

CONTRACT NO. 74130

GENERAL NOTES

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.
- THE WORK INCLUDED IN THIS SECTION CONSISTS OF REHABILITATING AND WIDENING APPROXIMATELY 1.42 MILES OF F.A.P. ROUTE 774 (IL RTE 32/33) BY MILLING, WIDENING OF PAVEMENT, SHOULDER, REALIGNING DITCHES, RESURFACING, EXTENDING, REMOVING AND REPLACING CULVERTS, RETAINING WALLS, AND PAVEMENT REMOVAL.
- THE PROPOSED PROJECT BEGINS WEST OF THE WYE INTERSECTION OF IL ROUTE 32 AND IL ROUTE 33 AT STA. 541+93.85 AND EXTENDS IN AN EASTERLY DIRECTION TO A STATION EQUATION AT STA. 559+19.18(BK) = STA. 884+96.78(AH), THEN CONTINUES TO STA. 942+50.00 WEST OF NAZARENE ROAD, A TOTAL DISTANCE OF 1.42 MILES.
- PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, AS SHOWN ON THE PLANS, AND AS DETERMINED BY THE ENGINEER.

TEMPORARY PAINT PAVEMENT MARKING APPLIED TO BINDER COURSE CONSISTS OF THE FOLLOWING:

	STAGE I	STAGE II	STAGE III
LETTERS & SYMBOLS	36	0	0
LINE 4"	23,339	21,355	4,750
LINE 12"	510	780	1,770

SHORT TERM PAVEMENT MARKING APPLIED DURING PRE-STAGE I AND STAGE III MAY BE PAINT OR TAPE. SHORT TERM PAVEMENT MARKING APPLIED ON THE FINAL SURFACE SHALL BE TAPE.

	PRE-STAGE I	STAGE III	FINAL SURFACE
LETTERS & SYMBOLS	1,047	539	4,046

TEMPORARY PAVEMENT MARKING APPLIED ON THE FINAL SURFACE SHALL BE TAPE. EXCEPT, MARKING PLACED PRIOR TO THE WINTER SHUTDOWN SHALL BE PAINT.

LETTER & SYMBOLS	QUANTITIES
LETTER & SYMBOLS	530.4 SQUARE FEET OF WHITE.
LINE 4"	30,067 FEET OF YELLOW AND 18,468 FEET OF WHITE.
LINE 6"	3,979 FEET OF YELLOW.
LINE 12"	3,561 FEET OF YELLOW AND 390 FEET OF WHITE.
LINE 24"	43 FEET OF WHITE.

FINAL PAVEMENT MARKINGS:
THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LETTERS & SYMBOLS CONSISTS OF 530.4 SQUARE FEET OF WHITE.

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 4" CONSISTS OF 30,067 FEET OF YELLOW AND 18,468 FEET OF WHITE.

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 6" CONSISTS OF 3,979 FEET OF YELLOW.

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 12" CONSISTS OF 3,561 FEET OF YELLOW AND 390 FEET OF WHITE.

THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING - LINE 24" CONSISTS OF 43 FEET OF WHITE.

- RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, THE PLANS, AND AS DETERMINED BY THE ENGINEER. THE FINAL PAVEMENT MARKINGS SHALL BE PLACED PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS. ESTIMATED QUANTITIES:

CRYSTAL (MONODIRECTIONAL)	328 EACH
CRYSTAL (BIDIRECTIONAL)	0 EACH
AMBER (MONODIRECTIONAL)	371 EACH
AMBER (BIDIRECTIONAL)	54 EACH
TOTAL	753 EACH

- THE CONTRACTOR SHALL PROVIDE AN ENGINEERS FIELD OFFICE TYPE A IN ACCORDANCE WITH ARTICLE 670.02 OF THE STANDARD SPECIFICATIONS.

- THE FOLLOWING BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D, N70 MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	SURFACE COURSE-MAINLINE & PUBLIC ROADS
AC/PG:	PG 64-22
RAP%: (MAX)	15%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	MIXTURE D

- THE FOLLOWING LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70 MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	LEVELING BINDER-MAINLINE & PUBLIC ROADS
AC/PG:	PG 64-22
RAP%: (MAX)	25%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	N/A

- THE FOLLOWING BITUMINOUS CONCRETE BASE COURSE, SUPERPAVE, 11 3/4" MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	BASE COURSE-MAINLINE
AC/PG:	PG 64-22
RAP%: (MAX)	25%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-19.0
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	N/A

- THE FOLLOWING BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D N90 MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	SURFACE COURSE - MAINLINE & PUBLIC ROADS
AC/PG:	SBS PG 70-22
RAP%: (MAX)	15%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	IL-9.5
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	MIXTURE D

- THE FOLLOWING LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N90 MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	LEVELING BINDER - MAINLINE & PUBLIC ROADS
AC/PG:	PG 64-22
RAP%: (MAX)	25%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	IL-9.5
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	N/A

- THE FOLLOWING BITUMINOUS SHOULDERS, SUPERPAVE, 8" MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	BITUMINOUS SHOULDERS
AC/PG:	PG 58-22
RAP%: (MAX)	50%
DESIGN AIR VOIDS:	2.0% @ NDESIGN = 30
MIXTURE COMPOSITION:	N/A
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	N/A

- THE FOLLOWING INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	SURFACE COURSE - DRIVEWAYS
AC/PG:	PG 64-22
RAP%: (MAX)	15%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 50
MIXTURE COMPOSITION:	IL-9.5
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	MIXTURE C

- THE FOLLOWING BITUMINOUS BASE COURSE SUPERPAVE 6", 8", AND 9 1/2" MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S):	BASE COURSE-PUBLIC ROADS & DRIVEWAYS
AC/PG:	PG 64-22
RAP%: (MAX)	25%
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-19.0
(GRADATION MIXTURE)	
FRICITION AGGREGATE:	N/A

- THE CONTRACTOR WILL BE REQUIRED TO FOG COAT ALL INTERMEDIATE LIFTS OF BITUMINOUS BASE COURSE SUPERPAVE, 9 1/2" AND 11 3/4" WITH AN EMULSIFIED POLYMER PRIME PRODUCT CLASSIFIED AS SS-IHP. THIS PRODUCT WILL ALSO BE USED AS THE BITUMINOUS MATERIAL (PRIME COAT) BEFORE ANY LEVELING BINDER IS LAID.

- ANY AREAS OF NEW WIDENING OVER EXISTING DITCHES WHERE SHOWN ON THE PLANS TO BE UNDERCUT BEYOND TOP SOIL REMOVAL SHALL BE PAID FOR AS EARTH EXCAVATION. THE MATERIAL OBTAINED FROM THE UNDERCUT AND CHANNEL EXCAVATION OPERATIONS SHALL NOT BE INCORPORATED INTO THE PROPOSED PAVEMENT OR SUB-BASE, BUT MAY BE USED IN THE EMBANKMENT SIDE SLOPES. THE EXCAVATED ROOT ZONE MATERIAL SHALL NOT BE INCORPORATED INTO THE PROPOSED EMBANKMENT.

- PORTIONS OF EXISTING CULVERTS MAY BE REMOVED TO FACILITATE THEIR EXTENSION. THE LOCATIONS AND REMOVAL AREAS SHALL BE DETERMINED BY THE ENGINEER. THE COST OF THE REMOVAL SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF THE PROPOSED CULVERTS INVOLVED AND NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.

- ALL ELEVATIONS SHOWN IN PLANS ARE BASED ON U.S.G.S. DATUM.

- ANY SECTION CORNERS DISTURBED DURING CONSTRUCTION SHALL BE REESTABLISHED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. A LIST OF SECTION CORNERS WITHIN THE PROJECT LIMITS IS CONTAINED IN THE RIGHT-OF-WAY PLANS.

- RIGHT-OF-WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED. IN WHICH INSTANCE THE RIGHT-OF-WAY MAKER WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE.

- ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDDED. SEEDING SHALL BE CLASS 2A IN ACCORDANCE WITH THE SPECIFIC PROVISIONS AND THE APPLICABLE ARTICLES OF SECTION 250 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING APPLICATION RATE SHALL BE USED FOR THE VARIOUS ITEMS NECESSARY FOR SEEDING:

NITROGEN FERTILIZER NUTRIENTS	- 90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	- 90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENTS	- 90 LB/ACRE
AGRICULTURAL GROUND LIMESTONE	- 2 TONS/ACRE

- THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF UTILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

- THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO MAINTAIN DRAINAGE DURING STAGE CONSTRUCTION OF THE BOX AND PIPE CULVERTS.

- THE CONTRACTOR WILL BE RESPONSIBLE FOR RELOCATING SIGNS OR DELIVERING EXISTING SIGNS TO THE IDOT DISTRICT 7 SIGN SHOP AS DIRECTED BY THE ENGINEER. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL ITEMS.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ROUTE-SIGNS SUCH AS STOP SIGNS, SPEED LIMIT SIGNS ETC. AND THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL PAY ITEMS.

- ALL DRIVEWAYS AND PUBLIC ROADS BEING RECONSTRUCTED SHALL BE COMPLETED IN STAGES TO ALLOW ACCESS AT ALL TIMES.

- COURSE AGGREGATE FOR "AGGREGATE SURFACE COURSE TYPE B" AND "AGGREGATE SHOULDERS" SHALL BE CRUSHED STONE, WITH MINIMUM IBR=80.

- THE TOP 12 INCHES OF EMBANKMENT UNDER THE PAVEMENT WIDENING AND SHOULDERS SHALL BE MATERIALS COMPATABLE WITH "PROCESSING LIME MODIFIED SOILS."

- EXISTING REMOVED RIPRAP MAY BE USED IN EMBANKMENT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THIS WORK IS NOT PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF EARTHWORK.

- TOPSOIL AND EARTH STOCK PILES SHALL BE TEMPORARILY SEEDDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS. COST INCLUDED IN COST OF VARIOUS EARTHWORK AND TOPSOIL QUANTITIES.

- THERE ARE NO COMMITMENTS FOR THIS PROJECT.

- THIS PROJECT SHALL BE COORDINATED WITH CONSTRUCTION OF THE ROADWAY PROJECT IN THE SAME AREA. THE CONTRACTOR SHALL NOT START THIS PROJECT WITHOUT THE APPROVAL OF THE DISTRICT 7 PROJECT IMPLEMENTATION ENGINEER.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES

DATE 8/02

DRAWN BY MLO
CHECKED BY SJK