

COMPACTED NATIVE

SOIL AND FREE OF

LARGER THAN 3/4" | ROCK LARGER THAN | ROCK LARGER THAN

DRY DENSITY

6" LIFTS UNDER

PAVEMENT OR 12"

LIFTS IN NON-PAVED | LIFTS IN NON-PAVED | LIFTS IN NON-PAVED

ROCKS LARGER THAN 2" IN ANY DIRECTION 2" IN ANY DIRECTION AND FREE OF DEBRIS AND ORGANIC MATTER. COMPACT TO 95% MAX DRY DENSITY

ROCKS LARGER THAN 2" IN ANY DIRECTION 2" IN ANY DIRECTION AND FREE OF DEBRIS AND FREE OF DEBRIS AND ORGANIC MATTER. COMPACT TO 95% MAX DRY DENSITY

ROCKS LARGER THAN 2" IN ANY DIRECTION AND FREE OF DEBRIS AND ORGANIC MATTER. COMPACT TO 95% MAX DRY DENSITY

4" THRU 24" PIPE AND 9" FOR 30" AND LARGER PIPE

PIPE

CONTACT ENGINEER

AREAS FREE OF AREAS FREE OF

ROCK ENCOUNTERED OVER EXCAVATE AND BED WITH #67 STONE UNDER PIPE TO 6" FOR

UNSUITABLE MATERIAL OVER EXCAVATE AND BED WITH AT LEAST 6" OF #67 STONE UNDER

COMPACTED NATIVE

SOIL FREE OF ROCK

6" LIFTS UNDER

PAVEMENT OR 12"

FINAL BACKFILL

TRENCH BOTTOM

@ TRENCH BOTTOM

UNSTABLE MATERIAL

COMPACTED NATIVE

SOIL AND FREE OF

DRY DENSITY

PAVEMENT OR 12"

". COMPACT TO 95% 3". COMPACT TO 95%

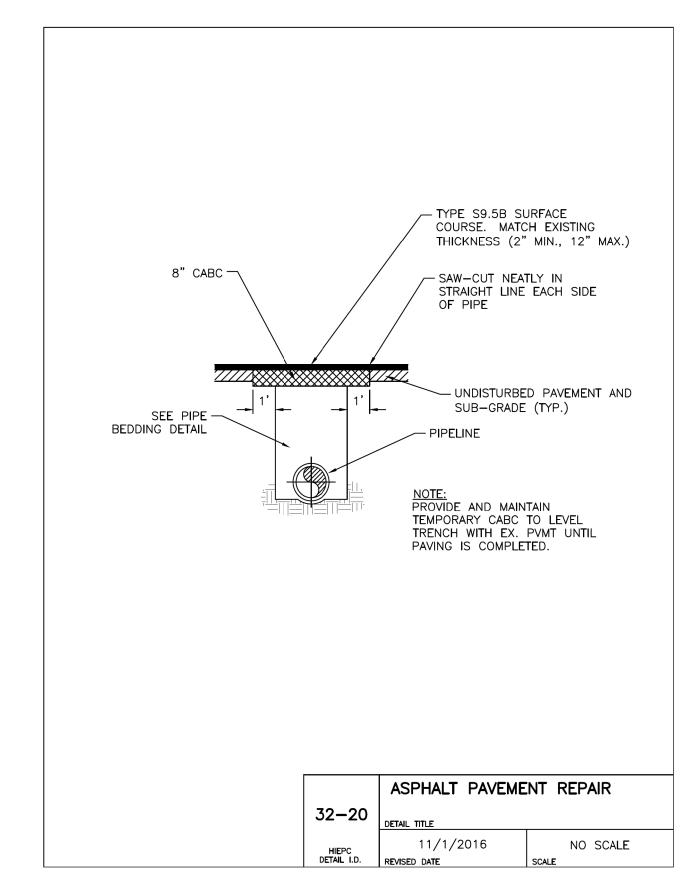
	MAX. DEPTH OF BURY				
	DIP SIZE (IN.)	PRESSURE CLASS (PSI)	TYPE 2	TYPE 3	TYPE 4
	4-8	350	20'	25'	34'
L	12	350	15'	19'	28'
	16	250	11'	15'	24'
	20	250	11'	14'	22'
	24	250	11'	15'	20'
	30	250	11'	15'	19'
	36	250	10'	14'	18'

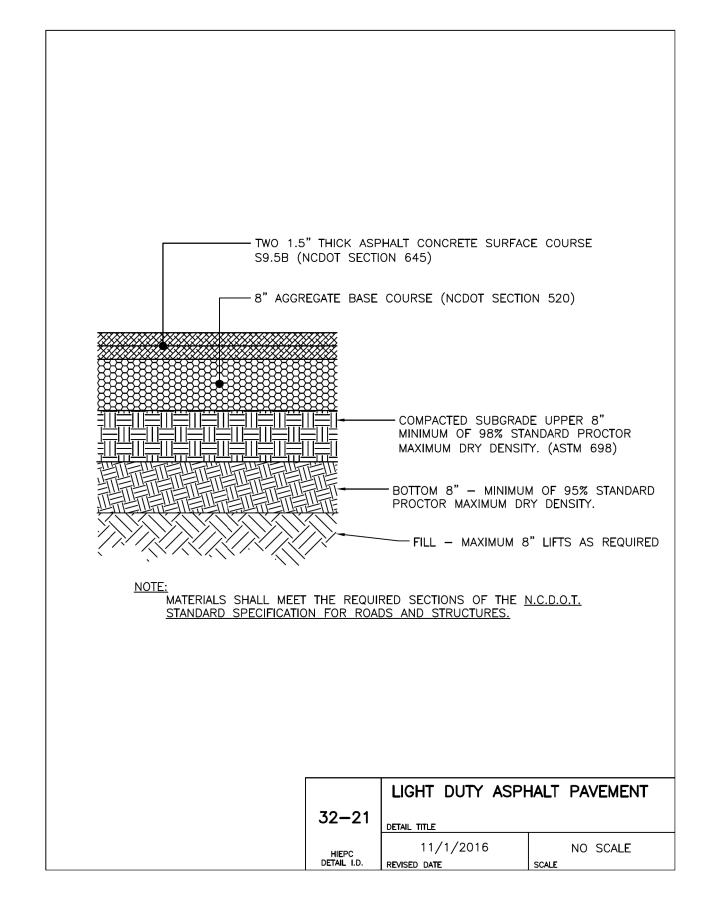
1. ADAPTED FROM AWWA C151.
2. FOR DIP SIZES BETWEEN THOSE LISTED USE NEXT LARGEST SIZE.
3. FOR DIP SIZE LARGER THAN 36", OR OTHER PRESSURE CLASSES, CONSULT ENGINEER.

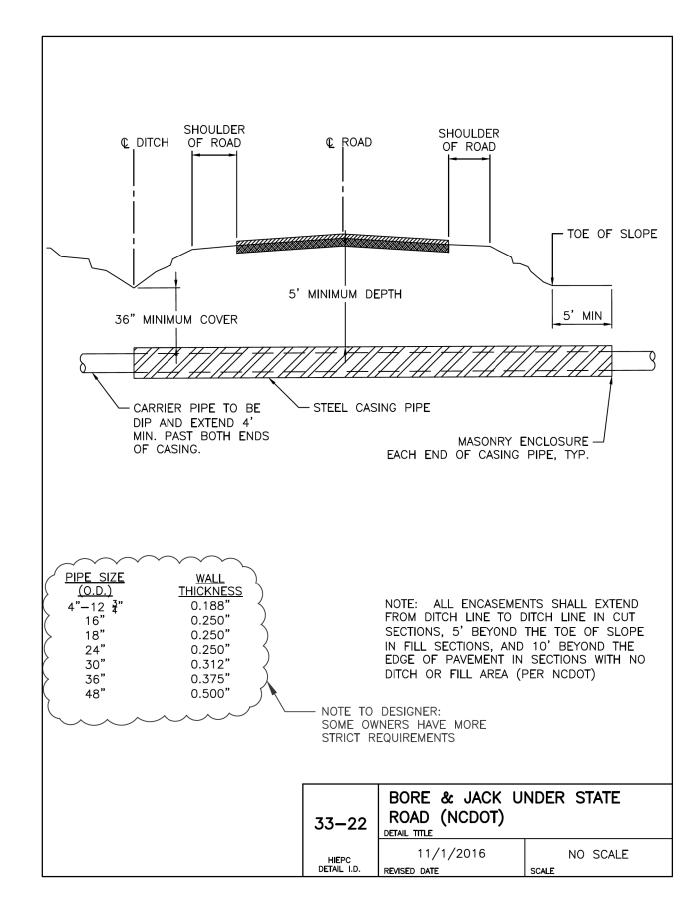
31-23 DI PIPE BEDDING (TYPE 2, 3, AND 4 TRENCHES)

DETAIL TITLE

11/1/2016 NO SCALE







PROJECT REFERENCE NO. SHEET NO.

R-2561CA UC-3A

DESIGNED BY: BJPO

DRAWN BY: WAP

CHECKED BY:

APPROVED BY:

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

UTILITIES ENGINEERING SEC.
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UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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