

OKLAHOMA TURNPIKE AUTHORITY
ENGINEERING DIVISION

**PAY QUANTITY NOTES
AND
GENERAL CONSTRUCTION NOTES
FOR USE WITH 2010 OTA SPECIFICATIONS**

As of February 13, 2020 the following notes will become additional General and Pay Item Notes to be tied to items of work on OTA Contracts.

Since pay items are listed in the same order as the respective portion of the specifications, so will the notes that apply to them. These notes should only be revised to the extent of filling in blanks, otherwise a special note should be used, and using a different numbering system (without an O-).

The general construction notes included here will supplement the 2009 ODOT General Notes. Include G-note numbers in the plans. Be sure to read the text of the note to know if it applies to your project.

Engineering Division may access all of the notes in Microsoft Word on the F drive at:
F:\ENGR\Administration\PreConstruction\OTA Pay Item Notes, DRAFT 2020-2-13.doc

PAY QUANTITY NOTES

- (O-1) INCLUDES AN ESTIMATED _____ CY TO BE USED FOR UNDERCUTTING AND BACKFILLING AREAS OF UNSUITABLE MATERIAL AS DIRECTED BY THE ENGINEER.
- This note will be tied to both 202(A) UNCLASSIFIED EXCAVATION and 202(D) UNCLASSIFIED BORROW.

- (O-2) ESTIMATED QUANTITY ONLY. TO BE USED AS DIRECTED BY THE ENGINEER. PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF SEDIMENT REMOVAL WHEN THE DEVICE IS HALF-FULL, OR AS DIRECTED BY THE ENGINEER.
- This note will be tied to 221 TEMPORARY EROSION CONTROL pay items..
- (O-3) TO BE MEASURED AND PAID BASED ON THE THEORETICAL CROSS-SECTION SHOWN ON THE TYPICAL SECTION MULTIPLIED BY THE ACTUAL LENGTH INSTALLED.
- This note will be tied to 303 AGGREGATE BASE.
- (O-4) SPECIAL CONCRETE FINISH SHALL BE CIM 1000, OR APPROVED EQUAL. THIS ITEM SHALL BE APPLIED TO ALL ABUTMENTS AND PIERS AS DIRECTED IN THE PLANS. EDGES OF THE SPECIAL CONCRETE FINISH SHALL BE MASKED WITH TAPE PRIOR TO APPLICATION TO ENSURE CLEAN STRAIGHT LINES ARE OBTAINED. ANY AREAS CONTAINING SPECIAL CONCRETE FINISH OUTSIDE OF THE AREAS AS INDICATED IN THE PLANS SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- This note will be tied to 509 SPECIAL CONCRETE FINISH.
- (O-5) LINEAR FOOT BID PRICE TO INCLUDE COST OF TRENCH EXCAVATION, BEDDING MATERIALS, AND SEPARATOR FABRIC.
- This note will be tied to 613(J) PERFORATED PIPE UNDERDRAIN and 613(K) NON-PERFORATED PIPE UNDERDRAIN.
- (O-6) THE SALVAGED MATERIALS SHALL BE CAREFULLY REMOVED AND DELIVERED TO THE _____ MAINTENANCE YARD.
 DELIVERIES ACCEPTED: 9:00 AM – 3:00 PM MONDAY THRU FRIDAY
 (24 HOUR NOTICE REQUIRED)
 CONTACT PHONE: _____
 CONTACT PERSON: _____
- This note will be tied to 619(B) REMOVAL ITEMS that are to be salvaged. The Note can be modified if Counties or other entities are to receive portions of the salvageable material.
- (O-7) GUARDRAIL DELINEATORS SHALL BE PLACED AT 50' SPACING. GUARDRAIL DELINEATORS SHALL BE "PEXCO I-FLEX (WHITE)" DELINEATORS OR APPROVED EQUAL.
- This note will be tied to 853 GUARDRAIL DELINEATORS, EACH
- (O-8) THE G.E.T. GUARDRAIL END SECTIONS SHALL BE IN ACCORDANCE WITH THE STD. SKT-1 (LATEST REVISION). G.E.T. SYSTEM LENGTH IS 46'-10 1/2".
- This note will be tied to 623(H) G.E.T. GUARDRAIL END SECTION.
- (O-9) DELINEATORS SHALL BE PLACED EVERY TENTH OF A MILE, 18" FROM EDGE OF PAVEMENT. DELINEATORS SHALL CONSIST OF A "PEXCO FLEXI-GUIDE MODEL 456" WITH A 3"X9" HIGH INTENSITY REFLECTIVE STRIP AND AN 18" STEEL SOIL ANCHOR MANUFACTURED BY "SAFE-HIT" OR AN APPROVED EQUIVALENT. THE LAST THREE (3) DELINEATORS APPROACHING A TURNAROUND SHALL BE YELLOW IN COLOR AND REFLECTIVE STRIP. ALSO INCLUDED IS THE COST TO REMOVE THE EXISTING DELINEATORS. REMOVED DELINEATORS TO BECOME PROPERTY OF THE CONTRACTOR.
- This note will be tied to 853 DELINEATORS.
- (O-10) THIS ITEM IS TO BE USED AS APPROVED BY THE ENGINEER TO DIRECT TRAFFIC DURING THE VARIOUS STAGES OF CONSTRUCTION. CONTRACTOR MAY USE FLEX TABS OR CLASS A PAVEMENT MARKERS AT HIS OPTION. CONTRACTOR SHALL USE FLEX – TABS OR CLASS A PAVEMENT MARKERS FOR TEMPORARY MARKINGS AS SHOWN ON THE PLANS AND ON ALL FINISHED SURFACES. PAYMENT WILL BE BY THE LINEAR FOOT OF PAINT REGARDLESS OF THE ITEM USED. INCLUDED IN THE COST OF THIS ITEM SHALL BE INSTALLATION AND MAINTENANCE. REMOVAL, IF MATERIAL OTHER THAN PAINT, IS USED SHALL BE INCLUDED IN THIS ITEM. REMOVAL OF PAINT SHALL BE PAID FOR SEPARATELY.

- This note will be tied to 857(A) CONSTRUCTION TRAFFIC STRIPE (PAINT).
- (O-11) REMOVAL OF CONSTRUCTION STRIPE PAINT SHALL BE PAID BY THE LINEAR FOOT. THIS ITEM SHALL INCLUDE REMOVING STRIPE, ARROWS, WORDS AND SYMBOLS AS SHOWN IN THE PLANS. PRIOR TO PAVEMENT MARKING REMOVAL, CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL THE MEANS AND METHODS FOR THE PAVEMENT MARKING REMOVAL
- This note will be tied to 857 (A) CONSTRUCTION TRAFFIC STRIPE (PAINT) and include special provision SP 857 (Construction Zone Pavement Markings)
- (O-12) THIS ITEM INCLUDES COST TO FURNISH AND APPLY TACK COAT IN ACCORDANCE WITH STANDARD SPECIFICATION 407 BETWEEN ASPHALT LIFTS. OBTAIN APPROVAL FROM THE OSR OF THE CLEANLINESS OF ALL MILLED SURFACES BEFORE APPLYING THE TACK COAT.
- (O-14) MOWING SHALL BE IN _____ CYCLES, APPROXIMATELY MIDWAY THROUGH THE PROJECT AND AT LEAST WITHIN ONE WEEK PRIOR TO FINAL INSPECTION OR UPON DISCRETION OF THE ENGINEER.
- (O-15) DELETED
- (O-16) SURFACE CORRECTION TO THE TOP LIFT OF SUPERPAVE SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 430, "PAVEMENT SMOOTHNESS" OF THE STANDARD SPECIFICATIONS. AREAS THAT REQUIRE SURFACE CORRECTION SHALL BE FOG SEALED USING EITHER CMS-IPF (ETAC) FROM ERGON OR HPE-C FROM CALUMET OR EQUIVALENT MATERIAL APPROVED BY THE ENGINEER. APPLICATION RATE SHALL BE IN ACCORDANCE WITH SECTION 407, "FOG SEAL AND TACK COAT" OF THE STANDARD SPECIFICATIONS. THE AUTHORITY SHALL CONSIDER THE COST OF FOG SEAL ON SURFACE CORRECTIONS TO BE INCLUDED IN OTHER ITEMS OF WORK. NO ADDITIONAL COMPENSATION FOR FOG SEALING THE SURFACE CORRECTIONS WILL BE ALLOWED.
- This note will be tied to 430 PAVEMENT SMOOTHNESS – non-biddable
- (O-17) CONTRACTOR TO VERIFY DIMENSIONS AND FURNISH SHOP DRAWINGS FOR APPROVAL BEFORE FABRICATION OF SIGNS
- This note will be tied to 850 pay items.
- (O-18) THE CONTRACTOR SHALL PROVIDE A CONTACT, AVAILABLE 24 HOURS A DAY, SEVEN DAYS A WEEK, THAT IS RESPONSIBLE FOR MAINTAINING AND KEEPING ALL TRAFFIC CONTROL DEVICES IN POSITION ANYTIME TRAFFIC IS DIRECTED AWAY FROM THE NORMAL TRAFFIC LANES OR ANYTIME THE ENGINEER DEEMS IT NECESSARY
- This note will be tied to Construction Traffic Control – as deemed necessary by Construction Engineer for Urban Turnpikes and mandatory for rural turnpikes.
- (O-19) BRIDGE HEIGHTS SHALL BE POSTED 3" LOWER THAN THE LOWEST MEASUREMENT TAKEN FROM THE ROADWAY SURFACE BELOW **AS PROVIDED BY THE ENGINEER**. CONTRACTOR SHALL SUBMIT DETAILS FOR ATTACHING THE VERTICAL CLEARANCE SIGN TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLING THE SIGNS ON THE BRIDGES.
- This note will be tied to W12-2p signs

GENERAL CONSTRUCTION NOTES

Traffic Control

- (G-48) CONTRACTOR SHALL NOT UTILIZE EMERGENCY VEHICLE TURNAROUNDS ON THE TURNPIKE.
- (G-49) TRUCK MOUNTED ATTENUATORS WILL BE USED TO PROTECT BLUNT ENDS EXPOSED TO TRAFFIC WHEN SAND FILLED IMPACT ATTENUATORS OR GUARDRAIL ARE REMOVED. THE CONTRACTOR SHALL NOT LEAVE ANY EXPOSED ENDS OF STRUCTURES.
- Tied to Construction Zone Impact Attenuator
- (G-50) DELETED
- (G-51) THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND CONSTRUCTION PHASING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL TWO WEEKS PRIOR TO BEGINNING CONSTRUCTION AND EACH PHASE OF THE PROJECT.
- (G-52) LANE LINES, AT A MINIMUM, SHALL BE ESTABLISHED AT ALL TIMES DURING CONSTRUCTION.

Miscellaneous

- (G-53) CONTRACTOR SHALL DOCUMENT PRE-CONSTRUCTION SITE CONDITIONS BY MEANS OF PHOTOGRAPHS AND VIDEO WITH A DESIGNATED OTA REPRESENTATIVE, BEFORE THE START OF CONSTRUCTION. COST SHALL BE CONSIDERED AS INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE. CONTRACTOR SHALL PROVIDE THE ENGINEER A DIGITAL COPY OF THE PHOTOGRAPHS AND VIDEO AT THE PRE-WORK MEETING.
- (G-54) CONTRACTOR SHALL PERFORM ALL CONSTRUCTION STAKING REQUIRED FOR THE PROJECT. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.
- Include this note when only miscellaneous staking is required. Do not use this note if the STAKING pay item is used.
- (G-55) CONTRACTOR SHALL PAY ALL TURNPIKE FEES. TOLL COST SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
- (G-56) ALL WORK AND/OR MATERIALS NOT CLASSIFIED AS A "CONTRACT PAY ITEM" SHALL BE CONSIDERED INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT.
- (G-57) THE CONTRACTOR SHALL OBTAIN FINAL VERTICAL CLEARANCES AT ALL TPU BRIDGES WITHIN THE LIMITS OF THE PROJECT FROM THE ENGINEER. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

(G-58a) DELETED

(G-58b) DELETED

(G-58c) DELETED

(G-58d) DELETED

(G-59) GEOTECHNICAL SUBSURFACE INVESTIGATION REPORTS ARE AVAILABLE FOR REVIEW AT THE OFFICE OF _____ AND THE OFFICE OF THE OKLAHOMA TURNPIKE AUTHORITY IN OKLAHOMA CITY. THE REPORTS WILL BE POSTED ON THE PIKEPASS WEBSITE AND ARE FOR INFORMATIONAL PURPOSES ONLY. OTA CANNOT GUARANTEE THE ACCURACY OF THE SOIL CONDITIONS.

(G-60) DELETED

(G-61) ALL FIELD MEASUREMENTS SHALL PREVAIL ON INSTALLATION AND REMOVAL.

Site work/Right-of-Way

(G-62) DELETED – TO BE REPLACED BY AGREEMENT BETWEEN CONTRACTOR AND OTA FOR TEMPORARY USE OF OTA RIGHT OF WAY.

(G-63) IF THE CONTRACTOR ELECTS TO OPEN A GATE IN THE RIGHT-OF-WAY FENCE, THE GATE SHALL EITHER BE LOCKED OR MANNED AT ALL TIMES. IF THE GATE IS FOUND UNLOCKED OR UNMANNED THREE TIMES, THE GATE WILL BE PERMANENTLY LOCKED.

(G-64) OTA RETAINS THE RIGHT TO KEEP ANY ROADS FROM THE TURNPIKE TO THE COUNTY ROADS CONSTRUCTED BY THE CONTRACTOR. ALL ACCESS ROADS SHALL BE GATED AND ACCESS TO BE APPROVED BY THE OTA.

(G-65) THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY RIGHT-OF-WAY FENCE AS REQUIRED. WHEN THE PORTION OF THE PROJECT THAT REQUIRED THIS FENCE IS COMPLETED, THE TEMPORARY FENCE SHALL BE REMOVED, AND PERMANENT RIGHT-OF-WAY FENCING SHALL BE RESTORED OR INSTALLED IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

Roadway

(G-66) DELETED

(G-67) DELETED

(G-68) DELETED

Toll Specific

(G-69) WHEN AFFECTING TRAFFIC THRU A PIKEPASS “READER LANE”, NOTIFY ASSISTANT TOLL DIRECTOR – ETC AT (405)425-7407, A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE. IF NO ANSWER, LEAVE A MESSAGE. LEAVING A MESSAGE DOES NOT CONSTITUTE APPROVAL FOR LANE CLOSURES.

- (G-70) WHEN FIBER OPTIC LINES ARE AFFECTED OR FIBER INSTALLATION IS REQUIRED, THE CONTRACTOR SHALL CONTACT THE IT DIVISION AT (405) 425-3643 OR (405) 409-7082 A MINIMUM OF 21 DAYS IN ADVANCE TO COORDINATE/SCHEDULE WORK.

Bridge

- (G-71) ALL DIMENSIONS OF THE EXISTING BRIDGE AND ROADWAYS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, BOTH SURVEYED AND AS-BUILT, NECESSARY TO CONNECT THE NEW MATERIAL AND SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY THEREOF. REFER TO THE AS-BUILT PLANS FOR DIMENSIONS AND DETAILS NOT SHOWN IN THE PLANS.

Lane Closure / Ramp Closure Notes

- (G-72) THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR **FOURTEEN (14)** DAYS PRIOR TO ALL CONSTRUCTION ACTIVITIES THAT REQUIRES A LANE/RAMP/TOLL FACILITY CLOSURE.
- (G-73) DELETED
- (G-74) MATERIAL TRANSFER VEHICLES AND TRUCKS SHALL USE INSIDE (OUTSIDE) LANES DURING CONSTRUCTION. ONLY ROLLERS AND PAVERS SHALL OPERATE IN AREAS ON PREPARED SUBGRADE (SHOULDER).
- This note to be used on shoulder and center median projects. Specify which lane will be allowed, i.e. either the INSIDE or the OUTSIDE depending upon what side the work is being performed.
- (G-75) ALL TRASH, DEBRIS, SPOILS, ETC. SHALL BE REMOVED IN A TIMELY MANNER. CONTRACTOR, AT HIS OWN EXPENSE, SHOULD KEEP THE SITES OF HIS OPERATIONS CLEAN DURING CONSTRUCTION AND REMOVE ALL RUBBISH AS IT ACCUMULATES. UPON FAILURE OF THE CONTRACTOR TO KEEP THE SITE OF HIS OPERATIONS CLEAN TO THE SATISFACTION OF THE ENGINEER, THE ENGINEER MAY, UPON 24-HOURS NOTICE TO THE CONTRACTOR, REMOVE RUBBISH, AS IS DEEMED NECESSARY, AND CHARGE THE COST THEREOF TO THE CONTRACTOR.
- (G-76) DELETED
- (G-77) ONLY THE AMOUNT OF GUARDRAIL THAT CAN BE REPLACED WITHIN 14 CALENDAR DAYS MAY BE REMOVED AT ANY TIME. A SCHEDULE OF REMOVAL SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER. APPROPRIATE SAFETY SYSTEM SHALL BE IN PLACE TO PROTECT THE HAZARD
- (G-78) ANY GUARDRAIL WITHIN PROJECT LIMITS THAT HAS BEEN DAMAGED AS A RESULT OF AN ACCIDENT SHALL BE REPAIRED BY THE CONTRACTOR AND AN APPROPRIATE SAFETY SYSTEM SHALL BE IN PLACE WITHIN 48 HOURS OF CONTRACTOR NOTIFICATION NEW GUARDRAIL THAT HAS BEEN DAMAGED SHALL BE REPLACED WITHIN 14 DAYS OF THE ACCIDENT. OLD GUARDRAIL THAT HAS BEEN DAMAGED SHALL BE PROTECTED UNTIL IT IS REPLACED.

Environmental

(G- 79) CLIFF SWALLOWS AND BARN SWALLOWS ARE SMALL COLONIAL NESTING BIRDS WHO COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. OTHER MIGRATORY BIRDS MAY ALSO OCCUPY THE TREES OR GROUNDS SURROUNDING THE PROJECT. PER THE DEPARTMENT OF INTERIOR M-OPINION 37050 (DECEMBER 22, 2017), AN INDIVIDUAL OR ENTITY MAY DESTROY AN ACTIVE MIGRATORY BIRD NEST WHILE CONDUCTING ANY PROJECT ACTIVITY THRU INCIDENTAL TAKE WHERE THE INTENT OF THE ACTION IS NOT TO KILL MIGRATORY BIRDS OR DESTROY THEIR NESTS OR CONTENTS. NO ATTEMPT TO SPECIFICALLY REMOVE A NEST OR INTENTIONALL KILL MIGRATORY BIRDS IS ALLOWED.

- This note is to be used for bridge rehabilitation projects.