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TRAFFIC CONTROL STANDARD DRAWINGS

REFERENCES TO SUPPLEMENTAL SPECIFICATIONS 857, 858, 861, 957, 958 AND 961 ON THE STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ AS RESPECTIVE REFERENCES TO ITEMS 630, 631, 633, 730, 731 AND 733.

SIGN LOCATIONS

SIGN LOCATIONS OF EXISTING AND PROPOSED SIGNS ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR PRIOR TO ERECTION OF ALL SIGN SUPPORTS (POSTS, BEAMS, OVERHEADS) SHALL STAKE THE PROPOSED LOCATION, INCLUDING OFFSET. OVERHEAD SUPPORT LOCATIONS SHALL ALSO INCLUDE FOUNDATION ELEVATIONS. THE ENGINEER SHALL APPROVE ALL SUPPORT LOCATIONS AND MAY ADJUST THE LOCATION TO CORRECT SLOPE AND SUBSURFACE DIFFICULTIES, SIGN SIGHT DISTANCE OBSTRUCTIONS, IMPROVE SAFETY AND ELIMINATE OVERHEAD OBSTACLES.

SIGN POSITION

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, GROUND MOUNTED SIGNS HAVE CORRECT LATERAL AND VERTICAL CLEARANCE AND LONGITUDINAL POSITION IN ACCORDANCE WITH THE STANDARD CONSTRUCTION DRAWINGS AND OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) WHERE PHYSICAL CONDITIONS PERMIT.

ITEM 630-REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, AS PER PLAN

THE CONTRACTOR SHALL REMOVE BOTH MONOTUBE SUPPORTS LOCATED ON THE SR-84 OVERPASS OF SR-44 (STA. 8+00 & STA. 12+20). REMOVALS SHALL INCLUDE THE HORIZONTAL SUPPORT MEMBERS, THE VERTICAL SUPPORTS, THE FOUNDATIONS, AND THE SIGNS AND ASSOCIATED ATTACHMENT APPARATUS.

THE CONTRACTOR SHALL ALSO REMOVE THE TWO TRAFFIC SIGNALS AND ASSOCIATED ATTACHMENT APPARATUS SUPPORTED BY THE MONOTUBE LOCATED ON THE EAST END OF THE SR-84 OVERPASS (STA. 12+20). UPON STORING THESE ITEMS, THE CONTRACTOR SHALL CONTACT JEFF FOX, ODOT SIGNAL ELECTRICIAN, AT (216) 292-5801 TO ARRANGE FOR PICK UP.

THE CONTRACTOR SHALL NOT PERFORM ANY REMOVAL WORK ON THE LOCATION AT STA. 12+20 UNTIL THE NEW SIGN SUPPORT/SIGNAL SUPPORT IS ERECTED AND THE SIGNAL HEADS ARE ENERGIZED (SUPPORT NO.205).

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS OUTLINED ABOVE:

ITEM 630-REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, AS PER PLAN.....2 EACH

ITEM 630-REMOVAL OF OVERHEAD MOUNTED SIGN SUPPORT AND REERECTION, AS PER PLAN

THE CONTRACTOR SHALL FIELD INSPECT THE EXISTING SIGN SUPPORT LOCATION AND MEASURE THE DIAMETER OF THE ANCHOR BOLT CIRCLE BEFORE PLACING THE THE NEW FOUNDATION AS TO ENSURE THE ACCURATE PLACEMENT OF THE NEW ANCHOR BOLTS.

ALSO, UPON REMOVAL OF THE SIGN STRUCTURE, THE CONTRACTOR SHALL REMOVE AND STORE THE DISCONNECT SWITCH FOR USE ON THE REERECTED STRUCTURE.

PAYMENT FOR THE WORK NOTED ABOVE SHALL BE AS FOLLOWS:
 ITEM 630-REMOVAL OF OVERHEAD MOUNTED SIGN SUPPORT AND REERCTION, AS PER PLAN.

ITEM 630-REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION, AS PER PLAN

UPON REMOVAL OF THE SIGN FROM THE STRUCTURE, THE CONTRACTOR SHALL STORE THE SIGN ATTACHMENT HARDWARE FOR USE IN THE REERECTION OF THE SIGN AT ITS NEW LOCATION. THE LUMINAIRE SUPPORT ASSEMBLY SHALL ALSO BE REERECTED AT THE NEW LOCATION.

PAYMENT FOR THE WORK NOTED ABOVE SHALL BE AS FOLLOWS:
 ITEM 630-REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION, AS PER PLAN.

ITEM 630-SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN

THE CONTRACTOR SHALL MOUNT PROPOSED SIGNS RIGID TO THE MAST ARM ACCORDING TO THE DETAILS SHOWN ON STANDARD CONSTRUCTION DRAWING TC-16.20. ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO PERFORM THIS ITEM OF WORK SHALL BE INCLUDED UNDER THIS PAY ITEM.

ITEM 632-COMBINATION SIGN SUPPORT MISC.: TYPE TC-81.20 AND SIGN SUPPORT TC-12.30

THIS SUPPORT SHALL CONSIST OF A TC-12.30 DESIGN NO.5 POLE WITH A TC-81.20 DESIGN NO.3 SIGNAL ARM, 31 FEET AND A TC-12.30 DESIGN NO.4 SIGN SUPPORT ARM, 14 FEET. ALL SIGNAL SUPPORT ITEMS REQUIRED BY ITEM 632 AND ALL SIGN SUPPORT ITEMS REQUIRED BY ITEM 630 SHALL BE INCLUDED AS PART OF THIS SUPPORT.

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

LOOP DETECTORS

AN ESTIMATED QUANTITY OF ITEM 632-DETECTOR LOOP, AS PER PLAN HAS BEEN PROVIDED AS A CONTINGENCY WHEN WIRE IS CUT, BROKEN, OR DESTROYED DUE TO PAVEMENT REPAIR OR BUTT JOINT OPERATIONS.

NEW LOOP DETECTORS SHALL BE PLACED AT THE SAME LOCATIONS AND SAME SIZE AS THE EXISTING. THE LOOP DETECTOR WIRE SHALL BE REPLACED TO THE PULL BOX OR POLE, WHICHEVER IS APPLICABLE, UNDER ITEM 632 AND TC-82.10. THE NEW CABLE SPLICE KITS SHALL BE INCLUDED IN THIS PAY ITEM.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 632-DETECTOR LOOP, AS PER PLAN.....12 EACH

REF. NO.	STATION	SHT. NO.	SIZE	# OF TURNS
L-1	SR-44 NB: 17+51	149	4' x 8'	3
L-2	SR-44 SB: 26+55	149	4' x 8'	3
L-3	GIRDLED RD. WB	149	8' x 15'	2
L-4	GIRDLED RD. WB	149	8' x 15'	2
L-5	GIRDLED RD. WB	149	8' x 15'	2
L-6	GIRDLED RD. EB	149	8' x 15'	2
L-7	GIRDLED RD. EB	149	8' x 15'	2
L-8	GIRDLED RD. EB	149	8' x 15'	2
L-9	RAMP A SR-44/SR-84	158	10' x 27'	2-4-2
L-10	RAMP C SR-44/SR-84	158	8' x 18'	2
L-11	RAMP D SR-44/SR-84	158	8' x 15'	2-4-2
L-12	RAMP D SR-44/SR-84	158	8' x 15'	2-4-2

RAISED PAVEMENT MARKERS

MATERIALS SUPPLIED BY THE DEPARTMENT

FOR THIS PROJECT, THE RPM CASTINGS SUPPLIED BY O.D.O.T. WILL COME WITH REFLECTORS ATTACHED.

ALL MATERIALS ARE TO BE CONTRACTOR FURNISHED, EXCEPT THAT THE DEPARTMENT SHALL SUPPLY RPM MATERIALS IN THE QUANTITIES SHOWN HEREIN TO THE CONTRACTOR. PAY ITEMS FOR THE DEPARTMENT SUPPLIED MATERIALS SHALL BE INDICATED AS "INSTALLATION ONLY". THE TYPE OF DEPARTMENT SUPPLIED MATERIAL SHALL BE RAISED PAVEMENT MARKER CASTINGS.

THE CONTRACTOR SHALL PICK UP THE DEPARTMENT SUPPLIED RPM MATERIALS AT THE OPI WAREHOUSE IN COLUMBUS, OHIO.

THE CONTRACTOR SHALL PICK UP DEPARTMENT SUPPLIED RPM MATERIALS AT THE SPECIFIED LOCATION(S) FOR TRANSPORT TO THE WORK SITE OR TO THE CONTRACTOR'S STORAGE FACILITY. THE RECYCLED RAISED PAVEMENT MARKER (RPM) AUTHORIZATION FORM IS TO BE SIGNED BY THE DISTRICT CONSTRUCTION ENGINEER PRIOR TO PICK UP OF THE RPMs. THE CONTRACTOR SHALL NOTIFY THE DISTRICT AND / OR THE PARTIES LISTED ON THE AUTHORIZATION FORM IN WRITING AT LEAST FIVE (5) CALENDAR DAYS PRIOR TO PICK UP OF THE DEPARTMENT SUPPLIED MATERIALS. THE CONTRACTOR SHALL STORE THE RPMs WITHOUT DAMAGE OR CONTAMINATION WITH FOREIGN MATTER. A DEDUCTION IN THE AMOUNT OF THE ACTUAL COST TO THE DEPARTMENT SHALL BE MADE FOR MATERIALS DAMAGED BY THE CONTRACTOR OR FOR CASTINGS RECEIVED BY THE CONTRACTOR WHICH WERE NOT INSTALLED AND WERE NOT RETURNED TO THE DEPARTMENT.

RETURN OF NON-PERFORMED RAISED PAVEMENT MARKER MATERIALS SUPPLIED BY THE DEPARTMENT

RAISED PAVEMENT MARKER MATERIALS SUPPLIED BY THE DEPARTMENT, THAT ARE NON-PERFORMED SHALL BE CAREFULLY REPACKED OR PACKED IN THE BOXES IN THE SAME STYLE AND QUANTITY AS ORIGINALLY RECEIVED FROM THE DEPARTMENT. CASTING STYLES SHALL NOT BE MIXED WITHIN ANY ONE CONTAINER. THE CONTRACTOR SHALL CLEARLY MARK ON THE OUTSIDE OF EACH CONTAINER THE STYLE OF CASTING. BOXES SHALL BE PLACED ON SKIDS OR PALLETS IN THE SAME STYLE (LOW PROFILE OR CONVENTIONAL, REFLECTORISED OR NON REFLECTORISED) AND NO MORE THAN 420 RPMs (OR 21 BOXES) ON ONE SKID.

ONLY USE THE BOXES SUPPLIED BY THE RAISED PAVEMENT MARKER RECYCLER. BOXES MUST BE MARKED WITH THE RECYCLER'S PART OR CATALOG NUMBER AND THE PROJECT NUMBER. THE RECYCLER'S CATALOG OR PART NUMBERS MAY BE OBTAINED FROM THE OFFICE OF TRAFFIC ENGINEERING IN COLUMBUS, OHIO OR FROM THE RECYCLER. BOXES NOT MARKED WITH THE PROPER RECYCLER'S CATALOG OR PART NUMBERS, AND THE DEPARTMENT'S PROJECT NUMBER WILL NOT BE ACCEPTED AT THE RECYCLER'S WAREHOUSE.

NON PERFORMED MATERIALS WILL BE RETURNED TO THE LOCATION AS SPECIFIED BY THE DISTRICT CONSTRUCTION ENGINEER WITHIN 30 DAYS OF THE COMPLETION OF THE PROJECT.

THE ABOVE WORK INCLUDING ALL LABOR, EQUIPMENT AND MATERIAL NEEDED TO PERFORM THE WORK, SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEM.

IF THE DEPARTMENT HAS TO REPACKAGE THE RPMs CORRECTLY, THE CONTRACTOR WILL BE ASSESSED THE ACTUAL COST FOR REPACKAGING THE MATERIALS BY THE DEPARTMENT'S FORCES.

CALCULATED
FLK
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TRAFFIC CONTROL GENERAL NOTES

LAK-44-0.01