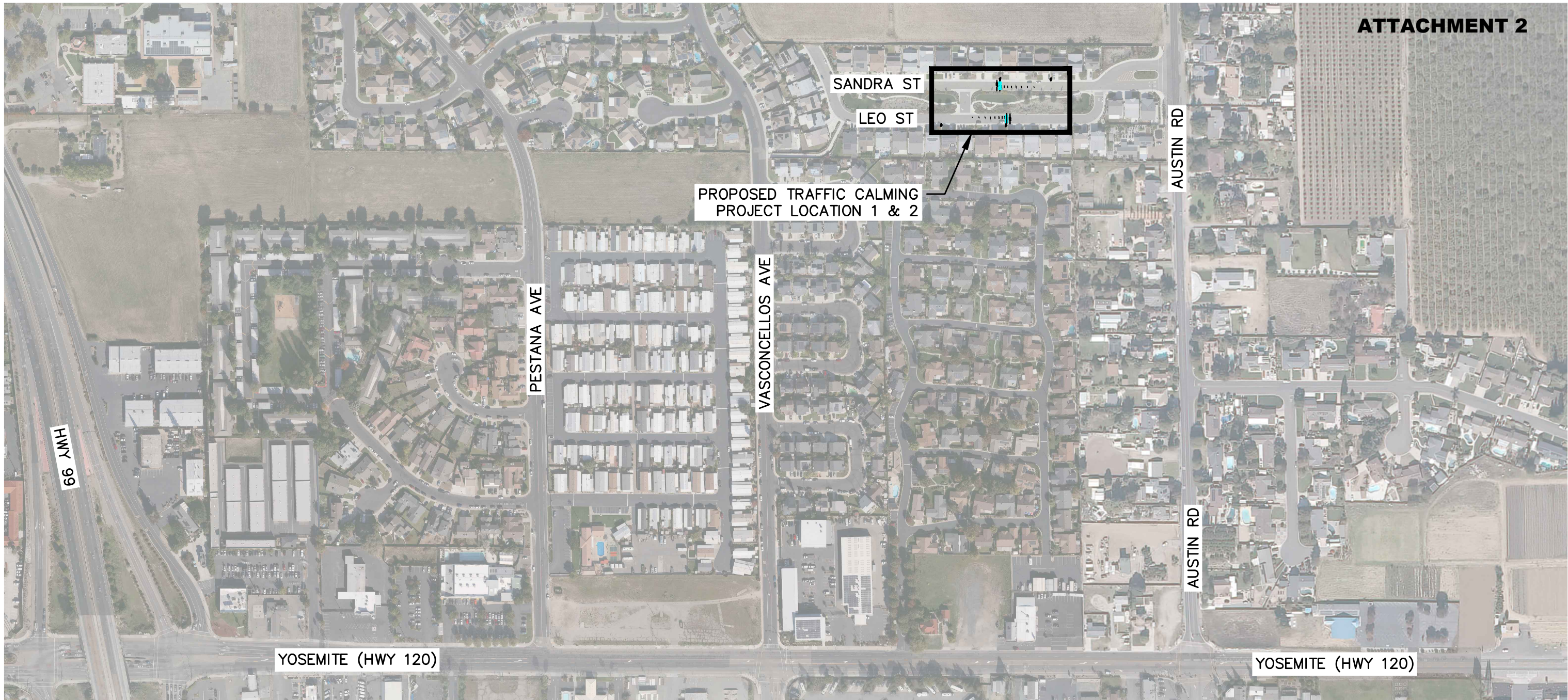


\\UTOPIA\ENGR\PM\ENGR\804- TRAFFIC ENGINEERING\804-02- TRAFFIC CALMING\70-2025-07-31 SANDRA ST & LEO ST\08 STAGE 2 PROPOSAL 08-1 EXHIBIT 08-1 AUTOCAD\VI-SANDRA ST & LEO ST -TRAFFIC CALMING.DWG



ATTACHMENT 2

NOTES:

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3. ALL SIGN DIMENSIONS AND LETTERING SHALL CONFORM TO CALTRANS OR FHWA SIGN SPECIFICATIONS.
4. THE BOTTOM OF THE PROPOSED SIGNS MUST BE MINIMUM 7 FT ABOVE THE SIDEWALK SURFACE.
5. ANGLE OF SIGN PLACEMENT SHALL BE DETERMINED DURING INSTALLATION FOR BEST LEGIBILITY BY THE TRAFFIC THEY INTEND TO SERVE.
6. VERIFY ALL CONTROLLING DIMENSIONS PRIOR TO CONSTRUCTION.
7. TRIMMING TREES MUST BE APPLIED AND THE LINE OF SIGHT MUST BE TESTED FOR ALL NEWLY INSTALLED SIGNS.
8. SPEED LUMPS MUST BE TRAFFIC LOGIX RUBBER SPEED CUSHIONS 7'L X 6'W X 3"H WITH MUTCD ARROW OR APPROVED EQUAL.
9. ALL EXISTING TRAFFIC SIGNS AND STRIPING SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED.
10. ALL FADED OR WORN STRIPING SHALL BE REFRESHED AS NEEDED.
11. ALL NEW STRIPING SHALL BE THERMOPLASTIC.



SCALE = 1:300

APPROVED SUBJECT TO THE DATA SHOWN.
CITY OF MANTECA IS NOT RESPONSIBLE
FOR ERRORS AND OR OMISSIONS THAT
MAY BE PRESENT ON THESE PLANS.



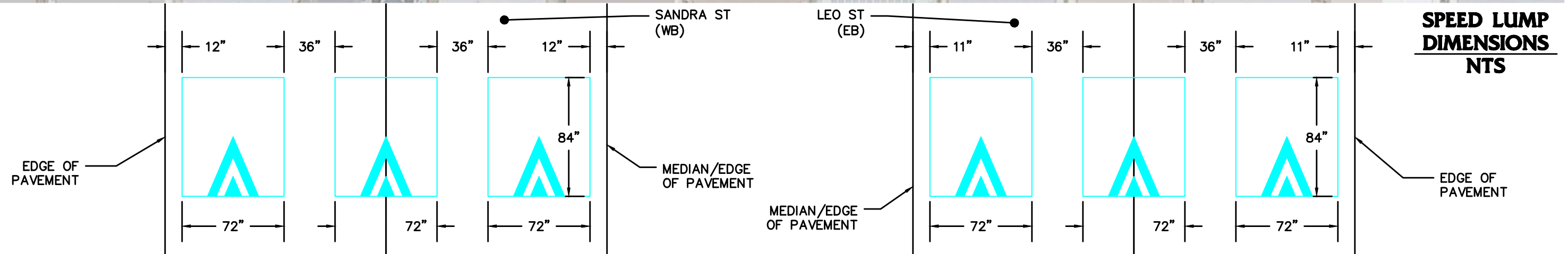
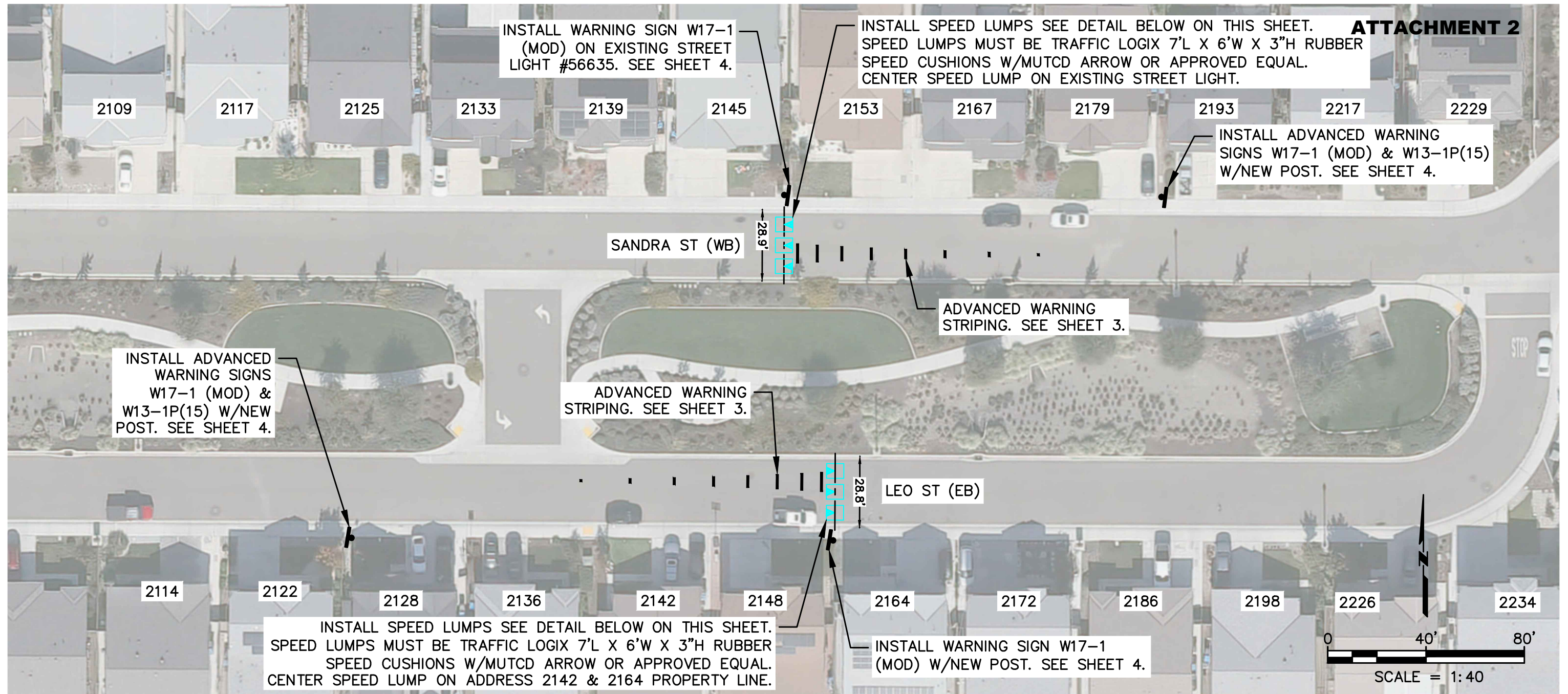
CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/06/25

SANDRA ST & LEO ST
TRAFFIC CALMING
VICINITY MAP

SHEET
1
OF **4** SHEETS

\\UTOPIA\ENGR\PM\ENGR\804-TRAFFIC ENGINEERING\804-02-TRAFFIC CALMING\70-2025-07-31 SANDRA ST & LEO ST\08 STAGE 2 PROPOSAL 08-1 EXHIBIT 08-1A AUTOCAD\VI-SANDRA ST & LEO ST -TRAFFIC CALMING.DWG



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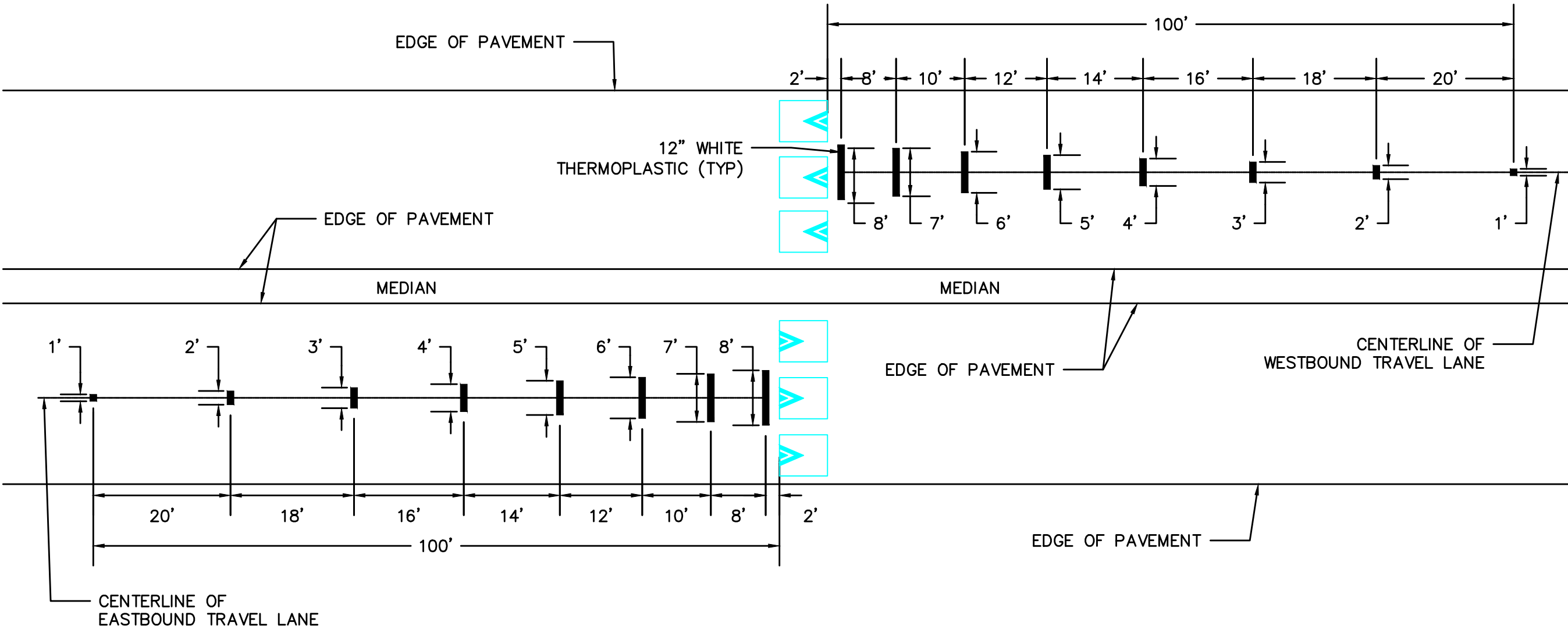


CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/08/25

**SANDRA ST & LEO ST
TRAFFIC CALMING
LOCATION 1 & 2**

SHEET
2
OF **4** SHEETS



ADVANCED WARNING STRIPING
DETAIL 1.1
NTS

APPROVED SUBJECT TO THE DATA SHOWN.
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CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/06/28

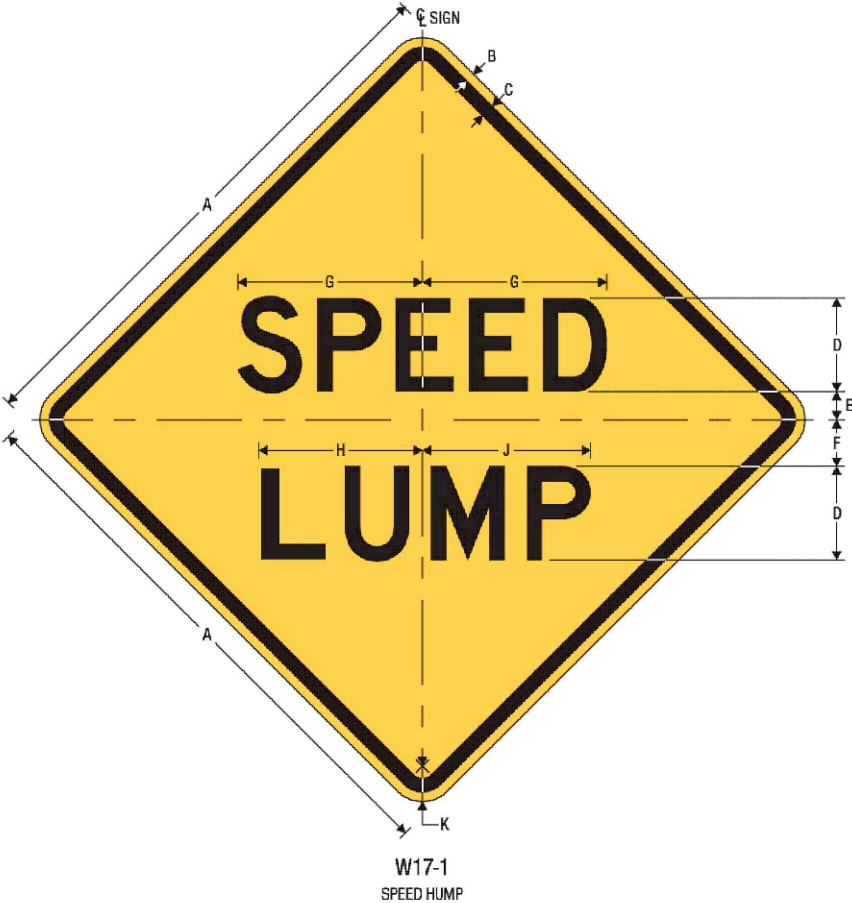
**SANDRA ST & LEO ST
TRAFFIC CALMING
DETAILS 1**

SHEET
3
OF **4** SHEETS

\\UTOPIA\ENGR\PMENGA\804-TRAFFIC ENGINEERING\804-02-TRAFFIC CALMING\70-2025-07-31 SANDRA ST & LEO ST\08 STAGE 2 PROPOSAL\08-1 EXHIBIT\08-1A AUTOCAD\VI-SANDRA ST & LEO ST -TRAFFIC CALMING.DWG

ROADSIDE SIGN PANEL QUANTITIES								ATTACHMENT 2	
SIGN QUANTITIES	SIGN DESIGNATION	SIGN MESSAGE/ DESCRIPTION	PANEL SIZE (INCHES)	SINGLE FACED	BACKGROUND		LEGEND & BORDER		PREMIUM PROTECTIVE FILM
					SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	
4	W17-1	SPEED LUMP	30 X 30	X	YELLOW	XI	BLACK	-	X
2	W13-1P(15)	15 MPH	18 X 18	X	YELLOW	XI	BLACK	-	X

NOTE: SIGN PANEL RETROREFLECTIVE MATERIAL SHALL BE PER CALTRANS AUTHORIZED MATERIALS LIST.



A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 D	1.25	2	7.886	6.961	7.210	1.5
30	0.5	0.75	5 D	1.5	2.5	9.857	8.732	8.982	1.875
36	0.625	0.875	6 D	1.875	3	11.828	10.379	10.878	2.25
48	0.75	1.25	8 D	2.5	4	15.771	13.921	14.421	3

COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



A	B	C	D	E	F	G	H	J
18	.375	.625	2.5	8 E	2	3 E	4.723	1.5
24	.375	.625	3.625	10 E	2.75	4 E	6.284	1.5
30	.5	.75	4.5	12 E	4	5 E	7.416	1.875

WARNING SIGN COLORS:

LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)



W17-1
(MODIFIED)



W13-1P (15)
W13-1P (15)

WARNING SIGNS
DETAIL 1.2
NTS

APPROVED SUBJECT TO THE DATA SHOWN.
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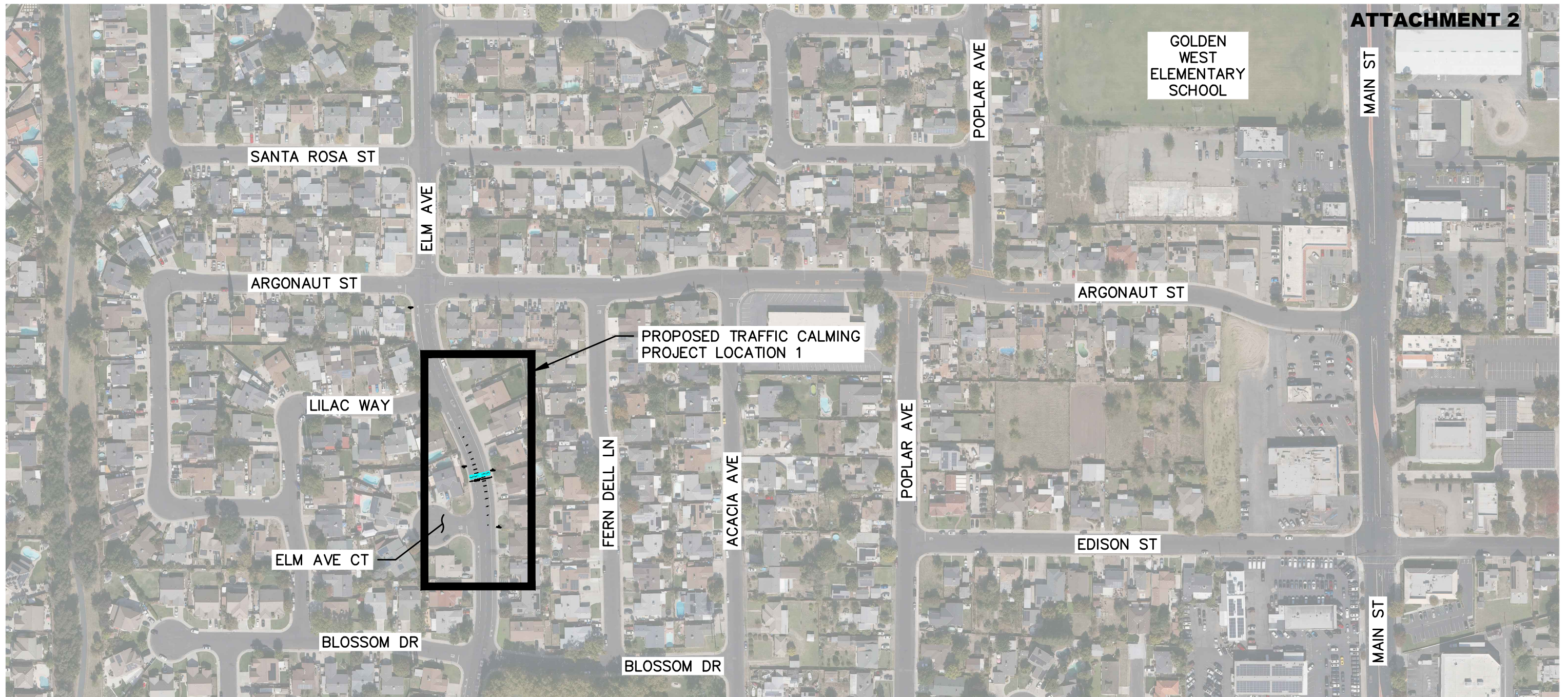
CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/08/28

SANDRA ST & LEO ST
TRAFFIC CALMING
DETAILS 2

SHEET
4
OF 4 SHEETS

\\UTOPIA\ENGR\PM\ENGR\804 TRAFFIC ENGINEERING\804-02 TRAFFIC CALMING\41-2024-02-29 ELM AV.08 STAGE 2 PROPOSAL\08-1 EXHIBIT\08-1A AUTOCAD\V2-ELM AVE-TRAFFIC CALMING.DWG



ATTACHMENT 2

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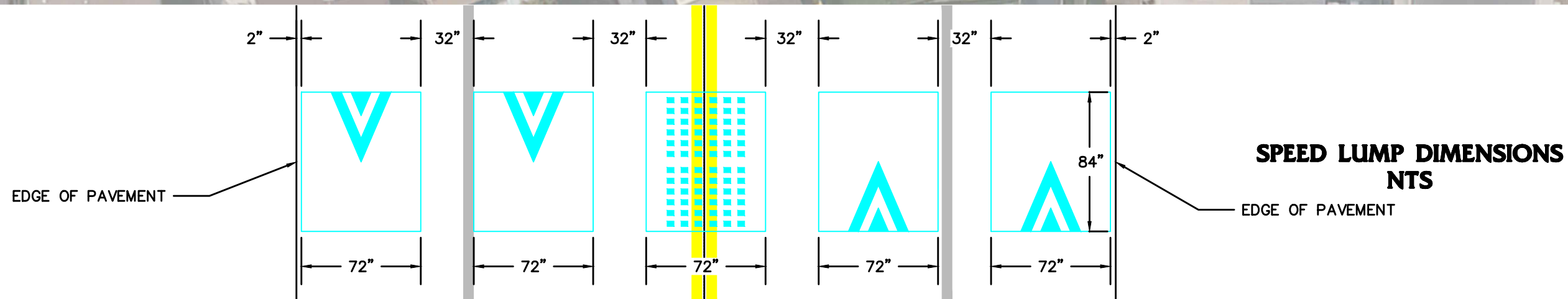
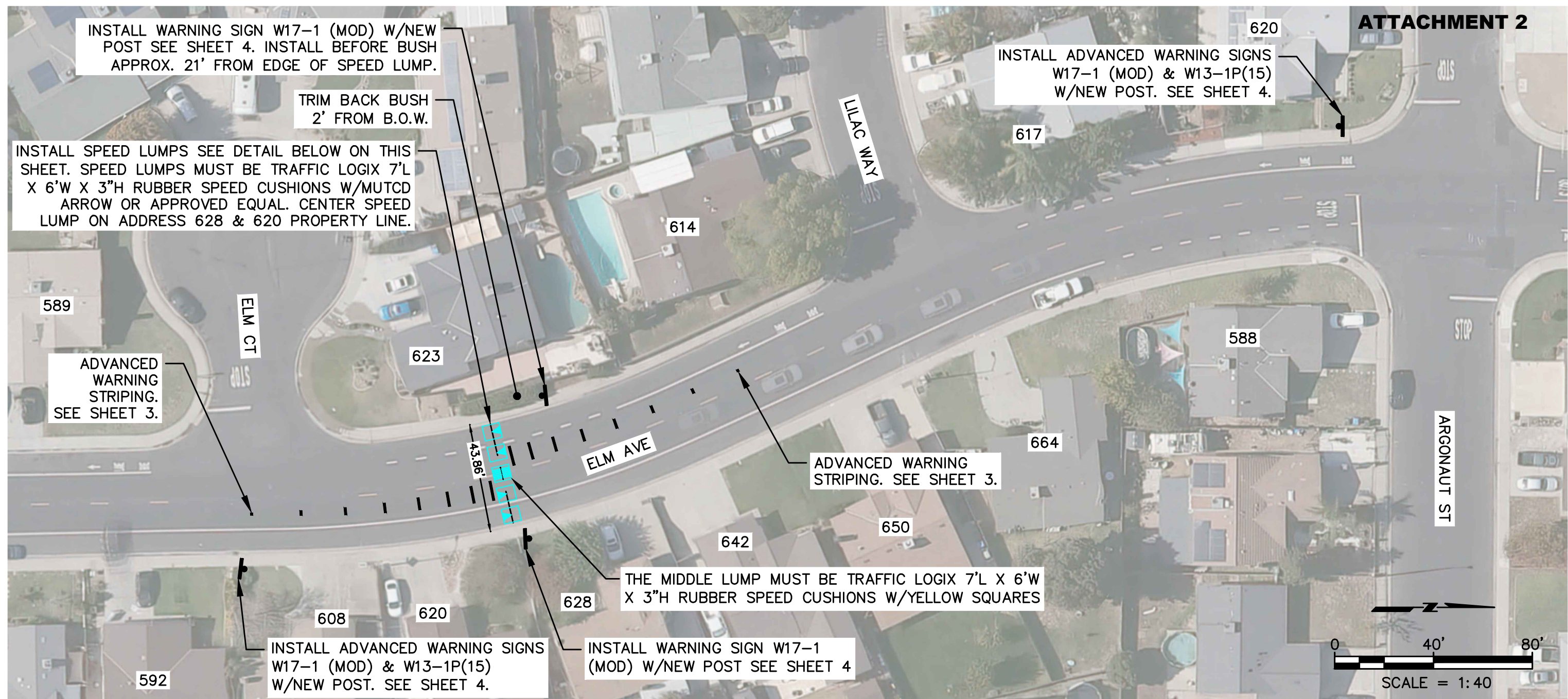
CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN	TITLE
DESIGNED	JS/BD	
DRAWN	JS	
CHECKED	BD	
DATE	07/06/26	

ELM AVE
TRAFFIC CALMING
VICINITY MAP

SHEET
1
OF **4** SHEETS

\\UTOPIA\ENGR\PMENGA\804 TRAFFIC ENGINEERING\804-02 TRAFFIC CALMING\41-2024-02-29 ELM AV\08 STAGE 2 PROPOSAL\08-1 EXHIBIT\08-1A AUTOCAD\V2-ELM AVE-TRAFFIC CALMING.DWG



APPROVED SUBJECT TO THE DATA SHOWN.
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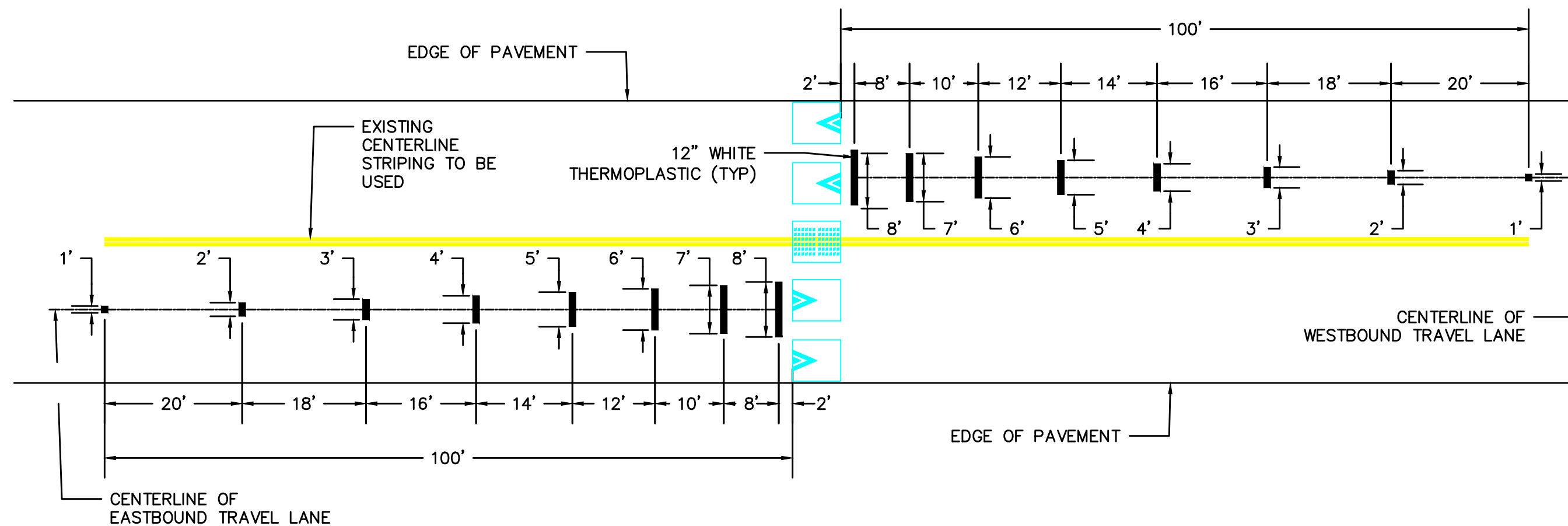


CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/06/28

**ELM AVE
TRAFFIC CALMING
LOCATION 1**

SHEET
2
OF **4** SHEETS



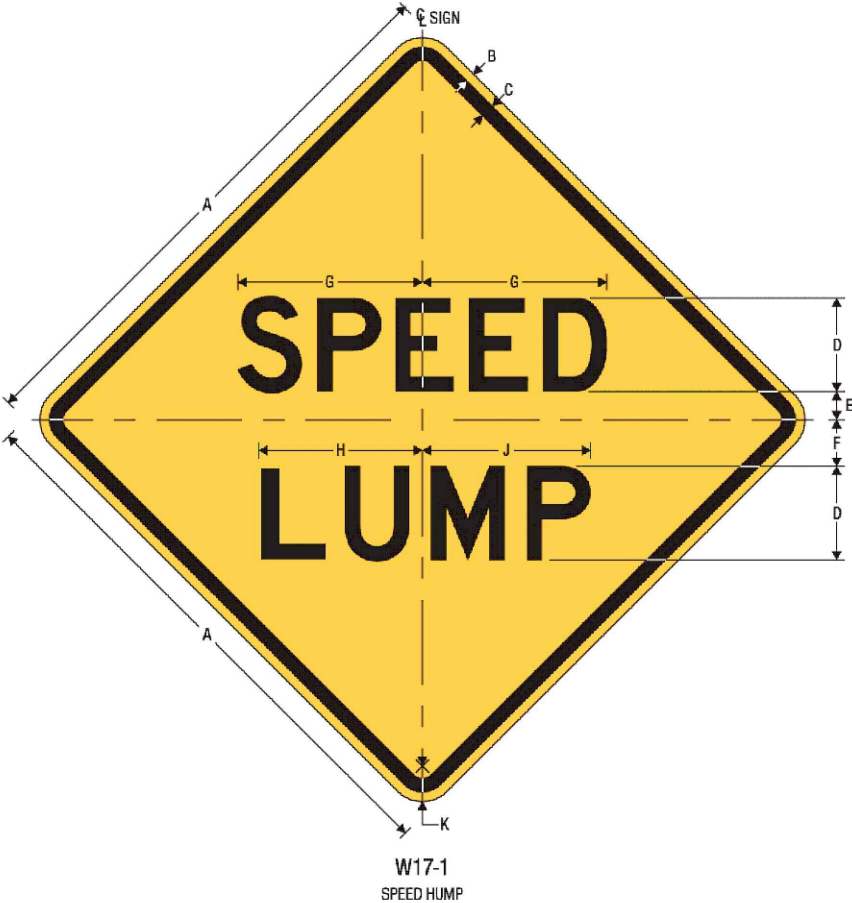
ADVANCED WARNING STRIPING DETAIL 1.1 NTS



\\UTOPIA\ENGR\PMENGA\804 TRAFFIC ENGINEERING\804-02 TRAFFIC CALMING\41-2024-02-29 ELM AV\08 STAGE 2 PROPOSAL\08-1 EXHIBIT\08-1A AUTOCAD\V2-ELM AVE-TRAFFIC CALMING.DWG

ROADSIDE SIGN PANEL QUANTITIES									ATTACHMENT 2
SIGN QUANTITIES	SIGN DESIGNATION	SIGN MESSAGE/ DESCRIPTION	PANEL SIZE (INCHES)	SINGLE FACED	BACKGROUND		LEGEND & BORDER		PREMIUM PROTECTIVE FILM
					SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	
4	W17-1 (MOD)	SPEED LUMP	30 X 30	X	YELLOW	XI	BLACK	-	X
2	W13-1P (15)	15 MPH	18 X 18	X	YELLOW	XI	BLACK	-	X

NOTE: SIGN PANEL RETROREFLECTIVE MATERIAL SHALL BE PER CALTRANS AUTHORIZED MATERIALS LIST.



A	B	C	D	E	F	G	H	J	K
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30	0.5	0.75	5 D	1.5	2.5	9.857	8.732	8.982	1.875
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COLORS: LEGEND, BORDER — BLACK
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18	.375	.625	2.5	8 E	2	3 E	4.723	1.5
24	.375	.625	3.625	10 E	2.75	4 E	6.284	1.5
30	.5	.75	4.5	12 E	4	5 E	7.416	1.875

WARNING SIGN COLORS:

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BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

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BACKGROUND — ORANGE (RETROREFLECTIVE)



W17-1
(MODIFIED)



W13-1P (15)
W13-1P (15)

WARNING SIGNS DETAIL 1.2 NTS

APPROVED SUBJECT TO THE DATA SHOWN.
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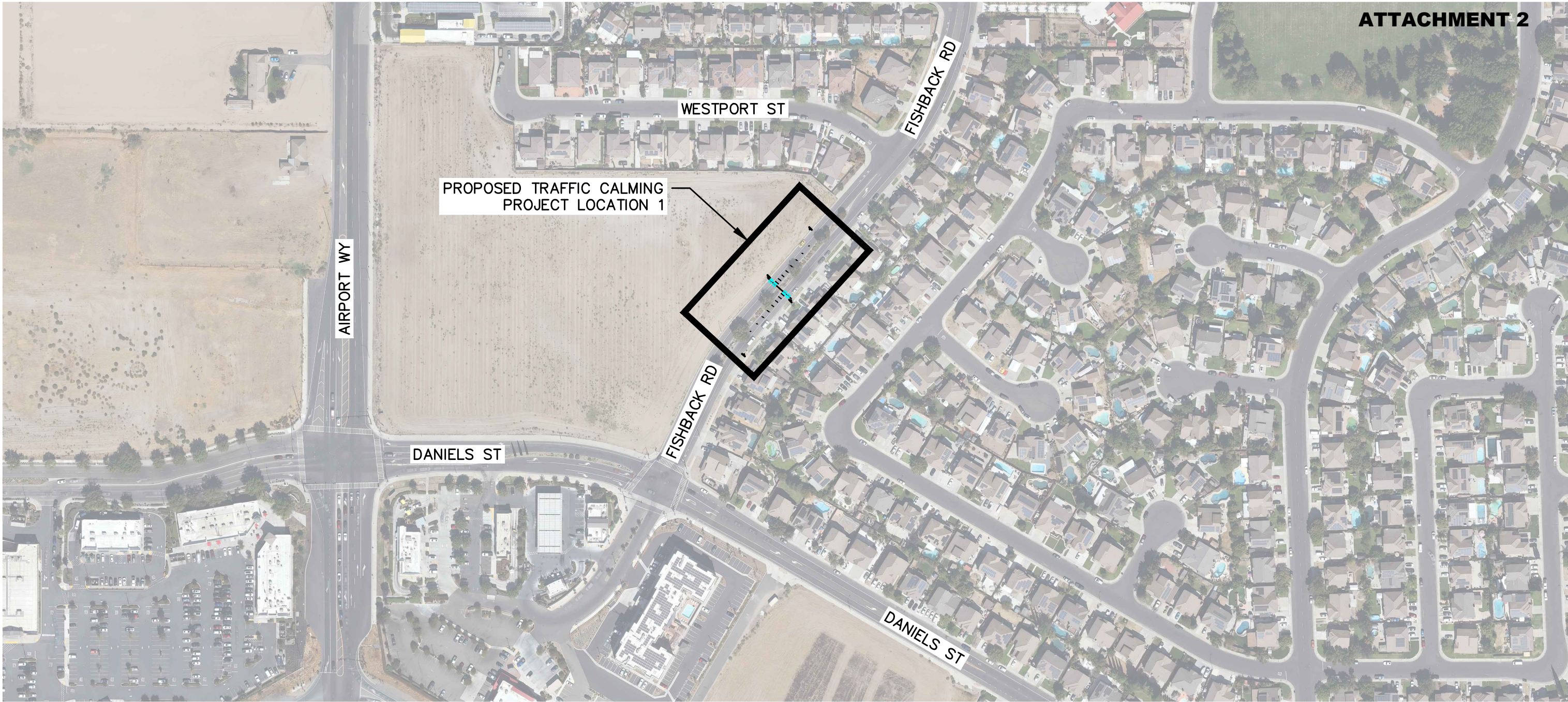


CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

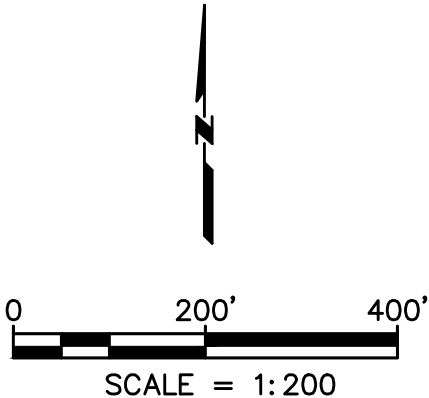
SCALE	AS SHOWN	TITLE
DESIGNED	JS/BD	
DRAWN	JS	
CHECKED	BD	
DATE	07/08/28	

**ELM AVE
TRAFFIC CALMING
DETAILS 2**

SHEET
4
OF **4** SHEETS



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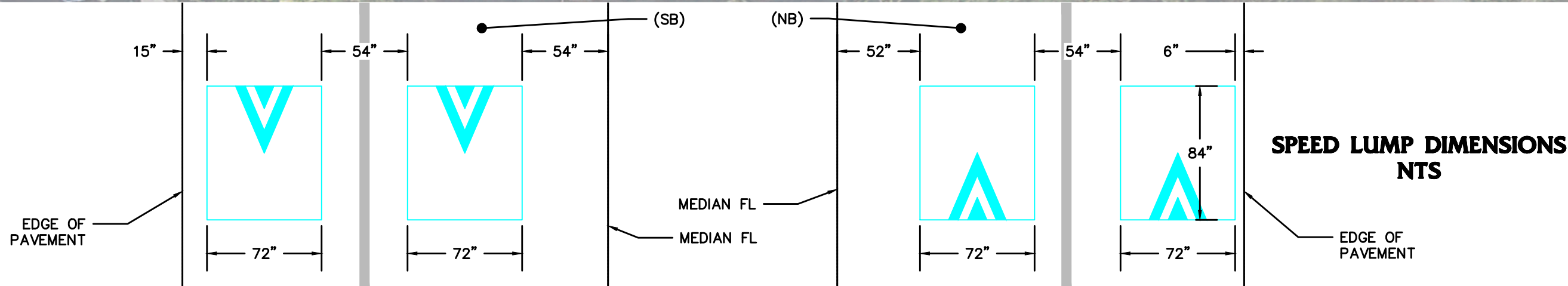
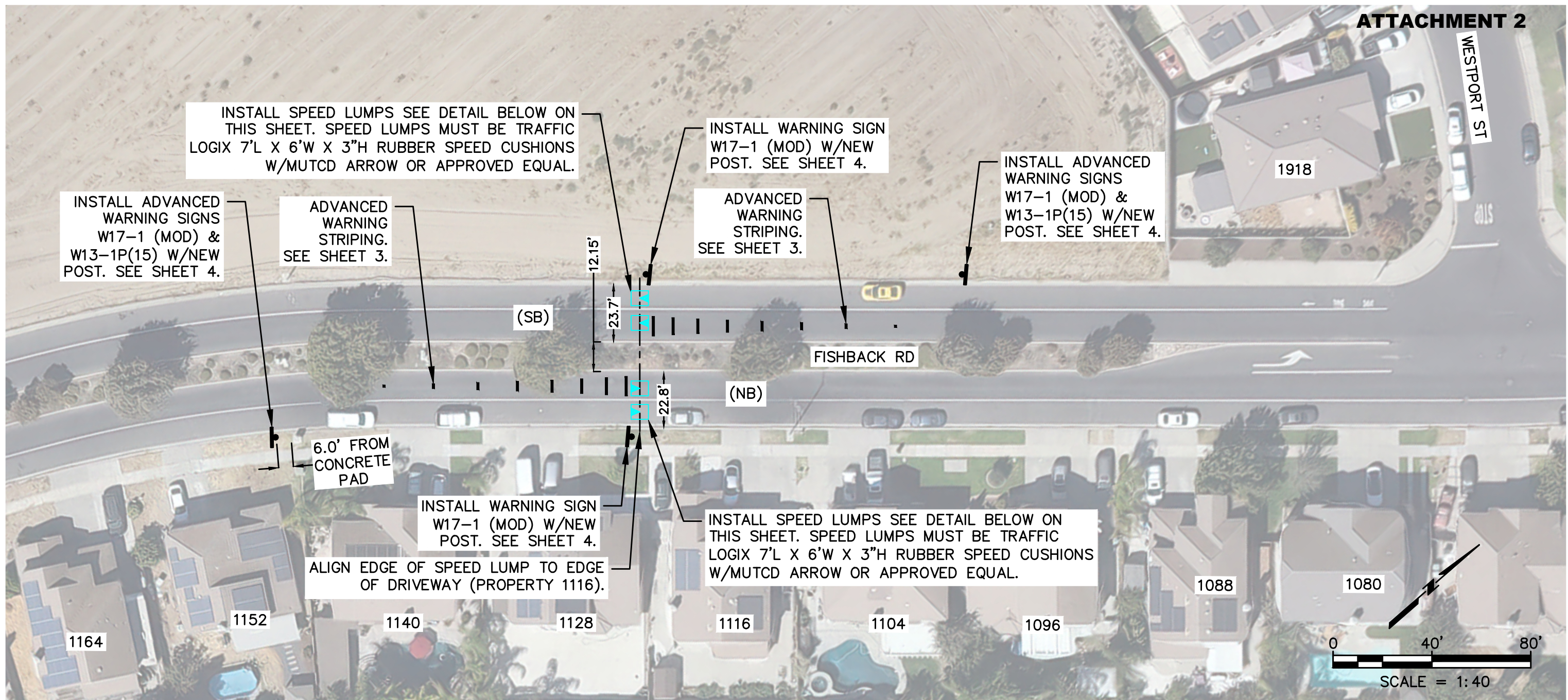


CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/06/28

FISHBACK RD
TRAFFIC CALMING
VICINITY MAP

SHEET
1
OF **4** SHEETS



APPROVED SUBJECT TO THE DATA SHOWN.
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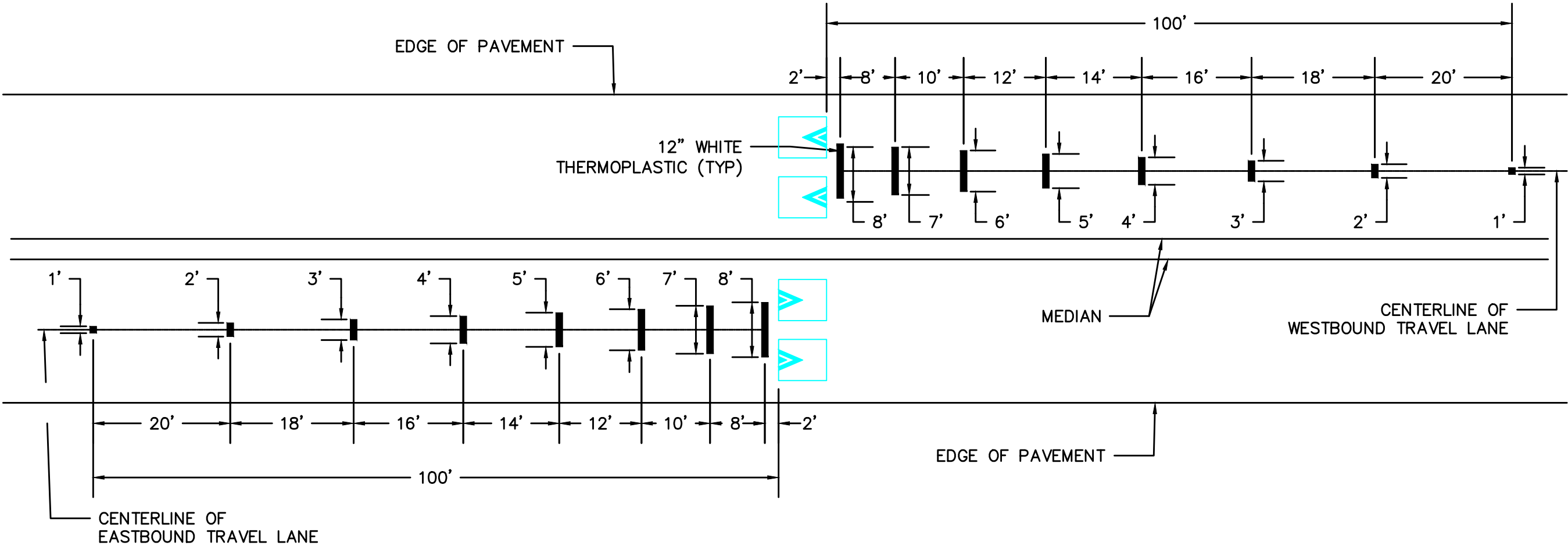


CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
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DATE	07/06/28

**FISHBACK RD
TRAFFIC CALMING
LOCATION 1**

SHEET
2
OF **4** SHEETS



ADVANCED WARNING STRIPING
DETAIL 1.1
NTS

APPROVED SUBJECT TO THE DATA SHOWN.
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CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

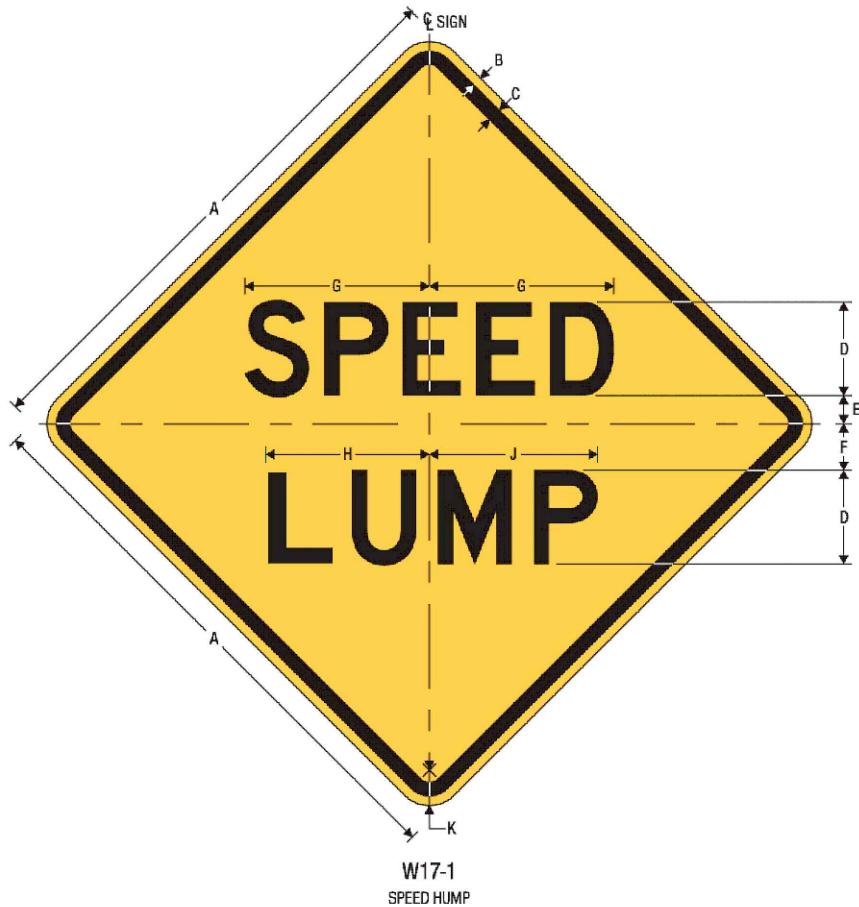
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DRAWN	JS
CHECKED	BD
DATE	07/06/28

**FISHBACK RD
TRAFFIC CALMING
DETAILS 1**

SHEET
3
OF **4** SHEETS

ROADSIDE SIGN PANEL QUANTITIES									
SIGN QUANTITIES	SIGN DESIGNATION	SIGN MESSAGE/ DESCRIPTION	PANEL SIZE (INCHES)	SINGLE FACED	BACKGROUND		LEGEND & BORDER		PREMIUM PROTECTIVE FILM
					SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	
4	W17-1	SPEED LUMP	30 X 30	X	YELLOW	XI	BLACK	-	X
2	W13-1P(15)	15 MPH	18 X 18	X	YELLOW	XI	BLACK	-	X

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24	0.375	0.625	4 D	1.25	2	7.886	6.961	7.210	1.5
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TTC SIGN COLORS:

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W17-1
(MODIFIED)



W13-1P (15)
W13-1P (15)

WARNING SIGNS
DETAIL 1.2
NTS

APPROVED SUBJECT TO THE DATA SHOWN.
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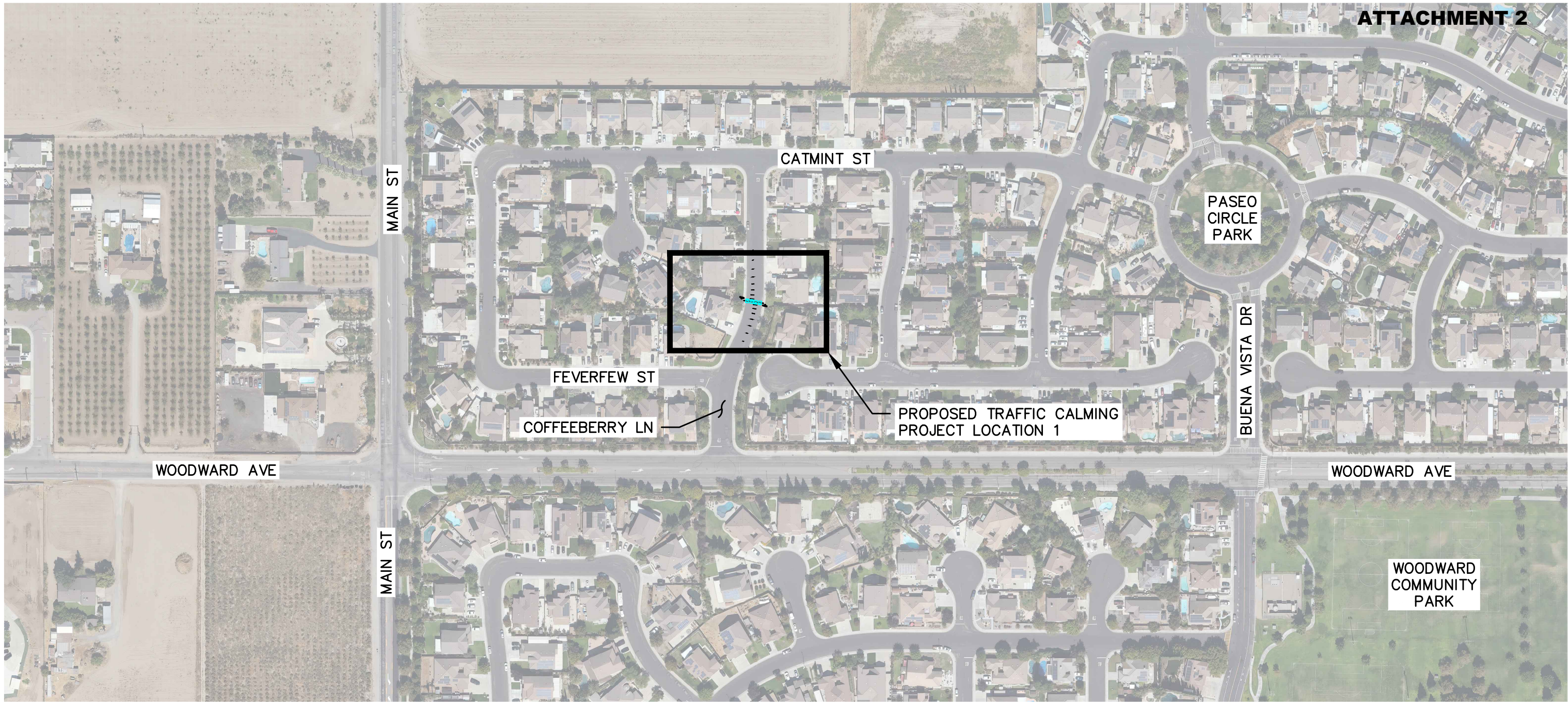
CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN	TITLE
DESIGNED	JS/BD	
DRAWN	JS	
CHECKED	BD	
DATE	07/06/28	

FISHBACK RD
TRAFFIC CALMING
DETAILS 2

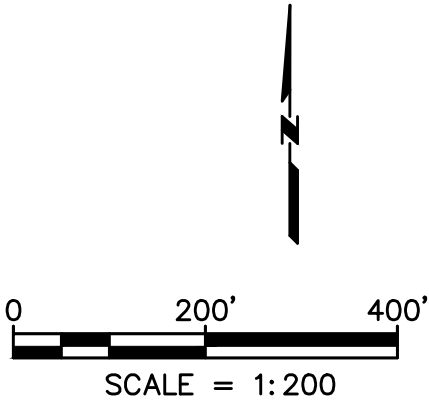
SHEET
4
OF 4 SHEETS

\\UTOPIA\ENGR\PM\ENGR\804- TRAFFIC ENGINEERING\804-02- TRAFFIC CALMING\89-2025-10-07 COFFEEBERRY LN\08 STAGE 2- PROPOSAL 08-1A AUTOCAD\VI-COFFEEBERRY LN-TRAFFIC CALMING.DWG



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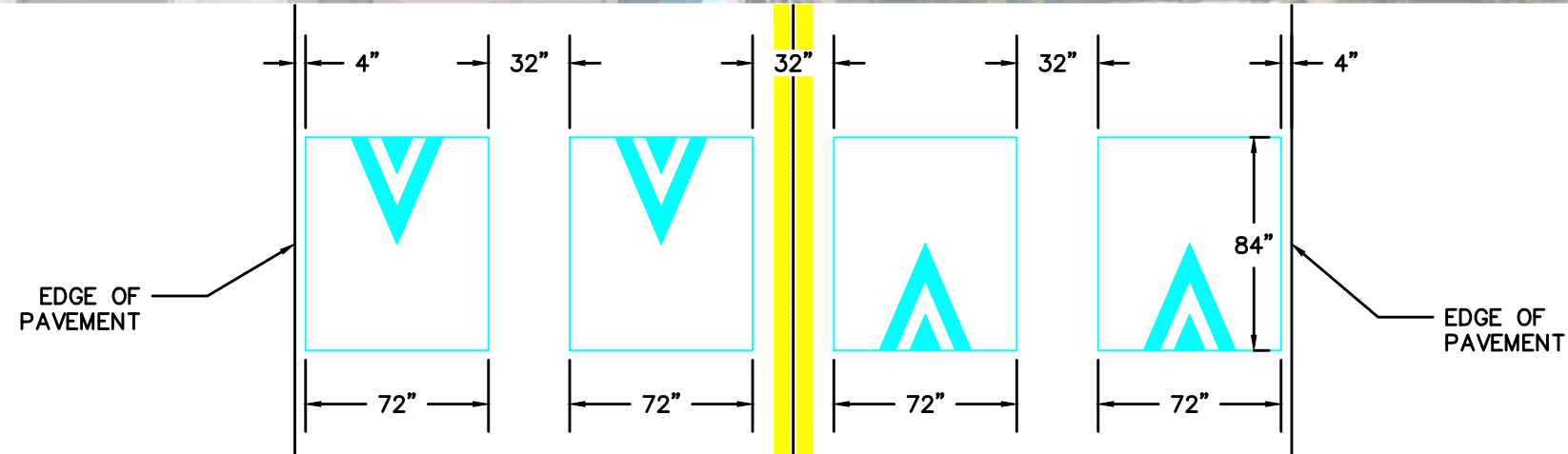
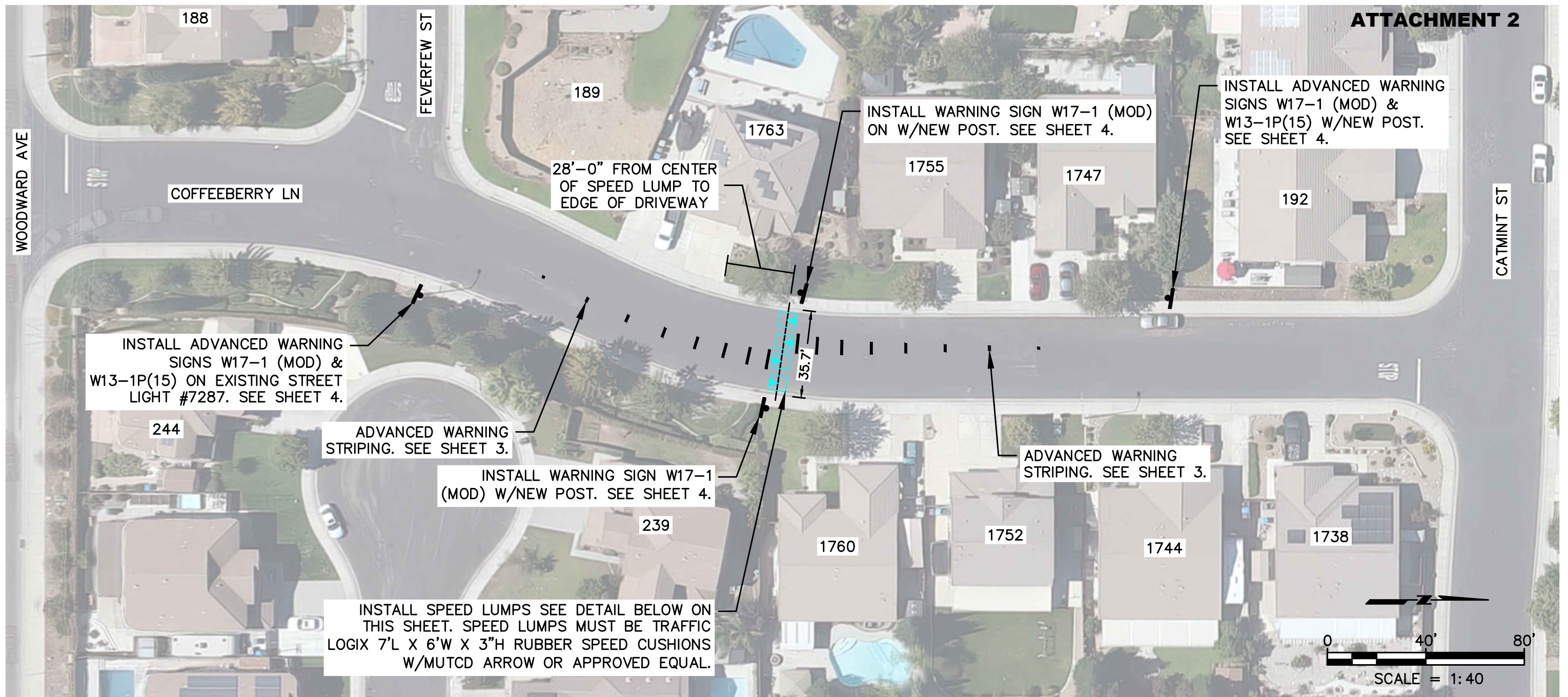
CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/02/25

COFFEEBERRY LN
TRAFFIC CALMING
VICINITY MAP

SHEET
1
OF **4** SHEETS

\\UTOPIA\ENGR\PMENGA\804 TRAFFIC ENGINEERING\804-02 TRAFFIC CALMING\89-2025-10-07 COFFEEBERRY LN\08 STAGE 2 PROPOSAL\08-1 EXHIBIT\08-1A AUTOCAD\VI-COFFEEBERRY LN-TRAFFIC CALMING.DWG



**SPEED LUMP DIMENSIONS
NTS**

APPROVED SUBJECT TO THE DATA SHOWN.
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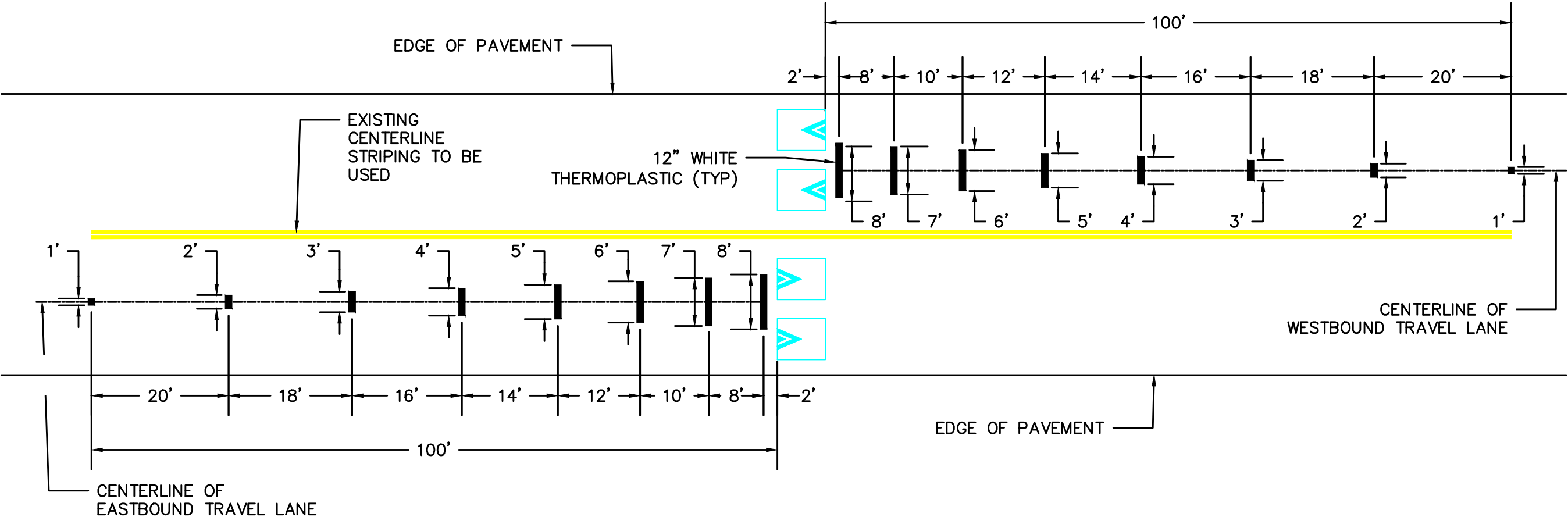


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CHECKED	BD
DATE	07/02/25

**COFFEEBERRY LN
TRAFFIC CALMING
LOCATION 1**

SHEET
2
OF **4** SHEETS



ADVANCED WARNING STRIPING
DETAIL 1.1
NTS

APPROVED SUBJECT TO THE DATA SHOWN.
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CITY OF MANTECA
DEPARTMENT OF ENGINEERING
1001 WEST CENTER STREET, MANTECA, CALIFORNIA 95337

SCALE	AS SHOWN
DESIGNED	JS/BD
DRAWN	JS
CHECKED	BD
DATE	07/02/28

**COFFEEBERRY LN
TRAFFIC CALMING
DETAILS 1**

SHEET
3
OF **4** SHEETS

\\UTOPIA\ENGR\PMENGA\804-TRAFFIC ENGINEERING\804-02-TRAFFIC CALMING\89-2025-10-07 COFFEEBERRY LN\08 STAGE 2 PROPOSAL\08-1A AUTOCAD\VI-COFFEEBERRY LN-TRAFFIC CALMING.DWG

ROADSIDE SIGN PANEL QUANTITIES									ATTACHMENT 2
SIGN QUANTITIES	SIGN DESIGNATION	SIGN MESSAGE/ DESCRIPTION	PANEL SIZE (INCHES)	SINGLE FACED	BACKGROUND		LEGEND & BORDER		PREMIUM PROTECTIVE FILM
					SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	
4	W17-1	SPEED LUMP	30 X 30	X	YELLOW	XI	BLACK	-	X
2	W13-1P(15)	15 MPH	18 X 18	X	YELLOW	XI	BLACK	-	X

NOTE: SIGN PANEL RETROREFLECTIVE MATERIAL SHALL BE PER CALTRANS AUTHORIZED MATERIALS LIST.

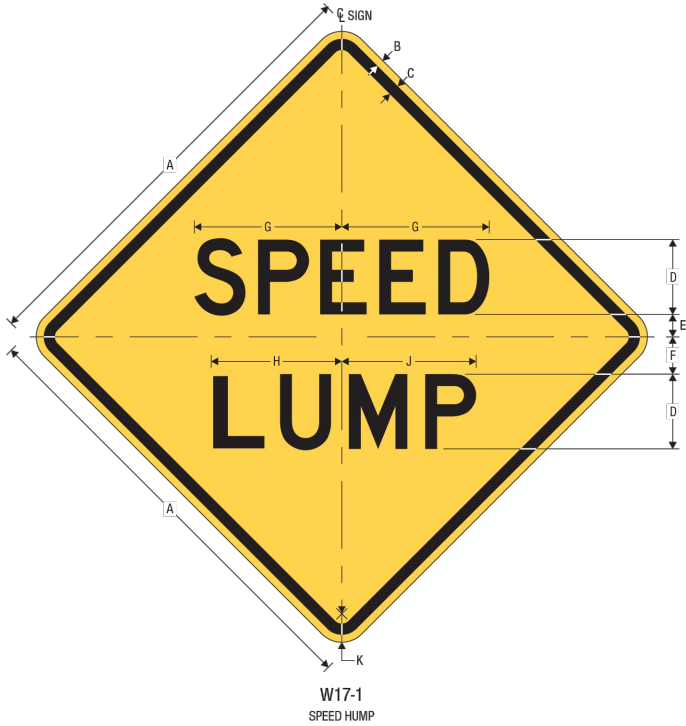


W17-1
(MODIFIED)



W13-1P (15)

WARNING SIGNS
DETAIL 1.2
NTS



W17-1
Issued 3/1/2012

A	B	C	D	E	F	G	H	J	K
24	0.375	0.625	4 D	1.25	2	7.886	6.961	7.210	1.5
30	0.5	0.75	5 D	1.5	2.5	9.857	8.732	8.982	1.875
36	0.625	0.875	6 D	1.875	3	11.828	10.379	10.878	2.25
48	0.75	1.25	8 D	2.5	4	15.771	13.921	14.421	3

COLORS: LEGEND, BORDER – BLACK
BACKGROUND – YELLOW (RETROREFLECTIVE)



W13-1
ADVISORY SPEED (ENGLISH)

*Series 2000 Standard Alphabets.
**Optically space numerals about vertical centerline.

A	B	C	D	E	F	G	H	J
18	.375	.625	2.5	8 E	2	3 E	4.723	1.5
24	.375	.625	3.625	10 E	2.75	4 E	6.284	1.5
30	.5	.75	4.5	12 E	4	5 E	7.416	1.875

WARNING SIGN COLORS:

LEGEND – BLACK
BACKGROUND – YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:

LEGEND – BLACK
BACKGROUND – ORANGE (RETROREFLECTIVE)

2-108

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TITLE

COFFEEBERRY LN
TRAFFIC CALMING
DETAILS 2

SHEET

4

OF 4 SHEETS