Travis Chrisato

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

1. Tive Parised Aggregates
2. Drainage Filter material
3. Lightneight Bank Bill
4. Rubbarined Asphat material
5. Retaining wall Back Sill
6. Highway Embank and

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

1500 x 1.10 = 1450 x 12 = 19800 1500 x 1.28 = 1875 x 10 = 18,750

The Common Porrow Soil is Cheaper,

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

L. PARLER VIBRIUM DEFENDER.

L. LIGHT WELLEN FILL

3. RESPONDE FILTER MARKET.

5. RUBBLANDER ROPHERT PRINTS

PRINTED C.

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10
	18, 75°9	

TOF: V= KOOK 1110=1650 YES, MENDE

C601 V= 1600 10125 = 1675 - 4/2, NORME

bof-RON FROM PT R

LOSS FARAYS B

1650 NIZI 19,800

1875 210= 19,750

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

Military and Society

The section to the the form percention

This is a first project to the principle of the section of the s

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

(1500 y 13 (170) (173/y 1) = 319,800

(1500-18 . 1.25) · (10/16) = 18,750

IT & Choose TDA, The price is higher but we will be receding weekly makerial may compensate your for using makerial

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

lightweight fall for highway amburkments
returning wall back fill
Drawnage Filter material
Rubberrad aspiralt Paring material
Insulation to hard tooch perduntion

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

1500 yol . 1.25 . 10 = \$18760

it would be less expensed

Tyler Smith

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

Tournaise For Land highway controllering

Controller South Roll

devices to perform Son load Fills

Published and the Highway to perform the

Wilsonian damping layours for this lives

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

1500 × 1.75 × 1675 × 10 = \$10,800

Hung Doman 3-4-08 CT-VL 131/1863

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

highway engineering?	- insulation to limit
그는 그 사이 중기를 가장 보고는 것이 나는 전에서 경기가 되었다. 그는 그는 그를 보고 있다.	Front pendiration
- Properties which	
- in values ized aliquest grantee analyties.	Ate - 9001 Avained to every
- land-lipe they light the same	and the second s
- fill material when creating wertical profile -	a had file to the
- vivvanjan damponisis langerá for val lives	127

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

竹 (1500 g か)(1.10) = 1950 gd ーン お19500 ーン 2005で!

(1500 g か)(1.10) = 15 35 gd3 - い あ16750

(cheのおか)

(cheのおか)

James Richerts

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

Travis Arandt

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and

- lightweight fill for highway embantsments

- retaining wall backfill

- drainage filter material

- richerized asphalt paving material

- insulation to limit frost penetration highway engineering?

retaining wall book fill
retaining wall book fill
drainage filter material
ru obserized asphalt paving natural
others

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

B-Common Borrow Soil | 1.25 | 10
A-1500 y(
$$^{3}x$$
 | 1.0= $^{1}650$ y(3 \cdot 1.2= $^{1}9800$ \$

B-1500 y(^{3}x \cdot 1.25 = $^{1}675$ y(3 \cdot 1.25 = $^{1}8750$ \$

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

FILL, LAND SIZE STREETS OF HIGHWAY EMBRISHED, REMINING WALL BALL FILL, UPPATION TO LIMIT FAST, DRAINAGE TO LOVE OF LAND FILL, RUBBING D APPART PAYING.

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

1760 (1.10) \$2 \$19800 150= (1.21) \$10 / \$18,750 COMMONSOIL)

LUKO BANKA

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

trainer ha delle some of the s

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

C35: 129(500) = 1500 150(50) = 16,000 \$

Company Same But the Becker C

Jaired Nye

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

1 lightweight Fill
2 Retaining wall
3 prainage Filter Material
4 Rubber Asphalt
5 Others

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

A
$$1500(1.10)(12) = 198004$$

B $1500(1.25)(3) = 187504$

The Borrow Soil is 1050 \$ cheaper.



(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

Harriedel-fil for indicated emical maris
Retail nymeli (packeta)

Michael camp of 18000, for the local
insulation to indictively penalistic
broketa (1805), for large of
Endergo (1805), for large of
Endergo), for surge using

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10 5,500	12 % % 30%
B - Common Borrow Soil	1.25 64 50	10 (250)

J 5000 x 1110 x10

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

I offereight fell paterilly add back fill, Dramoige Filter material insoldion to limit from promision production production by the Busing materials

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

1500 - 110 = 1670 500 - 1105 = 1875

1070 2 7418300

1111 11 10 7 19 750

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

1) The Derived Aggregate
2) Using these for Wighway embankments.
3) Landabde stabilization
4) Retaining well brokeful
5) Insulation to bound food penetration

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

The Common Borrow 50:1 would be best been became it is cost efficient.

1500 x 1/2 = 1650

1805 x 1/2 = 19380

1805 x 1/2 = 19380

Targe Prence!

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

· ligranusigner for explorations dempine layers on roll lines

· petations would first exploration - profit foot peretrotions

· demand 2 for the contents

- robbertzed aspiralt parement moterial

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

16 = 1500 po (100) = 1060 pol Vs = 1500 pol (1.25) = 1875 pol

Hotal Goet & 19,800

COT, 81 Part of the Cooperation

Use sell your Borrow Pit B- Common Borrow soil

Mike Brown

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

Ingriway engineering?

1 TOA (Tire 3-1) see Forerogote) = 9000 Fill proverial

2. Landelier stabilization (good due la raduced maison)

3. Highway embankment

4. Torrestine to their fresh paralication

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

B-Correr Corrow Sai works be comper \$18.750
A-TOF: More expection @ \$18,700

Matthews Worland

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

highway engineering?

- Fill MATERIAN TO - LANDSLEDE STATERED AT SOM

Becker Borrowsh Backfill Material Resource of Expent Concrete / Rubber and & Protection - bood thermal proton - lightneigh but for History Edwards · CRAMOSA + - Francisco ponetty of streetsome water from 10% fice stee said temore water from backung - Central Transite de fronties ASTIM DIGETIO

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

Coros Volu come seden A: 1500 y 23 100 = 1650 y 2 0 412/10 = 319,800 S 1500 y 23 1050 = 18 75 y 2 0 20/10/y 25 18,750 5.3% Cot 8: Pere 10

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

8- Vibration Darrein

1. Lightereight 1.

2. He having that had the second of the Anthorope Them Mahamad Andrew Mahamad Mahamad S. Irindah to

6. Highway Toban smeet

7. Landelde Mosskization

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

Corror Borrow Soil Would be the oregen alternative to NOA.

an Berseline

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

Considerant File

For White Superior File

Definition Forest Manually

Considerate Report File

The File Bare of Paris

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

COSE STAN S

Brandon Beals
3/4/08
Section 1

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

+ Light deignit fail	— prainage layers for landfills
= Delaises well book fill	- Vibration damping layers for each limes
- promage for the Americal	
-rubberized Asphalt Dowing maderials	
- Highward Rundanie wast	
- injulation to limit free provinces	

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

VEDA = 1,10 x 501 yd = 1875 yd needed x 12 4/4 = 9,800 - 20

VEDA = 1,10 x 501 yd = 1875 yd needed x 10 3/4 9 8 8 78 0 C83.

Jackie Stemer

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

- Rubbenzed asphalt Paving Maderial - Retaining wall back fill

- Lightneight fill - Drainage filter material.

- highway embankments

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

TO be y. Expansion was no

- 1500 yet - 1.10 - 15 to \$19,800

。 1. 《新典》:《《新典》:《新典》:《

= 1500 mil 1.25 Mo - \$18750

Use Commune Commune Doil Commune Hara Distriction

Radia Haro Las

Waste Tire Applications in Civil Engineering Sample Homework:

(CIVL 131 Introduction to Civil Engineering Design)

Question 1: Could you list at least five common applications of waste tire in civil and highway engineering?

- hoke worder to some sook of the - Petron of some some some of the control of the powers make work of the control of the cont

Question 2: A construction site needs 1500 yd³ of embankment fill. Which one of the following two pits that you prefer to obtain the borrow soil?

Borrowing Pit	Expansion Factor	Unit Price, \$ / yd ³
A - TDA	1.10	12
B - Common Borrow Soil	1.25	10

1500 mil x 110 = 1650 x 12 = 1919, 200