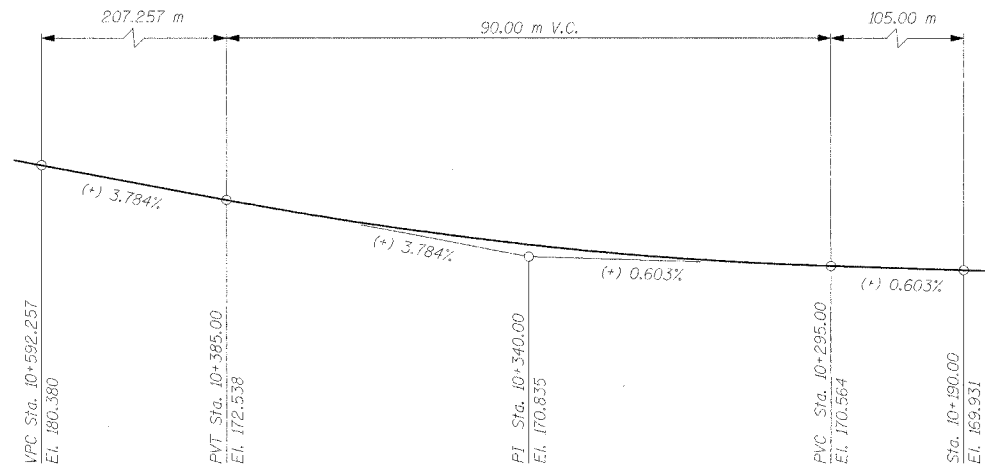


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|-----------------------|-----------|-------------------|--------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A.I. 74 | (72-7)R-3 | PEORIA | 1360 | 1040 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. 2
OF 10 SHEETS

Contract No. 68200



B PROFILE GRADE OF RAMP C-3

| PROPOSED HORIZONTAL CURVE DATA | |
|--------------------------------|---------------|
| CURVE NO. | 332 |
| ALIGNMENT | RAMP C-3 |
| DESIGN SPEED | 80 km/h |
| P.I. STA. | 10+356.775 |
| R (m) | 1293.773 |
| T (m) | 113.756 |
| L (m) | 226.928 |
| E (m) | 4.991 |
| S.F. | 2.70% |
| TRANSITION IN | 10+238-10+245 |
| TRANSITION OUT | 10+466-10+478 |
| P.C. STA. | 10+243.019 |
| P.T. STA. | 10+469.948 |

GENERAL NOTES

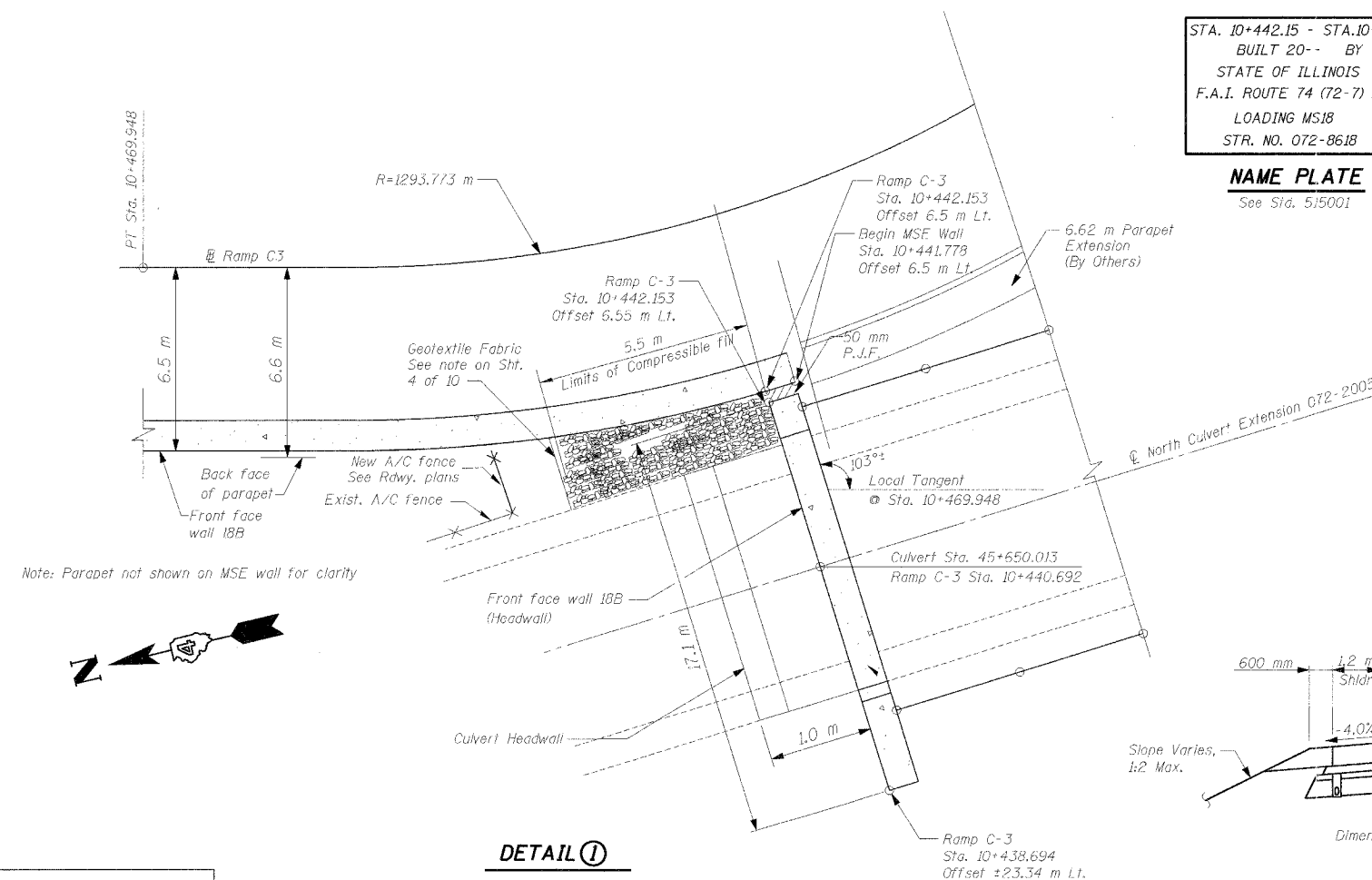
- The Contractor shall coordinate and verify all drainage and roadway information with corresponding plans before beginning construction.
- Reinforcement bars shall conform to the requirements of AASHTO M31M or M322M Grade 400.
- All dimensions are in millimeters unless noted otherwise.
- The geosynthetic material serving as the sacrificial facing shall be protected from ultraviolet deterioration prior to the placement of the CIP concrete facing.
- Sawed contraction joints shall be placed in the anchorage slab to radially match the transverse joints in the pavement. See Std. 483001 & 420001-03 for contraction and expansion joint details in anchorage slab. Parapet joints shall be located at every other sawed anchorage slab joint. Parapet contraction joints shall be aluminum sheeled full height if cast-in-place, saw-cut full height if slip formed.
- CIP wall panels to be designed by Contractor and included in Mechanically Stabilized Earth Retaining Wall with CIP facing. See Special Provisions.
- Maximum applied bearing pressure = 259 kPa
- All construction joints shall be bonded.
- Plan dimensions and details relative to existing structure have been taken from existing structure plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- The CIP facing shall not be placed until all sacrificial fascia elements, within the limits of the pour, have been erected and allowed to settle for at least thirty calendar days, unless otherwise indicated on the plans.

STA. 10+442.15 - STA. 10+575
BUILT 20-- BY
STATE OF ILLINOIS
F.A.I. ROUTE 74 (72-7) R-3
LOADING MS18
STR. NO. 072-8618

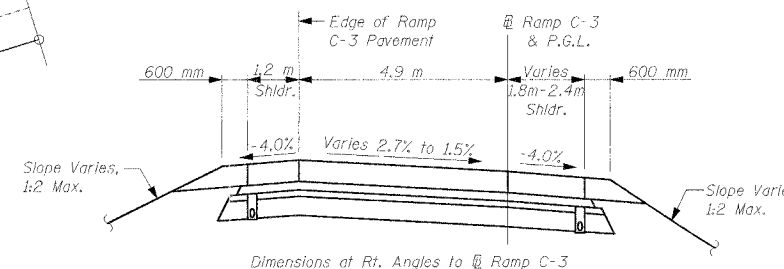
NAME PLATE
See Sid. 515001

TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|---|----------------|--------|
| Name Plates | Each | 1 |
| Reinforcement Bars, Epoxy Coated | kg | 12,430 |
| Concrete Superstructure | m ³ | 40.8 |
| Concrete Structures | m ³ | 137.9 |
| Structure Excavation | m ³ | 7.119 |
| French Drains | m ³ | 26 |
| Form Liner Grid and Fin Surface | m ² | 606.5 |
| Mechanically Stabilized Earth Retaining Walls with Cast-In-Place Facing | m ² | 727.4 |
| Compressible Fill Material | m ³ | 33 |
| Woep Holes Cored | Each | 45 |



DETAIL ①



RAMP C-3 SECTION
Looking North

**GENERAL NOTES, DESIGN DATA AND
TOTAL BILL OF MATERIALS
RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+442.15 TO STA. 10+575 (RAMP C-3)
STRUCTURE NUMBER 072-8618 - WALL 18B**

| | |
|----------|-----|
| DESIGNED | GEK |
| CHECKED | |
| DRAWN | GEK |
| CHECKED | |



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