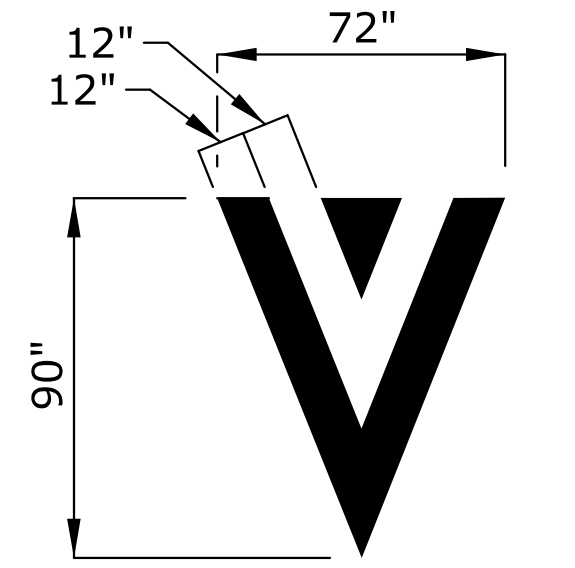


SHARROW SYMBOL

YIELD BAR



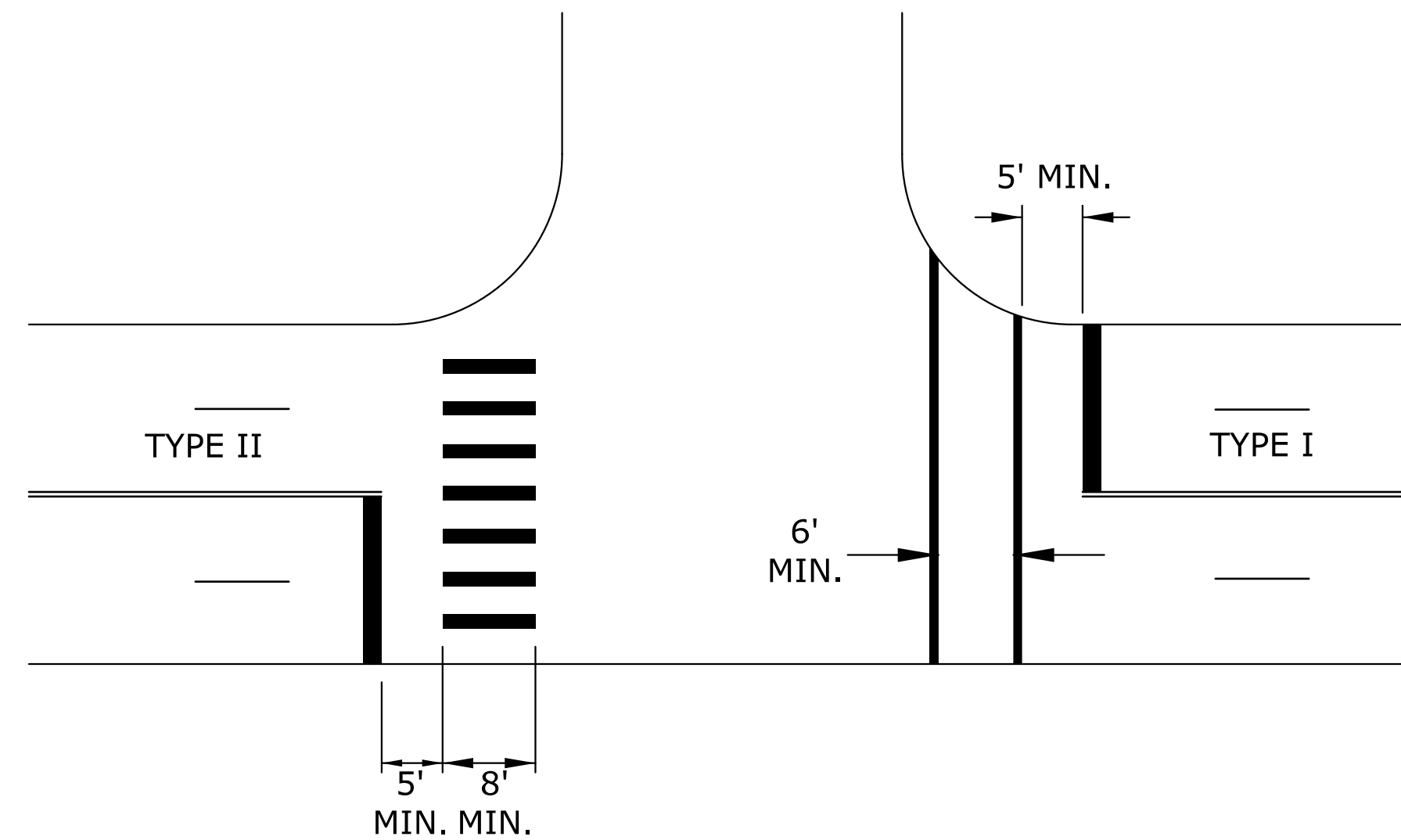
SPEED HUMP MARKING

TYPICAL CROSSWALKS

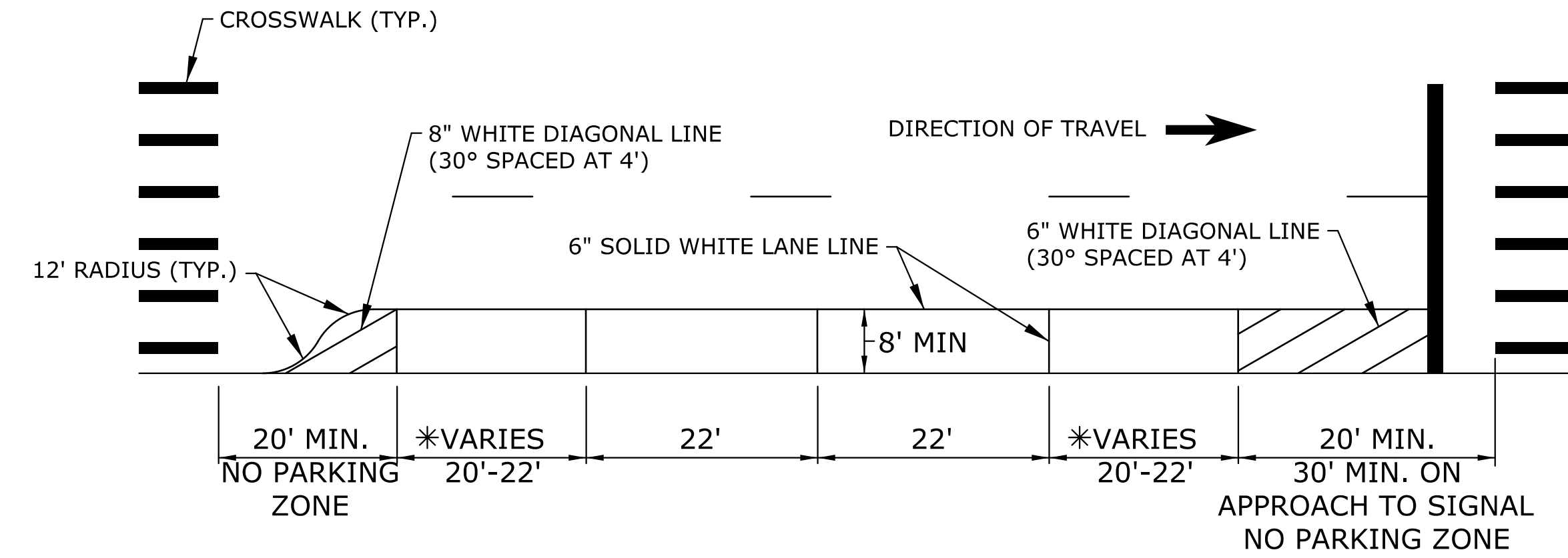
TYPE I: CROSSWALK LINES SHALL BE 12" SOLID WHITE LINES. THEY SHALL BE SPACED A MINIMUM OF 6' APART FROM INSIDE EDGE TO INSIDE EDGE.

TYPE II: THESE LINES SHOULD BE SOLID WHITE 24" WIDE PLACED PARALLEL TO THE DIRECTION OF TRAFFIC FLOW. THE LINE PLACEMENT IS DETERMINED BY LANE LINE, CENTER LINE, AND WHEEL PATH IN SUCH A MANNER AS TO MINIMIZE TRAFFIC WEAR. THE CROSSWALK WIDTH SHOULD BE NOT LESS THAN 8'. THE TRANSVERSE CROSSWALK LINES MAY BE ADDED.

WHEN REQUIRED, STOP LINES SHALL BE INSTALLED A MINIMUM OF 5' FROM CROSSWALKS.

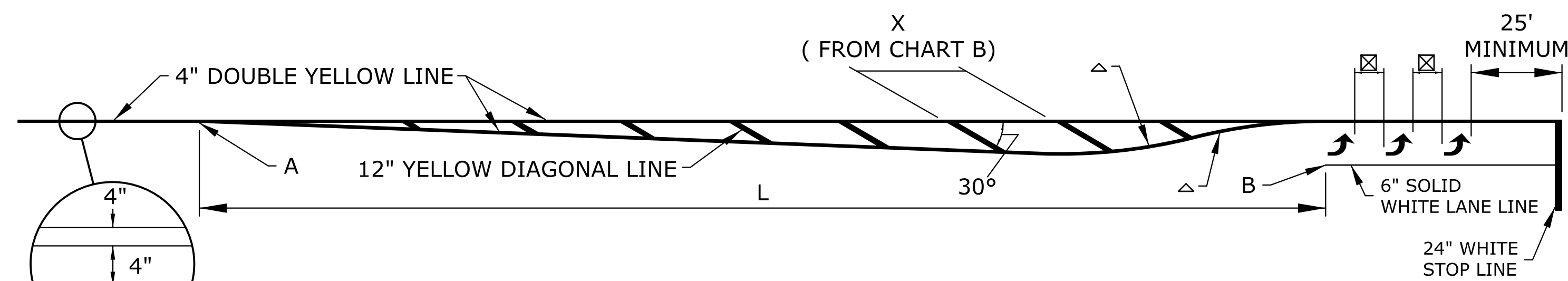


TYPICAL PARKING SPACE MARKINGS



* END SPACES MAY BE 20' ONLY. ALL OTHER PARKINGS SPACES SHALL BE A MINIMUM OF 22'

TYPICAL APPROACH TAPER DETAIL



THE APPROACH TAPER LENGTH FROM POINT A TO POINT B IS TO BE DETERMINED USING CHART C. VALUES FOR L WERE CALCULATED USING THE EQUATIONS BELOW AND INCREASED TO THE NEXT HIGHER 5 MPH INCREMENT.

- SPEEDS < 45 MPH $L = \frac{W * S^2}{60}$

- SPEEDS = 45 MPH $L = W * S$

IF ARROWS ARE USED AND UNLESS OTHERWISE SPECIFIED THE SPACE BETWEEN LINES SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS FOR LOW SPEED ROADS BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS, UNDER ANY CONDITIONS.

FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH, R=150'.
FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH, R=300'.

| CHART "B" | | CHART "C" | |
|----------------|-----|----------------|------|
| APPROACH SPEED | X | APPROACH SPEED | L |
| 20 MPH | 20' | 20 MPH | 80' |
| 25 MPH | 25' | 25 MPH | 125' |
| 30 MPH | 30' | 30 MPH | 180' |
| 35 MPH | 35' | 35 MPH | 245' |
| 40 MPH | 40' | 40 MPH | 320' |
| 45 MPH | 45' | 45 MPH | 540' |
| 50 MPH | 50' | 50 MPH | 600' |
| 55 MPH | 55' | 55 MPH | 660' |
| 60 MPH | 60' | 60 MPH | 720' |
| 65 MPH | 65' | 65 MPH | 780' |
| 70 MPH | 70' | 70 MPH | 840' |

SUMMARY OF PAVEMENT MARKING QUANTITIES (FOR INFORMATION ONLY)

| ITEMS | TOTAL | UNITS |
|--|-------|-------|
| Pavement Marking (Epoxy)(White)(6") | 1630 | L.F. |
| Pavement Marking (Epoxy)(Yellow)(4") | 74 | L.F. |
| Pavement Marking (Epoxy)(White)(24") | 1826 | L.F. |
| Pavement Marking (Epoxy)(White)(Speed Hump Symbol) | 2 | EA. |
| Pavement Marking (Epoxy)(White)(Yield Triangles) | 12 | EA. |
| Pavement Marking (Epoxy)(White)(Handicap Symbol) | 3 | EA. |
| Pavement Marking (Epoxy)(White)(Sharrow Symbol) | 10 | EA. |

All pavement markings shall be epoxy meeting City of Wichita specifications and special provisions.

Removal of existing pavement markings which conflict with proposed pavement markings shall be paid for by the bid item "Removal of Existing Markings (grinding)". All materials, labor and equipment necessary to complete this work shall be included in this bid item, and will be paid for by the linear ft regardless of width removed.

Pavement marking shall be paid for by the Lump Sum bid item, "Pavement Marking".

| REVISIONS: | MARK | DATE | DESCRIPTION |
|------------|------|------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |

PROJ NO: 472-85463
SCALE: NTS
DATE: 6/1/2020
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
TYPICAL MISC. PAVEMENT MARKING DETAILS & SUMMARY OF QUANTITIES

SHEET NO.
67
SHEET 67 OF 97