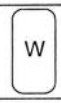
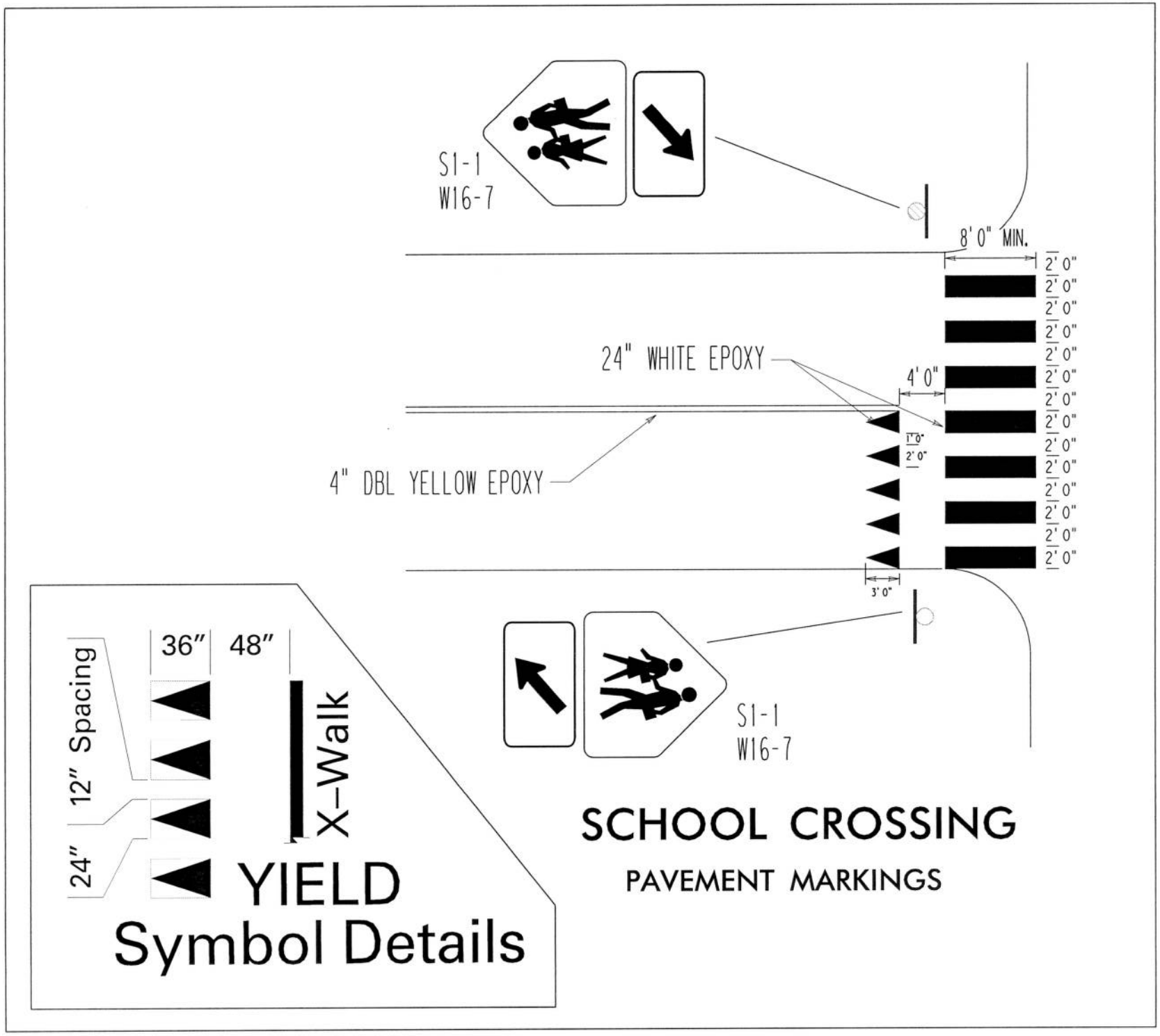
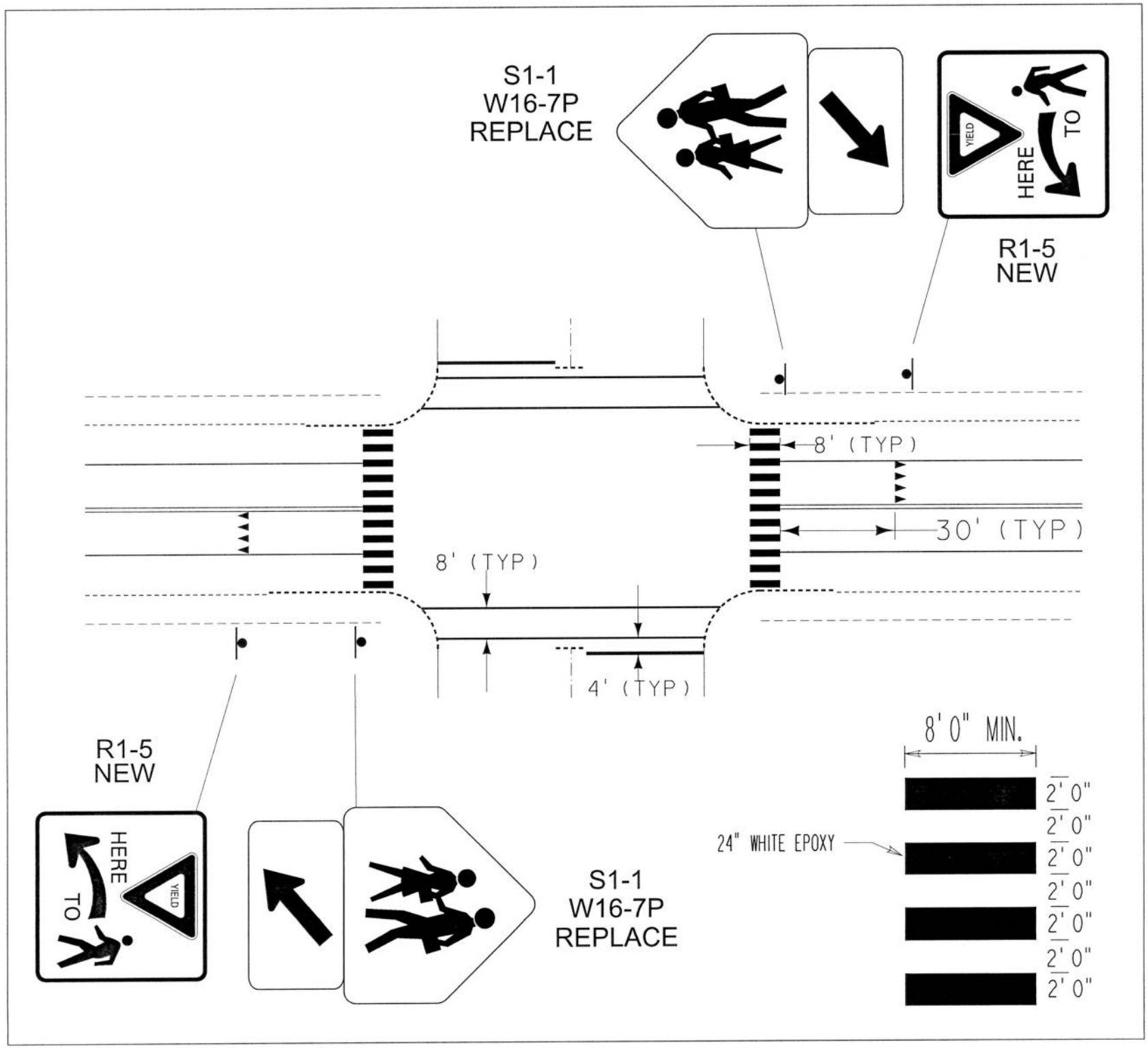
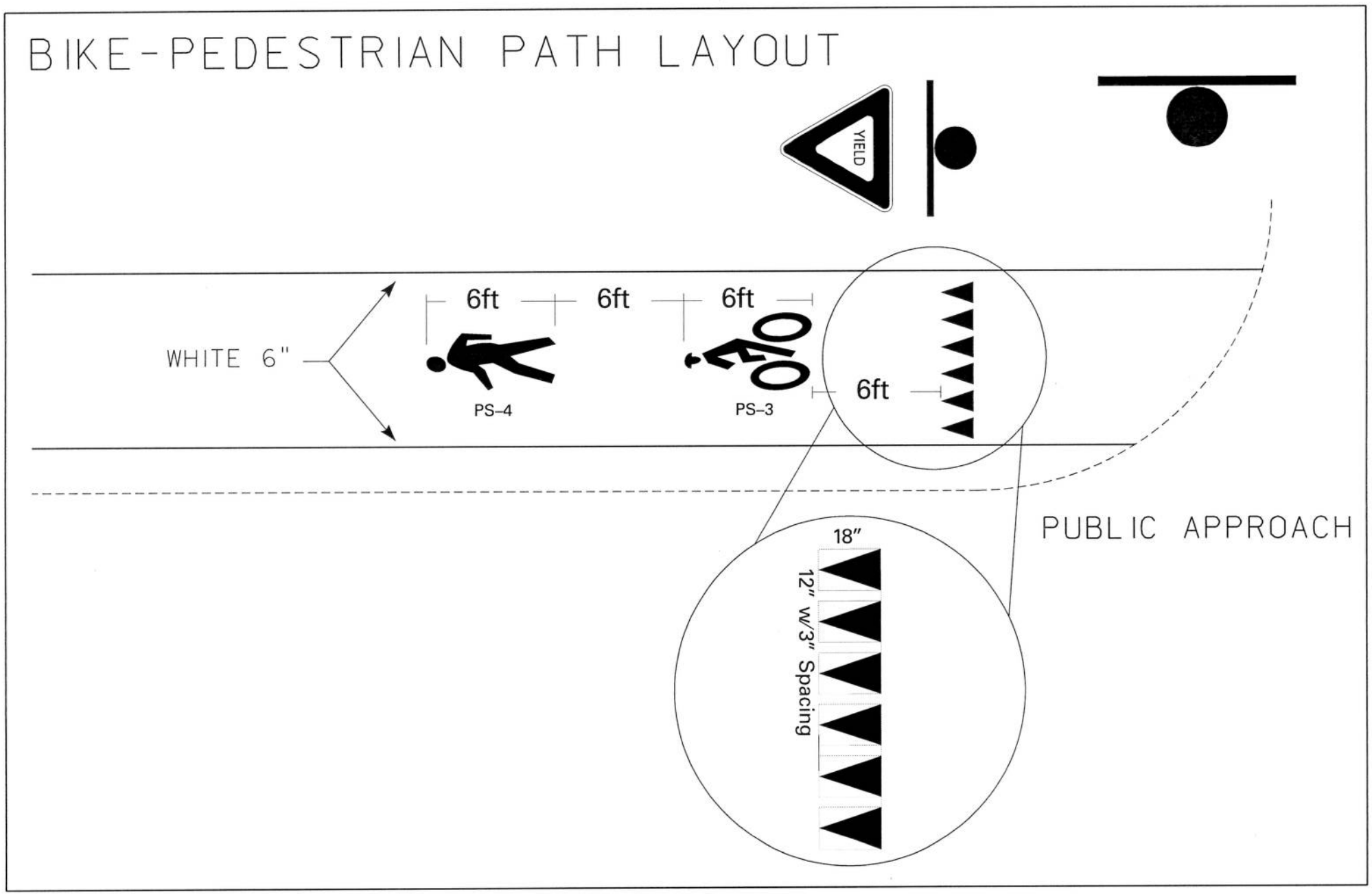
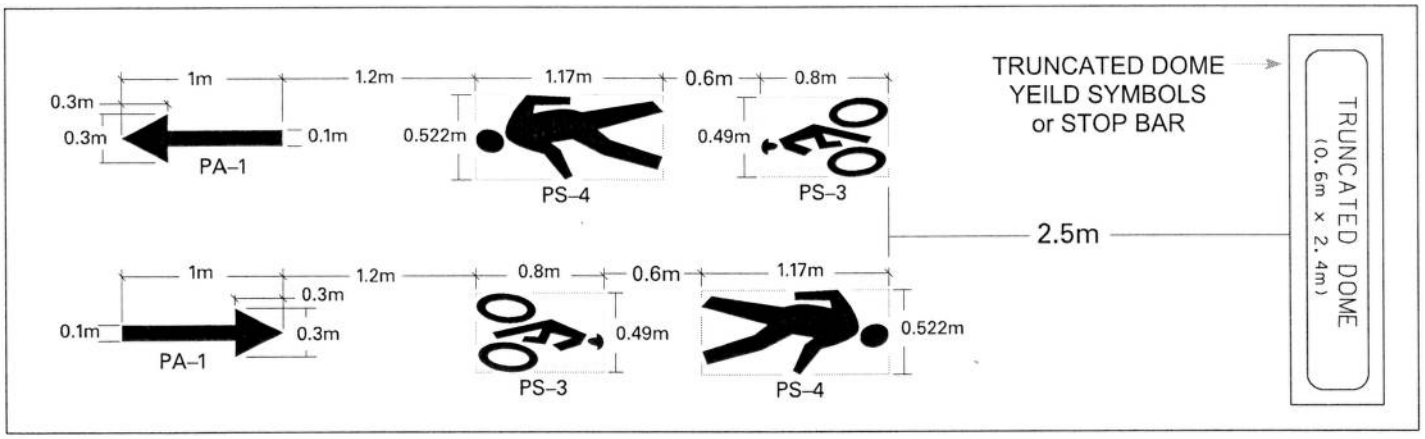
	DESIGN "A"				Continous Delineation - Rt Shoulder all Routes
	DESIGN "B"				Lt Shoulder Interstate Ramps
	DESIGN "C"				Curves < 573' Inside & Outside of Curve
	DESIGN "D"				Non-Interstate: Stop or Yield Sign Approaches Interstate: Ramp Termination @ Cross Road
	DESIGN "E"				Gores & Island Noses
	DESIGN "F"				Curves 1,433' to 765' Radi - Outside Only Curves 764' to 573' Radi - Inside & Outside
	DESIGN "G"				Rt Shoulder Interstate Ramps
	DESIGN "H"				Lt Shoulder Interstate Routes
	DESIGN "J"				Truck Escape Ramps Only!
	TOP MOUNT "A"				Continous Delineation - Rt Shoulder all Routes
	TOP MOUNT "F"				Curves 1,433' to 765' Radi - Outside Only Curves 764' to 573' Radi - Inside & Outside
	TOP MOUNT "H"				Lt Shoulder Interstate Routes
	White FLEX SURF MNT				Continous Delineation - Rt Shoulder all Routes
	Yellow FLEX SURF MNT				Lt Shoulder Interstate Routes Gores & Island Noses
	White REFL BARRIER				Continous Delineation - Rt Shoulder all Routes
	Yellow REFL BARRIER				Lt Shoulder Interstate Routes

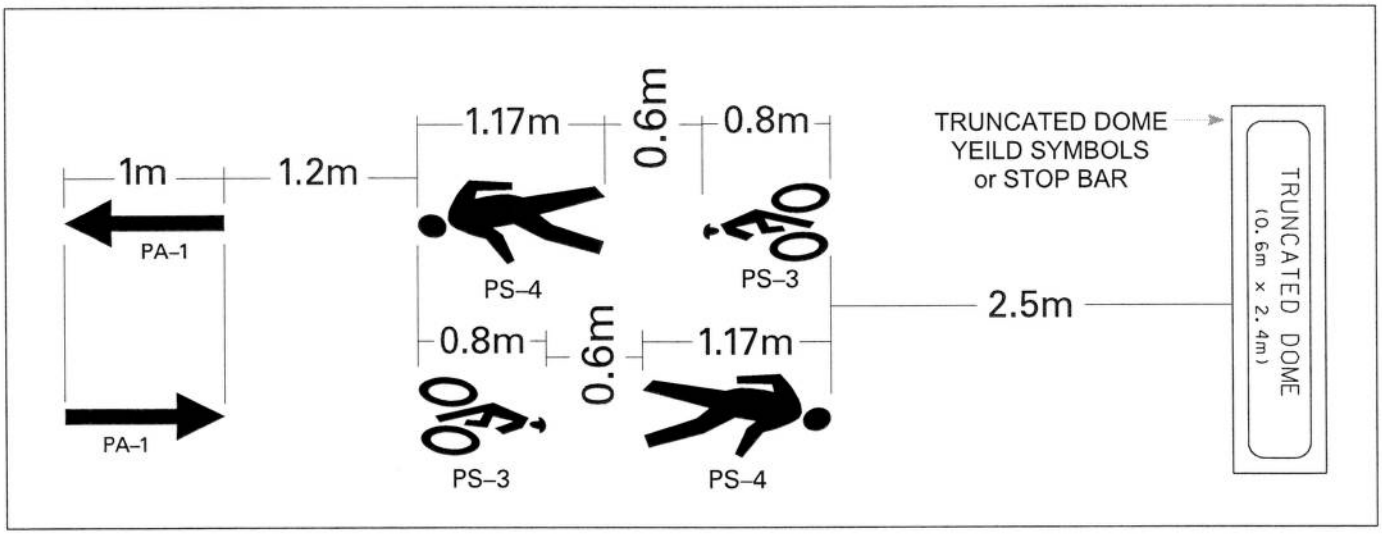

S1-1
W16-7
8' 0" MIN.
2' 0"
24" WHITE EPOXY
4' 0"
4" DBL YELLOW EPOXY
1' 0"
2' 0"
3' 0"
S1-1
W16-7
36"
48"
12" Spacing
24"
X-Walk
YIELD
Symbol Details
SCHOOL CROSSING
PAVEMENT MARKINGS

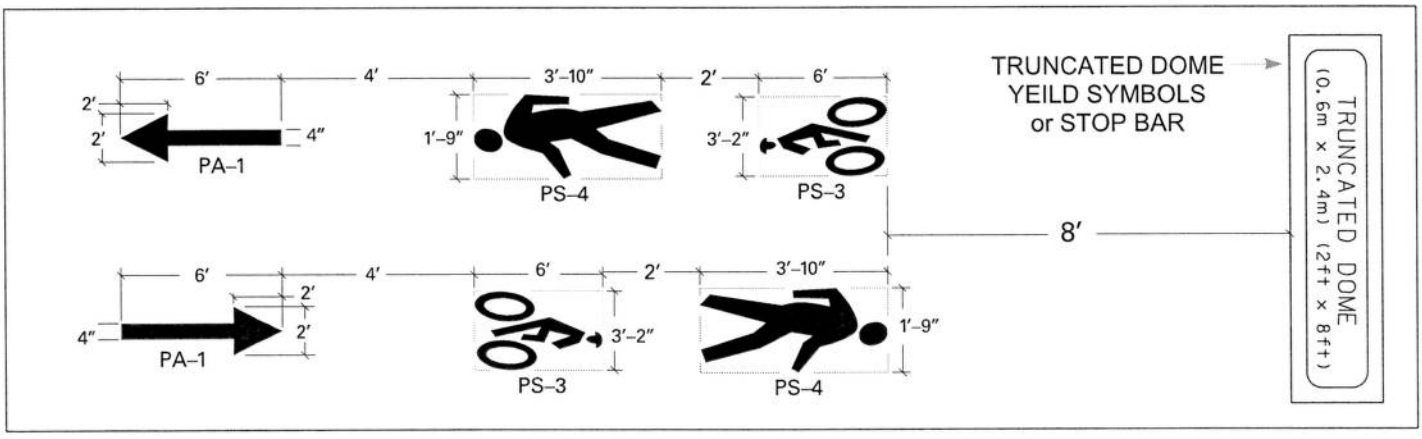

S1-1
W16-7P
REPLACE
YIELD
HERE
TO
R1-5
NEW
8' (TYP)
30' (TYP)
8' (TYP)
4' (TYP)
R1-5
NEW
HERE
TO
YIELD
S1-1
W16-7P
REPLACE
8' 0" MIN.
24" WHITE EPOXY
2' 0"
2' 0"
2' 0"
2' 0"
2' 0"
2' 0"

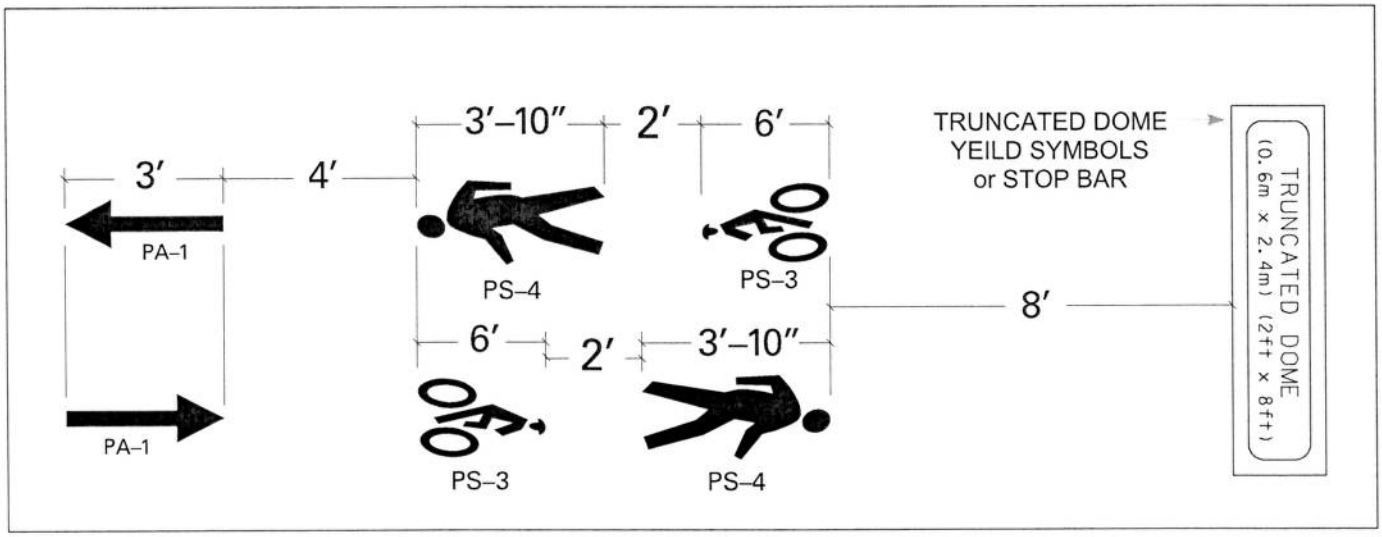
BIKE-PEDESTRIAN PATH LAYOUT

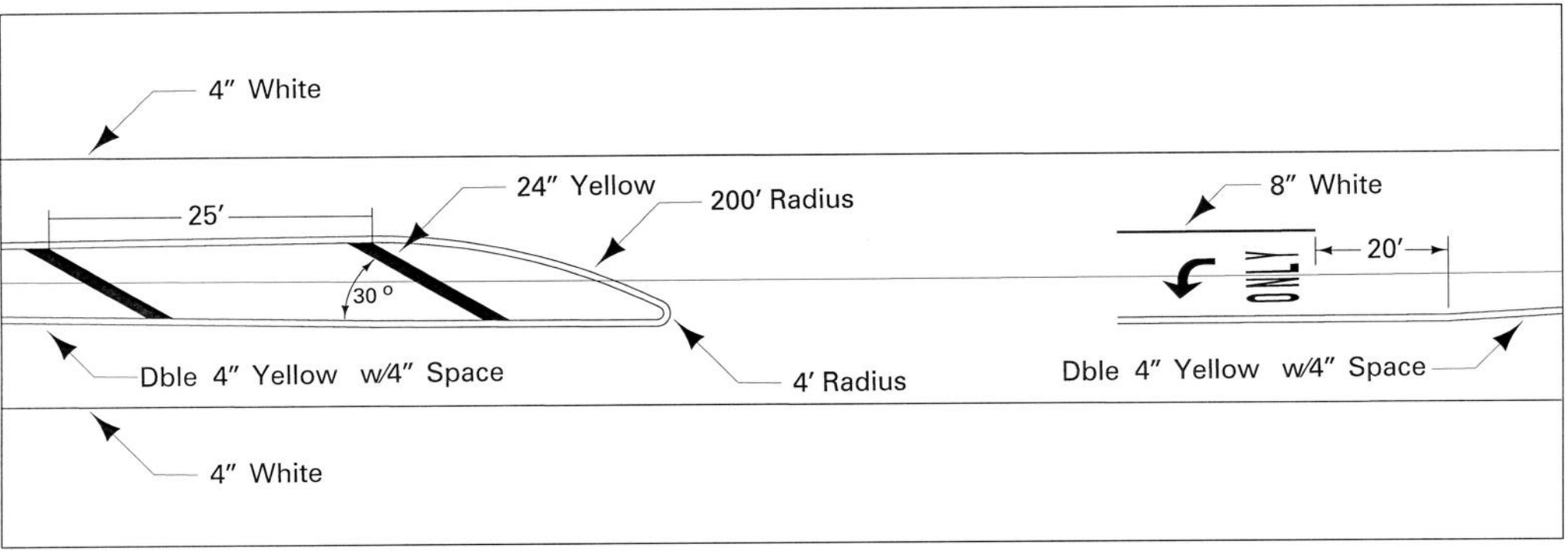


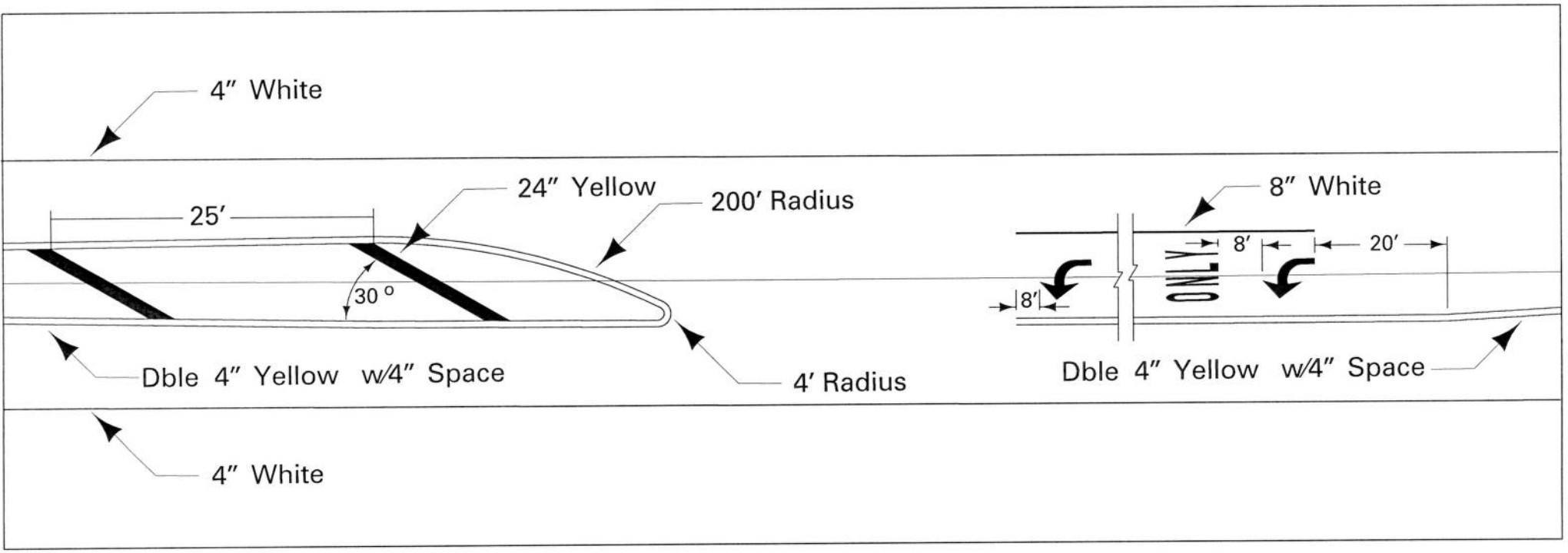

1m
1.2m
1.17m
0.6m
0.8m
0.3m
0.3m
0.1m
0.522m
0.49m
PA–1
PS–4
PS–3
TRUNCATED DOME
YEILD SYMBOLS
or STOP BAR
2.5m
TRUNCATED DOME
(0.6m × 2.4m)
1m
1.2m
0.8m
0.6m
1.17m
0.3m
0.3m
0.1m
0.49m
0.522m
PA–1
PS–3
PS–4

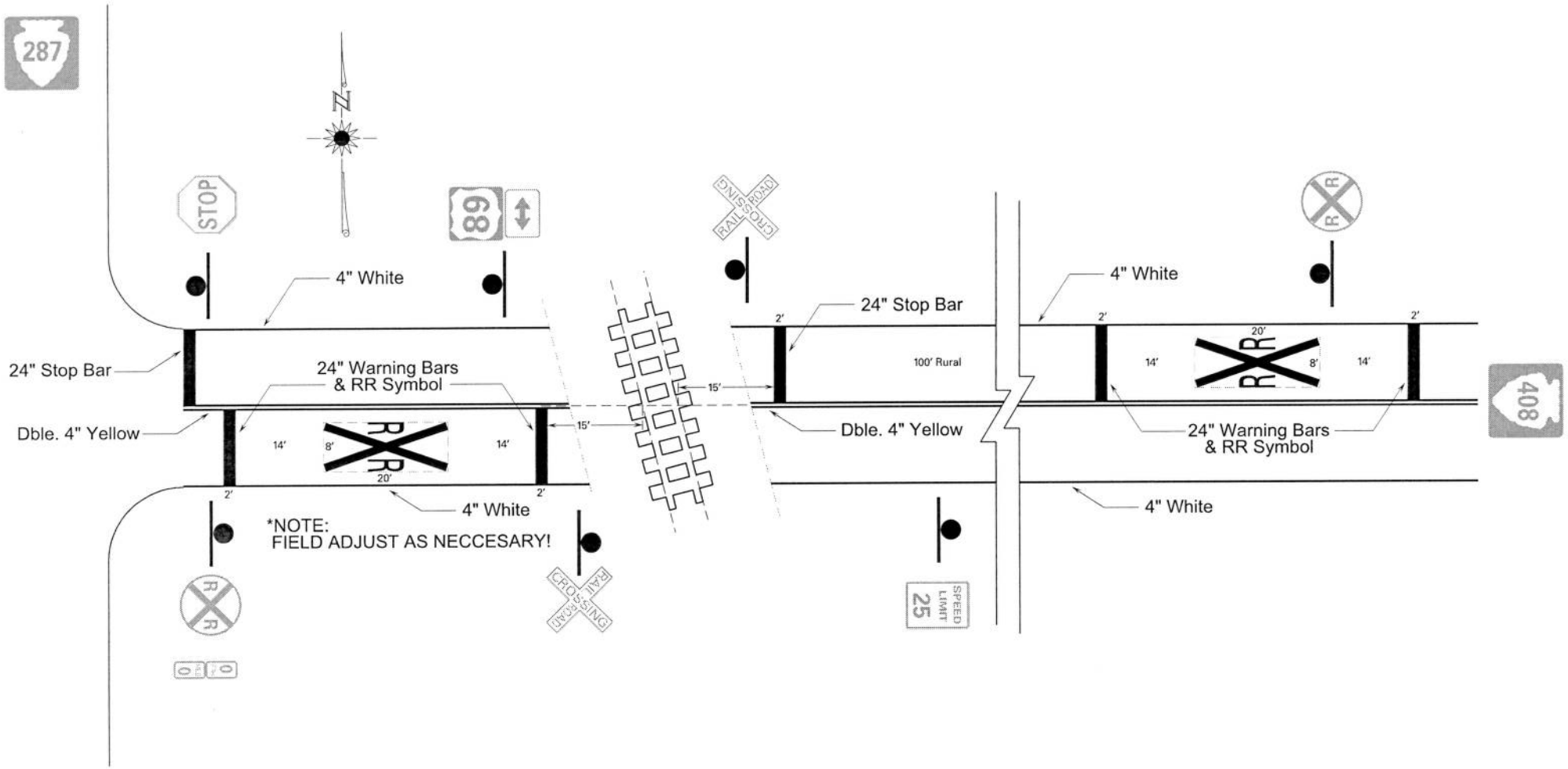

1m
1.2m
1.17m
0.6m
0.8m
PA–1
PS–4
PS–3
TRUNCATED DOME
YEILD SYMBOLS
or STOP BAR
2.5m
TRUNCATED DOME
(0.6m × 2.4m)
0.8m
0.6m
1.17m
PA–1
PS–3
PS–4


6′
4′
3′–10″
2′
6′
2′
2′
4″
1′–9″
3′–2″
PA–1
PS–4
PS–3
TRUNCATED DOME
YEILD SYMBOLS
or STOP BAR
8′
TRUNCATED DOME
(0.6m × 2.4m) (2ft × 8ft)
6′
4′
6′
2′
3′–10″
2′
2′
4″
3′–2″
1′–9″
PA–1
PS–3
PS–4

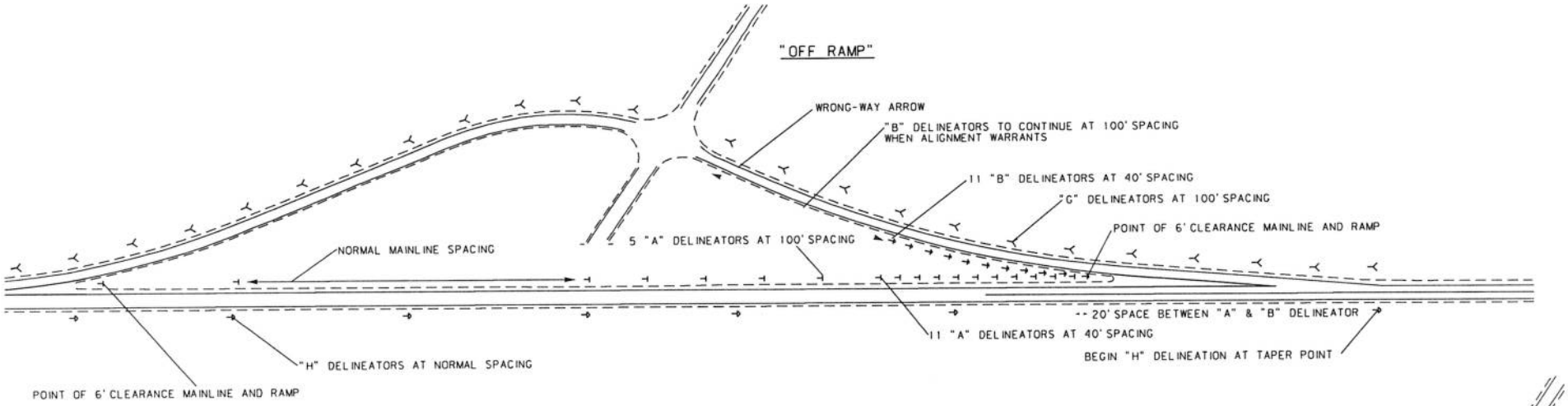

3′–10″
2′
6′
3′
4′
PA–1
PS–4
PS–3
TRUNCATED DOME
YEILD SYMBOLS
or STOP BAR
8′
TRUNCATED DOME
(0.6m × 2.4m) (2ft × 8ft)
6′
2′
3′–10″
PA–1
PS–3
PS–4


4″ White
24″ Yellow
200′ Radius
25′
30 °
Dble 4″ Yellow w/4″ Space
4′ Radius
4″ White
8″ White
ONLY
20′
Dble 4″ Yellow w/4″ Space


4″ White
24″ Yellow
200′ Radius
25′
30 °
Dble 4″ Yellow w/4″ Space
4′ Radius
4″ White
8″ White
8′
20′
ONLY
8′
Dble 4″ Yellow w/4″ Space


287
N
STOP
89
RAIL ROAD CROSSING
R R
4" White
24" Stop Bar
24" Warning Bars
& RR Symbol
Dble. 4" Yellow
14'
8'
20'
15'
2'
100' Rural
*NOTE:
FIELD ADJUST AS NECCESARY!
RAIL ROAD CROSSING
SPEED LIMIT
25
408

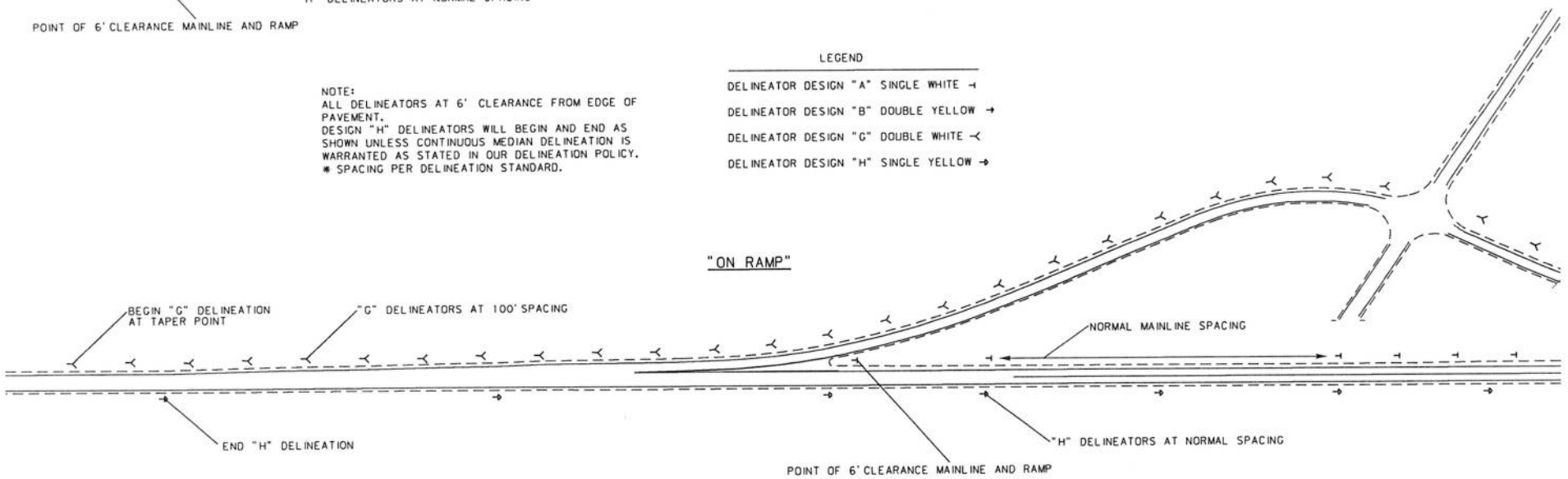
RAMP DELINEATION DETAIL



NOTE:
ALL DELINEATORS AT 6' CLEARANCE FROM EDGE OF PAVEMENT.
DESIGN "H" DELINEATORS WILL BEGIN AND END AS SHOWN UNLESS CONTINUOUS MEDIAN DELINEATION IS WARRANTED AS STATED IN OUR DELINEATION POLICY.
* SPACING PER DELINEATION STANDARD.

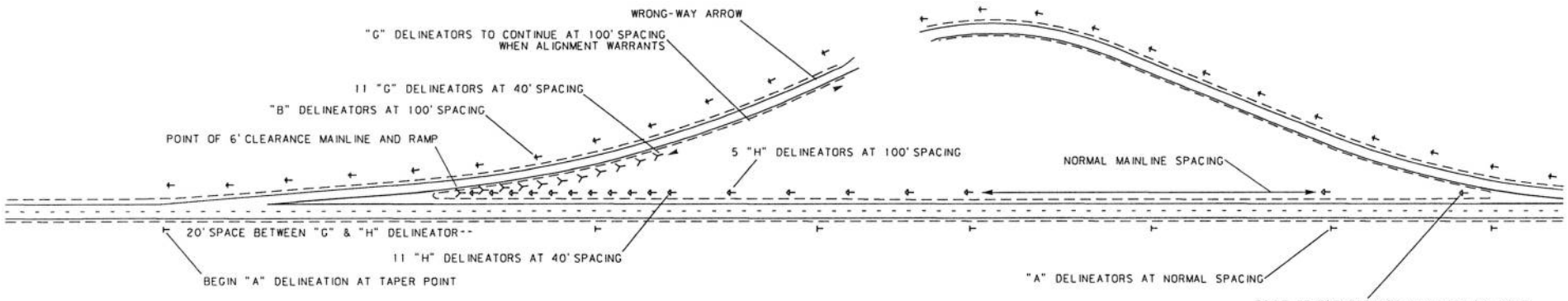
LEGEND

DELINEATOR DESIGN "A" SINGLE WHITE
DELINEATOR DESIGN "B" DOUBLE YELLOW
DELINEATOR DESIGN "G" DOUBLE WHITE
DELINEATOR DESIGN "H" SINGLE YELLOW



INTERSTATE MEDIAN
Weight Station & Rest Area DELINEATION DETAIL

"OFF RAMP"

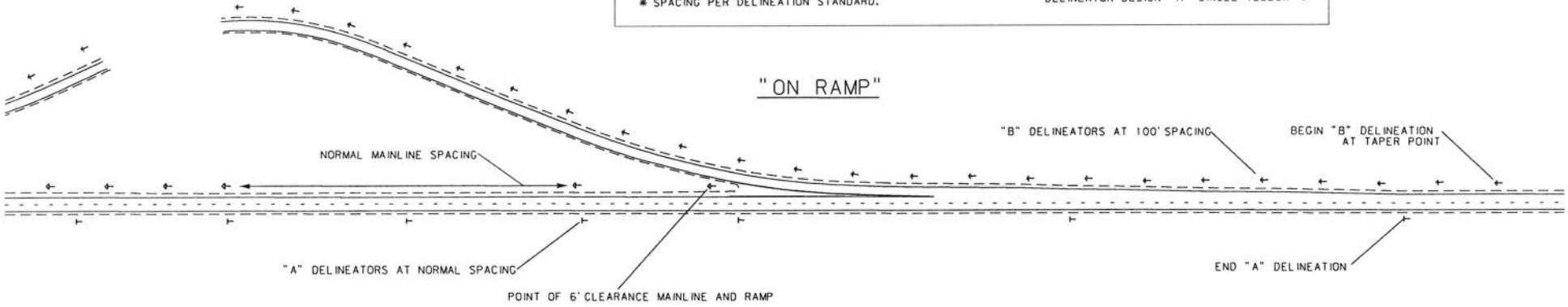


NOTE:
ALL DELINEATORS AT 6' CLEARANCE FROM EDGE OF PAVEMENT.
DESIGN "H" DELINEATORS WILL BEGIN AND END AS SHOWN UNLESS CONTINUOUS MEDIAN DELINEATION IS WARRANTED AS STATED IN OUR DELINEATION POLICY.
* SPACING PER DELINEATION STANDARD.

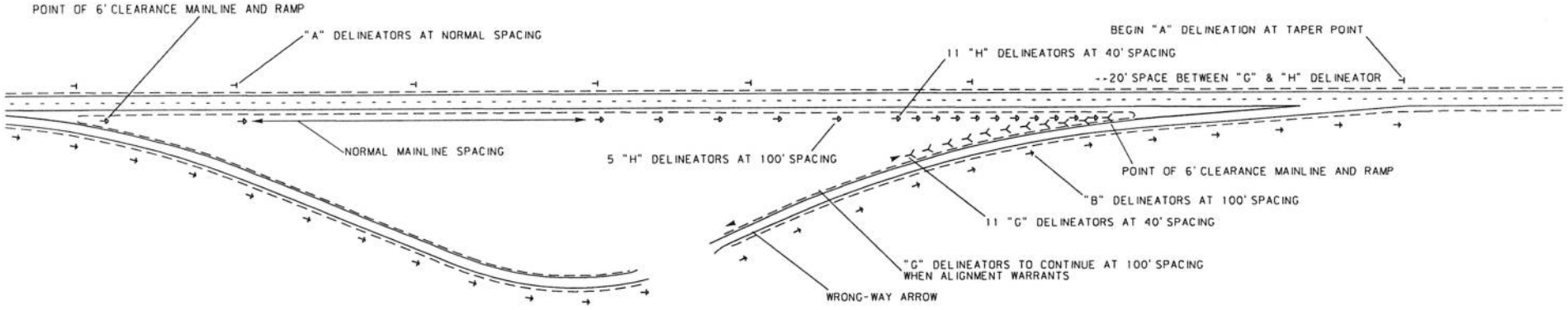
LEGEND

- DELINEATOR DESIGN "A" SINGLE WHITE
- DELINEATOR DESIGN "B" DOUBLE YELLOW
- DELINEATOR DESIGN "G" DOUBLE WHITE
- DELINEATOR DESIGN "H" SINGLE YELLOW

"ON RAMP"



INTERSTATE MEDIAN
Weight Station & Rest Area DELINEATION DETAIL

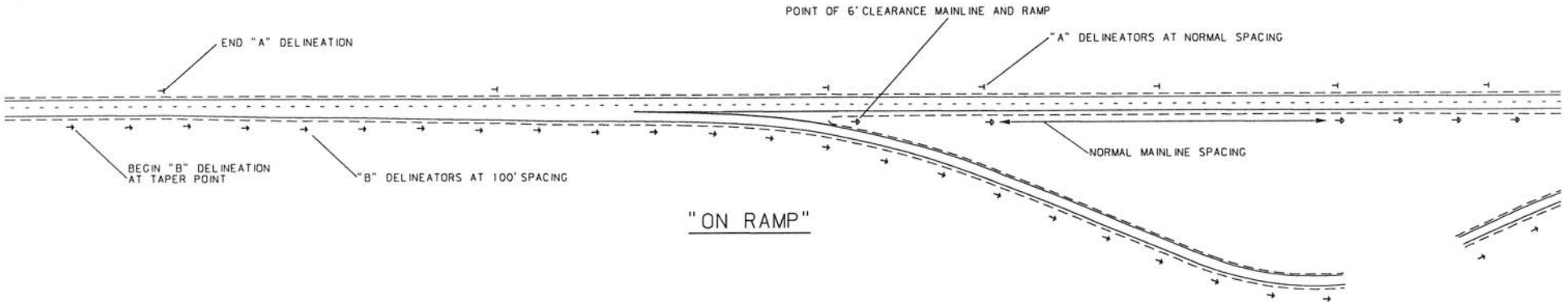


"OFF RAMP"

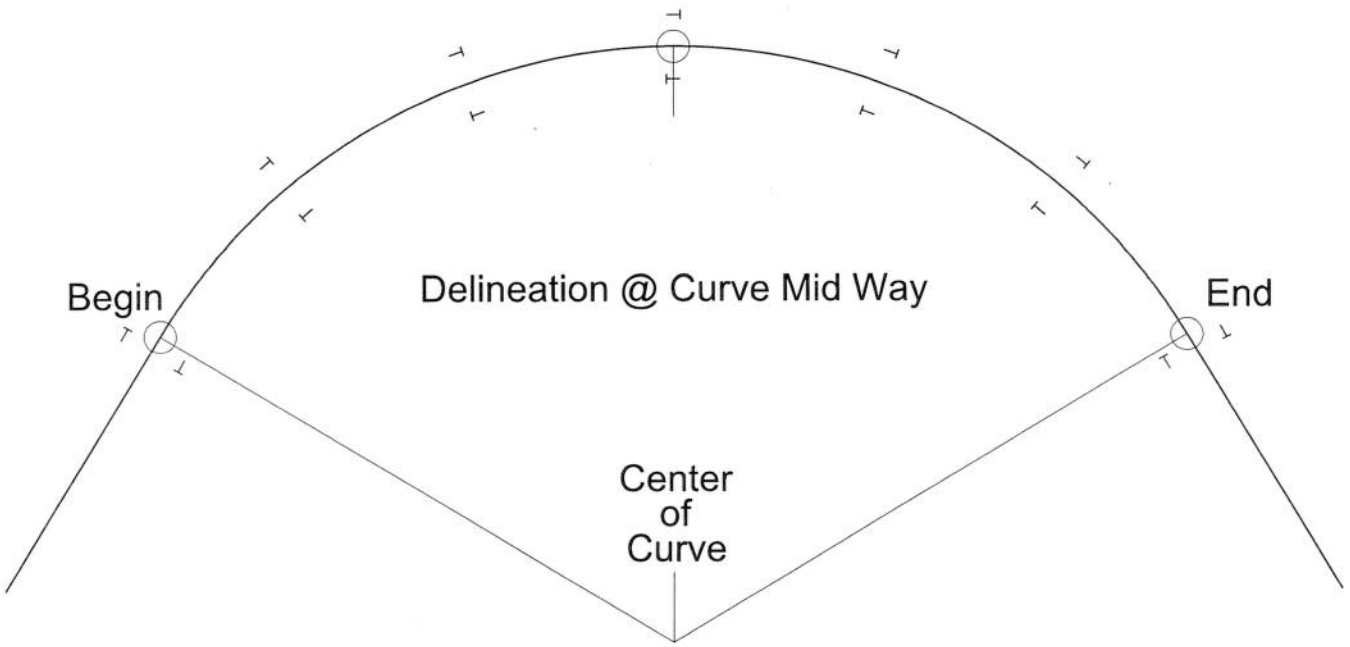
NOTE:
ALL DELINEATORS AT 6' CLEARANCE FROM EDGE OF PAVEMENT.
DESIGN "H" DELINEATORS WILL BEGIN AND END AS SHOWN UNLESS CONTINUOUS MEDIAN DELINEATION IS WARRANTED AS STATED IN OUR DELINEATION POLICY.
* SPACING PER DELINEATION STANDARD.

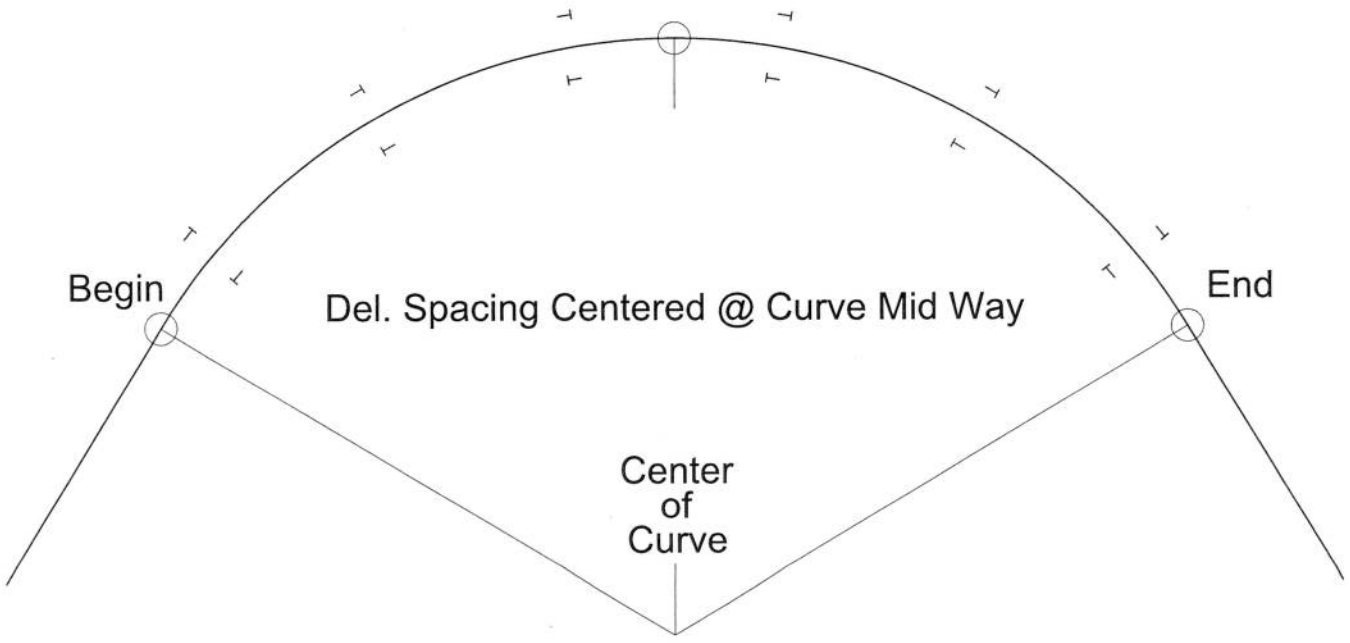
LEGEND

DELINEATOR DESIGN "A" SINGLE WHITE
DELINEATOR DESIGN "B" DOUBLE YELLOW
DELINEATOR DESIGN "G" DOUBLE WHITE
DELINEATOR DESIGN "H" SINGLE YELLOW



"ON RAMP"


Begin
Delineation @ Curve Mid Way
End
Center
of
Curve


Begin
Del. Spacing Centered @ Curve Mid Way
End
Center
of
Curve

○ SINGLE SQUARE TUBE WITH SLIP BASE BREAKAWAY REQUIRED. SEE DETAILED DRAWING 619-14

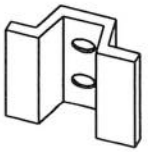
▲ SINGLE SQUARE TUBE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB. SEE DETAILED DRAWING 619-14

╳ STANDARD BREAKAWAY DEVICE.
- FOR WOOD POST SEE DETAILED DRAWING 619-20.
- FOR STRUCTURAL STEEL SEE DETAILED DRAWING 619-13.
- FOR STEEL POST SEE DETAILED DRAWING 619-12.

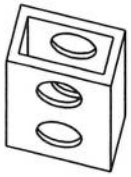
☆ TELESCOPED SQUARE TUBES (56mm & 64mm) WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB. SEE DETAILED DRAWING 619-14.

■ FRANGIBLE SIGN POST BREAKAWAY DEVICE REQUIRED. SEE SPECIAL PROVISIONS.

BB REQD. = BACKBRACING REQUIRED



Steel U



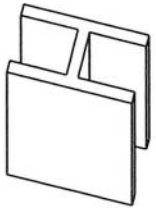
Posts – Tubular Steel – Sq. – Perf.



Posts – Tubular Steel



S Shape Steel Structural Sign



W Shape Steel Structural Sign

URBAN Hatch Spacing

First 5 Hatches @ RURAL: 4.5m /15′
Remainder Hatches @ RURAL: 7.6m /25′

RURAL Hatch Spacing

First 5 Hatches @ RURAL: 7.5m /25′
Remainder Hatches @ RURAL: 15m /50′

URBAN Hatch Spacing

First 5 Hatches @ RURAL: 2.1m / 7′
Remainder Hatches @ RURAL: 4.5m /15′

RURAL Hatch Spacing

First 5 Hatches @ RURAL: 4.5m /15′
Remainder Hatches @ RURAL: 9.1m /30′

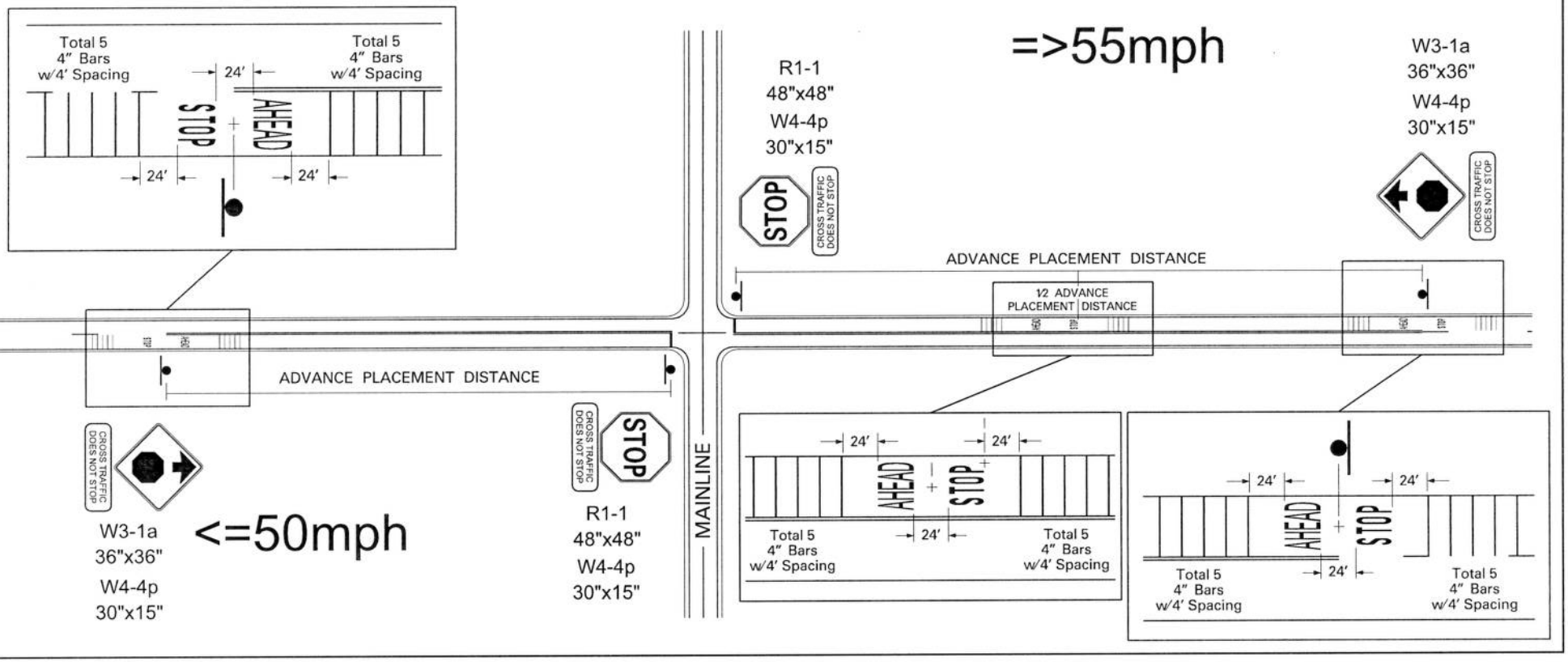
ROUND PIPE SUPPORT	
TUBE SIZE	WEIGHT
3"	7.58 lbs/ft
3½"	9.11 lbs/ft
4"	10.79 lbs/ft
5"	14.62 lbs/ft

SQUARE TUBE SUPPORT		
TUBE SIZE	WEIGHT	WALL THICKNESS
2"	2.42 lbs/ft	0.105" (12 GAUGE)
2¼"	2.77 lbs/ft	0.105" (12 GAUGE)
2½"	3.14 lbs/ft	0.105" (12 GAUGE)

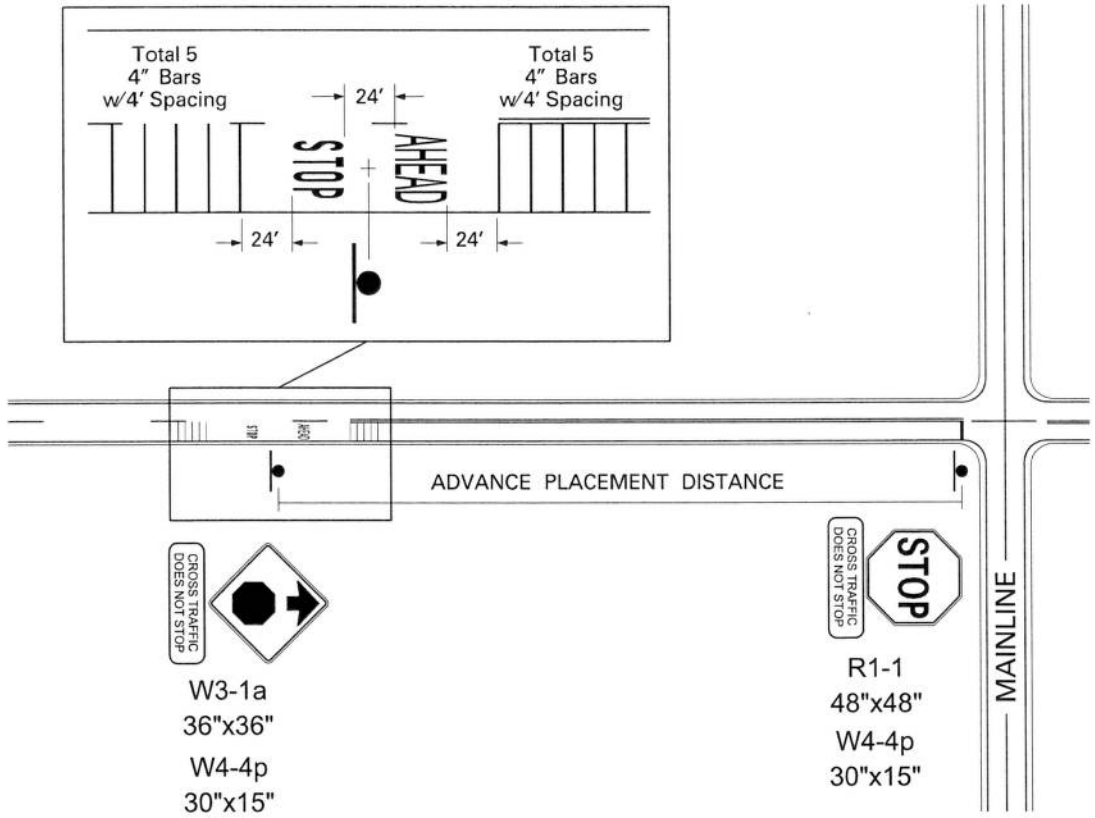
SQUARE TUBE ANCHOR		
TUBE SIZE	WEIGHT	WALL THICKNESS
2½"	18.36 lbs ea.	0.135"
3"	22.98 lbs ea.	0.188"

For estimating purposes only.

STOP AHEAD PAVEMENT DETAIL



STOP AHEAD PAVEMENT DETAIL
<=50mph



STOP AHEAD PAVEMENT DETAIL
=>55mph

