

SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE: 0010

| CODE | DESCRIPTION | UNIT | QUANTITY |
|------------|--|-------|----------|
| 20300100 | CHANNEL EXCAVATION | CY | 100 |
| 25100630 | EROSION CONTROL BLANKET | SY | 700 |
| 28100109 | STONE RIP RAP, CL A5 | SY | 505 |
| 28200200 | FILTER FABRIC | SY | 505 |
| 40200800 | AGGREGATE SURFACE COURSE, TY B | TON | 70 |
| 40600275 | BITUMINOUS MATERIALS (PRIMECOAT) | LBS | 1816 |
| 40604050 | HOT MIX ASPHALT SC, IL 9.5, MIX C, N50 | TON | 250.150 |
| 44000100 | PAVEMENT REMOVAL | SY | 787 |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 37 |
| 50100100 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 |
| 50200100 | STRUCTURE EXCAVATION | CY | 356.8 |
| 50300225 | CONCRETE STRUCTURES | CY | 142.2 |
| 50400405 | P P CONC DECK BM 21" DP | SQ FT | 2800 |
| 50800205 | REINFORCEMENT BARS, EPOXY COAT | LBS | 10,770 |
| * 50901050 | STEEL RAILING, TYPE SM | FT | 204 |
| 51200959 | FURNISH METAL SHELL PILES 14"X0.312 | FT | 805 |
| 51202305 | DRIVING PILES | FT | 805 |
| 51203200 | TEST PILE METAL SHELL | EACH | 4 |
| 51500100 | NAME PLATE | EACH | 1 |
| 54390180 | INSERTION CULVERT LINER 24" | FOOT | 63 |
| 54390230 | INSERTION CULVERT LINER 36" | FOOT | 78 |
| 58100210 | FULL LANE SEALANT WATERPROOF SY | SY | 317 |
| 58600101 | GRANULAR BACKFILL FOR STRUCTURE | CY | 48 |
| 59100100 | GEOCOMPOSITE WALL DRAIN | SY | 50 |
| 60146304 | PIPE UNDERDRAINS FOR STR. 4" | FOOT | 100 |
| 67100100 | MOBILIZATION | LS | 1 |
| * 72501000 | TERMINAL MARKER - DIRECTLY APPLIED | EACH | 4 |
| X2020410 | EARTH EXCAVATION (SPECIAL) | CY | 60 |
| X2501000 | SEEDING CLASS 2 (SPECIAL) | ACRE | 0.15 |
| X6081000 | FLAP GATE (SPECIAL) | EACH | 2 |
| X7010216 | TRAF CONTR & PROTECTION (SPECIAL) | LS | 1 |
| Z0013798 | CONSTRUCTION LAYOUT | LS | 1 |

* SPECIALTY ITEM

KNOWN UTILITIES WITHIN PROJECT AREA

| UTILITY | CONTACT | PHONE NUMBER |
|--|-----------------|--------------|
| COMED | TERRY ROSENBERG | 224-477-6327 |
| FRONTIER | JOHN GILLOT | 815-780-7570 |
| INLET SWAMP DRAINAGE DISTRICT (MANAGES LEVEES) | | |
| | RAY DEHOTEL | 815-503-3795 |

BENCHMARKS

- BM 1 - NAIL IN POWER POLE SE OF BRIDGE (ON NAIL SHAFT)
ELEVATION: 756.11
- BM 2 - CROSS IN CONCRETE BRIDGE CURB IN SE CORNER OF BRIDGE
ELEVATION: 762.57
- BM 3 - CROSS IN CONCRETE BRIDGE CURB IN NE CORNER OF BRIDGE
ELEVATION: 762.58
- BM 4 - NAIL IN POWER POLE NE OF BRIDGE (ON NAIL SHAFT)
ELEVATION: 758.48



GENERAL NOTES

1. THE LATEST "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE CURRENT "SUPPLEMENTAL AND RECURRING SPECIAL PROVISIONS", THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AND THE "MANUAL OF TEST PROCEDURES OF MATERIALS" IN EFFECT AT THE TIME OF INVITATIONS TO BID, SHALL APPLY TO THIS PROJECT. ANY CONFLICT BETWEEN ANY PART(S) OF THE SPECIFICATIONS, THE HIERARCHY OF CONSTRUCTION DOCUMENTS SHALL FOLLOW THE ORDER SHOWN IN ARTICLE 105.05 OF THE STANDARD SPECIFICATIONS.
2. PRIOR TO ANY WORK BEING PERFORMED, THE LEE COUNTY HIGHWAY DEPARTMENT (PHONE: 815-857-4141) SHALL BE GIVEN A MINIMUM OF 48 HOUR NOTICE BEFORE OF THE START OF WORK. FAILURE TO DO SO MAY RESULT IN PENALTIES ON WORK PERFORMED UP TO 48 HOURS AFTER NOTICE WAS GIVEN INCLUDING: 1. REFUSAL OF PAYMENT FOR SAID WORK. 2. DEDUCTIONS OF PAYMENT TO THE CONTRACTOR. 3. REMOVAL OF AND RECONSTRUCTION OF SAID WORK, AT THE CONTRACTOR'S EXPENSE.
3. IF THE WORK REQUIRES A ROAD CLOSURE, THE CONTRACTOR SHALL NOTIFY THE LEE COUNTY SHERIFF'S OFFICE (PHONE: 815-284-6631) OF THE CLOSURE A MINIMUM 48 HOURS PRIOR TO CLOSING THE ROAD.
4. THE CONTRACTOR IS HEREBY NOTIFIED THAT WHILE THE HIGHWAY DEPARTMENT HAS MADE A GOOD FAITH EFFORT TO IDENTIFY AND SHOW ALL UTILITIES ON THESE PLANS, THE DEPARTMENT CANNOT GUARANTEE THAT ALL UTILITIES ARE SHOWN.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES MARKED ON THE JOBSITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO ENSURE THAT THE UTILITY MARKS REMAIN VISIBLE THROUGHOUT THE CONSTRUCTION PERIOD. FOR UTILITY LOCATING, CALL JULIE AT 811 OR 1-800-892-0123 AT LEAST 2 BUSINESS DAYS PRIOR TO STARTING WORK.
6. ANY UTILITY THAT IS IN THE WAY OF THE IMPROVEMENT SHALL BE MOVED BY THE UTILITY'S OWNER (OR DESIGNATED AGENT) PRIOR TO CONSTRUCTION AND SHALL NOT BE APART OF THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITY TO MAKE THE NECESSARY ADJUSTMENTS PRIOR TO CONSTRUCTION.
7. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES (INCLUDING FIELD TILES) AS SHOWN ON THESE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING OPERATIONS NEAR THEM TO PREVENT DAMAGE.
8. THE CONTRACTOR SHALL ENSURE THAT ALL STREAMS, STORM SEWERS, PIPE, DRAIN AND TILES FLOWS SHALL BE MAINTAINED THROUGHOUT THE PROJECT UNLESS OTHERWISE STATED IN THESE PLANS, THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
9. IF FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.
10. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS ENCOUNTERED, UNTIL AN OWNER, AUTHORIZED AGENT, OR AN ILLINOIS LICENSE SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS, UNLESS

- REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
11. TREES LESS THAN 6" IN DIAMETER HAVE NOT BEEN SHOWN ON THESE PLANS. ANY TREE(S) THAT ARE LESS THAN 6" AND ARE TO BE REMOVED, THE COST OF THE REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE OF EARTH EXCAVATION (SPECIAL) UNLESS OTHERWISE NOTED IN THESE PLANS OR IN THE SPECIAL PROVISIONS.
 12. THE FINAL TOP 4" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE ABLE TO SUPPORT VEGETATION COMPLYING WITH SECTION 211 OF THE STANDARD SPECIFICATIONS.
 13. EXISTING MAILBOXES, STREET SIGNS, TRAFFIC SIGNS AND OTHER OBJECTS DESIGNATED BY THE ENGINEER THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. THE COST OF REMOVING AND RESETTING SHALL BE INCLUDED IN THE UNIT COST OF EARTH EXCAVATION UNLESS OTHERWISE SHOWN IN THESE PLANS OR THE SPECIAL PROVISIONS.
 14. CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE ENGINEER GRANTS PERMISSION TO REMOVE THEM.
 15. THE CONTRACTOR SHALL REGULARLY INSPECT THE TRAFFIC CONTROL DEVICES AT LEAST ONCE A WEEK, TO INSURE THAT ALL REQUIRED DEVICES ARE VISIBLE TO DRIVERS AND IN GOOD WORKING ORDER. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY MAKE ARRANGEMENTS TO HAVE THEM CORRECTED AS SOON AS POSSIBLE. IF DETERMINED NECESSARY BY THE ENGINEER, FURTHER INSPECTION REQUIREMENTS MAY BE MODIFIED OR ADDED AT HIS/HER DISCRETION. THE ENGINEER SHALL BE THE FINAL JUDGE ON WHETHER A TRAFFIC CONTROL DEVICE IS VISIBLE AND IN GOOD WORKING ORDER.
 16. UNLESS STATED OTHERWISE IN THESE PLANS, IN THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE FLAGGERS WHENEVER A TRAFFIC LANE(S) CLOSURE IS REQUIRED. FLAGGERS ARE NOT REQUIRED IF THE ADJACENT ROADWAY IS CLOSED TO ALL TRAFFIC.
 17. ALL EROSION CONTROL MEASURES PROPOSED FOR THIS PROJECT, UNLESS OTHERWISE STATED IN THESE PLANS, IN THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER, SHALL BE INSTALLED PRIOR TO ANY ACTIVITIES THAT DISTURB SOIL AREAS.
 18. ALL DISTURBED AREAS, UNLESS OTHERWISE STATED IN THESE PLANS, IN THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER, SHALL BE SEEDED TO THE SATISFACTION OF THE ENGINEER.
 19. SHOULD A DISCREPANCY BE FOUND IN THESE PLANS OR IN THE SPECIAL PROVISIONS, THE ISSUE SHOULD BE BROUGHT TO THE ENGINEER IMMEDIATELY. THE ENGINEER SHALL THEN MAKE A DETERMINATION ON HOW TO PROCEED.
 20. EXCEPT WHEN REQUIRED BY THESE PLANS OR DIRECTED BY THE ENGINEER; OPENING OF THE CREEK BERMS, PLACING OF MATERIAL WITHIN THE BERMS THAT MAY RESTRICT THE CHANNEL, OR TEMPORARY CROSSINGS OF THE CREEK WILL NOT BE PERMITTED.

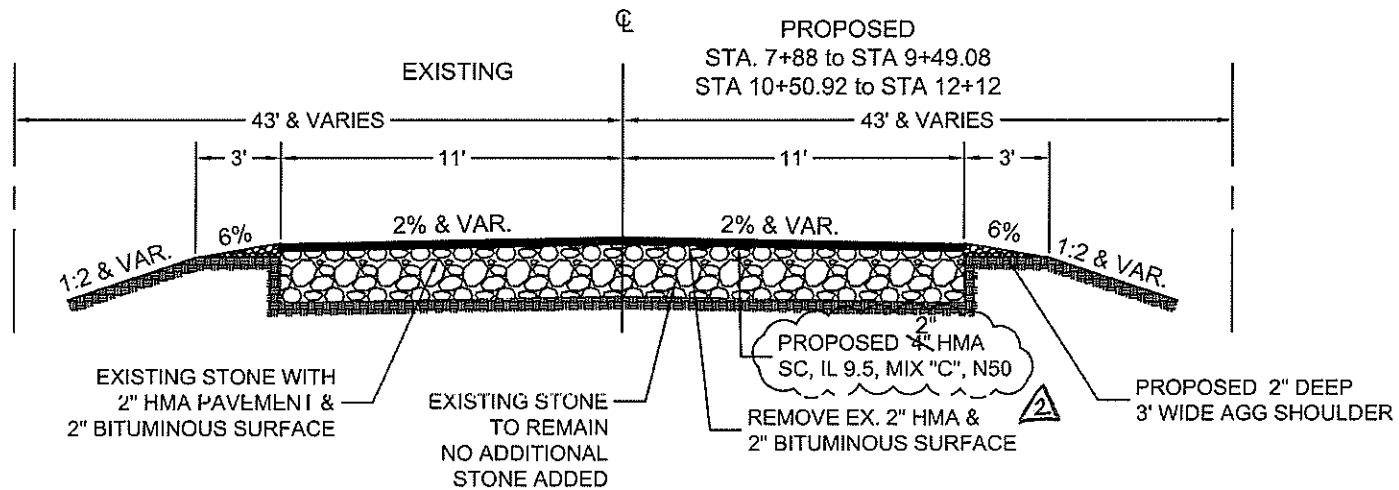
JULIE LOCATION INFO
COUNTY: LEE
TOWNSHIP: 38N, R1E
SECTION #: 17 (W) & 18 (E)



| BROOKLYN BRIDGE 22-00351-00-BR | | REVISIONS | |
|-----------------------------------|------------------|-------------------|-------------------|
| | | DATE | REVISION MADE |
| GENERAL NOTES | | 2/20/2025 | PER IDOT COMMENTS |
| | | 2/25/2025 | PER IDOT COMMENTS |
| | | 4/10/2025 | PER IDOT COMMENTS |
| SHEET NO. 2 OF 21 | | | |
| DATE: 11/13/2024 | DRAWN BY: BMT | CHECKED BY: DA | |

TYPICAL BROOKLYN ROAD PAVEMENT X-SECTION

NOT TO SCALE



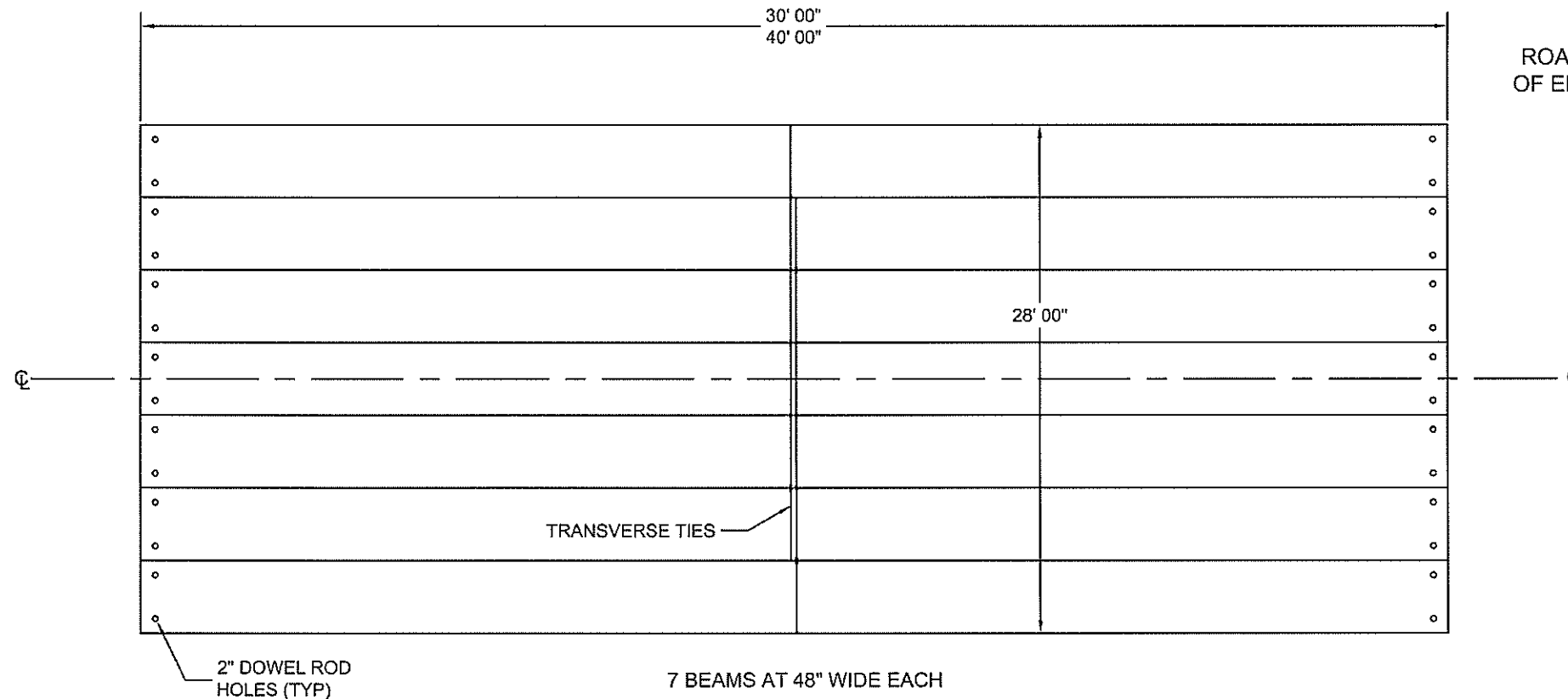
| | |
|--|--------------------|
| Location & Mixture Use: | Mainline |
| | Surface |
| PG: | PG 58-28 |
| Design Air Voids | 4.0 @ N50 |
| Mixture Composition (Gradation Mixture) | IL 9.5 |
| Friction Aggregate | C |
| Mix Unit Weight | 112 LBS / SY / IN. |
| Quality Management Program | QC/QA |
| Sublot Size | N/A |
| Material Transfer Device | N/A |

CURLED END SECTION DETAILS
4 REQ'D; GALVANIZED STEEL

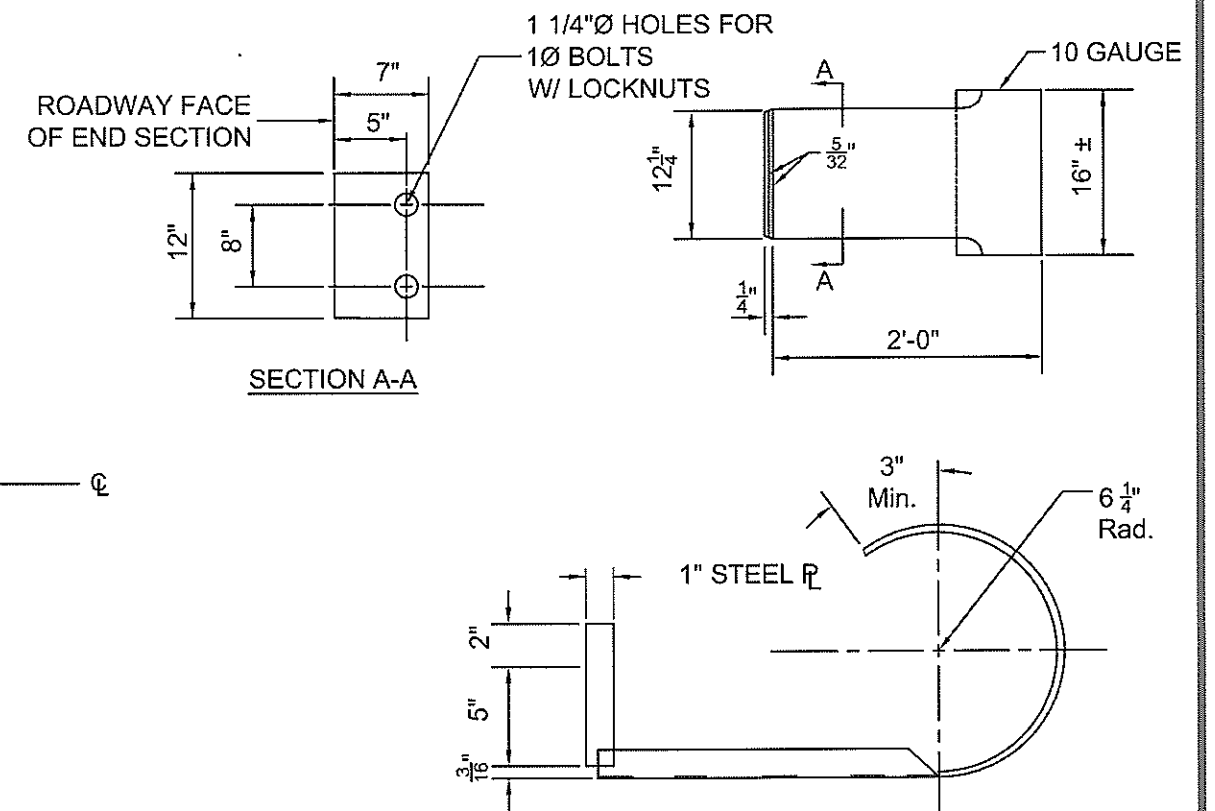
THE SUPPLY AND INSTALLATION OF THE CURLED END SECTIONS SHALL BE CONSIDERED INCIDENTAL TO THE SUPPLY AND INSTALLATION OF THE BRIDGE RAIL.

BEAM PLAN

NOT TO SCALE



NOTE: BEAM DRAIN HOLES SHALL BE FULLY OPEN PRIOR TO ARRIVAL ONSITE.



BROOKLYN BRIDGE
22-00351-00-BR

TYPICAL SECTIONS

DATE: 11/13/2024

DRAWN BY:
BMT

| | |
|-------------|----|
| CHECKED BY: | DA |
|-------------|----|

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