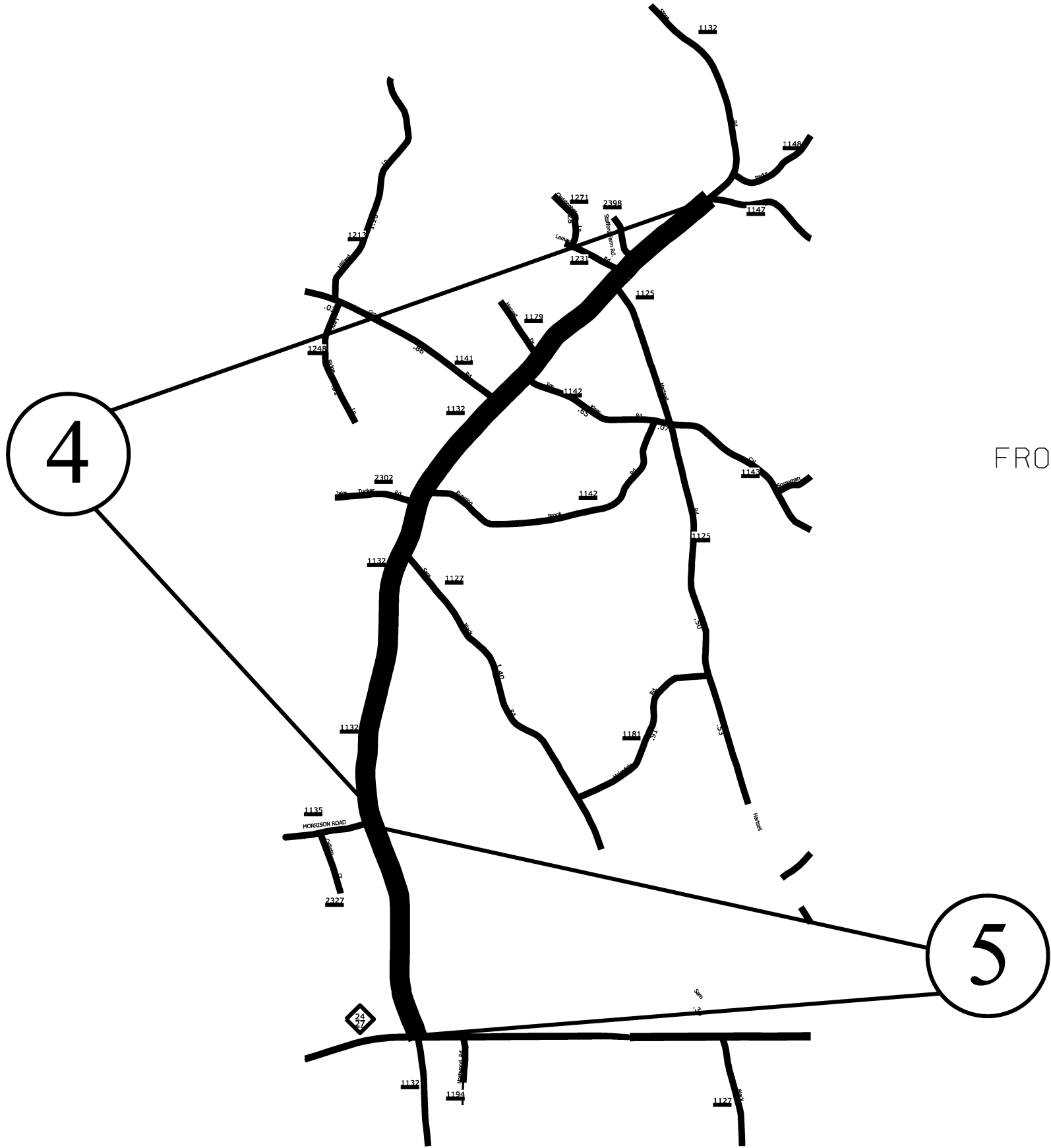


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131		
F.A. PROJECT NO.			

ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

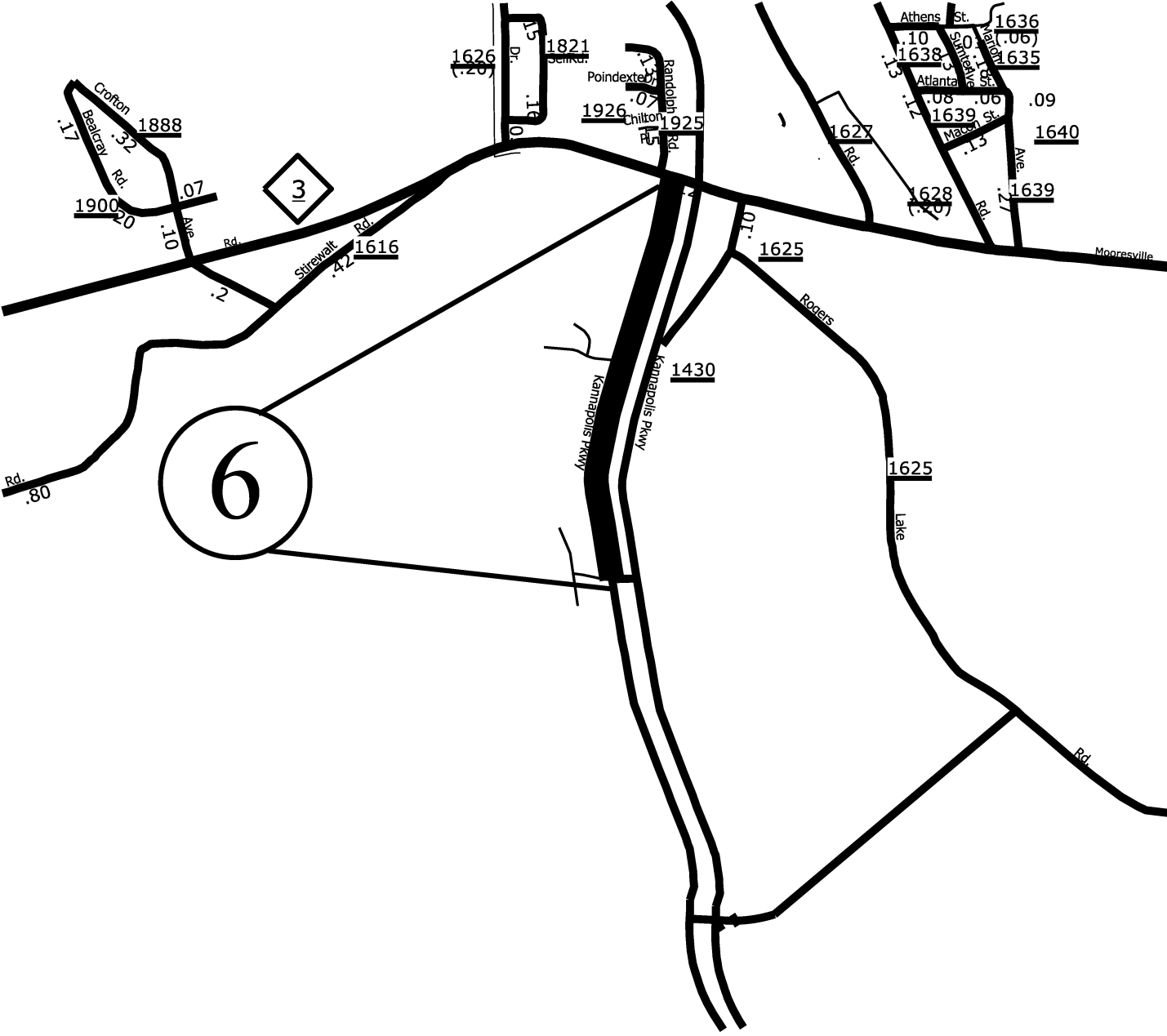


MAP #4 - SR 1132 FLOWES STORE ROAD
3.42 MILES
FROM JOINT BEFORE SR 1147 FLOWES STORE ROAD EAST (MP 10.87)
TO SR 1135 MORRISON ROAD (MP 14.29)

MAP #5 - SR 1147 FLOWES STORE ROAD
1.01 MILES
FROM SR 1135 MORRISON ROAD (MP 14.29)
TO NC 24/27 (MP 15.3)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131		
F.A. PROJECT NO.			

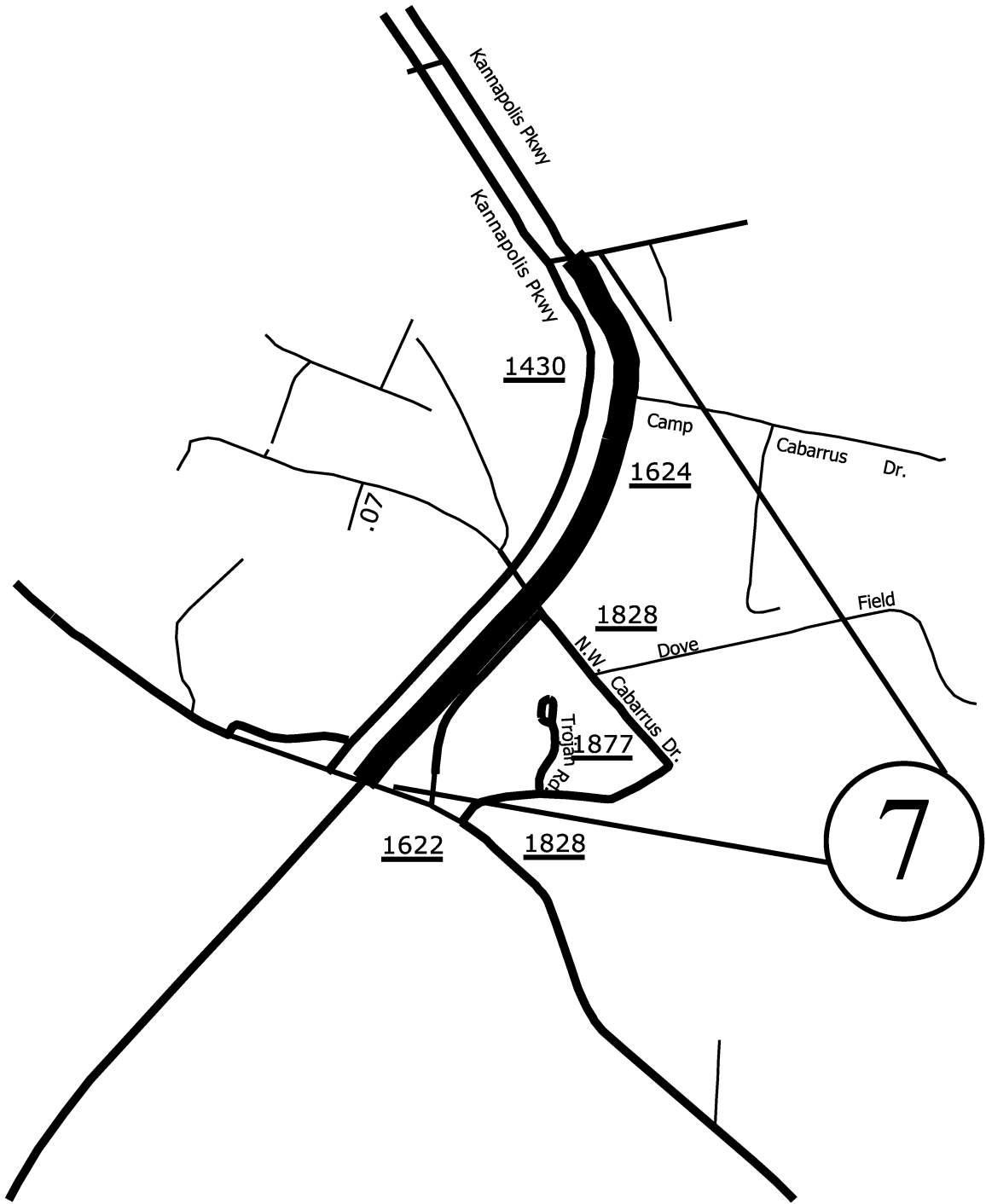
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



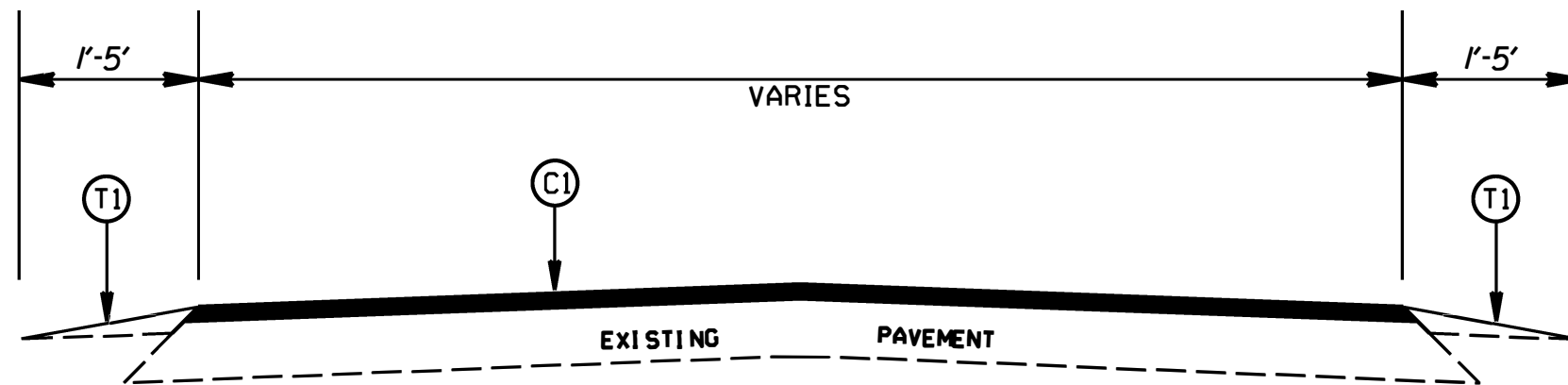
MAP #6 - SR 1430 KANNAPOLIS PARKWAY EB
0.94 MILES
FROM 0.03 FROM NC 3 (MP 0.03)
TO PROFESSIONAL PARK DRIVE (MP 0.97)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131		
F.A. PROJECT NO.			

ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

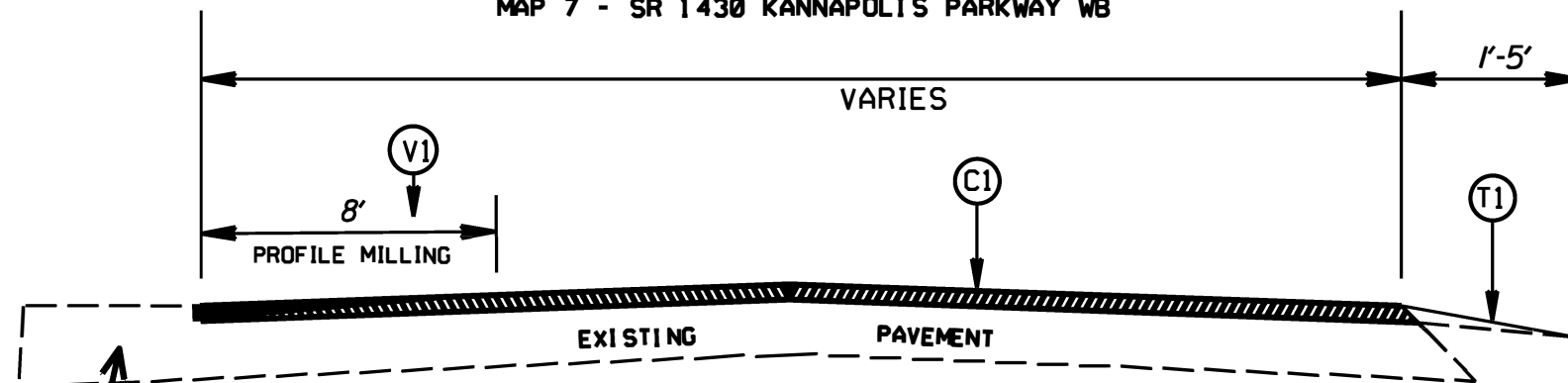


MAP #7 - SR 1430 KANNAPOLIS PARKWAY WB
0.90 MILES
FROM SR 1622 TRINITY CHURCH ROAD (MP 7.19)
TO KELLSWATER BRIDGES BLVD (MP 8.090)



TYPICAL SECTION NO. 1

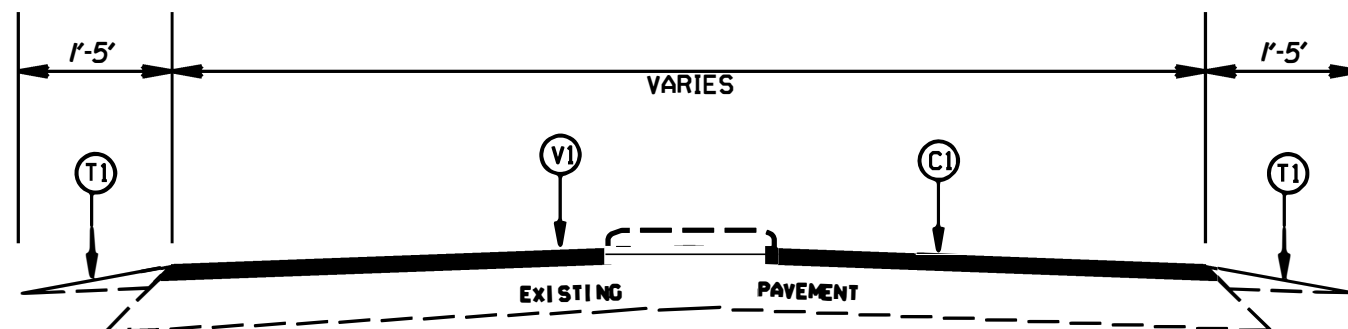
- MAP 1 - SR 1132 MIAMI CHURCH ROAD
- MAP 2 - SR 1132 MIAMI CHURCH ROAD
- MAP 3 - SR 1132 MIAMI CHURCH ROAD
- MAP 4 - SR 1132 FLOWES STORE ROAD
- MAP 5 - SR 1132 FLOWES STORE ROAD
- MAP 6 - SR 1430 KANNAPOLIS PARKWAY EB
- MAP 7 - SR 1430 KANNAPOLIS PARKWAY WB



TYPICAL SECTION NO. 2

- MAP 4 - SR 1132 FLOWES STORE ROAD

PAVED ENTRANCE
AT FIRESTATION



TYPICAL SECTION NO. 3

- MAP 5 - SR 1132 FLOWES STORE ROAD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131		
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING OF EXISTING ASPHALT, 0.0" - 2.0" (8' WIDTH)

NOTES:

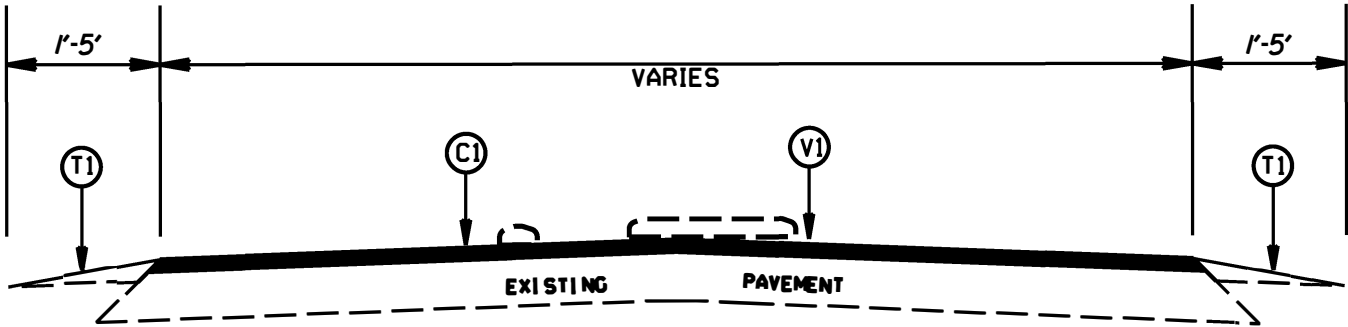
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY
RESURFACING SPRING 2025

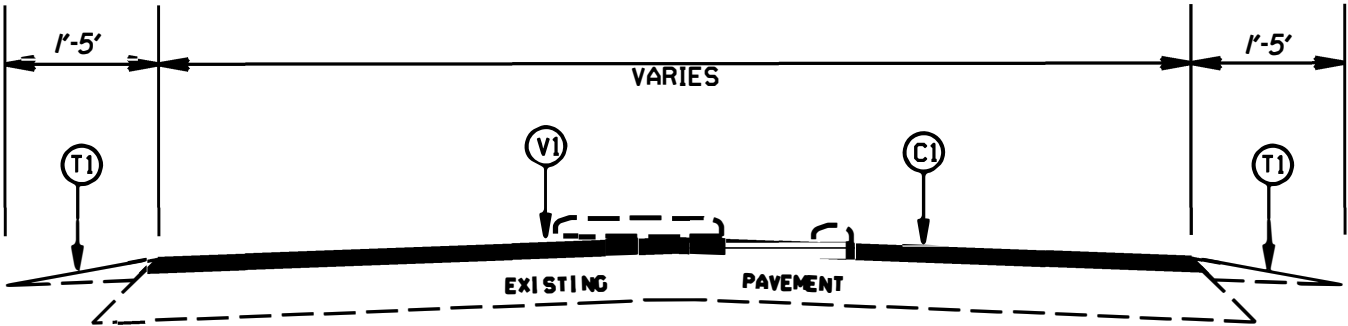
SCALE	DATE	DESIGN BY	APPROVED	REVISIONS
1/4"	1/23	JWH	JWH	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131		
F.A. PROJECT NO.			



TYPICAL SECTION NO. 4
MAP 7 - SR 1430 KANNAPOLIS PARKWAY WB



TYPICAL SECTION NO. 5
MAP 7 - SR 1430 KANNAPOLIS PARKWAY WB

PAVEMENT SCHEDULE	
C1	PROP. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING OF EXISTING ASPHALT, 0.0" - 2.0" (8' WIDTH)

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

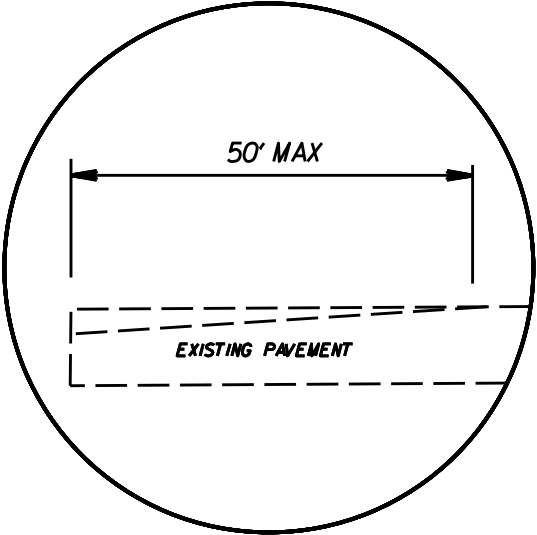
CABARRUS COUNTY
RESURFACING SPRING 2025

SCALE	1/4"
DATE	1/23
DWG. BY	JMH
DESIGN BY	JMH
APPROVED	

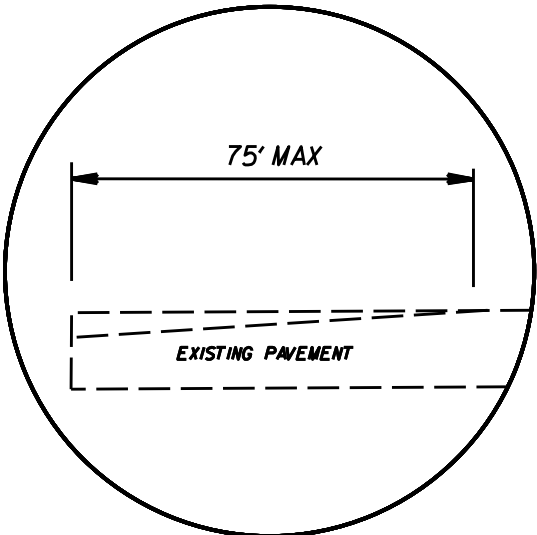


REVISIONS	

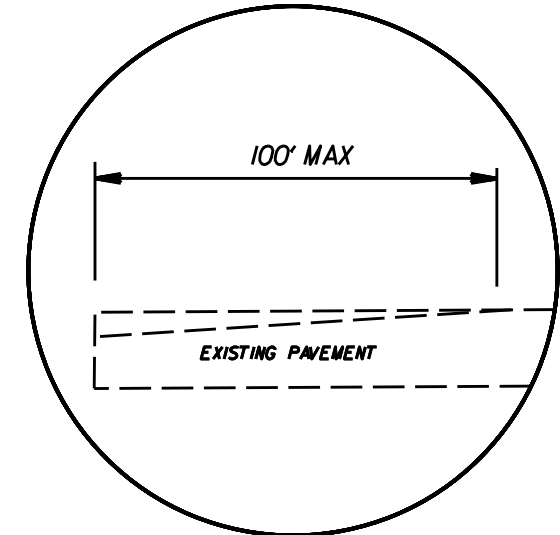
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	7	15
F.A. PROJECT NO.			



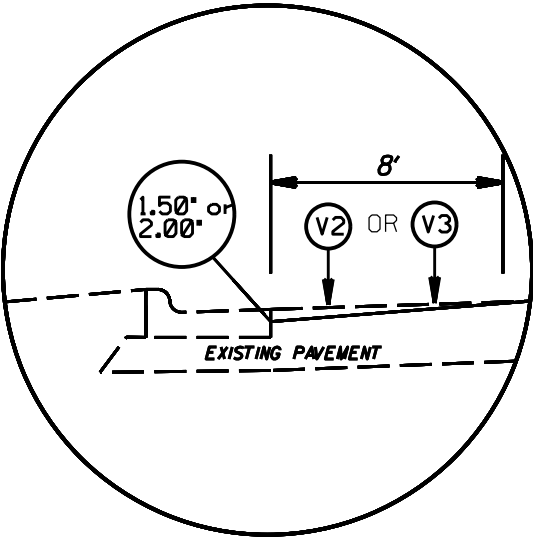
DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")
TIE-IN



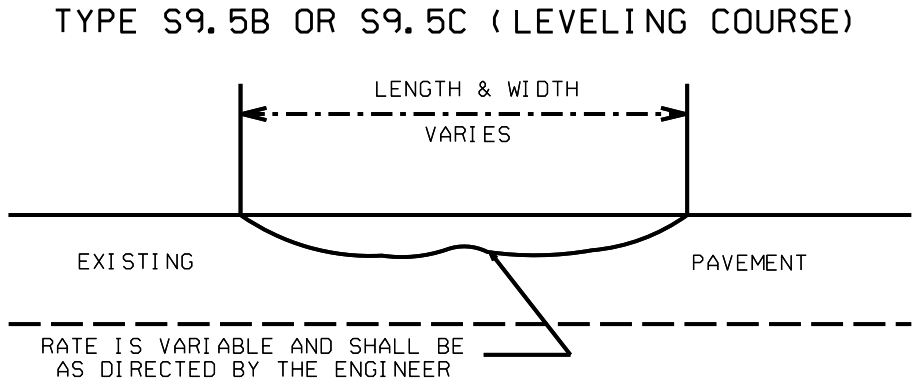
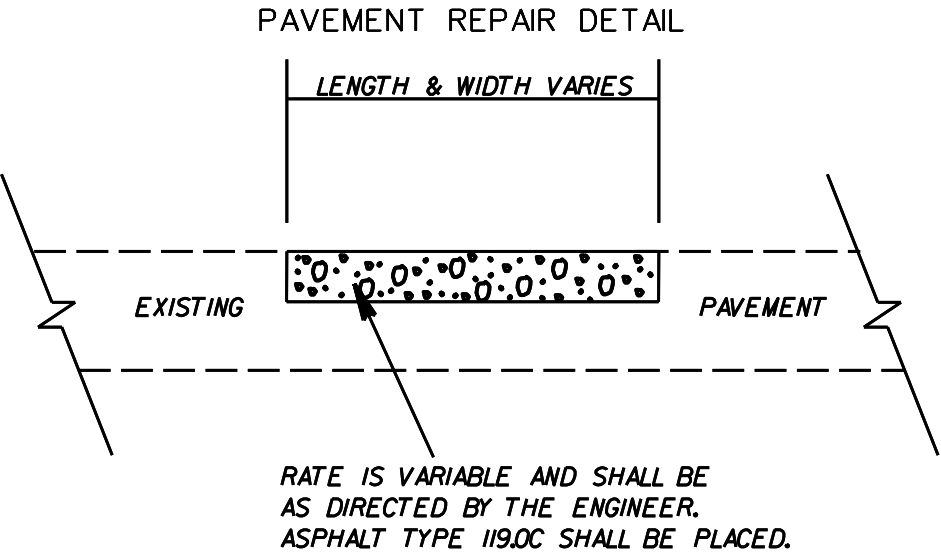
DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")
TIE-IN



DETAIL FOR INCIDENTAL MILLING (0" TO 2.0")
TIE-IN



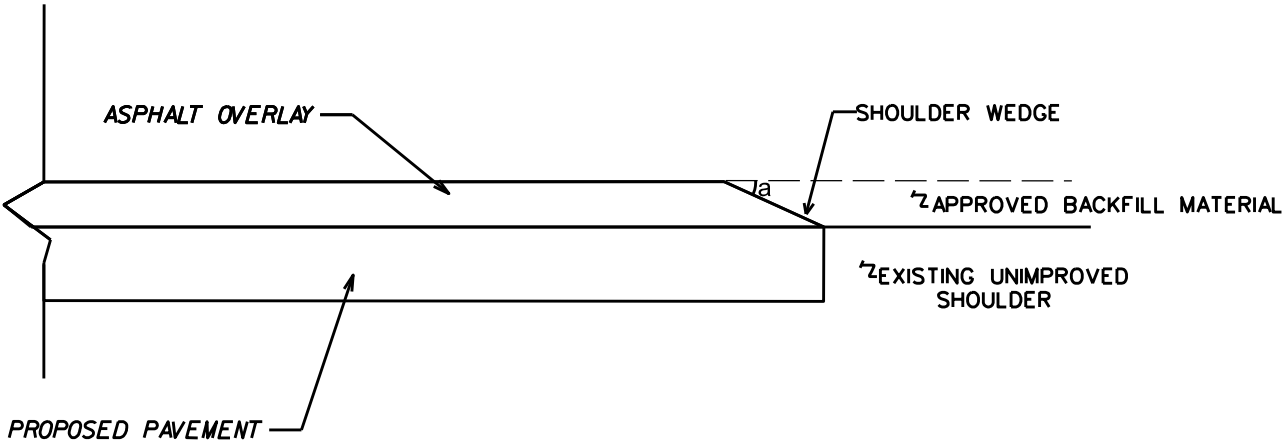
DETAIL FOR PROFILE MILLING (0" TO 1.50") OR (0" TO 2")



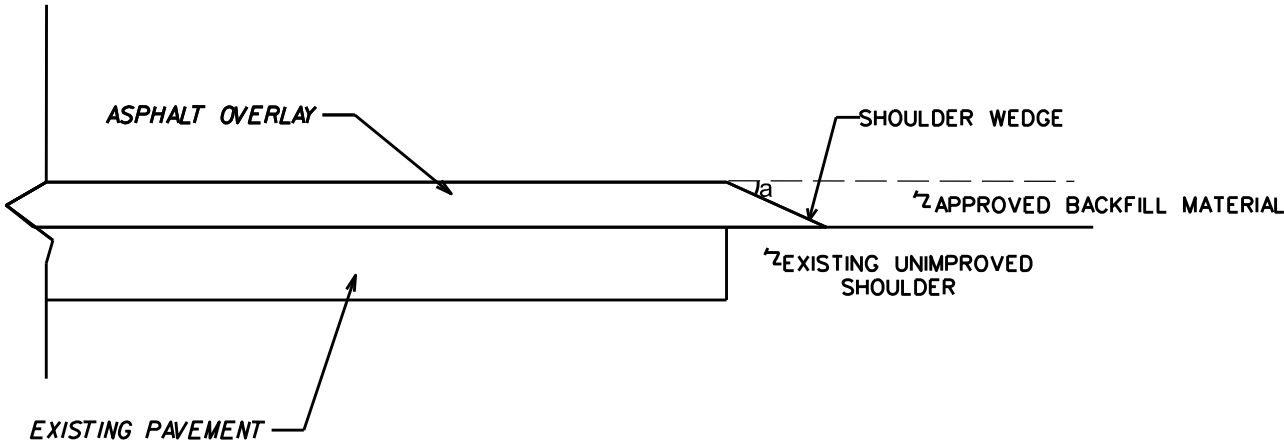
PATCHING, LEVELING, MILLING, PROFILE MILLING DETAILS			
SCALE	NA		REVISIONS
DATE	01/24		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JWH		

- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.

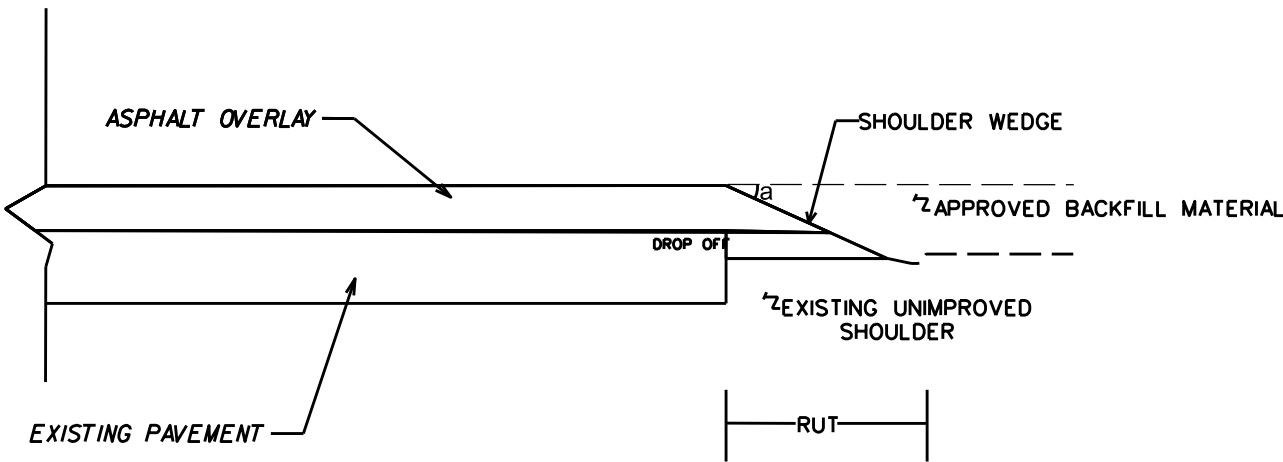
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	8	15
F.A. PROJECT NO.			



SHOULDER WEDGE DETAIL
(RESURFACING PROJECTS W/ WIDENING OR
WITH EXISTING PAVED SHOILDER HAVING NO
DROPOFFS)




SHOULDER WEDGE DETAIL
(RESURFACING PROJECTS W/ NO WIDENING)



SHOULDER WEDGE DETAIL
(RESURFACING ADJACENT TO RUTTED
SHOULDER)

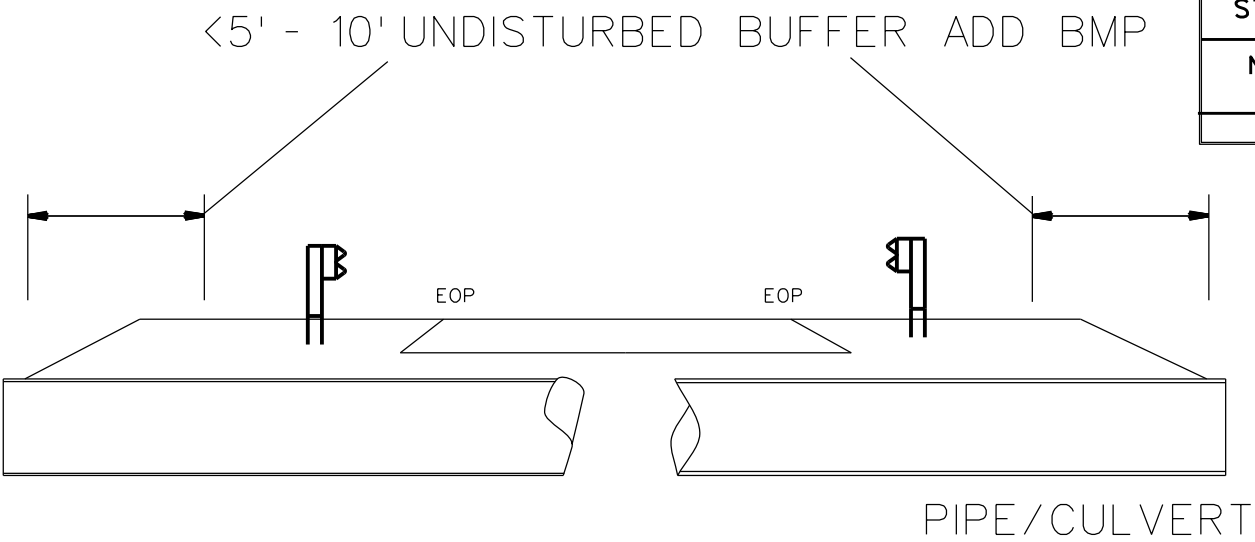
a = 30 DEGREES

SHOULDER WEDGE DETAILS			
SCALE	1/4"		REVISIONS
DATE	2/18		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JAB		

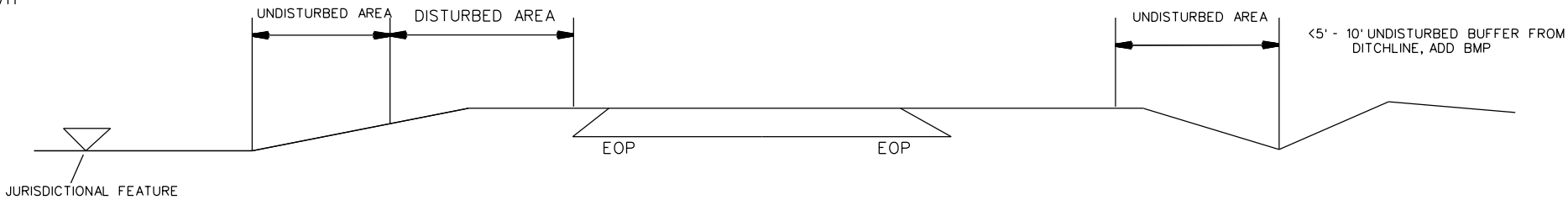
NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

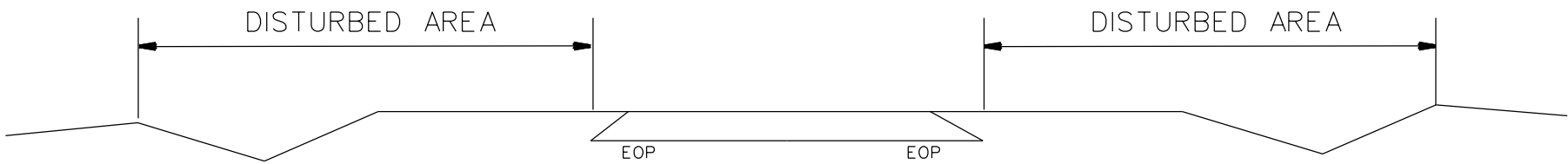
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	9	15
F.A. PROJECT NO.			



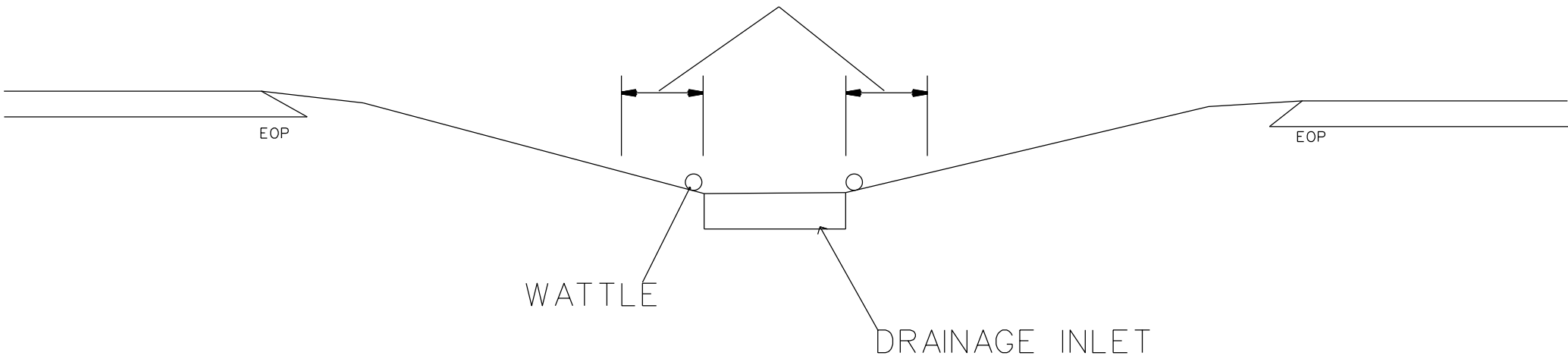
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP




USE BMP'S IF SHOULDERS AND/OR FRONTSLOPES AND/OR DITCHLINE AND/OR BACKSLOPES ARE DISTURBED



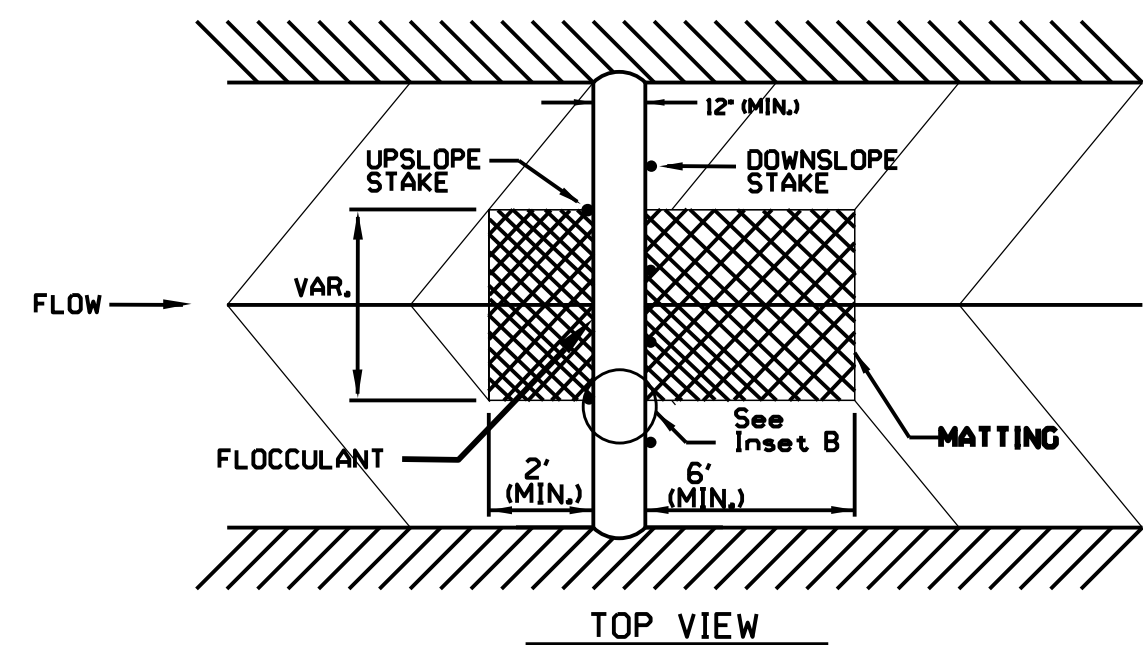
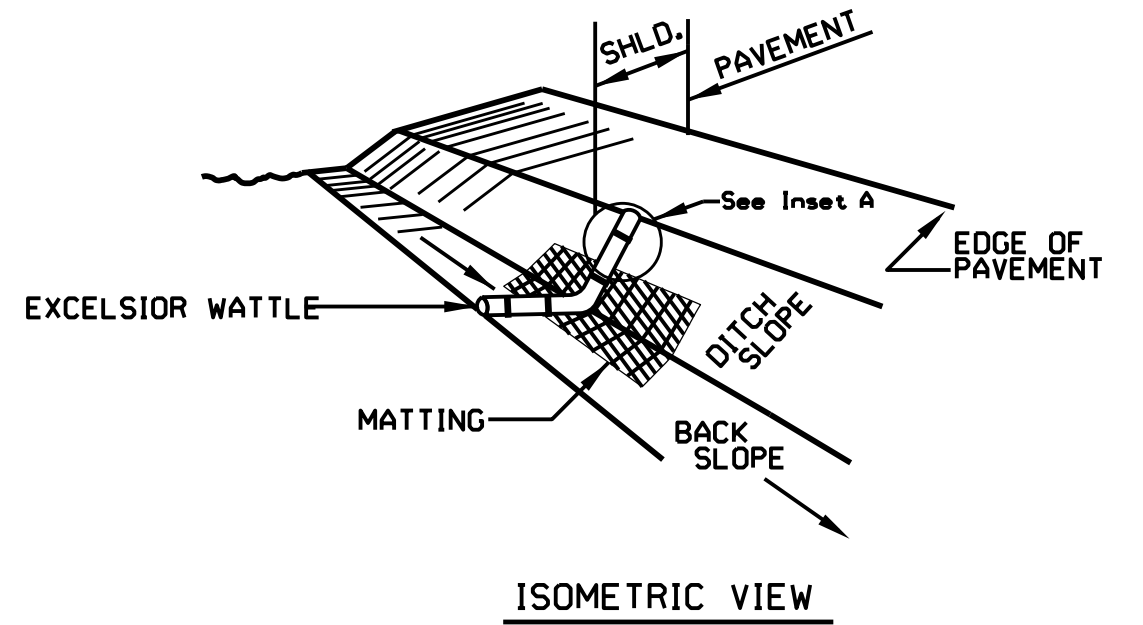
<5' - 10' UNDISTURBED BUFFER FROM INLET, ADD WATTLE



EROSION CONTROL DETAIL			
SCALE	NA		REVISIONS
DATE	2/18		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JAB		

WATTLE CHECK

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	10	15
F.A. PROJECT NO.			



NOTES:

THIS DRAWING APPLIES TO BOTH EXCELSIOR AND COIR FIBER WATTLE CHECKS WITH AND WITHOUT FLOCCULANT.

USE MINIMUM 12 IN. DIAMETER EXCELSIOR OR COIR FIBER WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

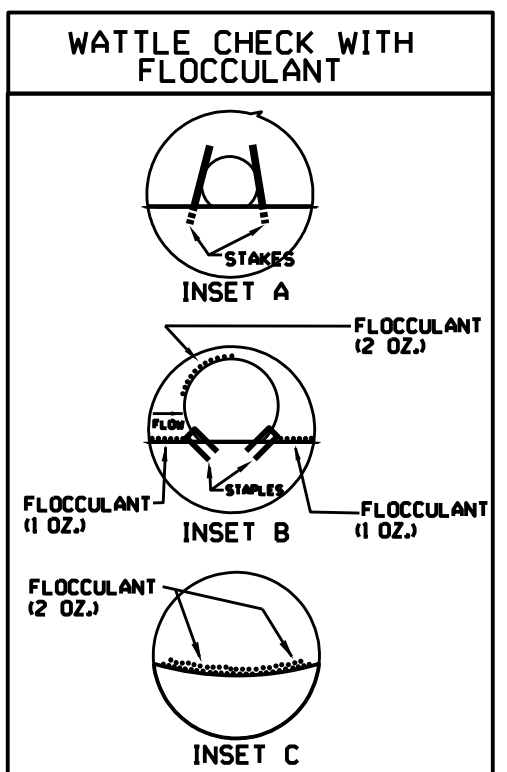
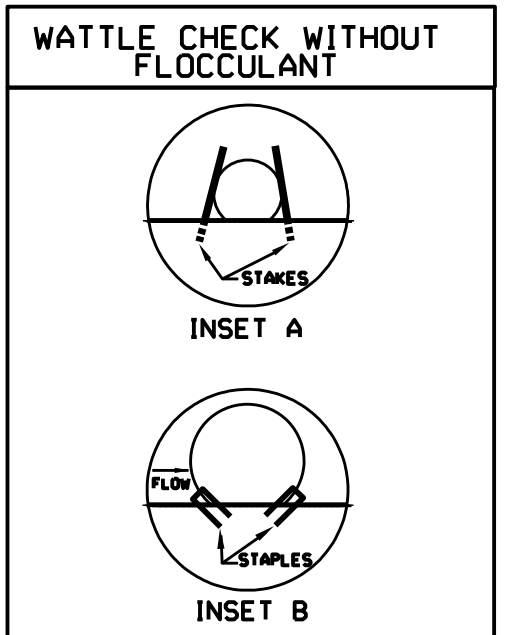
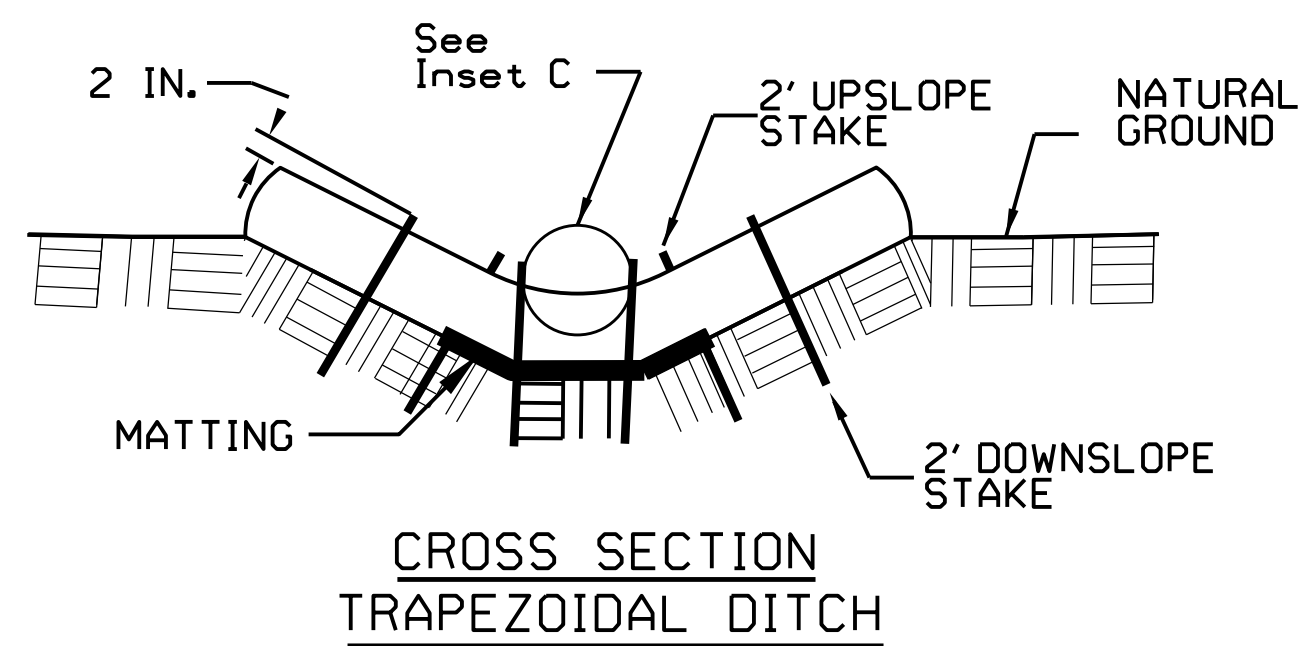
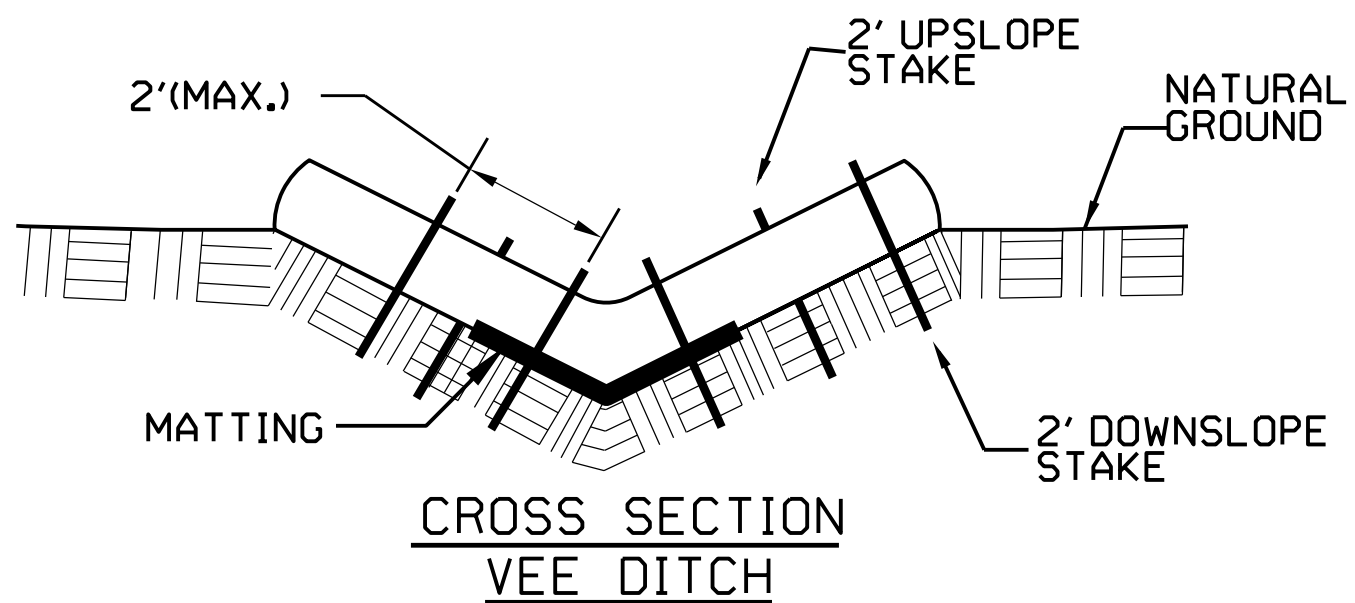
PROVIDE STAPLES MADE OF 11 GAUGE STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 6" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

PRIOR TO FLOCCULANT APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED FLOCCULANT OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF FLOCCULANT ON MATTING ON EACH SIDE OF WATTLE. REAPPLY FLOCCULANT AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



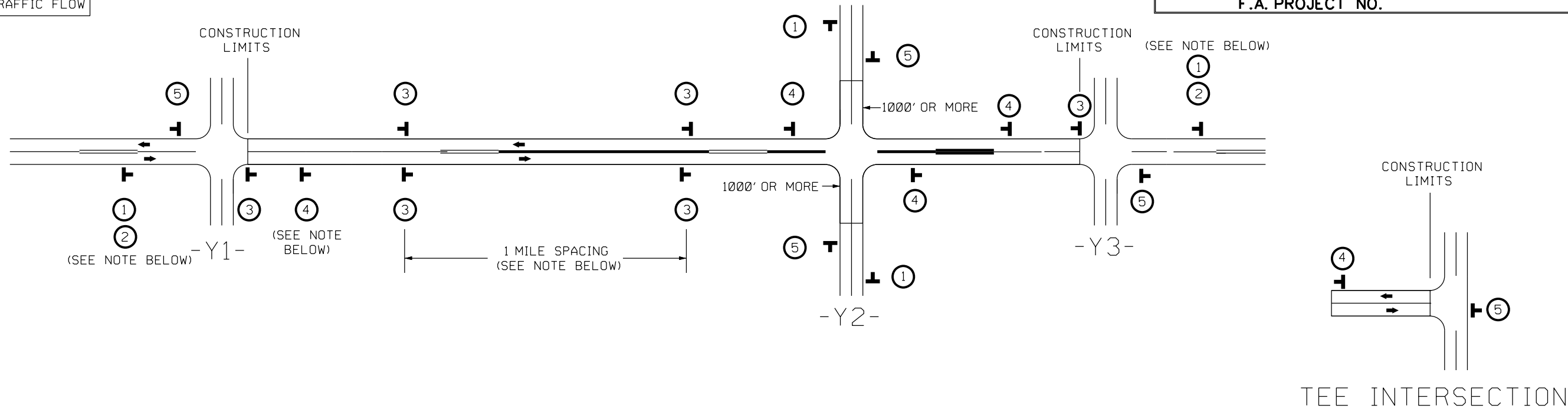
SIGNING FOR RESURFACING PROJECTS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	11	15
F.A. PROJECT NO.			

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<div><div>1</div><div><div>W20-1 48" X 48"</div></div></div> <div><div>2</div><div><div>W7-3aP 24" X 18"</div></div></div> <div>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</div> <div>*2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</div>	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.
	<div><div>3</div><div><div>SP 13107 48" X 48"</div></div></div> <div>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</div>	
	<div><div>4</div><div><div>SP 13106 48" X 48"</div></div></div> <div>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</div>	
	<div><div>5</div><div><div>G20-2 A 48" X 24"</div></div></div> <div>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</div>	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.	
LESS 2 MILES	FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.	

W20-1
48" X 48"

PLACED 500' IN ADVANCE OF FLAGGER.

W20-7 A
48" X 48"

PLACED 250' IN ADVANCE OF FLAGGER.

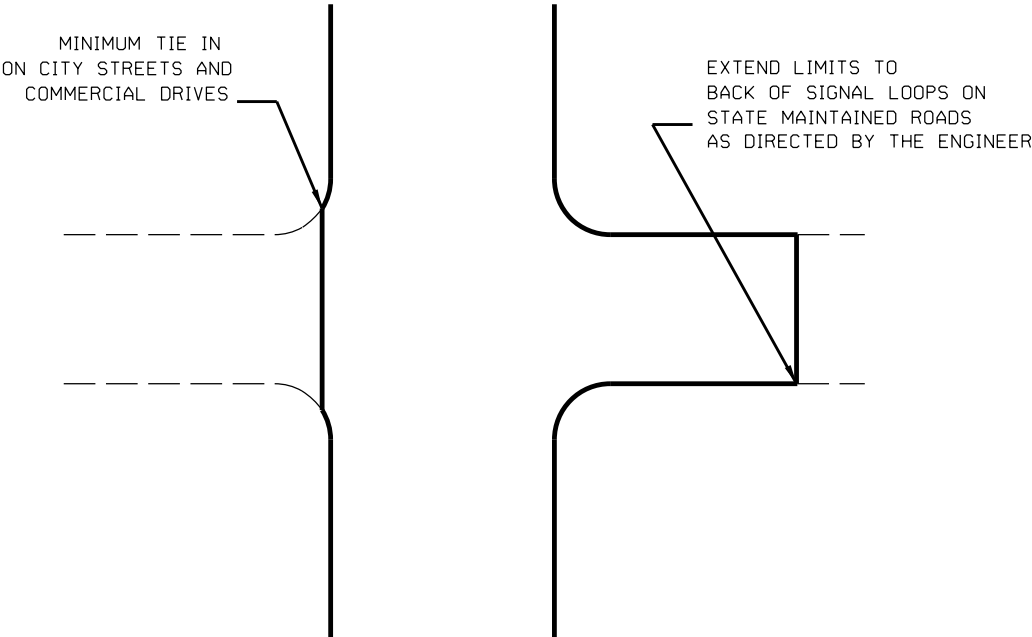
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL



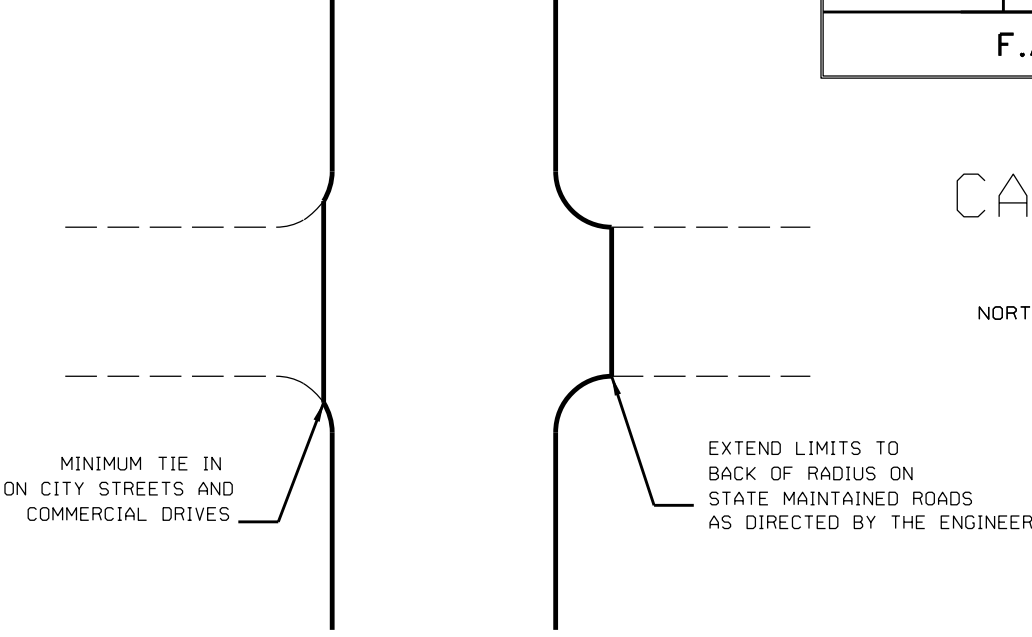
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	12	15
F.A. PROJECT NO.			

ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY: EHE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)		
Extend paving limits to back of radius or loop on the following intersections:		
MAP#	STREET NAME	COMMENTS
Map 1	SR 2685 Basswood Drive	To the back of the radius
Map 2	SR 2627 Joe Bost Road	To the back of the radius
Map 2	SR 2628 Heathcliff Road	To the back of the radius
Map 2	SR 2629 Hamby Branch Road	To the back of the radius
Map 2	SR 2707 Walden Pond Thruway	To the back of the radius
Map 3	SR 1185 Country Home Road	To the back of the radius
Map 3	SR 2630 Cold Springs Road	To the back of the radius
Map 3	SR 2686 Abilene Road	To the back of the radius
Map 4	SR 1147 Flowes Store Road East	To the back of the radius
Map 4	SR 2398 Stafford Farm Road	To the back of the radius
Map 4	SR 1231 Lamar Road	To the back of the radius
Map 4	SR 1125 Bethel Church Road	To the back of the radius
Map 4	SR 1179 Harvell Drive	To the back of the radius
Map 4	SR 1142 Jim Kiser Road	To the back of the radius
Map 4	SR 1141 Pine Grove Church Road	To the back of the radius
Map 4	SR 1142 Running Brook Road	To the back of the radius

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.21.20131	13	15
F.A. PROJECT NO.			

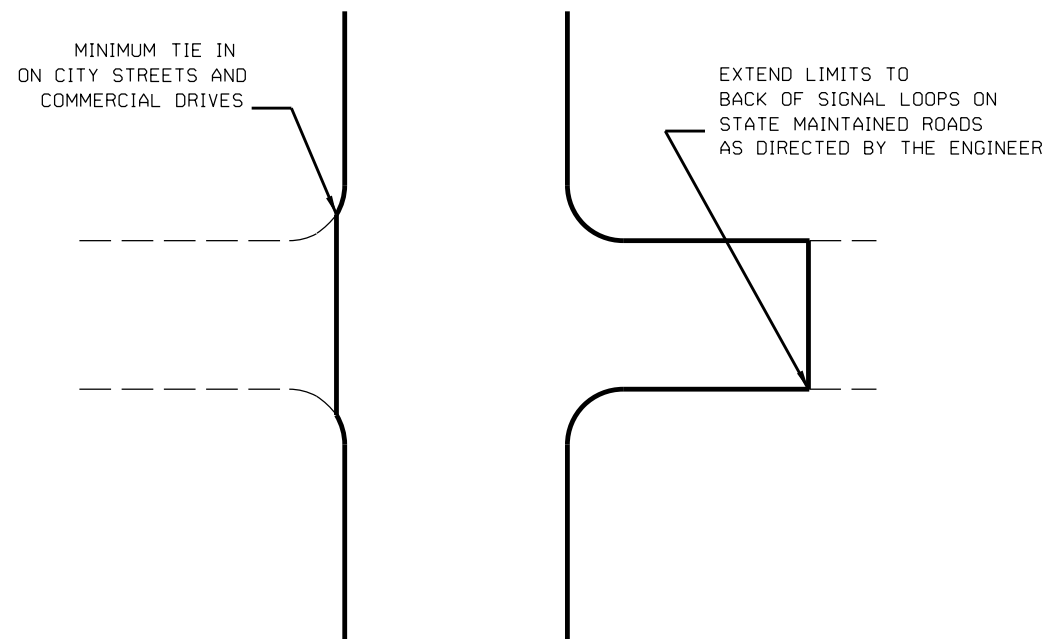
ENLARGED MUNICIPAL AND SUBURBAN AREAS

CABARRUS COUNTY

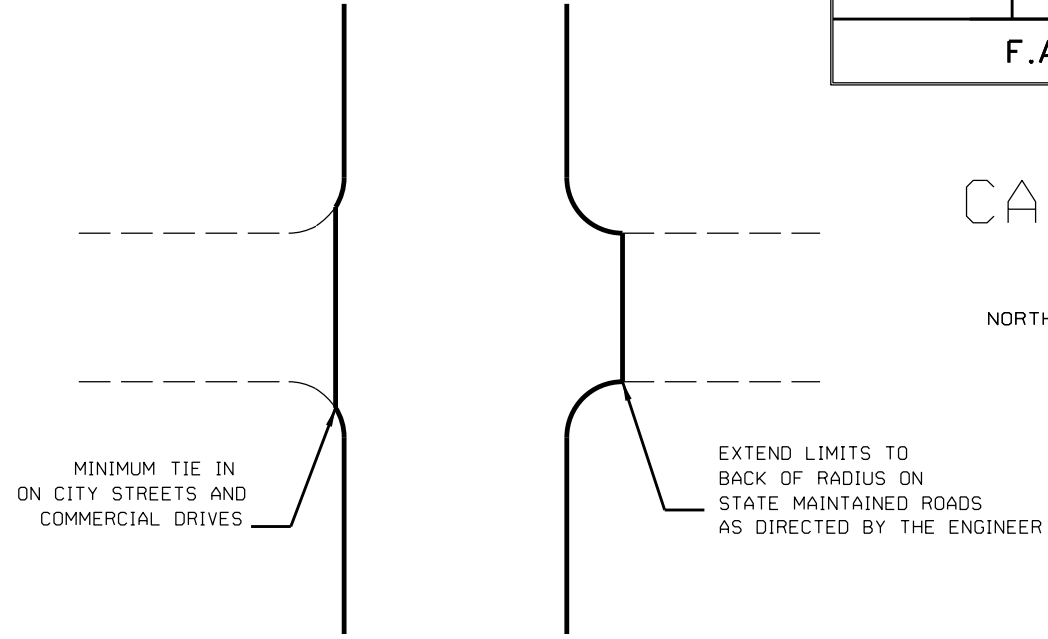
NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



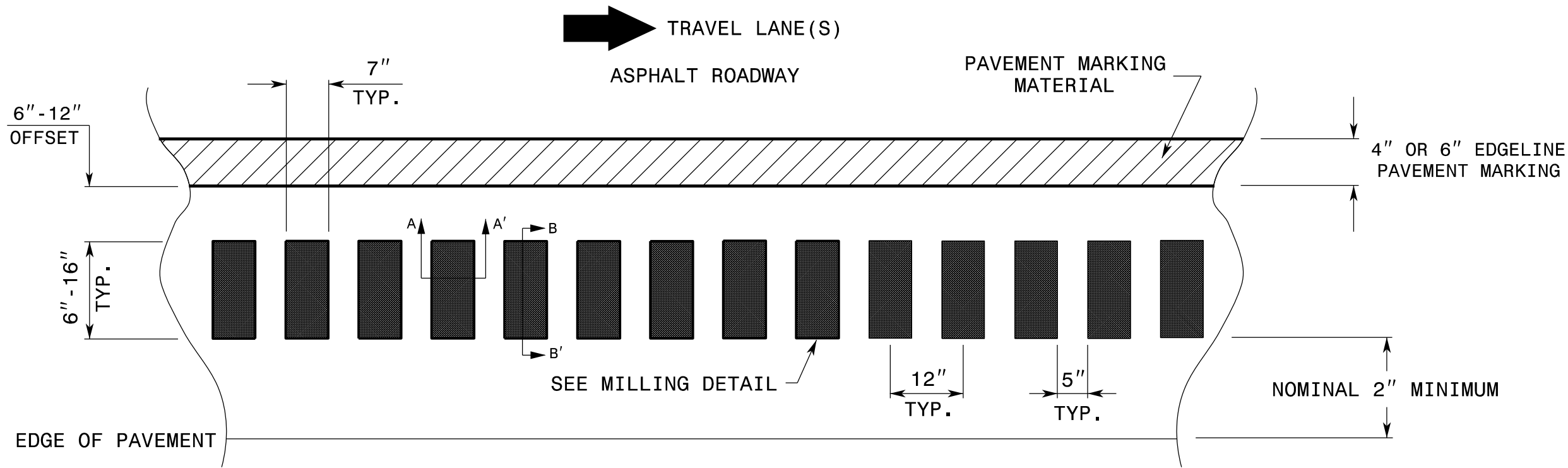
TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



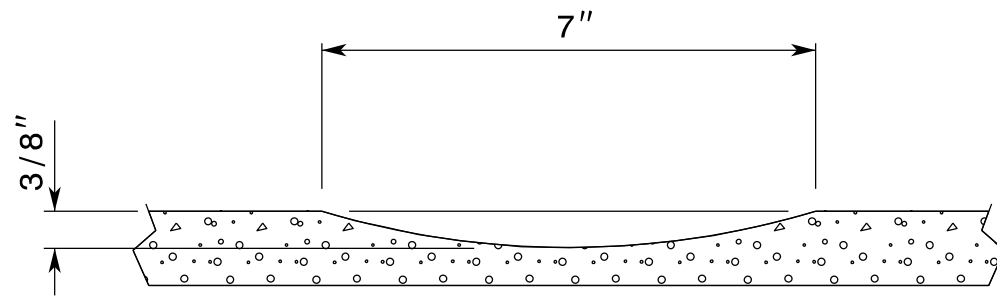
TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

[illegible]

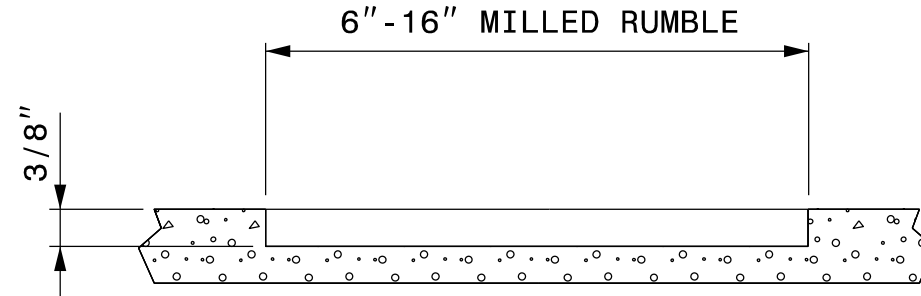
See Table 1 within Rumble Strip
Policy for Design Guidance



MILLING DETAIL:

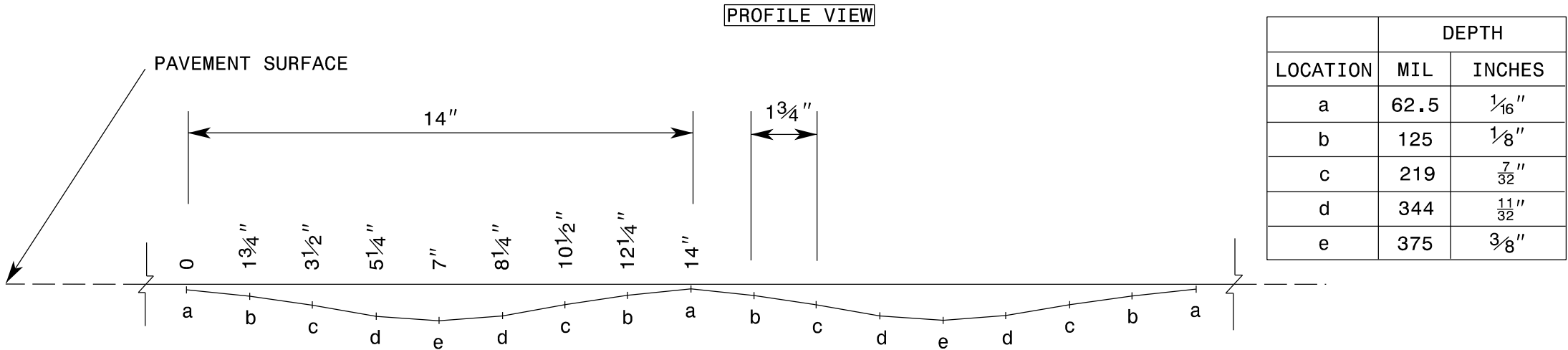
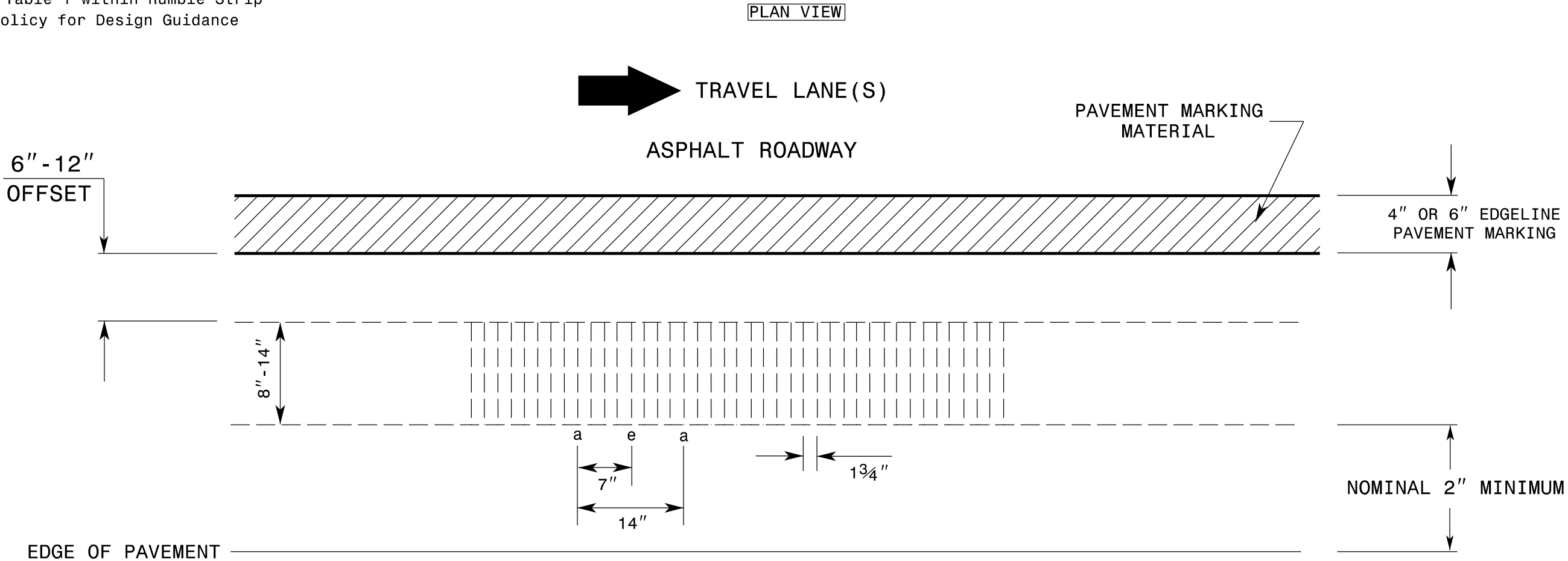


SECTION A-A'



SECTION B-B'

See Table 1 within Rumble Strip
Policy for Design Guidance



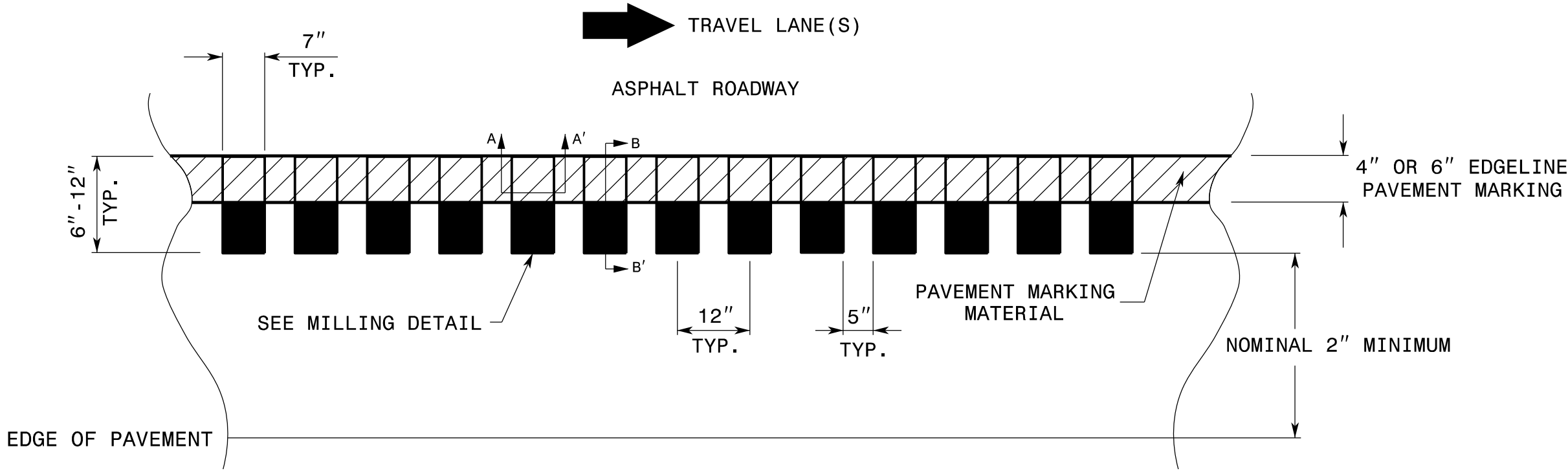
LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	11/32"
e	375	3/8"

REFERENCE DRAWING ID: Sin.Strip

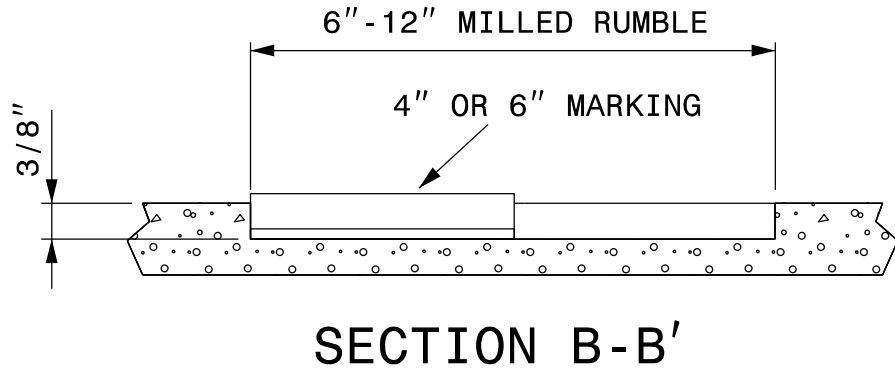
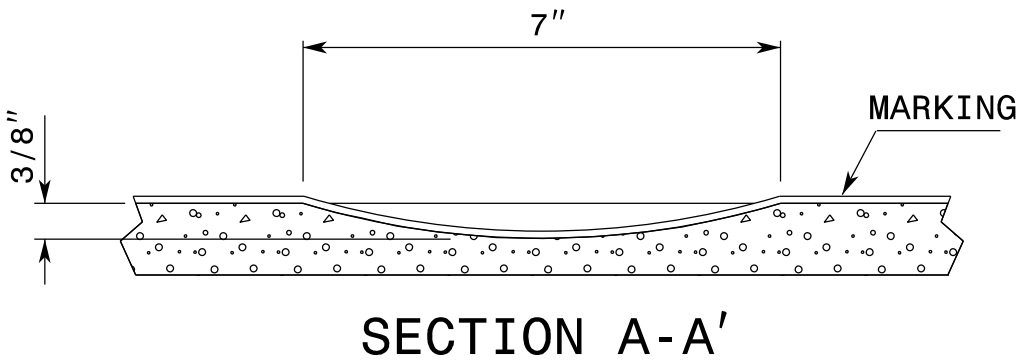
NOTES:

1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016*

See Table 1 within Rumble Strip
Policy for Design Guidance



MILLING DETAIL:

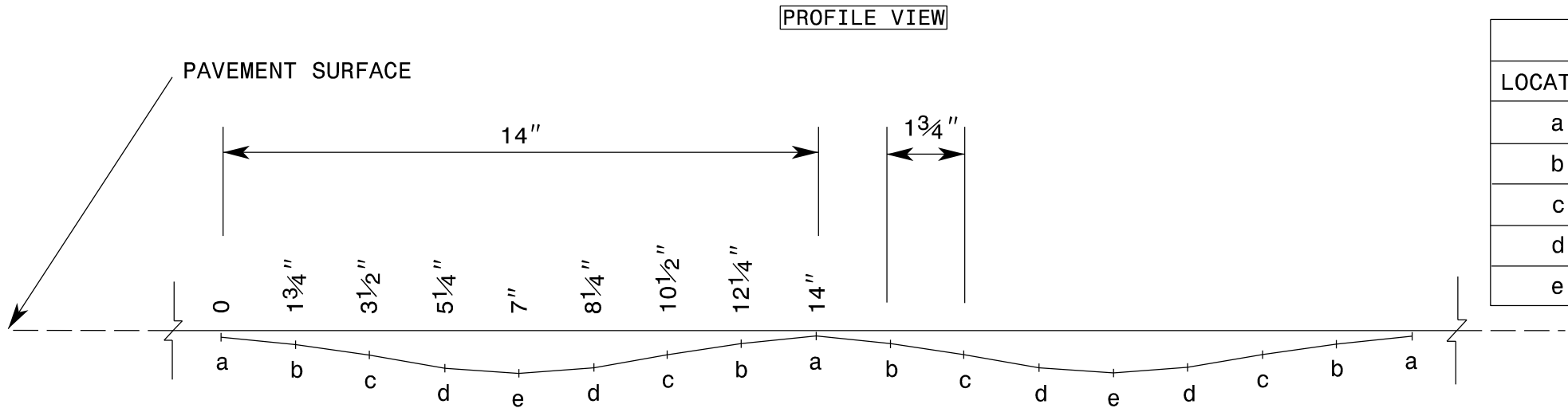
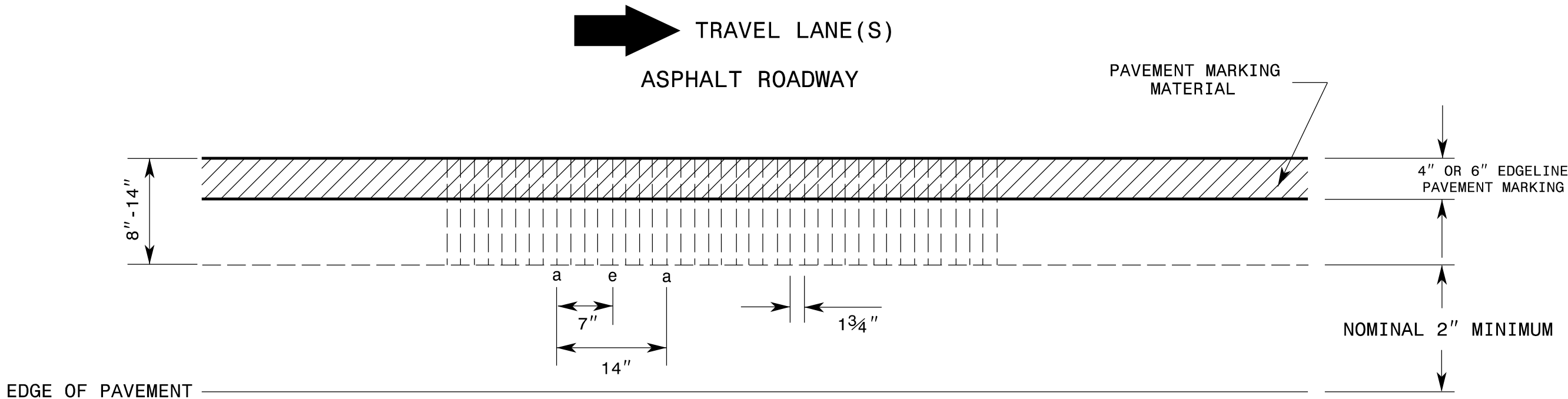


REFERENCE DRAWING ID: Trad.Stripe

NOTES:

- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

PLAN VIEW



	DEPTH	
LOCATION	MIL	INCHES
a	62.5	$\frac{1}{16}$ "
b	125	$\frac{1}{8}$ "
c	219	$\frac{7}{32}$ "
d	344	$\frac{11}{32}$ "
e	375	$\frac{3}{8}$ "

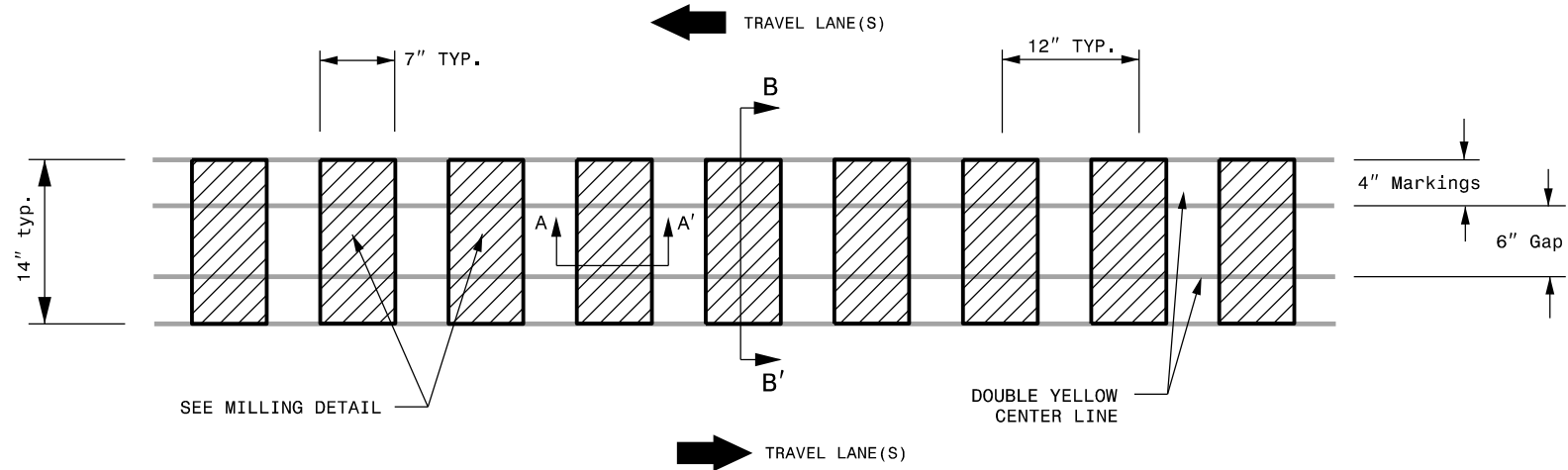
REFERENCE DRAWING ID: Sin.Stripe

NOTES:

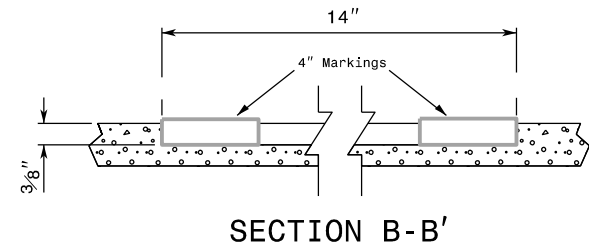
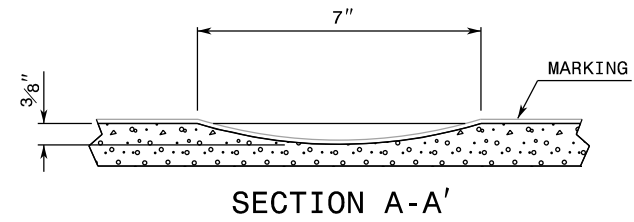
- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et al, June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

See Table 2 within Rumble Strip
Policy for Design Guidance

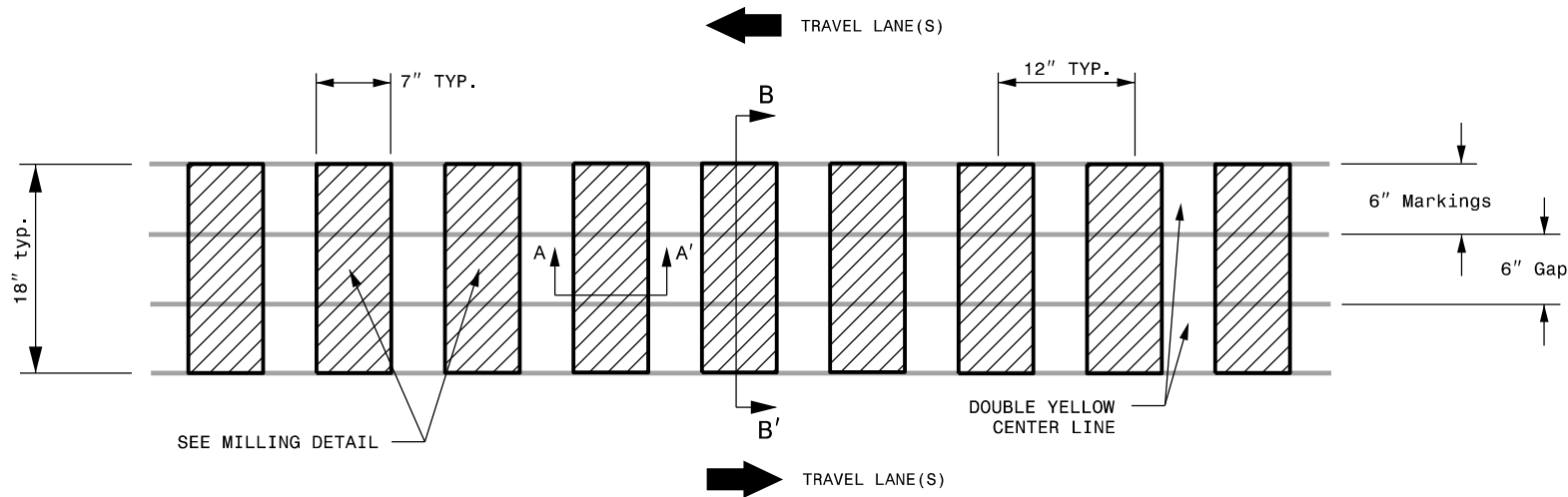
If 4" Markings will be used:



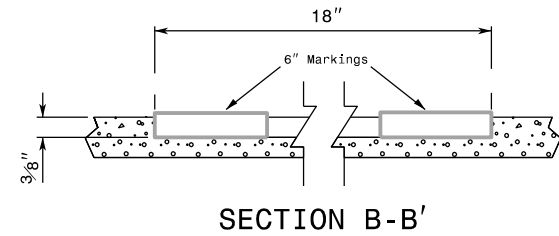
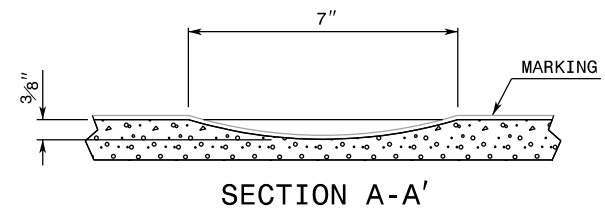
MILLING DETAIL - 4" Markings



If 6" Markings will be used:



MILLING DETAIL - 6" Markings

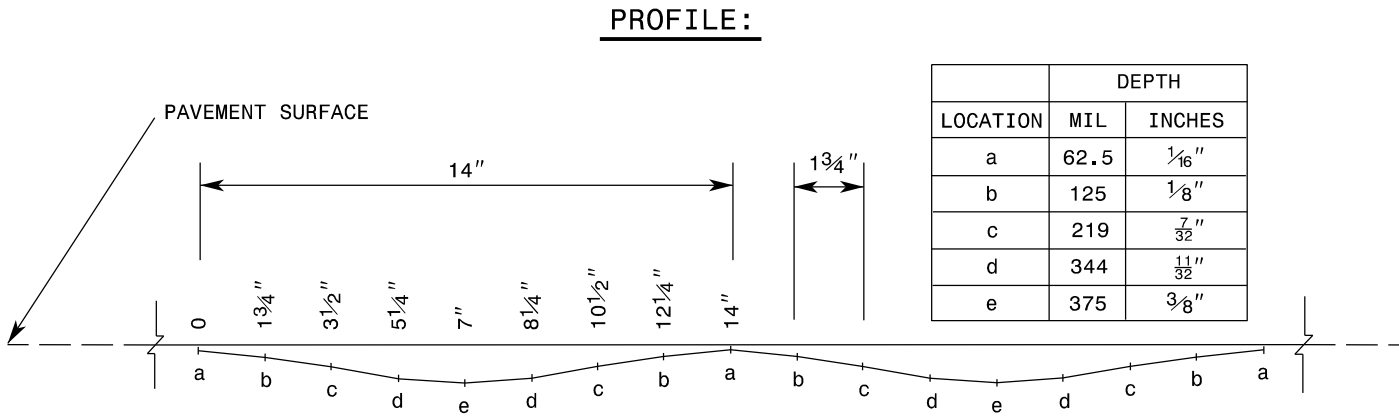
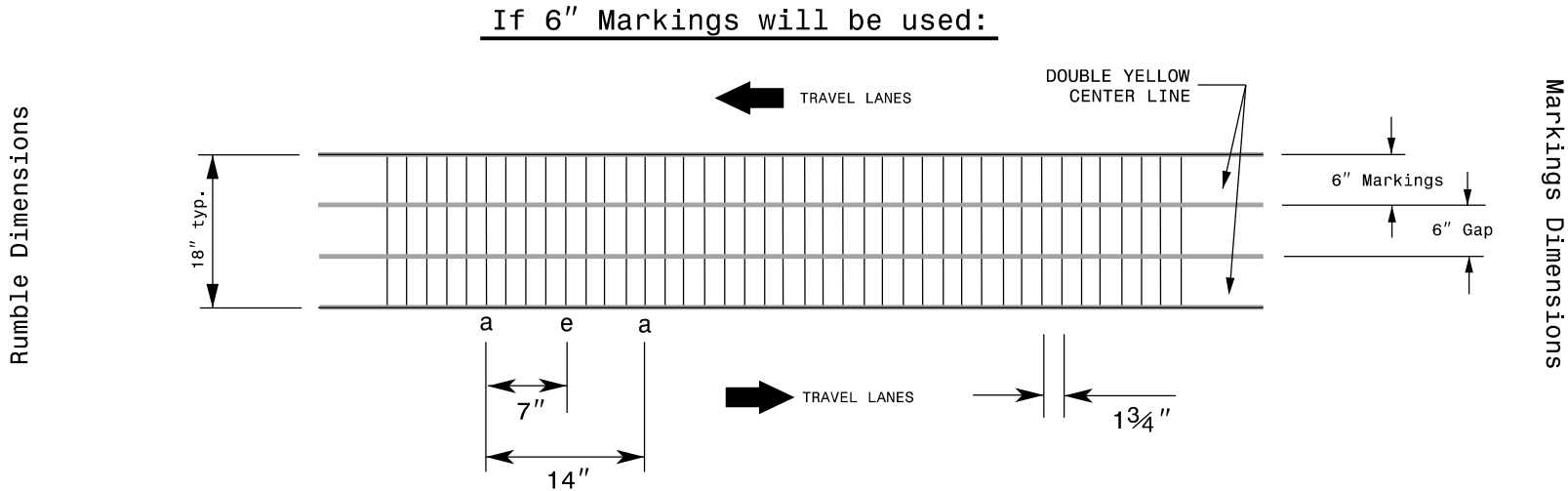
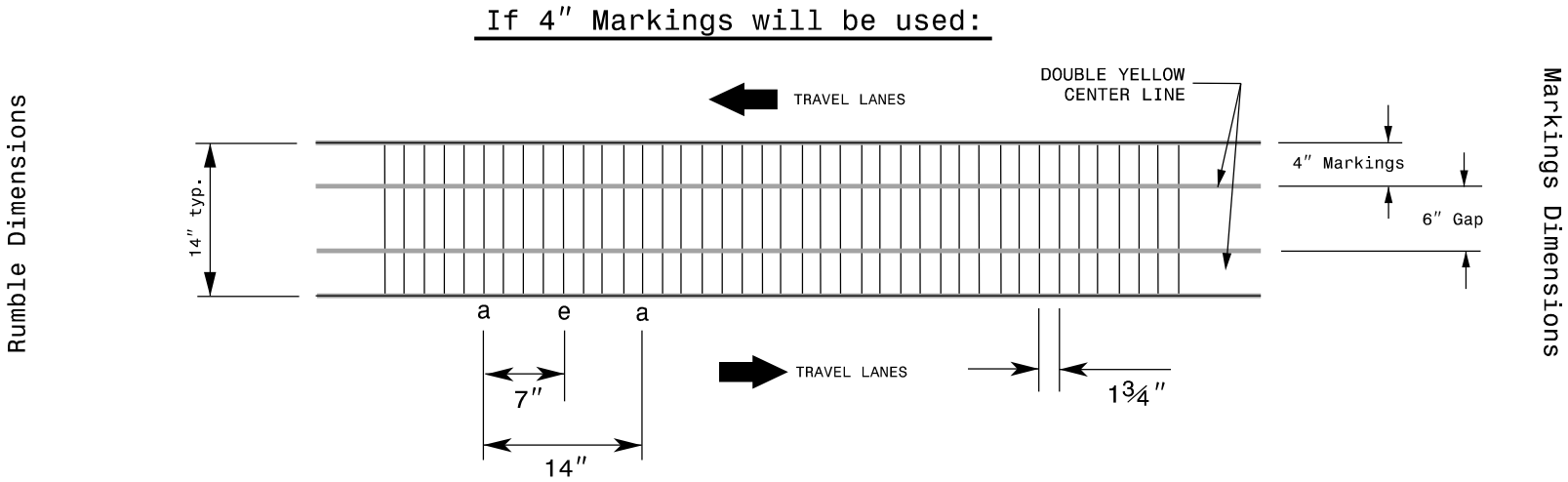


REFERENCE DRAWING ID: Trad.CL

NOTES:

- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

See Table 2 within Rumble Strip
Policy for Design Guidance

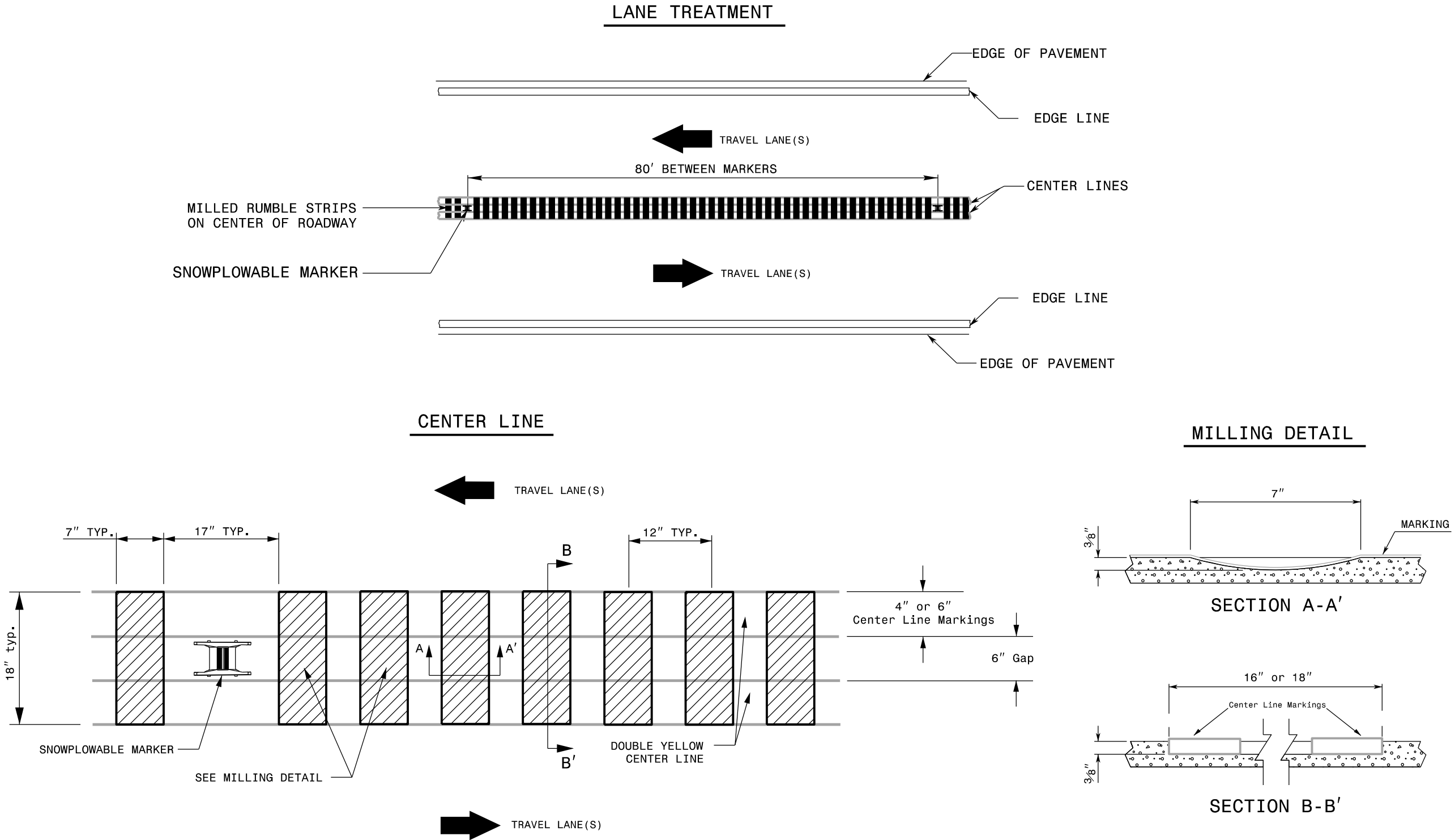


REFERENCE DRAWING ID: Sin.CL

NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al. June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

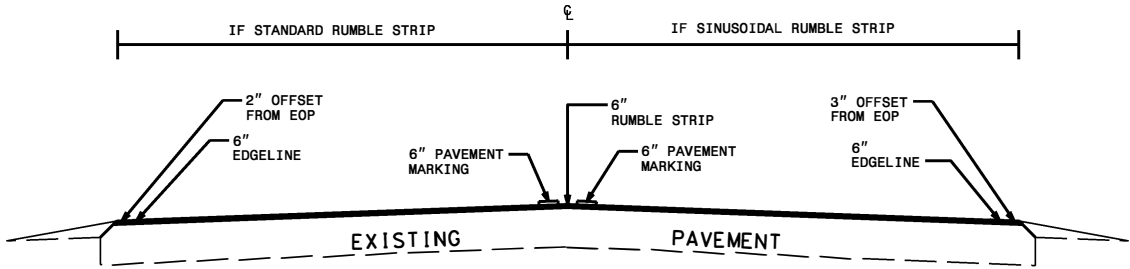
See Table 2 within Rumble Strip
Policy for Design Guidance



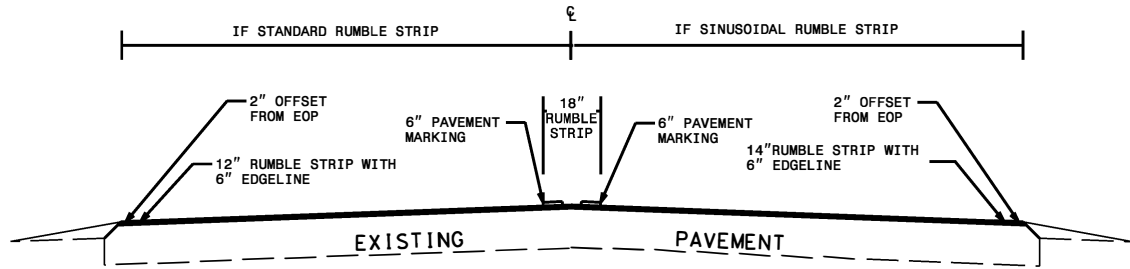
REFERENCE DRAWING ID: Trad.CL with Snowplowable Markers

NOTES:

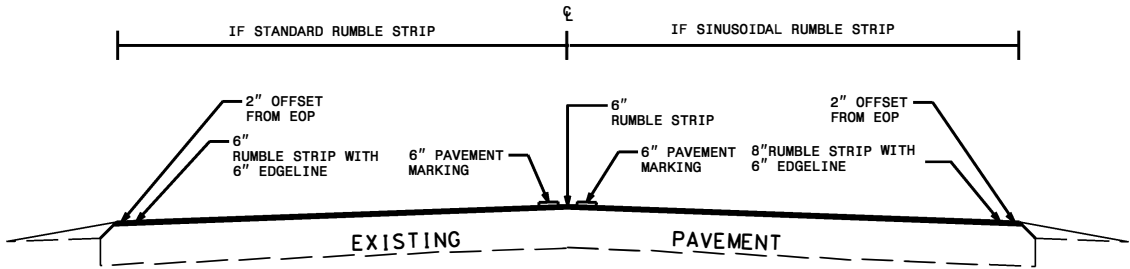
- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.
- 3) INSTALL SNOWPLOWABLE MARKERS AT APPROXIMATELY 80' INCREMENTS. DO NOT MILL RUMBLE STRIPS IN SECTION WHERE SNOWPLOWABLE MARKERS ARE INSTALLED.



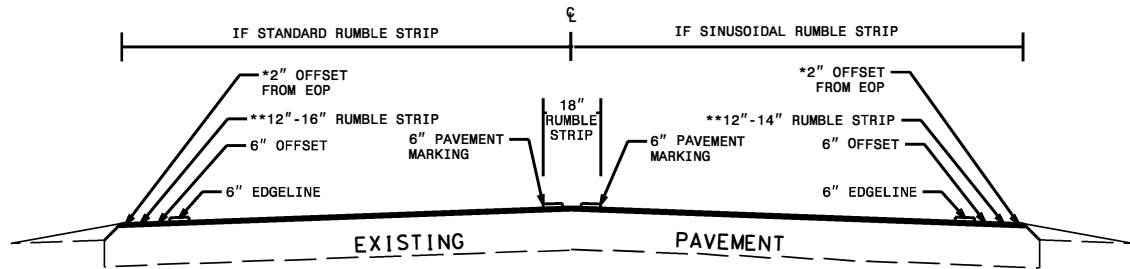
TYPICAL SECTION NO. 1
 $20' \leq \text{PAVEMENT WIDTH} < 22'$



TYPICAL SECTION NO. 4
 $24' \leq \text{PAVEMENT WIDTH} < 26'$

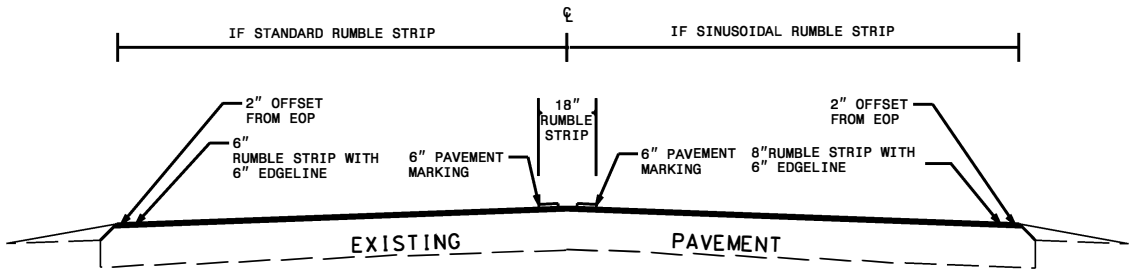


TYPICAL SECTION NO. 2
 $22' \leq \text{PAVEMENT WIDTH} < 23'$
Map 4 SR 1132 Flowes Store Road



TYPICAL SECTION NO. 5
 $\text{PAVEMENT WIDTH} \geq 26'$

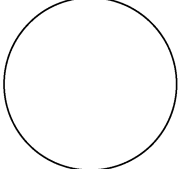

* INCREASE THIS DISTANCE FOR PAVEMENT WIDTHS > 30' BASED ON A LANE WIDTH OF 12'
** WIDTH OF RUMBLE STRIP IS BASED ON A LANE WIDTH OF 10'-12'



TYPICAL SECTION NO. 3
 $23' \leq \text{PAVEMENT WIDTH} < 24'$

** Maps 6 and 7 have typicals that are unique for Rumble Strips. Please use Typ. 5 but the center size of Rumble Strip will be 12" in lieu of 18"*

15-NOV-2023 11:22
S:\GIS\Projects\2023\11-22-2023\SURNAME.dgn
S:\GIS\Projects\2023\11-22-2023\SURNAME.dgn

APPROVED: _____	DATE: _____	MILLED/SINUSOIDAL RUMBLE STRIP DETAIL	
<div>SEAL</div> 	SCALE: NONE		REVISIONS
	DATE: OCT 2023		
	DWG. BY: JCB		
	DESIGN BY: WAT		
	REVIEWED BY: _____		CADD FILE

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.21.20131		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	0106000000-E	1220000000-E	1245000000-E	1308000000-E	1330000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	1881000000-E			2612000000-E	6071002000-E	6071010000-E	6084000000-E	7444000000-E
								MI	FT			CY	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS	LF	LF	LF	SY	LB	LF	AC	LF
2025CPT.10.21.20131	Cabarrus	1	SR-1132 / MIAMI CHURCH RD 40001132013	FROM SR 1006 MT. PLEASANT ROAD S TO SR 2627 JOE BOST RD	1	2	2WD	1.46	22	0.86	2.32	190	100	2.90		384	2,573	150	180	400				110	0	120	1.8	
TOTAL FOR MAP NO. 1								1.46				190	100	2.90		384	2,573	150	180	400				110	0	120	1.8	
2025CPT.10.21.20131	Cabarrus	2	SR-1132 / MIAMI CHURCH RD 40001132013	FROM SR 2627 JOE BOST ROAD TO SR 2630 COLD SPRINGS ROAD S.	1	2	2WD	1.92	22	2.32	4.24	240	170	3.84		822	3,181	240	231	600				72	0	150	2.3	
TOTAL FOR MAP NO. 2								1.92				240	170	3.84		822	3,181	240	231	600				72	0	150	2.3	
2025CPT.10.21.20131	Cabarrus	3	SR-1132 / MIAMI CHURCH RD 40001132013	FROM SR 2630 COLD SPRINGS RD S.TO NC 601	1	2		1.97	22	4.24	6.21	240	115	3.92		860	3,544	240	252	600				90	0	150	2.4	
TOTAL FOR MAP NO. 3								1.97				240	115	3.92		860	3,544	240	252	600				90	0	150	2.4	
2025CPT.10.21.20131	Cabarrus	4	SR-1132 / FLOWES STORE RD 40001132013	FROM JOINT BEFORE SR 1147 FLOWES STORE ROAD EAST (MP 10.87) TO SR 1135 MORRISON ROAD (MP 14.29)	1	2	2WD	3.42	22	10.87	14.29	440	355	6.84	227	2,264	5,890	500	427	1,050	18,080.00	36,160.00		180	1	513	4.2	
TOTAL FOR MAP NO. 4								3.42				440	355	6.84	227	2,264	5,890	500	427	1,050	18,080.00	36,160.00		180	1	513	4.2	
2025CPT.10.21.20131	Cabarrus	5	SR-1132 / FLOWES STORE RD 40001132013	FROM SR 1135 MORRISON ROAD TO NC 24/27	1	2	2WD	1.01	22	14.29	15.3	135	70	2.10	64	754	1,794	150	129	305				108	0	100	1.0	555
TOTAL FOR MAP NO. 5								1.01				135	70	2.10	64	754	1,794	150	129	305				108	0	100	1.0	555
2025CPT.10.21.20131	Cabarrus	6	SR-1430 / KANNAPOLIS PKWY EB 40001430013	FROM 0.03 FROM NC 3 (MP 0.03) TO PROFESSIONAL PARK DRIVE (MP 0.97)	1,2,3	2	MU	0.94	26	0.03	0.97	110		1.88		289	2,042	125	142	300	5,000.00		5,000.00		0	100	0.7	
TOTAL FOR MAP NO. 6								0.94				110		1.88		289	2,042	125	142	300	5,000.00		5,000.00		0	100	0.7	
2025CPT.10.21.20131	Cabarrus	7	SR-1430 / KANNAPOLIS PKWY WB 40001430013	FROM BEGIN DIVIDED PARKWAY TO SR 1622 TRINITY CHURCH ROAD	1,2,3	2	MU	0.9	26	7.19	8.09	100		1.78	1,037	2,234	2,871	150	194	320	4,730.00		4,730.00		0	80	0.7	1,122
TOTAL FOR MAP NO. 7								0.9				100		1.78	1,037	2,234	2,871	150	194	320	4,730.00		4,730.00		0	80	0.7	1,122
TOTAL FOR PROJ NO. 2025CPT.10.21.20131								11.62				1,455	810	23.26	1,328	7,607	21,895	1,555	1,555	3,575	27,810.00	36,160.00	9,730.00	560	2	1,213	13.1	1,677
GRAND TOTAL								11.62				1,455	810	23.26	1,328	7,607	21,895	1,555	1,555	3,575	27,810.00	36,160.00	9,730.00	560	2	1,213	13.1	1,677

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.21.20131		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4400000000-E	44570000000-N	45100000000-N	4685000000-E		4688000000-E		4695000000-E		47090000000-E	4720000000-E		THERMO MSG	THERMO LT	4725000000-E		THERMO STR	4810000000-E		4820000000-E	4835000000-E	4900000000-N					
								MI	FT			SF	LS	HR	LF	LF	LF	LF	LF	24" X 90 M WHITE THERMO	4" X 90 M WHITE THERMO	6" X 90 M WHITE THERMO	6" X 90 M WHITE THERMO	8" X 90 M WHITE THERMO	8" X 90 M WHITE THERMO	24" X 90 M WHITE THERMO	THERMO MSG STOP 90 M	THERMO MSG AHEAD 90 M	THERMO MSG SCHOOL 90 M	ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & LT ARROW 90 M	4" YELLOW PAINT	4" WHITE PAINT	8" WHITE PAINT	24" WHITE PAINT	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS
2025CPT.10.21.20131	Cabarrus	1	SR-1132 / MIAMI CHURCH RD 40001132013	FROM SR 1006 MT. PLEASANT ROAD S TO SR 2627 JOE BOST RD	1	2	2WD	1.46	22	0.86	2.32	164	0.13		49,116	26,426		LF		LF		EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA				
TOTAL FOR MAP NO. 1							1.46					164	0.13		49,116	26,426					20	8	5				26,126	49,116		20								
2025CPT.10.21.20131	Cabarrus	2	SR-1132 / MIAMI CHURCH RD 40001132013	FROM SR 2627 JOE BOST ROAD TO SR 2630 COLD SPRINGS ROAD S.	1	2	2WD	1.92	22	2.32	4.24	215	0.17		20,310	20,310											20,310	20,310			127							
TOTAL FOR MAP NO. 2							1.92					215	0.17		20,310	20,310											20,310	20,310			127							
2025CPT.10.21.20131	Cabarrus	3	SR-1132 / MIAMI CHURCH RD 40001132013	FROM SR 2630 COLD SPRINGS RD S.TO NC 601	1	2		1.97	22	4.24	6.21	215	0.17		21,197	21,292			120		176	8		12	4			21,292	21,197		76	130	21					
TOTAL FOR MAP NO. 3							1.97					215	0.17		21,197	21,292			120		176	8		12	4			21,292	21,197		76	130	21					
2025CPT.10.21.20131	Cabarrus	4	SR-1132 / FLOWES STORE RD 40001132013	FROM JOINT BEFORE SR 1147 FLOWES STORE ROAD EAST (MP 10.87) TO SR 1135 MORRISON ROAD (MP 14.29)	1	2	2WD	3.42	22	10.87	14.29	384	0.29		7,651	6,104	27,536				29,780	15	4				33,640	37,431		15	349							
TOTAL FOR MAP NO. 4							3.42					384	0.29		7,651	6,104	27,536				29,780	15	4				33,640	37,431		15	349							
2025CPT.10.21.20131	Cabarrus	5	SR-1132 / FLOWES STORE RD 40001132013	FROM SR 1135 MORRISON ROAD TO NC 24/27	1	2	2WD	1.01	22	14.29	15.3		0.09	40	11,212	9,055					46	4			1	1		9,055	11,212		46	70	8					
TOTAL FOR MAP NO. 5							1.01						0.09	40	11,212	9,055					46	4			1	1		9,055	11,212		46	70	8					
2025CPT.10.21.20131	Cabarrus	6	SR-1430 / KANNAPOLIS PKWY EB 40001430013	FROM 0.03 FROM NC 3 (MP 0.03) TO PROFESSIONAL PARK DRIVE (MP 0.97)	1,2,3	2	MU	0.94	26	0.03	0.97	126	0.08		1,763		5,000	5,000						3	2		5,000	6,763										
TOTAL FOR MAP NO. 6							0.94					126	0.08		1,763		5,000	5,000						3	2		5,000	6,763										
2025CPT.10.21.20131	Cabarrus	7	SR-1430 / KANNAPOLIS PKWY WB 40001430013	FROM BEGIN DIVIDED PARKWAY TO SR 1622 TRINITY CHURCH ROAD	1,2,3	2	MU	0.9	26	7.19	8.09	316	0.07	40	2,789	1,100	4,730	4,730			100	135		9	5		5,830	7,519	100	135	60	106						
TOTAL FOR MAP NO. 7							0.9					316	0.070	40	2,789	1,100	4,730	4,730			100	135		9	5		5,830	7,519	100	135	60	106						
TOTAL FOR PROJ NO. 2025CPT.10.21.20131							11.62					1,420	1.000	80	114,038	84,287	37,266	9,730	120	29,880	392	24	5	12	16	8	1	121,253	153,548	100	292	736	135					
														198,325		46,996		30,000				41		25		274,801				871								
GRAND TOTAL							11.62					1,420	1.000	80	114,038	84,287	37,266	9,730	120	29,880	392	24	5	12	16	8	1	121,253	153,548	100	292	736	135					
														198,325		46,996		30,000				41		25		274,801				871								