CITY OF LODI

PUBLIC WORKS DEPARTMENT

GENERAL NOTES MARKER DETAILS LEGEND

NOTES

1. MINIMUM PROJECTED AREA OF REFLECTIVE FACE = 1.00 SQUARE INCH.
2. REFLECTIVE MARKERS NEED NOT BE RECTANGULAR.

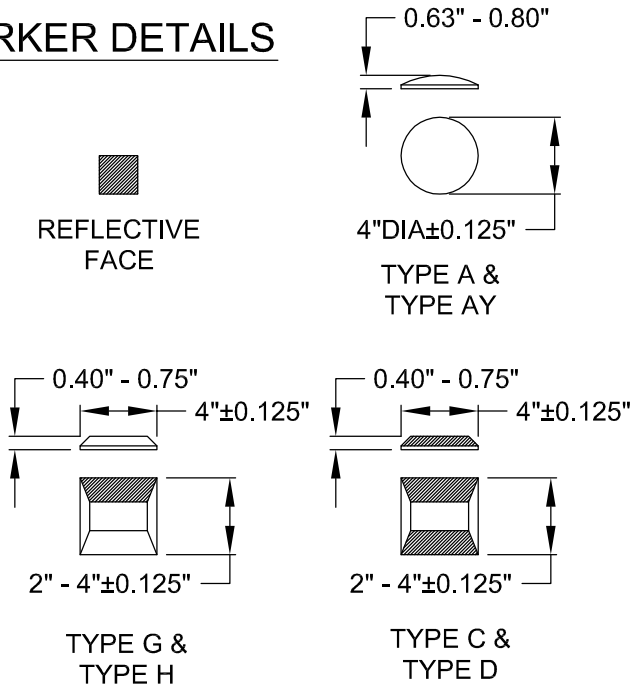
LEGEND

- TYPE A WHITE NON-REFLECTIVE
- TYPE AY YELLOW NON-REFLECTIVE
- TYPE C RED-CLEAR RETROREFLECTIVE
- TYPE D TWO-WAY YELLOW RETROREFLECTIVE
- TWO-WAY BLUE RETROREFLECTIVE
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE

LINES

- 4" WHITE
- 4" YELLOW
- DIRECTION OF TRAVEL

MARKER DETAILS



Dr. JSB	No.	Date	Revision	Appr.
Ch. PJF	1	2/05	ADDED BLUE REFLECTOR	PJF
Date 2/04				

Approved By: F. Wally Sandelin 2/2/05

F. Wally Sandelin
City Engineer
R.C.E. 39895
Date

STD PLAN 700

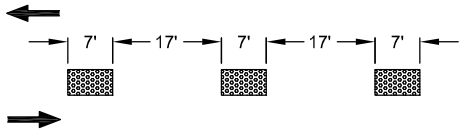
CITY OF LODI

PUBLIC WORKS DEPARTMENT

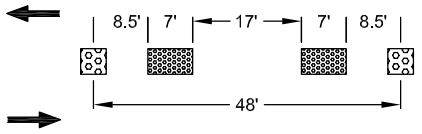
LANE STRIPING TYPICAL DETAIL FOR SPEED ZONES 40 MPH OR LESS

CENTER LINES
(2 LANE HIGHWAYS)

DETAIL 1

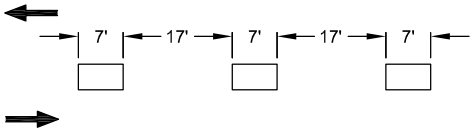


DETAIL 2

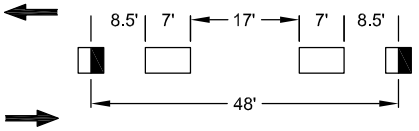


LANE LINES
(MULTILANE HIGHWAYS)

DETAIL 8

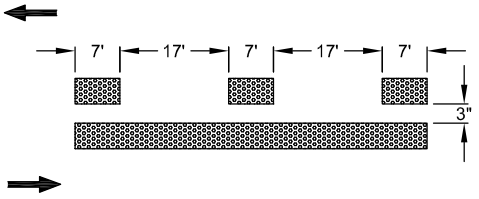


DETAIL 9

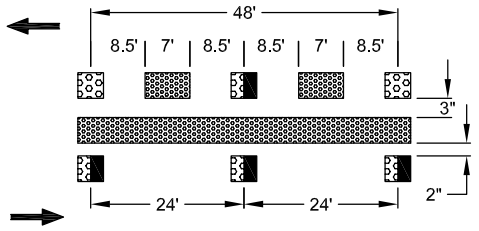


NO PASSING ZONE
(ONE DIRECTION)

DETAIL 15



DETAIL 16



Dr. JSB	No.	Date	Revision	Appr.	Approved By: F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/12/04 Date	STD PLAN
Ch. PJF						701
Date 2/04						

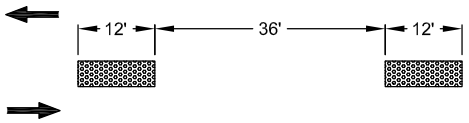
CITY OF LODI

PUBLIC WORKS DEPARTMENT

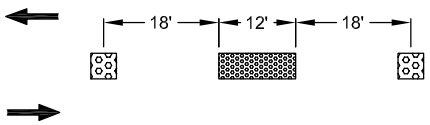
LANE STRIPING TYPICAL DETAIL FOR SPEED ZONES 45 MPH OR MORE

CENTER LINES
(2 LANE HIGHWAYS)

DETAIL 5

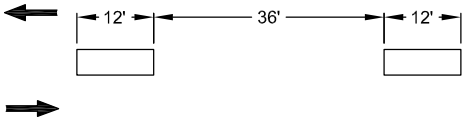


DETAIL 6

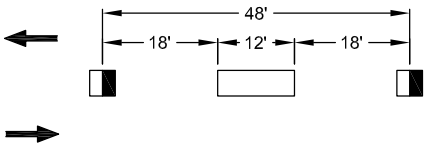


LANE LINES
(MULTILANE HIGHWAYS)

DETAIL 11

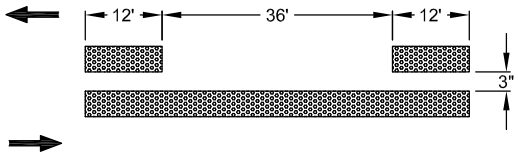


DETAIL 12

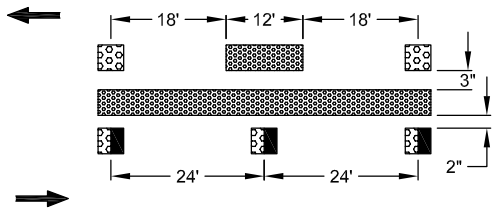


NO PASSING ZONE
(ONE DIRECTION)

DETAIL 18



DETAIL 19



Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/12/04 Date	702-1
Date 2/04						

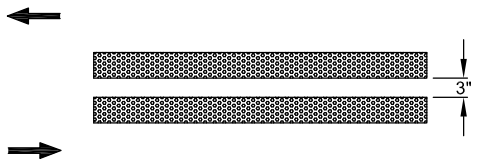
CITY OF LODI

PUBLIC WORKS DEPARTMENT

TYPICAL DETAIL
NO PASSING ZONES

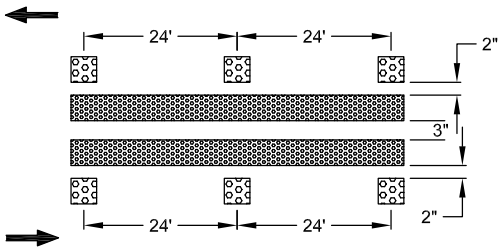
NO PASSING ZONE
(TWO DIRECTIONS)

DETAIL 21



NO PASSING ZONE
(TWO DIRECTIONS)

DETAIL 22



Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin City Engineer R.C.E. 39895 2/12/04 Date	702-2
Date 2/04						

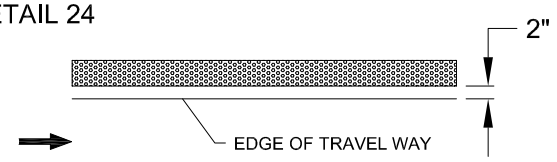
CITY OF LODI

PUBLIC WORKS DEPARTMENT

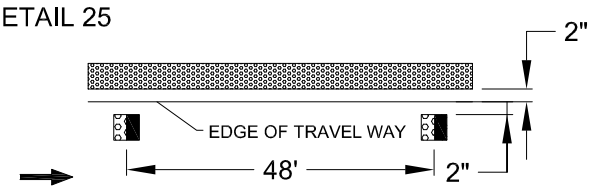
EDGELINE AND MEDIAN LANE STRIPING TYPICAL DETAILS

LEFT EDGELINES
(DIVIDED HIGHWAYS)

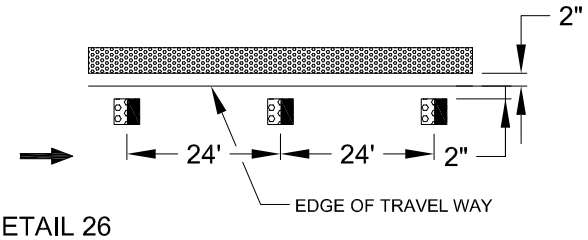
DETAIL 24



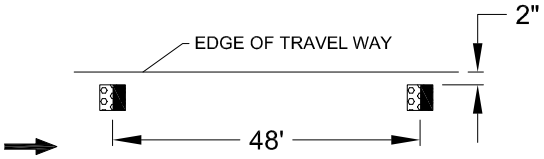
DETAIL 25



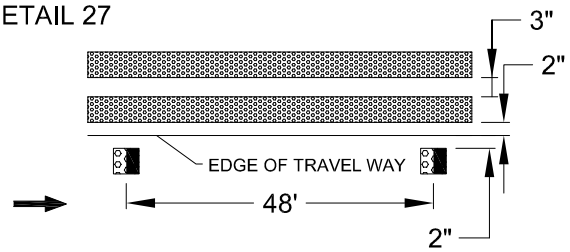
DETAIL 25A- USE ON FREEWAY RAMPS AND CONNECTORS



DETAIL 26

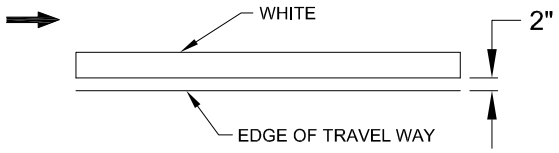


DETAIL 27



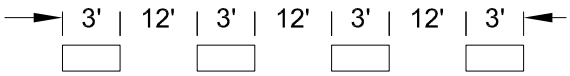
RIGHT EDGELINES

DETAIL 27B



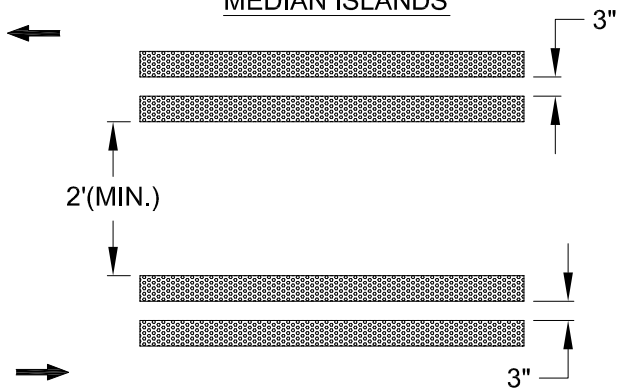
RIGHT EDGELINES
(EXTENSION THROUGH INTERSECTION)

DETAIL 27C

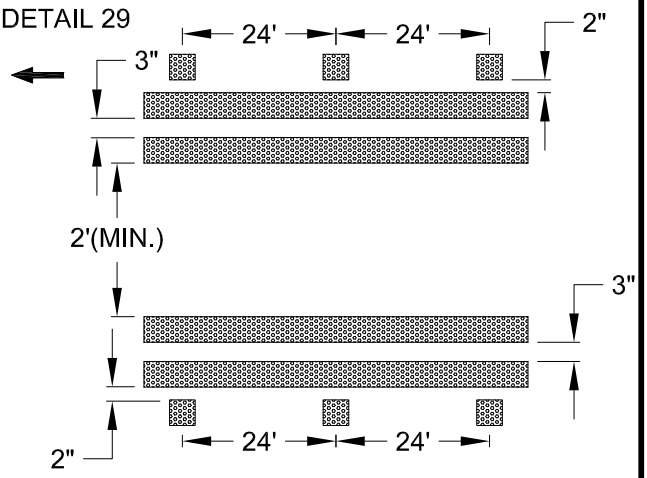


DETAIL 28

MEDIAN ISLANDS



DETAIL 29



Dr. JSB	No.	Date	Revision	Appr.
Ch. PJF	1	2/05	REVISED DIMENSION	
Date 2/04				

Approved By:

F. Wally Sandelin
City Engineer
R.C.E. 39895

2/2/05
Date

STD PLAN

703

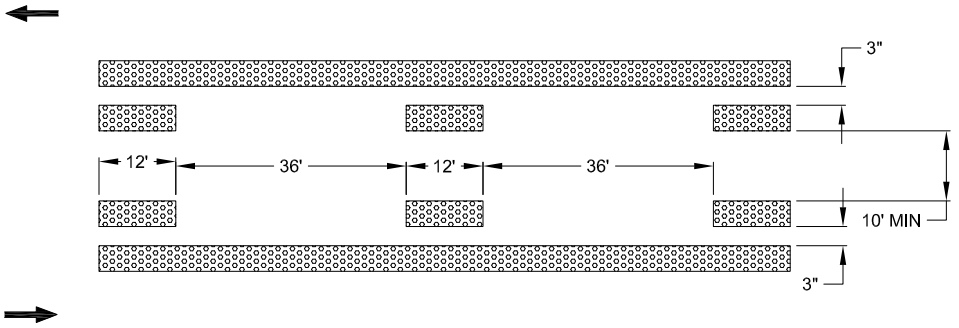
CITY OF LODI

PUBLIC WORKS DEPARTMENT

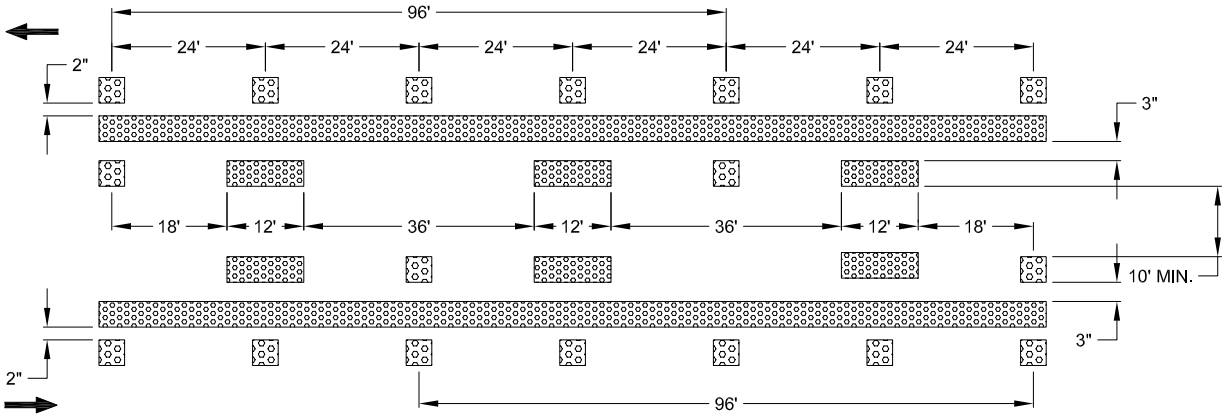
TWO-WAY LEFT TURN LANE DETAILS

TWO-WAY LEFT TURN LANES

DETAIL 31



DETAIL 32



Dr. JSB	No.	Date	Revision	Appr.
	1	2/05	REVISED MIN. LANE DIMENSION	
Ch. PJF				
Date 2/04				

Approved By:

F. Wally Sandelin
City Engineer
R.C.E. 39895

2/2/05
Date

STD PLAN

704

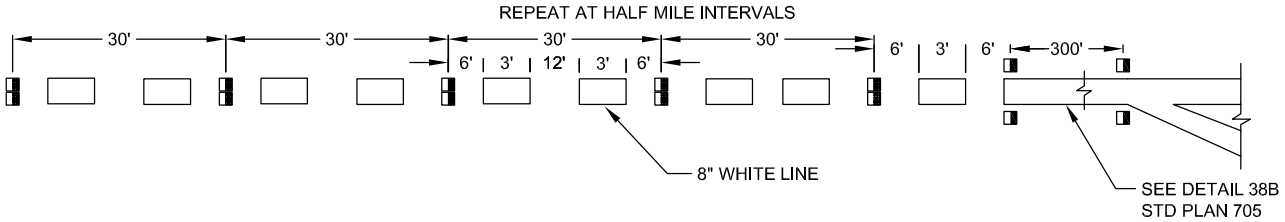
CITY OF LODI

PUBLIC WORKS DEPARTMENT

LANE DROPS CHANNELIZING LANES TYPICAL DETAILS

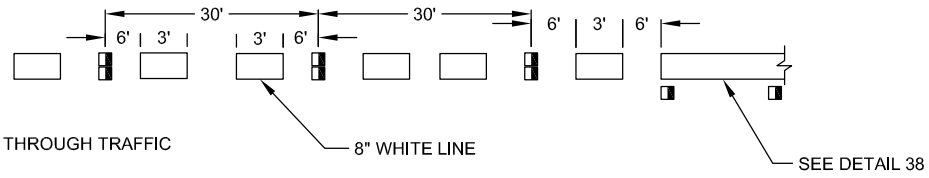
LANE DROP AT EXIT RAMPS

DETAIL 37



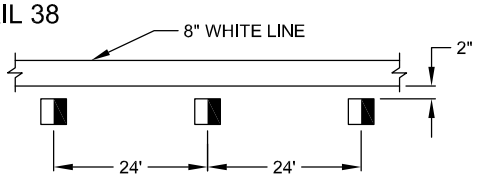
LANE DROP AT INTERSECTION

DETAIL 37B



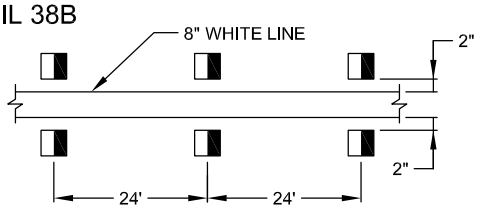
CHANNELIZING LINE

DETAIL 38

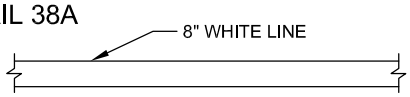


THROUGH TRAFFIC

DETAIL 38B



DETAIL 38A



Dr. JSB	No.	Date	Revision	Appr.
Ch. PJF	1	2/05	REVISED DETAIL REFERENCE	
Date 2/04				

Approved By:

F. Wally Sandelin
City Engineer
R.C.E. 39895

2/2/05
Date

STD PLAN

705

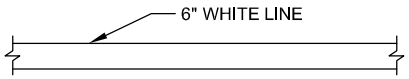
CITY OF LODI

PUBLIC WORKS DEPARTMENT

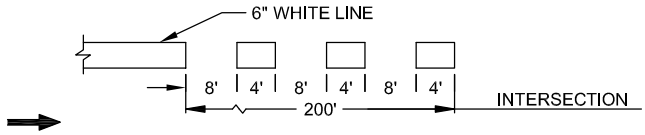
BIKE LANE LINES
LANE LINE EXTENSIONS
TYPICAL DETAILS

BIKE LANE LANES

DETAIL 39

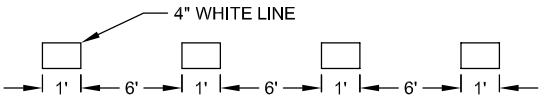


DETAIL 39A

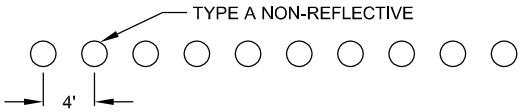


LANE LINE EXTENSIONS THROUGH INTERSECTIONS

DETAIL 40



DETAIL 40

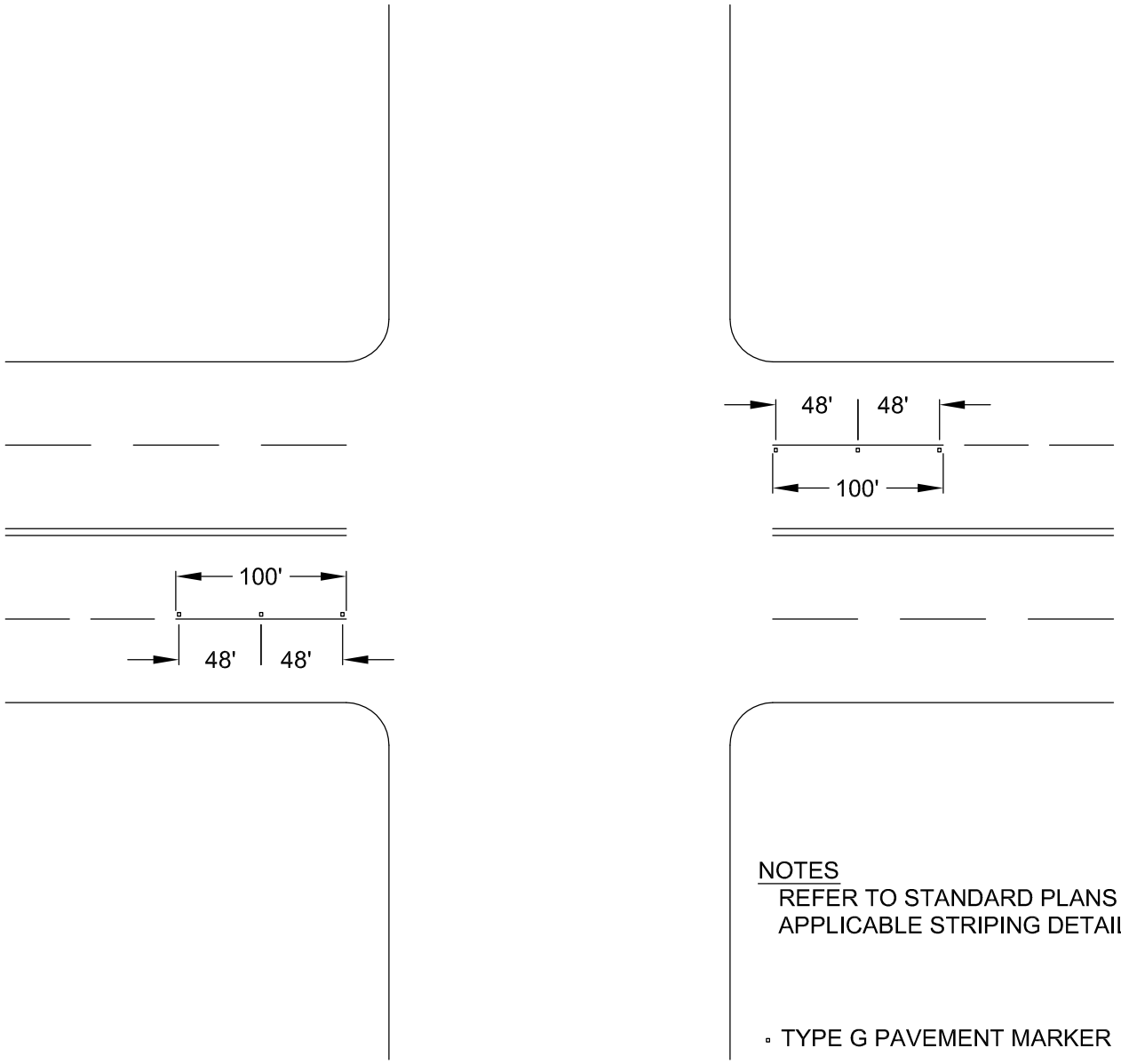


Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin City Engineer R.C.E. 39895 2/12/04 Date	706
Date 2/04						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

LANE LINE STRIPING DETAIL



NOTES

REFER TO STANDARD PLANS FOR APPLICABLE STRIPING DETAILS

▫ TYPE G PAVEMENT MARKER

Dr. JSB	No.	Date	Revision	Appr.
	1	8/13/07	ADDED TYPE G MARKER	
Ch. PJF				
Date 2/04				

Approved By:

F. Wally Sandelin
City Engineer
R.C.E. 39895

8/13/07
Date

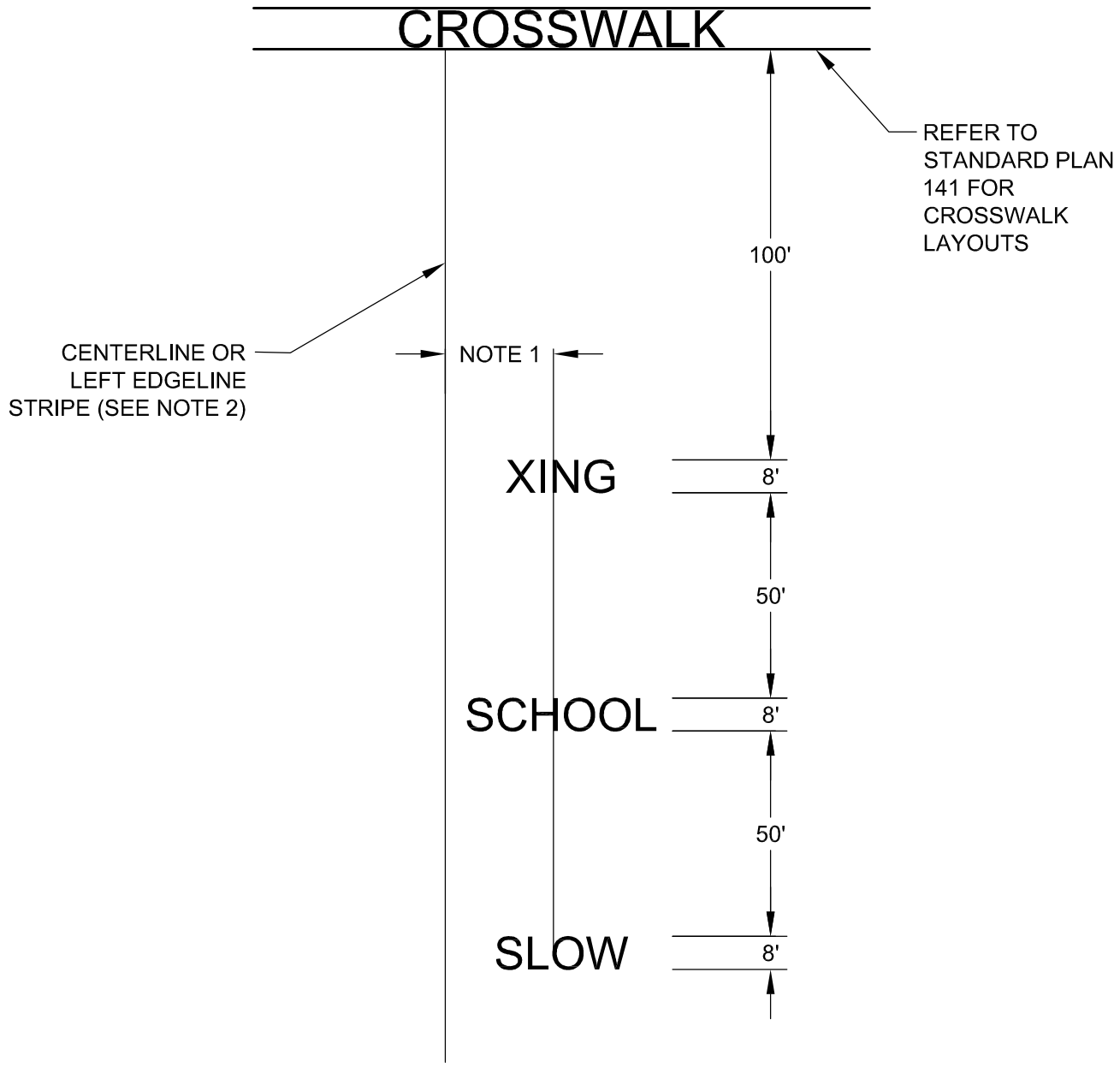
STD PLAN

707

CITY OF LODI

PUBLIC WORKS DEPARTMENT

SCHOOL PAVEMENT MARKING DETAIL



NOTE

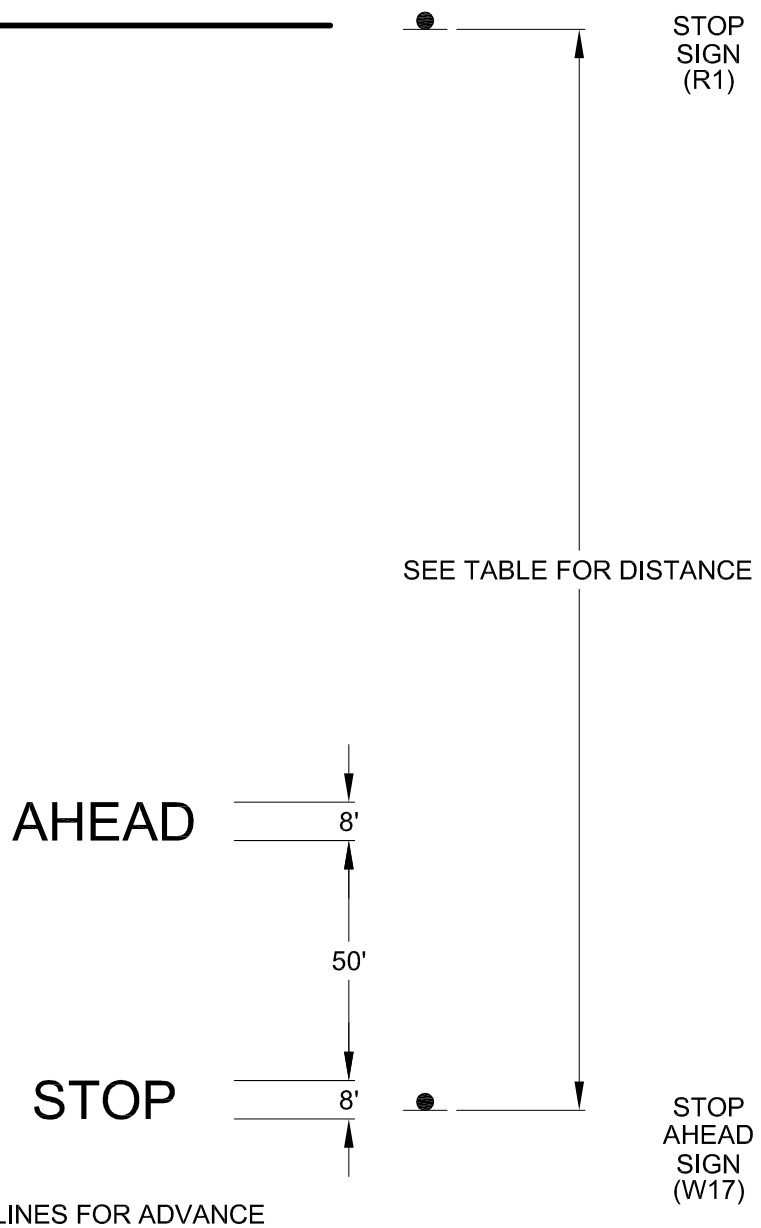
1. CENTER LEGEND IN TRAVEL LANE AT 6' (MAX).
2. FOR MULTIPLE LANES, CENTER THE LEGEND IN TRAVEL LANES EXCLUDING PARKING LANE. 6' (MAX)

Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin City Engineer R.C.E. 39895 2/12/04 Date	708
Date 2/04						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

STOP AHEAD PAVEMENT MARKING DETAIL



ADVANCE PLACEMENT DISTANCE*

POSTED OR 85TH PERCENTILE SPEED	STOP CONDITION
25 MPH	SEE NOTE 1
30 MPH	100 FT
35 MPH	150 FT
40 MPH	225 FT
45 MPH	300 FT
50 MPH	375 FT

REFERENCE MUTCD GUIDELINES FOR ADVANCE PLACEMENT OF WARNING SIGN TABLE

NOTES

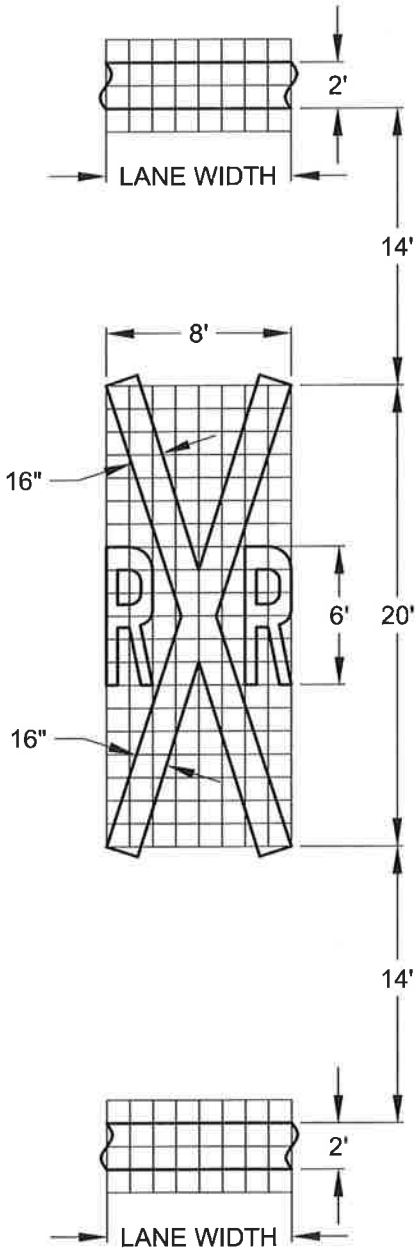
1. NO SUGGESTED MINIMUM DISTANCES ARE PROVIDED FOR THESE SPEEDS, AS PLACEMENT LOCATION IS DEPENDENT ON SITE CONDITIONS AND OTHER SIGNING TO PROVIDE AN ADEQUATE WARNING FOR THE DRIVER.

Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/12/04 Date	709
Date 2/04						

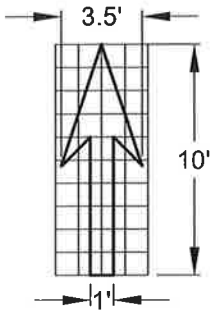
CITY OF LODI

PUBLIC WORKS DEPARTMENT

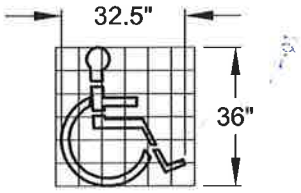
PAVEMENT MARKING DETAILS



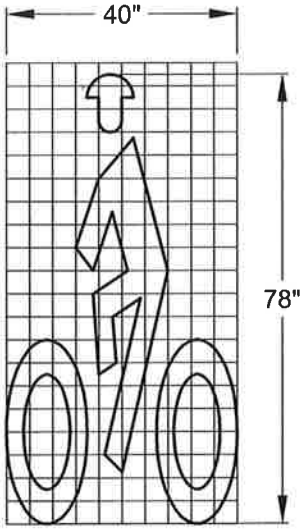
RAILROAD CROSSING SYMBOL
A = 70 SQ. FT.*
12 INCH GRID
*THE 70 SQ. FT. DOES NOT INCLUDE THE 2' X LANE WIDTH TRANSVERSE LINES



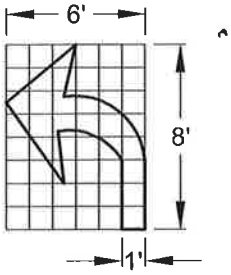
TYPE I (10) ARROW
A = 14 SQ. FT.
12 INCH GRID



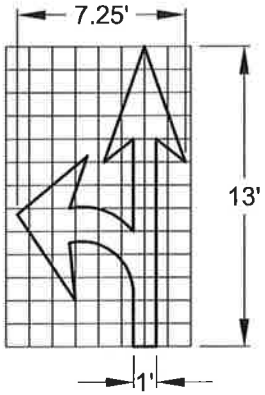
HANDICAPPED PARKING
A = 3 SQ. FT.
6 INCH GRID



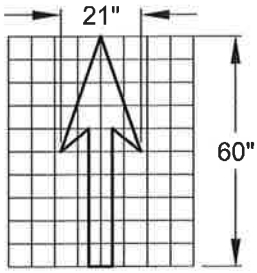
BIKE LANE SYMBOL
A = 7 SQ. FT.
4 INCH GRID



TYPE IV (L) ARROW
(FOR TYPE IV(R) ARROW USE MIRROR IMAGE)
A = 15 SQ. FT.
12 INCH GRID



TYPE VII (L) ARROW
(FOR TYPE VII(R) ARROW USE MIRROR IMAGE)
A = 27 SQ. FT.
12 INCH GRID



BIKE LANE ARROW
A = 7 SQ. FT.
6 INCH GRID

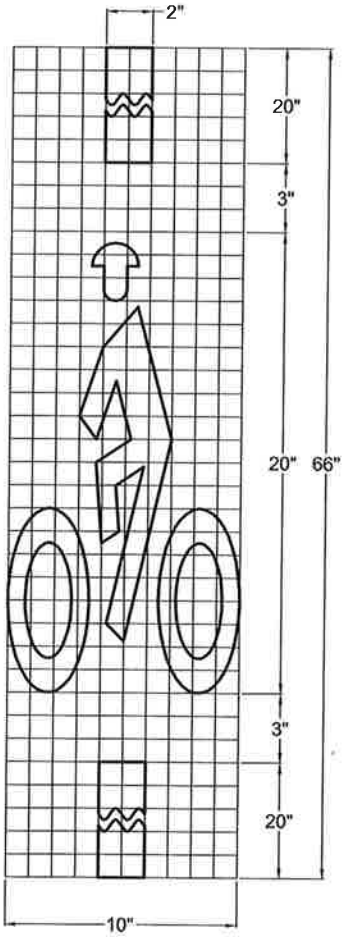
ARROWS TO BE INSTALLED 10' FROM BEGINNING OF TURN POCKET

Dr. JP	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. DK	1	8/17	REVERSED CYCLIST DIRECTION		Lynnin Chang, City Engineer, RCE No. 53149 — Date 8/17/17	710-1
Date						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

PAVEMENT MARKING DETAILS



BICYCLE LOOP DETECTOR SYMBOL

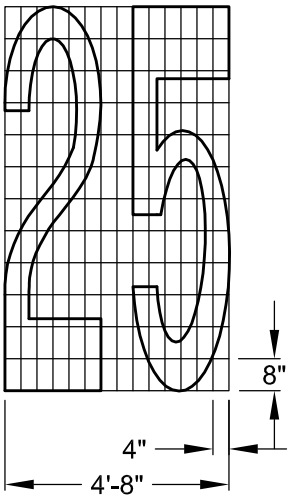
1 INCH GRID

Dr. JP	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. DK	1	8/17	REVERSED CYCLIST DIRECTION		Lyman Chang, City Engineer, RCE No. 53149 — Date 8/17/17	710-2
Date						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

PAVEMENT MARKING DETAILS



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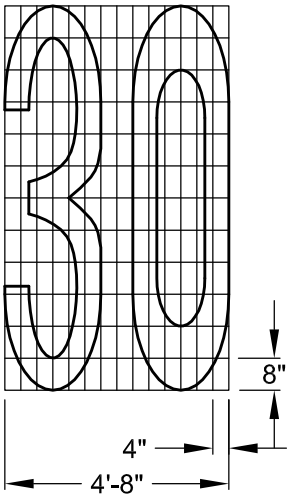

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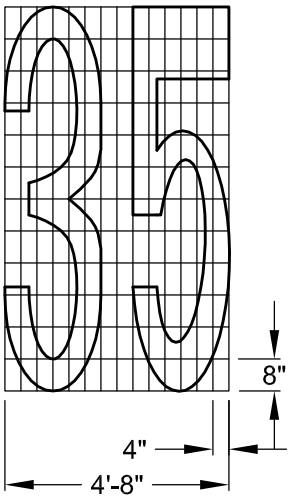

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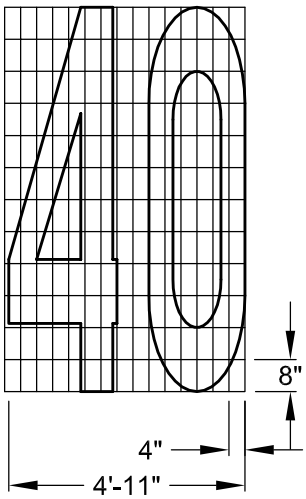
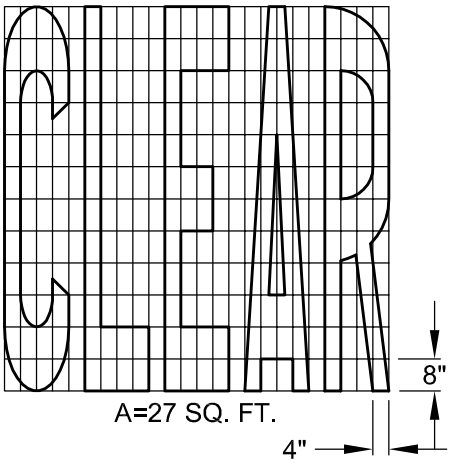


A=19.5 SQ. FT.



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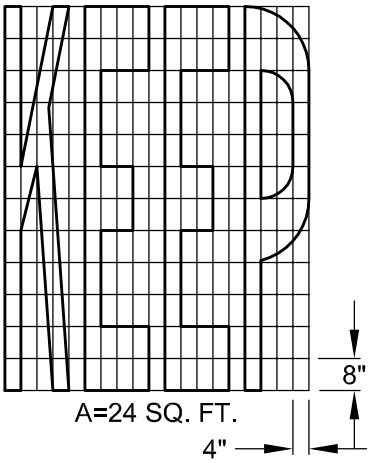


A=24 SQ. FT.

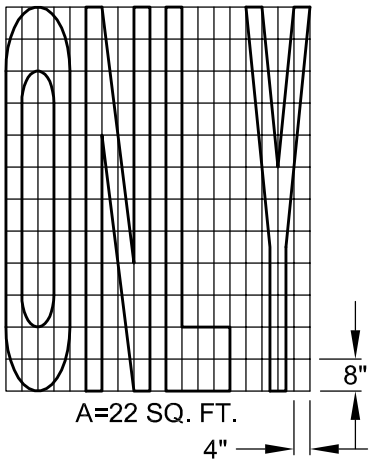
ALL PAVEMENT WORD HEIGHTS ARE 8' TALL UNLESS OTHERWISE NOTED.

Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF	1	8/13/07	ADDED 30 MPH LEGEND		F. Wally Sandelin 8/13/07 F. Wally Sandelin, City Engineer, R.C.E. 39895 — Date	711-1
Date 2/04						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

PAVEMENT MARKING DETAILS



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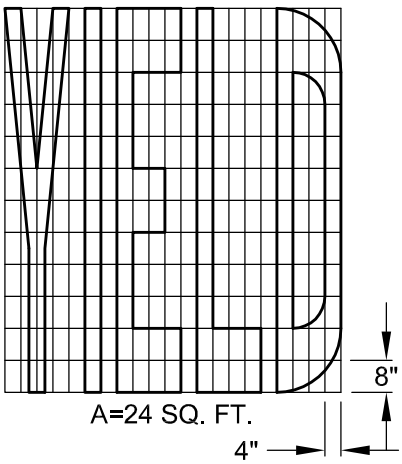

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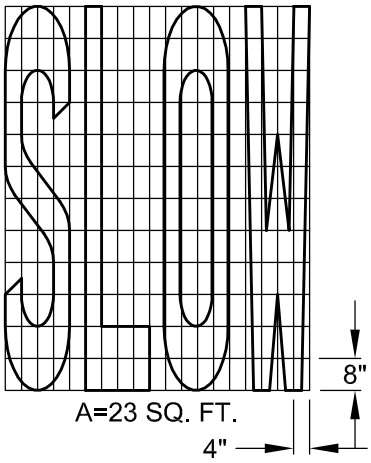

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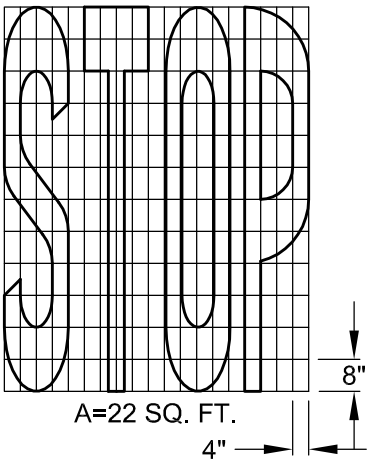

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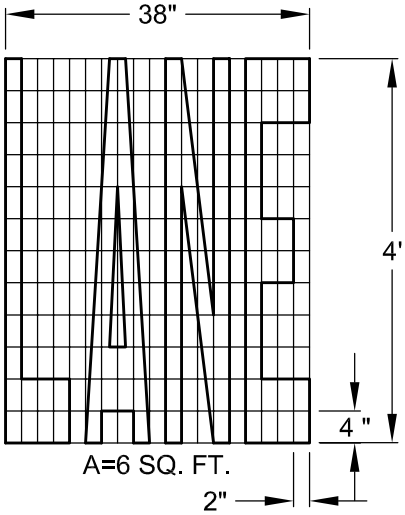


A=6 SQ. FT.

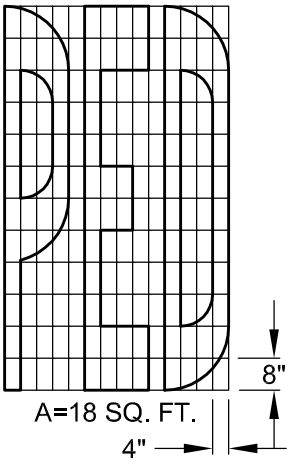
ALL PAVEMENT WORD HEIGHTS ARE 8' TALL UNLESS OTHERWISE NOTED.

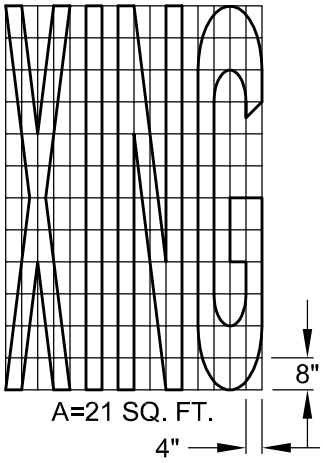
Dr. JSB	No.	Date	Revision	Appr.	Approved By: F. Wally Sandelin, City Engineer, R.C.E. 39895 — Date 2/12/04
Ch. PJF					STD PLAN
Date 2/04					711-2

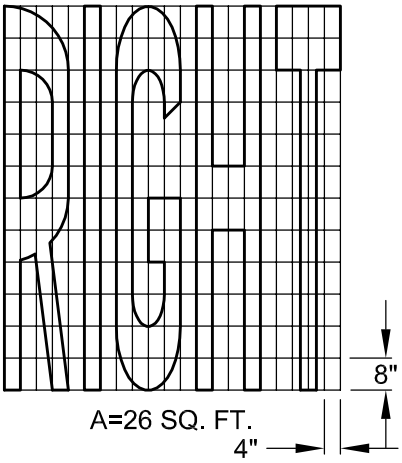
CITY OF LODI

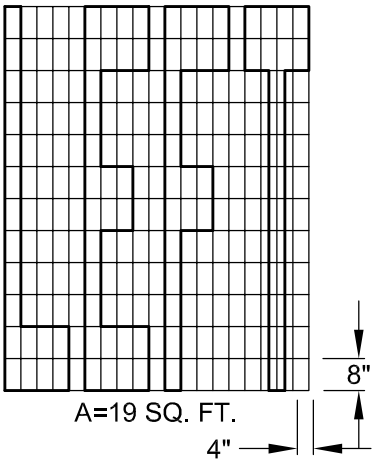
PUBLIC WORKS DEPARTMENT

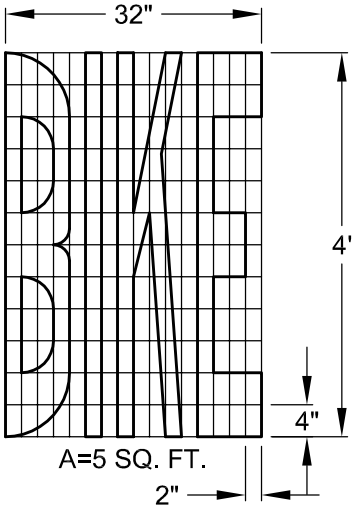
PAVEMENT MARKING DETAILS











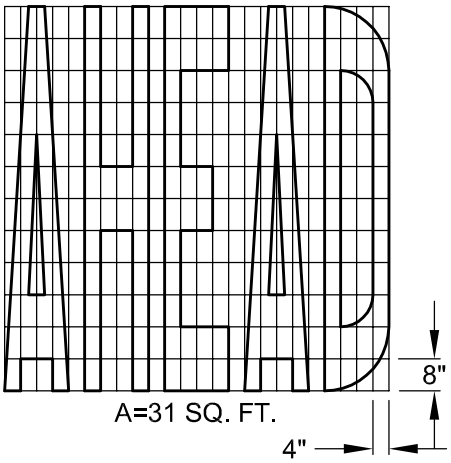
ALL PAVEMENT WORD HEIGHTS ARE 8' TALL UNLESS OTHERWISE NOTED.

Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin City Engineer R.C.E. 39895 2/12/04 Date	711-3
Date 2/04						

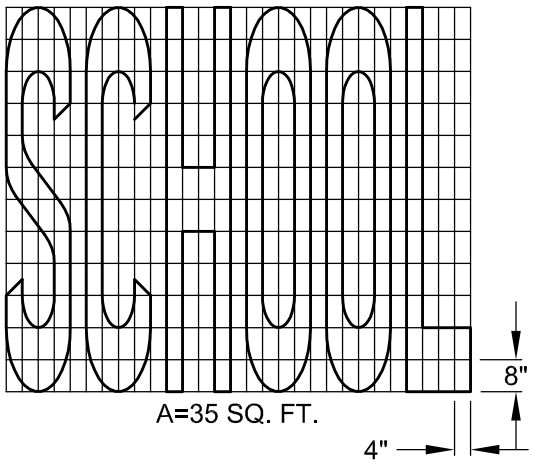
CITY OF LODI

PUBLIC WORKS DEPARTMENT

PAVEMENT MARKING DETAILS



A=31 SQ. FT.



A=35 SQ. FT.

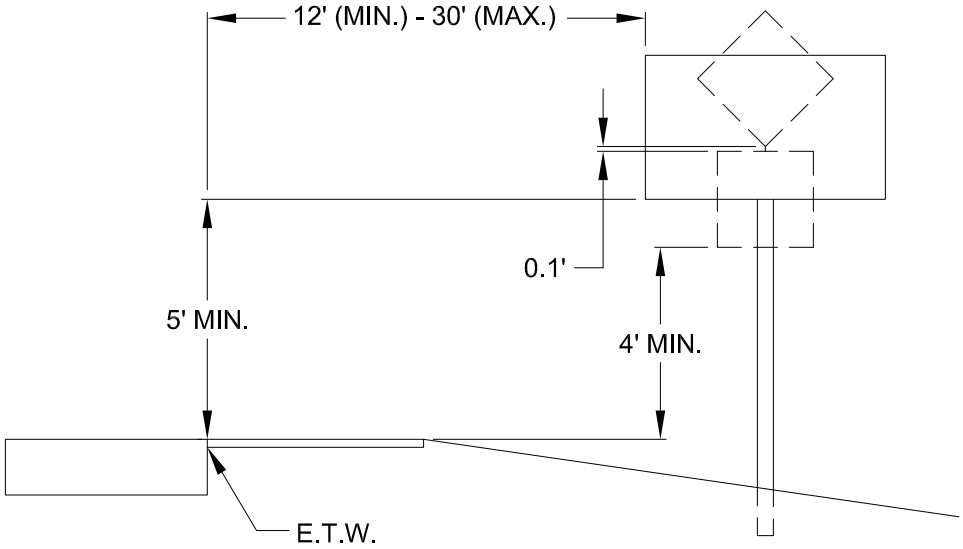
ALL PAVEMENT WORD HEIGHTS ARE 8' TALL UNLESS OTHERWISE NOTED.

Dr. JSB	No.	Date	Revision	Appr.	Approved By: F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/12/04 Date
Ch. PJF					STD PLAN
Date 2/04					711-4

CITY OF LODI

PUBLIC WORKS DEPARTMENT

ROADSIDE SIGN TYPICAL INSTALLATION



E.T.W.= EDGE OF TRAVEL WAY

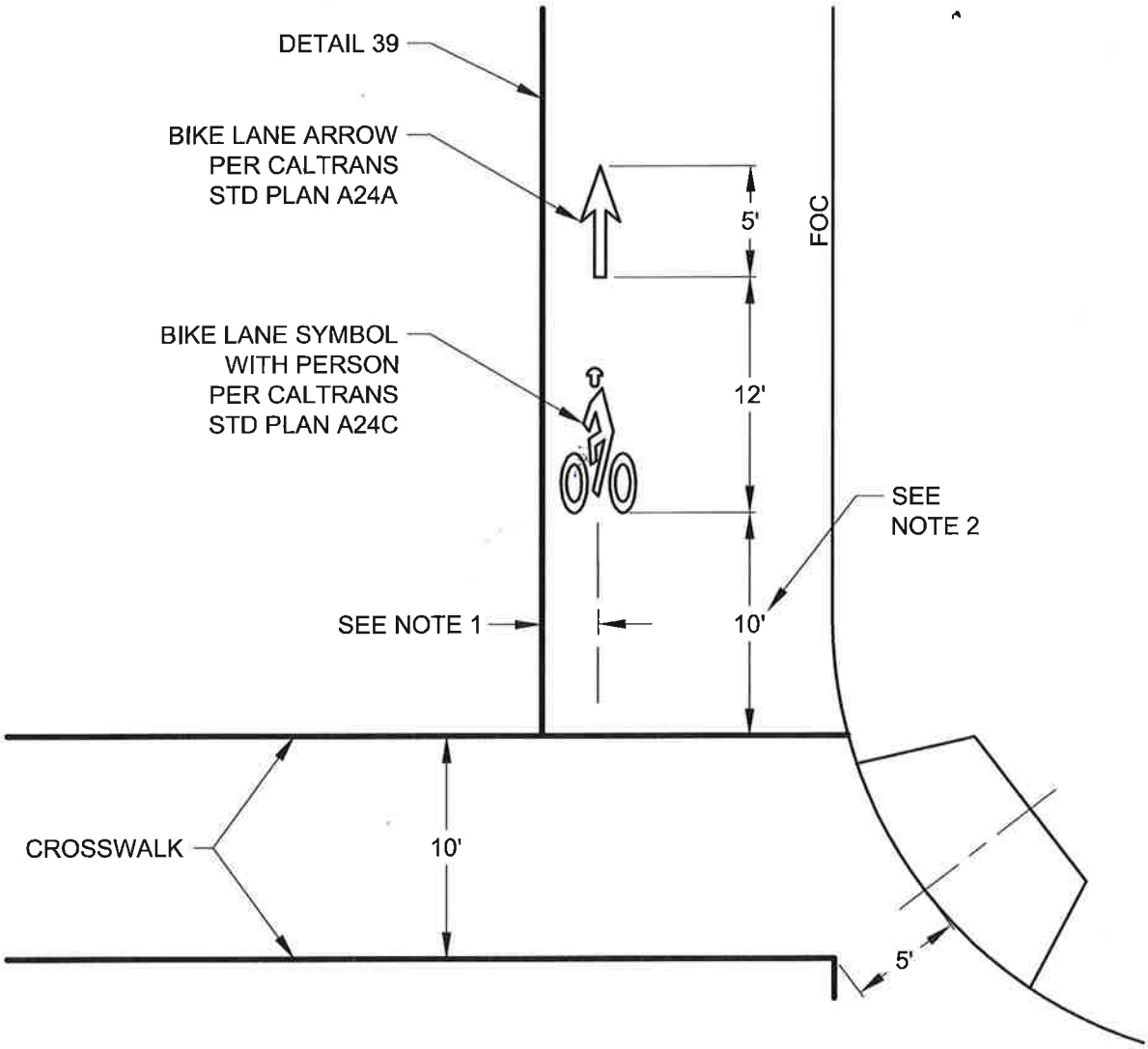
LOCATION WITH NO CURBING/ AC BERM

Dr. JSB	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					F. Wally Sandelin City Engineer R.C.E. 39895 — 2/11/04 Date	712
Date 2/04						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

BIKE LANE PAVEMENT MARKING DETAIL



NOTES:

1. CENTER LEGEND IN BIKE LANE.
   ASSUME 8' MIN PARKING LANE WIDTH IF NO PARKING LANE STRIPED.

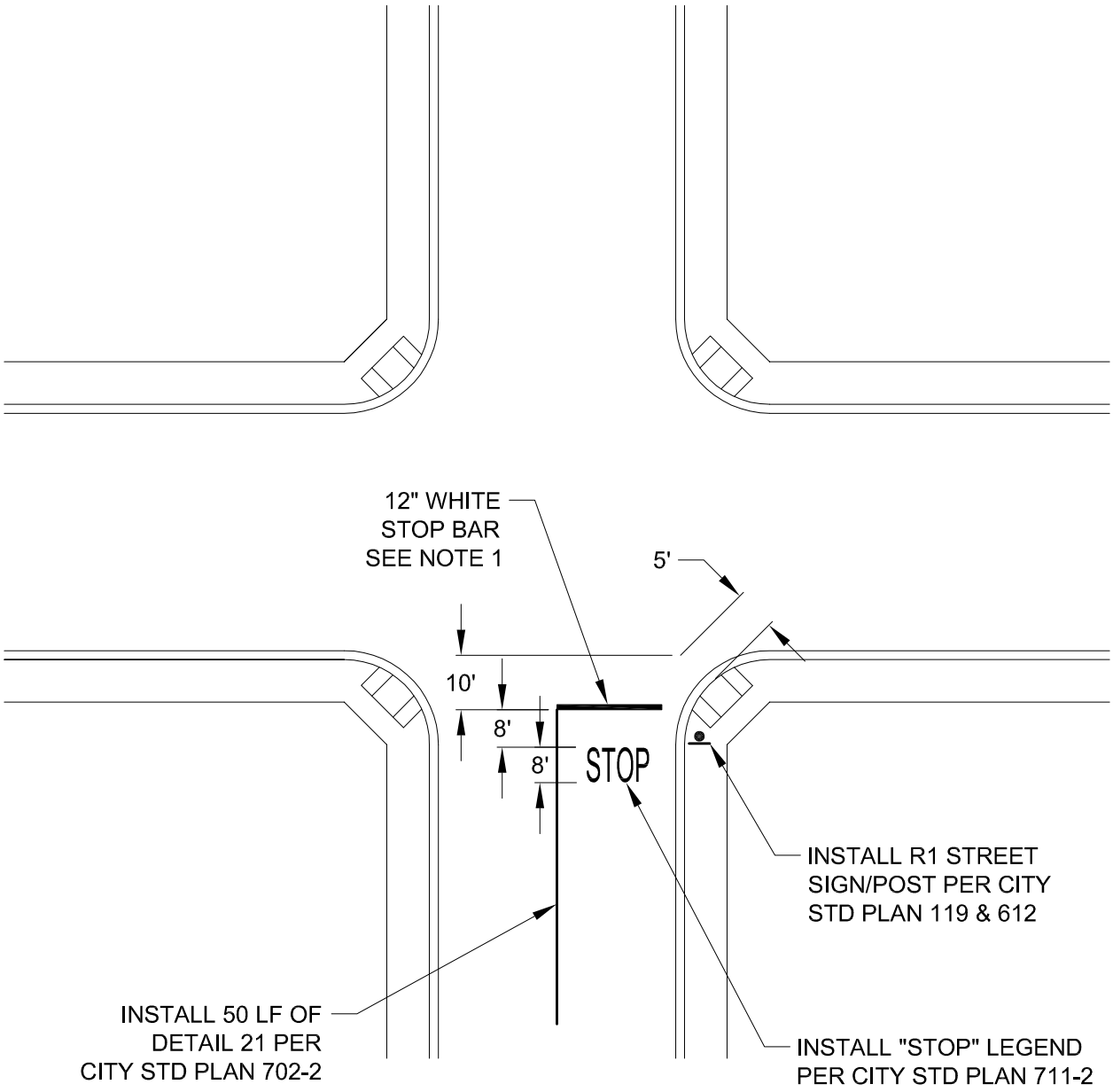
2. AT LOCATIONS WITHOUT CROSSWALKS, USE SIMILAR DIMENSIONS AS UNMARKED CROSSWALK.

Dr. JP	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. DK	1	4/07	ADDED NOTES		8/17/17	713
Date	2	8/17	REMOVED "BIKE LANE"		Lyman Chang, City Engineer, RCE No. 53149 — Date	

CITY OF LODI

PUBLIC WORKS DEPARTMENT

STOP PAVEMENT MARKINGS AND DETAIL 21



NOTES:

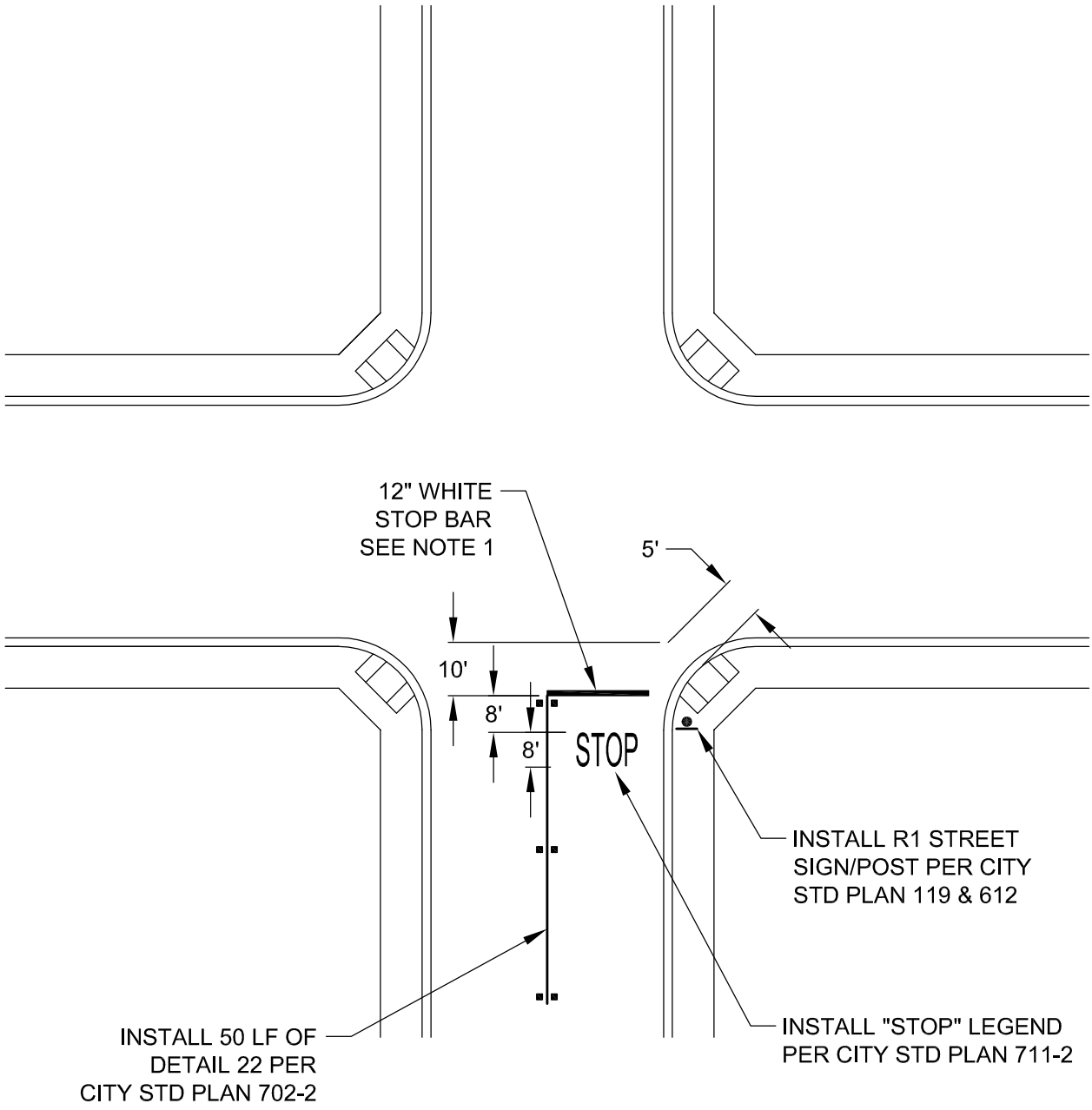
1. STOP BAR MAY BE INSTALLED AT ALTERNATE LOCATION AS APPROVED BY CITY ENGINEER.

Dr. KBG	No.	Date	Revision	Appr.	Approved By:	STD PLAN
	1	2/05	NEW STANDARD PLAN		F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/2/05 Date	714
Ch. PJF						
Date 11/04						

CITY OF LODI

PUBLIC WORKS DEPARTMENT

STOP PAVEMENT MARKINGS AND DETAIL 22



NOTES:

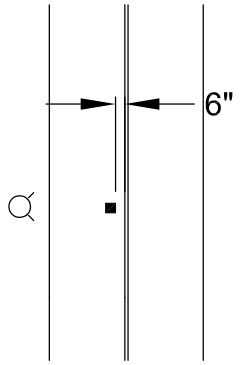
1. STOP BAR MAY BE INSTALLED AT ALTERNATE LOCATION AS APPROVED BY CITY ENGINEER.

Dr. KBG	No.	Date	Revision	Appr.	Approved By:	STD PLAN
	1	2/05	NEW STANDARD PLAN		F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/2/05 Date	715
Ch. PJF						
Date 11/04						

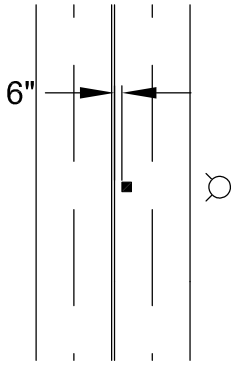
CITY OF LODI

PUBLIC WORKS DEPARTMENT

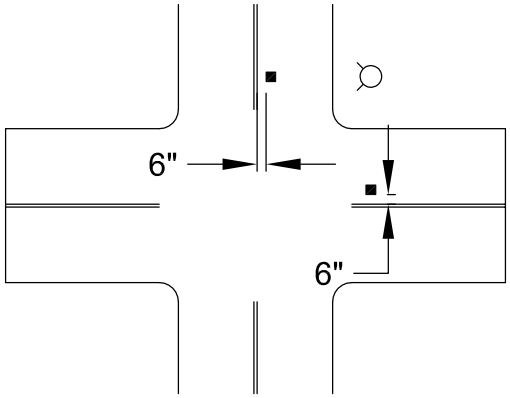
FIRE HYDRANT PAVEMENT MARKER LOCATIONS



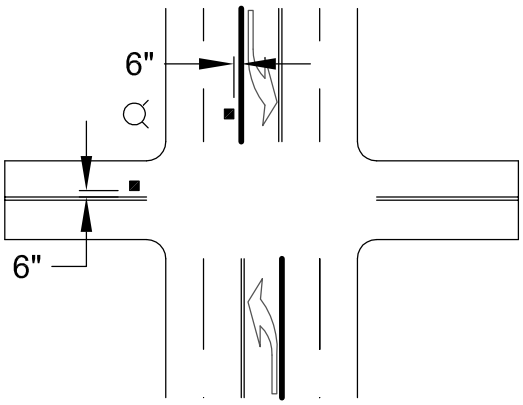
TWO LANE STREET



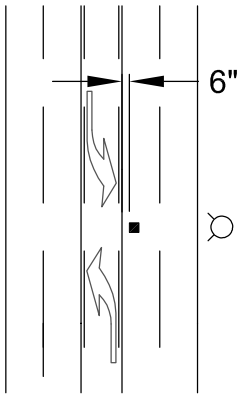
MULTI-LANE STREET



TWO LANE STREET
AT INTERSECTION



FOUR LANE STREET WITH
TURN LANE AT INTERSECTION



MULTI-LANE STREET
WITH TURN LANE

LEGEND

HYDRANT

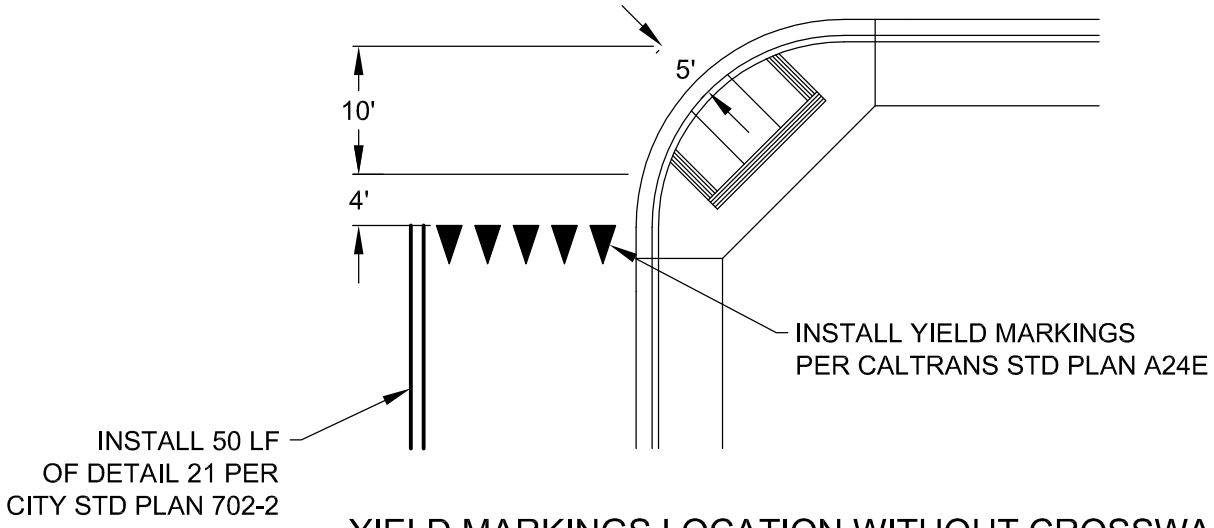
BLUE RETROREFLECTIVE
PAVEMENT MARKER
PER STANDARD PLAN 700

Dr. KBG	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF	1	2/05	NEW STANDARD PLAN		F. Wally Sandelin, City Engineer, R.C.E. 39895 — 2/2/05 Date	716
Date 11/04						

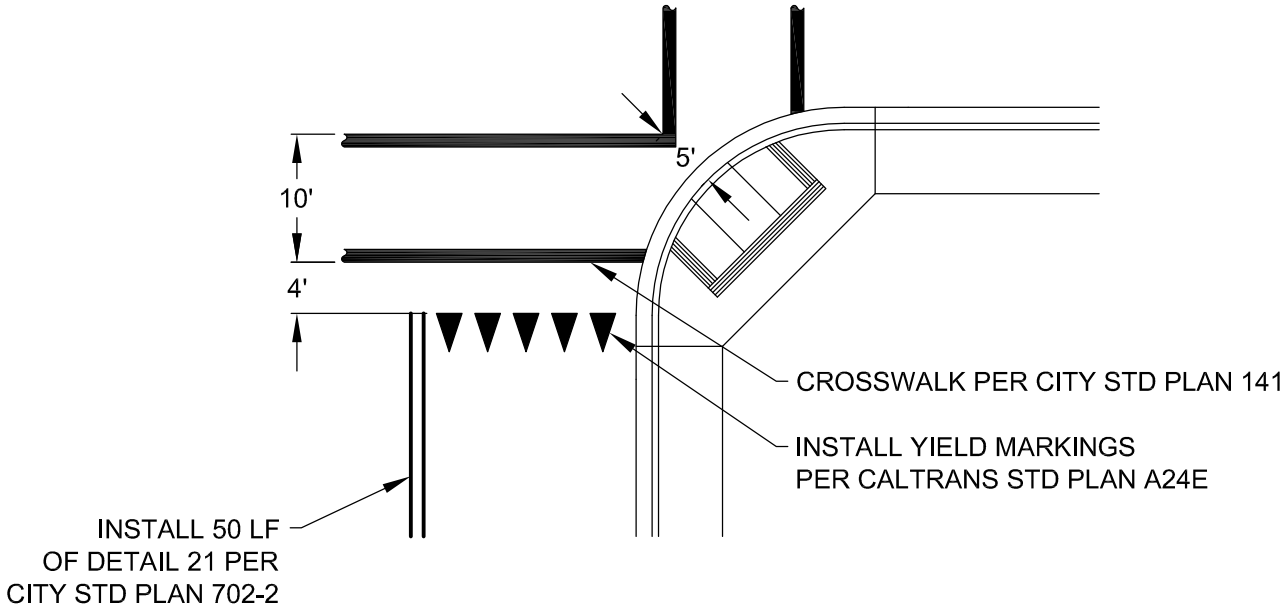
CITY OF LODI

PUBLIC WORKS DEPARTMENT

YIELD PAVEMENT MARKING



YIELD MARKINGS LOCATION WITHOUT CROSSWALK



YIELD MARKINGS LOCATION AT CROSSWALK

NOTES:

1. YIELD MARKINGS MAY BE INSTALLED AT ALTERNATE LOCATION AS APPROVED BY CITY ENGINEER.

Dr. DK	No.	Date	Revision	Appr.	Approved By:	STD PLAN
Ch. PJF					Charlie Swimley City Engineer / Deputy Public Works Director RCE No. 52842 — Date	717
Date 2/25/15						