Project Cost Estimate

These unit costs are estimates based on the information obtained from an actual AK DOT & PF design report and reports from other state DOTs. The costs are given for the year of the road construction.

**1. RIGHT-OF-WAY PREPARATION (REMOVAL OF STRUCTURES AND OBSTRUCTIONS)**

|  |  |  |
| --- | --- | --- |
| DESCRIPTION | UNIT | AVE. PRICE |
| Present structure removal | All | 20,000.00 |
| Clearing and grubbing | acre\* | 2,500.00 |

\*1 acre = 43560 sq ft

**2. EARTHWORK**

|  |  |  |
| --- | --- | --- |
| DESCRIPTION | UNIT\* | AVE. PRICE |
| Unclassified Excavation (Cut) | yard3 | 7.0 |
| Foundation Fill (Fill) | yard3 | 37.0 |
| Borrow (earthen materials from outside) | yard3 | 5.0 |
| Overhaul materials from borrow and to waste site (away from the construction site) | yard3 | 20.0 |

\* 1 yard3 = 27 ft3

**3. PAVEMENT COSTS (New Construction)**

|  |  |  |
| --- | --- | --- |
| MATERIAL | UNIT | AVE. PRICE |
| Wearing Surface (Asphalt Concrete 2”) | yard2 | 13.0 |
| Base (Asphalt treated base 3”) | yard2 | 14.0 |

**4. SHOULDER TREATMENT (New Construction)**

|  |  |  |
| --- | --- | --- |
| MATERIAL | UNIT | AVE. PRICE |
| Shoulder treatment (Asphalt treated base 3”) | yard2 | 14.0 |

**5. Guardrail**

|  |  |  |
| --- | --- | --- |
| MATERIAL | UNIT | AVE. PRICE |
| Steel | ft | 58.0 |