

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. ANY DEVIATION SHALL BE APPROVED BY THE ENGINEER.
- 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 DETERMINE THE 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 UN-TILLABLE CONDITION. LOCATIONS TO BE SEEDED AS SHOWN ON THE PLANS OR 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 CONSTRUCTION OPERATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF TREE REMOVAL.
- FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- ON EXISTING PAVEMENT WHICH MAY BE SUPER-ELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPER-ELEVATION UNLESS NEW SUPER-ELEVATION RATES ARE GIVEN ON THE PLANS.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM. EXISTING GROUND DATA FROM STA. 7+00 TO STA. 74+00 IS BASED ON PHOTOGRAMMETRIC SURVEY DATA.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE 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.
- CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS.
- ALL CURB AND GUTTER TRANSITIONS SHALL BE COMPLETED AS SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER AND PAID FOR AS PART OF THE RESPECTIVE CURB AND GUTTER.
- SAW CUTTING SHOWN ON THE PLANS SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE COST OF THE ADJACENT REMOVAL ITEM.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

- A PORTION OF THE US ROUTE 34 RIGHT OF WAY HAS BEEN LEASED FOR AGRICULTURAL PURPOSES. THE CONTRACTOR SHALL NOT ENCROACH ON THE LEASED AREA. THIS AREA IS IDENTIFIED ON THE PLANS FROM STA 43+72.43 LT TO 56+39.98 LT AND FROM STA 78+78.90 RT TO 56+45.21 RT AND IS LABELED "LIMIT OF CONTRACTOR ACCESS (LEASED PROPERTY LINE)".

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

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA BINDER COURSE	112	TONS / SQ YD/IN
HMA RESURFACING	112	LBS / SQ YD / IN
HMA SURFACE COURSE	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING DOTTED	25	FT /100 FT OF APPLICATION
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
EXISTING TOPSOIL REMOVAL THICKNESS FROM WEST END TO WAUBONSEE DRIVE	12	INCHES
FROM WAUBONSEE DRIVE TO ELDA MAIN RD	22	INCHES

BITUMINOUS MATERIALS (PRIME COAT) RATES		
SURFACE TYPE	ESTIMATED TRUCK APPLICATION RATE	RESIDUAL RATE
AGGREGATE BASES	0.375 GAL / SQ YD (1.7 LITERS/SQ M)	N/A
MILLED PAVEMENT (HMA OR PCC)	0.08 GAL / SQ YD (0.35 LITERS/SQ M)	0.04 GAL / SQ YD (0.18 LITERS/SQ M)
EXISTING PAVEMENT	0.05 GAL / SQ YD (0.25 LITERS/SQ M)	0.025 GAL / SQ YD (0.13 LITERS/SQ M)
"FOG COAT" (BETWEEN ADDITIONAL HMA LIFTS)	0.05 GAL / SQ YD (0.25 LITERS/SQ M)	0.025 GAL / SQ YD (0.13 LITERS/SQ M)

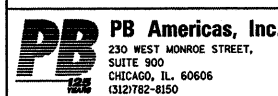
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM 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 SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA. JULIE CONTACT INFORMATION IS (800) 892-0123 OR 811. CONTACT INFORMATION FOR INDIVIDUAL UTILITIES CAN BE FOUND IN THE SPECIAL PROVISIONS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
AT&T
COM ED
COMCAST CABLE
NICOR GAS
CITY OF PLANO
WATER DEPARTMENT
- NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

KENDALL COUNTY
HIGHWAY DEPARTMENT

DRAINAGE NOTES

- INVERT AND RIM ELEVATIONS FOR EXISTING PIPES AND STRUCTURES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. INVERT AND RIM ELEVATIONS FOR EXISTING PIPES AND STRUCTURES SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION.
- FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS, A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTING AT ITS EXISTING INVERT ELEVATION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR THE TYPE AND KIND OF DRAINAGE STRUCTURE TO BE INSTALLED.
- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURES SHALL INCLUDE THE SAND CUSHION, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, ADJUSTING RINGS OR CONCRETE BLOCKS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL.
- TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER AND DITCH FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST
- THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
- WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.
- THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM" ON THE LID WHERE APPLICABLE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR
- THE LOCATION OF ALL EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR INFORMATION ONLY AND PRESENT THE BEST KNOWLEDGE OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT FIELD LOCATION OF ALL UTILITIES PRIOR TO START OF WORK.
- REMOVAL OF EXISTING UNDERDRAINS AND HEADWALLS FOR UNDERDRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION".



FILE NAME = dunoarbd	DESIGNED - MMS	REVISED - BDD 10-12-2011
PLOT SCALE = 28.0000' / in.	DRAWN - MMS	REVISED -
PLOT DATE = 10/12/2011	CHECKED - MMS	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: NOTES 1 OF 1 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	3
				CONTRACT NO. 66985
ILLINOIS FED. AID PROJECT				