

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-2	McDONOUGH	1025	3
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

SOIL REPORT AVAILABILITY

ALL SOILS DATA COLLECTED AND PROCESSED FOR THE SOILS REPORT MADE IN CONJUNCTION WITH THE DESIGN OF THIS IMPROVEMENT IS ON FILE AT THE DISTRICT 4 OFFICE WHERE IT IS AVAILABLE FOR THE INSPECTION OF CONTRACTORS OR PROSPECTIVE BIDDERS. BY SUBMITTING A BID, THE CONTRACTOR ACKNOWLEDGES THAT THE SOILS REPORT HAS BEEN MADE AVAILABLE AND IS AWARE OF THE REPORT CONTENTS AND APPENDICES.

AVAILABILITY OF ELECTRONIC FILES

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.

TREE REMOVAL - UTILITY RELOCATION

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

TREE REMOVAL

THE DISTRICT FOUR TREE COMMITTEE SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

ENVIRONMENTAL REVIEWS

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
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

LABORATORY TESTING OF SUPERPAVE MIXES

SOME AGGREGATE COMPOSITIONS PRODUCE INCONSISTENT RESULTS WHEN BURNED IN THE IGNITION OVEN. THE ENGINEER WILL DETERMINE WHETHER THE IGNITION OVEN OR AC NUCLEAR GAUGE WILL BE REQUIRED AFTER THE AGGREGATE SOURCES HAVE BEEN IDENTIFIED.

PAVEMENT STATION NUMBERS & PLACEMENT

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 INCH WIDE, 5 INCHES HIGH AND 1/8 INCH 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: PAVEMENT STATIONS SHALL USE THIS 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.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION:	SURFACE	TOP BINDER LIFT
MIXTURE USE(S):	BITUMINOUS PAVEMENT FULL-DEPTH	BITUMINOUS PAVEMENT FULL-DEPTH
AC/PG:	SBR OR SBS PG 70-28	SBR OR SBS PG 70-28
RAP% (MAX): **	0%	0%
DESIGN AIR VOIDS:	4.0% @ N=70	4.0% @ N=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE D	N/A

**IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED, THIS WILL BE DETERMINED BY THE MATERIALS ENGINEER.

LOCATION:	LOWER BINDER LIFTS	WIDENING
MIXTURE USE(S):	BITUMINOUS PAVEMENT FULL-DEPTH	BITUMINOUS BINDER COURSE, WIDENING
AC/PG:	PG 64-22	PG 64-22
RAP% (MAX): **	15%	15%
DESIGN AIR VOIDS:	4.0% @ N=70	4.0% @ N=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0
FRICTION AGGREGATE:	N/A	N/A

**IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED, THIS WILL BE DETERMINED BY THE MATERIALS ENGINEER.

LOCATION:	MISCELLANEOUS BITUMINOUS CONCRETE SURFACE COURSE	MISCELLANEOUS BITUMINOUS CONCRETE LEVELING BINDER
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE COURSE	BITUMINOUS CONCRETE LEVELING BINDER
AC/PG:	PG 64-22	PG 64-22
RAP% (MAX): **	15%	25%
DESIGN AIR VOIDS:	4.0% @ N=50	4.0% @ N=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE C	N/A

**IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED, THIS WILL BE DETERMINED BY THE MATERIALS ENGINEER.

LOCATION:	SHOULDER BITUMINOUS SHOULDER (TOP LIFT)	SHOULDER BITUMINOUS SHOULDER (BOTTOM LIFT)
MIXTURE USE(S):	BITUMINOUS SHOULDER (TOP LIFT)	BITUMINOUS SHOULDER (BOTTOM LIFT)
AC/PG:	PG 64-22	PG 64-22
RAP% (MAX): **	30%	50%
DESIGN AIR VOIDS:	3.0% @ N=50	2.0% @ N=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5L	CA 6, CA 10, OR CA 12
FRICTION AGGREGATE:	MIXTURE C	N/A

**IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED, THIS WILL BE DETERMINED BY THE MATERIALS ENGINEER.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

TEN FOOT (10 FT.) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

SIGN POST HOLES

VERTICAL HOLES SHALL BE CONSTRUCTED IN THE ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED OR CONCRETE MEDIAN SURFACE 4 INCHES. THE HOLES SHALL BE 24 INCHES IN DIAMETER OR 24 INCHES SQUARE AND THEY SHALL BE FREE OF ANY OBSTRUCTION, EXCEPT EARTH, FOR A DEPTH OF 5 FEET AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY HOLES NOT USED FOR THE PLACEMENT OF SIGNS SHALL BE FILLED AND COMPACTED FLUSH WITH THE TOP OF THE ISLAND PAVEMENT, CONCRETE MEDIAN OF THE TYPES SPECIFIED, CONCRETE MEDIAN SURFACE 4 INCHES. THE TOP 3 INCHES OF SAID COMPACTED FILL SHALL CONSIST OF A BITUMINOUS CONCRETE MIXTURE. ALL HOLES IN WHICH THE SIGN POSTS ARE INSTALLED AT THE TIME OF THIS CONTRACT SHALL BE SIMILARLY FILLED.

THIS WORK, INCLUDING ANY REQUIRED PAVEMENT REMOVAL NECESSARY TO CONSTRUCT THE SIGN POST HOLES, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED, OR CONCRETE MEDIAN SURFACE, 4 INCHES.

ENGINEERS FIELD OFFICE

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.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

INFORMATION FOR SEALING ABANDONED WATER WELLS

LOCATION	DIAMETER	DEPTH
STA. 140+30±, ±24' LT	4"	320 FEET
STA. 147+53±, ±49' LT.	INFORMATION NOT AVAILABLE	
STA. 148+10±, ±60' LT.	5"	20 FEET
STA. 414+30±, ±48' RT.	12"	75 FEET

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES IL. ROUTE 336 DRAWN BY CHECKED BY DATE 3/30/06