

HIGHWAY STANDARDS

- 000001-06 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
- 420401-09 BRIDGE APPROACH PAVEMENT CONNECTOR
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-03 NAME PLATE FOR BRIDGES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 601001-04 SUB-SURFACE DRAINS
- 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630201-06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-06 SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
- 631011-09 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631031-11 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-01 DELINEATORS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 642001-02 SHOULDER RUMBLE STRIP 16 IN.
- 701101-03 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
- 701401-07 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-07 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701416-07 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
- 701901-02 TRAFFIC CONTROL DEVICES
- 704001-07 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-03 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 PRISMATIC CURB REFLECTORS
- 825001-01 LIGHTING CONTROLLER 240V, POLE MOUNTED

830026

COMMITMENTS

1. THE MULTI-USE PATH AND EQUESTRIAN TRAIL WILL HAVE A MINIMUM VERTICAL CLEARANCE OF 8FT.
2. PROVIDE A SILT FENCE AROUND THE WETLAND DELINEATED AT STA. 431+73 TO STA. 435+09.
3. NO OPEN FLAMES OR SMOKING WILL BE ALLOWED ON IDNR PROPERTY.
4. NO OPEN FLAMES WILL BE ALLOWED ON IDOT RIGHT OF WAY.
5. PLACE STONE DUMPED RIPRAP ALONG THE HENNEPIN CANAL'S WATER EDGE WITHIN THE PROJECT LIMITS.
6. BRIDGE DECK DRAINS SHALL NOT EMPTY ONTO EITHER THE PATH OR THE TRAIL.
7. THE EQUESTRIAN TRAIL WILL BE REPLACED WITH 10" OF CA 10 AGGREGATE.
8. CANAL EXCAVATION WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE IDNR.
9. DEBRIS FROM BRIDGE DEMOLITION WILL NOT BE ALLOWED TO FALL ON THE MULTI-USE PATH OR INTO THE CANAL.
10. THE MULTI-USE PATH WILL REMAIN OPEN DURING DAYLIGHT HOURS WITH A MINIMUM WIDTH OF FIVE FEET AND SIGNAGE INSTRUCTING THE CYCLIST TO DISMOUNT AND WALK THROUGH THE CONSTRUCTION ZONE. A FLAGGER MAY BE PRESENT AS NEEDED TO DIRECT PATH USERS THROUGH THE WORK ZONE.
11. THE EQUESTRIAN TRAIL WILL HAVE INTERMITTENT CLOSURES WHEN WORKING ON THE WEST ABUTMENTS.
12. THE CANAL SHALL BE KEPT OPEN WITH POSSIBLE NIGHT CLOSURES. A CAUSEWAY MAY BE USED IN THE CANAL BUT IT MUST HAVE A DRAFT OF 4 TO 5 FEET, WIDTH OF 15 FEET, AND VERTICAL CLEARANCE OF 7 TO 8 FEET. ANY DISTURBANCE TO THE CANAL CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED TO THE ORIGINAL CONDITION.
13. AFTER PROJECT COMPLETION, THE EAST CROSSOVER WILL BE CLOSED AND THE WEST CROSSOVER WILL BE REDUCED TO A 30 FOOT OPENING FOR AUTHORIZED AND EMERGENCY VEHICLES. THE EXISTING MAINTENANCE CROSSOVER EAST OF THE CANAL WILL BE REMOVED.
14. NO TREES SHALL BE REMOVED FROM IDNR PROPERTY.
15. THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO WITHIN THE ROW OF I-80. PARKING OF VEHICLES OR STORAGE OF MATERIALS IS NOT ALLOWED WITHIN THE CANAL ROW.

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

BITUMINOUS MATERIALS (PRIME COAT) RATES	
SURFACE TYPE	RESIDUAL RATE
MILLED HMA OR PCC PAVEMENT	0.05 LBS / SQ FT
FOG COAT (BETWEEN ADDITIONAL HMA LIFTS)	0.025 LBS / SQ FT

THE EQUESTRIAN TRAIL IS OPEN FROM APRIL 15TH TO OCTOBER 31ST, WITH A MINIMAL AMOUNT OF USERS. THE MULTI-USE PATH RECEIVES A MODERATE AMOUNT OF TRAFFIC DURING THE SUMMER. BOTH PATHS CAN BE USED BY SNOWMOBILES IN THE WINTER WITH 6" OF FROST AND 4" OF SNOW. THE CANAL IS OPEN TO BOATS WITH 10HP MOTORS OR SMALLER. THE WATER LEVEL OF THE CANAL RARELY FLUCTUATES AND FLOODING HAS NOT BEEN OBSERVED TO DATE.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

- ANR PIPELINE COMPANY

- CORN BELT ENERGY CORPORATION

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

THE MEDIAN CROSSOVERS WILL NOT BE USED DURING THE WINTER MONTHS FROM NOVEMBER 1ST TO MARCH 1ST.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Don Beaulieu*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 8-13-13

EXAMINED BY: *[Signature]*
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER