

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-10 PAVEMENT JOINTS
- 420401-13 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-04 NAME PLATE FOR BRIDGES
- 542401-04 METAL FLARED END SECTION FOR PIPE CULVERTS
- 601001-05 PIPE UNDERDRAINS
- 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAINS
- 610001-09 SHOULDER INLET WITH CURB
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-18 TRAFFIC BARRIER TERMINAL, TYPE 6
- 663001-02 SAND MODULE IMPACT ATTENUATORS
- 664001-02 CHAIN LINK FENCE
- 667101-02 PERMANENT SURVEY MARKERS
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15'(4.5M) TO 24"(600MM) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15'(4.5M) AWAY
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 725001-01 OBJECT AND TERMINAL MARKERS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- 701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER

COMMITMENTS:

NONE.

DISTRICT GENERAL NOTES

- GN-105.09A ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- GN-201 TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.
- GN-205 BENCHING PROCEDURES SHALL BE USED IN AREAS WHERE EXISTING EMBANKMENTS ARE WIDENED FOR THE PROPOSED PAVEMENT. STEPS SHALL BE CUT INTO THE EXISTING EMBANKMENT SLOPES AND SHALL HAVE THE FOLLOWING DIMENSIONS:
HORIZONTAL:
VERTICAL:
- GN-501A THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHOULD FOLLOW THE GUIDE BRIDGE SPECIAL PROVISIONS FOR CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.
- GN-506 ALL FINAL SURFACES OF THE BEAMS SHALL BE PAINTED WITH LIGHT GREY (MUNSELL COLOR STANDARD - 10Y 7/1) EXCEPT THE EXTERIOR SURFACES OF THE EXTERIOR BEAMS WHICH SHALL BE PAINTED IN INTERSTATE GREEN (MUNSELL COLOR STANDARD 7.5G 4/8).
- GN-703A SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).
- GN-781 THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.
- GN-Z0038 PERMANENT BENCHMARKS SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER. THE MARKERS SHALL BE LOCATED ON THE CORNER OF THE ABUTMENT WHERE THE ABUTMENT AND WINGWALL INTERSECTION. QUANTITY HAS BEEN INCLUDED IN THE PLANS FOR TWO (2) PERMANENT BENCHMARKS, ONE AT EACH END OF THE BRIDGE.

GN 406H MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| LOCATION(S): | CH-17 | CH-17 | CH-17 | CH-17 | I-57 | I-57 |
|--|--------------------------|----------------------------------|---|-------------------|--------------------------|-------------------|
| MIXTURE USE(S): | Polymer Surface Mainline | Polymer Bind Top 2-1/4" Mainline | Binder Bottom Lift 3-3/4" Mainline / 2-1/4" Shoulders | Surface Shoulders | Binder 10-1/2" Shoulders | Surface Shoulders |
| BINDER GRADE (PG): | SBS PG 64-28 | SBS PG 64-28 | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 |
| DESIGN AIR VOIDS: | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 |
| MIXTURE COMPOSITION: (MIXTURE GRADATION) | IL-9.5 | IL-19.0 | IL-19.0 | IL-9.5 | IL-19.0 | IL-9.5 |
| FRICTION AGGREGATE: | MIXTURE "C" | N.A. | N.A. | MIXTURE "C" | N.A. | MIXTURE "C" |
| MIXTURE WEIGHT: | 112 LB/SQ YD/IN | 112 LB/SQ YD/IN | 112 LB/SQ YD/IN | 112 LB/SQ YD/IN | 112 LB/SQ YD/IN | 112 LB/SQ YD/IN |
| QUALITY MANAGEMENT PROGRAM: | QC/QA | QC/QA | QC/QA | QC/QA | QC/QA | QC/QA |
| SUBLOT SIZE: | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| MATERIAL TRANSFER DEVICE? | NO | NO | NO | NO | NO | NO |

MODEL: C:\Users\jwamer\OneDrive\Documents\Projects\70908\70908.dgn
FILE NAME: P:\2023\105301_Phase II_IL57_under_CH170_DDOT\CAD_Sheets\105301-08-Sub-Requirements.dgn

| | | |
|---------------------------------|------------|-----------|
| USER NAME = jwamer | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 0.16666633 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 5/4/2023 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|-------------|-------------|-----------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 57 | (10-31HB)BR | CHAMPAIGN | 65 | 2 |
| | | | CONTRACT NO. 70908 | |
| | | ILLINOIS | FED. AID PROJECT | |