

## 藪谷川

## 数 量 総 括 表

| 工 種     | 種 別     | 細 別      | 規 格       | 単 位 | 計算過程の数値 | 設計計上数値 | 摘 要        |
|---------|---------|----------|-----------|-----|---------|--------|------------|
| 土 工     |         |          |           |     |         |        |            |
|         | 掘削工     |          |           |     |         |        |            |
|         |         | 掘削(小規模)  | 土砂        | m3  | 11.8    | 12     |            |
|         |         | 床掘(小規模)  | 土砂        | m3  | 57.2    | 57     |            |
|         |         | 表土掘削     | 表土厚30 c m | m3  | 17.8    | 18     |            |
|         | 盛土工     |          |           |     |         |        |            |
|         |         | 埋戻(小規模)  | 碎石        | m3  | 35.4    | 35     |            |
|         |         | 埋戻(小規模)  | 処理土       | m3  | 45.3    | 45     |            |
|         |         | 路体(築堤)盛土 | 2.5<4.0   | m3  | 16.9    | 17     |            |
|         |         | 処理土      |           | m3  | 62.2    | 62     |            |
|         | 残土処分    |          |           |     |         |        |            |
|         |         | 土砂等運搬    | L=2.8km   | m3  | 92.8    | 93     | 発生土+大型土のう  |
|         |         | 砂礫土      |           | m3  | 92.8    | 93     |            |
| 構造物取壊し工 |         |          |           |     |         |        |            |
|         | 構造物取壊し工 |          |           |     |         |        |            |
|         |         | 構造物とりこわし | 無筋構造物     | m3  | 1.1     | 1      |            |
|         |         | 構造物とりこわし | 石積み       | m3  | 1.1     | 1      |            |
|         |         | 殻運搬      | L=3.7km   | m3  | 1.1     | 1      |            |
|         |         | 土砂等運搬    | 軟岩        | m3  | 1.1     | 1      |            |
|         |         | 処分費      |           | t   | 2.6     | 3      | 1.1m3*2.35 |
|         |         | 処分費      |           | m3  | 1.1     | 1      |            |
| 排水工     |         |          |           |     |         |        |            |
|         | 排水工     |          |           |     |         |        |            |
|         |         | U型側溝据付け  |           | m   | 26.0    | 26     |            |
|         |         | 大型フリーム   | 1200*1000 | 本   | 13.0    | 13     |            |
|         | 暗渠工     |          |           |     |         |        |            |
|         |         | 暗渠排水管据付け | 有孔管φ150   | m   | 30.0    | 30     |            |
| 仮設工     |         |          |           |     |         |        |            |
|         | 仮締切工    |          |           |     |         |        |            |
|         |         | 土のう設置撤去  | 購入土       | 袋   | 3.0     | 3      |            |
|         | 架橋工     |          |           |     |         |        |            |
|         |         | 架橋工      |           | m   | 41.0    | 41     |            |

数量総括表

[illegible]

計第 0 表

藪谷川

土量配分表

発 生 土

|                      |      |
|----------------------|------|
| 掘削工                  |      |
| 機械掘削 C(SE) (礫質土) : = | 11.8 |
| 表土掘削 : =             | 17.8 |
| 床掘工                  |      |
| 機械床掘 E(SE) (礫質土) : = | 57.2 |
| 合計 : $\Sigma C$ =    | 86.8 |

 $0.0 * 0.9 = 0.0$  $86.8 - 0.0 = 86.8$ 

流 用 土

|         |     |
|---------|-----|
| 埋戻 (堤外) |     |
| F u =   | 0.0 |
| 埋戻 (堤内) |     |
| F u =   | 0.0 |
| 流用土合計 = | 0.0 |

|          |      |
|----------|------|
| 残土処分     |      |
| 礫 質 土 =  | 86.8 |
| 大型土のう =  | 6.0  |
| 残土処分合計 = | 92.8 |

計第 2 表

土 工 数 量 計 算 書

| 測 点      | 距 離  | 掘削  |       |       | 床掘り |      |      | 摘 要 |
|----------|------|-----|-------|-------|-----|------|------|-----|
|          |      | 断面  | 平均    | 立積    | 断面  | 平均   | 立積   |     |
| ST. 0    |      | 2.2 | ----- | ----- | 3.1 |      |      |     |
| ST. 3.4  | 3.4  | 1.1 | 1.65  | 5.6   | 3.4 | 3.25 | 11.1 |     |
| ST. 6.0  | 2.6  | 1.1 | 1.10  | 2.9   | 3.1 | 3.25 | 8.5  |     |
| ST. 12.0 | 6.0  | 0.0 | 0.55  | 3.3   | 1.2 | 2.15 | 12.9 |     |
| ST. 18.4 | 6.4  | 0.0 | 0.00  | 0.0   | 1.3 | 1.25 | 8.0  |     |
| ST. 21.0 | 2.6  | 0.0 | 0.00  | 0.0   | 3.5 | 2.40 | 6.2  |     |
| ST. 24.0 | 3.0  | 0.0 | 0.00  | 0.0   | 2.1 | 2.80 | 8.4  |     |
| ST. 26.0 | 2.0  | 0.0 | 0.00  | 0.0   | 0.0 | 1.05 | 2.1  |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
|          |      |     |       |       |     |      |      |     |
| 小 計      | 26.0 |     |       | 11.8  |     |      | 57.2 |     |

計第 2 -2 表

## 土 工

## 数 量 計 算 書

| 測 点      | 距 離   | 表土剥ぎ取り |       |       |    |    |     | 摘 要 |
|----------|-------|--------|-------|-------|----|----|-----|-----|
|          |       | 断面     | 平均    | 立積    | 断面 | 平均 | 立積  |     |
| ST. 0    | ----- | 0.0    | ----- | ----- |    |    |     |     |
| ST. 3.4  | 3.4   | 0.3    | 0.15  | 0.5   |    |    |     |     |
| ST. 6.0  | 2.6   | 0.6    | 0.45  | 1.2   |    |    |     |     |
| ST. 12.0 | 6.0   | 1.8    | 1.20  | 7.2   |    |    |     |     |
| ST. 18.4 | 6.4   | 0.7    | 1.25  | 8.0   |    |    |     |     |
| ST. 21.0 | 2.6   | 0.0    | 0.35  | 0.9   |    |    |     |     |
| ST. 24.0 | 3.0   | 0.0    | 0.00  | 0.0   |    |    |     |     |
| ST. 26.0 | 2.0   | 0.0    | 0.00  | 0.0   |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
|          |       |        |       |       |    |    |     |     |
| 小 計      |       |        |       | 17.8  |    |    | 0.0 |     |

計第 3 表

## 土 工

## 数 量 計 算 書

| 測 点      | 距 離  | 埋戻（処理土） |       |       | 埋戻（碎石）                         |             |      | 摘 要 |
|----------|------|---------|-------|-------|--------------------------------|-------------|------|-----|
|          |      | 断面      | 平均    | 立積    |                                |             |      |     |
| ST. 0    |      | 2.1     | ----- | ----- |                                |             |      |     |
| ST. 3.4  | 3.4  | 1.1     | 1.60  | 5.4   | 1.3                            |             |      |     |
| ST. 6.0  | 2.6  | 2.0     | 1.55  | 4.0   | 2.0                            |             |      |     |
| ST. 12.0 | 6.0  | 1.8     | 1.90  | 11.4  | 0.9                            |             |      |     |
| ST. 18.4 | 6.4  | 1.6     | 1.70  | 10.9  | 1.2                            |             |      |     |
| ST. 21.0 | 2.6  | 1.8     | 1.70  | 4.4   | 0.5                            |             |      |     |
| ST. 24.0 | 3.0  | 2.6     | 2.20  | 6.6   |                                |             |      |     |
| ST. 26.0 | 2.0  | 0.0     | 1.30  | 2.6   |                                |             |      |     |
|          |      |         |       |       | $(1.3+2.0+0.9+1.2+0.5)/5=1.18$ |             |      |     |
|          |      |         |       |       | 1.18                           | ×L=30（河川延長） |      |     |
|          |      |         |       |       |                                | = 35.4      |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
|          |      |         |       |       |                                |             |      |     |
| 小 計      | 26.0 |         |       | 45.3  |                                |             | 35.4 |     |

計第 3 表

## 土 工

## 数 量 計 算 書

| 測 点      | 距 離  | 路体（築堤）盛土 |       |       |  |  |  | 摘 要 |
|----------|------|----------|-------|-------|--|--|--|-----|
|          |      | 断面       | 平均    | 立積    |  |  |  |     |
| ST. 0    |      | 0.0      | ----- | ----- |  |  |  |     |
| ST. 3.4  | 3.4  | 0.0      | 0.00  | 0.0   |  |  |  |     |
| ST. 6.0  | 2.6  | 0.0      | 0.00  | 0.0   |  |  |  |     |
| ST. 12.0 | 6.0  | 2.0      | 1.00  | 6.0   |  |  |  |     |
| ST. 18.4 | 6.4  | 1.0      | 1.50  | 9.6   |  |  |  |     |
| ST. 21.0 | 2.6  | 0.0      | 0.50  | 1.3   |  |  |  |     |
| ST. 24.0 | 3.0  | 0.0      | 0.00  | 0.0   |  |  |  |     |
| ST. 26.0 | 2.0  | 0.0      | 0.00  | 0.0   |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
|          |      |          |       |       |  |  |  |     |
| 小 計      | 26.0 |          |       | 16.9  |  |  |  |     |

計第 3 表

## 土 工

## 数 量 計 算 書

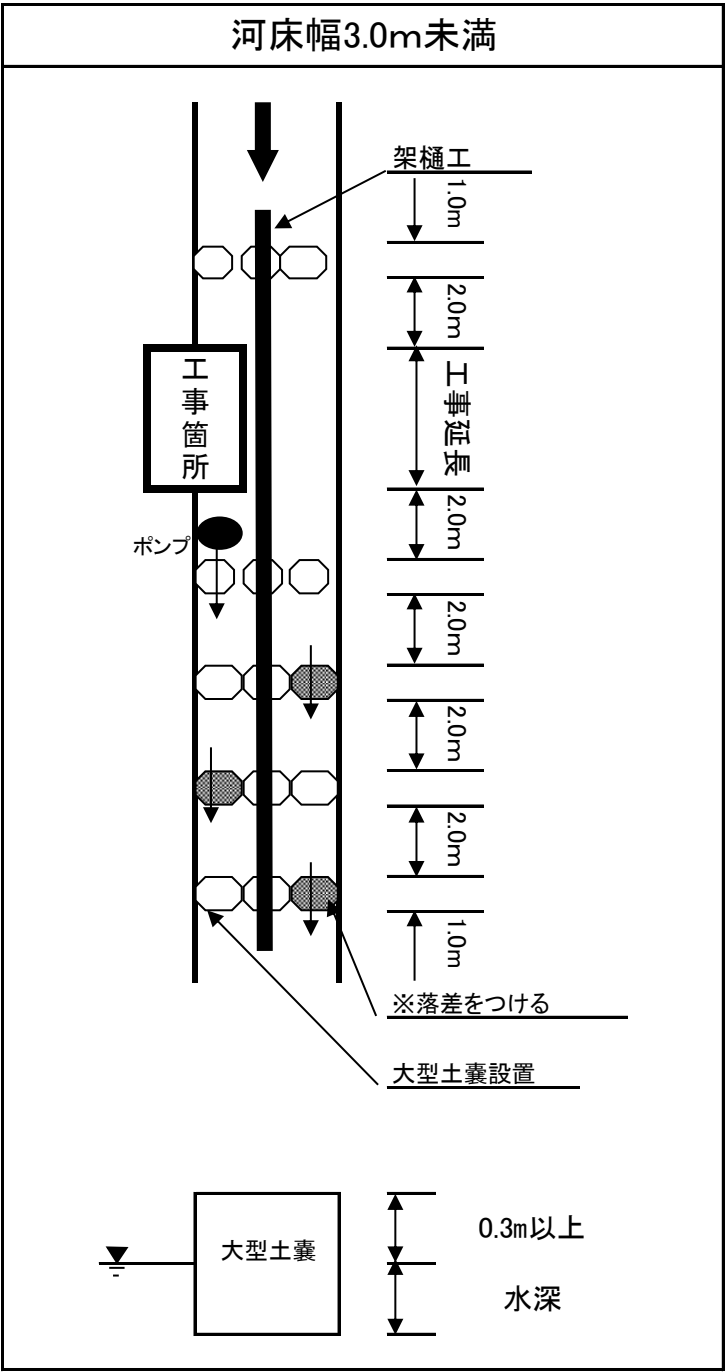
| 測 点 | 距 離  | 構造物とりこわし（無筋構造物） |        |        | 構造物とりこわし（石積み） |        |        | 摘 要 |
|-----|------|-----------------|--------|--------|---------------|--------|--------|-----|
|     |      |                 |        |        | 断面            | 平均     | 立積     |     |
|     |      |                 |        |        |               |        |        |     |
| 上流部 |      | L=2.0m          | h=0.9m | w=0.2m | L=2.6m        | h=1.4m | w=0.3m |     |
|     |      | 2.0*0.9*0.2=    |        | 0.36   | 2.6*1.4*0.3=  |        | 1.1    |     |
|     |      |                 |        |        |               |        |        |     |
|     |      | L=2.8m          | h=0.9m | w=0.3m |               |        |        |     |
|     |      | 2.8*0.9*0.3=    |        | 0.76   |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      | 0.36+0.76=      |        | 1.1    |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
|     |      |                 |        |        |               |        |        |     |
| 小 計 | 24.6 |                 |        | 1.1    |               |        | 1.1    |     |



大型土のう等数量計算書（河床幅 3 m未満）

Ver.H30.08.01

|         |      |   |         |
|---------|------|---|---------|
| 上流平均水深： | 1.0  | m | ※終点側水深  |
| 上流河床幅：  | 1.2  | m | ※終点側河床幅 |
| 下流平均水深： | 0.8  | m | ※起点側水深  |
| 下流河床幅：  | 0.9  | m | ※起点側河床幅 |
| 工事延長：   | 26.0 | m |         |



● 仮締切工

- ・ 河床幅3.0m未満の場合

$$\begin{aligned}\text{袋数 : } N &= (\text{上流河床幅} \times (\text{上流水深} + 0.3) + \text{下流河床幅} \times (\text{下流水深} + 0.3)) \div (1.08 \times 1.10) \\ &= (1.2 \times (1.0 + 0.3) + 0.9 \times (0.8 + 0.3)) \div (1.08 \times 1.10) \\ &= 2.15 \\ &\quad \div 2.2 \text{ 個}\end{aligned}$$

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● 沈砂池

- ・ 河床幅3.0m未満の場合

$$\begin{aligned}\text{袋数 : } N &= \text{河床幅} \times 3 \div (1.08 \times 1.10) \\ &= 0.9 \times 3 \div (1.08 \times 1.10) \\ &= 2.27 \\ &\quad \div 2.3 \text{ 個}\end{aligned}$$

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● 架樋工

- ・ 河床幅3.0m未満の場合のみ

$$\begin{aligned}\text{延長 : } L &= 1 + 2 + \text{工事延長} + 2 + 1 + 2 + 1 + 2 + 1 + 2 + 1 \\ &= 1 + 2 + 26.0 + 2 + 1 + 2 + 1 + 2 + 1 + 2 + 1 \\ &= 41 \\ &\quad = 41 \text{ m}\end{aligned}$$

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## 敷鉄板賃料等算出根拠

工事用道路延長: **30.0** (m)

11  
工事用道路幅員: **3** (m)

工事用道路面積: **90.0** (m<sup>2</sup>)

2.8 22 × 1,524 × 3,048 , 4.6 (m<sup>2</sup>/枚) , 802 (kg/枚)

○借用する敷鉄板枚数

$$90.0 \div 1.524 \times 3.048 = 19.4 \div 20 \text{ 枚}$$

**20** 枚

○運搬重量

$$20 \text{ 枚} \times 802 \text{ kg/枚} = 16,040 \text{ kg}$$

$$= \underline{\underline{16.0}} \text{ t}$$

○敷鉄板供用日数 (参 I-1-2) P4)

$$(\text{実作業日数}) \times (\text{割増係数}) = (\text{供用日数})$$

$$\underline{\underline{4.5}} \text{ 日} \times 1.8 = \underline{\underline{9}} \text{ 日}$$