

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	STATE JOB NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA	29289(04)		5	
DESCRIPTION				REVISIONS	DATE

GENERAL CONSTRUCTION NOTES

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL TEMPORARY DRAINAGE STRUCTURES REQUIRED AT TEMPORARY DRIVES. COST OF TEMPORARY DRAINAGE TO BE INCLUDED IN OTHER ITEMS OF WORK. DESIGN OF TEMPORARY DRAINAGE STRUCTURES TO BE THE RESPONSIBILITY OF THE CONTRACTOR. EXISTING PIPES TO BE REMOVED FROM THE PROJECT MAY BE SALVAGED AND USED AS TEMPORARY PIPES IF THE SEQUENCE OF CONSTRUCTION ALLOWS.

A NEAT EDGE SHALL BE MAINTAINED BETWEEN REMOVAL SIDE AND TRAFFIC SIDE DURING CONSTRUCTION PHASING.

A WORK ZONE NOTICE MUST BE FILED WITH THE TRAFFIC MANAGEMENT DIVISION AT LEAST FOURTEEN (14) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. CALL (405) 297-2631 TO OBTAIN A COPY OF THIS FORM.

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.

ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER SHALL 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.

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.

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. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

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.

THE CONTRACTOR SHALL KEEP ALL OPEN TRENCHES DRAINED. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

PIPE UNDERDRAIN QUANTITIES ESTIMATED ONLY. LOCATION, IF REQUIRED, TO BE DETERMINED BY THE ENGINEER.

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

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 611.

ENVIRONMENTAL MITIGATION NOTES

LOCATIONS OUTSIDE THE PROJECT AREA IN THE FOLLOWING AREA MUST NOT BE UTILIZED FOR BORROW, EQUIPMENT STAGING, HAUL ROADS, SPOIL DUMPS OR ANY OFF-SITE PROJECT-RELATED ACTIVITY.

T&N R2W:

SECTION 17: N 1/2 NE 1/4 NW 1/4
SE 1/4 SE 1/4 SE 1/4

SECTION 5: N 1/2 NW 1/4 SE 1/4

MIGRATORY BIRD:
MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT. MANY BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR MOST BIRD SPECIES EXTENDS FROM APRIL 1 TO AUGUST 31. THE PROJECT WAS SURVEYED FOR MIGRATORY BIRD NESTS IN 2015. ALTHOUGH NO NESTS WERE OBSERVED, THE SURVEY IS VALID ONLY UNTIL THE 2015 NESTING SEASON. THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST AT 405-521-2515 IF ANY BIRD USE OF THE EXISTING STRUCTURES IS OBSERVED. IF BIRDS ARE OBSERVED THEN PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING BRIDGE/STRUCTURES SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND MARCH 31, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED.

EROSION CONTROL NOTES

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.

CONSTRUCTION ACTIVITIES THAT RESULT IN LAND DISTURBANCE OF EQUAL TO OR GREATER THAN ONE (1) ACRE, OR LESS THAN ONE (1) ACRE IF THEY ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT TOTALS AT LEAST ONE (1) ACRE MUST ALSO OBTAIN A PERMIT FROM ODEQ (FORM 605-002a) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.

PAY QUANTITY NOTES

- (R-4) INCLUDES 250 CU.YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.
- (R-5) AN ESTIMATED QUANTITY OF 1790 C.Y. 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 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 S.Y.
- (R-8) FOR SOLID SLAB SODDING PRICE BID TO INCLUDE THE COST OF WATERING, ESTIMATED AT 40 GALLONS PER S.Y.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 1.0 ACRE.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-20) ESTIMATED AT 108 LBS. PER SQ.YD. (SOIL EST. AT 120 LBS. PER C.F.)
- (R-28) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. OF PER SQ. YD. WHEN APPLIED TO SUBGRADE, AND 0.25 GAL. PER SQ. YD. 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 LBS. PER S.Y. PER 1" THICK.
- (R-40) INCLUDES 22 C.Y. TO BE USED FOR CONCRETE MEDIANS OR ISLANDS. TO BE FINISHED IN ACCORDANCE WITH SEC. 610.04 OF THE STANDARD SPECIFICATIONS.
- (R-41) QUANTITY INCLUDES AN ESTIMATED 10 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.
- (R-44) PRICE BID TO INCLUDE COST OF 1,000 - 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 SEC. 202.06 UNCLASSIFIED EXCAVATION.

PAY QUANTITY NOTES CONTINUED

- (1) ALL TREE REMOVAL TO BE INCLUDED IN PRICE BID FOR CLEARING AND GRUBBING, EVEN WHEN TREES ARE NOT SHOWN ON THE PLANS. SEE ENGINEER BEFORE REMOVING ANY TREES. TREES OUTSIDE THE TOE OF SLOPE NOT INTERFERING WITH CONSTRUCTION SHALL BE LEFT IN PLACE.
- (2) ESTIMATED QUANTITY TO BE USED IN A MANNER APPROVED BY THE ENGINEER.
- (3) INCLUDES 500 L.F. FOR MISC. EARTHWORK WHERE NO QUANTITY IS SHOWN ON P&P SHEETS.
- (4) INCLUDES TEMPORARY SEDIMENT REMOVAL AND MAINTENANCE OF EROSION CONTROL ITEMS.
- (5) WATERING AND FERTILIZING TO BE INCLUDED IN PRICE FOR SODDING. WATER IS ESTIMATED AT 40 GALLONS PER S.Y. OF SODDING. 10-20-10 FERTILIZER ESTIMATED AT 200 LB PER 1000 S.Y. OF SODDING.
- (6) SEE NOTES ON STD. TSC2-3 FOR CONSTRUCTION OF SILT FENCE.
- (7) INCLUDES 1000 S.Y. 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 SEVENTY PERCENT (70%) SUBSTANTIAL GROWTH, AS DETERMINED BY THE ENGINEER, IS ESTABLISHED.
- (9) INCLUDES 100 TONS FOR AREAS NOT SHOWN ON THE PLANS AND MISC. AREAS DETERMINED BY THE ENGINEER. TO BE USED ONLY IN A MANNER APPROVED BY THE ENGINEER.
- (10) PROPOSED THICKNESS OF CEMENT TREATED BASE IS 4". SEE TYPICAL SECTION SHEET 2 AND 3 FOR THE DETAIL.
- (11) PAY ITEM TO INCLUDE COST OF CURB OPENINGS.
- (12) PAY ITEM TO INCLUDE TREE REMOVAL.
- (13) 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 ALONG WITH COPIES OF THE NOTICE OF INTENT.
- (14) INCLUDES 150 S.Y. 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.
- (15) 2 INCH SAND CUSHION TO BE PLACED UNDER ALL CONCRETE SIDEWALKS, PRICE TO BE INCLUDED IN PRICE BID FOR SIDEWALK.
- (16) TRENCH EXCAVATION, ITEM NO. 613(V), AND STD. BEDDING MATERIAL CLASS B ITEM NO. 613(T) SHALL BE INCLUDED IN PRICE BID FOR R.C. PIPE.
- (17) INCLUDES 350 C.Y. FOR AREAS REQUIRING UNDERCUTTING OF SUBGRADE AS DETERMINED BY THE ENGINEER.
- (18) INCLUDES 100 L.F. FOR MISC. AREAS WHEN AND WHERE APPROVED BY THE ENGINEER.
- (19) PRICE BID FOR THIS ITEM TO INCLUDE COST OF CONSTRUCTION OF WHEELCHAIR RAMPS WHERE INDICATED ON THE PLANS AND AS SHOWN ON ODOT STANDARD 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.
- (20) ADA APPROVED MANHOLE COVERS SHALL BE USED IN ALL LOCATIONS WHERE MANHOLE COVER ARE CONSTRUCTED IN SIDEWALKS.
- (21) PRICE BID TO INCLUDE COST OF MANHOLE FRAME AND COVER AND ANY OTHER ITEMS NECESSARY TO COMPLETE INSTALLATION.
- (22) PRICE BID TO INCLUDE ALL COST OF INLET CONSTRUCTION INCLUDING BUT NOT LIMITED TO, REINFORCING STEEL, CONCRETE, FRAMES AND GRATES.
- (23) SAWING PAVEMENT WHEN AND WHERE APPROVED BY THE ENGINEER. SEE REMOVAL DETAIL FOR EXACT LOCATION.
- (24) DUE TO THE HIGH VOLUME OF TRAFFIC ON THIS PROJECT, A REASONABLE DEGREE OF SMOOTHNESS MUST BE OBTAINED. FOR THIS REASON THE EXCEPTION FOR SMOOTHNESS SHOWN IN SPECIAL PROVISION 430-2QA (d-1)09(11-17-11) SECTION 430.04(b)3 SHALL BE DELETED.

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DESIGN	SKC		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TL		
CHECKED	SKC		
APPROVED	MNR		
SQUAD	TL		
SUMMARY OF PAY QUANTITY NOTES			
STATE JOB NO. <u>29289(04)</u>			SHEET NO. <u>5</u>
			CLEVELAND COUNTY