

GENERAL NOTES

- THE THICKNESS OF BITUMINOUS MIXTURE 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 BITUMINOUS MIXTURE IS PLACED.
 - FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 - | | | |
|---------------------------------------|-------|--------------|
| HOT-MIX ASPHALT BASE COURSE | 0.056 | TON/SQ YD/IN |
| HOT-MIX ASPHALT SURFACE COURSE | 0.056 | TON/SQ YD/IN |
| AGGREGATE (SURFACE, BASE, & BACKFILL) | 2.05 | TON/CU YD |

BITUMINOUS MATERIALS:

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)

 - SHOWN IN TABLE

AGGREGATE (PRIME COAT)

 - ON EXISTING PAVEMENT
 - ON COLD MILLED SURFACE
 - FOG COAT ON NEW BINDER

RIP RAP	1.5	TON/CU YD
SEEDING, CLASS 2A, 4A	200	LB/ACRE
TEMPORARY EROSION CONTROL SEEDING	100	LB/ACRE
NITROGEN FERTILIZER NUTRIENT	90	LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LB/ACRE
MULCH	2	TON/ACRE
 - BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE HMA SURFACE COURSE.
 - CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.
 - ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
 - THE DISTRICT FOUR TREE COMMITTEE SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.
 - THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCHES WIDE, 5 INCHES HIGH AND 5/8 INCHES DEEP.
- THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:
- INTERVAL - 200 FEET
- BOTTOM OF NUMBERS - 6 INCHES FROM THE INSIDE EDGE OF THE PAVEMENT MARKING
- LOCATION:
- 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
 - MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
 - RAMPS - ALONG BASELINE EDGE OF PAVEMENT
- POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER
- FORMAT - "XXX", WHERE X REPRESENTS THE PAVEMENT STATION
- THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM UTILITY COMPANIES AND BY FIELD INSPECTION.
 - WHEN INSTALLING RIGHT-OF-WAY MARKERS, CARE SHALL BE TAKEN TO NOT DISTURB ANY EXISTING PROPERTY/RIGHT-OF-WAY PINS. IF A PROPERTY/RIGHT-OF-WAY PIN IS FOUND AT THE LOCATION OF A PROPOSED RIGHT-OF-WAY MARKER, THE MARKER SHALL BE PLACED ONE (1) FOOT IN FRONT OF THE PIN.

- PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.
- PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.
- ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.
- THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:
- BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
 - A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
 - SIGNED PROPERTY OWNER AGREEMENT FORM - D4 P10100
 - COLOR PHOTOGRAPHS DEPICTING THE USE AREA
 - BORROW AREA ENTRY AGREEMENT FORM - D4 P10101
- PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.
- ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (I) AND 670.04 (E): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.
 - MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.
 - AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMERENIP
 - VILLAGE OF STRONGHURST
 - NICOR GAS
 - MEDIACOM COMMUNICATIONS
 - FRONTIER COMMUNICATIONS
- MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 INDICATED BY * NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

COMMITMENTS

NONE

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

HMA MIXTURE DESIGNS

LOCATION:	IL 94	IL 94	IL 94
MIXTURE USE(S):	SURFACE COURSE	POLYMERIZED LEVEL BINDER 3/4"	BINDER (FLEXIBLE PAVEMENT CONNECTOR)
AC/PG:	PG 64-22	SBS OR SBR 70-22	PG 64-22
RAP% (MAX): **	15%	10%	25%
DESIGN AIR VOIDS:	4.0 % @ N = 50	4.0 % @ N = 50	4.0 % @ N = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 4.75	IL 19.0
FRICTION AGGREGATE	MIXTURE "D"	N. A.	N. A.

LOCATION:	IL 94	IL 94
MIXTURE USE(S):	HMA SHOULDER (2 1/4" SURFACE LIFT)	HMA SHOULDER (BASE COURSE WIDENING)
AC/PG:	PG 64-22	PG 64-22
RAP% (MAX): **	30%	30%
DESIGN AIR VOIDS:	3.0 % @ N = 30	4.0 % @ N = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5L	IL 19.0L
FRICTION AGGREGATE	MIXTURE "C"	N. A.

POLYMERIZED BITUMINOUS MATERIALS PRIME COAT

SURFACE TYPE:	ESTIMATED TRUCK APPLICATION RATE:	RESIDUAL RATE:
MILLED (HMA OR PCC)	0.08 GAL/SY	0.04 GAL/SY
EXISTING PAVEMENT (NOT MILLED)	0.05 GAL/SY	0.025 GAL/SY
FOG COAT BETWEEN LIFTS	0.05 GAL/SY	0.025 GAL/SY

STATUS OF UTILITIES

ROUTE	OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
IL 94/ IL 116	25' + 35' RT.	STA. 269+65 TO STA. 271+25	BURIED TELEPHONE	BRIDGE & RIPRAP	RELOCATE
IL 94/ IL 116	35' RT.	STA. 269+60	POLE	GRADE	RELOCATE
IL 94/ IL 116	35' RT.	STA. 270+87	POLE	GRADE	RELOCATE
IL 94/ IL 116	31' LT.	STA. 269+93	POWER POLE	GRADE	RELOCATE
IL 94/ IL 116	18' LT.	STA. 270+00 TO STA. 270+90	4" GAS	NEW STRUCTURE	RELOCATE

LAST SAVED = 12/14/2010 10:20:25 AM
 PLOT DRIVER = TR-1000f16back-half.plt

FILE NAME =	USER NAME = bereschmann	DESIGNED -	REVISED -
\\08044\1194\oad\1\plane\0466693-5ht-2an\Notes.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0018 1/ IN.		CHECKED -	REVISED -
PLOT DATE = 12/16/2010 10:20:25 AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**GENERAL NOTES, COMMITMENTS
AND MIXTURE DESIGNS**

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	109BR-1	HENDERSON	56	2
IL 94/116 OVER ELLISON CREEK		CONTRACT NO. 68693		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				