

GENERAL NOTES

- ① 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 MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.
- ② ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.
- ③ 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 ADVANCED 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 PERMANENT REPAIRS.
- ④ 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 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 UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, REROUTING, DISCONNECTION, PROTECTION, ...ETC OF ANY UTILITIES MUST BE COORDINATED BETWEEN CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDOUS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ⑤ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATION(S):	
MIXTURE USE(S):	
AC/PG:	
DESIGN AIR VOIDS	
MIXTURE COMPOSITION (Gradation Mixture)	
FRICTION AGGREGATE	

- ⑥ IN ADDITION TO FIELD 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 WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ⑦ THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ⑧ EXISTING PAVEMENT DAMAGED DUE TO CONTRACTOR'S OPERATIONS, AND NOT OTHER WISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- ⑨ ANY SEEDING, MULCHING, & FERTILIZER NUTRIENTS FOR IL 4, IL 111, & IL 123 SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION.
- ⑩ REMOVAL OF EXISTING GRATE AND STEEL ANGLES ON DROP BOX AT STA. 364+04.46 ON IL 111 SHALL BE INCLUDED IN THE COST FOR FLUSH INLET BOX FOR MEDIAN STD 542546, SPECIAL. THE GRATE WILL NOT BE SALVAGED.

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STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
442201-03	CLASS C & D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542546-01	FLUSH INLET BOX FOR MEDIAN
602301-04	INLET-TYPE A
604036-02	GRATE TYPE B
701006-05	OFF ROAD OPERATIONS 2L, 2W 15' TO 24' FROM EDGE OF PAVEMENT (PATCHING, & CULVT.)
701201-04	LANE CLOSURE 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45MPH (MARKING PATCHES & CLEAN-UP)
701301-04	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-03	TRAFFIC CONTROL DEVICES

THE ITALICIZED TEXT DESCRIBING STANDARDS ARE GENERAL USES FOR THE APPLICATION SPECIFIED AND NOT LIMITED TO THEM.

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT):	0.00038 TON / 50 YD (ON PAVEMENT)
	0.001425 TON / 50 YD (ON AGGREGATE)
AGGREGATE MATERIALS (PRIME COAT):	0.002 TON / 50 YD
HMA SURFACE MIX C / BINDER (112 LBS):	0.056 TON / 50 YD + in
AGGREGATE MATERIALS:	2.05 TON / CU YD
NITROGEN FERTILIZER NUTRIENT:	90 LBS / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT:	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT:	90 LBS / ACRE
AGRICULTURE GROUND LIMESTONE:	2 TON / ACRE
MULCH:	2 TONS / ACRE
EMBANKMENT SHRINKAGE FACTOR:	1.28
AGGREGATE ROCK FILL:	1.89 TON / CU YD

COMMITMENTS

- ① THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

DISTRICT SIX	
EXAMINED <u>12/4</u> 20 <u>13</u>	
<i>Bellm Boyer</i>	
OPERATIONS ENGINEER	
EXAMINED <u>DECEMBER 5</u> 20 <u>13</u>	
<i>Jimmy L. L.</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>December 3</u> 20 <u>13</u>	
<i>ARMLY</i>	
PROGRAM DEVELOPMENT ENGINEER	