

GENERAL NOTES

- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
- ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OR 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF 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 PER CUBIC YARD FOR EARTH EXCAVATION AN NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- IN ADDITION TO THE FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE CONTRACT UNIT PRICE FOR THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY EIGHT HOURS ADVANCE NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTORS EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE THE PERMANENT REPAIRS.
- THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM. ALL STAION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR HORIZONTAL CONTROL.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH 217-785-5312).
- QUANTITY FOR EARTH EXCAVATION INCLUDES ANY EXCAVATION NECESSARY TO PLACE HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/4".
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- THE WORK REQUIRED TO CONNECT SUBSURFACE DRAINS TO ANY EXISTING SUBSURFACE DRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE UNDERDRAINS 4".
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATIVE SUSTAINING SOIL COVERING THE TOP 4" IN AREAS TO BE SEEDED. THE VEGETATIVE SUSTAINING SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- ANY REFERENCES OR CALL-OUTS IN THESE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT".
- ANY DAMAGE DONE TO EXISTING CORE AREAS DURING THE CONSTRUCTION OF THE PROJECT SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- UNLESS OTHERWISE NOTED, STATIONS AND OFFSETS REFER TO CENTERLINE OF THE PROJECT.
- THE NEW CHAIN LINK FENCE, 7' SHALL BE PLACED IN THE SAME LOCATION IT WAS REMOVED FROM. THIS SHALL BE DONE AFTER THE NEW SLOPE HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THIS LOCATION DURING CONSTRUCTION OF THE NEW RAMP EXTENSION.

- HOT-MIX ASPHALT RESURFACING OF THE EXISTING PAVEMENT AND SHOULDERS SHALL BE DONE IN A MANNER THAT MAINTAINS A MINIMUM VERTICAL CLEARANCE OF 16 FEET AT ALL OVERHEAD STRUCTURES. THE MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED FROM OUTSIDE TO OUTSIDE OF THE PAVED SHOULDERS.

PRIOR TO THE START OF THE RESURFACING OPERATION, THE CONTRACTOR, IN THE PRESENCE OF THE ENGINEER, SHALL MEASURE AND DOCUMENT THE EXISTING VERTICAL CLEARANCE AT ALL OVERHEAD STRUCTURES. MEASUREMENTS SHALL BE TAKEN AT THE OUTSIDE EDGES OF THE PAVED SHOULDERS, AT THE EDGE OF EACH LANE, AND AT ANY SPLICE PLATES OVER THE SHOULDERS OR PAVEMENT. IF NECESSARY, THE ENGINEER SHALL MAKE ADJUSTMENTS TO THE RESURFACING THICKNESS SHOWN IN THE PLANS TO MAINTAIN THE REQUIRED MINIMAL VERTICAL CLEARANCE.

FOLLOWING PLACEMENT OF THE SURFACE COURSE AND HMA SHOULDERS, THE CONTRACTOR, IN THE PRESENCE OF THE ENGINEER, SHALL MEASURE AND DOCUMENT THE VERTICAL CLEARANCE AS DESCRIBED ABOVE. IF THE MINIMUM VERTICAL CLEARANCE IS LESS THAN 16 FEET, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL REMOVE AND REPLACE THE HMA SURFACE COURSE AS DIRECTED BY THE ENGINEER.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS HOT-MIX ASPHALT ITEMS.

HOT-MIX ASPHALT SHOULDERS SHALL BE RAMPED IN THE SAME MANNER AS THE HMA BINDER AND SURFACE COURSES.

MIXTURE REQUIREMENTS

Mixture Number	1	2	3
Mixture Use(s)	HMA SURFACE COURSE	HMA BINDER COURSE	HMA BASE COURSE
AC/PG:	SBS PG 76-22	SBS PG 76-22	PG 64-22
Design Air Voids:	4.0% @ N90	4.0% @ N90	4.0% @ N90
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0	IL 19.0
Friction Aggregate:	MIX "E"	N/A	N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD. (ON PAVEMENT)	RIPRAP	1.5 TON/CU. YD.
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ. YD. (ON AGGREGATE)	NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.	PHOSPHORUS FERTILIZER NUTRIENT	90 LBS./ACRE
HOT-MIX ASPHALT SURFACE/BINDER/BASE	0.056 TON/SQ. YD./IN	POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE MATERIAL	2.05 TON/CU. YD.	AGGRICULTURAL GROUND LIMESTONE	2.0 TON/ACRE

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND TO ALLOW IMPROVED DESIGN FOR FUTURE PROJECTS.

* SEE SHEET #17 FOR BENCHMARK INFORMATION

DISTRICT SIX	
EXAMINED <u>10/9</u>	20 <u>13</u>
<i>Bill M. Byr</i> OPERATIONS ENGINEER	
EXAMINED <u>Oct. 15</u>	20 <u>13</u>
<i>ARMI</i> PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>Oct 15</u>	20 <u>13</u>
<i>[Signature]</i> PROGRAM DEVELOPMENT ENGINEER	