

TRAFFIC SIGNING & STRIPING PAY QUANTITY NOTES

- (TS-15) QUANTITY SHOWN INCLUDES 1,295 L.F. TRAFFIC STRIPE (PAINT)(WHITE) AND 1,295 L.F. TRAFFIC STRIPE (PAINT)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF FOUR INCH (4") WIDE TRAFFIC STRIPE
(TS-19) QUANTITY SHOWN INCLUDES 3,230 L.F. TRAFFIC STRIPE (PLASTIC)(WHITE) AND 13,505 L.F. TRAFFIC STRIPE(PLASTIC)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF FOUR INCH (4") WIDE TRAFFIC STRIPE.
(TS-21) QUANTITY SHOWN INCLUDES 580 L.F. TRAFFIC STRIPE (PLASTIC)(WHITE) AND 0 L.F. TRAFFIC STRIPE(PLASTIC)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF EIGHT INCH (8") WIDE TRAFFIC STRIPE.
(TS-23) QUANTITY SHOWN INCLUDES 189 L.F. TRAFFIC STRIPE (PLASTIC)(WHITE) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWENTY-FOUR INCH (24") WIDE TRAFFIC STRIPE.
(TS-33) INCLUDED IN THIS PAY ITEM IS ALL HARDWARE ASSOCIATED WITH PROPERLY ANCHORING AND MOUNTING THE HIGHWAY SIGN IN ACCORDANCE WITH O.D.O.T. PLANS AND STANDARD DRAWINGS SSA1-1 AND SSP1-1-(LATEST REVISION).
(TS-34) INCLUDED IN THIS PAY ITEM IS THE REMOVAL OF ANY EXISTING SIGNS TO BE REPLACED BY NEW ASSEMBLIES AND THE REMOVAL OF ANY EXISTING SIGNS THAT WILL BE IN CONFLICT WITH THE NEW ROADWAY OR NEW SIGNAGE.
(TS-41) \*REMOVAL OF EXISTING SIGNS\* SHALL INCLUDE THE REMOVAL OF A COMPLETE SIGN ASSEMBLY WHICH MAY INCLUDE MULTIPLE SIGNS, POSTS, FOOTINGS, AND ANY FOOTINGS ADJACENT TO THE SIGN ASSEMBLY. WHEN APPROVED BY THE ENGINEER, FOOTINGS MAY BE OBLITERATED TO A POINT BELOW GROUND LEVEL IN LIEU OF BEING COMPLETELY REMOVED. SEE GENERAL CONSTRUCTION NOTES FOR DISPOSAL OF OLD CONCRETE FOOTING MATERIAL.

TRAFFIC CONTROL PAY QUANTITY NOTES

- (TC-1) THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES, AND PROVIDE FLAGGERS NECESSARY FOR THE CONTROL, SAFETY, AND MAINTENANCE OF TRAFFIC WHEN INSTALLING, RELOCATING OR DELIVERING PRECAST CONCRETE MEDIAN BARRIER.
(TC-2) QUANTITY INCLUDES SUFFICIENT LENGTH OF MEDIAN BARRIER TO PROVIDE FOR THE LONGEST SECTION SHOWN ON THE PLANS. THIS SAME BARRIER WILL BE USED ON OTHER DETOUR PHASES.
(TC-14) SEE STANDARD DRAWING PM1-1 AND PM4-1 (LATEST REVISION). A PART, OR ALL, OF THE QUANTITY SHOWN IS TO BE USED AS FINAL PAVEMENT MARKING.
(TC-17) INCLUDES AN ESTIMATED 4,500 L.F. (PAINT)(4" WIDE) WHITE AND 5,000 L.F. (PAINT)(4" WIDE) YELLOW STRIPE.
(TC-20) ALL STRIPING TO BE PLACED ON TEMPORARY SURFACES OR ON SURFACES SCHEDULED TO BE REMOVED SHALL BE DONE WITH PAINT UNLESS OTHERWISE NOTED ON THE PLANS OR STANDARD DRAWINGS. TEMPORARY PAVEMENT MARKINGS PLACED ON FINISHED PAVEMENT OR EXISTING PAVEMENT TO REMAIN IN PLACE SHALL USE ONE OF THE FOLLOWING METHODS:
• REMOVABLE PAVEMENT MARKING TAPE
• CLASS A PAVEMENT MARKERS
(TC-22) AMOUNT SHOWN IS AN APPROXIMATION AND THE ACTUAL AMOUNT OF REMOVAL, IF NECESSARY, SHALL BE DETERMINED BY THE ENGINEER. PRICE BID FOR PAVEMENT MARKING REMOVAL SHALL INCLUDE THE COST OF REMOVING STRIPE, ARROWS, WORDS AND SYMBOLS, AS SHOWN IN THE PLANS. THESE ITEMS MAY CONSIST OF PLASTIC, PAINT OR NON REMOVABLE MARKING TAPE.
(TC-26) CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND APPLICABLE O.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES REQUIRED FOR COMPLETION OF THE PROJECT.
ALL SIGNS, BARRICADES, AND CHANNELIZING DEVICES WHICH ARE SHOWN WITH TYPE 'A' LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.
(TC-28) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 0.00 S.F. AND 6.25 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS
(TC-29) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 6.26 S.F. AND 15.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.
(TC-30) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 16.00 S.F. AND 32.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.

TRAFFIC CONTROL PAY QUANTITY NOTES (CONT.)

- (TC-33) ALL CONSTRUCTION WORK ZONE SIGNS AND CHANNELIZING DEVICES SHALL HAVE FLUORESCENT SHEETING. THE FLUORESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM 4956-07 FOR TYPE VIII SHEETING.
THE MANUFACTURER SHALL FURNISH A TYPE 'A' CERTIFICATION IN ACCORDANCE WITH O.D.O.T. STANDARD SPECIFICATIONS (CURRENT EDITION) SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON MATERIAL SUBMITTED FOR APPROVAL.
(TC-52) ANY USED CONSTRUCTION ZONE IMPACT ATTENUATOR OR PORTABLE CHANGEABLE MESSAGE SIGN TO BE PLACED ON THIS PROJECT SHALL BE SUBJECT TO INSPECTION AND APPROVAL, BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION, TO ASSURE THAT THEY ARE IN GOOD WORKING CONDITION, PRIOR TO PLACEMENT ON THE PROJECT. THESE DEVICES SHALL MEET ALL NCHRP-350, TL-3 CRITERIA.
\* CHANGEABLE MESSAGE SIGN (EXEMPT FROM NCHRP-350 REQUIREMENT)
(TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
(TC-75) TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE THE SAME DAY THAT EXISTING PAVEMENT MARKINGS ARE REMOVED FROM ANY ROADWAY OPEN TO TRAFFIC. ALSO, ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO THE INSTALLATION OF FINAL STRIPING.
(TC-84) 165 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 PROJECT'S CONSTRUCTION TRAFFIC CONTROL IS MODIFIED DURING CONSTRUCTION.
(TC-85) THESE SIGNS MUST BE ON THE OKLAHOMA DEPARTMENT OF TRANSPORTATION LIST OF APPROVED CHANGEABLE MESSAGE SIGNS. FOR A LIST OF THE APPROVED SIGNS GO TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION WEBSITE AT: http://www.okladot.state.ok.us/traffic/qpl/Index.php

TRAFFIC SIGNING & STRIPING PAY QUANTITY NOTES

- 1 PRICE BID SHALL INCLUDE COST TO REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL, INCLUDING FOOTING AND NECESSARY CONDUIT.

SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE 1:

CONSTRUCT THE NEW NORTHBOUND AND SOUTHBOUND LANES OF WESTERN ROAD FROM STA. 35+28.94 TO STA. 46+00. ALSO CONSTRUCT BOTH EASTBOUND AND WESTBOUND LANES OF WEST MCELROY ROAD FROM STA. 12+00 TO STA. 16+50.

DURING CONSTRUCTION: TRAFFIC ON WESTERN ROAD AND MCELROY ROAD WILL BE DETOURED AROUND THE WORK AREA AS SHOWN IN THE PLANS.

PHASE 2:

CONSTRUCT THE NEW SOUTHBOUND LANES OF WESTERN ROAD FROM STA. 46+00 TO STA. 88+72.90.

DURING CONSTRUCTION: TRAFFIC ON WESTERN ROAD WILL REMAIN ON THE EXISTING LANES SEPARATED FROM THE WORK AREA BY PORTABLE LONGITUDINAL BARRIER.

PHASE 3:

CONSTRUCT THE NEW NORTHBOUND LANES OF WESTERN ROAD FROM STA. 46+00 TO STA. 88+72.90.

DURING CONSTRUCTION: NORTHBOUND AND SOUTHBOUND TRAFFIC ON WESTERN ROAD WILL BE RELOCATED TO THE NEW SOUTHBOUND LANES SEPARATED FROM THE WORK AREA BY PORTABLE LONGITUDINAL BARRIER.

CITY OF stillwater
REVISED PAY ITEMS 8-3-2016

TRAFFIC CONTROL PAY ITEMS
ITEM NO. CODE NO. ITEM DESCRIPTION NOTES UNIT QUANTITY
857(A) 8839 CONSTRUCTION TRAFFIC STRIPE(PAINT)(4" WIDE) (TC-17)(TC-20)(TC-75) LF 9,500.00
857(F) 8006 PAVEMENT MARKING REMOVAL(TRAFFIC STRIPE) (TC-22)(TC-70)(TC-75) LF 5,000.00
871(B) 8705 (SP)CONST.ZONE IMPACT ATTEN. (TC-52)(TC-84)(TC-70) SD 165.00
877(B) 8484 DELIVER PORTABLE LONGITUDINAL BARRIER (TC-1)(TC-2) LF 5,000.00
877(C) 8486 RELOCATION OF PORTABLE LONGITUDINAL BARRIER (TC-1) LF 4,750.00
880(B) 8818 CONSTRUCTION SIGNS 0 TO 6.25 SF (TC-26)(TC-28)(TC-33)(TC-84) SD 1,850.00
880(B) 8821 CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF (TC-26)(TC-29)(TC-33)(TC-84) SD 3,795.00
880(B) 8824 CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF (TC-26)(TC-30)(TC-33)(TC-84) SD 2,475.00
880(C) 8842 CONSTRUCTION BARRICADES(TYPE III) (TC-26)(TC-84) SD 3,960.00
880(C) 8848 WING BARRICADES (TC-26)(TC-84) SD 1,980.00
880(E) 8860 WARNING LIGHTS(TYPE A) (TC-26)(TC-84) SD 10,395.00
880(F) 8878 DRUMS (TC-26)(TC-33)(TC-84) SD 5,445.00
882(A) 8306 PORT.CHANGEABLE MESSAGE SIGN (TC-52)(TC-84)(TC-85) SD 330.00

TRAFFIC SIGNING & STRIPING PAY ITEMS
ITEM NO. CODE NO. ITEM DESCRIPTION NOTES UNIT QUANTITY
805(A) 8722 (PL) REMOVAL OF EXISTING SIGNS (TS-41) LSUM 1.00
850(A) 8110 SHEET ALUMINUM SIGNS (TS-34) SF 158.34
851(C) 8324 2" SQUARE TUBE POST (TS-33) LF 274.00
854(A) 8800 TRAFFIC STRIPE(PAINT)(4" WIDE) (TS-15) LF 2,590.00
855(A) 8812 TRAFFIC STRIPE(PLASTIC)(4" WIDE) (TC-14)(TS-19) LF 16,735.00
855(A) 8814 TRAFFIC STRIPE(PLASTIC)(8" WIDE) (TC-14)(TS-21) LF 580.00
855(A) 8825 TRAFFIC STRIPE(PLASTIC)(24" WIDE) (TC-14)(TS-23) LF 189.00
855(B) 8818 TRAFFIC STRIPE(PLASTIC)(ARROWS) (TC-14) EA 8.00
857(F) 8820 PAVEMENT MARKING REMOVAL (HYDROBLASTING) LF 6,085.00

TRAFFIC SIGNAL PAY ITEMS
0330 TRAFFIC SIGNAL
ITEM NO. CODE NO. ITEM DESCRIPTION NOTES UNIT QUANTITY
803 (A) 8060 PULL BOX EA 1.00
804(A) 2915 STRUCTURAL CONCRETE CY 2.70
804(B) 2916 REINFORCING STEEL LB 416.30
805 (D) 8742 (PL)REMOVE & RESET TRAFFIC SIGNAL EQUIPMENT (1) LSUM 1.00
850(C) 8118 MAST ARM MOUNTED SIGNS(ALUMINUM) SF 7.50

Design Drawn Checked Approved Squad OLSSON ASSOCIATES
WESTERN ROAD PAYNE COUNTY
TRAFFIC PAY QUANTITIES & NOTES
Project No. 31595(04) Sheet No. 8