

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE
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△	CHANGED ITEM DESC.	10-17-17
△	CHANGED UNIT & QUANT.	10-18-17

GENERAL CONSTRUCTION NOTES

- (C-51) REMOVED MATERIAL TO BECOME PROPERTY OF CONTRACTOR AND IT SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.
- (C-52) THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE O.D.O.T. STANDARDS AND DETAIL DRAWINGS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.
- (C-53) ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, GUARDRAIL, SLOPES, AND SIGNS SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- (C-56) ALL REGULATORY SIGNS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) FOR TYPE III SHEETING.
ALL WARNING SIGNS SHALL HAVE FLUORESCENT YELLOW SHEETING. THE FLUORESCENT YELLOW SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) REQUIREMENTS FOR TYPE VIII SHEETING.
ALL GREEN AND BLUE SIGNS ON CONVENTIONAL HIGHWAYS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) FOR TYPE III SHEETING.
ALL PANEL AND OVERHEAD SIGNS SHALL HAVE TYPE III HIGH INTENSITY BACKGROUND WITH TYPE VIII LEGENDS AND BORDERS. THE TYPE III BACKGROUND AND THE TYPE VIII LEGENDS AND BORDERS SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION).
THE MANUFACTURER SHALL FURNISH A TYPE 'A' CERTIFICATION IN ACCORDANCE WITH ODOT STANDARD SPECIFICATIONS, LATEST EDITION, AND SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON THE MATERIAL SUBMITTED FOR APPROVAL.
- (C-57) ALL BROKEN CONCRETE INCLUDING OLD SIGN FOOTINGS WITH STUBS, WASTE MATERIAL AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN AN AREA APPROVED BY THE ENGINEER. NO PAYMENT SHALL BE MADE FOR THE DISPOSAL OF THIS MATERIAL. ANY PIPE POST OR WIDE FLANGE POST ABOVE THE OLD SIGN FOOTINGS SHALL BE CUT AND HANDLED AS PROPERTY OF THE STATE AND SHALL BE NEATLY STACKED ON THE JOB SITE, AS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME AS DIVISION PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.
- (C-58) NO SPLICES SHALL BE PERMITTED IN ANY PIPE OR WIDE FLANGE SIGN POSTS.
- (C-59) ALL ANCHOR BOLTS SHALL BE GRADE A-36 STEEL.
- (C-60) THE STATIONS AND LOCATIONS OF THE SIGN PLACEMENT, AS SHOWN ON THE PLAN SHEETS, ARE APPROXIMATE. EXACT STATIONS AND LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH DEPARTMENT STANDARDS AND THE MUTCD IN ORDER TO PROVIDE OPTIMUM VISIBILITY TO THE ONCOMING/APPROACHING MOTORIST. IF A PROPOSED LOCATION CONFLICTS WITH OTHER SIGNS, UTILITIES OR OTHER ROADWAY FEATURES, THE ENGINEER SHALL BE NOTIFIED.
- (C-61) POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE, EXACT LENGTH SHALL BE DETERMINED BY FIELD SURVEY BY THE CONTRACTOR.
- (C-62) THE COST OF REPLACEMENT OF MISSING OR DAMAGED EDGE STRIP ON EXISTING SIGNS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
- (C-63) ALL EXISTING AND NEW BREAKAWAY SIGN POSTS, PIPES AND WIDE FLANGE BEAMS SHALL HAVE SHEET METAL BOLT RETAINER PLATES AS SPECIFIED IN O.D.O.T. STD. FGS1-1-(LATEST REVISION). REPLACEMENT COST OF MISSING OR DAMAGED BOLT RETAINER PLATES AND ALL ASSOCIATED HARDWARE AND LABOR SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
- (C-65) 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 TIME AS DIVISION PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.
- (C-66) ALL SIGNS SHALL BE REMOVED FROM THE POSTS IN A SALVAGEABLE MANNER FOR REUSE. CARE SHALL BE TAKEN DURING REMOVAL AND TRANSPORTING TO ALLEVIATE DAMAGE OF MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING REMOVAL OF SIGNS AND SIGN POSTS.
- (C-68) AFTER REMOVAL OF ANY SIGN FOOTINGS, THE HOLES SHALL BE FILLED WITH SOIL AND TAMPED AND SHAPED IN A MANNER APPROVED BY THE ENGINEER.
- (C-69) FOR NEW OR EXISTING GROUND MOUNTED SIGNS, MAXIMUM STUB POST PROJECTION ABOVE FOOTING/GROUND LINE SHALL BE 1-3/4" +/- 1/4". MAXIMUM FOOTING PROJECTION ABOVE GROUND LINE SHALL BE NO MORE THAN 2". SHOULD ADDITIONAL SOIL BE REQUIRED, THE ENGINEER WILL DESIGNATE AN AREA TO OBTAIN ADDITIONAL SOIL. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

PAY QUANTITY NOTES

- (TS-1) "REMOVAL OF SIGN FOOTINGS" SHALL MEAN THE REMOVAL OF AN EXISTING FOOTING WITH OR WITHOUT STUBS AND SHALL BE DISPOSED OF AS NOTED IN GENERAL CONSTRUCTION NOTES.
- (TS-32) THE 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 (TRAFFIC STRIPE SHALL INCLUDE COST OF REMOVAL OF ARROWS, WORKS, AND SYMBOLS. THE PAVEMENT MARKING TO BE REMOVED SHALL BE CONSIDERED THERMOPLASTIC AND BID ACCORDINGLY.
DURING REMOVAL OF EXISTING STRIPING AND REPLACEMENT WITH NEW STRIPING, PERMANENT STRIPING SHALL BE REPLACED WITHIN 48 HOURS AFTER OLD STRIPING IS REMOVED.
- (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-35) SEE STANDARD DRAWING IA1-1-(LATEST REVISION), OR MIA1-1-(LATEST REVISION) FOR CONCRETE PAD DESIGN.
- (TS-36) PRIVE BID FOR SAND FILLED IMPACT ATTENUATOR(S) SHALL INCLUDE COST FOR OMI1-1 OR OMI1-3 SIGN(S) WITH TYPE VIII SHEETING, AND THE REMOVAL OF ANY OM-3, OR OM-3E SIGNS(S)

PAY ITEM NOTES

- (STS-1) COST TO INCLUDE ALL NECESSARY HARDWARE AND ELECTRICAL EQUIPMENT REQUIRED FOR RESETTING/RELOCATION. REMOVAL, STORAGE AND REINSTALLATION, INCLUDING LOCATION SHALL BE APPROVED BY THE ENGINEER.
- (STS-2) COST TO INCLUDE POLES, HARDWARE, AND FOOTINGS NECESSARY TO RESET SIGN IN THE NEW LOCATION. INSTALLATION LOCATION TO BE FIELD VERIFIED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. INSTALLATION SHALL MEET ODOT TRAFFIC STANDARDS GMS1-1-(LATEST REVISION), SSA2-1-(LATEST REVISION), (FGS1-1-(LATEST REVISION), FGS2-1-(LATEST REVISION) AND SPA1-1-(LATEST REVISION).
- (STS-3) QUANTITY SHOWN INCLUDES 24,718 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 12,531 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(YELLOW) AND 11,400 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(BLACK) AND WILL BE MEASURED BY THE LINEAR FOOT OF SIX (6") WIDE TRAFFIC STRIPE.
- (STS-4) QUANTITY SHOWN INCLUDES 1,449 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 1,449 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(BLACK) AND WILL BE MEASURED BY THE LINEAR FOOT OF EIGHT (8") WIDE TRAFFIC STRIPE.
- (STS-5) OVERHEAD SIGNS THAT ARE TO BE REMOVED, RESET, AND/OR RELOCATED SHALL BE CAREFULLY REMOVED BY THE CONTRACTOR AND STORED AT A SITE SELECTED BY THE ENGINEER. ANY DAMAGE TO THE SIGNS OCCURING DURING THE REMOVAL, TRANSPORTATION, STORAGE, RESETTING, AND/OR RELOCATION OF THE SIGN SHALL BE REPAIRED BY, AND AT THE EXPENSE OF THE CONTRACTOR.
- (STS-6) IMPACT ATTENUATOR ON THIS PROJECT SHALL BE A "SCI100GM", MANUFACTURED BY WORK AREA PROTECTION CORPORATION, OR A "QUAD GUARD ELITE", MANUFACTURED BY ENERGY ABSORPTION SYSTEMS, OR APPROVED EQUAL. THE UNITS MUST MEET NCHRP 350 TEST LEVEL III REQUIREMENTS AND "OKLAHOMA DEPARTMENT OF TRANSPORTATION GUIDELINES FOR CRASH CUSHIONS". PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST FOR FURNISHING AND INSTALLING THE UNITS INCLUDING THE REINFORCING STEEL AND CONCRETE FOR THE CONCRETE PAD AND CONCRETE BACKUP IF NEEDED.

SIGNING AND STRIPING PAY QUANTITIES

0301 TRAFFIC		JP 30444(06)	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
509(D)	0325 CLASS C CONCRETE	CY	41.00
511(A)	0332 REINFORCING STEEL	LB	841.00
516(A)	6096 DRILLED SHAFTS 60" DIAMETER	LF	252.00
805(A)	8700 REMOVAL OF SIGN FOOTING	(TS-1) EA	11.00
805(A)	8718 (PL)REMOVAL OF OVERHEAD SIGN STRUCTURE & SIGNS	(TS-1)(STS-5) LSUM	1.00
805(D)	8756 (PL) REMOVE & RESET EXISTING SIGNS	(STS-2)(TS-33) EA	7.00
805(D)	8764 REMOVE & RESET/RELOCATE ITS EQUIPMENT	(STS-1) EA	1.00
850(A)	8110 SHEET ALUMINUM SIGNS	SF	144.00
850(B)	8114 EXTRUDED ALUMINUM PANEL SIGNS (OVERHEAD SIGNS)	SF	1,672.50
851(C)	8324 2" SQUARE TUBE POST L.F.	LF	120.00
852(D)	0340 OVHD.SN.STR., MONOTUE TYPE B 110'	EA	1.00
852(D)	0345 OVHD.SN.STR., MONOTUE TYPE B 115'	EA	1.00
852(D)	0350 OVHD.SN.STR., MONOTUE TYPE B 120'	EA	1.00
852(D)	0355 OVHD.SN.STR., MONOTUE TYPE B 125'	EA	1.00
852(D)	0360 OVHD.SN.STR., MONOTUE TYPE B 130'	EA	1.00
852(E)	0500 OVHD.SN.STR., MONOTUE TYPE C	EA	1.00
856(A)	8535 TRAFFIC STRIPE (MULTI-POLY.) (6" WIDE)	(STS-3) LF	48,649.00
856(A)	8540 TRAFFIC STRIPE (MULTI-POLY.) (8" WIDE)	(STS-4) LF	7,322.00
856(A)	8548 TRAFFIC STRIPE (MULTI-POLY.) (12" WIDE)	LF	5,591.00
856(B)	8860 TRAFFIC STRIPE (MULTI-POLY.) (ARROWS)	EA	63.00
856(B)	8870 TRAFFIC STRIPE (MULTI-POLY.) (SYMBOLS)	EA	19.00
856(B)	8880 TRAFFIC STRIPE (MULTI-POLY.) (WORDS)	EA	17.00
857(F)	8006 PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)	(TS-32) LF	17,954.00
870(A)	8011 SAND FILLED IMPACT ATTENUATION MODULE	(TS-35)(TS-36) EA	57.00
871(A)	8325 (SP) IMPACT ATTENUATOR	(STS-6) EA	3.00

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APPROVED	
SQUAD	POE

SUMMARY OF PAY QUANTITIES & NOTES (SIGNING & STRIPING)

STATE JOB NO. 30444(06) SHEET NO. 9