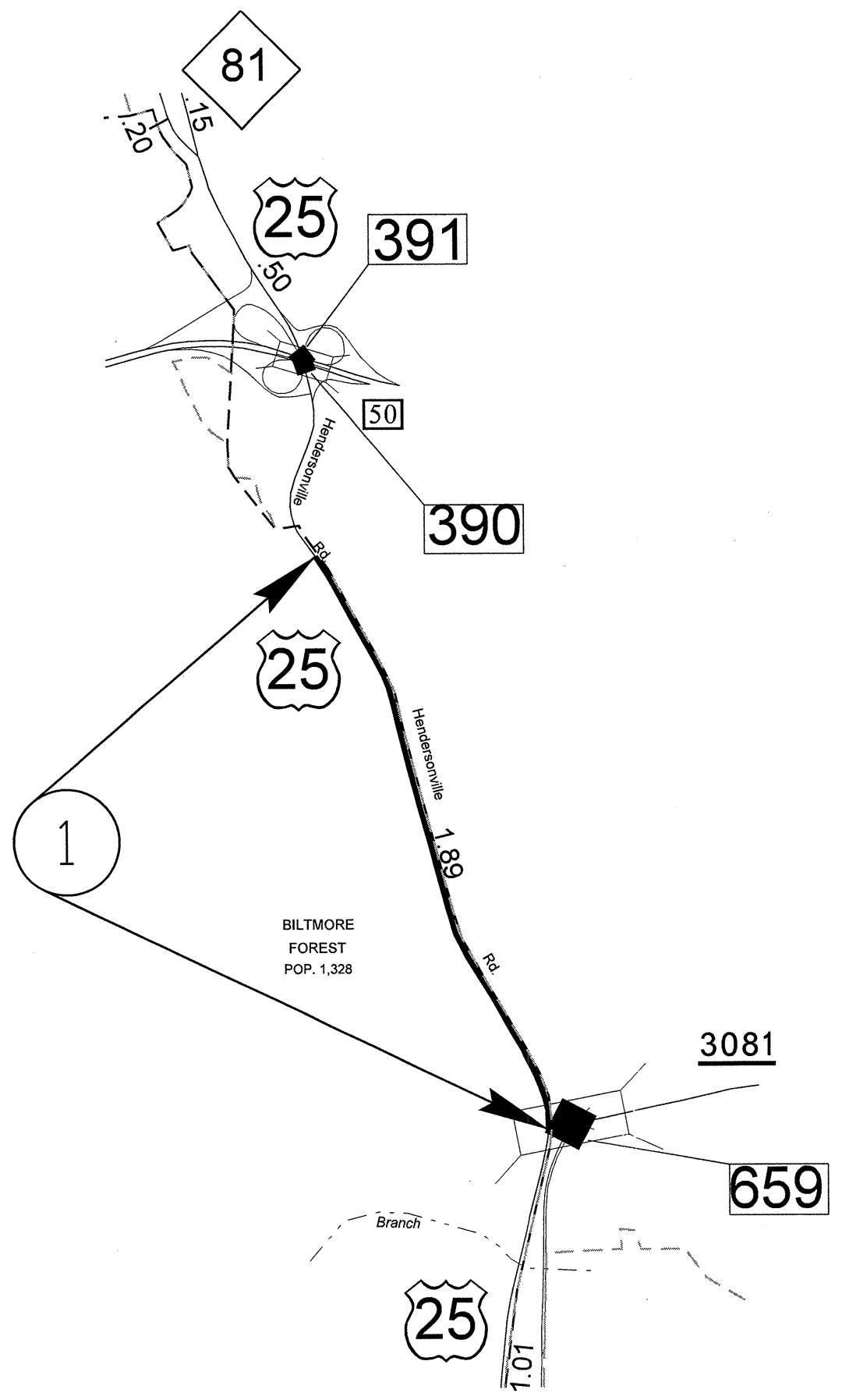


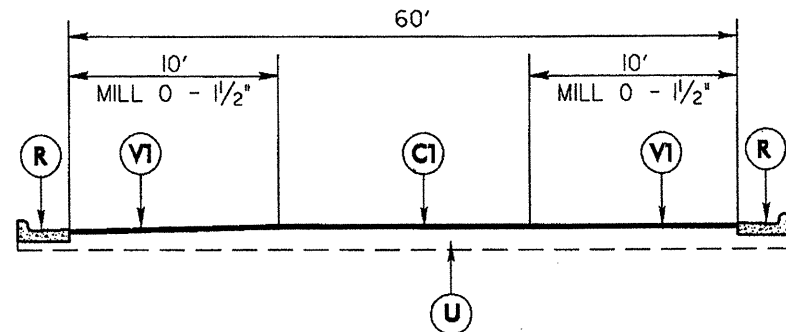
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10111.12	1	



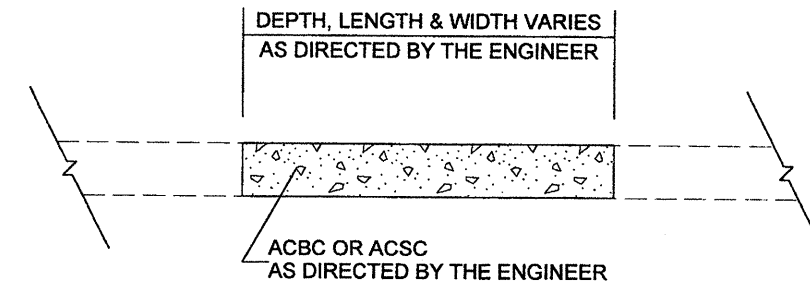
BUNCOMBE COUNTY

BUNCOMBE COUNTY

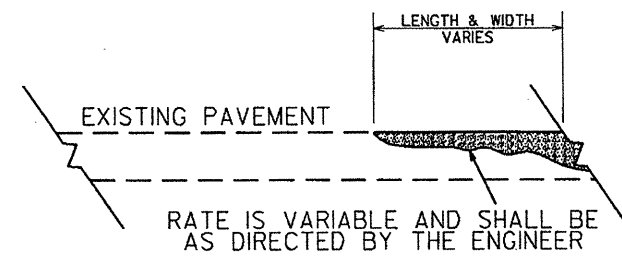
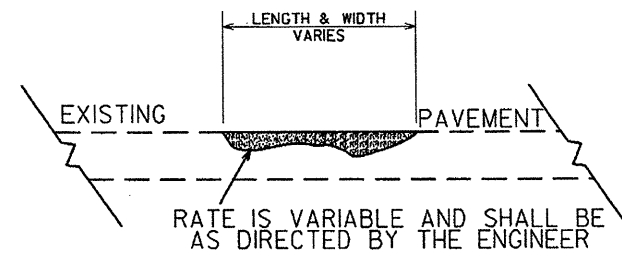
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10111.12	2	



TYPICAL SECTION NO. 1



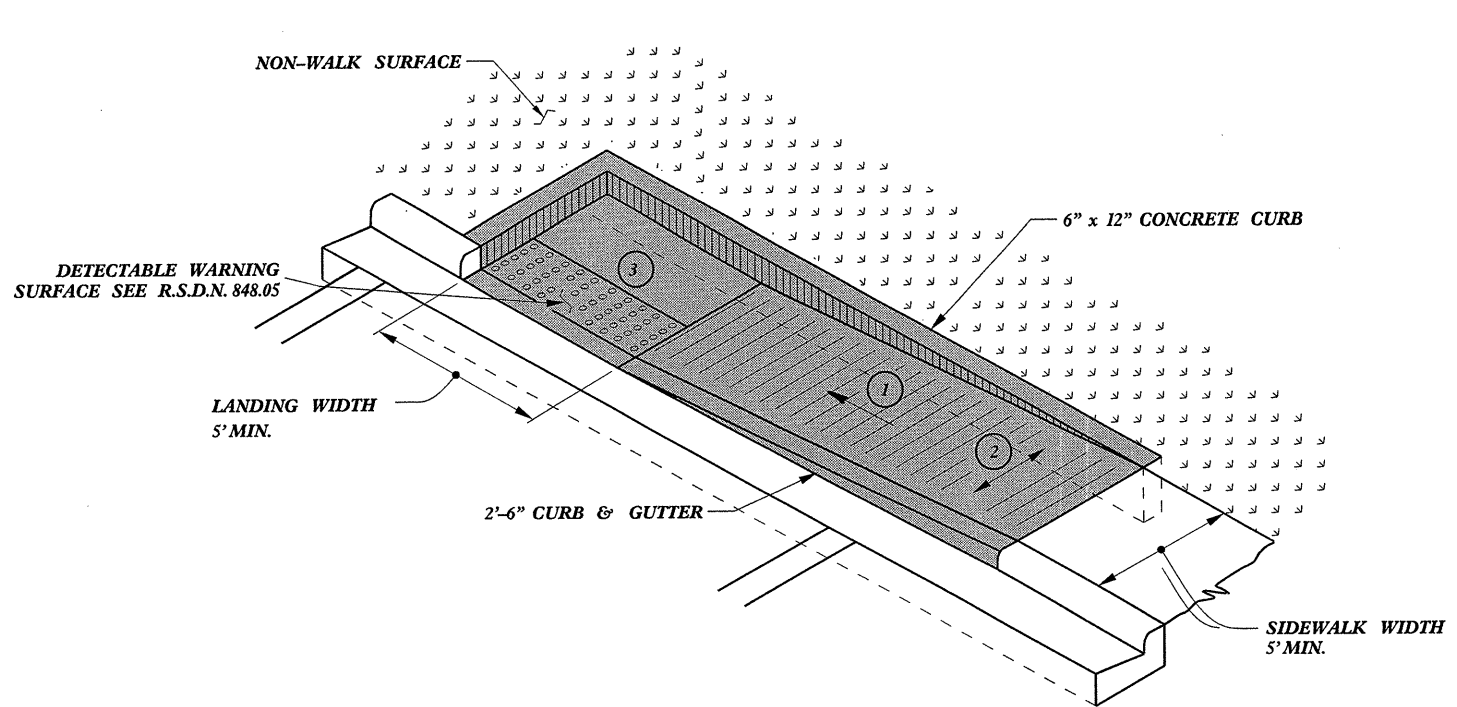
PATCHING EXISTING PAVEMENT



DETAIL SHOWING METHOD OF WEDGING

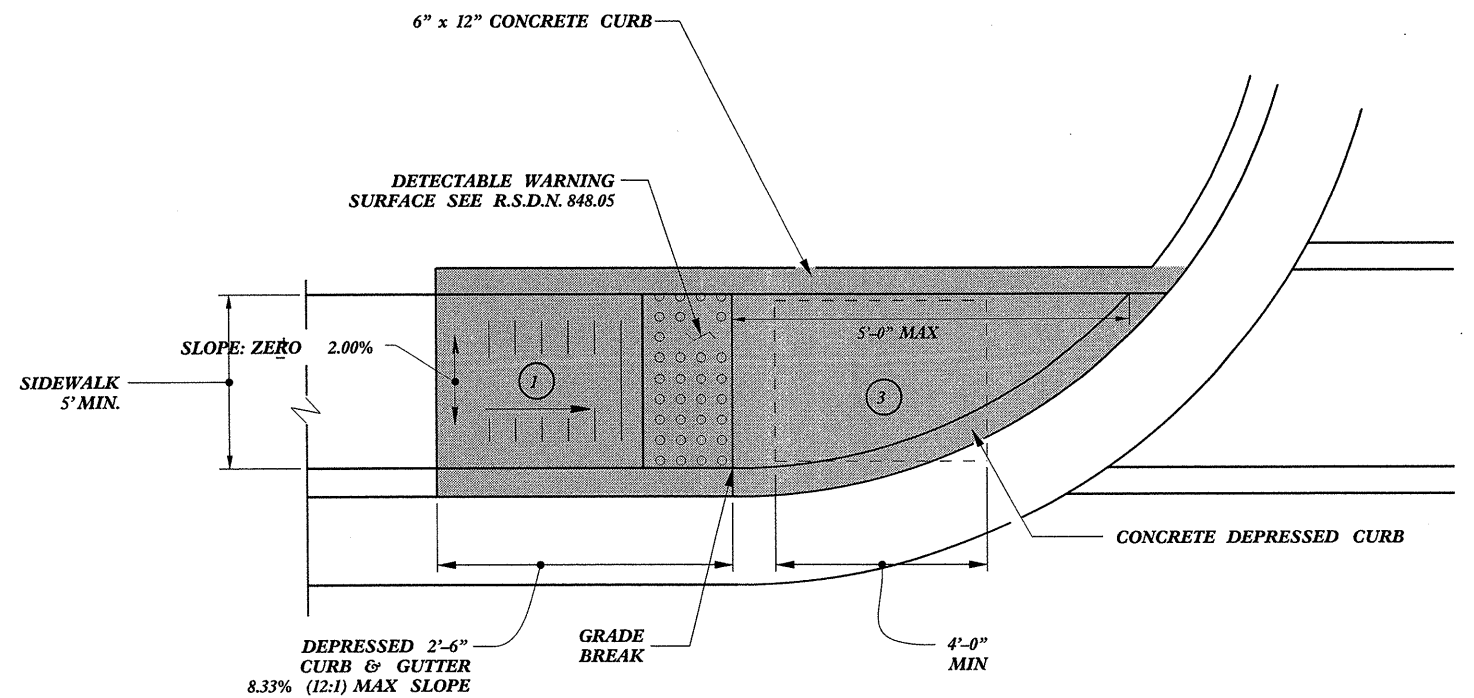
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
R	EXISTING CONCRETE CURB OR CONCRETE ISLAND
U	EXISTING PAVEMENT
V1	MILL 0 - 1 1/2"

5/14/99
I:\SEP-2010\08\03 SA\Contracts\Contract\Special Details\Howerton\Standard Drawings\2012 Curb Ramp Special Details\Curb Ramp Details.dgn
Jhowerton



TYPE 1A

PAY LIMITS FOR CURB RAMP



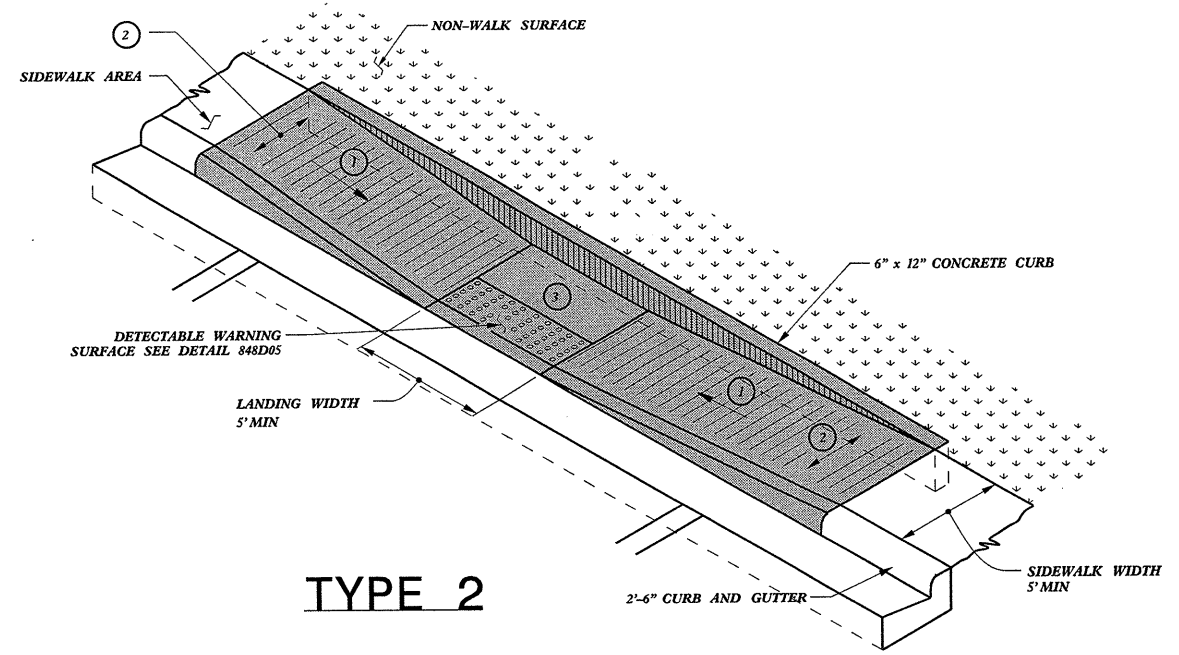
TYPE 1

- ① 8.33% (12:1) MAX RAMP SLOPE
- ② CROSS SLOPE: 2.00%
- ③ CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Directional Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

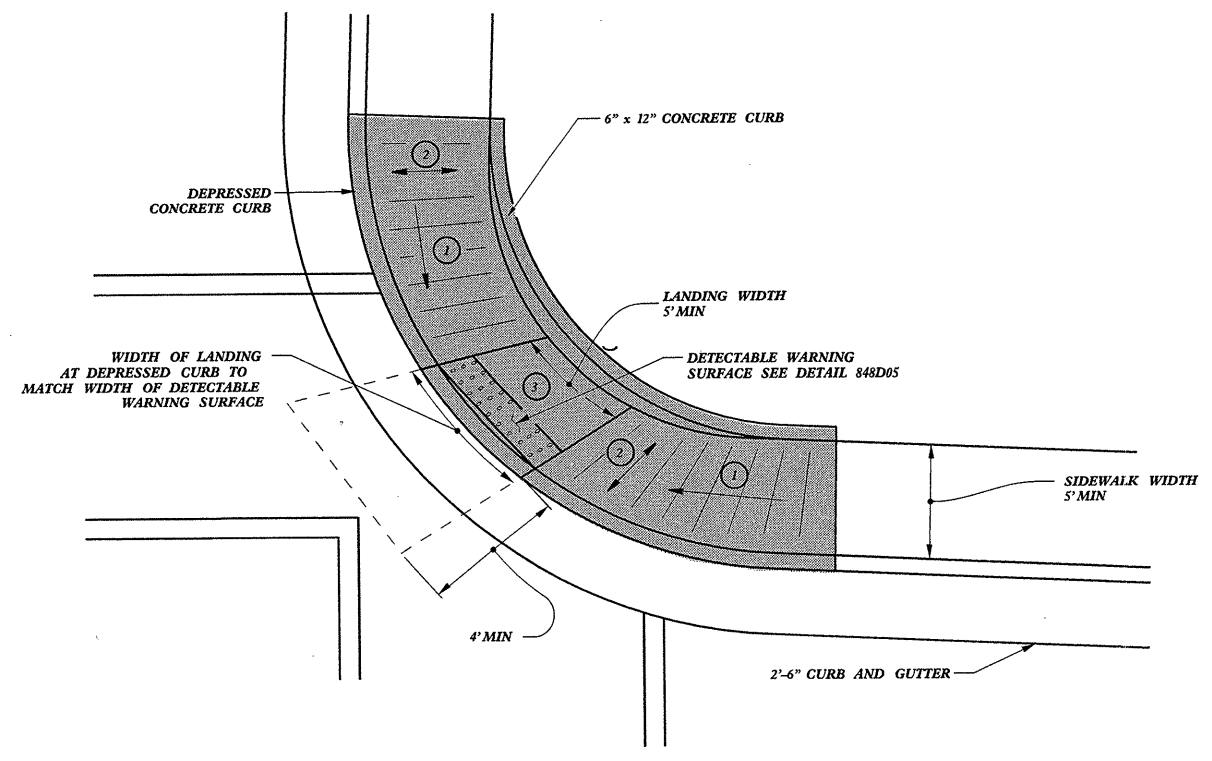
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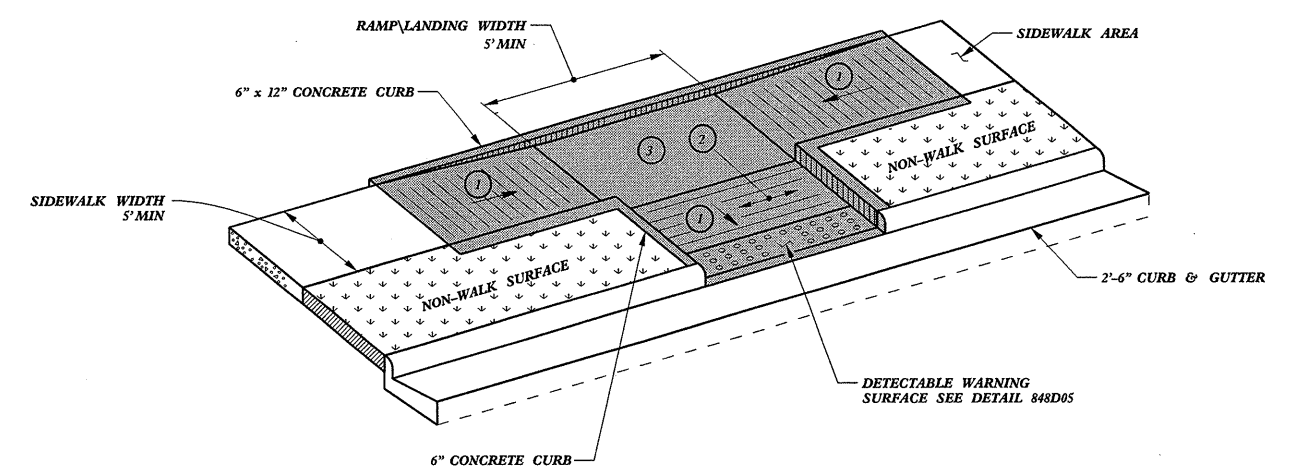
TYPE 2

PAY LIMITS FOR CURB RAMP

- ① 8.33% (12:1) MAX RAMP SLOPE
- ② CROSS SLOPE: 2.00%
- ③ CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



TYPE 2A



TYPE 3

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

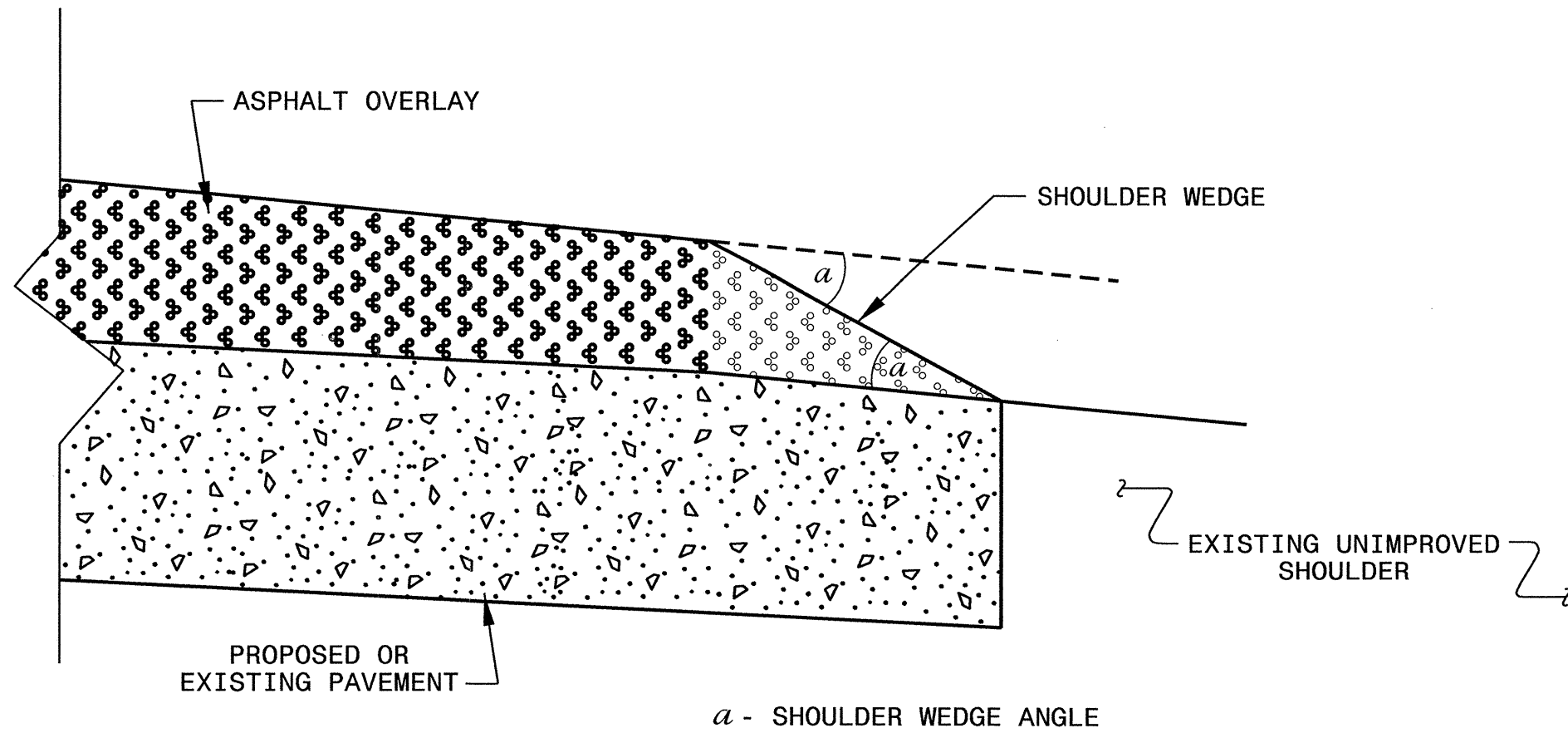
PROJECT NO.	SHEET NO.	TOTAL NO.
13CR.10111.12	5	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	0" TO 1½" MILLING SY	ASPHALT CONC SURFACE COURSE, TYPE S9.5B TON	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TON	GENERIC PAVING ITEM REMOVE AND REPLACE CURB RAMPS EA	ADJUSTMENT OF MANHOLES EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES EA	PORTABLE LIGHTING LS
13CR.10111.12	Buncombe	1	US 25	FROM SR 3081 (ROCK HILL RD) MP 6.53 TO 1 MILE SOUTH OF NC 81	1	NO	1.38	60	16,192	4,498	270	690	17	14	15	1
TOTAL FOR PROJ NO. 13CR.10111.12							1.38		16,192	4,498	270	690	17	14	15	1
GRAND TOTAL							1.38		16,192	4,498	270	690	17	14	15	1

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4686000000-E		4697000000-E	4710000000-E	4721000000-E	4725000000-E				4905000000-N	
							4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS, ONLY) EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS, LT ARROW) EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS, STR ARROW) EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS, STR & RT ARROW) EA	THERMOPLASTIC PAVEMENT MARKINGS SYMBOL (90 MILS, LT STR & RT ARROW) EA	SNOWPLOWABLE PAVEMENT MARKERS EA	
13CR.10111.12	Buncombe	1	US 25	FROM SR 3081 (ROCK HILL RD) MP 6.53 TO 1 MILE SOUTH OF NC 81 MP 7.91	1.38	60	3,643	18,216	394	516	20	47	26	15	1	365	
TOTAL FOR PROJ NO. 13CR.10111.12							1.38	3,643	18,216	394	516	20	47	26	15	1	365
GRAND TOTAL							1.38	3,643	18,216	394	516	20	47	26	15	1	365



SHOULDER WEDGE DETAIL

04-OCT-2011 11:27
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 \$\$\$USERNAME\$\$\$

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
SHOULDER WEDGE DETAIL	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: s:\usr\details\stand\shoulderwedge\detail.dgn	