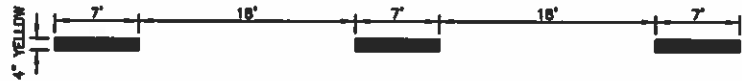


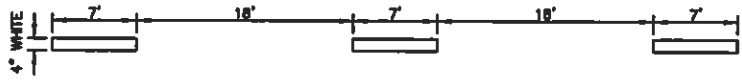
1 Center Line, Posted Speed ≤40 mph



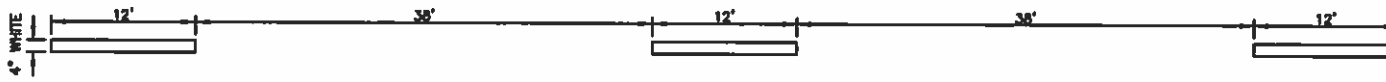
2 Center Line, Posted Speed >45 mph



3 Lane Line, Posted Speed ≤40 mph



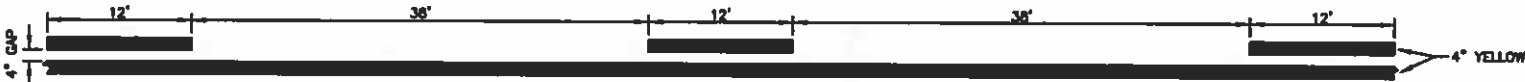
4 Lane Line, Posted Speed >45 mph



5 Center Line, No Passing Zone, One Direction, Posted Speed ≤40 mph



6 Center Line, No Passing Zone, One Direction, Posted Speed >45 mph



NOTES:

1. BASIC COLOR RULE: WHITE LINES SEPARATE TRAFFIC IN THE SAME DIRECTION; YELLOW LINES SEPARATE TRAFFIC IN OPPOSING DIRECTIONS.
2. BLACK MARKINGS MAY BE USED IN COMBINATION WITH WHITE MARKINGS FOR BROKEN LINES WHERE A LIGHT COLORED PAVEMENT DOES NOT PROVIDE SUFFICIENT CONTRAST.

12/8/2014



DATE	BY	REVISIONS



Drawn By: J. Cook	Checked By: J. Cook
Date: 12/1/14	Approved By: Sean Ryan
File: 12-1112-100	

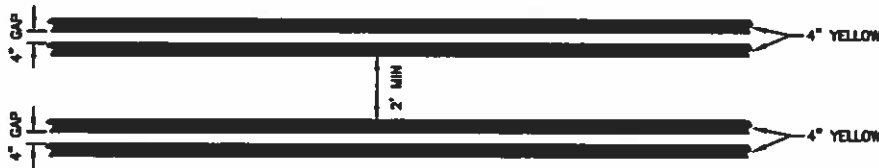
SHEET TITLE:
Standard Traffic Stripe Details

TS-1112

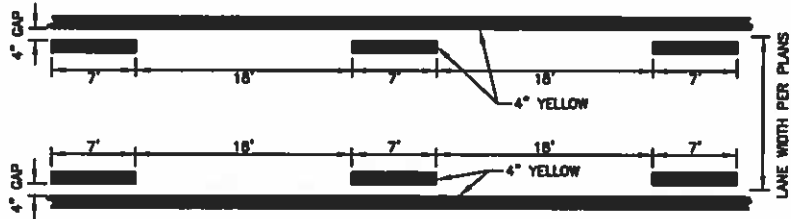
7 Center Line, No Passing Zone, Two Directions



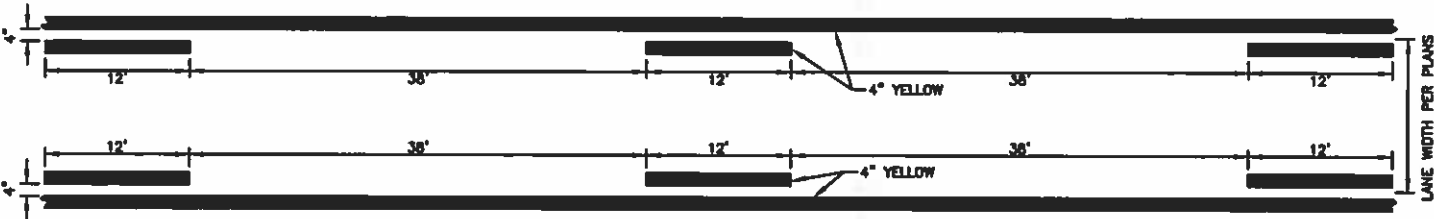
8 Striped Median Island



9 Two-Way Left Turn Lane, Posted Speed <= 40 mph



10 Two-Way Left Turn Lane, Posted Speed >= 45 mph



REV	DATE	BY	DESCRIPTION



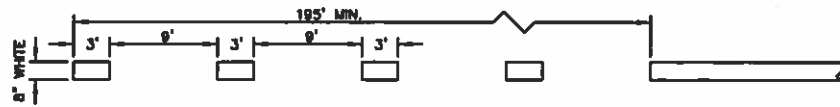
• SIGNATURES •			
Drawn By	Jordan Smith	Checked By	Jordan Smith
Date	12/2/14	Design By	Jordan Smith
File	TS-112B.DWG	Approved By	Shaw Green

• SHEET TITLE •
Standard Traffic Strips Details

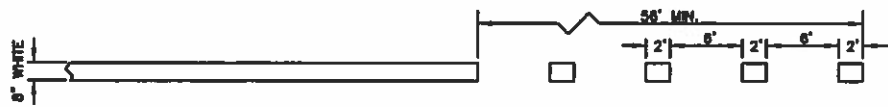
12/4/2014

• REGISTERED ENGINEER, INC. •
TS-112
Sheet 2 of 8

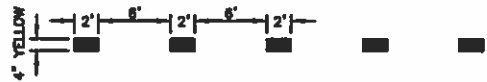
11 Mandatory Lane Drop - 'Elephant Tracking'



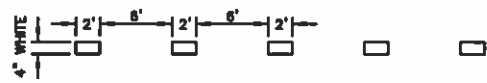
12 Bike Lane at Intersection



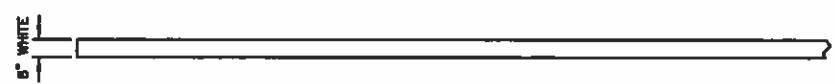
13 Lane Line Extension Through Intersection - 'Yellow Cat Track'



14 Lane Line Extension Through Intersection - 'White Cat Track'



15 Channelizing Line/Bike Lane Line



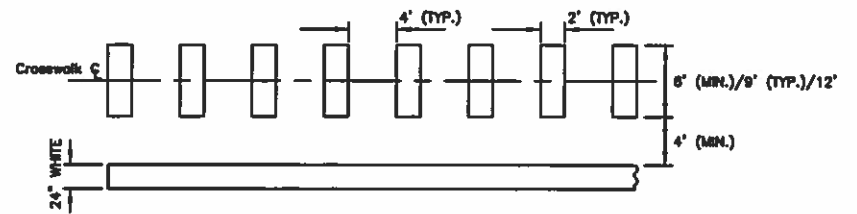
16 Left Edgeline for Divided Roadway



17 Right Edgeline



18 Crosswalk (Note: Crosswalk is centered on centerline of pedestrian ramps; bars are installed in the direction of travel.)



19 Stop Bar

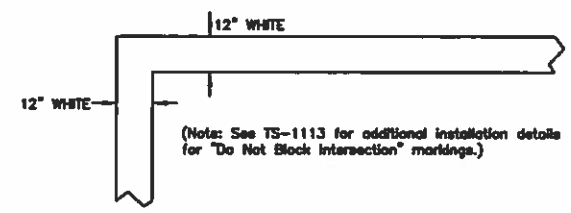
20 Roundabout Entry Marking



21 Lane Line Extension Through Intersection - 'Double Yellow Cat Track'



22 'Do Not Block Intersection' Markings



4/18	ADD	Added details to and 22
2/12	REV	Revised
- 33910338 -		



• SIGNATURES •			
Drawn BY	Checked BY	Design Date	Section Name
Drawn BY	Checked BY	Design Date	Section Name
Drawn BY	Checked BY	Design Date	Section Name

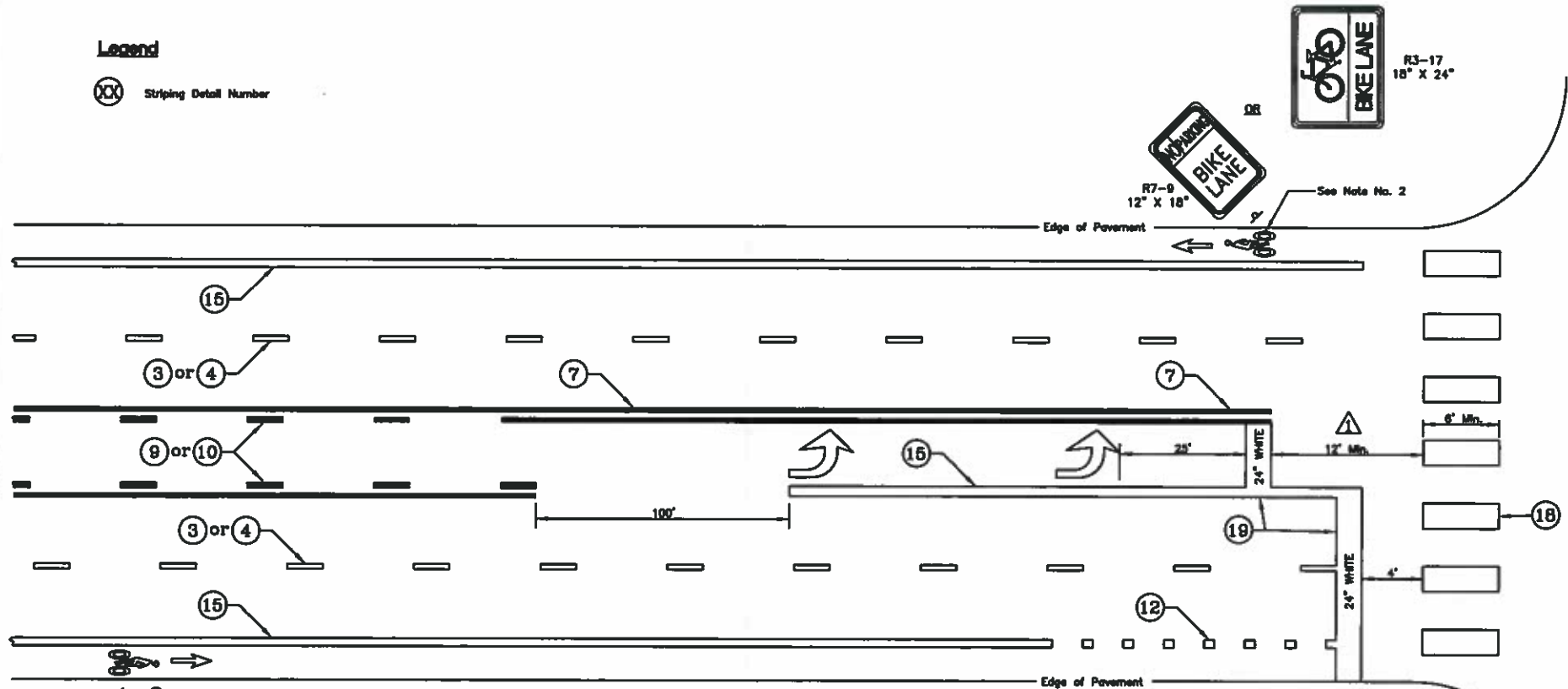
• BEST TITLE •
Standard Traffic
Stripe Details

4/23/2015

• STANDARD TITLE •
TS-1112
Sheet 3 of 8

Legend

⊙ Stripping Detail Number



Typical Intersection Leg

NOTES:

1. SEE ACHD STANDARD DETAIL TS-1113 FOR STANDARD LANE USE PAVEMENT MARKING DETAILS.
2. BIKE LANE SYMBOL SHALL BE PLACED IMMEDIATELY AFTER AN INTERSECTION AND THEN APPROXIMATELY EVERY 500 FEET.
3. BIKE LANE SIGNS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER. R7-9 SIGNS SHALL BE MOUNTED AT A 45 DEGREE ANGLE TO THE ROADWAY. R3-17 SIGNS, INSTALLED AFTER MAJOR INTERSECTIONS, SHALL BE MOUNTED PERPENDICULAR TO THE ROADWAY.

12/4/2014



NO.	DATE	BY	REVISION
1	01/10	MM	Various changes
2	04/09	MM	Added dimensions and bike lane symbol spacing
3	04/09	BT	REVISION



Scale:	PTS	Drawn By:	MM
Date:	04/10/07	Project No.:	MM
File:	ts-1112.dwg	Approved By:	MM

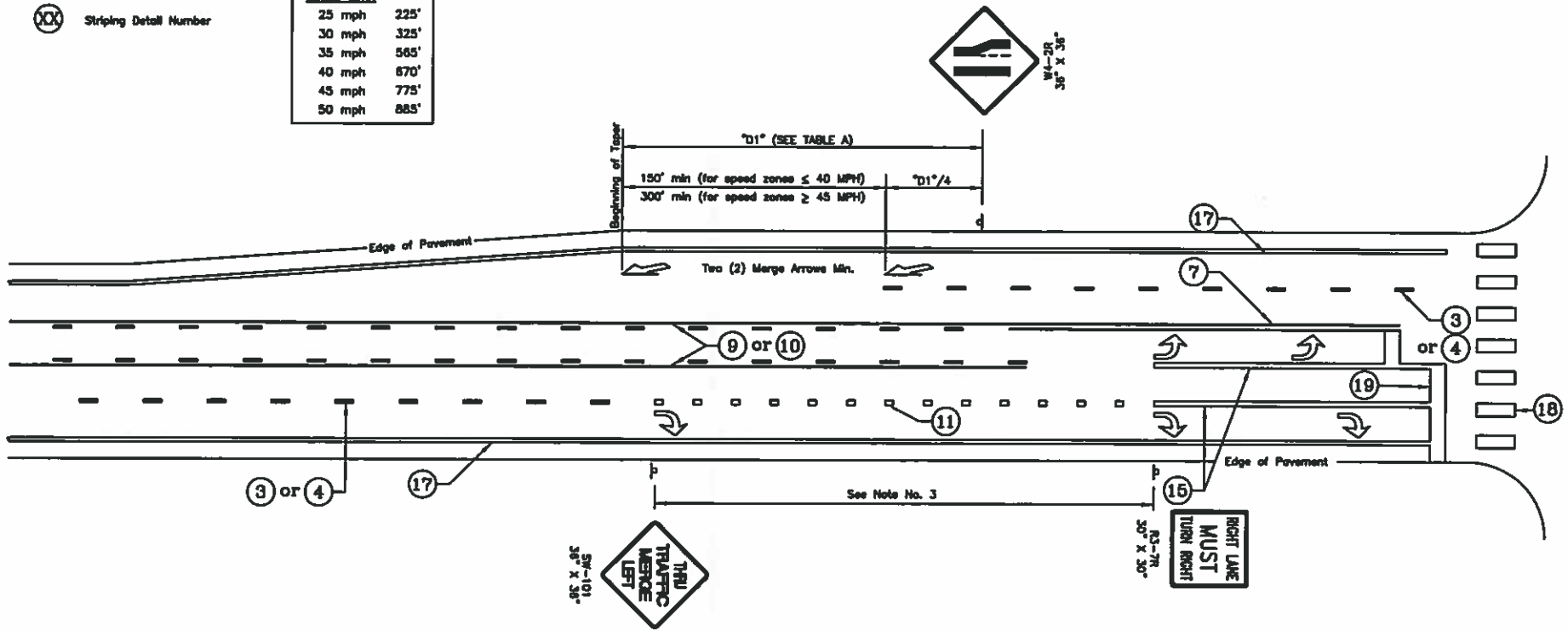
STANDARD TITLES
Standard Traffic
Stripe Details

TS-1112

Legend

ⓧⓧ Striping Detail Number

Roadway Speed Limit	"D1"
25 mph	225'
30 mph	325'
35 mph	565'
40 mph	670'
45 mph	775'
50 mph	885'



**Typical Drop/Trap Lane
Signing and Striping**

NOTES:

- SEE ACHD STANDARD DETAIL TS-1113 FOR STANDARD LANE USE PAVEMENT MARKING DETAILS.
- SOME MODIFICATIONS MAY NEED TO BE MADE FOR ROADWAYS WITH BIKE LANES.
- ADVANCE PLACEMENT OF WARNING SIGNS SHALL BE BASED ON THE CURRENT ADOPTED EDITION OF THE MUTCD.

12/4/2014

▲			
▲	07/25	208	Various changes
▲	04/25	208	Various changes
▲	05/25	208	Various changes
▲	05/25	208	Various changes
▲	05/25	208	Various changes
▲	05/25	208	Various changes



SIGNATURES	
Drawn By: Mike Potts	Checked By: Mike Potts
Date: 05/04/09	Approved By: Bob Latham
Title: TS-1113(2009)	

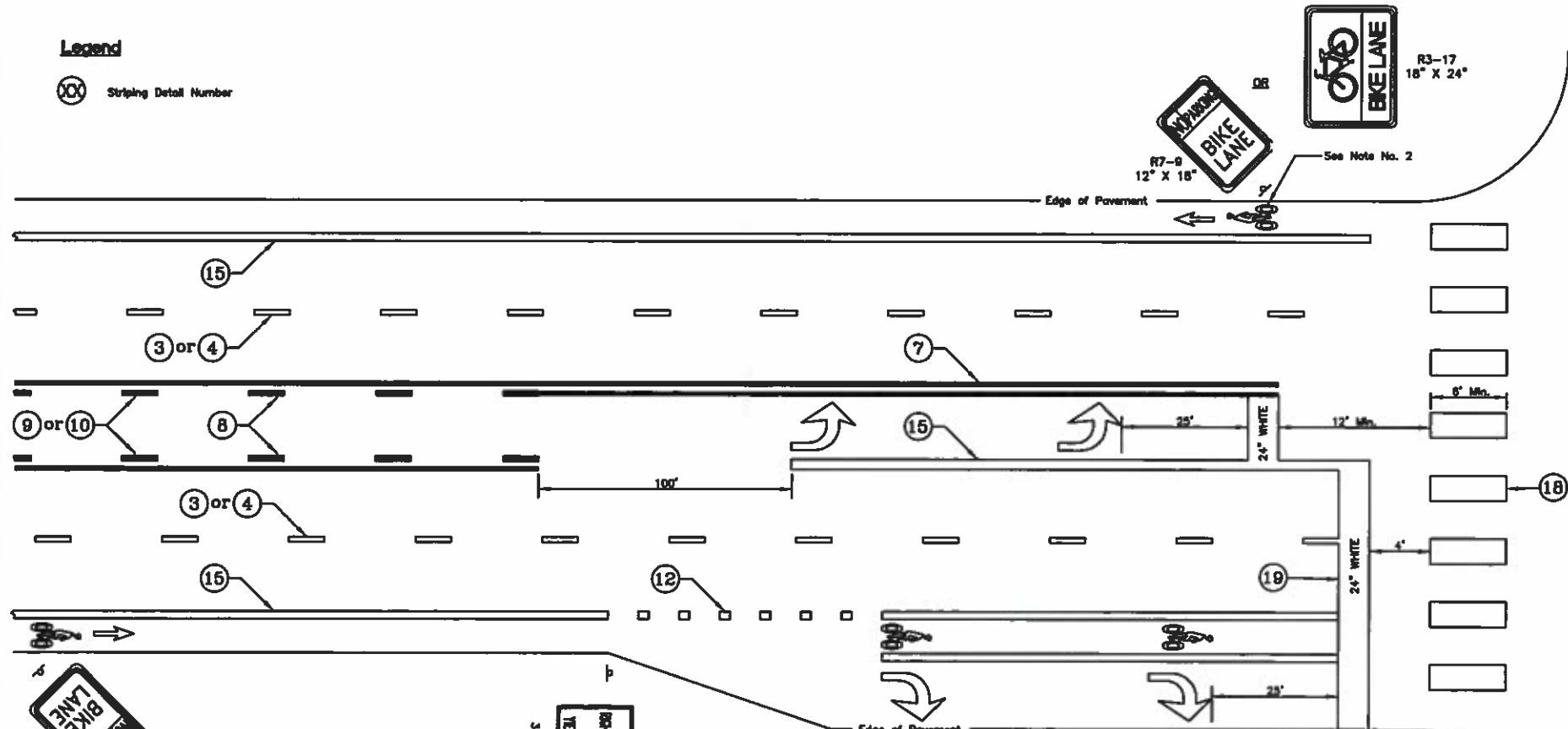
Standard Traffic
Stripe Details



TS-1112

Legend

XX Stripping Detail Number



NOTES:

1. SEE ACHD STANDARD DETAIL TS-1113 FOR STANDARD LANE USE PAVEMENT MARKING DETAILS.
2. BIKE LANE SYMBOL SHALL BE PLACED IMMEDIATELY AFTER AN INTERSECTION AND THEN APPROXIMATELY EVERY 500 FEET.
3. BIKE LANE SIGNS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER. R7-9 SIGNS SHALL BE MOUNTED AT A 45 DEGREE ANGLE TO THE ROADWAY. R3-17 SIGNS, INSTALLED AFTER MAJOR INTERSECTIONS, SHALL BE MOUNTED PERPENDICULAR TO THE ROADWAY.
4. ADD SUPPLEMENTAL RIGHT AND LEFT TURN ARROWS IF TURN BAY LENGTHS EXCEED 200'.

**Typical Intersection Leg With
Bike Lane and Right Turn Lane**

▲			
▲			
▲			
▲			
▲			
▲			
▲			
▲			
▲			
▲			



• 0100000000 •	• 0100000000 •
Grade 070	Drawn By Russ Martin
Date 05/14/08	Design By Russ Martin
File 12-1118.000	Approved By Russ Martin

Standard Traffic
Stripe Details



TS-112

12/4/2014

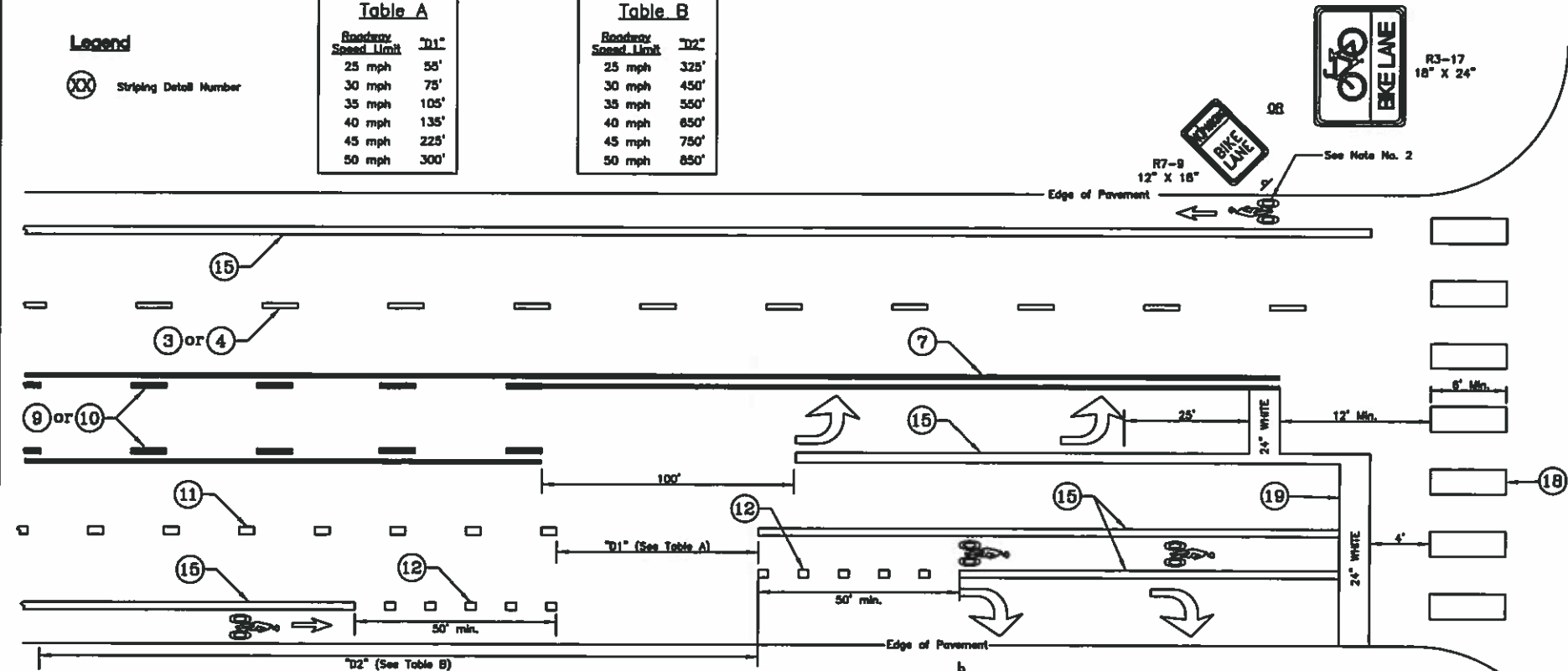
C:\Users\gspencer\Documents\Projects\12-1118.000\12-1118.000.dwg

Legend

XX Striping Detail Number

Table A		
Roadway Speed Limit	D1'	
25 mph	55'	
30 mph	75'	
35 mph	105'	
40 mph	135'	
45 mph	225'	
50 mph	300'	

Table B		
Roadway Speed Limit	D2'	
25 mph	325'	
30 mph	450'	
35 mph	550'	
40 mph	650'	
45 mph	750'	
50 mph	850'	



NOTES:

- SEE ACHD STANDARD DETAIL TS-1113 FOR STANDARD LANE USE PAVEMENT MARKING DETAILS.
- BIKE LANE SYMBOL SHALL BE PLACED IMMEDIATELY AFTER AN INTERSECTION AND THEN APPROXIMATELY EVERY 500 FEET.
- BIKE LANE SIGNS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER. R7-9 SIGNS SHALL BE MOUNTED AT A 45 DEGREE ANGLE TO THE ROADWAY. R3-17 SIGNS, INSTALLED AFTER MAJOR INTERSECTIONS, SHALL BE MOUNTED PERPENDICULAR TO THE ROADWAY.
- MINIMUM ADVANCE PLACEMENT DISTANCE (D2) OF WARNING SIGNS SHALL BE BASED ON THE CURRENT ADOPTED EDITION OF THE MUTCD.

Typical Intersection Leg With Right Turn Drop Lane and Bike Lane

▲			
▲	05/21	SM	Various changes
▲	07/04	SM	Various changes
▲	08/23	BT	REVISIONS



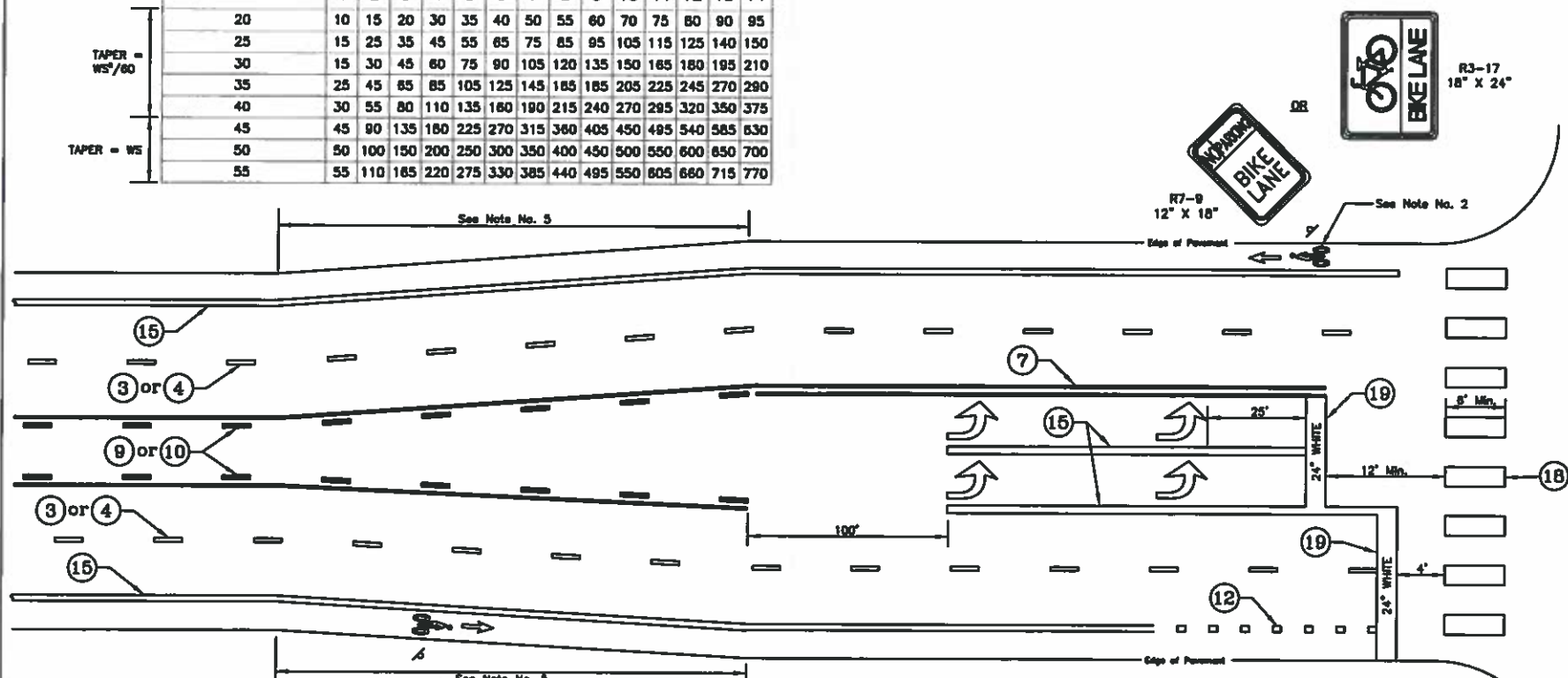
SIGNATURES			
Drawn By	Autumn Bank	Checked By	Autumn Bank
Design Date	10/15/09	Design No.	10-1113.004
Drawn By	Autumn Bank	Checked By	Autumn Bank
Design Date	10/15/09	Design No.	10-1113.004

Standard Traffic Stripe Details

12/4/2014

TS-1112

TABLE 1 - MINIMUM TAPER LENGTHS		OFFSET (FEET)													
SPEED LIMIT (MPH)		1	2	3	4	5	6	7	8	9	10	11	12	13	14
TAPER = WS ² /60	20	10	15	20	30	35	40	50	55	60	70	75	80	90	95
	25	15	25	35	45	55	65	75	85	95	105	115	125	140	150
	30	15	30	45	60	75	90	105	120	135	150	165	180	195	210
	35	25	45	65	85	105	125	145	165	185	205	225	245	270	290
	40	30	55	80	110	135	160	190	215	240	270	295	320	350	375
TAPER = WS	45	45	90	135	180	225	270	315	360	405	450	495	540	585	630
	50	50	100	150	200	250	300	350	400	450	500	550	600	650	700
	55	55	110	165	220	275	330	385	440	495	550	605	660	715	770



Legend
 (XX) Striping Detail Number



Typical Intersection Leg With Dual Left Turns

NOTES:

- SEE ACHD STANDARD DETAIL TS-1113 FOR STANDARD LANE USE PAVEMENT MARKING DETAILS.
- BIKE LANE SYMBOL SHALL BE PLACED IMMEDIATELY AFTER AN INTERSECTION AND THEN APPROXIMATELY EVERY 500 FEET.
- BIKE LANE SIGNS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER. R7-9 SIGNS SHALL BE MOUNTED AT A 45 DEGREE ANGLE TO THE ROADWAY. R3-17 SIGNS, INSTALLED AFTER MAJOR INTERSECTIONS, SHALL BE MOUNTED PERPENDICULAR TO THE ROADWAY.
- ADD SUPPLEMENTAL RIGHT AND LEFT TURN ARROWS IF TURN BAY LENGTHS EXCEED 200'.
- LEFT TURN BAY TAPER LENGTHS SHALL BE DETERMINED BASED ON INFORMATION PROVIDED IN TABLE 1 ON THIS SHEET.

NO.	DATE	BY	REVISION



SIGNATURES		BEST TITLE	
_____ Date: 04/29/19	_____ Position: Traffic Engineer	_____ Date: 04/29/19	_____ Position: Traffic Engineer
_____ Date: 04-29-2019	_____ Approved By: Steve Martin		

Standard Traffic Stripe Details

12/4/2014

TS-1112