

STD. NO.	TITLE
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-01	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606401-01	PAVED DITCH
630001-04	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
825021-01	LIGHTING CONTROLLER BASE MOUNTED, 240V
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877011-04	STEEL COMBO. MAST ARM ASSEMBLY & POLE 16" THROUGH 55"
878001-08	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

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.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- 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 SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING SHALL 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.

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
- ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE OF THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 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
BIT MATERIALS (PRIME COAT) ON AGGREGATE BASES	0.375	GAL / SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
POLYMERIZED BIT MATERIALS (PRIME COAT)	0.10	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ 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
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:  
AT&T (TELEPHONE); COMCAST (CABLE); COMED (ELECTRIC); NICOR (GAS)
- NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:  
MORGAN CREEK HOME OWNERS ASSOCIATION
- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- THE CONTRACTOR SHALL PLACE TWO CHANGEABLE MESSAGE SIGNS ON VAN EMMON / RESERVATION ROAD FOR TWO WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION WITH THE MESSAGE "CONSTRUCTION BEGINS ON (APPROPRIATE DATE)".
- STANDARD SECTIONS IDENTIFIED AS "IL-71" INCLUDE THE ROAD AREAS OF IL-71, RESERVATION ROAD, & VAN EMMON ROAD (STA 60+00.00 TO STA 60+93.72).
- STANDARD SECTIONS IDENTIFIED AS "VAN EMMON ROAD" INCLUDE VAN EMMON ROAD FROM STA 54+50.00 TO STA 59+80. A TRANSITION BETWEEN "IL-71" AND "VAN EMMON ROAD" STANDARD SECTIONS SHALL OCCUR FROM STA 59+80 TO STA 60+00.

- UNDERCUT AREA AND DEPTH SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. AGGREGATE SUBGRADE SHALL BE USED TO BACKFILL UNDERCUT AREAS.
- SUB-BASE GRANULAR MATERIAL, TYPE C SHALL BE INSTALLED ONLY WHERE HMA SHOULDER IS ADJACENT TO PAVEMENT WIDENING. SEE TYPICAL SECTIONS.
- STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED BETWEEN PAVEMENT RESURFACING AND PAVEMENT WIDENING AREAS. SEE TYPICAL SECTIONS.
- HMA TRANSITION TAPERS SHALL BE CONSTRUCTED WHERE PAVEMENT RESURFACING MEETS EXISTING PAVEMENT AND SHALL FOLLOW IDOT DISTRICT 3 STANDARD 406-9. SEE REMOVAL PLANS FOR HMA SURFACE REMOVAL (BUTT JOINT) LOCATIONS.
- SEE REMOVAL PLANS FOR UTILITY REMOVALS, ADJUSTMENTS, AND RELOCATIONS.
- THE EXISTING ELEVATIONS PROVIDED ON THESE PLANS WERE SURVEYED PRIOR TO A SUMMER 2010 MILLING AND RESURFACING PROJECT ALONG IL 71 (IDOT #66837-009) AND MAY VARY SLIGHTLY FROM CURRENT ELEVATIONS.
- WHEN HIGHWAY AND IDOT DISTRICT 3 STANDARDS CONFLICT, IDOT DISTRICT 3 STANDARDS SHALL BE FOLLOWED.
- THE COST OF CONNECTIONS TO EXISTING PIPES OR STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE OR STRUCTURE UNLESS OTHERWISE NOTED.
- CLEARING AND GRUBBING, HOT MIX ASPHALT ENTRANCE REMOVAL, AGGREGATE SHOULDER REMOVAL, AGGREGATE ENTRANCE REMOVAL, AND FENCE REMOVAL SHALL BE INCLUDED IN THE EARTH EXCAVATION QUANTITY.
- EXCESS TEMPORARY PAVEMENT REMOVAL FOLLOWING STAGE 2 SHALL BE INCLUDED IN THE PAVED SHOULDER REMOVAL QUANTITY. SEE STAGING AND ROADWAY PLANS FOR LIMITS.

COMMITMENTS

- WHEN CONTACTING MR. JOHN GRIGALIS, IDOT WILL ALSO INFORM MR. DAVE HASTERT, WHO IS A FRIEND INFORMALLY ACTING ON MR. GRIGALIS' BEHALF AT HIS REQUEST. JOHN CAN BE REACHED AT (630) 723-8459 OR CAN BE REACHED THROUGH THE YORKVILLE MAINTENANCE YARD.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: Don Brumit  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 4-4-11

EXAMINED BY: [Signature]  
DISTRICT CONSTRUCTION ENGINEER

[Signature]  
DISTRICT MATERIALS ENGINEER

Bruce C. Heber 4/4/11  
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS  
GENERAL NOTES

SCALE: N.T.S. SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	2
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				