

GENERAL CONSTRUCTION NOTES

(G-3) WASTE MATERIAL AND DEBRIS SHALL GO TO THE CITY OF ENID'S LANDFILL. CONTRACTOR SHALL PAY LANDFILL FEES PER CITY OF ENID GENERAL SPECIFICATIONS. BROKEN CONCRETE AND MILLINGS TO BECOME THE PROPERTY OF THE CITY OF ENID, AND BE DELIVERED TO THE SERVICE CENTER LOCATED AT 1500 W. POPLAR. CONTACT (580) 616-7304. MATERIAL TO BE APPROVED BY CITY ENGINEER.

(G-4) FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE OPERATIONS BEGIN. ANY PORTION OF THE CONSTRUCTION OPERATIONS, SUCH AS SUPERPAVE LAYING OPERATIONS, EXCAVATION FOR PAVEMENT WIDENING, OR EXTENSION OF ROADWAY STRUCTURES, SHALL BE LIMITED TO ONE SIDE AT A TIME, AND THE PROCEDURES OUTLINED IN THE PAVEMENT DROP-OFF TREATMENT STANDARD PDT-1 (LATEST REVISION) SHALL BE IMPLEMENTED. ONLY THAT AMOUNT OF OPEN TRENCH WILL BE ALLOWED THAT CAN BE SURFACED IN 1 (ONE) DAY'S TIME WITHOUT APPROVAL BY THE ENGINEER. LIGHTS, SIGNS AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES.

(G-6) ALL TREES, BRUSH AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINE AT EACH STRUCTURE AND BRIDGE, IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

(G-7) THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY RIGHT-OF-WAY FENCE AS REQUIRED. WHEN THE PORTION OF THE PROJECT THAT REQUIRED THIS FENCE IS COMPLETED, THE TEMPORARY FENCE SHALL BE REMOVED, AND PERMANENT RIGHT-OF-WAY FENCING SHALL BE RESTORED OR INSTALLED IN A MANNER APPROVED BY THE ENGINEER. ALL COST TEMPORARY FENCING SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

(G-8) ALL FLOWLINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY TAMPED BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

(G-9) IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. COST OF SPRINKLING TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.

(G-12) PRIME COAT SHALL BE APPLIED TO THE SUBGRADE IMMEDIATELY AFTER FINAL COMPACTION AND SHAPING TO RETAIN MOISTURE FOR PROPER CHEMICAL REACTION OF THE SOIL ADDITIVE.

(G-13) THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

(G-31) PIPE UNDERDRAIN QUANTITIES ESTIMATED ONLY. LOCATION, IF AND WHERE REQUIRED, TO BE DETERMINED BY THE ENGINEER.

(G-32) THE CONTRACTOR SHALL REMOVE AND RESET MAILBOXES AS NECESSARY. MAILBOXES ARE TO BE MAINTAINED IN AN UPRIGHT POSITION AND ACCESSIBLE TO MAIL CARRIER'S CAR DURING CONSTRUCTION. ANY DAMAGE TO BOXES OR SUPPORTS SHALL BE REPAIRED BY THE CONTRACTOR. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

(G-36) SURFACING OF RETURNS, UNLESS OTHERWISE SHOWN ON THE PLANS, SHALL BE OF THE SAME MATERIAL (BASE AND SURFACE) AS THAT OF THE ABUTTING SHOULDER OF THE MAINLINE. BASE AND SURFACE THICKNESS SHALL BE THE THICKNESS SHOWN ON THE PLANS.

(G-37) T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED BY THE ENGINEER.

(G-41) ONLY THE SILICONE SEALANT OPTIONS, FROM STANDARD LECS-4, WILL BE ALLOWED ON THIS PROJECT.

(G-46) PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

(G-48) IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

PAY QUANTITY NOTES

(R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.

(R-4) INCLUDES 100 CY FOR DRIVEWAYS, RETURNS, DIKES AND MISCELLANEOUS EARTHWORK.

(R-5) AN ESTIMATED QUANTITY OF 1669 CY TOPSOIL TO BE RESERVED FOR REPLACEMENT OF APPROXIMATELY 5' ON COMPLETED FORESLOPES, DITCHES, AND BACKSLOPES. THIS QUANTITY IS INCLUDED IN THE EARTHWORK BALANCE. ANY ADDITIONAL EXCAVATION REQUIRED IN CUT SECTIONS TO ALLOW FOR PLACEMENT OF TOPSOIL TO FINAL GRADE, SHALL BE INCLUDED IN THE PRICE BID.

(R-7) FOR TYPE A-SALVAGED TOPSOIL PRICE BID TO INCLUDE THE COST OF 0-46-0 FERTILIZER, ESTIMATED AT 150 LBS PER ACRE. FOR SOLID SLAB SODDING PRICE BID TO INCLUDE THE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 LBS PER 1000 SY.

(R-8) FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GAL PER S.Y.

(R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 2.48 ACRES.

(R-16) QUANTITY BASED ON TWO APPLICATIONS.

(R-25) ESTIMATED AT 120 LB PER CF.

(R-28) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL PER SY WHEN APPLIED TO SUBGRADE, AND 0.25 GAL PER SY WHEN APPLIED TO AGGREGATE BASE. THE ACTUAL CUTBACK PRIME COAT REQUIRED FOR PLACEMENT OPERATIONS WILL BE DETERMINED BY THE CONTRACTOR, AND SHALL CONSIDER THE RESIDUE FROM DISTILLATION PERCENTAGE SHOWN IN SECTION 708.03 OF THE STANDARD SPECIFICATIONS.

(R-32) ESTIMATED AT 112 LB PER SY PER 1" THICK.

(R-44) PRICE BID TO INCLUDE COST OF 0 - 4" MOUNTABLE CURB HOODS, 0 - 6" MOUNTABLE CURB HOODS, 56 - 6" BARRIER CURB HOODS, 0 - 8" BARRIER CURB HOODS.

(R-48) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.

(R-49) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(R-50) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.

(R-52) INCLUDES 2% FOR GROUND MEASUREMENT.

PAY QUANTITY NOTES (CONT)

(1) ALL TREE REMOVAL TO BE INCLUDED IN PRICE BID FOR CLEARING & GRUBBING, EVEN WHEN TREES ARE NOT SHOWN ON THE PLANS. SEE ENGINEER BEFORE REMOVING ANY TREES.

(2) INCLUDES 100 CY FOR MISC. EARTHWORK WHERE NO QUANTITY IS SHOWN ON P&P

(3) INCLUDES 204 CY FOR AREAS BACKFILLED ON TYPICAL SECTIONS 1-4

(4) THE CONTRACTOR SHALL SUBMIT A STORM WATER POLLUTION PREVENTION PLAN BEFORE THE PRE-WORK MEETING. THE PLAN CONFIRMED IN THE PRE-WORK MEETING & MADE AVAILABLE ON THE JOB SITE.

(5) PRICE BID INCLUDES TEMPORARY SEDIMENT REMOVAL AND MAINTENANCE OF EROSION CONTROL ITEMS.

(6) SEE NOTES ON STD. TSC2-3 FOR CONSTRUCTION OF SILT FENCE.

(7) INCLUDES 500 SY FOR MISC. AREAS WHEN AND WHERE APPROVED BY THE ENGINEER.

(8) WATER SLAB SOD UNTIL SUBSTANTIAL GROWTH IS ESTABLISHED. FIFTY PERCENT (50%) OF SODDING WILL BE PAID AT PLACEMENT AND THE FINAL FIFTY PERCENT (50%) WILL BE PAID WHEN ONE HUNDRED PERCENT (100%) OF ALL GROWING SOD, AS DETERMINED BY THE ENGINEER, IS ESTABLISHED.

(9) VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "MULCHING-TILLER METHOD", AS SPECIFIED IN 233.04B(2) OF THE STANDARD SPECIFICATIONS.

(10) INCLUDES 100 TONS FOR STABILIZED CONSTRUCTION ENTRANCES AND TEMPORARY DRIVES. ESTIMATED QUANTITY TO BE USED AS APPROVED BY THE ENGINEER.

(11) T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED BY THE ENGINEER.

(12) ESTIMATED AT 0.075 GAL PER SY PRIOR TO DILUTION.

(13) INCLUDES 3 TON FOR MISC. AREAS DETERMINED BY THE ENGINEER.

(14) INCLUDES 100 LF FOR MISC. AREAS WHEN AND WHERE APPROVED BY THE ENGINEER.

(15) PRICE BID FOR THIS ITEM TO INCLUDE COST OF CONSTRUCTION OF WHEELCHAIR RAMPS WHERE INDICATED ON THE PLANS AND SHOWN ON ENID STD. PS-5 & PS-6 AND ODOT STD WCR-3. PAY ITEM INCLUDES ALL WHEELCHAIR RAMPS, CURB REMOVAL, SAWING PAVEMENT AND ALL OTHER MISCELLANEOUS WORK NEEDED TO COMPLETE THE RAMP. INSTALLATION SHALL BE INCLUDED IN THE BID PRICE. EACH WHEELCHAIR RAMP MUST INCLUDE A TACTILE WARNING SYSTEM AS SHOWN ON ODOT STANDARD TWD-1.

TACTILE WARNING SYSTEMS THAT ARE STAMPED INTO THE SIDEWALK OR RAMP SURFACE WHEN WET WILL NOT BE ALLOWED. TACTILE WARNING SYSTEMS CONSISTING OF INDIVIDUAL ADHESIVE-BACKED TRUNCATED DOMES WILL NOT BE ACCEPTED. THE COST OF THE TACTILE WARNING SYSTEM SHALL BE INCLUDED IN PRICE BID FOR SIDEWALK. INCLUDES 168 SF OF TACTILE WARNING DEVICE.

(16) INCLUDES 125 SY FOR POSSIBLE NEW DRIVES NOT SHOWN ON THE PLANS AND MISC. AREAS DETERMINED BY THE ENGINEER. TO BE USED ONLY IN A MANNER APPROVED BY THE ENGINEER.

~~1 (17) INCLUDES ONE SPECIAL DESIGN INLET TYPE 7-4. SEE SHEET 38 & 39.~~

(18) PRICE BID TO INCLUDE ALL COSTS OF INLET CONSTRUCTION INCLUDING BUT NOT LIMITED TO REINFORCING STEEL, CONCRETE, FRAMES AND GRATES.

(19) ADA APPROVED MANHOLE COVERS SHALL BE USED IN ALL LOCATIONS WHERE MANHOLE COVERS ARE CONSTRUCTED IN SIDEWALKS.

(20) PRICE BID TO INCLUDE COST OF MANHOLE FRAME AND COVER AND ANY ADDITIONAL DEPTH AND OTHER ITEMS NECESSARY TO COMPLETE INSTALLATION.

(21) TRENCH EXCAVATION, ITEM NO. 613(V) AND STANDARD BEDDING MATERIAL, ITEM NO. 613(T) SHALL BE INCLUDED IN PRICE BID FOR PIPES.

(22) ALL PIPES UNDERNEATH PROPOSED PAVEMENT WILL BE GASKETED JOINTS.

(23) EXISTING ROADWAY DRAINAGE STRUCTURES NOT SPECIFICALLY CALLED OUT FOR REMOVAL ON THE REMOVAL SHEETS, INCLUDING THE STORM TRUNKLINE PLACED IN THE PROJECT TO THE SOUTH SHALL REMAIN IN PLACE AND UNDISTURBED.

(24) SAWING PAVEMENT WHEN AND WHERE APPROVED BY THE ENGINEER. SEE REMOVAL SHEETS FOR LOCATIONS.

(25) IN ADDITION TO THE RESPONSIBILITIES SHOWN IN THE SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND/OR RE-ESTABLISHING THE SURVEY CONTROL POINTS AND SECTION CORNERS SHOWN ON THE PLANS, STAKING THE CENTERLINE OF CONSTRUCTION AND RE-ESTABLISHING RIGHT-OF-WAY STAKES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING BENCHMARKS SHOWN ON THE SURVEY TO BE DONE BY REGISTERED P.L.S.

(26) CLASS AA CONCRETE SHALL BE USED FOR ALL CONCRETE PAVEMENT.

(27) TO BE USED FOR THE 6" MEDIAN DIVIDING STRIP.

(28) COLD MILLING TO BE PAID FOR AS ONE PASS REGARDLESS OF NUMBER OF PASSES REQUIRED. MILLINGS TO BECOME THE PROPERTY OF THE CITY OF ENID AND BE DELIVERED TO THE SERVICE CENTER LOCATED AT 1500 W. POPLAR. CONTACT BILLY McBRIDE (508) 606-7304. MATERIAL TO BE APPROVED BY THE CITY ENGINEER.

(29) INCLUDES REMOVAL OF HEADWALL.

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	STATE JOB NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	OKLA	17020(05)		5	

DESCRIPTION	REVISIONS	DATE
▲	REMOVED NOTE #17	10-06-17

EROSION CONTROL PAY QUANTITY NOTES

(H-1) ESTABLISHED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

A COPY OF THE EROSION CONTROL SITE PLAN MUST BE ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL EROSION CONTROL DEVICES DAMAGED DUE TO CONSTRUCTION.

SUGGESTED SEQUENCE OF CONSTRUCTION

INTERSECTION OF W. CHESTNUT AVE. AND N. CLEVELAND ST. TO REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION PHASES.

- PH. 1.1
 - REDUCE WEST SIDE OF W. CHESTNUT AVE. TO TWO-WAY TRAFFIC, ONE LANE EACH DIRECTION, AND SHIFT TO NORTH SIDE OF ROAD.
 - REDUCE EAST SIDE OF W. CHESTNUT TO ONE LANE, WESTBOUND ONLY.
 - CLOSE CLEVELAND SOUTH OF INTERSECTION
- PH. 1.2
 - CONSTRUCT DRAINAGE ON SOUTH SIDE OF W. CHESTNUT AVE.
 - CONSTRUCT RCB AND DRAINAGE STRUCTURES ON SOUTH SIDE OF N. CLEVELAND ST.
 - CONSTRUCT PAVEMENT AND GRADE DITCHES IN WORK AREA.

- PH. 2.1
 - REDUCE WEST SIDE OF W. CHESTNUT TO ONE LANE, EASTBOUND ONLY.
 - RESTRICT EAST SIDE OF W. CHESTNUT TO RIGHT OR LEFT TURN ONLY AT THE INTERSECTION. NO THROUGH TRAFFIC WESTBOUND.
 - REDUCE NORTH SIDE OF N. CLEVELAND ST TO TWO LANES, ONE IN EITHER DIRECTION, SHIFT TRAFFIC TO THE EAST.
 - RESTRICT TRAFFIC SOUTH SIDE OF N. CLEVELAND ST, USE EAST SIDE LANES & BARRICADE WEST SIDE.

- PH. 2.2
 - CONSTRUCT DRAINAGE ON NORTH SIDE OF W. CHESTNUT AVE.
 - CONSTRUCT RCB NORTH SIDE OF N. CLEVELAND ST.
 - CONSTRUCT PAVEMENT AND FINISH GRADING IN WORK AREA.
 - STRIPE WEST SIDE OF W. CHESTNUT.

- PH. 3.1
 - REDUCE EAST SIDE OF W. CHESTNUT TO ONE LANE, EASTBOUND ONLY.
 - REDUCE NORTH SIDE OF N. CLEVELAND ST TO TWO LANES, ONE IN EITHER DIRECTION, SHIFT TRAFFIC TO THE WEST.
 - RESTRICT TRAFFIC SOUTH SIDE OF N. CLEVELAND ST, USE WEST SIDE LANES & BARRICADE EAST SIDE.

- PH. 3.2
 - CONSTRUCT DRAINAGE ON NORTH SIDE OF W. CHESTNUT AVE.
 - CONSTRUCT DRAINAGE EAST SIDE OF N. CLEVELAND ST.
 - CONSTRUCT PAVEMENT AND FINISH GRADING IN WORK AREA.
 - STRIPE NORTH SIDE OF N. CLEVELAND ST. & WEST SIDE OF W. CHESTNUT.
 - STRIPE SOUTH SIDE OF N. CLEVELAND ST.
 - STRIPE EAST SIDE OF W. CHESTNUT

CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE-OF-CONSTRUCTION, FOR REVIEW, WHICH MAINTAINS ACCESS TO ALL BUSINESSES AND DRIVEWAYS AT ALL TIMES.

DESIGN	Tt		OKLAHOMA DEPARTMENT OF TRANSPORTATION SUMMARY OF PAY QUANTITY NOTES (ROADWAY) STATE JOB NO. <u>17020(05)</u> SHEET NO. <u>5</u>	
DRAWN	MJS			
CHECKED	Tt			
APPROVED	DNP			
SQUAD	Tt			