PIPE FOUNDATION & BEDDING

GOOD SOILS

IMPROVED PIPE FOUNDATION MATERIAL (3149.2H) CONSIDERED INCIDENTAL TO THE SPECIFIED GRANULAR BORROW MATERIAL (3149.2B1) IN THIS AREA

IMPROVED PIPE FOUNDATION 6" PAY DEPTH INCREMENTS TYP.

POOR SOILS

"DIA" DENOTES OUTSIDE DIAMETER OF PIPE

STANDARD DETAILS
PIECE FOUNDATION & BEDDING METHODS FOR PVC

1/2019
"DIA" DENOTES OUTSIDE DIAMETER OF PIPE

COMPACTED BACKFILL

COARSE FILTER AGGREGATE
MNDOT SPEC. 3149.2H

LOAD FACTOR 1.9
CLASS B
HAND SHAPED FROM ANGULAR BEDDING MATERIAL.

DIA/4 BUT NOT LESS THAN 6"

DIA+12" MIN.

0.5DIA

"DIA" DENOTES OUTSIDE DIAMETER OF PIPE

COMPACTED BACKFILL

COARSE FILTER AGGREGATE
MNDOT SPEC. 3149.2H

LOAD FACTOR 1.5
CLASS C-1
HAND SHAPED FROM FIRM UNDISTURBED SOIL.

DIA/4 BUT NOT LESS THAN 6"

DIA+12" MIN.

0.5DIA

"DIA" DENOTES OUTSIDE DIAMETER OF PIPE

COMPACTED BACKFILL

COARSE FILTER AGGREGATE
MNDOT SPEC. 3149.2H

LOAD FACTOR 1.5
CLASS C-2
HAND SHAPED FROM ANGULAR BEDDING MATERIAL.

"DIA" DENOTES OUTSIDE DIAMETER OF PIPE

STANDARD DETAILS
PIPE FOUNDATION & BEDDING METHODS FOR RCP OR DIP

Revised 1/2019
Standard Plate No. BED-2
MATERIAL IN THIS AREA SHALL BE CONSIDERED INCIDENTAL FOR PIPE SPECIFIED WITH CLASS B BEDDING.

IMPROVED PIPE FOUNDATION 6” PAY DEPTH INCREMENTS TYP.

"DIA" DENOTES OUTSIDE DIAMETER OF PIPE

DIA + 12" MIN.

DIA

0.5 DIA.

COMPACTED BACKFILL

COARSE FILTER AGGR. MNDOT SPEC. 3149.2H

STANDARD DETAILS
IMPROVED FOUNDATION FOR ALL PIPES

1/2019

CHISAGO CITY
Gateway to the Lakes

BED-3