

0100 PAY QUANTITIES ROADWAY				
Item	Description	Units	Quantity	
202(H)	0185 Earthwork	(3) L.Sum	1.00	
221(C)	2801 Temporary Silt Fence	(R-16)(2)(5) L.F.	3,200.00	
221(F)	0100 Temporary Silt Dike	(R-16)(2)(5) L.F.	392.00	
230(A)	2806 Solid Slab Sodding	(R-7)(R-8) S.Y.	15,378.00	
233(A)	2817 Vegetative Mulch	(R-11) AC.	3.18	
307(A)	4200 Fly Ash	(R-20) Ton	350.00	
307(E)	4240 Cementitious Stabilized Subgrade	S.Y.	6,603.00	
402(E)	0225 Traffic Bound Surface Course Type E	Ton	38.00	
407(B)	0250 Tack Coat	(1) Gal	347.00	
408	5774 Prime Coat	(R-28) Gal	2,401.00	
411(B)	5945 Superpave, Type S3 (PG 64-22 OK)	(R-32) Ton	1,521.00	
411(C)	5960 Superpave, Type S4 (PG 64-22 OK)	(R-32) Ton	770.00	
509(D)	0325 Class C Concrete	(R-41) C.Y.	10.00	
613(B)	0692 36" Corr. Galv. Steel Pipe	L.F.	140.00	
613(B)	4527 21" X 15" Corr. Galv. Steel Pipe Arch	L.F.	100.00	
613(M)	7186 Type A4 Culvert End Treatment	(6) EA.	4.00	
613(M)	7189 Type D4 Culvert End Treatment	(6) EA.	4.00	
619(A)	0920 Removal of Structures & Obstructions (R-49)(R-48)	L. Sum	1.00	
619(B)	4728 Removal of Asphalt Pavement	(R-49) S.Y.	4,994.00	
619(B)	6363 Removal of Existing Rip Rap	(7) L.Sum	1.00	
619(C)	0924 Sawing Pavement	L.F.	48.00	
856(A)	8530 Traffic Stripe (Multi-Polymer)(4" Wide)	L.F.	8,500.00	
880(J)	8905 Construction Traffic Control	L. Sum	1.00	
220	2800 SWPPP Documentation and Management	L. Sum	1.00	
641	1552 Mobilization	L. Sum	1.00	
642(B)	0096 Construction Staking Level II	(4) L. Sum	1.00	

**PAY ITEM NOTES**

- (R-7) PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1,000 S.Y. OF SODDING.
- (R-8) PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SQ. YD. OF SODDING.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 3.18 ACRES.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-20) ESTIMATED AT 100.8 LBS. PER SQ. YD. (SOIL EST. AT 120 LBS. PER CU. FT.)
- (R-28) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. OF RESIDUAL ASPHALT PER SQ. YD. WHEN APPLIED TO SUBGRADE, AND 0.25 GAL. OF RESIDUAL ASPHALT 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 SQ. YD. PER 1" THICK.
- (R-41) QUANTITY INCLUDES AN ESTIMATED 10 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.
- (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.

**PAY ITEM NOTES CONT.**

- (1) ESTIMATED AT 0.05 GAL./S.Y..
- (2) PRICE BID INCLUDES COST OF TEMPORARY SEDIMENT REMOVAL AS DIRECTED BY THE ENGINEER.
- (3) THIS PAY ITEM TO INCLUDE ROADWAY EXCAVATION, CHANNEL EXCAVATION, UNCLASSIFIED BORROW, CLEARING AND GRUBBING, AND CONSTRUCTION OF ROADWAY EMBANKMENT. INCLUDES ALL COST TO REMOVE, STOCKPILE AND REPLACE THE TOP SOIL ON THE FINISHED GRADING SLOPES IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. PRICE BID ALSO INCLUDES COST OF 18-46-0 FERTILIZER ESTIMATED AT 150 LBS. PER ACRE. ANY MATERIAL NOT SUITABLE FOR ROADWAY EMBANKMENT TO BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.
- (4) CONSTRUCTION STAKING SHALL INCLUDE ESTABLISH AND RE-ESTABLISH STAKING OF CENTERLINE, BENCHMARKS, AND RIGHT OF WAY. INCLUDES SLOPE STAKING, STRUCTURE ITEM AND BRIDGE STAKING, ROADWAY STAKING (DRIVEWAYS INCLUDED), BLUETOPPING, AND CHECKING ALIGNMENTS AND ELEVATIONS AS REQUIRED.
- (5) ESTIMATED QUANTITY ONLY. LOCATION AND ACTUAL QUANTITY REQUIRED TO BE DETERMINED BY THE ENGINEER.
- (6) CULVERT END TREATMENTS ARE TO BE NON-GRATED.
- (7) PRICE BID INCLUDES THE COST TO REMOVE, STOCKPILE, AND PLACE THE EXISTING RIP RAP ON THE FINISHED SLOPES AROUND THE BRIDGES.

**COUNTY ROAD GENERAL CONSTRUCTION NOTES**

EXISTING ROAD SHALL BE CLOSED TO THROUGH TRAFFIC. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNS, BARRICADES, LIGHTS, ETC. IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION, AND AS SHOWN ON TCD STANDARD DRAWINGS. COST OF CONTRACTORS SIGNING WILL BE INCLUDED IN PRICE BID FOR "CONSTRUCTION TRAFFIC CONTROL".

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.

THE CONTRACTOR SHALL NOT WASTE ANY EXCESS EXCAVATION UNTIL ALL PLANNED EMBANKMENTS AND BACKFILLS ARE COMPLETED. EXCESS UNCLASSIFIED EXCAVATION MATERIAL DETERMINED BY THE ENGINEER TO BE SUITABLE FOR BACKFILL SHALL BE USED TO REDUCE ANY UNCLASSIFIED BORROW NEEDED. COST OF SECOND HANDLING SHALL BE INCLUDED IN OTHER ITEMS OF WORK. ANY REMAINING EXCESS EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION PHASING AND TRAFFIC MANAGEMENT PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION OPERATIONS BEGIN. THE TRAFFIC MANAGEMENT PLAN SHALL CONFORM TO ODOT'S LATEST STANDARDS AND MUTCD GUIDELINES.

THE CONTRACTOR SHALL MAKE EVERY EFFORT TO LOCATE AND PROTECT ALL UTILITIES AND STRUCTURES, WHETHER SHOWN OR NOT, PRIOR TO ANY CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CARRY ON CONSTRUCTION SUCH AS NOT TO DAMAGE ANY UTILITIES OR STRUCTURES REMAINING IN PLACE. THE CONTRACTOR SHALL CONTACT OKIE BEFORE PERFORMING ANY EXCAVATIONS.

THE CONTRACTOR SHALL GIVE NOTICE TO THE COUNTY, AND CED8 AND ODOT DIV. 4 IN WRITING, FOURTEEN CALENDAR DAYS BEFORE WORK BEGINS ON THIS PROJECT.

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.

**COUNTY RESPONSIBILITIES**

- 1.) ACQUIRING ALL REQUIRED R/W.
- 2.) REMOVAL AND RESETTING ALL FENCES ON RIGHT-OF-WAY LINE.
- 3.) RELOCATING ALL UTILITIES.
- 4.) DETOUR SIGNING IF NECESSARY.
- 5.) REPLACE OR RELOCATE MAIL BOXES.

**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.

- T26N R2E:
  - Section 5: NE1/4 SE1/4
  - SW1/4 NE1/4
  - N1/2 SE1/4 SE1/4
  - SW1/4 NW1/4 SE1/4
  - W1/2 SW1/4 SE1/4
  - Section 8: NW1/4 SE1/4
  - NE1/4 NE1/4
  - S1/2 SE1/4 SW1/4
  - NW1/4 NE1/4 NE1/4
  - NE1/4 NW1/4 NE1/4
  - S1/2 NW1/4 NE1/4
  - N1/2 SW1/4 NE1/4
  - Section 9: SE1/4 NW1/4 SW1/4
  - Section 17: N1/2 NW1/4

Cliff Swallows and Barn Swallows are small colonial nesting birds protected by the federal Migratory Bird Treaty Act. These species commonly use bridges and culverts for nesting. The nesting season for the swallows runs from April 1 to August 31. Any activities which would destroy active nests or harm eggs or birds would violate the Migratory Bird Treaty Act. Swallow use of all the bridges within the project was not observed during the initial surveys conducted as part of the biological studies in March 2012. Swallows may occupy the bridge in the future nesting seasons. The Resident Engineer will evaluate the contractor's proposed work methods and conclude whether the proposed work would pose disruption to any nesting birds before work near the structure is authorized. If the proposed work will harm any nesting birds, the bridge may be netted prior to April 1 or the work delayed until the nesting season is complete. Methods other than netting must be pre-approved by the ODOT Biologist

DESIGN	TDS	5/15	EW 18	KAY CO.
DRAWN				
CHECKED				
APPROVED	TDS	5/17	<b>SUMMARY OF PAY QUANTITIES AND NOTES (ROADWAY)</b> STATE JOB NO. STP-236C(039)CI J/P-28433(04) SHEET NO. AR01	
SQUAD				