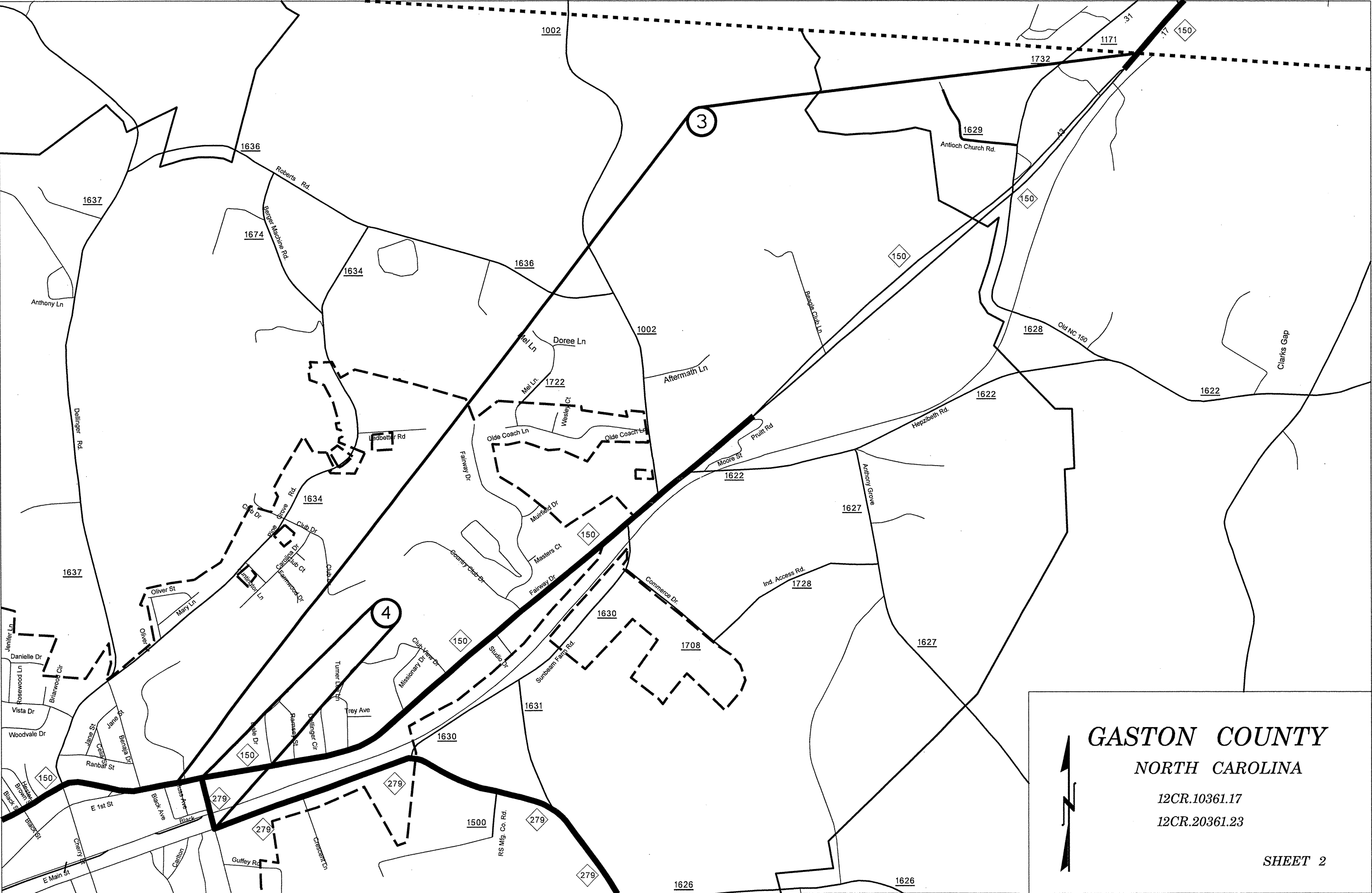




GASTON COUNTY
NORTH CAROLINA

12CR.10361.17
12CR.20361.23



GASTON COUNTY
NORTH CAROLINA

12CR.10361.17
12CR.20361.23

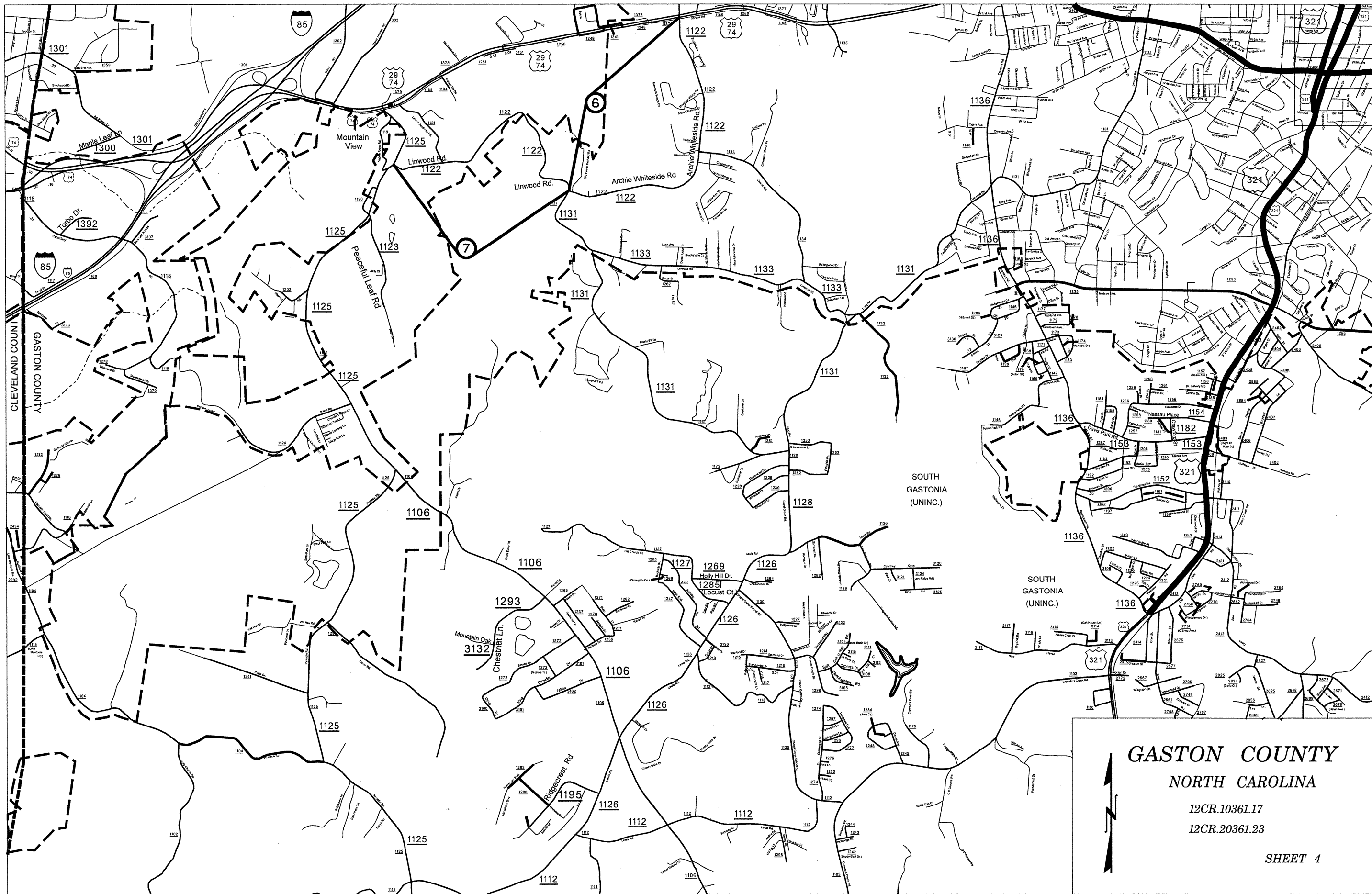


GASTON COUNTY
NORTH CAROLINA

12CR.10361.17
 12CR.20361.23



SHEET 3



CLEVELAND COUNTY
GASTON COUNTY

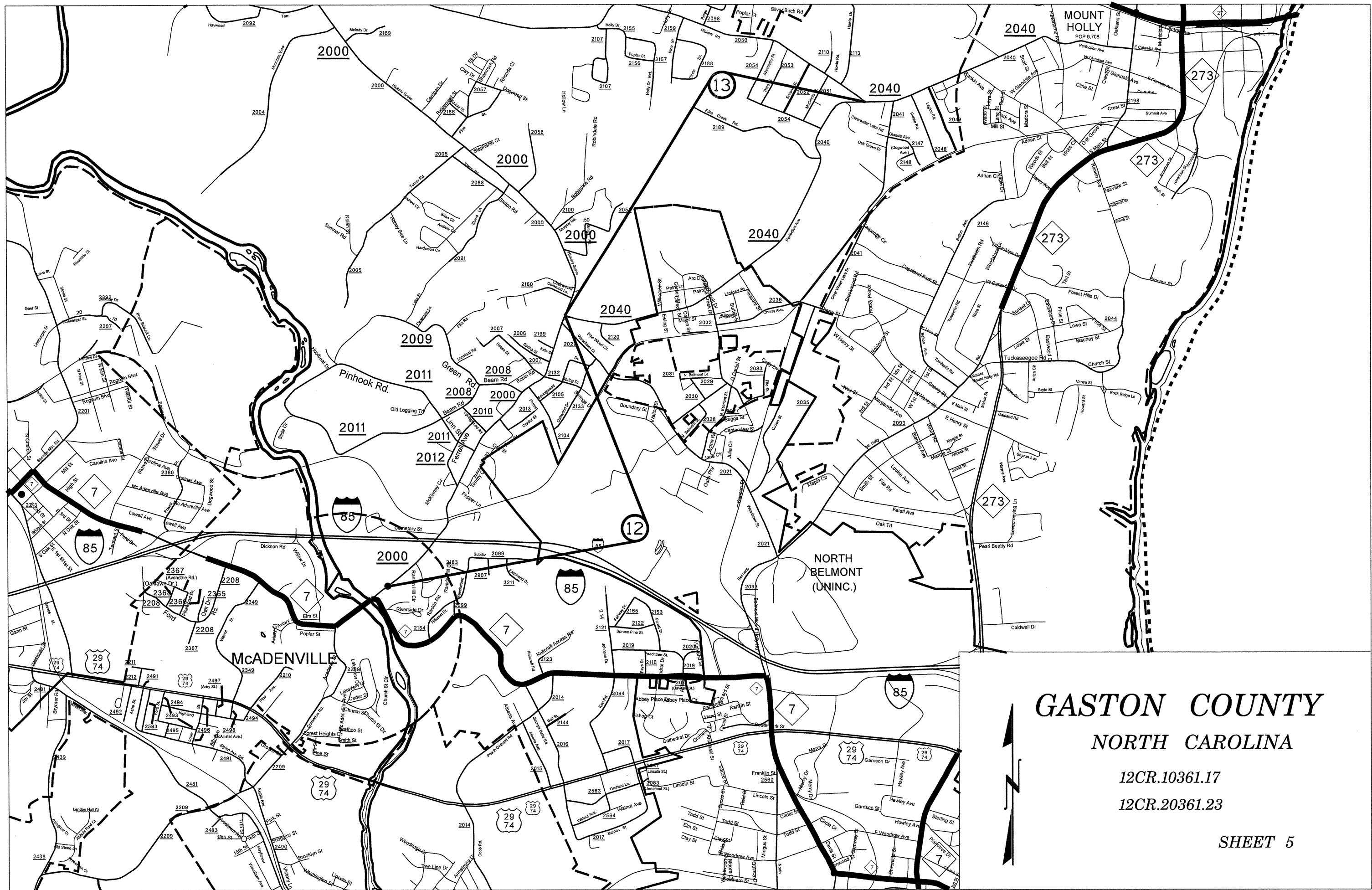
SOUTH
GASTONIA
(UNINC.)

SOUTH
GASTONIA
(UNINC.)

GASTON COUNTY NORTH CAROLINA

12CR.10361.17
12CR.20361.23

SHEET 4



GASTON COUNTY
NORTH CAROLINA

12CR.10361.17
12CR.20361.23

GASTON COUNTY
NORTH CAROLINA

12CR.10361.17
12CR.20361.23

SHEET 6

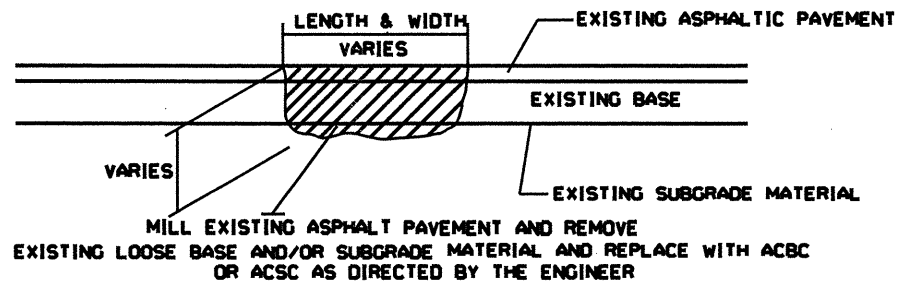


SOUTH CAROLINA

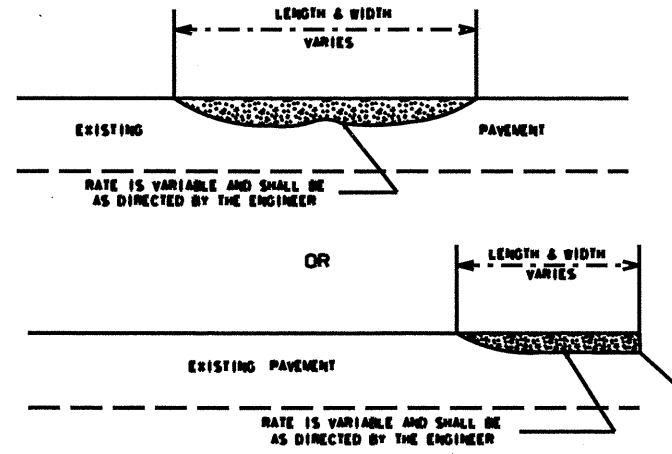
SOUTH
BELMONT
(UNINC.)

PAVEMENT SCHEDULE	
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
Y	SHOULDER RECONSTRUCTION
V1	MILL ASPHALT PAVEMENT APPROX. 1-3/4" AS DIRECTED BY ENGINEER
V2	MILL ASPHALT PAVEMENT APPROX. 3-1/4" AS DIRECTED BY ENGINEER

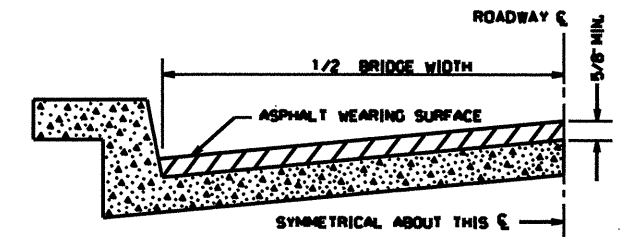
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
GASTON COUNTY 2013-2014	7	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
12CR.10361.17		
12CR.20361.23		



PATCHING EXISTING PAVEMENT



ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B & C (LEVELING COURSE)



BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES

ALL UNPAVED S.R. ROADS TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.

ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE ROAD, OR AS DIRECTED BY THE ENGINEER.

EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.

SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE NOTED.

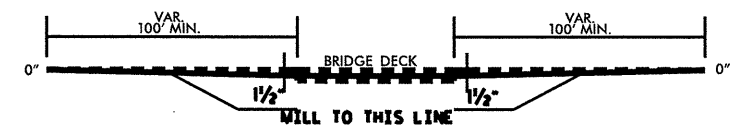
BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

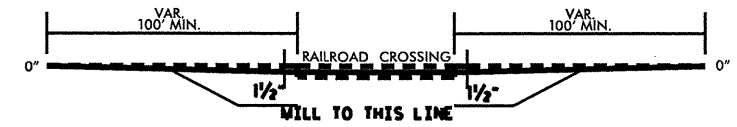
MILL BRIDGE APPROACHES & RXR APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.

MILL INTO GUTTER LINE WHERE SHOWN AND AS DIRECTED.

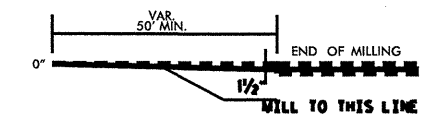
MAINTAIN PROPER CROWN FOR DRAINAGE OF THE ROAD SURFACE.



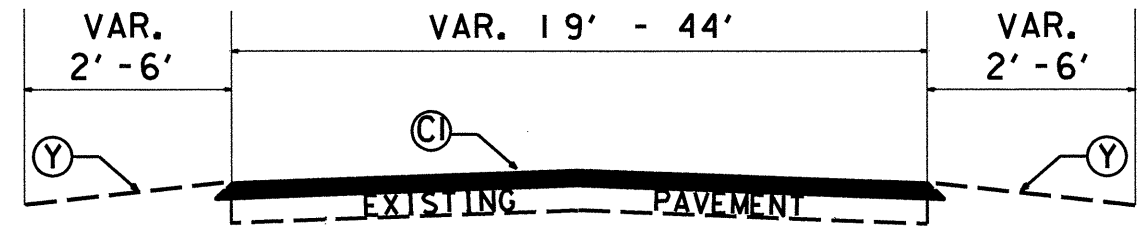
BRIDGE PROFILE



RAILROAD PROFILE

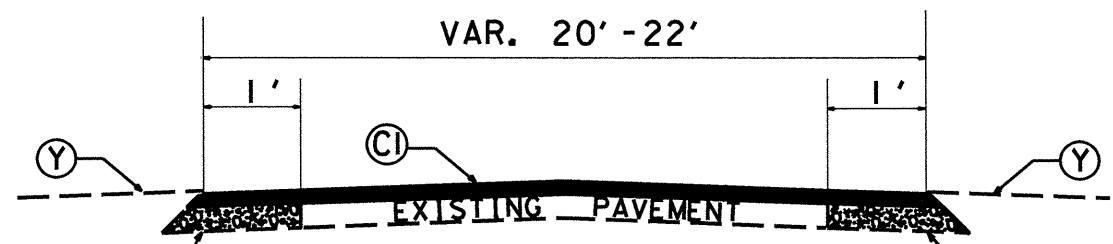


END OF MILLING PROFILE



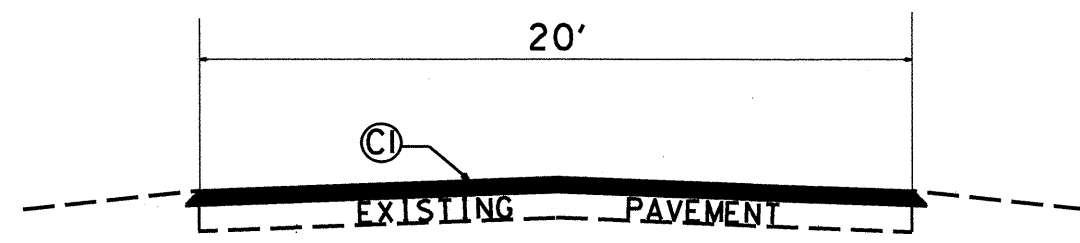
TYPICAL SECTION NO. 1

(MAPs 6-10, 12-13, 15)



TYPICAL SECTION NO. 2

(MAPs 9, 14, 16)



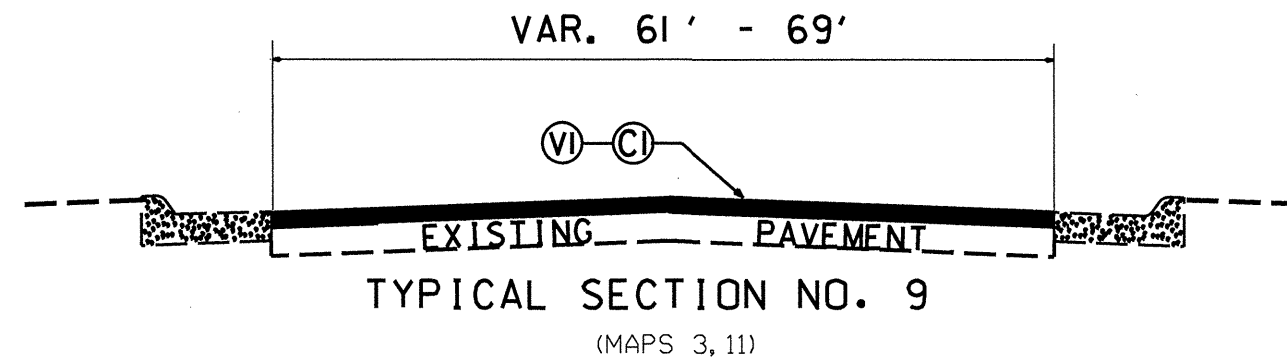
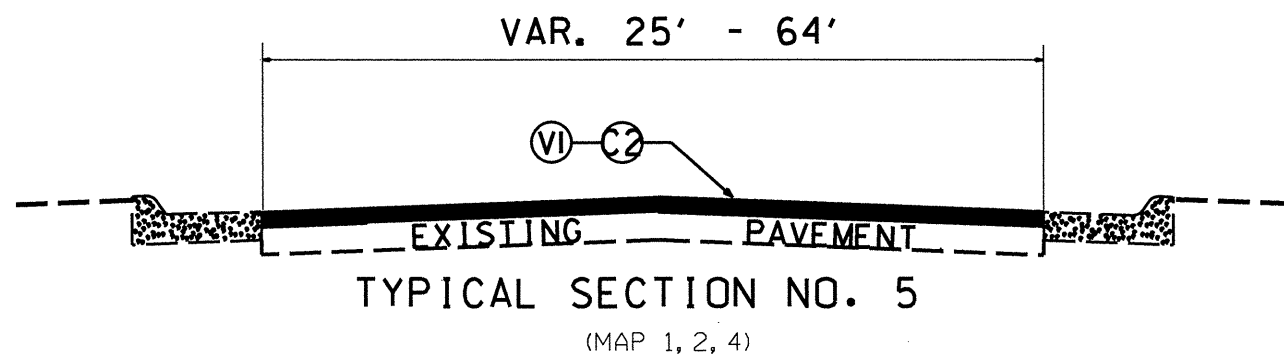
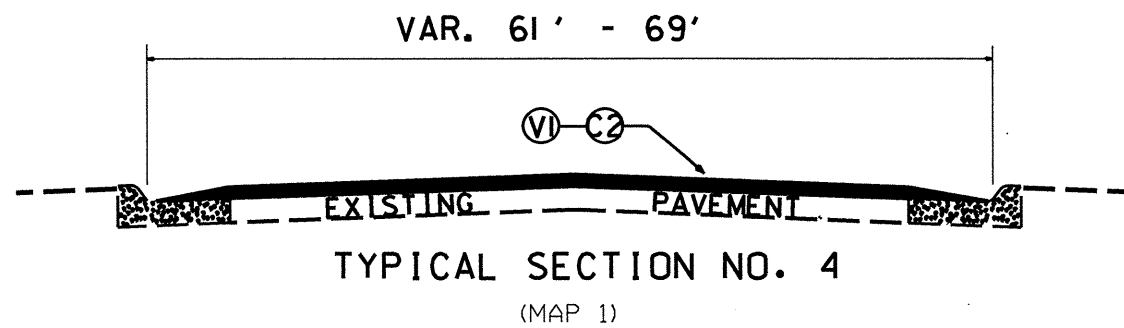
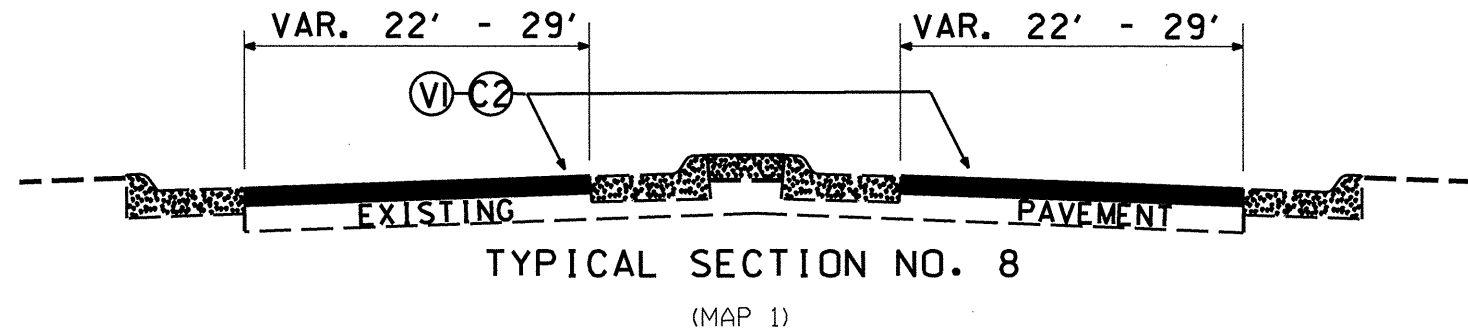
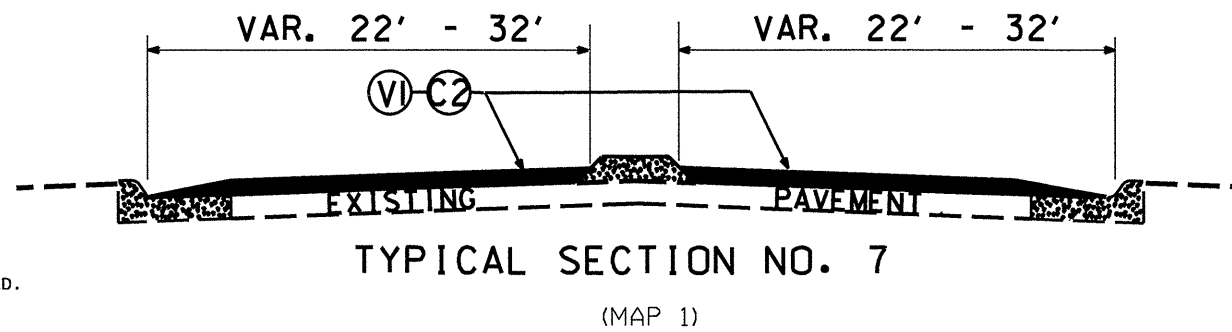
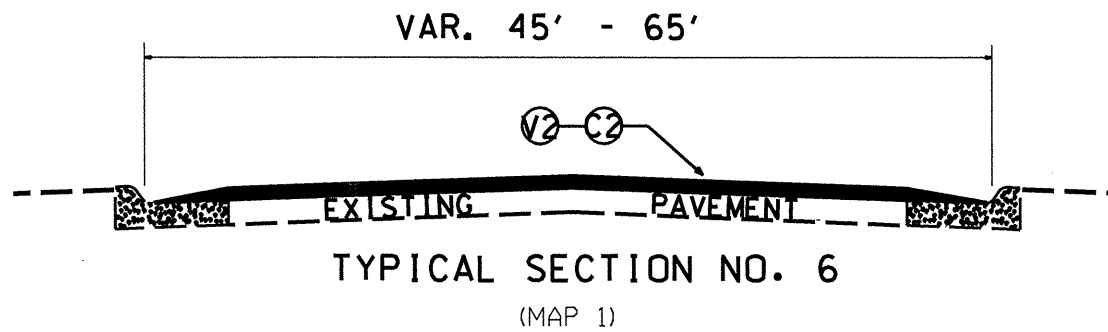
TYPICAL SECTION NO. 3

(MAP 5)

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
GASTON COUNTY 2013-2014	8	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
12CR.10361.17		
12CR.20361.23		

PAVEMENT SCHEDULE	
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
Y	SHOULDER RECONSTRUCTION
V1	MILL ASPHALT PAVEMENT APPROX. 1-3/4" AS DIRECTED BY ENGINEER
V2	MILL ASPHALT PAVEMENT APPROX. 3-1/4" AS DIRECTED BY ENGINEER

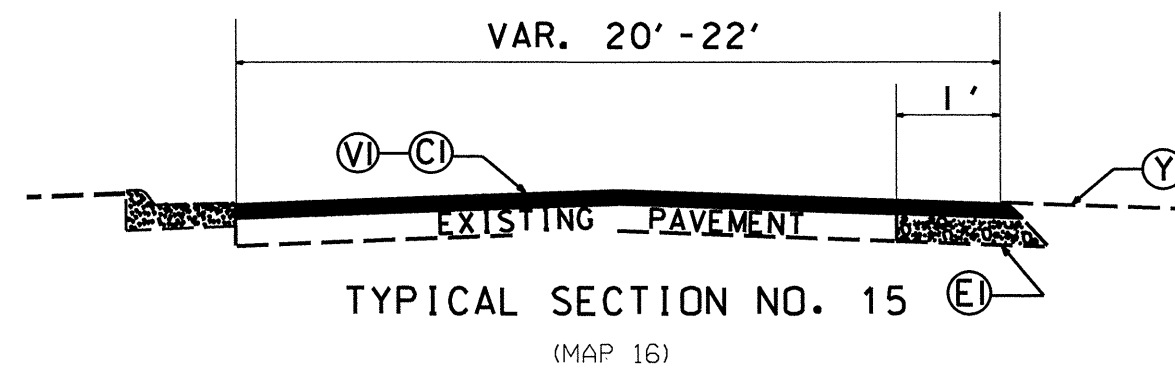
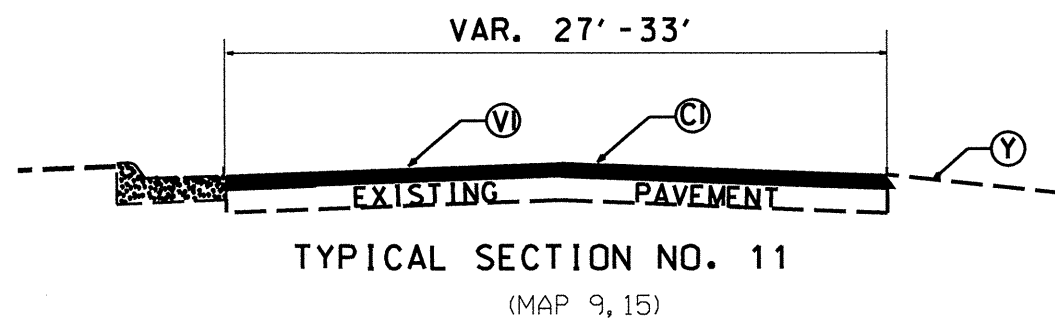
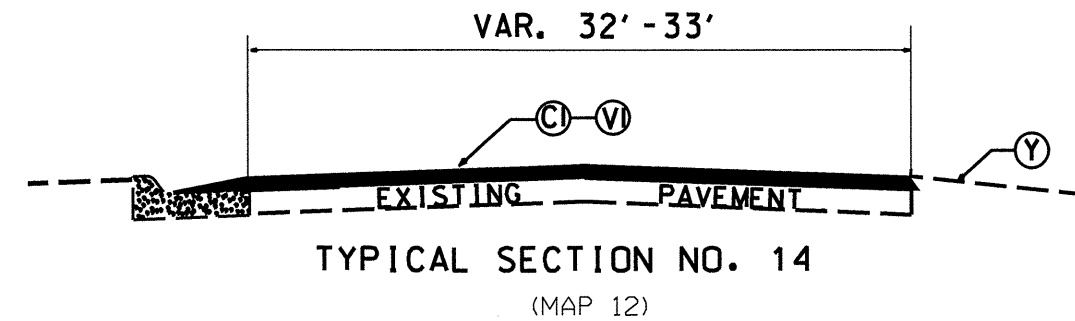
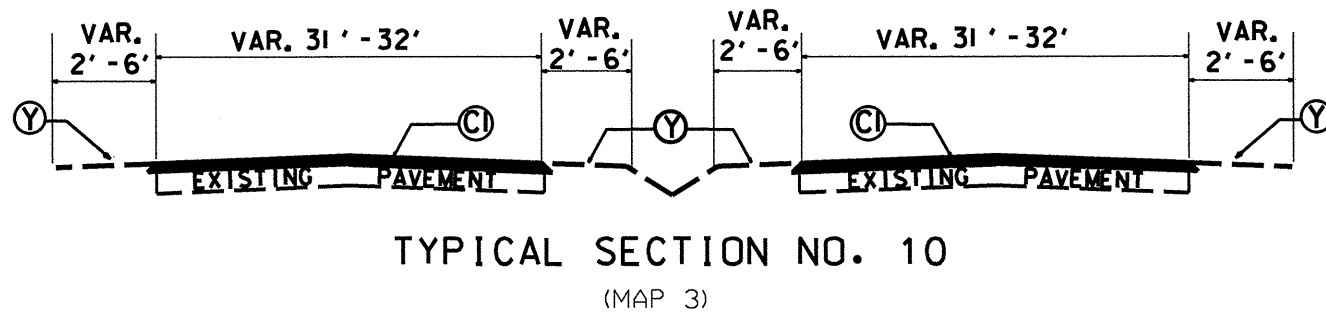
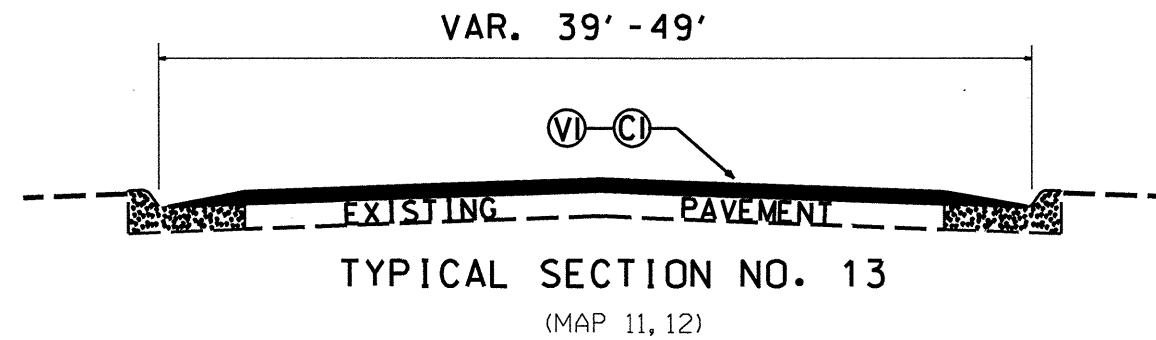
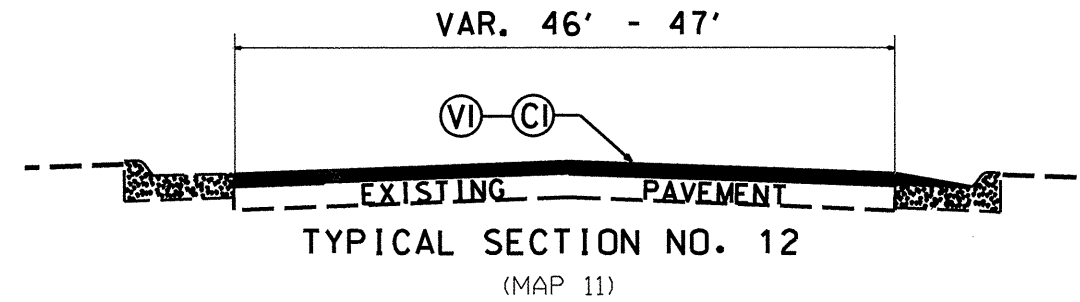
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
MILL BRIDGE APPROACHES & RXR APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.
MILL INTO GUTTER LINE WHERE SHOWN AND AS DIRECTED.
MAINTAIN PROPER CROWN FOR DRAINAGE OF THE ROAD SURFACE.



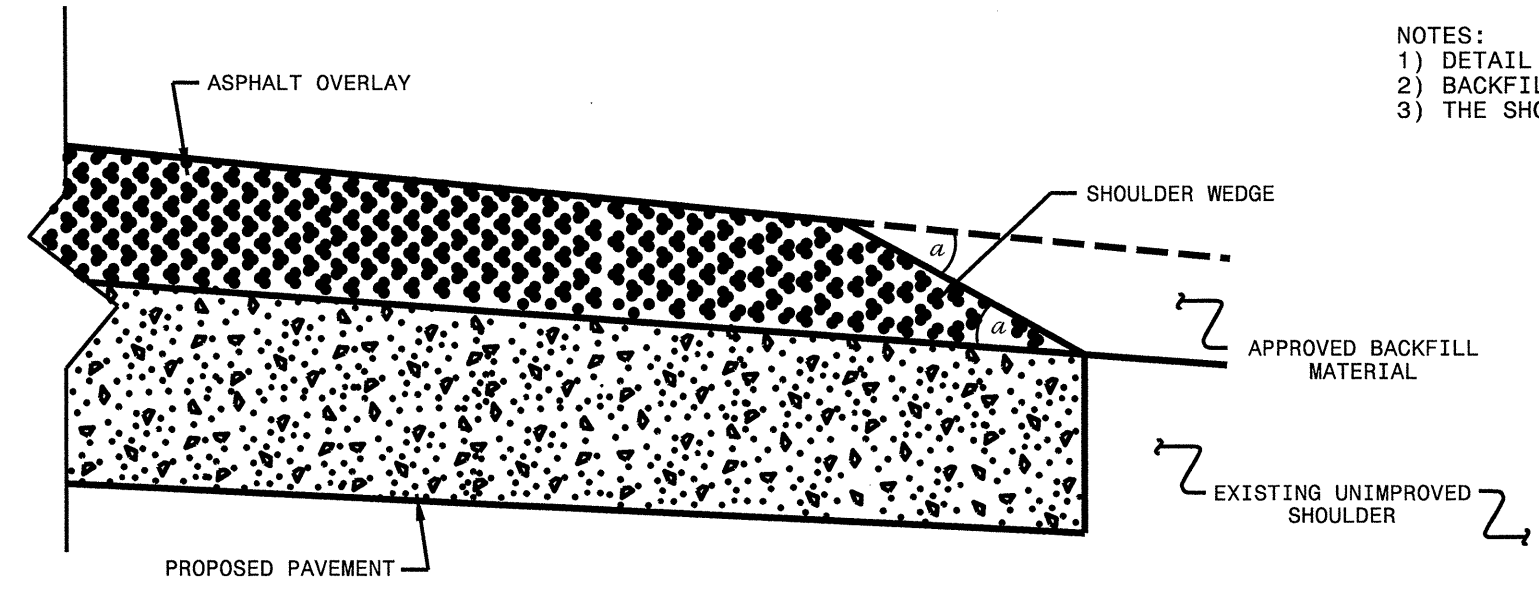
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
GASTON COUNTY 2013-2014	9	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
12CR.10361.17		
12CR.20361.23		

PAVEMENT SCHEDULE	
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
Y	SHOULDER RECONSTRUCTION
V1	MILL ASPHALT PAVEMENT APPROX. 1-3/4" AS DIRECTED BY ENGINEER
V2	MILL ASPHALT PAVEMENT APPROX. 3-1/4" AS DIRECTED BY ENGINEER

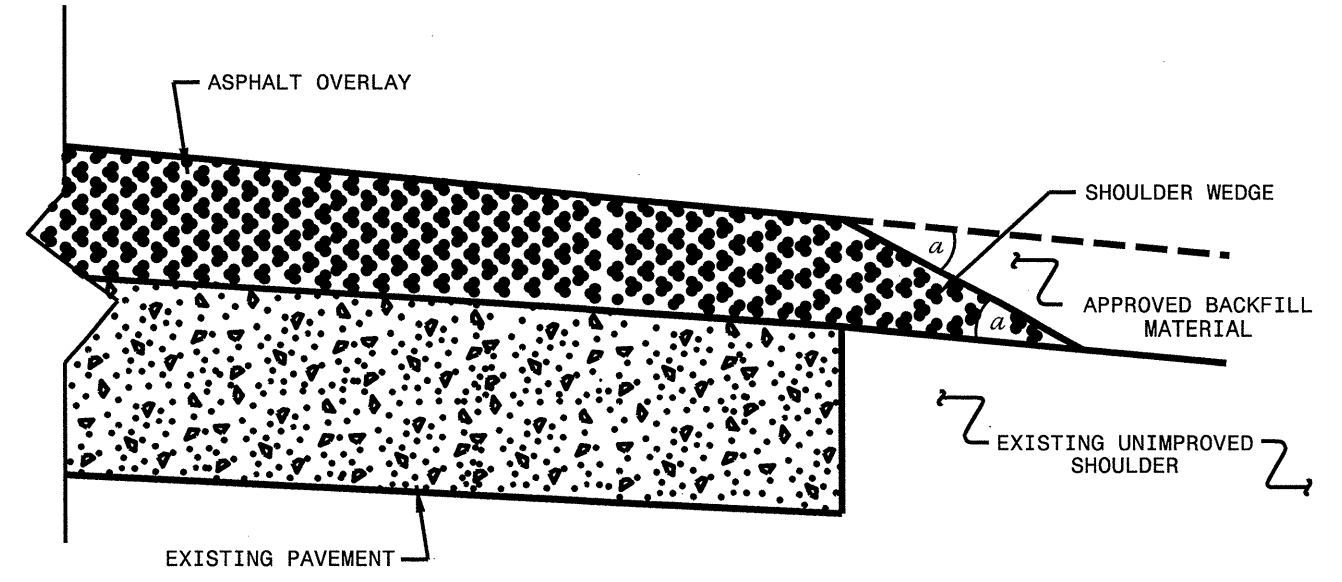
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
MILL BRIDGE APPROACHES & RXR APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.
MILL INTO GUTTER LINE WHERE SHOWN AND AS DIRECTED.
MAINTAIN PROPER CROWN FOR DRAINAGE OF THE ROAD SURFACE.



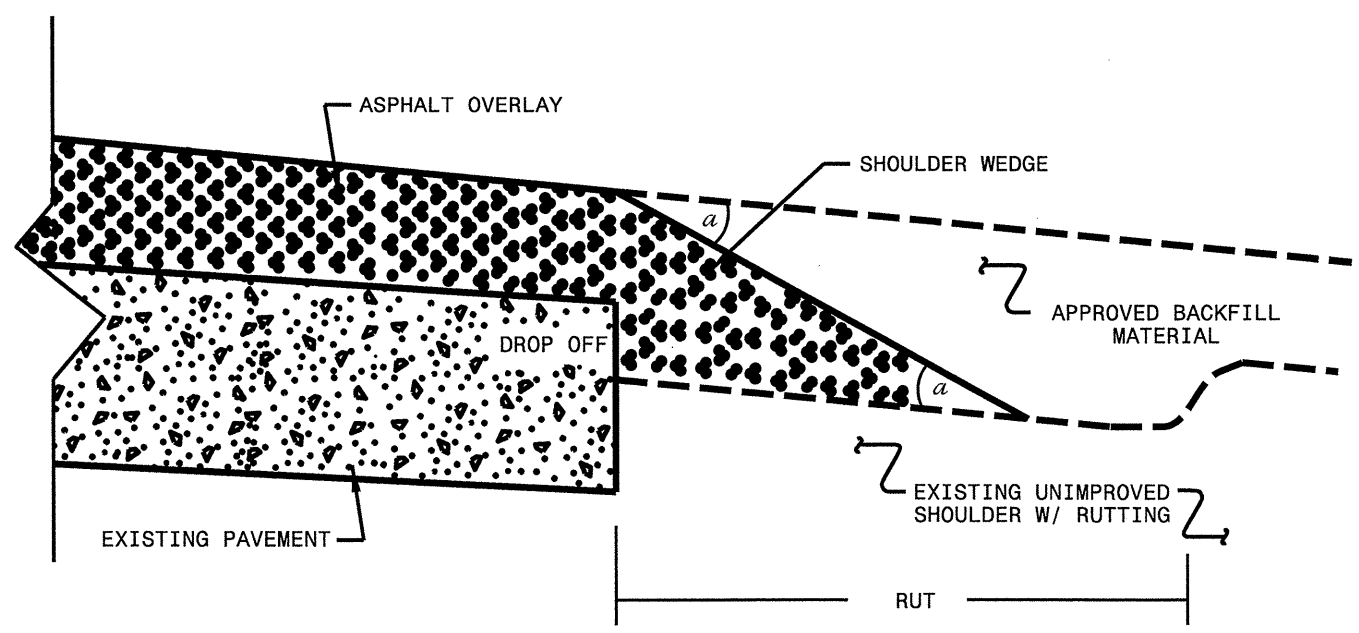
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ Widening or
 with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)

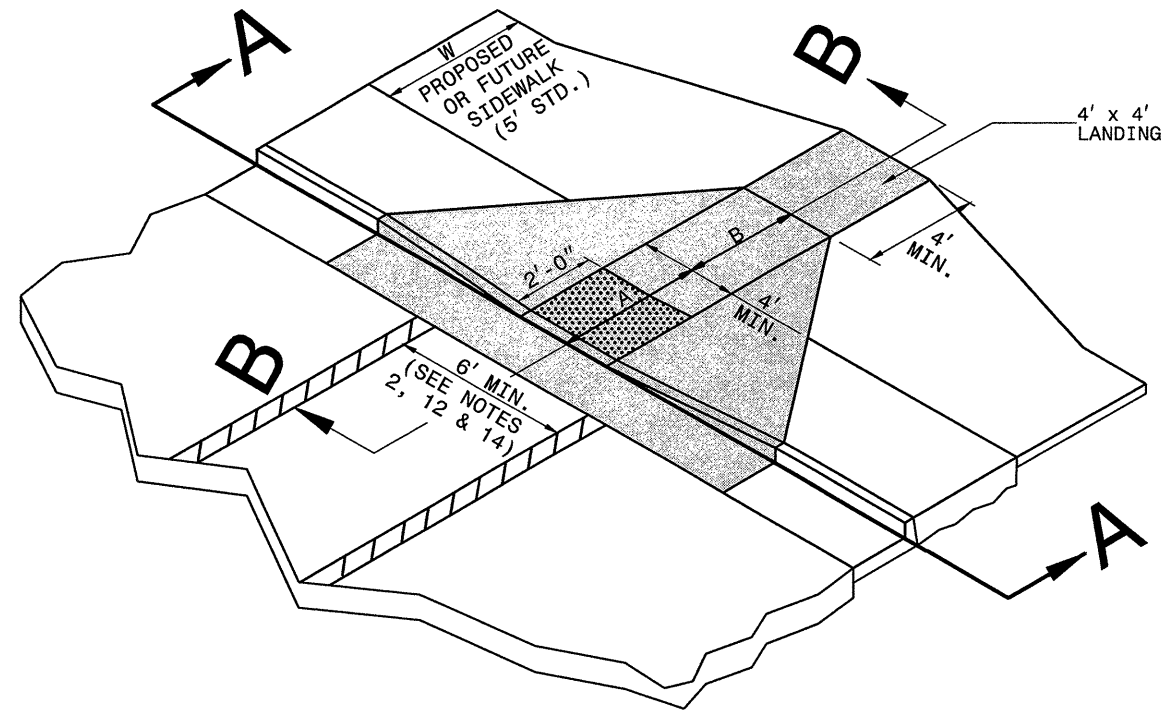


SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T. SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC:	s:\usr\details\stand\shoulderwedgedetail.dgn		

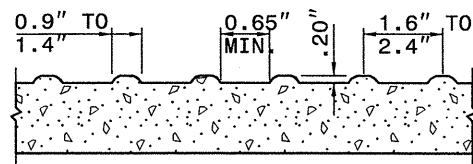
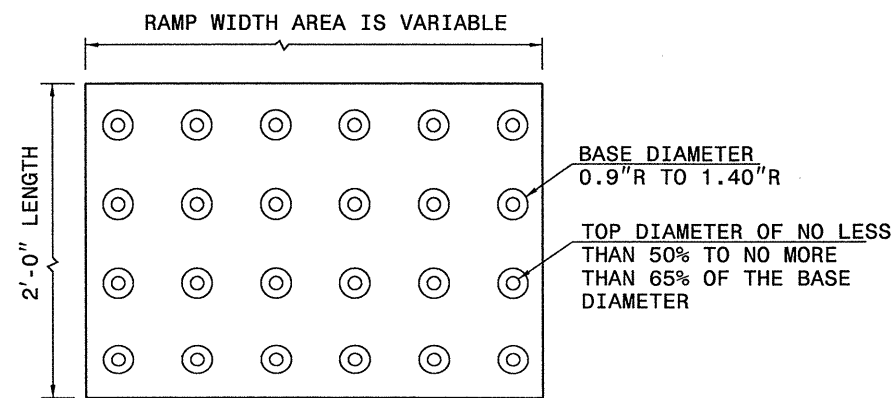
 SYSTEMS
 DEVELOPMENT



ISOMETRIC VIEW

PAY LIMITS FOR CURB RAMP

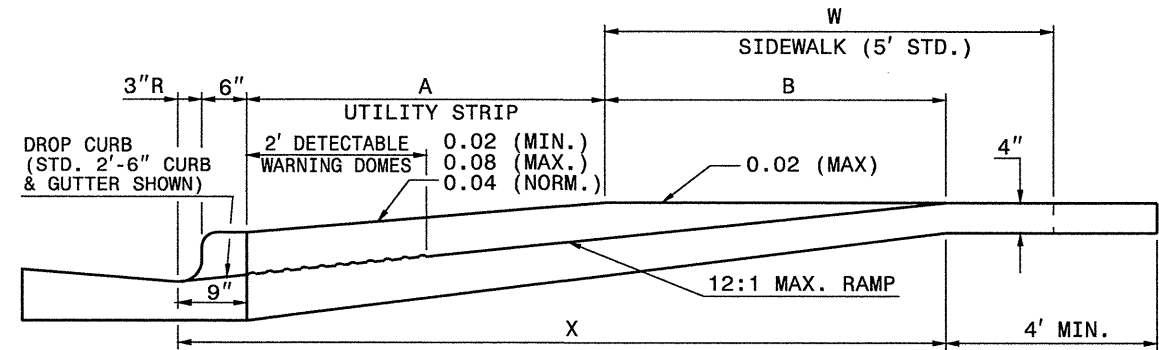
- NOTES:
1. DETECTABLE WARNING DOMES WILL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 2. DETECTABLE WARNING DOMES WILL CONTRAST VISIBILITY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



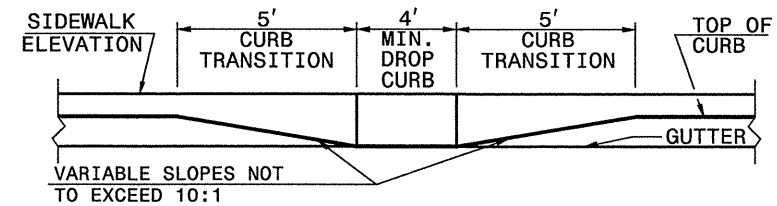
DETECTABLE WARNING DOMES

W	A	W+A+9"	X	B
5'	0.0'	5.8'	5.8'	5.0'*
6'	0.0'	6.8'	6.8'	6.0'**
7'	0.0'	7.8'	7.3'	6.5'**
8'	0.0'	8.8'	7.3'	6.5'**
5'	2.0'	7.8'	7.8'	5.0'
5'	2.5'	8.3'	8.1'	4.8'
5'	3.0'	8.8'	8.3'	4.4'
5'	3.5'	9.3'	8.4'	4.1'
5'	4.0'	9.8'	8.6'	3.8'
5'	4.5'	10.3'	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'

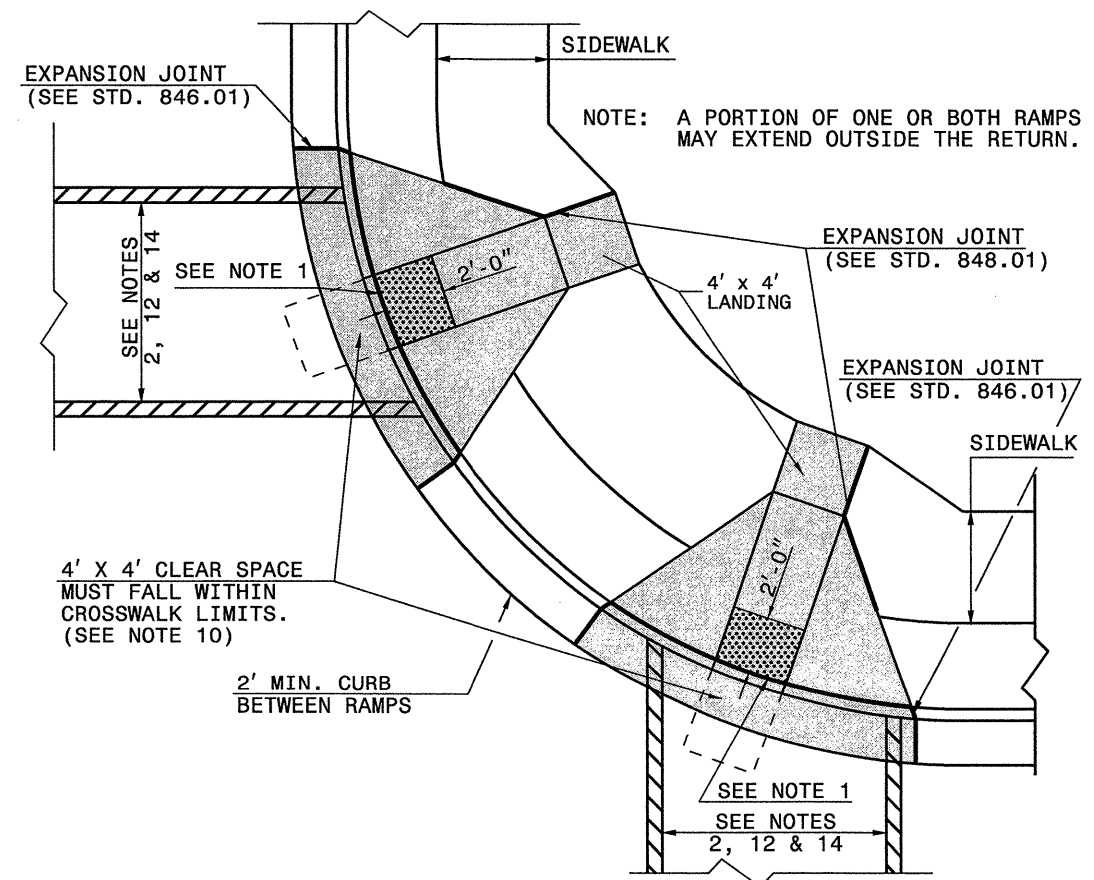
$B = X - (A + 9")$
 B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.
 * BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
 ** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.



SECTION B-B



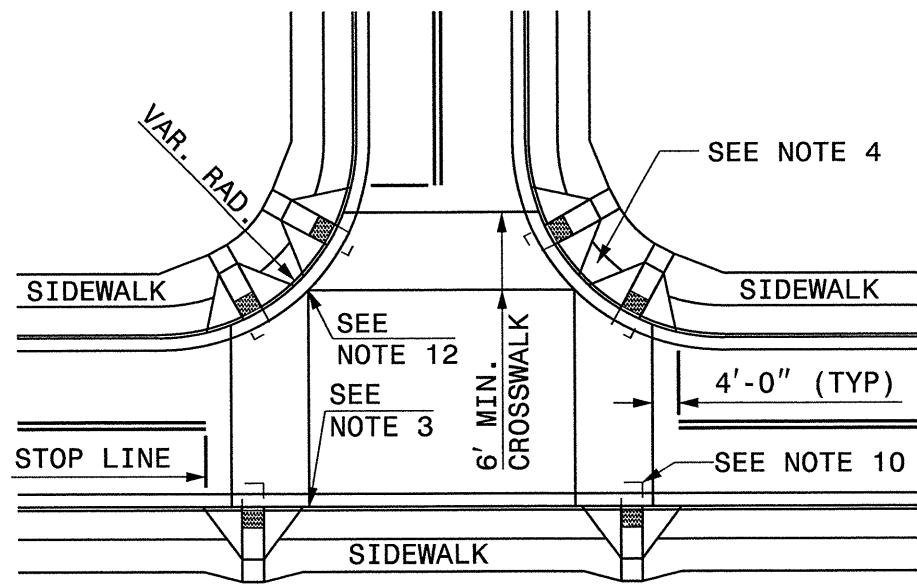
SECTION A-A



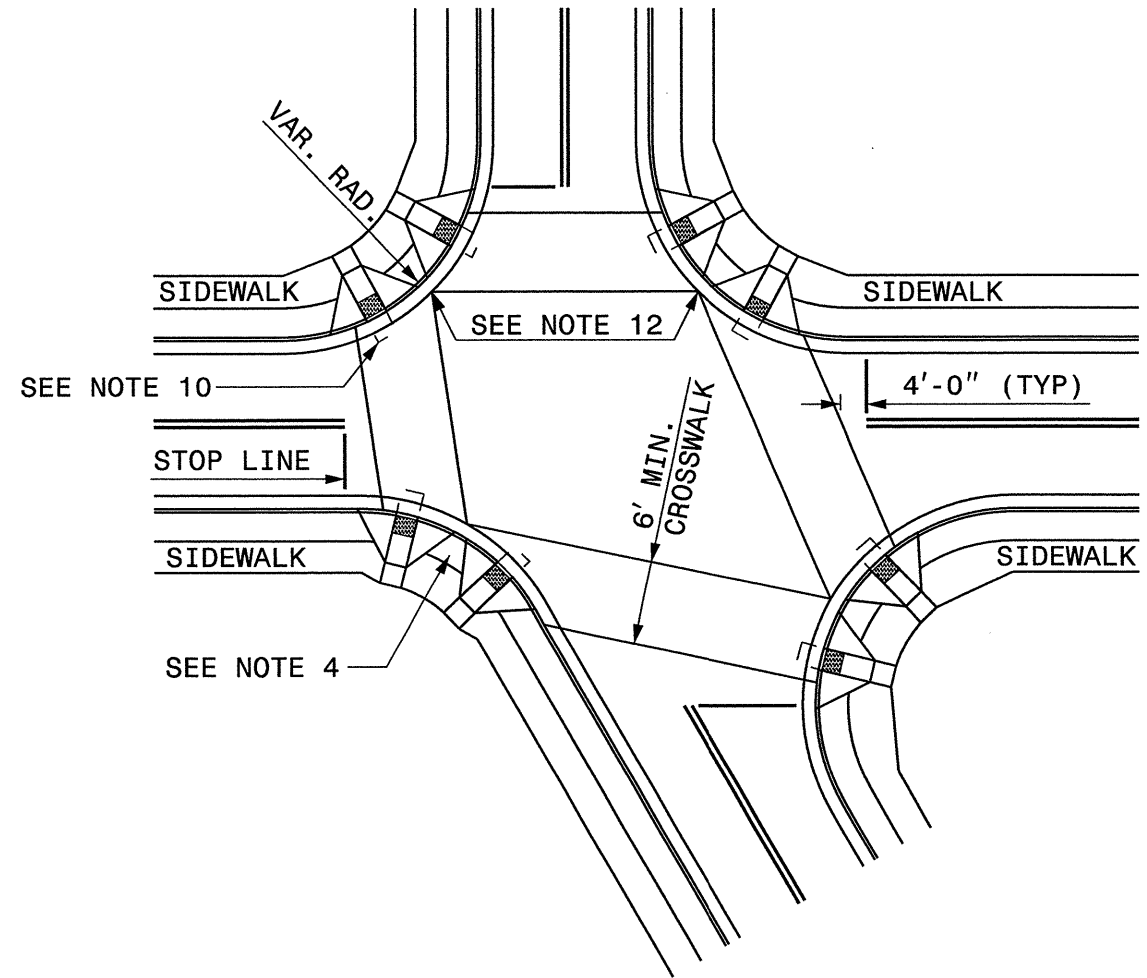
PLAN VIEW

DUAL RAMPS
ANY RADIUS
(4' MIN. FLOOR WIDTH)

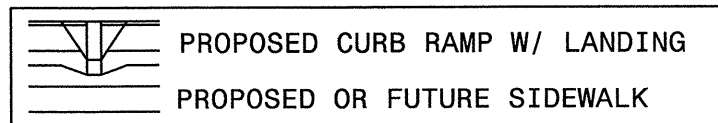
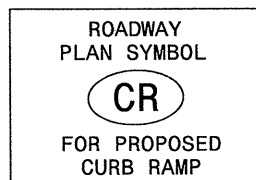
Sht. 11
12CR.10361.17
12CR.20361.23



DETAIL SHOWING TYPICAL LOCATION OF CURB RAMPS,
PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS



DETAIL SHOWING TYPICAL LOCATION OF CURB
RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES



ALLOWABLE LOCATIONS

DUAL RAMP RADII.....ANY

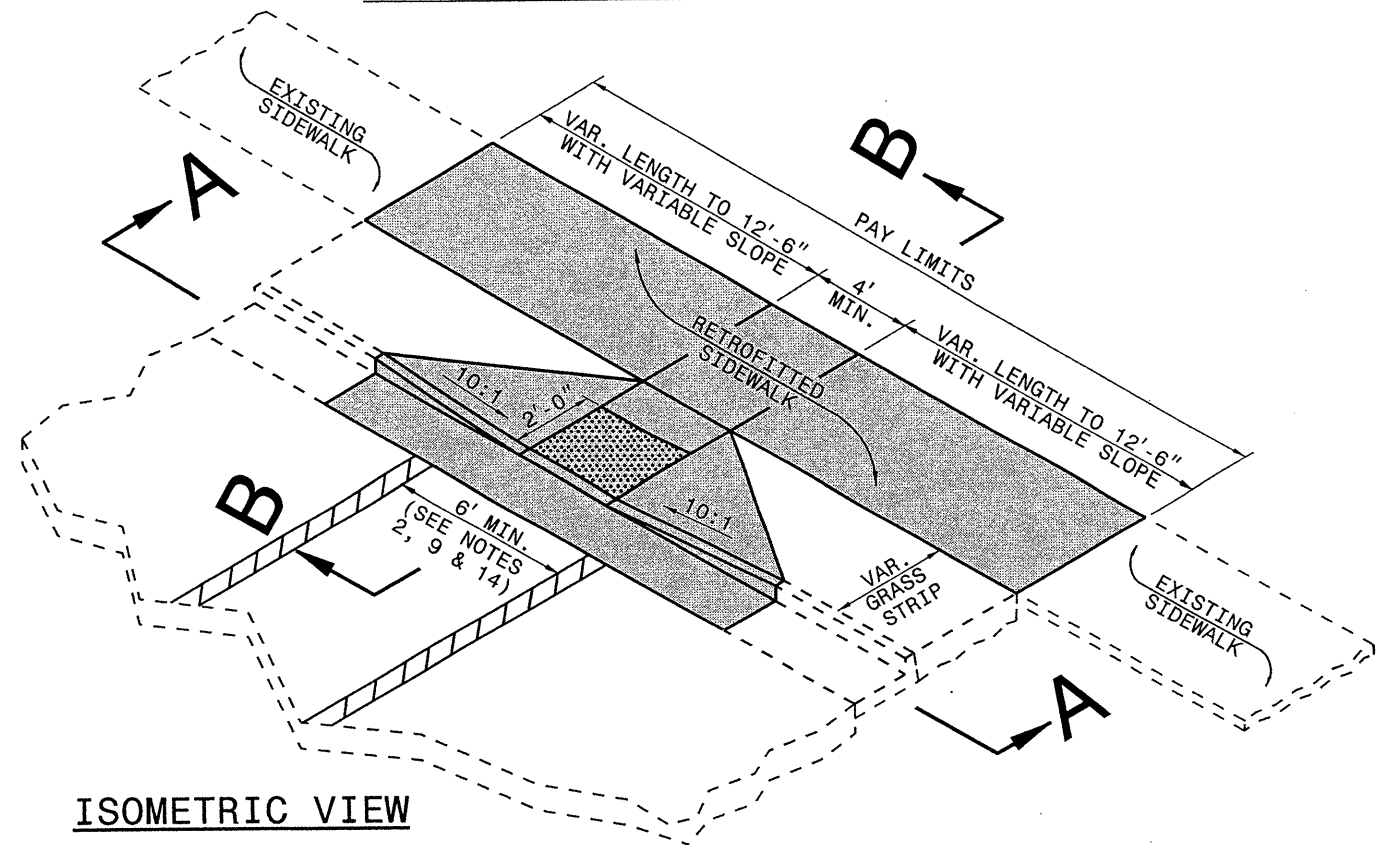
Sht. 12
12CR.10361.17
12CR.20361.23

NOTES:

1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
6. TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
11. CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
14. SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'x5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
16. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

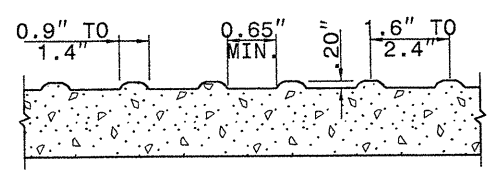
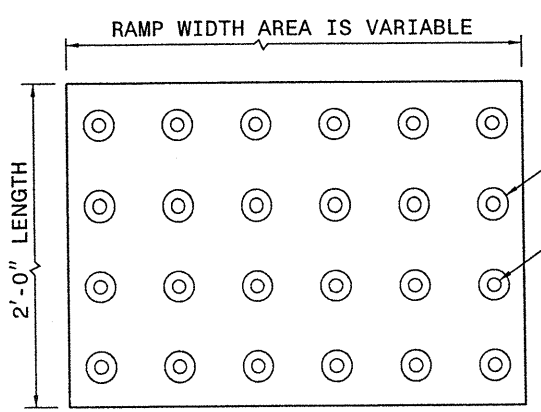
Sht. 13
1202.1036.17
1202.2036.23

CURB RAMP AND EXISTING SIDEWALK WITH GRASS STRIP



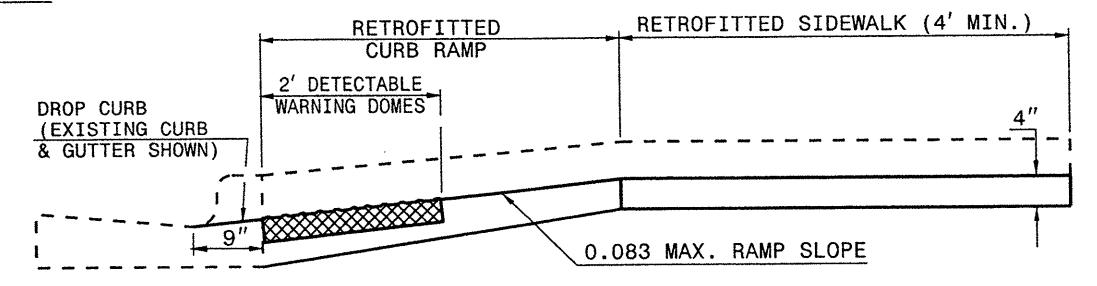
ISOMETRIC VIEW

PAY LIMITS OF RETROFIT CURB RAMP

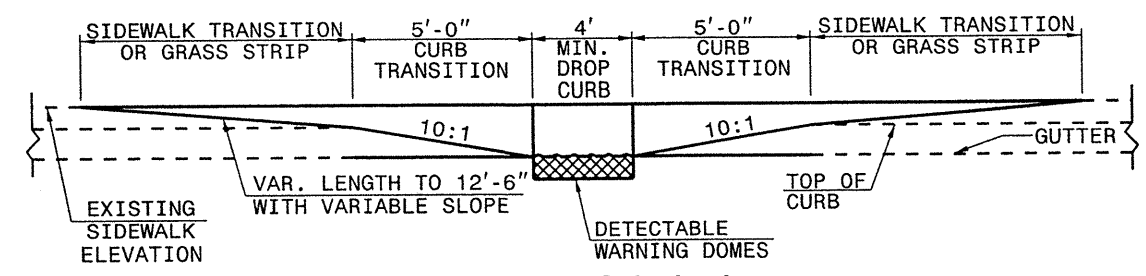


DETECTABLE WARNING DOMES

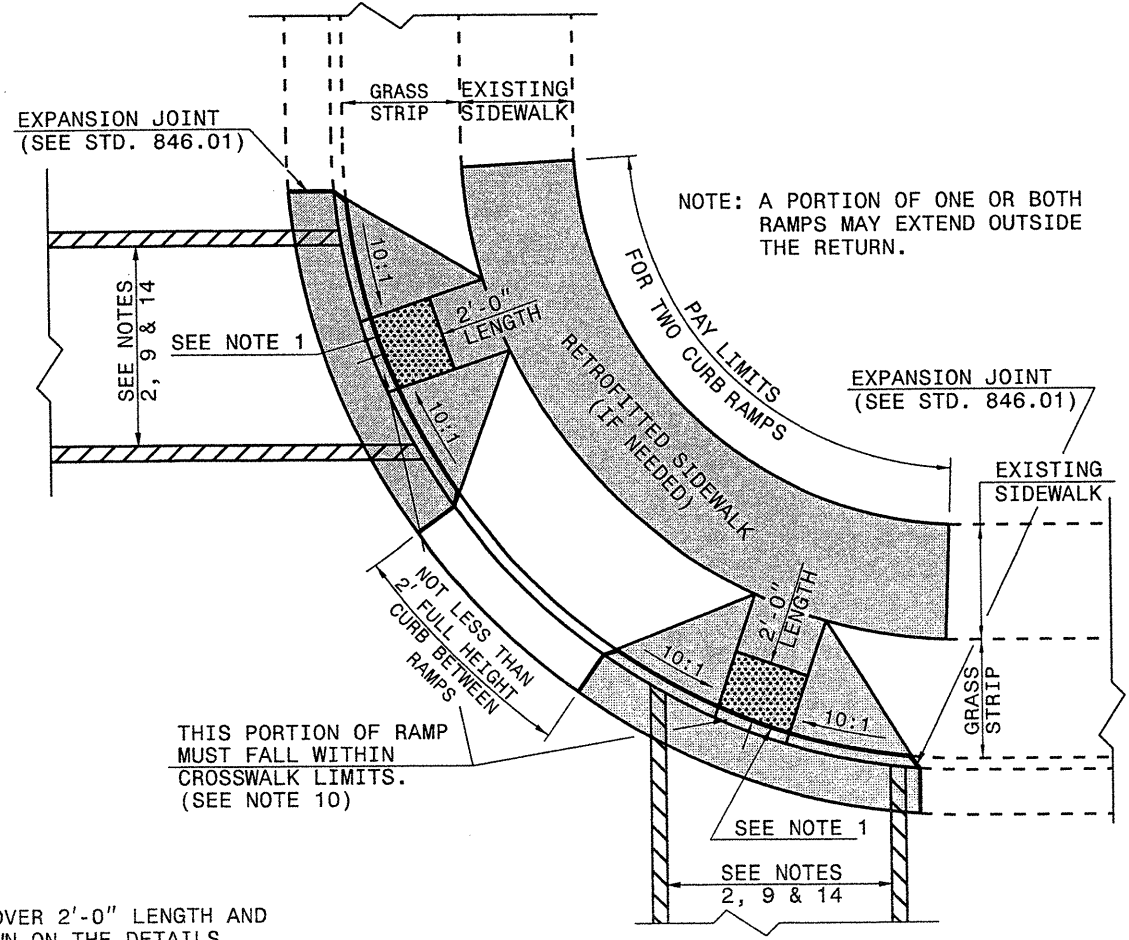
- NOTES:
1. PLACE DETECTABLE WARNING DOMES TO COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 2. OBTAIN VISIBLE CONTRAST WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



SECTION B-B



SECTION A-A

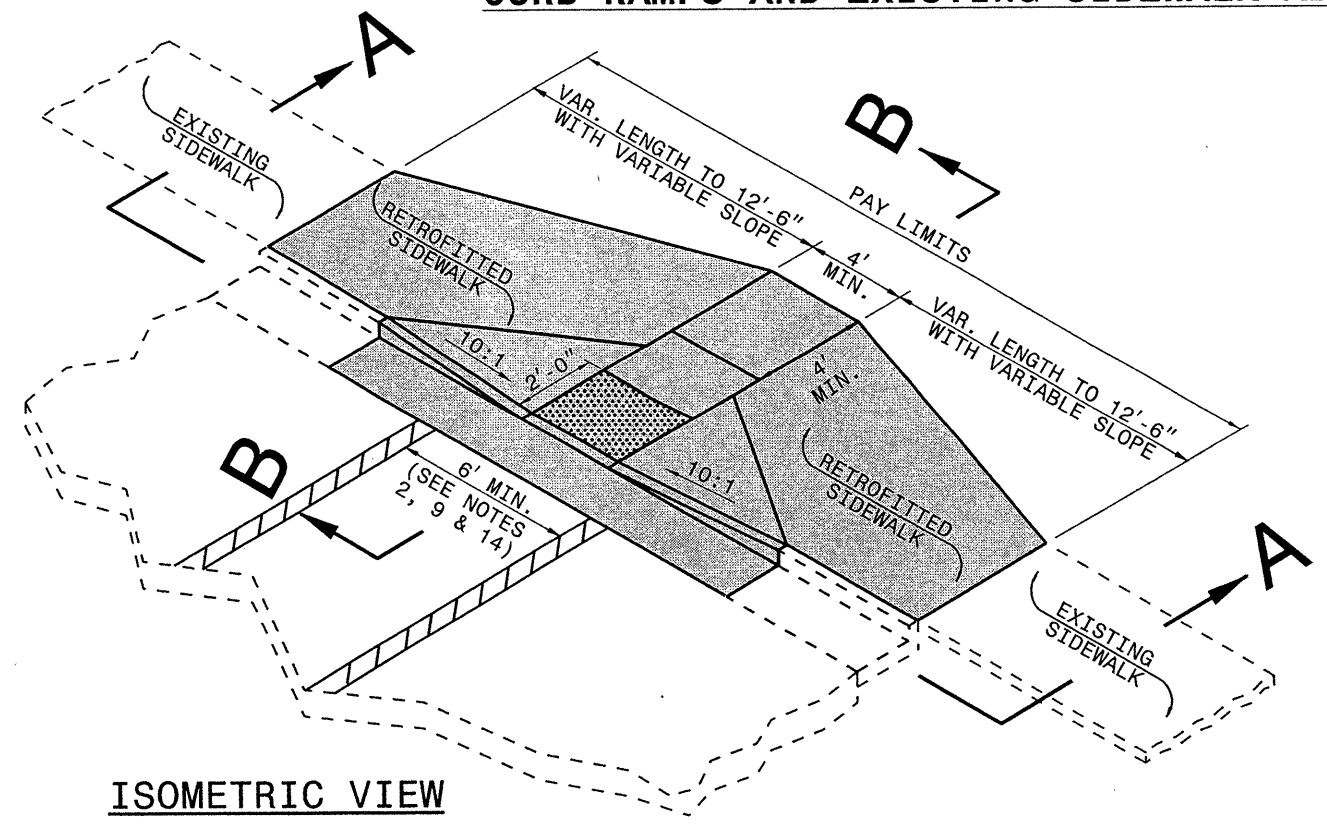


PLAN VIEW

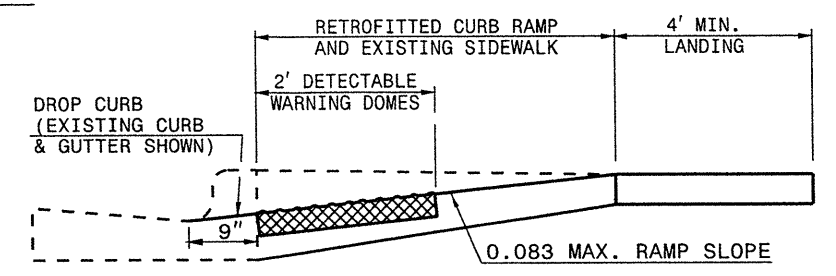
DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

Sht. 14
12CR.10361.17
12CR.20361.23

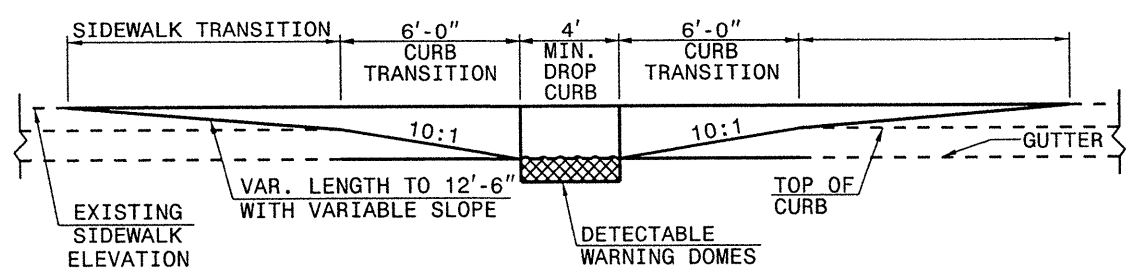
CURB RAMPS AND EXISTING SIDEWALK ADJACENT TO CURB



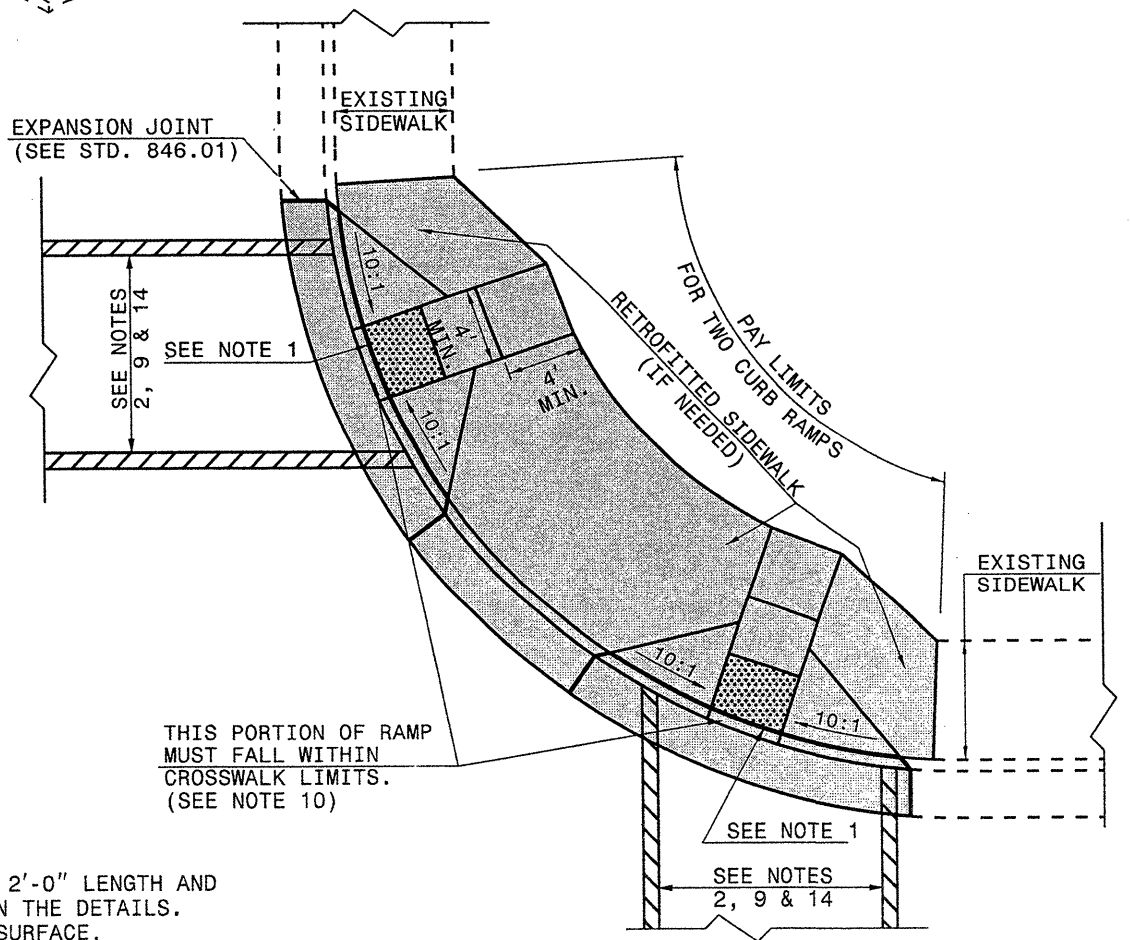
ISOMETRIC VIEW



SECTION B-B



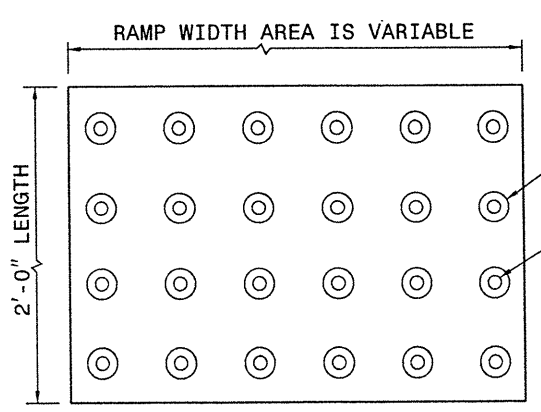
SECTION A-A



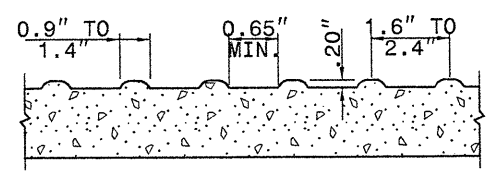
PLAN VIEW

DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

PAY LIMITS OF CURB RAMP



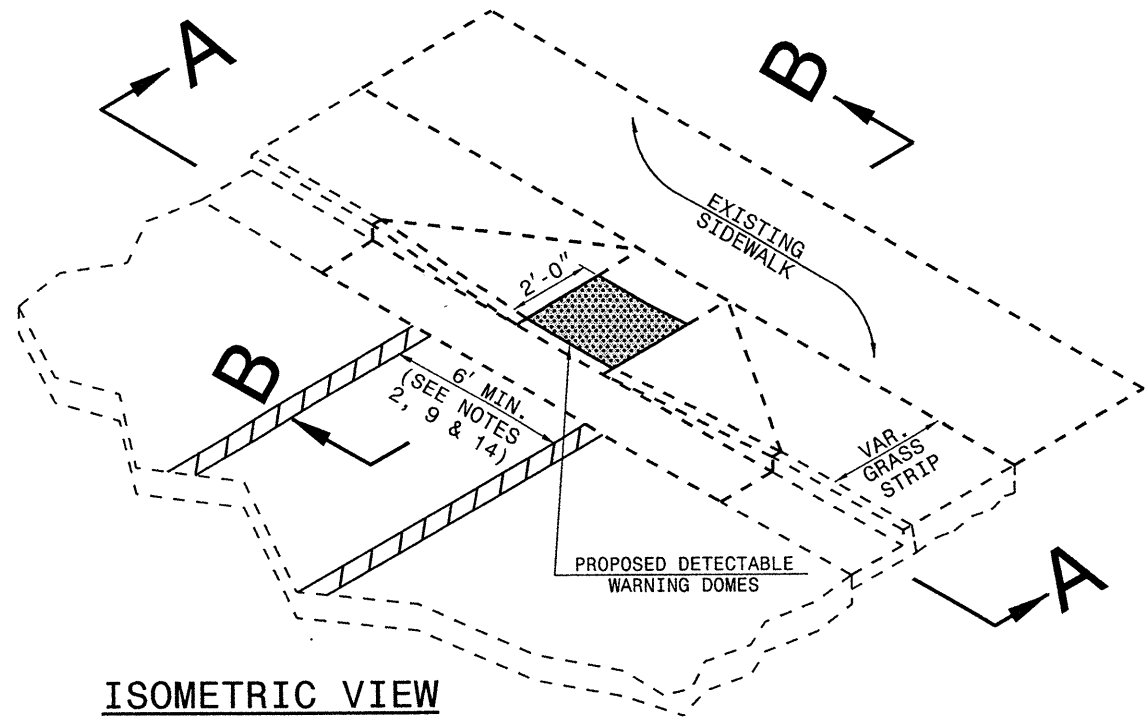
BASE DIAMETER
0.90"R TO 1.40"R
TOP DIAMETER OF NO LESS THAN 50% TO NO MORE THAN 65% OF THE BASE DIAMETER



DETECTABLE WARNING DOMES

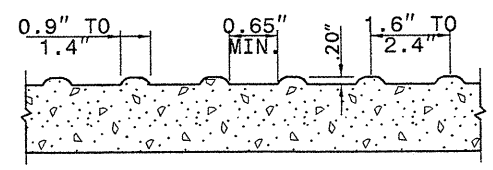
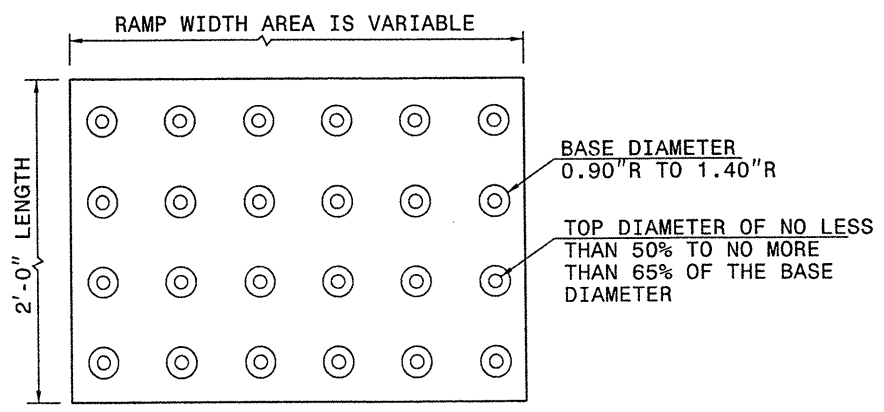
- NOTES:
1. PLACE DETECTABLE WARNING DOMES TO COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 2. OBTAIN VISIBLE CONTRAST WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.

RETROFITTING DETECTABLE WARNING DOMES ONTO EXISTING CURB RAMP



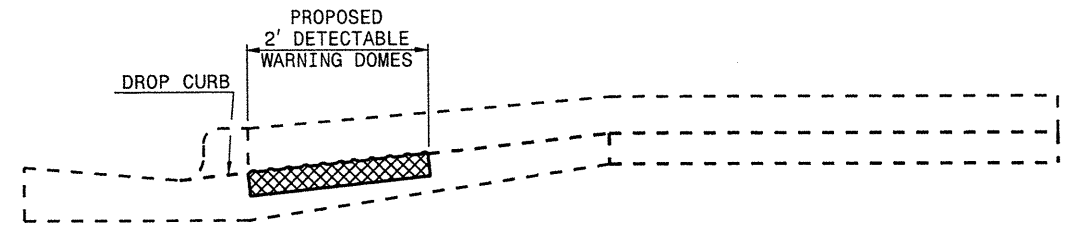
ISOMETRIC VIEW

PAY LIMITS OF RETROFIT CURB RAMP

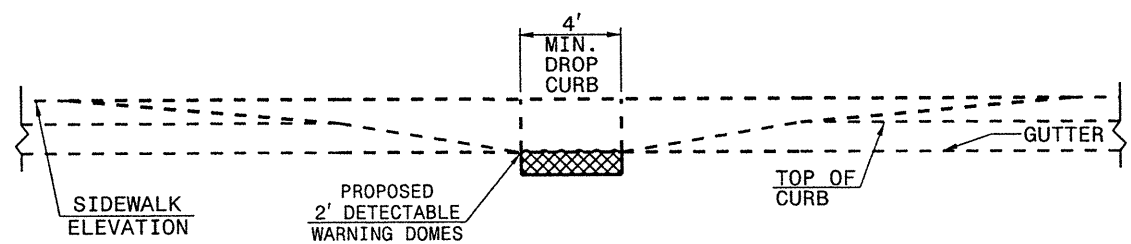


DETECTABLE WARNING DOMES

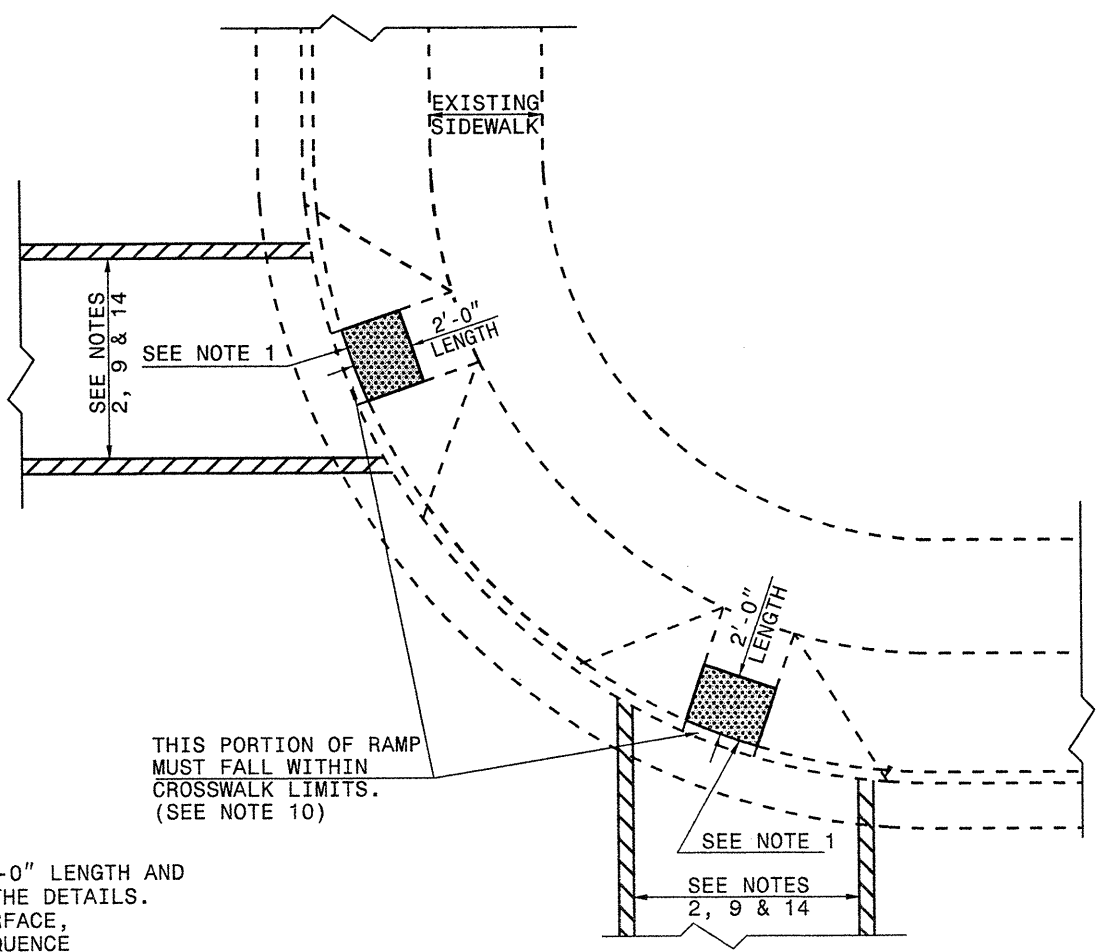
- NOTES:
1. PLACE DETECTABLE WARNING DOMES TO COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 2. OBTAIN VISIBLE CONTRAST WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



SECTION B-B



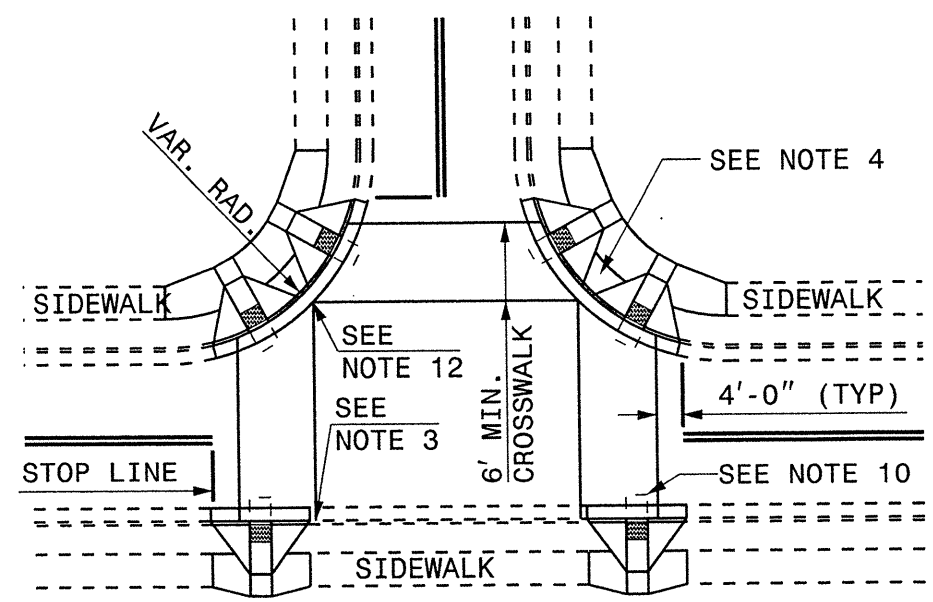
SECTION A-A



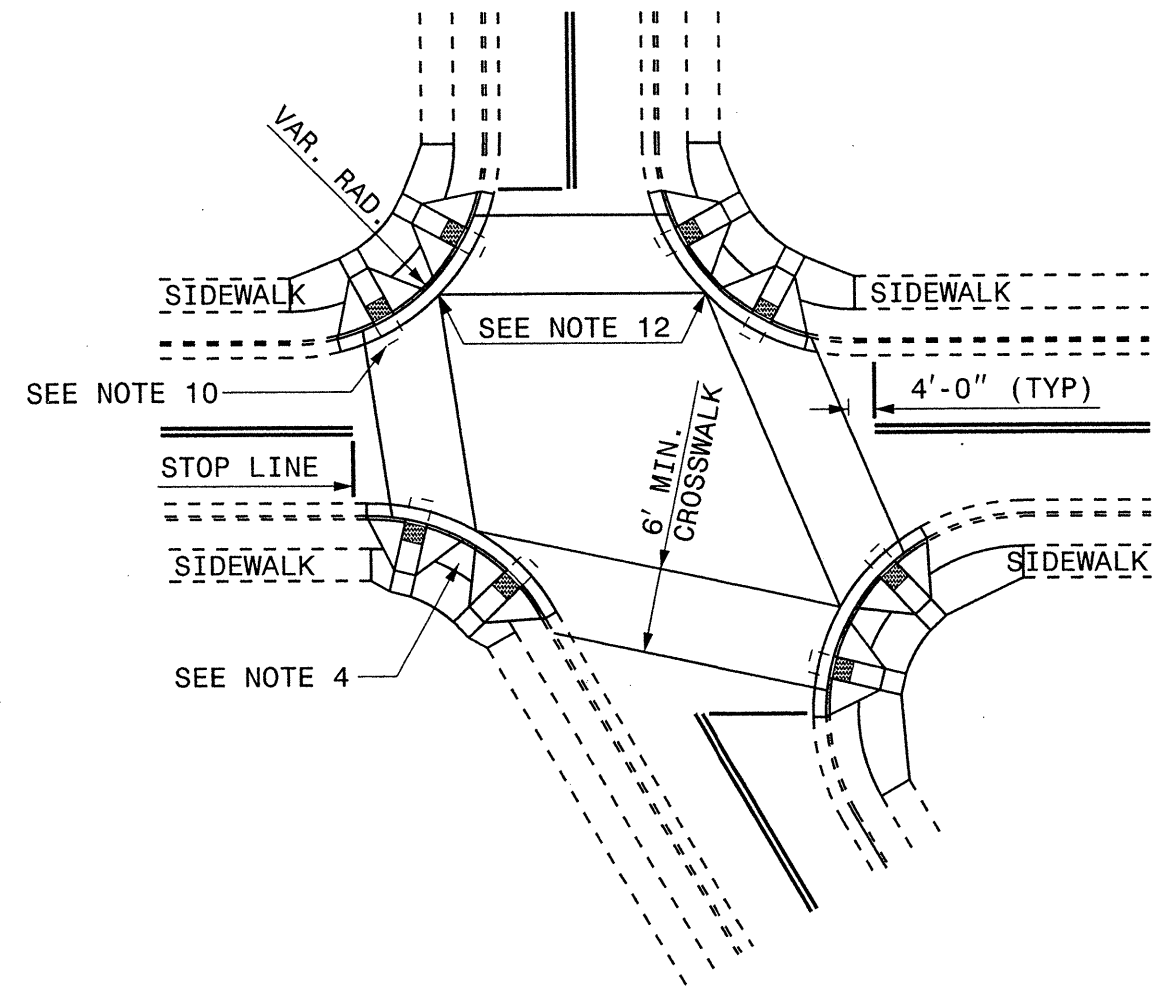
PLAN VIEW

DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

CURB RAMPS AND EXISTING SIDEWALK

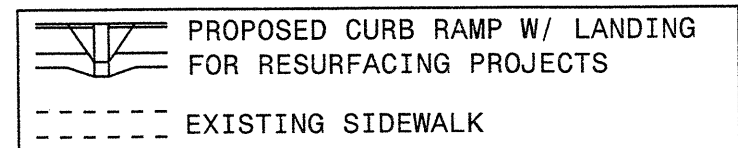


DETAIL SHOWING TYPICAL LOCATION OF CURB RAMPS,
PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS



DETAIL SHOWING TYPICAL LOCATION OF CURB
RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES

RESURFACING PROJECTS



ALLOWABLE LOCATIONS
DUAL RAMP RADII.....ANY

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
CURB RAMP
EXISTING CURB AND GUTTER

CURB RAMP AND EXISTING SIDEWALK

NOTES:

1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
6. TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
11. CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
14. SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'x5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
16. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
CURB RAMP
EXISTING CURB AND GUTTER

Sht. 18

1202.10361.17

1202.20361.23

PROJECT NO.	SHEET NO.	TOTAL NO.
12CR.10361.17,	19	
12CR.20361.23		

SUMMARY OF QUANTITIES

PROJECT NO.	COUNTY	MAP NO.	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	AGGREGATE SHOULDER BORROW TON	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1.75" MILLING SY	3.25" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	LEVELING COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	RETROFIT EXISTING CURB RAMP EA	CURB RAMPS EA	PATCHING EXISTING PAVEMENT TONS	ADJ. OF DROP INLET EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS											
12CR.10361.17	Gaston	1	US-321 (N. CHESTER ST)	RADIO ST. TO NC-7		4		NO	NO	0.32	VAR. 61-69										4,099	200	255	20.00	1	800	1	23	9	1.00											
										0.13	VAR. 44-64																														
										0.34	VAR. 45-64																														
										0.06	VAR. 44-58																														
										0.35	VAR. 45-65																														
TOTAL FOR MAP NO. 1										1.2					29,900	11,088					4,099	200	255	20.00	1	800	1	23	9	1.00											
12CR.10361.17	Gaston	2	US-321 (N. YORK ST)	NC-7 TO WEST RANKIN AVE		5	2		NO	0.2	VAR. 25-35				3,631							305		18	2.00	2	60														
TOTAL FOR MAP NO. 2										0.2					3,631							305		18	2.00	2	60														
12CR.10361.17	Gaston	3	NC-150 (LINCOLN HWY)	HUSS AVE TO LINCOLN CL		9	5		NO	1.91	VAR. 61-69																														
TOTAL FOR MAP NO. 3										1.43	VAR. 62-64	286	130	5.72	68,869								11,919		715		2,742		10	5											
12CR.10361.17	Gaston	4	NC-279 (NORTH RUDISILL AVE)	NC-150 TO E. MAIN ST.		5	2		NO	0.15	VAR. 30-34				3,012																										
TOTAL FOR MAP NO. 4										0.15					3,012																										
TOTAL FOR PROJ NO. 12CR.10361.17										4.89		286	130	5.72	105,412	11,088						4,404	200	1,003	22	3	3,629	1	33	14	1.00										
12CR.20361.23	Gaston	5	SR-1921 (ABERNATHY RD)	SR-1953 TO SR-1920		3	2	2WU	NO	0.51	20		20																												
TOTAL FOR MAP NO. 5										0.51			20																												
12CR.20361.23	Gaston	6	SR-1122 (ARCHIE WHITESIDES RD)	US-29/74 TO SR-1131		1	2	2WU	NO	1.73	VAR. 19-23	346	60	3.46			490					2,094	100																		
TOTAL FOR MAP NO. 6										1.73		346	60	3.46			490						2,094	100																	
12CR.20361.23	Gaston	7	SR-1122 (LINWOOD RD)	SR-1131 TO SR-1125		1	2	2WU	NO	1.53	VAR. 20-21	306	30	3.06			480					1,752	88																		
TOTAL FOR MAP NO. 7										1.53		306	30	3.06			480					1,752	88																		
12CR.20361.23	Gaston	8	SR-1311 (DIANE THEATER RD)	SR-1307 TO SR-1312		1	2	2WU	NO	0.23	VAR. 22-24	46		0.46																											
TOTAL FOR MAP NO. 8										0.23		46		0.46																											
12CR.20361.23	Gaston	9	SR-1312 (OATES RD)	SR-1311 TO NC-274		1	2	2WU	NO	1.71	VAR. 21-27																														
TOTAL FOR MAP NO. 9										0.12	VAR. 27-31	418	65	3.62	2,100			400	773	2,273	209						323		2												
12CR.20361.23	Gaston	10	SR-2445 (KENDRICK RD)	END C&G (SR-2445) TO BEGIN TRAFFIC CIRCLE (SR-2200)		1	2	2WU	NO	1.47	VAR. 22-23	294	57	2.94								1,787	80																		
TOTAL FOR MAP NO. 10										1.47		294	57	2.94									1,787	80																	
12CR.20361.23	Gaston	11	SR-2278 (S. GASTON ST.)	W. CAROLINE ST TO NC-279		9	2	2WU	NO	0.43	VAR. 42-43																														
TOTAL FOR MAP NO. 11										0.07	VAR. 46-47																														
12CR.20361.23	Gaston	12	SR-2000 (HICKORY GROVE RD)	550' N OF NC-7 TO SR-2040		13	2	2WU	NO	0.04	VAR. 38-39																														
TOTAL FOR MAP NO. 12										0.09	VAR. 32-33	295	100	2.69	2,658			1,050																							
12CR.20361.23	Gaston	13	SR-2040 (PERFECTION RD)	SR-2000 TO SR-2050		1	2	2WU	NO	1.84	VAR. 23-44	368	85	3.68			580					3,034	85																		
TOTAL FOR MAP NO. 13										1.84		368	85	3.68			580						3,034	85																	
12CR.20361.23	Gaston	14	SR-1803 (CARR RD)	SR-1001 TO SR-1802		2	2	2WU	NO	0.76	20	152	60	1.52				344	829	100																					
TOTAL FOR MAP NO. 14										0.76		152	60	1.52				344	829	100																					
12CR.20361.23	Gaston	15	SR-1001 (PHILADELPHIA CH RD)	SR-1801 TO SR-1803		1	2	2WU	NO	0.85	VAR. 22-31																														
TOTAL FOR MAP NO. 15										0.04	VAR. 31-33	178	40	1.78	750																										
12CR.20361.23	Gaston	16	SR-1334 (JENKINS DAIRY RD)	SR-1327 TO MT. OLIVE CH. RD.		2	2	2WU	NO	0.94	VAR. 23-24																														
TOTAL FOR MAP NO. 16										0.15	VAR. 28-29	218	68	2.18	2,500				493	1,475	172																				
TOTAL FOR PROJ NO. 12CR.20361.23 (1.5" Resurfacing)										8.07		2,621	585	25.39	24,461			3,000	1,610	18,519	924						2,675		24	21											
PROJECT GRAND TOTAL										12.96		2,907	715	31.11	129,873	11,088		3,000	1,610	30,691	924	4,404	200	2,244	22	3	6,304	1	57	35	1										

