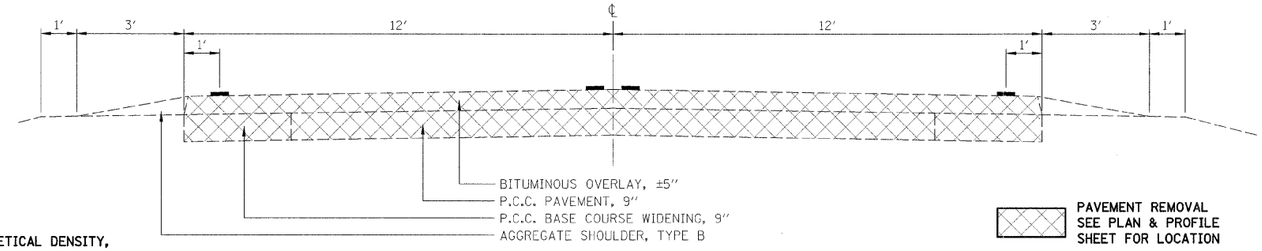
CONTRACT NO. 66717

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 338 | 33 BR-1 | IROQUOIS | 27 | 4 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

| | HMA BINDER | HMA SURFACE | HMA SHOULDERS |
|---|---|---|---|
| PG GRADE | PG58-22 | PG64-22 | PG58-22 |
| MAX % RAP ALLOWABLE•• | 25% | 15% | 50% |
| DESIGN AIR VOIDS | 4.0% @ N50 | 4.0% @ N50 | 3.0% @ N50 |
| MIXTURE COMPOSITION | IL 19.0 | IL 12.5 OR IL 9.5 | IL 19.0 |
| FRICTION AGGREGATE | - | MIXTURE C | - |
| DENSITY CONTROL METHOD | NUCLEAR/ CORES | NUCLEAR/ CORES | • |

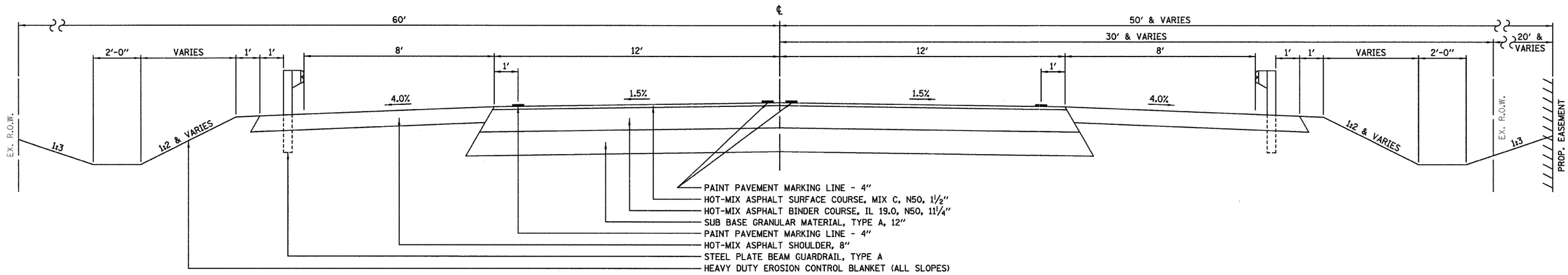
- MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE, THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

•• IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.




## EXISTING TYPICAL CROSS SECTION

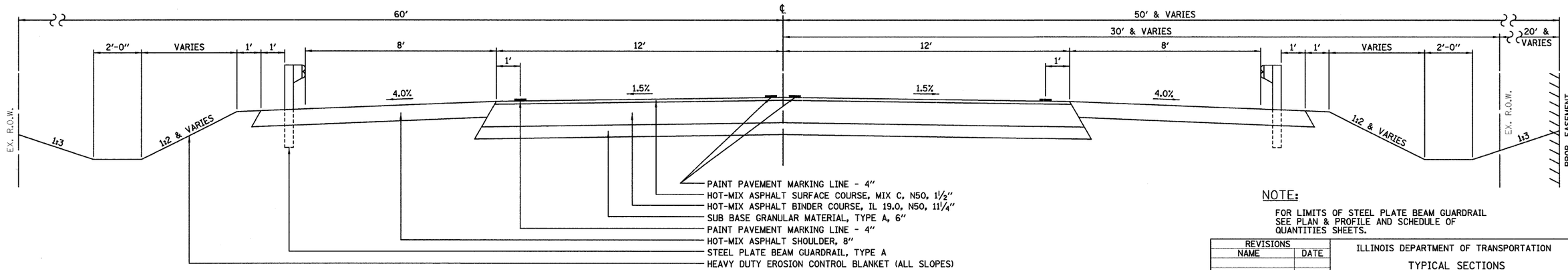
F.A.P. 338 (US 45)




## PROPOSED TYPICAL CROSS SECTION

F.A.P. 338 (US 45)

STA 2370+95 TO STA 2372+76
STA 2373+04 TO STA 2373+89




## PROPOSED TYPICAL CROSS SECTION

F.A.P. 338 (US 45)

STA 2372+76 TO STA 2373+04

NOTE:

FOR LIMITS OF STEEL PLATE BEAM GUARDRAIL SEE PLAN & PROFILE AND SCHEDULE OF QUANTITIES SHEETS.

| REVISIONS NAME | DATE |
|---|---|
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

F.A.P. 338 (US 45)
OVER A DITCH
SECTION 33 BR-1
IROQUOIS COUNTY

DRAWN BY: DJM
DATE: 12/07/07 CHECKED BY: MSW

FARNSWORTH GROUP, INC. CONSULTING ENGINEERS - 2709 MCGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / (309) 663-1571 FAX