



WOOLPERT, INC.
 1 Easton Oval #400
 Columbus, OH 43219
 Phone: 614.476.6000
 Fax: 614.476.6225

Project: VIN-SF02 Culvert
Location: Tar Hollow SF

Calc By: JDK

Date:

Checked By: _____

Date:

Item 203 - Excavation
Item 203 - Embankment

Station	Earthwork SF02			
	End Area (SF)		Volume (CY)	
	Cut	Fill	Cut	Fill
200+01.00	0	0		
			0	0
200+07.00	0	0		
			0	0
200+25.00	0	1		
			0	2
200+50.00	0	3		
			0	4
200+75.00	0	6		
			0	15
201+00.00	0	27		
			0	36
201+25.00	0	50		
			1	38
201+50.00	3	32		
			1	38
201+75.00	0	49		
			0	30
202+00.00	0	15		
			0	9
202+25.00	0	5		
			0	4
202+50.00	0	3		
			0	2
202+75.00	0	1		
			0	0
202+98.00	0	0		
			0	0
202+99.00	0	0		

Seeding Width (FT)

0

7

9

12

14

37

40

54

35

19

13

12

11

6

0

TOTALS	2	178
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12/5/2025

SEED AREA (SY)

3

16

30

37

71

107

131

124

75

45

35

32

22

0



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The calculations shown below are as described in the ODOT Seeding and Mulching designer note.

Enter Area to be Seeded and Mulched

727.502667 SY

ITEM 659 SEEDING AND MULCHING

728 SY

ITEM 659 TOPSOIL

111 CY PER 1000 SY OF PERMANENT SEEDING

111 X 728 / 1000 =

81 CY

ITEM 659 SOIL ANALYSIS TEST

ONE TEST PER 10000 CY TOPSOIL, WITH A MINIMUM OF TWO

2 EACH

ITEM 659 COMMERCIAL FERTILIZER

30 LBS PER 1000 SF OF PERMANENT SEEDING

30 X 728 X 9 / 1000 / 2000 = 0.10

20 LBS PER 1000 SF OF INTER SEEDING

20 X 36 X 9 / 1000 / 2000 = 0.00

0.10 TONS

ITEM 659 WATER

2 APPLICATIONS AT 300 GALLONS PER 1000 SF (PERMANENT)

728 X 9 / 1000 X (2 X 300) / 1000 = 4 MGAL

1 APPLICATIONS AT 300 GALLONS PER 1000 SF (INTER SEEDING)

36 X 9 / 1000 X 300 / 1000 = 0 MGAL

4 MGAL

ITEM 659 INTER SEEDING

5% OF PERMANENT SEEDING AND MULCHING

5% X 728 =

36 SY

ITEM 659 LIME

728 X 9 / 43560 =

0.15 ACRES

ITEM 659 REPAIR SEEDING AND MULCHING

5% OF PERMANENT SEEDING AND MULCHING

5% X 728 =

36 SY