

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.

MAINTENANCE OF THROUGH TRAFFIC INCLUDES THE MAINTENANCE OF THE EXISTING ROAD IN CLOSE PROXIMITY TO THE NEW CONSTRUCTION AS SHOWN ON THE PLANS.

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

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 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 OF TEMPORARY FENCING SHALL 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.

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.

TEMPORARY SEEDING MIX SHALL BE AS FOLLOWS:

KINDS OF SEED TO BE FURNISHED	QUANTITY PER ACRE
PERENNIAL RYEGRASS (LOLIUM PERENNE)	20 LBS. OF SEED
CRIMSON CLOVER (TRIFOLIUM INCARNTUM)	12 LBS. OF SEED

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.

THE PLANTING OF TEMPORARY SEEDS SHALL BE RESTRICTED TO THE PERIOD FROM SEPTEMBER 1ST TO NOVEMBER 15TH.

AREAS ON WHICH SALVAGED TOPSOIL IS TO BE REPLACED SHALL HAVE 18-46-0 FERTILIZER APPLIED, AT THE RATE OF 150 POUNDS PER ACRE, JUST PRIOR TO THE REPLACEMENT OF SALVAGED TOPSOIL.

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

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

T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED 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.

EXCESS ASPHALT AT JOINTS AND CRACKS IN EXISTING PAVEMENT SHALL BE REMOVED FLUSH TO TOP OF PAVING IN A MANNER APPROVED BY THE ENGINEER.

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 9.21 CU. YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.
- (R-5) AN ESTIMATED QUANTITY OF 6,548.36 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 SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1,000 SQUARE YARDS. FOR TYPE A SALVAGED TOPSOIL, PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER ESTIMATED AT 150 POUNDS PER ACRE.
- (R-8) FOR SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SQUARE YARD.
- (R-11) THE QUANTITY ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 11.88 ACRES.

PAY QUANTITY NOTES

- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-25) ESTIMATED AT 146 LBS. PER CU. FT.
- (R-28) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. 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 SQ. YD. PER 1" THICK.
- (R-44) PRICE BID TO INCLUDE COST OF 5 - 6" BARRIER CURB HOODS.
- (R-46) ANY DRAINAGE STRUCTURE DESCRIBED AS TEMPORARY, SHALL AFTER COMPLETION OF THE PROJECT, BE REMOVED BY AND BECOME THE PROPERTY OF THE CONTRACTOR.
- (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 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.
- (R-53) ALL GATES AND GATE END POSTS FOR STRANDED WIRE FENCE (SWF) SHALL BE CONSTRUCTED AT THE SAME WIDTH AS THE EXISTING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

PAY ITEM NOTES

- (1) PAY ITEM TO INCLUDE REMOVAL OF CONCRETE SLAB ON PARCEL 7.
- (2) USE 3-1/2" DIA. X 8'-0" LONG GALV. STEEL (SCH. 40) PIPE FOR CORNER, STRETCHER & END POST AND 2" DIA. GALV. STEEL PIPES (SCH. 40) AS BRACING. ATTACH BRACE POST USING STANDARD CHAIN LINK FENCE HARDWARE MEETING THE REQUIREMENTS OF AASHTO M 181 AND ASTM A53. SEE CHAIN LINK FENCE DETAILS ON ROADWAY STANDARD RWF3-2. USE CORNER & STRETCHER POSTS DETAIL, NOT THE CORNER & STRETCHER POSTS DETAIL ALTERNATE SHOWN ON STANDARD RWF2-2 TO CONSTRUCT. PLACE CLASS A CONCRETE FOOTING AS PER ALTERNATE POST OPTION. OMIT TENSION WIRES. GATE POST WILL BE 5-9/16" DIA. X 8' LONG AND MEET THE REQUIREMENTS OF STANDARD RWF3-2 POST AND FRAMEWORK SCHEDULE GATE POST OVER 12' TO 18' WIDE. NO WOODEN POST WILL BE ALLOWED.
- (3) GATES SHALL BE MADE OF 6 RAILS, 2" TUBE DIAMETER 16 GAUGE MATERIAL, HT - 50 INCHES, PAINTED AND 2 EA. 3/4" X 12" HINGE PINS TO MOUNT TO THE 5-9/16 POST. FENCE WILL NOT BE MEASURED FOR PAYMENT ON SWF THROUGH THE EXTENTS THAT GATES ARE PLACED.
- (4) THIS PAY ITEM WILL INCLUDE THE SKT-SP-MSG OR APPROVED SUBSTITUTE. THE ET-PLUS WILL NOT BE ALLOWED.
- (5) COST TO INCLUDE REMOVAL OF SEDIMENT. SEDIMENT TO BE REMOVED WHEN HALF FULL OR AS DIRECTED BY THE ENGINEER.
- (6) TO BE USED AT THE DISCRETION OF THE ENGINEER.
- (7) REMOVE VIA COLD MILLING. TO BECOME PROPERTY OF ODOT, STOCKPILE WITHIN 3 MILES OF PROJECT.
- (8) PRICE BID TO INCLUDE THE CHEMICAL ADDITIVE(S) TO ACHIEVE THE RATE SPECIFIED FOR THE APPROPRIATE SOIL CLASSIFICATION AS SPECIFIED IN THE MOST CURRENT ODOT MATERIALS DIVISION OHD L-50. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLASSIFY THE SOIL AND DETERMINE THE APPROPRIATE ADDITIVE(S).
- (9) SEE SECTION 5 OF THE EMBANKMENT INVESTIGATION REPORT FOR SETTLEMENT TIME.
- (10) OUTFALL OF EDGE DRAIN TO BE LOCATED AT PROPOSED CURB INLETS WHERE FEASIBLE.
- (11) INCLUDES ADDITIONAL 2,983.83 CY FOR SETTLEMENT.
- (12) BENCH ACCORDING TO SPECIFICATIONS.
- (13) TO BE CONSTRUCTED AT THE APPROVAL OF THE ENGINEER.
- (14) CONTRACTOR TO PREVENT SEDIMENT FROM ENTERING STORMWATER DRAINAGE SYSTEM.
- (15) THE PRICE BID WILL INCLUDE REMOVING THE FOLLOWING ITEMS THAT MAY OR MAY NOT BE PRESENT IN ANY SPECIFIED CONDITION. CONCRETE SLAB IS NOT TO BE REMOVED UNTIL ENVIRONMENTAL REMEDIATION IS COMPLETED.

PARCEL IMPROVEMENTS	
STATION	IMPROVEMENT
106+32R 103' CLS US HWY 75A	5,094 SF CONCRETE FOUNDATION, CONCRETE SIDEWALKS & CONCRETE APRON
106+64R 45' CLS US HWY 75A	864 SF CONCRETE PAVEMENT

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				
DESCRIPTION			REVISIONS	DATE	
ADDED PAY ITEM NOTE				7/20/16	
ADDED SIGNATURE				7/21/16	

0100 ROADWAY		PAY QUANTITIES		27075(04)	
ITEM NO.	CODE NO.	DESCRIPTION	UNIT	QUANTITY	
201(A)	0102	CLEARING AND GRUBBING	LSUM	1.00	
202(A)	0183	UNCLASSIFIED EXCAVATION	(R-1) CY	37,435.00	
202(D)	0184	UNCLASSIFIED BORROW	(9)(11)(12)(R-1)(R-4) CY	112,758.00	
205(A)	4229	TYPE A - SALVAGED TOPSOIL	(R-5)(R-7) LSUM	1.00	
221(C)	2801	TEMPORARY SILT FENCE	(5) LF	4,137.00	
221(F)	0100	TEMPORARY SILT DIKE	(5) LF	126.00	
221(K)	0600	TEMPORARY FIBER LOG	(5) LF	2,472.00	
230(A)	2806	SOLID SLAB SODDING	(R-7)(R-8) SY	47,149.00	
232(B)	2814	SEEDING METHOD B	AC.	11.88	
233(A)	2817	VEGETATIVE MULCHING	(R-11) AC.	11.88	
241	2832	MOWING	(R-16) AC.	42.96	
242	0400	(PL) STABILIZED CONSTRUCTION EXIT	(13) EA.	2.00	
303(A)	2100	AGGREGATE BASE TYPE A	CY	5,294.00	
307(K)	4300	STABILIZED SUBGRADE	(8) SY	25,274.00	
325	5271	SEPARATOR FABRIC	SY	19,569.00	
402(E)	0225	TRAFFIC BOUND SURFACE COURSE TYPE E	(R-25) TON	3,432.00	
407(B)	0250	TACK COAT	GAL.	3,618.00	
408	5774	PRIME COAT	(R-28) GAL.	14,506.00	
411(B)	5940	SUPERPAVE, TYPE S3 (PG 70-28 OK)	(R-32) TON	1,315.00	
411(B)	5945	SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-32) TON	7,042.00	
411(C)	5955	SUPERPAVE, TYPE S4 (PG 70-28 OK)	(R-32) TON	862.00	
411(C)	5960	SUPERPAVE, TYPE S4 (PG 64-22 OK)	(R-32) TON	1,881.00	
411(I)	6310	SUPERPAVE, TYPE S4 (PATCH) (PG 64-22 OK)	(6)(R-32) TON	50.00	
514(J)	6390	TEMPORARY SHEET PILING	LSUM	1.00	
609(B)	1524	2'-8" COMB. CURB & GUTTER (6" MNTBLE)	LF	113.00	
609(B)	1525	2'-8" COMB. CURB & GUTTER (6" BARRIER)	LF	1,671.00	
610(A)	0604	5" CONCRETE SIDEWALK	SY	667.00	
610(A)	0652	5" DECORATIVE CONCRETE SIDEWALK	SY	267.00	
610(C)	0609	6" CONCRETE DIVIDING STRIP	SY	7.00	
610(I)	4610	TACTILE WARNING DEVICE - NEW	SF	20.00	
611(G)	5112	INLET C1 DES. 2 (STD)	(14)(R-44) EA.	2.00	
611(G)	5113	INLET C1 DES. 2 (B)	(14)(R-44) EA.	1.00	
611(G)	5117	INLET C1 DES. 2 (2B)	(14)(R-44) EA.	1.00	
611(G)	5121	INLET C1 DES. 3 (B)	(14)(R-44) EA.	1.00	
613(A)	0491	18" R.C. PIPE CLASS III	LF	238.00	
613(A)	0492	24" R.C. PIPE CLASS III	LF	96.00	
613(A)	0493	30" R.C. PIPE CLASS III	LF	96.00	
613(A)	0494	36" R.C. PIPE CLASS III	LF	48.00	
613(A)	0496	48" R.C. PIPE CLASS III	LF	58.00	
613(A)	4500	58" X 36" R.C. PIPE ARCH CLASS A-III	LF	108.00	
613(B)	0689	18" CORR. GALV. STEEL PIPE	(R-46) LF	648.00	
613(B)	0690	24" CORR. GALV. STEEL PIPE	(R-46) LF	220.00	
613(B)	0691	30" CORR. GALV. STEEL PIPE	LF	88.00	
613(B)	0692	36" CORR. GALV. STEEL PIPE	LF	58.00	
613(B)	0696	60" CORR. GALV. STEEL PIPE	(R-46) LF	152.00	
613(B)	4527	21" X 15" CORR. GALV. STEEL PIPE ARCH	(R-46) LF	48.00	
613(J)	5915	EDGE DRAIN CONDUIT-PERFORATED	(10) LF	1,200.00	
613(K)	5916	EDGE DRAIN OUTLET LATERAL-NONPERFORATED	(10) LF	35.00	
613(L)	4546	58" X 36" PREFAB. CULVERT END SECTION, ARCH	EA.	4.00	
613(L)	5726	18" PREFAB. CULVERT END SECTION, ROUND	EA.	3.00	
613(L)	5730	24" PREFAB. CULVERT END SECTION, ROUND	EA.	5.00	
613(L)	5732	30" PREFAB. CULVERT END SECTION, ROUND	EA.	6.00	
613(L)	5734	36" PREFAB. CULVERT END SECTION, ROUND	EA.	4.00	
613(L)	5738	48" PREFAB. CULVERT END SECTION, ROUND	EA.	2.00	
613(Q)	5946	OUTLET LATERAL HEADWALL	EA.	2.00	
613(T)	1187	STANDARD BEDDING MATERIAL, CLASS C	CY	66.00	
613(V)	1180	TRENCH EXCAVATION	(R-50) CY	29.00	
619(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(1)(15)(R-48)(R-49) LSUM	1.00	
619(B)	4728	REMOVAL OF ASPHALT PAVEMENT	(7)(R-49)(R-50) SY	16,774.00	
619(B)	4780	REMOVAL OF GUARDRAIL	(R-49) LF	1,767.00	
623(A)	0932	BEAM GUARDRAIL W-BEAM SINGLE	LF	675.00	
623(G)	8590	GUARDRAIL END TREATMENT (31')	(4) EA.	4.00	
623(I)	8700	GUARDRAIL BRIDGE CONN-THRIE BEAM (31')	EA.	4.00	
624(B)	4466	GATES-STYLE WWF (4.5'HIGH X 16'LONG)	(3) EA.	1.00	
624(C)	4459	FENCE-STYLE SWF (5 BARBED WIRE)	(2)(R-52)(R-53) LF	3,295.00	
853	9069	GUARDRAIL DELINEATORS (TYPE 2, CODE 1)	EA.	20.00	

PREPARED BY: *Caleb F. Austin*
 OKLAHOMA DEPARTMENT OF TRANSPORTATION DESIGN DIVISION
 CALEB F. AUSTIN, P.E.
 REG. RES. NO. 22343
 DATE: 7/29/16

DESIGN	SCM
DRAWN	SCM
CHECKED	
APPROVED	
SQUAD	HAMILTON

OKLAHOMA DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
SUMMARY OF PAY QUANTITIES (ROADWAY)
 STATE JOB NO. 27075(04) SHEET NO. 4
 CREEK COUNTY US-75A