

TRAFFIC CONTROL PAY QUANTITY NOTES

- (TC-1) THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES AND FLAGMEN AS MAY BE NECESSARY FOR THE CONTROL, SAFETY AND MAINTENANCE OF TRAFFIC WHEN INITIALLY 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-17) INCLUDES AN ESTIMATED 2,222 L.F. (PAINT)(4"WIDE) WHITE STRIPE AND 2,222 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.
- (TC-21) INCLUDED IN THE COST OF THIS ITEM SHALL BE INSTALLATION, MAINTENANCE AND REMOVAL. THIS ITEM SHALL BE BID ACCORDINGLY.
- (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 AND BARRICADES WHICH ARE SHOWN WITH TYPE "A" LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.
- (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.
- (TC-33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLUORESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956 (LATEST REVISION)

THE MANUFACTURER SHALL FURNISH A TYPE D 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-44) PRICE BID FOR THIS ITEM SHALL INCLUDE ATTENUATOR MODULES, SAND, WOODEN PALLETS (IF REQUIRED), RELOCATION, AND MAINTENANCE.
- (TC-45) INCLUDED IN THIS ITEM SHALL BE 15 SAND FILLED MODULES TO BE USED FOR 120 DAYS. THESE MODULES SHALL BE PLACED WHERE SHOWN IN THE PLANS OR ON THE STANDARD DRAWINGS AND INSTALLED AS SHOWN IN THE STANDARD DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- (TC-52) ANY USED CHANGEABLE MESSAGE SIGN AND/OR CONSTRUCTION ZONE IMPACT ATTENUATOR 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.
- (TC-61) ANY DAMAGE TO A FINISHED OR EXISTING SURFACE RESULTING FROM THE CONTRACTORS NEGLIGENCE IN THE REMOVAL OF CONSTRUCTION ZONE PAVEMENT MARKERS OR CHANNELIZING DEVICES AND THE BITUMINOUS ADHESIVE USED IN THEIR INSTALLATION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.
- (TC-65) THE PRICE BID FOR THIS ITEM SHALL INCLUDE THE FOLLOWING:
A. ONE OFFICIALLY MARKED OKLAHOMA HIGHWAY PATROL CAR (WHEN PROJECT INVOLVES A STATE OR FEDERAL HIGHWAY) OR A LOCAL CITY OR COUNTY LAW ENFORCEMENT VEHICLE. PRICE BID FOR THIS ITEM SHALL BE PAID ON A PER UNIT PER HOUR BASIS.
B. ONE LAW ENFORCEMENT OFFICER WITH JURISDICTIONAL AUTHORITY TO WRITE AND ISSUE TRAFFIC CITATIONS. THE LAW ENFORCEMENT OFFICER SHALL BE INSURED, LICENSED AND BONDED, IF REQUIRED, BY THE CONTRACTOR. THIS OFFICER SHALL BE SPECIFICALLY APPROVED AND ASSIGNED TO THIS WORK ACTIVITY.
C. THE CONTRACTOR SHALL MAKE ALL THE NECESSARY ARRANGEMENTS WITH A LAW ENFORCEMENT AGENCY TO PROVIDE THE REQUIRED LAW ENFORCEMENT ON THIS PROJECT.
D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING HIS ANTICIPATED WEEKLY SCHEDULE TO THE ENFORCEMENT AGENCY TWO WEEKS IN ADVANCE OF THE WORK. THE WORK SCHEDULE WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
E. THE LAW ENFORCEMENT AGENCY WILL BE PAID FOR A MAXIMUM OF ONE (1) HOUR, PER WORK PERIOD, TO ALLOW FOR TRAVEL TO AND FROM THE OFFICER'S PERMANENT DUTY STATION AND THE WORK SITE. THIS WILL BE PAID ONE (1) TIME PER WORK PERIOD AS DEFINED BY THE CONTRACTOR IN AGREEMENT WITH THE ENGINEER.
- (TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
- (TC-73) QUANTITY SHOWN INCLUDES 324 EA. (WHITE) AND 304 EA. (YELLOW) CONSTRUCTION ZONE PAVEMENT MARKERS (FLEX TAB). THESE CONSTRUCTION ZONE PAVEMENT MARKERS SHALL BE EITHER "DAVIDSON PLASTICS: MODEL TOM", OR AN APPROVED EQUAL. INSTALLATION AND REMOVAL SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND AS SHOWN ON STANDARD DRAWING TCS10-I-(LATEST REVISION).
- (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-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: <http://www.okdot.state.ok.us/traffic/qpl/index.php>
- (SP-1) THE FOLLOWING CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAY PAY ITEMS.

PHASE 1: 60 DAYS
PHASE 2: 110 DAYS
PHASE 3: 30 DAYS

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.
- (SP-2) WARNING LIGHTS TYPE C ARE NOT REQUIRED.
- (SP-3) SIGN PLACEMENT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. PORTABLE CHANGEABLE MESSAGE SIGNS WILL BE IN PLACE 14 DAYS PRIOR TO BEGINNING OF CONSTRUCTION AND WILL REMAIN IN PLACE FOR 14 DAYS AFTER END OF CONSTRUCTION.

TRAFFIC CONTROL GENERAL CONSTRUCTION NOTES

- ANY SIGNS AND/OR DELINEATORS WHICH ARE TO BE REMOVED DURING THIS PROJECT WILL BE STORED IN A PROTECTED AREA DESIGNATED BY THE RESIDENT ENGINEER, UNTIL SUCH A TIME THAT THEY ARE TO BE RESET BY THE CONTRACTOR. COST OF THIS WORK TO BE INCLUDED IN OTHER ITEMS OF WORK
- EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTRUCTION. ALL CONSTRUCTION SIGNING WILL BE DONE ACCORDING TO STANDARDS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND AS SHOWN ON TCS STANDARD DRAWINGS.
- GROUND MOUNTED CONSTRUCTION TRAFFIC CONTROL SIGNS SHALL HAVE A MAXIMUM MOUNTING HEIGHT OF 7'-6".
- REMOVED MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR AND IT SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE RESIDENT ENGINEER.
- ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, GUARDRAIL, SLOPES AND SIGNS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- ALL REMOVED SIGNS, SIGN POSTS, BOLTS, MISCELLANEOUS HARDWARE AND DELINEATORS SHALL REMAIN THE PROPERTY OF THE STATE. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DESIGNATED BY THE ENGINEER UNTIL SUCH A TIME AS DIVISION PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.
- AFTER REMOVAL OF ANY SIGN FOOTINGS, THE HOLES SHALL BE FILLED WITH SOIL AND TAMPED AND SHAPED IN A MANNER APPROVED BY THE RESIDENT ENGINEER.
- CONTRACTOR TO PROVIDE DRIVEWAY ACCESS AT ALL TIMES DURING CONSTRUCTION.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL MEET ODOT'S, "QUALITY STANDARDS FOR TEMPORARY TRAFFIC CONTROL DEVICES".
- THE CONTRACTOR SHALL PROVIDE A PERSON TO BE ON 24 HOUR CALL AS NEEDED AS DETERMINED BY THE ENGINEER. THIS PERSON SHALL HOLD A CURRENT CERTIFICATION FROM THE AMERICAN TRAFFIC SAFETY SERVICE ASSOCIATION (ATSSA) OR THE OKLAHOMA TRAFFIC ENGINEERING ASSOCIATION (OTEA) AS A TRAFFIC CONTROL TECHNICIAN OR TRAFFIC CONTROL SUPERVISOR.
- THE DISRUPTION OF I-35 USING A TRAFFIC SHIFT SHALL BE COORDINATED AND APPROVED BY ODOT PRIOR TO IMPLEMENTATION. ALL ELEMENTS OF THE INTERSTATE FACILITY SHALL BE RESTORED TO THEIR PRE-EXISTING CONDITIONS.

30363(04) PAY QUANTITIES TRAFFIC CONTROL				
0300 TRAFFIC				
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	
857 (A)	8839 CONSTRUCTION TRAFFIC STRIPE (PAINT) (4" WIDE) (TC-17, 20, 70, 75)	LF	4,444	
857 (E)	8890 (PL) CONST ZONE PVMT MARKERS (FLEX TAB) TYPE 2-2 (TC-21, 61, 70, 73, 75)	EA	367	
871 (B)	8705 (SP) CONST ZONE IMPACT ATTEN (TC-44, 45, 52) (SP-1)	SD	970	
877 (B)	8484 DELIVER PORTABLE LONGITUDINAL BARRIER (TC-1, 2)	LF	3,600	
880 (A)	8812 ARROW DISPLAY (TYPE C) (SP-1)	SD	200	
880 (B)	8818 CONSTRUCTION SIGNS 0 TO 6.25 SF (TC-26, 33) (SP-1)	SD	8,120	
880 (B)	8821 CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF (TC-26, 33) (SP-1)	SD	2,720	
880 (B)	8824 CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF (TC-26, 30, 33) (SP-1)	SD	4,750	
880 (C)	8842 CONSTRUCTION BARRICADES (TYPE III) (TC-26) (SP-1)	SD	1,520	
880 (C)	8848 WING BARRICADES (TC-26) (SP-1)	SD	2,400	
880 (D)	8854 VERTICAL PANELS (TC-26) (SP-1) (SP-2)	SD	660	
880 (E)	8860 WARNING LIGHTS (TYPE A) (TC-26) (SP-1)	SD	6,990	
880 (F)	8878 DRUMS (TC-26) (SP-1) (SP-2)	SD	20,220	
880 (L)	8911 TRAFFIC SURVEILLANCE, POLICE (TC-65, 70)	HOUR	1,600	
882 (A)	8306 PORTABLE CHANGEABLE MESSAGE SIGN (TC-52, 85) (SP-1) (SP-3)	SD	456	



- BORDER R=1.5"
- TH=0.75"
- IN=0.75"
- COLOR: LEGEND, SYMBOL AND BORDER: BLACK (NON-REFLECTORIZED) BACKGROUND: FLUORESCENT ORANGE (REFLECTORIZED) FLUORESCENT YELLOW (REFLECTORIZED) WHITE (REFLECTORIZED) CIRCLE AND DIAGONAL: RED (TRANSPARENT)



03-02-2017

CA 5769 PE/LS
LAMB-STAR ENGINEERING, L.P.
5700 W. PLANO PARKWAY, SUITE 1000
PLANO, TX 75093
214-440-3600

DESIGN	WLO	
DRAWN	TWW	
CHECKED	WLO	
APPROVED	JML	
SQUAD	L-SL	ENGR.

SUMMARY OF PAY QUANTITIES
(TRAFFIC CONTROL)

JOB PIECE NO. 30363(04) SHEET NO. 6

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