

TRAFFIC SAFETY PAY QUANTITY NOTES

- (TP-44) INCLUDED IN THIS PAY ITEM WILL BE TWO (2) DAYS OF TRAINING FROM THE MANUFACTURER'S REPRESENTATIVE FOR MAINTAINING WIRE ROPE SAFETY FENCE SYSTEM. THE TRAINING SESSION(S) SHALL INCLUDE TRAINING TO PERTINENT ODOT AND LOCAL EMERGENCY PERSONNEL. PARTICIPANT SELECTION AND TRAINING LOCATION SHALL BE APPROVED BY THE ENGINEER.
- (TP-45) INCLUDED IN THIS PAY ITEM IS ALL MISCELLANEOUS HARDWARE REQUIRED BY THE MANUFACTURER TO BE USED FOR INSTALLATION OF SOCKETED CABLE BARRIER SYSTEM. ALSO, AN ADDITIONAL 100 POSTS AND PAST ACCESSORIES (CAPS, PLASTIC HARDWARE, GROUND COVER, ETC.) SHALL BE DELIVERED TO THE ODOT DIVISION 4 EDMOND RESIDENCY IN EDMOND.
- (TP-46) CABLE WILL BE MEASURED FROM BEGINNING OF WIRE ROPE CABLE TO THE END OF WIRE ROPE CABLE.
- (TP-47) ALL POSTS SHALL HAVE CAPS WHICH SHALL BE AFFIXED TO THE POST WITH A DURABLE LIQUID ADHESIVE, SUCH AS LIQUID NAILS. EVERY FIFTH POST SHALL BE DELINEATED IN EACH DIRECTION WITH RETROFLECTIVE SHEETING MEETING SPECIFICATION ASTM D-4956 TYPE VII, VIII, OR IX (MIN. 7 SQ. IN. YELLOW).
- (TP-48) IF THE SYSTEM POSTS FALL ON THE TOP OF A CROSS DRAIN BOX OR OTHER CONFLICTING UNDERGROUND STRUCTURE, SPECIAL POST DESIGN WILL BE REQUIRED. CABLE MANUFACTURER SHALL PROVIDE THE POST DESIGN TO THE ENGINEER FOR APPROVAL. ALL INSTALLATIONS MUST BE IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATION.
- (TP-49) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE LETTER OF APPROVAL FROM THE F.H.W.A. INDICATING THE INSTALLED CABLE BARRIER SYSTEM MEETS ALL TEST CRITERIA OF NCHRP-350 TEST LEVEL 4 (TL-4), AND SUBMIT IT TO THE RESIDENT ENGINEER AND THE CHIEF TRAFFIC ENGINEER.
- (TP-50) TURNBUCKLES SHALL BE NO CLOSER THAN 1' TO A CABLE POST, IF IT INTERFERES WITH THE TENSIONING OPERATION OF THE SYSTEM. THE HEIGHTS FOR ALL ROWS OF CABLES SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS. THE BOTTOM CABLE MUST BE WITHIN THE TOLERANCE LIMITS RECOMMENDED BY THE MANUFACTURER.
- (TP-51) THE TENSION METER SHALL BE OF THE TYPE RECOMMENDED BY THE MANUFACTURER OF THE CABLE BARRIER SYSTEM PROVIDED BY THE ODOT TRAFFIC DIVISION. IT SHALL ALSO BE NEW, CALIBRATED, FUNCTIONAL, AND CAPABLE OF READING THE TENSION ON THE CABLE BARRIER SYSTEM TO WITHIN THE MANUFACTURER'S RECOMMENDED TOLERANCES. THE DEVICE SHALL ALSO BE DEMONSTRATED BY THE INSTRUCTOR(S) ON HOW TO OPERATE THEM AND PROVIDE OTHER HELPFUL INFORMATION TO THE PARTICIPANTS. IT SHALL BE DELIVERED TO THE ODOT DIVISION 4 EDMOND RESIDENCY IN EDMOND.
- (TP-52) PRICE BID FOR THIS ITEM INCLUDES A SOIL REPORT TO BE PROVIDED BY THE CONTRACTOR TO THE CABLE MANUFACTURER INDICATING ALL NECESSARY SOIL INFORMATION REQUIRED FOR THE MANUFACTURER TO DESIGN POST FOOTINGS AND ANCHOR UNITS FOR THIS PROJECT. THE SOIL REPORT AND FOUNDATION FOOTING DESIGN SHALL BE COMPLETED AND APPROVED BY THE ENGINEER, PRIOR TO EXCAVATION OF END ANCHOR AND POST FOOTINGS. ALL POSTS AND ANCHOR UNIT FOUNDATION DESIGNS RECOMMENDED BY THE MANUFACTURER FOR THIS PROJECT SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER. THE POST FOOTINGS SHALL NOT BE LESS THAN 12" DIAMETER BY 36" DEEP. FOOTINGS SHALL NOT EXTEND ABOVE GROUND MORE THAN 1".
- (TP-53) THE 119 C.Y. OF CLASS 'AA' CONCRETE IS AN ESTIMATED QUANTITY TO BE USED FOR POST FOOTINGS AND ANCHOR UNITS FOR THIS PROJECT. THIS ITEM SHALL ALSO INCLUDE REINFORCING STEEL BARS REQUIRED FOR POST FOOTINGS AND ANCHOR UNITS AS SHOWN BY THE MANUFACTURER'S DESIGN.
- (TP-56) ALL OPEN HOLES MUST BE COVERED WITH STEEL PLATES FOR PERIODS OF NO WORK.

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-5) AN ESTIMATED QUANTITY OF 54,000 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 AND SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 S.Y.
- (R-8) FOR SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER S.Y..
- (R-11) △ THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 89 ACRES.
- (R-16) QUANTITY BASED ON TWO APPLICATIONS.
- (R-25) ESTIMATED AT 160 LBS. PER CU. FT.
- (R-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-41) QUANTITY INCLUDES AN ESTIMATED 25 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.
- (R-44) PRICE BID TO INCLUDE COST OF 0 - 4" MOUNTABLE CURB HOODS, 0 - 6" MOUNTABLE CURB HOODS, 0 - 6" BARRIER CURB HOODS, 92 - 8" 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 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.
- (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.
- (1) PRICE BID TO INCLUDE THE COST OF FOG SEAL.
- (2) PRICE BID TO INCLUDE THE COST OF PIPE UNDERDRAIN COVER MATERIAL, TRENCH EXCAVATION AND INCLUDE OUTLET LATERAL HEADWALLS.
- (3) THE PRICE BID FOR THIS ITEM SHALL INCLUDE BUT IS NOT LIMITED TO EXISTING DRAINAGE BOXES, SIDE DRAINS, FENCES, GATES, ABANDONED PIPELINES, CONCRETE FOOTINGS, CONCRETE SLABS, GUARDRAIL, ETC...
- (4) TEMPORARY SEDIMENT TRAPS TO BE USED IN LIEU OF TEMPORARY SEDIMENT BASINS AS SPECIFIED ON EROSION CONTROL SHEETS.
- (5) PRICE BID SHALL INCLUDE THE COST OF SEDIMENT REMOVAL. THE CONTRACTOR SHALL REMOVE SEDIMENT WHEN THE DEVICE IS ONE HALF FULL.
- (6) TO BE USED AS DIRECTED BY THE ENGINEER FOR TEMPORARY SEEDING.
- (7) IN LIEU OF PRIME COAT, THE STABILIZED SUBGRADE MUST BE WATERED UNTIL EITHER THE AGGREGATE BASE/SEPARATOR FABRIC OR THE FIRST LIFT OF HMA IS PLACED. THE TOP OF THE AGGREGATE BASE LAYER MUST CONTINUE TO BE WATERED UNTIL THE FIRST LIFT OF HMA.

**PAY QUANTITY NOTES
ROADWAY**