

ROADWAY SPECIAL PAY QUANTITY NOTES

- (1) NO STUMPS OR OTHER DEBRIS SHALL BE BURIED OR DISPOSED OF ON THE RIGHT-OF-WAY UNLESS APPROVED BY THE ENGINEER. RIGHT-OF-WAY TO BE CLEARED FROM RIGHT-OF-WAY LINE TO RIGHT-OF-WAY LINE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- (2) ESTIMATED QUANTITY TO BE USED IN A MANNER AND LOCATION AS DETERMINED BY THE ENGINEER.
- (3) REMOVE SILT FROM EROSION CONTROL DEVICES WHEN THE SILT REACHES HALF THE HEIGHT OF THE DEVICE.
- (4) FOR TEMPORARY CROSSINGS. TO BE USED AS DIRECTED BY THE ENGINEER.
- (5) TACTILE WARNING DEVICES SHALL BE TYPE B. SEE SHEET NO. D1.
- (6) PRICE BID TO INCLUDE COST OF 1920 C.Y. STANDARD BEDDING MATERIAL AND 2910 C.Y. TRENCH EXCAVATION.
- (7) PRICE BID FOR INLETS TO INCLUDE COST OF STUB-OUTS FOR SUB SURFACE TREE DRAINAGE.
- (8) INCLUDES STAKING OF CENTERLINE, RIGHT-OF-WAY, BENCHMARKS, SLOPE STAKES, BLUE TOPS AND OTHER NEEDS OF THE CONTRACTOR AND THE DEPARTMENT AS DIRECTED BY THE ENGINEER.

ROADWAY 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 5,000 CU. YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.
- (R-7) PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER ESTIMATED AT 200 POUNDS PER 1000 SQUARE YARDS OF SODDING.
- (R-8) PRICE BID TO INCLUDE COST OF WATERING ESTIMATED AT 80 GALLONS PER SQUARE YARD OF SODDING. THE CONTRACTOR SHALL PROVIDE SUFFICIENT WATER FOR ADEQUATE GRASS GROWTH AS APPROVED BY THE ENGINEER.
- (R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 8.62 ACRES.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS
- (R-25) ESTIMATED AT 120 LBS. PER CU. FT.
- (R-32) EST. AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-44) PRICE BID TO INCLUDE COST OF 0 - 4" MOUNTABLE CURB HOODS, 0 - 6" MOUNTABLE CURB HOODS, 26 - 6" BARRIER CURB HOODS, 48 - 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.

GENERAL A.D.A. NOTES:

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, PATHS, SIDEWALKS, CURB RAMPS, AND CROSSWALK MARKINGS WILL COMPLY WITH PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), PUBLISHED JULY 26, 2011. WHERE SPECIAL LIMITATIONS OF EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH PROWAG, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR WILL NOT PROCEED WITH ANY OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH PROWAG WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF PROWAG FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

THE CROSS SLOPE FOR PATHS, SIDEWALKS, AND RAMPS WITHIN THE LIMITS OF AN ACCESSIBLE ROUTE WILL NOT EXCEED 1:50 OR 2%.

RAMP SLOPES WILL NOT EXCEED 1:12 OR 8.33.

THE CONTINUOUS PATH'S CROSS SLOPE WILL NOT EXCEED 2% THROUGH DRIVEWAYS. SEE DRIVEWAY DETAIL ON O.D.O.T. STANDARD DRAWING WCR-3

404 PERMIT AND DEQ PERMIT NOTES

IF THE CONTRACTOR ELECTS TO BUILD A ROAD(S) WITHIN THE LIMITS OF THE CHANNEL IN ORDER TO PERFORM WORK, THE CONTRACTOR WILL BE RESPONSIBLE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE CORPS OF ENGINEERS 404 PERMIT WHICH IS INCLUDED IN THE CONTRACT. IF THE AREA OF DISTURBANCE IS ONE OR MORE ACRES AND IS NOT ALREADY COVERED BY A DEQ PERMIT, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A DEQ STORM WATER CONSTRUCTION PERMIT WHICH WILL INCLUDE AN APPLICATION (NOTICE OF INTENT) TO DEQ PRIOR TO EARTH DISTURBING ACTIVITIES, A STORM WATER POLLUTION PREVENTION PLAN AND THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS. IN ADDITION, THE CONTRACTOR WILL BE RESPONSIBLE FOR PERMANENT STABILIZATION MEASURES AFTER REMOVAL OF THE WORK ROAD(S). ALL COSTS ASSOCIATED WITH THE CONTRACTORS "WORK ROAD INCLUDING A DEQ PERMIT, EROSION AND SEDIMENT CONTROLS AND PERMANENT STABILIZATION, ETC. WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ENVIRONMENTAL NOTE

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. SWALLOW SURVEY HAS NOT BEEN CONDUCTED FOR ANY OF THE STRUCTURES WITHIN THE PROJECT EXTENT. ANY ACTIVITIES WHICH WOULD DESTROY ACTIVE NESTS OR HARM EGGS OR BIRDS WOULD VIOLATE THE MIGRATORY BIRD TREATY ACT. THE RESIDENT ENGINEER WILL EVALUATE THE CONTRACTOR'S PROPOSED WORK METHODS AND CONCLUDE WHETHER THE PROPOSED WORK WOULD HARM THE NESTING BIRDS BEFORE WORK NEAR THE STRUCTURE IS AUTHORIZED. IF THE PROPOSED WORK WILL HARM THE NESTING BIRDS, THE BRIDGE MAY 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.

ROADWAY GENERAL CONSTRUCTION NOTES

ALL WASTE MATERIAL SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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.

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

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.

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 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 THE PRICE BID FOR 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.

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

TEMPORARY SEEDING MIX SHALL BE AS FOLLOWS:	
KINDS OF SEED TO BE FURNISHED	QUANTITY PER ACRE
CRIMSON CLOVER	8 LBS. OF SEED
COMMON BERMUDA	6 LBS. OF SEED
ANNUAL RYE	12 LBS. OF SEED
TOTAL	26 LBS./AC. OF SEED

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "ADHESIVE SPRAY METHOD", AS SPECIFIED IN 233.04B(1) OF THE STANDARD SPECIFICATIONS.

THE PLANTING OF TEMPORARY SEEDS SHALL BE RESTRICTED TO THE PERIOD FROM MARCH 1 TO APRIL 15 AND FROM SEPTEMBER 1 TO NOVEMBER 1.

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.

AT THE BEGINNING OF TURFING OPERATIONS, ANY AREAS INCLUDED IN PLANNED QUANTITIES THAT HAVE GROWN A SATISFACTORY VOLUNTEER TURF OF PERENNIAL GRASS, AS DETERMINED BY THE ENGINEER, SHALL BE FERTILIZED AND WATERED AS CALLED FOR ON THE PLANS, BUT SHALL NOT BE SEED, SODDED, OR SPRIGGED.

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

ONLY THE SILICONE SEALANT OPTIONS, FROM STANDARD LECS-4, WILL BE ALLOWED ON THIS PROJECT. PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

NOTE:
THIS PROJECT IS MANDATORYIRLY TIED WITH JP#17428(89). TOTAL BID FOR THESE ITEMS SHOULD INCLUDE THE COST FOR BOTH JP#17428(88) AND JP#17428(89)

REVISIONS		
REV. NO.	DESCRIPTION	DATE
△	ADDED GENERAL A.D.A. NOTES	10-18-2017
△	UPDATED PAY ITEM	10-20-2017
△	ADDED NOTE	10-21-2017

ROADWAY 0100		PAY QUANTITIES		JP# 17428(88)	
ITEM NO.	DESCRIPTION	NOTES	UNIT	QUANTITY	
201(A)	0102 CLEARING AND GRUBBING	(1)	LSUM	1.00	
202(A)	0183 UNCLASSIFIED EXCAVATION	(R-1)	CY	26,380.00	
202(D)	0184 UNCLASSIFIED BORROW	(R-4)	CY	36,277.00	
202(D)	4781 UNCLASSIFIED BORROW (TOPSOIL)		CY	5,787.00	
221(C)	2801 TEMPORARY SILT FENCE	(2,3)	LF	12,300.00	
221(D)	2803 TEMPORARY SEDIMENT FILTER	(2,3)	EA	48.00	
230(A)	2806 SOLID SLAB SODDING	(R-7,8)	SY	41,732.00	
232(B)	2814 SEEDING METHOD B	(R-11), (2)	AC	8.62	
233(A)	2817 VEGETATIVE MULCHING	(R-11), (2)	AC	8.62	
241	2832 MOWING	(R-18)	AC	17.24	
303(A)	2100 AGGREGATE BASE TYPE A		CY	11,865.00	
307(K)	4300 STABILIZED SUBGRADE		SY	54,109.00	
317	4270 CEMENT TREATED BASE		SY	24,233.00	
325	5271 SEPARATOR FABRIC		SY	63,226.00	
402(E)	0225 TRAFFIC BOUND SURFACE COURSE TYPE E	(R-25), (4)	TON	500.00	
407(B)	0250 TACK COAT		GAL	72.00	
411(B)	5935 SUPERPAVE, TYPE S3(PG 76-28 OK)	(R-32)	TON	167.00	
411(B)	5945 SUPERPAVE, TYPE S3(PG 64-22 OK)	(R-32)	TON	223.00	
411(C)	5950 SUPERPAVE, TYPE S4(PG 76-28 OK)	(R-32)	TON	112.00	
411(D)	5970 SUPERPAVE, TYPE S5(PG 70-28 OK)	(R-32)	TON	124.00	
414(B)	5725 DOWEL JOINTED P.C. CONCRETE PAVEMENT(PLACEMENT)		SY	40,810.00	
414(G)	5275 P.C. CONCRETE FOR PAVEMENT	(R-35)	CY	10,203.00	
425	5195 DIAMOND GRINDING CONCRETE PAVEMENT		SY	1,104.00	
504(E)	6190 42" F-SHAPED PARAPET		LF	1,620.00	
509(A)	0319 CLASS AA CONCRETE		CY	260.00	
511(B)	4269 EPOXY COATED REINFORCING STEEL		LB	10,913.00	
609(A)	0380 CONCRETE CURB (8" BARRIER-INTEGRAL)		LF	10,522.00	
609(B)	0395 2'-8" COMB. CURB & GUTTER (6" BARRIER-NOTCHED)		LF	7,861.00	
609(B)	0396 2'-8" COMB. CURB & GUTTER (8" BARRIER-NOTCHED)		LF	586.00	
610(A)	0602 4" CONCRETE SIDEWALK		SY	4,201.00	
610(A)	0605 6" CONCRETE SIDEWALK		SY	6,778.00	
610(B)	0604 6" CONCRETE DRIVEWAY		SY	2,289.00	
610(I)	4610 TACTILE WARNING DEVICE-NEW	(5)	SF	1,766.00	
611(A)	0484 SPECIAL MANHOLE	(R-1)	CF	203.04	
611(A)	2657 MANHOLE (4' DIAMETER)		EA	4.00	
611(A)	2658 MANHOLE (5' DIAMETER)		EA	5.00	
611(A)	2659 MANHOLE (6' DIAMETER)		EA	7.00	
611(A)	2660 MANHOLE (7' DIAMETER)		EA	3.00	
611(A)	2661 MANHOLE (8' DIAMETER)		EA	1.00	
611(B)	2680 ADD'L DEPTH IN MAN-HOLE (4' DIAMETER)		VF	1.00	
611(B)	2681 ADD'L DEPTH IN MAN-HOLE (5' DIAMETER)		VF	8.00	
611(B)	2682 ADD'L DEPTH IN MAN-HOLE (6' DIAMETER)		VF	16.00	
611(B)	2683 ADD'L DEPTH IN MAN-HOLE (7' DIAMETER)		VF	8.00	
611(B)	2684 ADD'L DEPTH IN MAN-HOLE (8' DIAMETER)		VF	2.00	
611(G)	5100 INLET CI DES. 1 (STD)	(R-44)	EA	2.00	
611(G)	5112 INLET CI DES. 2 (STD)	(R-44)	EA	29.00	
611(G)	5113 INLET CI DES. 2 (B)	(R-44)	EA	10.00	
611(G)	5115 INLET CI DES. 2 (D)	(R-44)	EA	1.00	
611(G)	5120 INLET CI DES. 3 (STD)	(R-44)	EA	2.00	
611(G)	5970 INLET W/SMALL JCT. BOX, CI., DES.2	(R-44)	EA	2.00	
611(G)	5974 INLET W/SMALL JCT. BOX, CI., DES.2(D)	(R-44)	EA	1.00	
611(H)	5320 ADD'L DEPTH IN INLET CI DES. 1		VF	3.00	
611(H)	5325 ADD'L DEPTH IN INLET CI DES. 2		VF	75.00	
611(H)	5330 ADD'L DEPTH IN INLET CI DES. 3		VF	3.00	
611(L)	0487 JUNCTION BOXES		CF	126.00	
612(A)	0641 MANHOLES ADJUST TO GRADE	(R-1)	EA	30.00	
612(E)	0647 VALVE BOXES ADJUST TO GRADE	(R-1)	EA	7.00	
612(G)	0650 FIRE HYDRANT RESET	(R-1)	EA	8.00	
613(A)	0491 18" R.C. PIPE CLASS III	(6,7)	LF	1,342.00	
613(A)	0492 24" R.C. PIPE CLASS III	(6,7)	LF	1,376.00	
613(A)	0493 30" R.C. PIPE CLASS III	(6,7)	LF	334.00	
613(A)	0494 36" R.C. PIPE CLASS III	(6,7)	LF	684.00	
613(A)	0496 48" R.C. PIPE CLASS III	(6,7)	LF	330.00	
613(J)	5915 EDGE DRAIN CONDUIT-PERFORATED		LF	11,769.00	
613(K)	5916 EDGE DRAIN OUTLET LATERAL-NONPERFORATED		LF	384.00	
619(A)	0920 REMOVAL OF STRUCTURES & OBSTRUCTIONS	(R-48,49)	LSUM	1.00	
619(B)	4726 REMOVAL OF CURB AND GUTTER	(R-1,49,50)	LF	12,648.00	
619(B)	4727 REMOVAL OF CONCRETE PAVEMENT	(R-1,49,50)	SY	22,211.00	
619(B)	4728 REMOVAL OF ASPHALT PAVEMENT	(R-1,49,50)	SY	13,146.00	
619(B)	4792 REMOVAL OF SIDEWALK	(R-1,49,50)	SY	3,817.00	
619(C)	0924 SAWING PAVEMENT		LF	2,652.00	

CONSTRUCTION 0640		PAY QUANTITIES		JP# 17428(88)	
ITEM NO.	DESCRIPTION	NOTES	UNIT	QUANTITY	
220	2800 SWPPP DOCUMENTATION AND MANAGEMENT		LSUM	1.00	
641	1552 MOBILIZATION		LSUM	1.00	

STAKING 0600		PAY QUANTITIES		JP# 17428(88)	
ITEM NO.	DESCRIPTION	NOTES	UNIT	QUANTITY	
642(B)	0096 CONSTRUCTION STAKING LEVEL II	(8)	LSUM	1.00	

OKLAHOMA CITY BOULEVARD				OKLAHOMA CO.	
DESIGN	KBA	MMFC	OKLAHOMA DEPARTMENT OF TRANSPORTATION		
DRAWN	ISFM	RWH	SUMMARY OF PAY QUANTITIES (ROADWAY)		
CHECKED	KBA		STATE JOB NO. 17428(88) SHEET NO. 8		
APPROVED					
SQUAD	MacArthur				