

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
3. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
4. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS INTERSECTING SIDE ROADS AND ENTRANCE RAMP. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR TRAFFIC CONTROL AND PROTECTION PAY ITEMS. ALL TRAFFIC CONTROL SIGNS SHALL BE (48" X 48") AND FLUORESCENT ORANGE.
5. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS UTILITIES EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF LOCATING UNDERGROUND CABLE IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
6. CARE SHALL BE TAKEN AT ALL SIDE ROADS DURING MILLING OPERATIONS TO ENSURE THAT THE PROPOSED HMA RESURFACING WILL MEET THE EXISTING SIDE ROADS.
7. HMA SURFACE REMOVAL SHALL BE 1-1/2 INCHES BETWEEN STA 415+17 AND STA 415+75; ALL OTHER AREAS OF HMA SURFACE REMOVAL SHALL BE 2-1/4 INCHES.
8. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
9. SIDE ROADS, ENTRANCES AND RAMPS SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES.
10. FLAGGERS SHALL BE PRESENT DURING ALL DAYTIME LANE CLOSURE HOURS INCLUDING LUNCH HOUR PERIODS. WHEN FLAGGERS ARE NOT REQUIRED, FLAGGER SIGNS MUST BE REMOVED OR COVERED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
11. PRIOR TO MILLING OPERATIONS, THE RE/RT SHALL RECORD AND DOCUMENT ALL EXISTING PAVEMENT MARKINGS INCLUDING ALL LANE MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS. AFTER COMPLETION OF HMA OVERLAY OPERATIONS THE PROPOSED PREFORMED PLASTIC PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AT THE EXISTING DOCUMENTED LOCATIONS AND/OR AS DIRECTED BY THE RE/RT.
12. THE CONTRACTOR MAY CHOOSE TO GROOVE IN THE PREFORMED PLASTIC PAVEMENT MARKINGS AT NO ADDITIONAL COST TO THE PROJECT.
13. MIXTURES FOR JOINT, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO THE ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
14. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
15. THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
16. THE THICKNESS OF HMA 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 HMA MIXTURE IS PLACED.

17. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.

18. SHORT TERM PAVEMENT MARKING SHALL BE PLACED ON THE MILLED SURFACE, PRIMED SURFACE, LEVELING BINDER AND THE FINAL HMA SURFACE. ONLY REMOVAL FROM THE HMA SURFACE COURSE SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL (50 FT).
19. ALL TEMPORARY PAVEMENT MARKINGS PLACED ON THE FINAL SURFACE SHALL BE INSTALLED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE FINAL PERMANENT PAVEMENT MARKINGS.
20. THE CONTRACTOR SHALL CHECK ALL DETECTOR LOOPS AFTER HMA SURFACE REMOVAL OPERATIONS ARE COMPLETE, AND REPLACE ALL INOPERABLE LOOPS.
21. UTILITY MANHOLES AND VALVE VAULTS ARE PRESENT WITHIN AREAS TO BE MILLED AND/OR RESURFACED. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING CONSTRUCTION OPERATIONS, ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE. ADJUSTMENT OF THESE APPURTENANCES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS
22. EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES.
23. ANY EARTHWORK ASSOCIATED WITH THE REMOVAL OR PLACEMENT OF THE PIPE CULVERT ALONG VENITA DRIVE IS TO BE INCLUDED IN THE COST OF THE PIPE. THE DITCH LINE IS TO BE SHAPED TO ALLOW DRAINAGE TO THE SATISFACTION OF THE ENGINEER WITH THE COST INCLUDED IN THE PIPE.

24. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
25. ANY EARTHWORK ASSOCIATED WITH REMOVAL OR PLACEMENT OF THE CURB & GUTTER SHALL BE INCLUDED IN THE COST FOR THE COMBINATION CONCRETE CURB & GUTTER.
26. ILLINOIS LAW REQUIRES THAT 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE EXCAVATING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE AS FOLLOWS:

AMEREN IP (AERIAL & BURIED GAS & ELECTRIC)*
 AT&T ILLINOIS (AERIAL & BURIED COMMUNICATIONS)*
 CHARTER COMMUNICATIONS, INC. (AERIAL & BURIED CABLE TV)*
 BUCKEYE PARTNERS L.P. (BURIED PIPELINE)*
 CASEYVILLE TOWNSHIP (BURIED SANITARY SEWER)*
 CITY OF FAIRVIEW HEIGHTS (BURIED SANITARY SEWER)*
 CITY OF O'FALLON (BURIED WATER & SANITARY SEWER)*
 PAETEC (BURIED COMMUNICATIONS)*
 QWEST SOLUTIONS CENTER (BURIED COMMUNICATIONS)*

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3.-6. SUMMARY OF QUANTITIES
- 7.-12. TYPICAL SECTIONS
- 13.-14. LOCATION MAP(S)
- 15.-16. SCHEDULE(S) OF QUANTITIES
- 17.-37. PLAN VIEW
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STANDARDS

- 000001-05
- 001006
- 482001-02
- 542101-02
- 542301-02
- 542311-01
- 542401-01
- 606001-04
- 606301-04
- 701006-03
- 701011-02
- 701101-02
- 701311-03
- 701301-03
- 701326-03
- 701601-06
- 701901-01
- 780001-02
- 781001-03
- 886001-01
- 886006-01

701201-03 701501-05
 701306-02 701502-03
 701336-05 701602-04
 701701-06

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

OLD US 50 FROM I-64 WB RAMPS TO SCOTT-TROY RD.

MIXTURE USE	POLY SURFACE	LEVEL BINDER	PATCHING	INCIDENTAL SURF
AC/PG	SBS 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION				
(GRADATION MIXTURE)		IL 9.5	IL 19.0	
FRICITION AGG	MIXTURE "E"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS
AC/PG	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP SPECIAL PROVISION
DESIGN AIR VOIDS	2.0% @ Ndes=30
MIX COMPOSITION	
(GRADATION MIXTURE)	
FRICITION AGG	BAM

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.
 PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/50 YD/IN

SALEM PLACE DRIVE FROM IL 159 TO VENITA DRIVE; VENITA DRIVE FROM SALEM PLACE DRIVE TO OLD US 50

MIXTURE USE	SURFACE	LEVEL BINDER	PATCHING	INCIDENTAL SURF
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION				
(GRADATION MIXTURE)		IL 9.5	IL 19.0	
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS
AC/PG	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP SPECIAL PROVISION
DESIGN AIR VOIDS	2.0% @ Ndes=30
MIX COMPOSITION	
(GRADATION MIXTURE)	
FRICITION AGG	BAM

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.
 PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/50 YD/IN (59.8 KG/50 M/25 MM THICKNESS).

COMMITMENTS

NO COMMITMENTS

FILE NAME *	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
altps:\work\spendot\alfordb\8174224\0876	99-shr-planudgn	DRAWN - TRF	REVISED -			32RS-3, 3IRS-3, IRS-1	ST. CLAIR	56	2	
PLOT SCALE = 1/8" = 1'		CHECKED -	REVISED -			CONTRACT NO. 76069				
PLOT DATE = 3/2/2010		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: NONE						SHEET NO. OF SHEETS		STA. TO STA.		