



| ESTIMATE OF QUANTITIES |                                               |       |           |           |        |
|------------------------|-----------------------------------------------|-------|-----------|-----------|--------|
| ITEM                   | DESCRIPTION                                   | UNIT  | QUANTITY  |           |        |
|                        |                                               |       | EASTBOUND | WESTBOUND | TOTAL  |
| 107                    | STRUCTURE EXCAVATION                          | CY    | 549       | 606       | 1155   |
| 204                    | 510 BASE OF CRUSHED ROCK (incl. 4" Aggregate) | CY    | 112       | 134       | 246    |
| 4618                   | BIT CONCRETE PAVT (incl. Aggregate) 5" Thick  | Sq Yd | 52        | 11        | 63     |
| 4018                   | CLASS B CONCRETE (incl. Aggregate) 5" Thick   | CY    | 272       | 253       | 525    |
| 402                    | REINFORCING STEEL (incl. Reinforcing Bars)    | L.B.  | 11,531    | 6,705     | 18,236 |
| 403                    | SPIRAL REINFORCEMENT (2" Dia)                 | L.B.  | 1,500     | 1,400     | 2,900  |
| 404A                   | STRUCTURAL STEEL                              | L.B.  | 11,531    | 6,705     | 18,236 |
| 402B                   | TREATED WOOD PILING                           | L.F.  | 1,500     | 1,400     | 2,900  |
| 556C                   | GRANITE BRIDGE CURBS (incl. Approach Slab)    | L.F.  | 1,500     | 1,400     | 2,900  |
| 572                    | RAILROAD RAILING                              | L.F.  | 1,500     | 1,400     | 2,900  |
| 207                    | ASPHALTIC PAVING COATING                      | SQ    | 1,500     | 1,400     | 2,900  |
| 51                     | Excavation Costs for Drilling                 | L.F.  | 1,500     | 1,400     | 2,900  |
| 51                     | Excavation Costs for Drilling                 | L.F.  | 1,500     | 1,400     | 2,900  |

### GENERAL NOTES

1. All materials and construction shall conform to the State of Vermont List of Highway Standard Specifications for Road and Bridge Construction dated Jan. 1956 and the AASHTO Standard Specifications dated 1936, designed for M-10, 1944, the listing adopted by National System of Interstate Highways applied in accordance with its provisions or the AASHTO Standard Specifications, Part 2.2.5.
2. Where rock is encountered, no cuttings shall be exposed and stabilization in the adjacent area has been completed.
3. All beams, stringers, crossmembers and bracing have been covered by a continuous fire-retardant lumber treated in accordance with the code.
4. All beams shall be painted to a fire-retardant finish, shall be long enough and the bracing shall be adequate to meet the design as shown on contract plans.
5. Final coat of field paint shall be black unless otherwise directed by the Engineer.
6. All stations referred to Interstate Base Line between the two roadways.
7. All dimensions given are measured horizontally, or vertically unless noted.
8. All reinforcing to have a clear cover of 3" unless noted.
9. All exposed surfaces of concrete shall be finished "f" unless noted.
10. Borings indicated on the drawings have been made for design purposes only and are not warranted to show actual subsurface conditions.
11. Elevation Datum: Sea Level based on Bench Line USGS Survey Level Line Vermont 25 (Second Order).
12. Where Piles are driven in fill, the material shall be such as to have no spaces large enough to interfere with the driving of Piles.
13. Cross slope of approach shall conform with cross slope of roadway.
14. Piling shall not be spaced without written approval of the Engineer.
15. The top surfaces of all piers and abutts shall be sloped 5:1 from the back edge of abutts or 2:1 on a pier except the bearing walls and wing walls or more above the general area which curbside shall be level. These sloping surfaces shall be covered with suitable materials, covering which shall not obstruct or impede and be covered as against the wind.

## LIST OF EXAMPLES

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IR DECK (17)  
I-89, BR #45 N45  
THIS SHEET FOR  
INFORMATION ONLY

MIDDLESEX - WATERBURY  
ST-IM 089-2(42)  
SHEET 11 OF 25  
BRIDGES 45 N & S  
FOR REFERENCE ONLY