

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE 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 CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPECIAL ATTENTION SHOULD BE GIVEN TO THE AREA ADJACENT TO THE APPROACH PAVEMENT WHERE FRENCH DRAINS ARE TO BE CONSTRUCTED.
- THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE. ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTIONS 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 UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND 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 ABOVEGROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 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.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
 

GRANULAR MATERIALS	2.05	TONS/CU YD
BITUMINOUS MATERIAL (PRIME COAT) ON MILLED SURFACES	0.05	LB/SQ FT
FOG COAT	0.025	LB/SQ FT
HOT-MIX ASPHALT SURFACE COURSE	112	LBS/SQ YD*IN
HOT-MIX ASPHALT BINDER COURSE	112	LBS/SQ YD*IN
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.
- IN ADDITION TO FIELD SURVEYS AND AERIAL 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 CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- IN SOME AREAS, THE EXISTING EARTH SHOULDER MAY BE HIGHER THAN THE CONSTRUCTED HMA SHOULDER. IN THIS CASE, THE CONTRACTOR SHALL TRIM THE EARTH SHOULDER TO KEEP POSITIVE DRAINAGE OFF THE PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF HMA SHOULDERS, 8".
- IT IS THE INTENT OF THE PLANS THAT THE PROPOSED HMA SHOULDERS, 8" BE PLACED THROUGH ALL EXISTING HMA SIDE ROADS AND ENTRANCES. HOWEVER, IF A SIDE ROAD OR ENTRANCE IS CONCRETE, THE CONCRETE SHALL REMAIN IN PLACE. THIS REMOVAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EXCAVATING AND GRADING EXISTING SHOULDERS
- IT IS THE INTENT OF THE DESIGNER THAT THE PROPOSED HMA SHOULDERS BE CONSTRUCTED AT A THICKNESS OF 8 INCHES, TO ACHIEVE THIS, THE CONTRACTOR MAY NEED TO ADJUST THE REMOVAL DEPTH OF THE EXISTING HMA SHOULDER. DURING OPERATIONS FOR EXCAVATING AND GRADING EXISTING SHOULDER AND/OR PAVED SHOULDER REMOVAL.
- PRIOR TO MILLING, THE RE SHALL MARK NPZ LOCATIONS. ALSO, NPZ SHALL BE FIELD VERIFIED BY OPS 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS

COMMITMENTS:

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

INDEX OF SHEETS

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The following mixture requirements are applicable for this project:

Mixture Number	1	2	3	4
Mixture Use(s)	SURFACE	BINDER	HMA SHLDR (BOTTOM LIFTS)	HMA SHLDR (TOP 1.5") & INCIDENTAL SURFACE
AC/PG:	PG64-22	PG64-22	PG64-22	PG64-22
Design Air Voids:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0	IL 19.0	IL 9.5
Friction Aggregate:	MIX "C"	N/A	N/A	MIX "C"
Quality Management:	QCP	QCP	QC/QA	QC/QA

EXAMINED <u>July 29</u> 20 <u>14</u> <i>Ron Buchanan</i> PROJECT IMPLEMENTATION ENGINEER
EXAMINED <u>August 5</u> 20 <u>14</u> <i>John P. M...</i> PROGRAM DEVELOPMENT ENGINEER
DISTRICT SIX
EXAMINED <u>JULY 28th</u> 20 <u>14</u> <i>John C. W...</i> OPERATIONS ENGINEER