

F.R. DIV.6	TEXAS	STP 95 (190) MM	SHEET 6
DALLAS	COUNTY	HWY CS	CONT 0918-45-222

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 360: CONT'D

OF "MECHANICAL STEEL PLACING EQUIPMENT" WILL BE AT THE DISCRETION OF THE ENGINEER ON THIS PROJECT.

SURFACE FINISH SHALL BE TESTED IN ACCORDANCE WITH SURFACE TEST TYPE

VEWAYS SHALL BE PAID AS CONCRETE PAVEMENT UNDER ITEM 360.

VEWAYS SHALL BE PLACED UPON COMPACTED SUBGRADE AS DIRECTED BY THE ENGINEER.

VEWAY DEPTHS SHALL MATCH THAT OF THE CONCRETE PAVEMENT AS SHOWN ON TYPICAL SECTIONS.

PAVATION FOR DRIVEWAYS SHALL BE CONSIDERED SUBSIDIARY TO ITEM 360.

BS FOR DRIVEWAYS AND ALLEY RETURNS, AS SHOWN ON MISCELLANEOUS DETAIL SHEETS, WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED AS SUBSIDIARY TO THIS ITEM.

VEWAY LOCATIONS SHOWN ARE SUBJECT TO CHANGE TO SUIT ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND MAY BE SHIFTED AS DIRECTED BY THE ENGINEER.

ITEMS 360 AND 421:

ENGINEER WILL SAMPLE ALL CONCRETE AND MAKE AND TEST ALL TEST BEAMS AND CYLINDERS.

TEST MOLDS WILL BE FURNISHED BY THE ENGINEER FOR ALL CONCRETE TESTS. THE CONTRACTOR SHALL HAVE A WHEELBARROW OR OTHER CONTAINER AVAILABLE TO THE ENGINEER, AVAILABLE TO USE IN THE SAMPLING OF THE CONCRETE.

LABOR AND EQUIPMENT FURNISHED BY THE CONTRACTOR WILL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS AND WILL NOT BE PAID FOR DIRECTLY.

ITEM 400:

SPECIFICATION DATA

Rev. 09/29 *mwt* SHEET G

F.R. DIV.6	TEXAS	STP 95 (190) MM	SHEET 6
DALLAS	COUNTY	HWY CS	CONT 0918-45-222

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 400: CONT'D

ALL EXCAVATION NOT USED IN BACKFILL OR EMBANKMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY HIM OUTSIDE THE LIMITS OF THE RIGHT OF WAY.

ITEMS 400 AND 416:

PRIOR TO ANY EXCAVATION OR DRILLING IN THE CLOSE VICINITY OF EXISTING UTILITIES OR SEWERS, THE CONTRACTOR SHALL BE REQUIRED TO PROBE OR EXPOSE THESE FACILITIES TO DETERMINE THEIR EXACT LOCATION. ALL COSTS INVOLVED WILL BE SUBSIDIARY TO THE RELATED BID ITEMS.

ITEM 423:

THE RETAINING WALL (STONE) SHALL CONSIST OF A MASONRY WALL CONSTRUCTED ON A CONCRETE SLAB FOUNDATION AS SHOWN. MASONRY SHALL BE CHOPPED MILSAP SANDSTONE. STONE SHALL BE OF RECTANGULAR SHAPE, 45 MM TO 200 MM LONG, MINIMUM 150 MM WIDE, AND 75 MM TO 125 MM HIGH WITH A "LEDGESTONE" PATTERN. STONE SHALL HAVE UNIFORM PARALLEL EDGES AND BE FREE FROM SEGREGATIONS, CRACKS, SEAMS OR OTHER STRUCTURAL DEFECTS OR IMPERFECTIONS TENDING TO DESTROY ITS RESISTANCE TO WEATHER. STONE SHALL HAVE A MINIMUM DENSITY OF 2200 KG PER CUBIC METER. STONE SHALL BE TAN AND RED, OR AS APPROVED BY THE ENGINEER. MASONRY MORTAR SHALL BE ONE PART CEMENT AND THREE PARTS SAND, PROPORTIONED BY VOLUME, OR AS APPROVED BY THE ENGINEER.

PRIOR TO WALL CONSTRUCTION, THE CONTRACTOR SHALL FURNISH SAMPLES OF STONE THAT HE PROPOSES TO USE ON THE PROJECT AND SECURE APPROVAL FROM THE ENGINEER FOR COLOR AND TEXTURE. THE CONTRACTOR SHALL CONSTRUCT A SAMPLE WALL 1 METER HIGH AND AT LEAST 1 METER LONG AND SECURE APPROVAL FROM THE ENGINEER FOR WORKMANSHIP.

NO CONSTRUCTION WILL BE PERMITTED WHEN THE TEMPERATURE IS BELOW 4 DEGREES CELSIUS AND FALLING, OR WHEN THE STONE CONTAINS FROST. CONSTRUCTION CAN COMMENCE WHEN THE TEMPERATURE IS 2 DEGREES CELSIUS AND RISING. TEMPERATURE SHALL BE TAKEN IN THE SHADE AWAY FROM ARTIFICIAL HEAT.

THE ADDITION OF CEMENT SHALL NOT BE USED WHEN THE MORTAR IS OLDER THAN TWO HOURS. MORTAR MAY BE RETEMPERED TO RESTORE WORKABILITY BY ADDING WATER. HOWEVER, MORTAR THAT HAS REACHED INITIAL SET SHALL NOT BE RETEMPERED.

SPECIFICATION DATA

Rev. 09/29 *mwt* SHEET H

F.R. DIV.6	TEXAS	STP 95 (190) MM	SHEET 6
DALLAS	COUNTY	HWY CS	CONT 0918-45-222

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 423: CONT'D

EACH STONE SHALL BE SATURATED, BUT SURFACE DRY WHEN LAID. MORTAR BED SHALL BE CLEAN AND WELL MOISTENED PRIOR TO STONE PLACEMENT. ALL SHAPING OR DRESSING OF STONE SHALL BE DONE BEFORE STONE IS PLACED IN WALL. STONE SHALL BE ROUGHLY SQUARED ON JOINTS, BEDS AND FACES. SELECTED STONE, ROUGHLY SQUARED AND PITCHED TO LINE SHALL BE USED AT ALL ANGLES AND ENDS OF WALLS. STONE SHALL BE LAID IN A "LEDGESTONE" PATTERN AND SHALL BE PLUMB AND TRUE WITH COARSE LEVEL. THE BOTTOM OR FOUNDATION COURSES SHALL BE COMPOSED OF LARGER STONES AND ALL COURSES SHALL BE LAID WITH BEARING BEDS PARALLEL TO NATURAL BED OF THE MATERIAL.

JOINTS SHALL BE 20 MM TO 25 MM THICK, STRAIGHT AND UNIFORM PARTICULARLY WHERE EXPOSED TO VIEW. CUT EXPOSED JOINTS FLUSH, COMPRESS AND FINISH SMOOTH WITH A ROUND POINTING TOOL. JOINTS ARE TO BE SLIGHTLY CONCAVE.

THE SQUARE METER PAYMENT FOR THE CAST-IN-PLACE WALL SHALL BE THE ENTIRE VERTICAL SURFACE AREA OF THE WALL FACING AWAY FROM THE ROADWAY.

THE SQUARE METER PAYMENT FOR THE STONE WALL SHALL BE THE ENTIRE VERTICAL SURFACE AREA AT EVERY LOCATION WHERE STONE WALL IS TO BE PLACED.

ITEM 432:

THE EXPOSED CONCRETE SURFACES OF THE "RIPRAP (CONC) (CL B) (SPL) SHALL BE AS SHOWN IN THE PLANS.

ITEM 464:

ANY ABANDONED UTILITIES OR DRAINAGE STRUCTURES THAT ARE ENCOUNTERED BY THE CONTRACTOR SHALL BE REMOVED TO A MINIMUM OF 0.3 METER BELOW SUBGRADE AND PLUGGED WITH A CONCRETE PLUG OF A THICKNESS EQUAL TO 125 MM PER METER OF DIAMETER OF PIPE WITH A MINIMUM THICKNESS OF 250 MM. THE COST OF THE PLUGS SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.

CONNECTIONS OF PIPES TO EXISTING OR PROPOSED CONCRETE BOXES OR PIPE SHALL BE CONSTRUCTED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR DIRECTLY.

SPECIFICATION DATA

Rev. 09/29 *mwt* SHEET I

F.R. DIV.6	TEXAS	STP 95 (190) MM	SHEET 6
DALLAS	COUNTY	HWY CS	CONT 0918-45-222

GENERAL NOTES AND SPECIFICATION DATA--

ITEMS 479 AND 496:

STAGING STRUCTURES OR PARTS OF STRUCTURES TO BE REMOVED, EXCEPT FOR METAL GRATES, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY HIM OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT HIS OWN EXPENSE.

MEASUREMENT AND PAYMENT FOR "REMOVING OLD STRUCTURES (SMALL)" AND FOR "REMOVING OLD STRUCTURES (PIPES)" SHALL INCLUDE ONLY THE STRUCTURES LISTED ON THE SUMMARY SHEET. THE COST OF REMOVAL OF ALL OTHER STRUCTURES AND PIPES NOT LISTED UNDER THIS ITEM OR ITEM 104 SHALL BE CONSIDERED SUBSIDIARY TO ITEM 100. ALL PIPE TO BE REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY HIM OUTSIDE THE LIMITS OF THE RIGHT OF WAY.

ITEM 502:

BARRICADES AND WARNING SIGNS, AS APPROPRIATE, ARE TO BE PLACED AT ALL STOCKPILE SITES TO ADEQUATELY WARN MOTORISTS. AT ALL STOCKPILE SITES THAT ARE LESS THAN 10 METERS FROM THE EDGE OF ANY TRAVELLED LANE, A CLASS II BARRICADE SHALL BE ERRECTED IMMEDIATELY IN FRONT OF OR AT EACH END AS REQUIRED. WHEN A STOCKPILE SITE EQUALS OR EXCEEDS 30 METERS IN LENGTH, ONE OBJECT MARKER (OM-2HP) PER 30 METERS SHALL BE PLACED OUTSIDE THE STOCKPILE.

AT ANY TIME DURING CONSTRUCTION THE CONTRACTOR'S PROPOSED PLAN OF OPERATION FOR HANDLING TRAFFIC DOES NOT PROVIDE FOR SAFE, COMFORTABLE OPERATION, THE CONTRACTOR SHALL IMMEDIATELY CHANGE HIS OPERATIONS TO CORRECT THE UNSATISFACTORY CONDITION. THE SEQUENCE OF WORK AS OUTLINED IN THE PLANS AND BELOW IS A GUIDE ONLY AND MAY BE REVISED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER.

OBJECT TO THE APPROVAL OF THE ENGINEER, PORTIONS OF THIS PROJECT WHICH ARE NOT AFFECTED BY OR IN CONFLICT WITH THE PROPOSED METHOD OF HANDLING TRAFFIC OR UTILITY ADJUSTMENTS CAN BE CONSTRUCTED DURING ANY PHASE.

BARRICADES AND SIGNS SHALL BE PLACED IN SUCH A MANNER AS NOT TO INTERFERE WITH THE SIGHT DISTANCE OF DRIVERS ENTERING THE HIGHWAY FROM DRIVEWAYS OR SIDE STREETS. TO FACILITATE SHIFTING, BARRICADES AND SIGNS IS USED IN LANE CLOSURES OR TRAFFIC STAGING MAY BE ERRECTED AND SUPPORTED ON PORTABLE SUPPORTS. THE DESIGN OF THESE SUPPORTS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.

SPECIFICATION DATA

Rev. 09/29 *mwt* SHEET J

F.R. DIV.6	TEXAS	STP 95 (190) MM	SHEET 6
DALLAS	COUNTY	HWY CS	CONT 0918-45-222

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 502: CONT'D

THE CONTRACTOR WILL NOT BE PERMITTED TO COMMENCE WORK ON THE ROAD BEFORE SUNRISE AND SHALL ARRANGE HIS WORK SO THAT NO EQUIPMENT SHALL BE CLOSER THAN 10 METERS TO THE TRAVELED ROADWAY AFTER SUNSET EXCEPT AS AUTHORIZED BY THE ENGINEER.

THE CONTRACTOR SHALL KEEP TRAVELED SURFACES USED IN HIS HAULING OPERATION CLEAR AND FREE OF DIRT OR OTHER MATERIAL.

THE USE OF RUBBER Tired EQUIPMENT WILL BE REQUIRED FOR MOVING DIRT OR OTHER MATERIALS ALONG OR ACROSS PAVED SURFACES.

WHERE THE CONTRACTOR DESIRES TO MOVE ANY EQUIPMENT NOT LICENSED FOR OPERATION ON PUBLIC HIGHWAYS OR ACROSS ANY PAVEMENT, HE SHALL PROTECT THE PAVEMENT FROM ALL DAMAGE AS DIRECTED BY THE ENGINEER.

ITEM 504:

THE CONTRACTOR WILL FURNISH ONE FIELD OFFICE (TYPE "C").

TELEPHONE SERVICE SHALL BE PROVIDED AT THE FIELD OFFICE.

IT SHALL BE THE ENTIRE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE FIELD OFFICE AS DIRECTED BY THE ENGINEER.

THE PARKING LOT DIMENSIONS SHALL BE AS DIRECTED BY THE ENGINEER.

WHEN THE CONTRACTOR FURNISHES BEAM CURING TANKS, THE TANKS SHALL BE ELEVATED AS DIRECTED BY THE ENGINEER TO A MAXIMUM HEIGHT OF 0.3 METER.

ITEM 618:

CONDUIT INSTALLED FOR FUTURE USE SHALL HAVE PULL WIRES INSTALLED AND SHALL BE CAPPED USING STANDARD WEATHER TIGHT CONDUIT CAPS AS APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THIS ITEM.

THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE PRESERVATION OF ALL SOD, SHRUBBERY AND TREES AT THE SITE DURING THE INSTALLATION AND, WHERE NECESSARY TO REMOVE ANY SOD, SHRUBBERY OR TREE BRANCHES, HE SHALL OBTAIN PERMISSION FROM THE OWNER.

SPECIFICATION DATA

Rev. 09/29 *mwt* SHEET K

F.R. DIV.6	TEXAS	STP 95 (190) MM	SHEET 6
DALLAS	COUNTY	HWY CS	CONT 0918-45-222

GENERAL NOTES AND SPECIFICATION DATA--

ITEM 3022:

THE UTILIZATION OF RECLAIMED ASPHALT PAVEMENT (RAP) FROM OFF PROJECT, STATE OWNED, NON-DESIGNATED SOURCES CAN BE PROPOSED BY THE CONTRACTOR. THIS WILL BE CONSIDERED A VALUE ENGINEERING PROPOSAL AND HANDLED AS SUCH BY THE ENGINEER.

ASPHALT PAVEMENT TO BE REMOVED WITHIN THE LIMITS OF THE PROJECT AND ASPHALT PAVEMENT MATERIALS USED IN CONSTRUCTION OF DETOURS MAY BE USED AS RAP IN NON-SURFACE COURSES IF THE MATERIAL MEETS ALL THE PHYSICAL REQUIREMENTS OF THE APPROPRIATE ITEM. THERE WILL BE NO COST TO THE CONTRACTOR FOR THE USE OF THIS MATERIAL. THE SAME WILL HOLD TRUE OF OTHER SOURCES DESIGNATED IN THE PLANS.

STORAGE OF THE COMPLETED MIX UPON THE GROUND WILL NOT BE PERMITTED AT THE MIXING PLANT OR THE JOB SITE. ANY MIX THAT COMES IN CONTACT WITH OBJECTIONABLE FOREIGN MATTER SHALL BE REJECTED.

FOR THE DRUM MIX TYPE MIXER, THE STOCKPILED AGGREGATES WILL BE PROPORTIONED FROM SEPARATE COMPARTMENTS ONTO INDIVIDUAL FEED BELTS WITH SEPARATE BUT VARIABLE SPEED CONTROLS.

THE MOISTURE CONTENT IN THE COMPLETED MIX WILL NOT EXCEED 3/4 OF ONE PERCENT WHEN TESTED BY TEST METHOD TEX-212-F, PART II, IMMEDIATELY AFTER DISCHARGING FROM THE MIXER.

LAYDOWN OPERATIONS SHALL BE CONDUCTED IN SUCH SEQUENCE THAT VEHICLES TRANSPORTING ASPHALTIC CONCRETE MATERIAL TO THIS PROJECT WILL NOT TRAVEL OVER THE COMPLETE PAVEMENT UNTIL SAID PAVEMENT SHALL HAVE BEEN IN PLACE FOR A MINIMUM OF TWENTY-FOUR HOURS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

JOINTS SHALL BE STAGGERED SO THEY FALL AT LEAST 0.6 METER FROM THE PREVIOUS JOINT.

LAYDOWN OPERATIONS SHALL BE PERFORMED IN SUCH SEQUENCE THAT THE CENTER JOINT WILL BE CARRIED ALONG WITHOUT EXCESS DISTANCE OF LAPBACK, NOT TO EXCEED ONE DAY'S OPERATION.

MATERIALS WILL BE PLACED IN MULTIPLE COURSES. THE THICKNESS OF EACH COURSE SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

FOR THIS PROJECT, THE ASPHALT BINDER USED IN THE MANUFACTURE OF THE HOT MIX ASPHALT CONCRETE, UNDER SPECIAL SPECIFICATION ITEM 3022, SHALL BE PG 64-22.

SPECIFICATION DATA

09/29 SHEET L