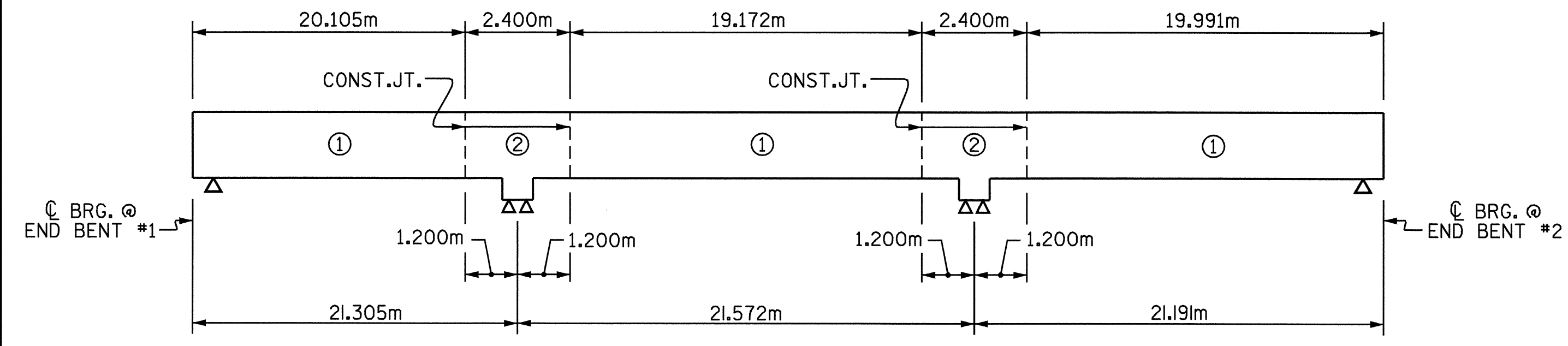


3 SPANS

POURING SEQUENCE-PRESTRESSED CONCRETE SUPERSTRUCTURE

(CONTINUOUS FOR LIVE LOAD)

NOTE : * ALL DIMENSIONS ARE ARC LENGTHS MEASURED ALONG CONTROL LINE (RIGHT LANE)

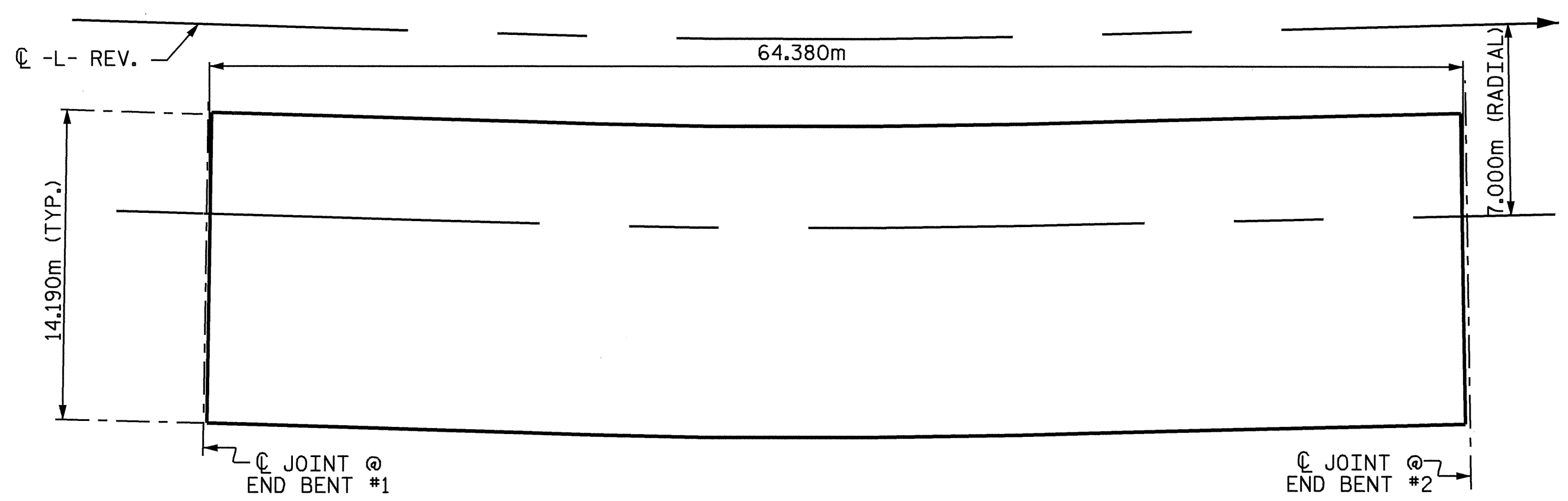


KEY

OPTIONAL POURING SEQUENCE-PRESTRESSED CONCRETE SUPERSTRUCTURE

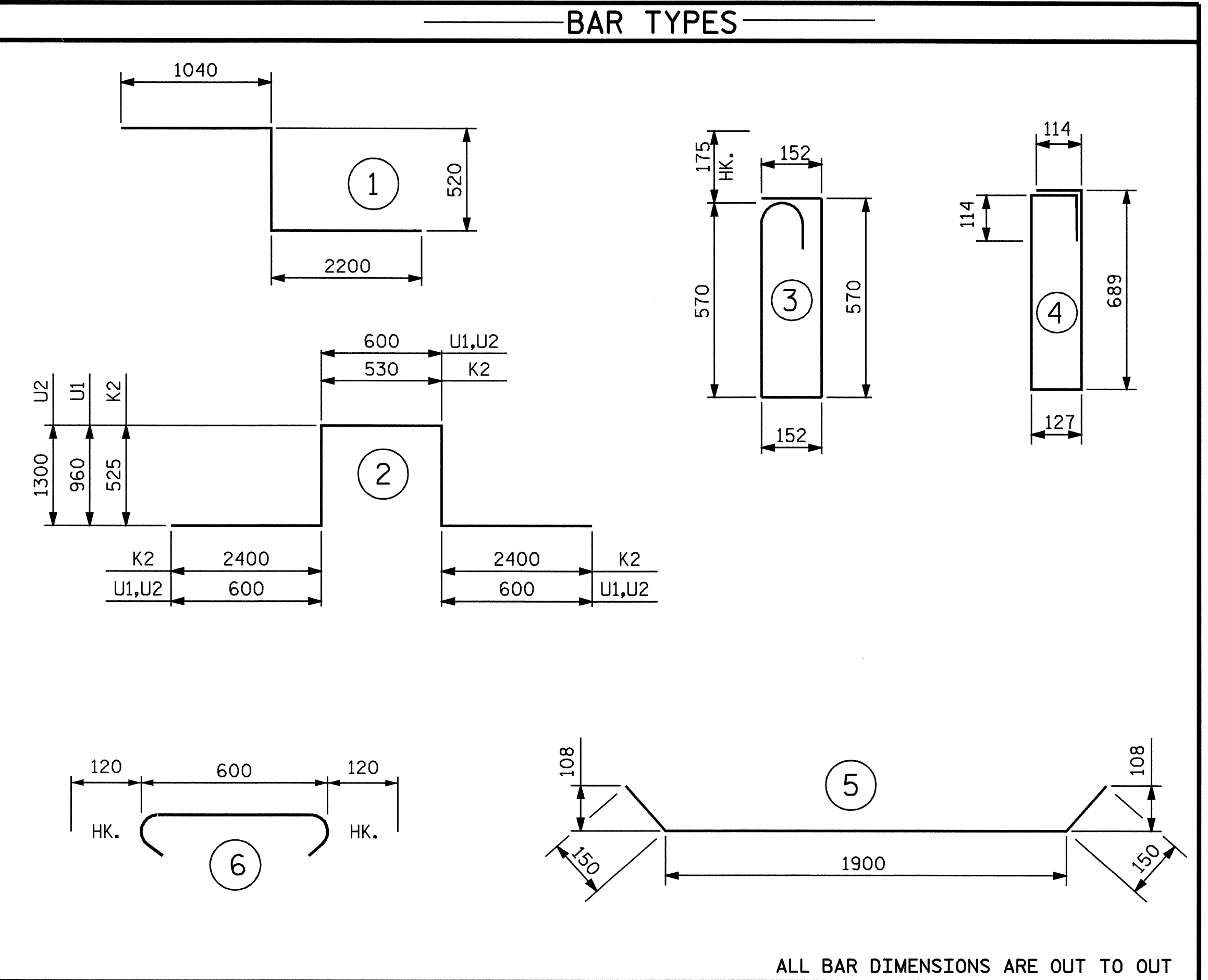
(CONTINUOUS FOR LIVE LOAD)

NOTE : * ALL DIMENSIONS ARE ARC LENGTHS MEASURED ALONG CONTROL LINE (RIGHT LANE)



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. M. = 913.5)

| BILL OF MATERIAL | | | | | |
|------------------|-----|------|------|--------|--------|
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| *A1 | 353 | 16 | STR | 14080 | 7714 |
| A2 | 353 | 16 | STR | 14080 | 7714 |
| *A101 | 1 | 16 | STR | 11900 | 18 |
| *A102 | 1 | 16 | STR | 8900 | 14 |
| *A103 | 1 | 16 | STR | 5900 | 9 |
| *A104 | 1 | 16 | STR | 2900 | 5 |
| *A105 | 1 | 16 | STR | 10880 | 17 |
| *A106 | 1 | 16 | STR | 6620 | 10 |
| *A107 | 1 | 16 | STR | 2360 | 4 |
| A201 | 1 | 16 | STR | 11900 | 18 |
| A202 | 1 | 16 | STR | 8900 | 14 |
| A203 | 1 | 16 | STR | 5900 | 9 |
| A204 | 1 | 16 | STR | 2900 | 5 |
| A205 | 1 | 16 | STR | 10880 | 17 |
| A206 | 1 | 16 | STR | 6620 | 10 |
| A207 | 1 | 16 | STR | 2360 | 4 |
| *B1 | 128 | 13 | STR | 7700 | 980 |
| *B2 | 64 | 22 | STR | 16000 | 3115 |
| *B3 | 62 | 22 | STR | 6600 | 1245 |
| *B4 | 32 | 13 | STR | 8400 | 267 |
| B5 | 184 | 16 | STR | 16500 | 4712 |
| *K1 | 8 | 25 | 1 | 3760 | 120 |
| *K2 | 16 | 25 | 2 | 6380 | 406 |
| K3 | 30 | 16 | STR | 2100 | 98 |
| K4 | 30 | 16 | 5 | 2200 | 102 |
| K5 | 20 | 13 | STR | 1500 | 30 |
| K6 | 40 | 13 | STR | 1980 | 79 |
| K7 | 20 | 13 | STR | 2220 | 44 |
| K8 | 16 | 13 | STR | 6540 | 104 |
| *S1 | 70 | 16 | 3 | 1620 | 176 |
| S2 | 105 | 13 | 4 | 1860 | 194 |
| S3 | 190 | 13 | 6 | 840 | 159 |
| U1 | 20 | 13 | 2 | 3720 | 74 |
| U2 | 50 | 13 | 2 | 4400 | 219 |



ALL BAR DIMENSIONS ARE OUT TO OUT

| SUPERSTRUCTURE BILL OF MATERIAL | | | | | |
|-----------------------------------------|----|----|---|------|-----|
| REINFORCING STEEL = 13606 LBS | | | | | |
| * EPOXY COATED REINF. STEEL = 14100 LBS | | | | | |
| * THESE BARS ARE EPOXY COATED. | | | | | |
| U1 | 20 | 13 | 2 | 3720 | 74 |
| U2 | 50 | 13 | 2 | 4400 | 219 |

| CLASS AA CONCRETE | REINFORCING STEEL | | | EPOXY COATED REINFORCING STEEL |
|-------------------|-------------------|---------|---------|--------------------------------|
| | (CU. YDS.) | | | |
| | POUR #1 | POUR #2 | POUR #3 | |
| SPANS A, B, & C | 82.3 | 97.9 | 108.6 | 13606 |
| TOTALS** | 288.5 | | | 14100 |

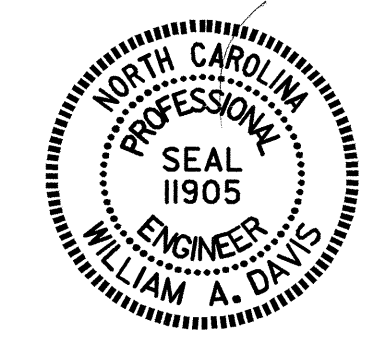
** QUANTITIES FOR PARAPET ARE NOT INCLUDED

| GROOVING BRIDGE FLOOR | |
|-----------------------|-------------|
| APPROACH SLABS | 186.9 SQ. M |
| SUPERSTRUCTURE | 789.3 SQ. M |
| TOTAL | 976.2 SQ. M |

| SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS | | | | | |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------|----------------|----------|--------------------------|
| BAR SIZE | SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL | | APPROACH SLABS | | PARAPET AND BARRIER RAIL |
| | EPOXY COATED | UNCOATED | EPOXY COATED | UNCOATED | |
| #13 | 610 | 540 | 610 | 540 | 840 |
| #16 | 770 | 660 | 770 | 660 | 1050 |
| #19 | 920 | 790 | 1190 | 790 | 1330 |
| #22 | 1580 | 1060 | — | — | — |
| #25 | 2080 | 1390 | — | — | — |

ALL DIMENSIONS ARE IN MILLIMETERS

PROJECT NO. R-2562C
BLADEN COUNTY
STATION: 178+79.500 -L-REV.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD SUPERSTRUCTURE BILL OF MATERIAL (RIGHT LANE)

| REVISIONS | | | | SHEET NO. | |
|-----------|-----|-------|-----|-----------|-------|
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |

TOTAL SHEETS: 68