

0100 ROADWAY		PAY QUANTITIES		
ITEM No		DESCRIPTION	UNITS	QUANTITY
201(A)	0102	CLEARING AND GRUBBING (7)	LSUM	1
202(A)	0183	UNCLASSIFIED EXCAVATION (1) (7) (15)	CY	5228
205(A)	4229	TYPE A-SALVAGED TOPSOIL (7)	LSUM	1
221(C)	2801	TEMPORARY SILT FENCE (8) (9)	L.F.	5330
230(A)	2806	SOLID SLAB SODDING (3) (10)	SY	7892
231(A)	4567	TREES	EA	3
504(F)	6006	HANDRAILING	LF	530
510(A)	6333	RETAINING WALL	SY	232
601(A)	0297	TYPE I PLAIN RIPRAP	TON	11.25
609(A)	0300	CONCRETE CURB (6" BARRIER-INTEGRAL) (2) (5) (6)	LF	258
610(A)	0604	5" CONCRETE SIDEWALK (6)	SY	5886
610(A)	0605	6" CONCRETE SIDEWALK (6)	SY	667
610(I)	4610	TACTILE WARNING DEVICE-NEW	SF	6
611(A)	2657	MANHOLE (4' DIAMETER)	EA	1
612(A)	0641	MANHOLE ADJUST TO GRADE	EA	1
613(A)	0492	24" R.C. PIPE CLASS III (2)	LF	94
613(L)	5730	24" PREFAB. CULVERT END SECTION, ROUND	EA	2
611(G)	6002	INLET (SMD-TYPE 2)	EA	1
619(A)	0920	REMOVAL OF STRUCTURES & OBSTRUCTIONS (4) (12) (13)	LSUM	1
619(B)	4726	REMOVAL OF CURB AND GUTTER (13)	LF	258
619(B)	4727	REMOVAL OF CONCRETE PAVEMENT (13)	SY	1044
619(C)	0924	SAWING PAVEMENT	LF	430
631(A)	0210	(SP) REMOVABLE BOLLARD	EA	6
643	0500	WIRELESS SOLAR LIGHTING (14)	EA	182
829(A)	8200	(PL) PEDESTRIAN/CYCLIST COUNTER (18)	EA	1
880(I)	8905	CONSTRUCTION TRAFFIC CONTROL (17)	LSUM	1
882(A)	8306	PORT. CHANGEABLE MESSAGE SIGN (16)	SD	180

R.C. PIPE NOTE: BACKFILL MATERIAL WILL BE INSTALLED AS DESCRIBED BY THE CITY STANDARD SD 01 "STORM SEWER PIPE TRENCHING AND BEDDING"

PAY QUANTITY NOTES:

- (1) 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.
- (2) TO BE PAID PER FIELD MEASUREMENT OF THE WORK COMPLETED. SOME FINAL QUANTITIES MAY BE LESS THAN AND SOME MORE THAN THE QUANTITIES LISTED ON THE BID SCHEDULE. THE COST OF TRENCHING, BACKFILL, BEDDING, ETC. ARE TO BE INCLUDED IN THE COST PER LINEAR FOOT.
- (3) ALL NON PAVED NEWLY GRADED AREAS SHALL RECEIVE SOLID SLAB COVER AFTER FINAL GRADING.
- (4) INCLUDES REMOVAL OF ALL EXISTING CULVERTS, HEADWALLS, END TREATMENTS, AND DRAINAGE STRUCTURES TO BE REPLACED.
- (5) CONCRETE CURBS & GUTTERS SHALL BE CONSTRUCTED TO STANDARDS AS OUTLINED IN THE CITY OF NORMAN STANDARD SPECIFICATIONS AND CONSTRUCTION DRAWINGS, BUT MAY BE ALTERED AS DIRECTED BY THE ENGINEER.
- (6) INCLUDES CONCRETE, SUB-BASE COMPACTION TO 95% SPD, BACKFILL, EXPANSION JOINT FILLER, SEALERS, CONTROL CRACK JOINTS, FIBERMESH AND OTHER MISCELLANEOUS ITEMS NEEDED FOR CONSTRUCTION OF THIS PAY ITEM.
- (7) THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL WITHIN THE LIMITS OF CONSTRUCTION, ANY UNUSED TOPSOIL, STOCKPILE THE MATERIAL AND REPLACE THE TOPSOIL ON THE FINISHED SLOPES OF THE GRADING SECTION. ALL ADDITIONAL COSTS NOT COVERED IN OTHER ITEMS SHALL BE INCLUDED IN THE LUMP SUM TOPSOIL ITEM AS FOLLOWS
 EXCAVATION SECTIONS:
 THE VOLUME OF TOPSOIL IS INCLUDED IN THE UNCLASSIFIED EXCAVATION QUANTITIES. CONTRACTORS ARE TO INCLUDE ANY ADDITIONAL COSTS TO REMOVE, STOCKPILE AND REPLACE THE MATERIAL ON THE FINISHED GRADING SLOPES, IN THE LUMP SUM TOPSOIL.
 EMBANKMENT SECTIONS:
 DETERMINE THE AMOUNT OF TOPSOIL IN THESE AREAS AND INCLUDE ALL COSTS TO REMOVE, STOCKPILE AND REPLACE THE MATERIAL ON THE FINISHED GRADING SLOPES, IN THE LUMP SUM TOPSOIL ITEM.
- (8) ESTIMATED QUANTITY, TO BE USED FOR TEMPORARY EROSION AND SEDIMENT IN A MANNER APPROVED BY THE ENGINEER. SEE STD. TSC1-2 & TSC2-2. ITEM TO INCLUDE SEDIMENT REMOVAL.
- (9) TO BE USED FOR EROSION & SEDIMENT CONTROL IN A MANNER APPROVED BY THE ENGINEER.
- (10) PRICE BID TO INCLUDE COST OF WATERING. WATERING EST. AT 40 GALLONS PER SQ. YD. FOR ESTIMATING PURPOSES ONLY. CONTRACTOR WILL PROVIDE SUFFICIENT WATER TO PRODUCE ADEQUATE GRASS GROWTH AS APPROVED BY THE ENGINEER.
- (11) PAY ITEM FOR STAKING INCLUDES ALL STAKING REQUIRED TO CONSTRUCT THE PROJECT INCLUDING RIGHT-OF-WAY STAKING.
- (12) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SEC. 202.06 UNCLASSIFIED EXCAVATION.
- (13) TO BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF BY HIM IN A MANNER APPROVED BY THE ENGINEER.
- (14) SOLARIGHT MODEL GFB OR APPROVED EQUAL.
- (15) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS
- (16) 90 CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAY PAY ITEMS. THE AMOUNT OF CALENDAR DAYS USED TO COMPUTE THE SIGN DAY PAY ITEMS IS AN ESTIMATED QUANTITY ONLY, BASED ON THE CURRENT O.D.O.T. STANDARDS AND SUGGESTED CONSTRUCTION SEQUENCE FOR THIS PROJECT. THESE ESTIMATED SIGN DAY QUANTITIES MAY CHANGE AS THE PROJECTS CONSTRUCTION TRAFFIC CONTROL IS MODIFIED DURING CONSTRUCTION.
- (17) SEE DETAIL TA-3 ON SHEET 21 FOR TRAFFIC CONTROL DETAIL. CONTRACTOR TO REMOVE ALL EQUIPMENT, MATERIALS AND TRAFFIC CONTROL DEVICES FROM THE SHOULDER OVER NIGHT.
- (18) CONTRACTOR SHALL PROVIDE ECO-COUNTER URBAN POST MULTI PEDESTRIAN/BIKES WITH PYRO SENSOR (2 ZELT LOOPS). COUNTER TO BE SET AT 15 MINUTE DATA RECORDING INTERVALS. SEE SPECIAL PROVISION FOR PEDESTRIAN COUNTER.

0640 CONSTRUCTION		PAY QUANTITIES		
ITEM No		DESCRIPTION	UNITS	QUANTITY
220	2800	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1
641	1399	MOBILIZATION	LSUM	1

0600 STAKING		PAY QUANTITIES		
ITEM No		DESCRIPTION	UNITS	QUANTITY
642(B)	0096	CONSTRUCTION STAKING LEVEL II (11)	LSUM	1

GENERAL

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL TRAFFIC AND WILL MAINTAIN THROUGH TRAFFIC.

CONTRACTOR SHALL CONTACT THE CITY OF NORMAN AT EARLIEST CONVENIENCE SHOULD ANY CIRCUMSTANCES FOUND DURING THE COURSE OF PROJECT COMPLETION NECESSITATE A VARIANCE FROM THE PLANS. VARIANCE FROM THE PLANS WILL BE REVIEWED BY THE CITY.

CONSTRUCTION OF ALL EROSION CONTROL MEASURES SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO THE INITIATION OF ANY LAND DISTURBING ACTIVITIES. INSPECTION OF THESE STRUCTURES MAY BE PERFORMED BY STATE AND MUNICIPAL AUTHORITIES. MAINTENANCE OF EROSION CONTROL MEASURES SHALL BE PERFORMED BY THE CONTRACTOR AT A SUFFICIENT INTERVAL TO ENSURE RETENTION OF SEDIMENTS.

THE CONTRACTOR SHALL NOTIFY THE ELECTRIC COMPANY OF ANY SHIELDING REQUIRED ON OVERHEAD POWER LINES THAT MAY CROSS THE WORK AREA. THE CONTRACTOR SHALL PROCEED WITH GREAT CARE TO AVOID ANY CONTACT WITH THE OVERHEAD POWER LINES.

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 ITEM OF WORK.

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

THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR REVIEW BEFORE OPERATIONS BEGIN.

THE CONTRACTOR SHALL KEEP OPEN TRENCHES DRAINED. COST TO BE INCLUDED IN PRICE BID FOR UNCLASSIFIED EXCAVATION.

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

ACCESS TO DRIVES AND INTERSECTING STREETS SHALL BE MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL GIVE NOTICE TO THE CITY OF NORMAN, IN WRITING, FOURTEEN (14) CALENDAR DAYS BEFORE WORK BEGINS ON THE PROJECT.

THE FOLLOWING ITEMS WILL BE THE RESPONSIBILITY OF THE CITY OF NORMAN AND NOT A PART OF THIS CONTRACT:
 RIGHT-OF-WAY ACQUISITION
 UTILITY RELOCATION

EROSION CONTROL CONSTRUCTION NOTES

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE 'MULCHING TILLER METHOD', AS SPECIFIED IN SEC. 233. 0(B)1 STANDARD SPECIFICATIONS.

Design			NOTES AND QUANTITIES
Drawn	JRA		
Checked	JRA		
Approved	WRS		
Squad			
STATE JOB NO. 26879(04)			Sheet No. <u> 2 </u>