BASE THICKNESS AND OPTION CODES

Base Group	Structural Range	Base Group Pay Item Number	Base Options								
			Limerock, LBR 100	Cemented Coquina, LBR 100	Shell Rock, LBR 100	Bank Run Shell, LBR 100	Recycled Concrete Aggregate, LBR 150 **	Graded Aggregate Base, LBR 100	Type B-12.5	B-12.5 And 4" Granular Subbase, LBR 100 *	RAP Base
			Structural Number (Per. in.)								
			(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.15)	(0.30)	(0.30 & 0.15)	(NA)
1	0.65–0.75	701	4"	4"	4"	4"	4"	4½"	△ 4"		□ 5"
2	0.80–0.90	702	5"	5"	5"	5"	5"	5½"	△ 4"		
3	0.95–1.05	703	5½"	5½"	5½"	5½"	5½"	6½"	△ 4"		
4	1.05–1.15	704	6"	6"	6"	6"	6"	7½"	△ 4"		
5	1.25–1.35	705	7"	7"	7"	7"	7"	8½"	4½"		
6	1.35–1.50	706	8"	8"	8"	8"	8"	9"	5"		
7	1.50–1.65	707	8½"	8½"	8½"	8½"	8½"	10"	5½"		
8	1.65–1.75	708	9½"	9½"	9½"	9½"	9½"	11"	5½"		
9	1.75–1.85	709	10"	10"	10"	10"	10"	12"	6"	4"	
10	1.90–2.00	710	11"	11"	11"	11"	11"	Ø 13"	6½"	4½"	
11	2.05–2.15	711	12"	12"	12"	12"	12"	Ø 14"	7"	5"	
12	2.20–2.30	712	12½"	12½"	12½"	12½"	12½"		7½"	5½"	
13	2.35–2.45	713	Ø 13½"	Ø 13½"	Ø 13½"	Ø 13½"	Ø 13½"		8"	6"	
14	2.45–2.55	714	Ø 14"	Ø 14"	Ø 14"	Ø 14"	Ø 14"		8½"	6½"	
15	2.60–2.70	715							9"	7"	

GENERAL NOTES

1. Where base options are specified in the plans, only those options may be bid and used.
2. In situations where the designer requires the use of a single base option, as shown in the plans, bid and use as optional base.

* For granular subbase, the construction of both the subbase and Type B-12.5 will be bid and used as Optional Base. Granular subbases include Limerock, Cemented Coquina, Shell Rock, Bank Run Shell, Recycled Concrete Aggregate and Graded Aggregate Base. The base thickness shown is Type B-12.5. All subbase thicknesses are 4" minimum.

** For restrictions on the use of Recycled Concrete Aggregate – see Specifications Section 911.

Ø To be used for widening, three feet or less.

△ Based on minimum practical thicknesses.

□ For restrictions on the use of RAP Base – see Standard Specifications.

GENERAL USE OPTIONAL BASE GROUPS AND STRUCTURAL NUMBERS

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BASE THICKNESS AND OPTION CODES

Base Group	Structural Range	Base Group Pay Item Number	Base Options						
			Limerock Stabilized LBR 70	Shell LBR 70	Shell Stabilized LBR 70	Sand-Clay LBR 75	Soil Cement (300 psi) (Plant Mixed)	Soil Cement (300 psi) (Road Mixed)	Soil Cement (500 psi) (Plant Mixed)
			Structural Number (Per. in.)						
			(0.12)	(0.12)	(0.10)	(0.12)	(0.15)	(0.15)	(0.20)
1	0.60–0.75	701	5"	5"	7"	5"	5"	5"	4"△
2	0.75–0.90	702	6½"	6½"	8½"	6½"	5½"	5½"	4"
3	0.95–1.05	703	8"	8"	9½"	8"	6½"	6½"	5"
4	1.05–1.15	704	9"	9"	10½"	9"	7½"	7½"	5½"
5	1.20–1.35	705	10"	10"	12"	10"	8½"	8½"	6"
6	1.30–1.45	706	11"	11"		11"	9"		7"
7	1.45–1.60	707	12½"	12½"		12½"	10"		7½"
8	1.65–1.75	708					11"		8½"

Not Recommended For 20 Year Design Accumulated 18 kip Equivalent Single Axle Loads (ESAL) Greater Than 1,000,000

Note:
These base materials may be used on FDOT projects when approved in writing by the District Materials Engineer and shown in the plans.

△ Based on minimum practical thicknesses.

LIMITED USE OPTIONAL BASE GROUPS AND STRUCTURAL NUMBERS

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