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## PROPOSED HIGHWAY PLANS

## FAP ROUTE 567 (IL-38) SECTION ( $(9,10)$ R)RS DESIGNED OVERLAY OGLE COUNTY

C-92-056-24


SECTION ENDS STA. 886+64


FUNCTIONAL CLASSIFICATION OTHER PRINCIPLE ARTIRIAL 2024 ADT: 5600
 DESIGN SPEED: 60 MPH POSTED SPEED: 55 MPH


PROJECT ENGINEER: MICHAEL KUEHN 815-284-5503 PROJECT MANAGER: ANDREW DEWEY 815-284-5358 E-MAIL: ANDREW.P.DEWEY@ILLINOIS.GOV

GROSS LENGTH $=19110.0$ FT, $=3.62$ MILE NET LENGTH $=19110.0$ FT. $=3.62$ MLLES

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## HIGHWAY STANDARDS

## 000001 - 08 <br> standard symbols abbreviatons \& patiterns

001006
442201 - 03 482011-03 701006-05 7011 701201-05 701301-04 701306-04 701311-03 701336-07 701901-09 720001-01 720006-04 720011-01 728001-01

781001-04
DECIMAL OF INCH AND OF A FOOT
CLASS C AND D PATCHES
HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING \& RESURFACING PROJECTS
OFF-ROAD OPERATONS, 2L, $2 \mathrm{WW}, 15^{\prime}$ ( 4.5 M : TO $24^{\prime \prime}(600 \mathrm{MM}$ ) FROM PAVEMENT EDGE
OFF-ROAD MOVING OPERATONS, 2L, 2W, DAY ONLY
LANE CLOSURE, $2 L$, 2W, DAY ONLY, FOR S?EEDS $>45$ MPH
LANE CLOSURE, $2 L$, 2 W , SHORT TME OPERATONS
LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATONS DAY ONLY, FOR SPEEDS > 45 MPH
ANE CLOSURE, 2L, 2W, MOVING OPERATONS - DAY ONLY
ANE CLOSURE, $2 L$, 2 W , WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
URBAN LANE CLOSURE, 2L, 2W, WITH BIIRECTIONAL LEFT TURN LANE TRAFFIC CONTROL DEVICES
SIGN PANEL MOUNTNG DETALLS
sign panel erecton detalls
ETAL POSTS FOR SIGNS, MARKERS, AND DELINEARTORS
ELESCOPING STEEL SIGN SUPPORT
PPUCATONS OF TYPESA \& B POSTS (FCR SIGNS AND MARKERS)
TYPICAL PAVEMENTMARKINGS
TYPICAL APPLICATONS RAISED REFLECTVE PAVEMENT MARKERS

## GENERAL NOTES

The contractor shall notify Traffic Operations a minimum of 5 working days prior to placing permanent pavement marking or signing

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING
The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Shoulders of the type specified in the plans

The following Mixture Requirements are applicable for this project:

|  | Resurfacing |  |  |
| :--- | :---: | :---: | :---: |
| Location and Mixture Use(s): | Surface | Binder | Shoulders |
| PG: | PG 58-28 | PG 58-28 | PG 58-28 |
| Design Air Voids: | $4.0 @$ N50 | $4.0 @$ N50 | $4.0 @$ N50 |
| Mixture Composition: | IL 9.5 | IL 19.0 | IL 9.5FG |
| Friction Aggregate: | D | N/A | D |
| Mixture Weight: | 112 | N/A | 112 |
| Quality Management Program: | QCP | QCP | QC/QA |
| Sublot Size: | 1000 | 1000 | N/A |
| Material Transfer Device: | Yes | Yes | N/A |

The Contractor will be required to furnish $51 / 2$ high brass stencils as approved by the Engineer and install stationing at 250 ' intervals. Stationing shall be placed on both lanes of 2 lane highways and on the outside lanes in both directions on 4 -lane highways. The stations shall be placed 6 " inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

To help avoid excess drop offs at the edge of pavement, aggregate shoulder material of the type specified in the plan shall be placed prior to any bituminous material. The aggregate material shall be placed flush with the existing pavement or at the elevation of any proposed milling. At no time shall the aggregate shoulder material be higher than
the existing edge of pavement. This work shall be paid for by the ton for Aggregate Shoulders of type specified.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size. Typical Lane and Edge Lines.
3. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option would be to install a vaulted style monument as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be $5^{\prime}-0^{\prime \prime}$ below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.
The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different and then adjusted The error of closure shall be submitted with the electronic level notes in a recognized format and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

This project contains survey monuments that may be disturbed. The contractor must notify the Resident Engineer, Roger Inboden, Chief of Surveys, at Roger.Inboden@illinois.gov, a minimum of 21 days before any activity that may disturb a monument in the pavement. This would include section corners, quarter corners, witness corners, or anything else that could pertain to a property corner that would be in violation of 765 ILCS 205/11.
The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

NICOR Gas Co.
Comcast Cable
City of Rochelle
Village of Creston
Frontier (North)
Commonwealth Edison Company Bluebird Network
(630) 388-3019
(815) 509-8653
(815) 715-2287
(815) 561-2059
(815) $384-4140$
(809) 853-6297
(779) 231-1027
(847) 650-1348

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

Based on our structural analysis, the following structures can be crossed with an empty MTD with the following maximum gross weight restrictions: 071-1074 (40 tons), 071-1200 (40 tons), \& 071-1201 (40 tons).
Temporary Pavement Markings (Paint) included in SOQ as contingency in case of time constraints.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 1 Each.


* specialty item

* specialty item
 $\square$

| ReVISED |
| :--- | :--- |
| REVSED |
| REVSED |



* Specialty item
plot sccule $=$ sccales
$\left\lvert\, \begin{aligned} & \text { DESIINEE } \\ & \text { DRAEN } \\ & \text { CHECKED }\end{aligned}\right.$

| REVS |  |
| :--- | :--- |
| REVIS |  |
| SRAWN.- | RECED |

REVSED
$\begin{aligned} & \text { REESEDD } \\ & \text { REVSED } \\ & \text { RevSED }\end{aligned}$
STATE OF ILLINOIS


* specialty item

Plot scate $=$ scalks

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| CHECKED | PRAWN.


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| :--- |
| REVSED |



IL 38
TYPICAL SECTION
STA. $819+60$ TO STA. $824+8$


IL 38

## TYPICAL SECTION

STA. $824+80$ TO STA. $844+35$


STA. $824+80$ TO STA. $834+95$

-MATCH EXISTING CROSS SLOPE


TYPICAL SECTION
STA. $718+65$ TO STA. $721+80$
STA. $736+10$ TO STA. $739+70$
${ }_{7}$ q $1138_{7}^{7}$


IL 38

## TYPICAL SECTION


*MATCH EXISTING CROSS sLOPE


STA. $721+80$ To STA. $724+60$

*MATCH EXISTING CROSS sLOPE

40600990 TEMPORARY RAMP

| SO YD | LOCATION |  |  | OFFSET | $\left.\frac{\text { REMARKS }}{(T a p e r ~}{ }^{\text {Pate }}=1 " \cdot 40 "\right)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | (Taper Rate = 1" : 40") |
| 525 | Sta | 694+54 - | 887+64 |  | Side roads and Enterances \& Per direction of Ficld Engineer |
| 525 |  |  |  |  |  |

44201741 CLASS D PATCHES, TYPE II, 8 INCH
ION LOCATION OFFSFT RFMARKS
$\frac{3,480}{3,180}$ Sta $694+54$ IL- 38 . $887+64$ 60.44' RT Contingency per direction of Field Engineer
44201745 CLASS D PATCHES, TYPE III. 8 INCH
ION LOCATION OFFSET REMARKS
$\frac{870}{870}$ Sta $694+54-387+64$ 60.44' RT Contingency per direction of Field Engineer
44201745 CLASS D PATCHES, TYPE IV, 8 INCH
ION LOCATION OFFSEI REMARKS
$\frac{1,450}{1,450}$ Sta $694+54-887+64$ 60.44' RT Contingency per direction of Field Engineer
56109210 Water valves to be adiusted
EACH LOCATION

$$
\begin{array}{llll}
1 \\
1 & \text { Sta } 995+20 & \frac{1 L-38}{} & 00+00 \\
60.44^{\prime} \mathrm{RT}
\end{array}
$$

60255500 MANHOLLS TO BL ADJUSTLD

66700305 PERMANENT SURVEY MARKERS. TYPE H

| EACH | LOCATION <br> 1 | OFFSET | REMARKS |
| :--- | :--- | :--- | :--- | :--- |
| 1 | Sta $831+62$ | 43' RT | Per Direction of Chief of Surveys |

z0020900
ESTABLISHING AND REFERENCING LAND SECTION MARKERS

| EACH |  | LOCATION | OFFSET | REMARKS |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | IL-38 |  |  | See General Notes \& Special Provions |  |
| 1 | Sta | 702+04 | 5. RT |  |  |
| 1 | Sta | $728+48$ | $7^{1 / R T}$ |  |  |
| 1 | Sta | 781+71 | 16. RT |  |  |
| 1 | Sta | $834+94$ $861+54$ |  |  |  |
| 1 | Sta | 861+54 | 3' RT |  |  |

Z0004542 HOT-MIX ASPHALT REMOVAL (SPECIAL)
 as needed Per direction of Field Eng neer


$\square$



*** Quantities are Figured $6 "$ Wider on Each Edge Side for Joint Triming (Mainline HMA Surface \& Binder)

CKN
CKO
-


* Bituminous Materials (Tack Coat) Rate of Application $=0.05 \mathrm{Lb} / \mathrm{Sq} \mathrm{Ft}$ on Existing HMA, 0.025 Lb/Sq Ft Between Lifts
** Quantities are Figured $6 "$ wider on Each Edge Side for Joint Trimming (Mainline HMA Surface \& Binder)


Quantities are Fiqured 6" Wider on Each Edge Side for Joint Trimming (Mainline HMA Surface \& Binder)


** Quantities are Figured 6" Wider on Each Edge Side for Joint Trimming (Mainline HMA Surface \& Binder)


|  |  |  |  |  |  |  | 0010 | 72000200 | 72400710 | 72400310 | 72400320 | 72800100 | 72800100 | 73000100 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mile | Station | Side | Common Name of Sign | Sign Code | $\begin{aligned} & \text { Size } \\ & \text { Hor } \\ & \text { (in) } \end{aligned}$ | $\begin{aligned} & \text { Size } \\ & \text { ver } \\ & \text { (in) } \end{aligned}$ | $\begin{gathered} \text { SIGN PANEL } \\ \text { TYPE } 1 \\ \text { (SQFT) } \\ \hline \end{gathered}$ | SIGN PANEL TYPE 2 <br> (SQ FT) | RELOCATE SIGN PANEL TYPEI (SQ FT) | REMOVE SIGN PANEL Type 1 (SQ FT) | REMOVE SIGN PANEL TYPE 2 (SQFT) | TELESCOPING <br> STEELSIGN SUPPORT (FOOT) (2 in) | TELESCOPING STEELSIGN SUPPORT (FOOT) (2 $1 / 4$ in) | wood sign SUPPORT (FOOT) | Notes |
| 13.22 |  | N | Speed Zone Ahead 45 | W3-5 | 36 | 36 | 9.00 |  |  |  |  |  |  | 16.0 | 200 ' east of divided highway sign |
| 13.27 |  | N | Speed Zone Ahead 45 | W3-5 | 36 | 36 |  |  |  | 9.00 |  |  |  |  | remove sign and post |
| 13.70 |  | s | Cross Road | W2-1 | 36 | 36 | 9.00 |  |  |  |  |  |  | 17.0 | 100 ' west of current location |
|  |  |  | Mulford Rd | W17-100 | 36 | 9 | 2.30 |  |  |  |  |  |  |  | 650 ' before intersection |
| 13.12 |  | 5 | Cross Road | W2-1 | 36 | 36 |  |  |  | 9.00 |  |  |  |  | Remove signs and post |
|  |  |  | Mulford Rd | W17-1100 | 36 | 9 |  |  |  | 2.30 |  |  |  |  |  |
| 13.77 |  | s | STATE HIGHWA Y YARD (Green) | DSPC | 30 | 30 | 6.30 |  |  |  |  |  |  | 15.0 |  |
|  |  |  | Left arrow (green) | M6-11 | 21 | 15 | 2.20 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.81 |  | N | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Mulford Rd |
|  |  |  | Do not Enter | R5-1 | 36 | 36 | 9.00 |  |  | 6.30 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.81 |  | 5 | Stop | R1-1 | 36 | 36 |  |  | 9.00 |  |  | 9.0 | 5.0 |  | Mulford Rd |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.81 |  | s | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Mulford Rd |
|  |  |  | Do not Enter | R5-1 | 36 | 36 | 9.00 |  |  | 6.30 |  |  |  |  |  |
| 13.85 |  | N | State Highway Yard right arrow | DSPC | 60 | 30 |  |  |  |  | 12.50 |  |  |  | Remove sign and posts |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.86 |  | N | STATE HIGHWA Y YARD (Green) | DSPC | 30 | 30 | 6.30 |  |  |  |  |  |  | 15.0 | move 50' east |
|  |  |  | right arrow (green) | M6-1R | 21 | 15 | 2.20 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.93 |  | N | Cross Road | W2-1 | 36 | 36 |  |  | 9.00 |  |  |  |  | 17.0 | Relocate 50' west |
|  |  |  | Mulford Rd | W17-1100 | 36 | 9 | 2.30 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.94 |  | N | Mulford Rd | W17-1100 | 36 | 9 |  |  |  | 2.30 |  |  |  |  | Remove sign and post |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14.37 |  | N | No Passing Zone | W14-3 | 64 | 48 |  | 10.70 |  |  | 10.70 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14.66 |  | N | Adopt a Highway | 11-107A | 30 | 36 |  |  |  | 7.50 |  |  |  |  |  |
|  |  |  | Adopt a Highway (New Design) |  | 30 | 36 | 7.50 |  |  |  |  |  |  |  | Hormel African-American Resource Group |
|  |  |  | Adopt a Highway placcard | 11-1078 | 30 | 15 |  |  |  | 3.10 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.00 |  | 5 | IL 38 Ogle mile marker 15 | M1-1200 | 18 | 18 | 2.30 |  |  | 2.30 |  |  |  |  |  |
|  |  |  | IL 38 Ogle mile marker 15 | M1-1200 | 18 | 18 | 2.30 |  |  | 2.30 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -total |  | 87.70 | 10.70 | 18.00 | 63.00 | 23.20 | 27.00 | 15.00 | 80.00 |  |


|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mile | Station | Side | Common Name of Sign | Sign Code | $\begin{aligned} & \text { Size } \\ & \text { Hor } \\ & \text { (in) } \end{aligned}$ | $\begin{aligned} & \text { Size } \\ & \text { ver } \\ & \text { (in) } \end{aligned}$ | SIGN PANEL TYPE 1 <br> (SQFT) | SIGN PANEL TYPE 2 <br> (SQ FT) | relocate sign panel TYPE I (SQ FT) | REMOVE SIGN PANEL Type 1 (SQ FT) | REMOVE SIGN PANEL TYPE 2 (SQFT) | TELESCOPING <br> STEEL SIGN SUPPORT (FOOT) (2 in) | TELESCOPING steelsign SUPPORT (FOOT) (2 $1 / 4 \mathrm{in})$ | WOODSIGN SUPPORT (FOOT) | Notes |
| 15.15 |  | s | Cross Road | W2-1 | 36 | 36 |  |  |  | 9.00 |  |  |  |  | remove signs and post |
|  |  |  | Beck Rd | W17-1100 | 30 | 9 |  |  |  | 1.90 |  |  |  |  |  |
| 15.19 |  | s | Cross Road | W2-1 | 36 | 36 | 9.00 |  |  |  |  |  |  |  | $210^{\prime}$ east of old loc (650' before int) |
|  |  |  | Beck Rd | W17-1100 | 30 | 9 | 1.90 |  |  |  |  |  |  |  | 30' east of Lincoln Hwy Adv Rt turn arrow |
| 15.23 |  | s | Historic Lincoln Highway | XM-31 | 24 | 30 |  |  | 5.00 |  |  |  |  | 16.0 | 200 ' east of new int. sign |
|  |  |  | America's Byways | D6-4 | 24 | 12 |  |  | 2.00 |  |  |  |  |  |  |
|  |  |  | Advance Right turn Arrow (blue) | M5-1R | 21 | 15 |  |  | 2.20 |  |  |  |  |  |  |
| 15.27 |  | s | Historic Lincoln Highway | XM-31 | 24 | 30 | 5.00 |  |  | 5.00 |  |  |  |  | 200 ' east of advance turn sign $30^{\prime}$ west of |
|  |  |  | America's Byways | D6-4 | 24 | 12 | 2.00 |  |  |  |  |  |  |  | current location, 250' west of int) |
|  |  |  | Right turn Arrow (blue) | M5-1R | 21 | 15 |  |  | 2.20 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.28 |  | s | Historic Lincoln Highway | хм-31 | 24 | 30 |  |  |  | 5.00 |  |  |  |  | Remove sign and post |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.31 |  | N | Historic Lincoln Highway | хм-31 | 24 | 30 | 5.00 |  |  | 5.00 |  | 10.0 | 5.0 |  |  |
|  |  |  | America's Byways | D6-4 | 24 | 12 | 2.00 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.32 |  | N | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Beck Rd |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.32 |  | $s$ | stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Beck Rd |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.45 |  | N | Cross Road | W2-1 | 36 | 36 | 9.00 |  |  |  |  |  |  | 17.0 | $70^{\prime}$ west of current location |
|  |  |  | Beck Rd | W17-1100 | 30 | 9 | 1.90 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.46 |  | N | Cross Road | W2-1 | 36 | 36 |  |  |  | 9.00 |  |  |  |  | Remove sign and post |
|  |  |  | Beck Rd | W17-1100 | 30 | 9 |  |  |  | 1.90 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.52 |  | s | Speed Zone Ahead 45 | W3-5 | 36 | 36 |  |  | 9.00 |  |  |  |  | 16.0 | Relocate 620 feet east |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.56 |  | s | Tourist Activities | TODS1 | 72 | 12 |  |  |  | 6.00 |  |  |  |  | Remove signs and posts |
|  |  |  | Headons Old Fashioned Meat Market Tues-Sat --> | TODS 2 | 72 | 18 |  |  |  | 9.00 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.56 |  | s | Tourist Activities | TODS1 | 72 | 12 | 6.00 |  |  |  |  | 20.0 | 10.0 |  | 26 ' east of current location |
|  |  |  | Headons Old Fashioned Mcat Market Tucs Sat | TODS 2 | 72 | 18 | 9.00 |  |  |  |  |  |  |  | 200 west of Creston Pop sign |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.51 |  | N | Rochelle 5 Dixon 33 | D2-2 | 60 | 30 |  |  |  |  | 12.50 |  |  |  | Remove sign and posts |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.54 |  | $N$ | Rochelle 5 | D2-2 | 60 | 30 |  | 12.50 |  |  |  | 20 | 10.0 |  | 200 west of Speed limit 5 |
|  |  |  |  |  | -total |  | 68.80 | 12.50 | 20.40 | 64.40 | 12.50 | 68.00 | 35.00 | 49.00 |  |


|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mile | Station | Side | Common Name of Sign | Sign Code | $\begin{aligned} & \text { Size } \\ & \text { Hor } \\ & \text { (in) } \end{aligned}$ | $\begin{aligned} & \text { Size } \\ & \text { ver } \\ & \text { (in) } \end{aligned}$ | SIGN PANEL TYPE 1 <br> (SQ FT) | SIGN PANEL TYPE 2 <br> (SQ FT) | RELOCATE SIGN PANEL TYPEI (SQ FT) | REMOVE SIGN PANEL Type 1 (SQ FT) | REMOVE SIGN PANEL TYPE 2 (SQ.FT) | TELESCOPING <br> STEELSIGN <br> SUPPORT <br> (FOOT) (2 in) | STEELSIGN SUPPORT (FOOT) (2 $1 / 4 \mathrm{in}$ ) | wood sign SUPPORT (FOOT) | Notes |
| 15.60 |  | N | Speed Limit 55 | R2-1 | 30 | 36 | 7.50 |  |  | 7.50 |  |  |  | 15.0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.60 |  | s | $\begin{gathered} \text { Creston } \\ 700 \end{gathered}$ | 11-100 | 48 | 24 | 8.00 |  |  |  | 10.00 |  |  | 16.0 |  |
|  |  |  | Speed Limit 45 | R2-1 | 30 | 36 | 7.50 |  |  | 7.50 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.63 |  | s | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Main St |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.65 |  | N | Business district | D4-101 | 30 | 18 |  |  | 3.80 |  |  | 9.0 | 5.0 |  | relocate 82 feet west |
|  |  |  | Library (Symbol) | 1-8 | 24 | 24 |  |  | 4.00 |  |  |  |  |  |  |
|  |  |  | Left Arrow | M6-11 | 21 | 15 |  |  | 2.20 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.66 |  | s | Tourist Activities | TODS1 | 72 | 12 |  |  |  | 6.00 |  |  |  |  | Remove signs and posts |
|  |  |  | Headons Old Fashioned <-- Meat Market Tues-Sat | TODS 2 | 72 | 18 |  |  |  | 9.00 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.68 |  | s | Tourist Activities | TODS1 | 72 | 12 | 6.00 |  |  |  |  | 18.0 | 10.0 |  | 80 feet east of current location |
|  |  |  | Headons Old Fashioned | TODS 2 | 72 | 18 | 900 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.73 |  | s | Cross Road | W2-1 | 36 | 36 |  |  | 9.00 |  |  |  |  | 17.0 | Relocate 550' east, (100' west of Grove) |
|  |  |  | Woodlawn Rd | W17-100 | 36 | 9 |  |  | 2.30 |  |  |  |  |  |  |
|  |  |  | No Parking (symbol) | R8-3 | 24 | 24 |  |  | 4.00 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.75 |  | s | Grove St | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.79 |  | $s$ | $<-$ Esmond 7 | D1-1A | 60 | 18 |  |  |  | 7.50 |  |  |  |  | Remove sign and posts |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.80 |  | N | West (White) | M3-4 | 24 | 12 | 2.00 |  |  |  |  | 9.0 | 5.0 |  | 100 'east of the no parking sign |
|  |  |  | Illinois Route 38 | M1-1100 | 24 | 24 | 4.00 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.81 |  | N | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Woodlawn Rd |
|  |  |  | Do not Enter | R5-1 | 36 | 36 | 9.00 |  |  | 6.30 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.81 |  | N | Stop | R1-1 | 36 | 36 |  |  | 9.00 |  |  | 9.0 | 5.0 |  | Woodlawn Rd |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.81 |  | s | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | Woodlawn Rd |
|  |  |  | Do not Enter | R5-1 | 36 | 36 | 9.00 |  |  | 6.30 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.83 |  | s | East (White) | M3-2 | 24 | 12 | 2.00 |  |  |  |  |  |  | 15.0 | about 90' west of exist Lincoln Hwy sgn |
|  |  |  | Illinois Route 38 | M1-1100 | 24 | 24 | 4.00 |  |  |  |  |  |  |  |  |
|  |  |  | Historic Lincoln Highway | хм-31 | 24 | 30 | 5.00 |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -total |  | 109.00 | 0.00 | 34.30 | 75.30 | 10.00 | 72.00 | 40.00 | 63.00 |  |


|  |  |  |  |  |  |  | 72000100 | 72000200 | 72400710 | 72400310 | 72400320 | 72800100 | 72800100 | 73000100 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mile | Station | Side | Common Name of Sign | Sign Code | Size Hor <br> (in) | $\begin{aligned} & \text { Size } \\ & \text { ver } \\ & \text { (in) } \end{aligned}$ | SIGN PANEL TYPE 1 <br> (SQFT) | SIGN PANEL TYPE 2 <br> (SQ FT) | RELOCATE SIGN PANEL TYPEI (SQ FT) | REMOVE SIGN PANEL Type 1 (SQ FT) | REMOVE SIGN PANEL TYPE 2 (SQFT) | TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 in) | telescoping STEELSIGN SUPPORT (FOOT) (21/4 in) | WOODSIGN SUPPORT (FOOT) | Notes |
|  |  |  | America's Byways | D6-4 | 24 | 12 | 2.00 |  |  |  |  |  |  |  |  |
| 15.84 |  | N | Historic Lincoln Highway | XM-31 | 24 | 30 | 5.00 |  |  |  |  |  |  | 16.0 | $30^{\prime}$ before Esmond green sign |
|  |  |  | America's Byways | D6-4 | 24 | 12 | 2.00 |  |  |  |  |  |  |  |  |
|  |  |  | Left turn arrow (blue) | MG-11 | 21 | 15 | 2.20 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.85 |  | 5 | Historic Lincoln Highway | хM-31 | 24 | 30 |  |  |  | 5.00 |  |  |  |  | Remove sign and post |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.85 |  | N | Esmond 7 --> | D1-1A | 60 | 18 |  |  |  | 7.50 |  |  |  |  | Remove sign and posts |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.89 |  | s | Speed Limit 55 | R2-1 | 30 | 36 | 7.50 |  |  |  |  |  |  | 15.0 |  |
|  |  |  | DeKalb 11 Geneva 35 | D2-2 | 60 | 30 |  |  |  |  | 12.50 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.89 |  | N | $\begin{gathered} \text { Creston } \\ 700 \\ \hline \end{gathered}$ | 11-1100 | 48 | 2.4 | 8.00 |  |  |  | 10.00 |  |  | 16.0 |  |
|  |  |  | Speed Limit 45 | R2-1 | 30 | 36 | 7.50 |  |  | 7.50 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.92 |  | N | Historic Lincoln Highway | XM-31 | 24 | 30 | 5.00 |  |  |  |  |  |  | 16.0 | 150 ' east of Creston Pop sign |
|  |  |  | America's Byways | D6-4 | 24 | 12 | 2.00 |  |  |  |  |  |  |  |  |
|  |  |  | Advanced Left turn arrow (blue) | M5-1L | 21 | 15 | 2.20 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.93 |  | s | DeKalb 11 Geneva 35 | D2-2 | 60 | 30 |  | 12.50 |  |  |  | 20.0 | 10.0 |  | $200 '$ east of prop speed limit 55 sign |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.96 |  | N | Cross Road | W2-1 | 36 | 36 |  |  | 9.00 |  |  |  |  | 17.0 | 150' east of Lincoln highway adv left turn |
|  |  |  | Woodlawn Rd | W17-1100 | 36 | 9 |  |  | 2.30 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16.00 |  | s | 1238 ogle mile marker 16 | M1-1200 | 18 | 18 | 2.30 |  |  |  |  | 9.0 | 5.0 |  |  |
|  |  |  | IL 38 Ogle mile marker 16 | M1-1200 | 18 | 18 | 2.30 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16.00 |  | N | Speed Zone Ahead 45 | W3-5 | 36 | 36 | 9.00 |  |  |  |  |  |  | 16.0 | 200' east of Cross Road Sign |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16.09 |  | N | Speed Zone Ahead 45 | W3-5 | 36 | 36 |  |  |  | 9.00 |  |  |  |  | Remove sign and post |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16.20 |  | s | No Passing Zone | W14-3 | 64 | 48 |  | 10.70 |  |  |  |  |  | 16.0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16.86 |  | N | Stop | R1-1 | 36 | 36 | 9.00 |  |  | 6.30 |  | 9.0 | 5.0 |  | East Line Road |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16.88 |  | N | Ogle County | 11-1104 | 48 | 24 | 8.00 |  |  |  | 10.00 |  |  | 13.0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | -total |  | 183.00 | 23.20 | 45.60 | 110.60 | 42.50 | 110.00 | 60.00 | 188.00 |  |
|  |  |  |  |  | d Total |  | 448.50 | 46.40 | 118.30 | 313.30 | 88.20 | 277.00 | 150.00 | 380.00 |  |


| User Name |  |
| :---: | :---: |
| Plorscale | = sscall |
| Plot date |  |


| DESIINED |
| :--- |
| RARN |
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连





















## WORK ZONE SIGN DETAILS

 included in the cost of the specified traffic

HUllinois standard signs shall conform to the All Illinois Standard signs shall conform to the latest
edition of the "llinois standard Highway Signs Book" edition of the "llimois Standara Highway Sig
in effect on the date of invitation for bids.
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.
All dimensions are in inches unless otherwise noted


| SIGN SIZE | SERIES BY LINE |  |  | MARGIN | BORDER |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 |  |  |
| $48 \times 48$ | $7 c$ | $7 c$ | $7 c$ | 1.250 | 0.750 |

Sign not to scale

## WORK ZONE SIGN DETAILS




| $\begin{array}{cc} \text { color } & \begin{array}{l} \text { LEGEN } \\ \text { BACKC } \end{array} \end{array}$ | LEGEND AND BORDER BACKGROUND |  |
| :---: | :---: | :---: |
|  | DIMENSIONS |  |
|  | A | B |
| $48 \times 48$ | 48.00 | 3.00 |

NON-REFLECTORIZED
(1) Hilinois Standard signs w12-1102 and W12--103 shall be

| COLOR | LEGEND AND BORDER BACKGROUND BACKGROUND (WIDTH) |  |  |  | BLACK <br> WHITE <br> fL ORANGE |  | NON-REFLECTORIZED <br> REFLECTORIZED REFLECTORIZED |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DIMENSIONS |  |  |  |  |  |  |  |  |  |  |  |
|  | A | B | C | D | E | F | G | H | J | K | L | M |
| $48 \times 48$ | 48.00 | 3.00 | 38.40 | 13.20 | 19.20 | 32.00 | 22.00 | 26.20 | 12.00 | 24.00 | 10.00 | 11.00 |


| SIGN SIZE | SERIES BY LINE | MARGIN | BORDER |
| :---: | :---: | :---: | :---: |
|  | 1 |  |  |
| $48 \times 48$ | $12 C$ | 0.750 | 1.250 |

[^0]| SIGN SIZE | SERIES BY LINE |  |  |  |  | MARGIN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BORDER |  |  |  |  |  |
|  |  | 2 | 3 | 4 |  |  |
| $48 \times 48$ | $6 C$ | $8 D$ | $6 D$ | $6 D$ | 0.750 | 1.250 |

Sign not to scale XX'-XX" WIDTH AND X MILES ARE VARIABLE
TOP AND BOTTOM OF BACKGROUND WHITE

## WORK ZONE SIGN DETAILS

# NO OVERSIZE OVERWEIGHT LOADS XX MILES AHEAD 

## TO ACTIVAIE SIGNAL

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border:
[NO OVERSIZE -] D; [ IVERERWEIGHT LOADS] D 85\% spacing; [XX MLLES AHEAD] D
Table of letter and object lefts. Table of letter and object lefts.

| N | O | O | V | E | R | S | I | Z | E | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 11.7 | 18.1 | 30.0 | 36.2 | 42.8 | 48.4 | 54.4 | 60.7 | 63.5 | 69.5 | 80.8 |



GENERAL NOTES
All work to furrish and install these signs shall be
included in the cost of the specified traffic included in the cost of the specified traffic

```
| X 
```

$\square$
ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS
WORK ZONE SIGN DETAILS
Table Of Widths And Spaces

|  | C |  | A |  | U |  | T |  | I |  | O |  | N |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 22.31 | 3.36 | 0.62 | 4.18 | 0.94 | 3.36 | 0.94 | 3.04 | 0.94 | 0.78 | 1.17 | 3.52 | 1.17 | 3.36 | 22.31 |


|  | O |  | N |  | E |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 8.23 | 3.51 | 1.17 | 3.36 | 1.18 | 3.04 |


|  | L |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5.00 | L | 05 | 0.31 | A | 4.18 | 0.94 | N |
| 3.36 | 1.17 | E |  |  |  |  |  |
| 3.05 |  |  |  |  |  |  |  |

All work to furnish and instat NOTES included to furnish and install these signs shal control standards and shall not be paid separately.
All Illinois Standard signs shall conform to the latest edition of the "lllinois Standard Highway Signs Book

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR
Legend and border background
non-RefLectorized
48.0" across sides 3.8 " Radius, 1.0" Border, 0.6" Indent

Table of Letter and Object Lefts

| S | T | A | Y |
| :--- | :--- | :--- | :--- |
| 20.7 | 26.8 | 31.6 | 38.0 |


| I | N | Y | O | U | R |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 13.2 | 15.9 | 26.7 | 33.9 | 40.5 | 46.8 |


| L | A | N | E |
| :--- | :--- | :--- | :--- |
| 20.9 | 25.8 | 33.1 | 39.4 |

Sign not to scale

## TYPICAL PAVEMENT MARKINGS

MEDIAN PAVEMENT MARKING
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN


IYPICAL ISLAND OFFSET SHOULDER WIDTH

TYPICAL MARKING FOR PAINTED ISLANDS

STANDARD CROSSWALK MARKING See Schedules for Locations



## TYPICAL PAVEMENT MARKINGS




* reduce to 40' o.c. on curves where advisory speeds are

10 MPH LOWER THAN POSTED SPEEDS.
** USE DOUBLE MARKERS WHEN ADT $\geq 20,000$
*** Centerline skip dash pavement marking speed limit LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

## MULTI-LANE / UNDIVIDED \& ONE WAY

(FOR MUITI-LANE UNDIVIDED HIGHWAYS USE THI DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



## TYPICAL PAVEMENT MARKINGS



HOT-MIX ASPHALT APPROACHES \&
MAILBOX RETURNS FOR SINGLE LIFT (SMART) RESURFACING PROJECTS

## SAFETY EDGE (3P PROJECTS )



FIELD ENTRANCE


MAILBOX TURNOUT


COMMERCIAL ENTRANCE


SIDE ROAD RETURN

PRIVATE ENTRANCE
NOTE: EXISTING HMA PE's, CE's, SR's, \& MB TURNOUTS Place 1 1/2" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

ExISTING AGG. PE's \& CE's
Place 2" Incidental Hot-Mix Asphalt Surfacing on existing
entrance to conform to the present configuration.
EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing on
sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNOUTS
Existing Agg. Mailbox Turnouts shall be constructed as shown below.



## LAND SECTION \& REFERENCE MARKERS






[^0]:    Sign not to scale
    

