

O:\2018\1802295_001_MOT_725_14\roadway\sheets\08619CG002.dgn 4/30/2024 1:10:29 PM agr/off

| SHEET NUM. | | | | | | | | | | PART. | | | | ALT | ITEM | ITEM | GRAND | UNIT | DESCRIPTION | SEE SHEET NO. | CALCULATED | VLC | CHECKED | RJM |
|----------------------------|-------|----|----|----|-----|-------|-------|--------------|-----------|-----------|-----------|-----------|-----|---------|----------|--------|-------|--|-------------|---------------|------------|-----|---------|-----|
| 10 | 39 | 42 | 43 | 83 | 154 | 155 | 156 | OFFICE CALCS | 01/SAF/21 | 02/S>2/21 | 03/MPO/28 | 04/ENH/31 | (X) | EXT | TOTAL | | | | | | | | | |
| DRAINAGE (CONT.) | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | | | | | | | | | 1 | | | 611 | 99114 | 1 | EACH | INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D | | | | | | |
| | | 4 | | | | | | | | | 4 | | | 611 | 99574 | 4 | EACH | MANHOLE, NO. 3 | | | | | | |
| | | 3 | | | | | | | | | 3 | | | 611 | 99654 | 3 | EACH | MANHOLE ADJUSTED TO GRADE | | | | | | |
| | | 2 | | | | | | | | | 2 | | | 611 | 99660 | 2 | EACH | MANHOLE RECONSTRUCTED TO GRADE | | | | | | |
| 3 | | | 1 | | | | | | | | 4 | | | 611 | 99710 | 4 | EACH | PRECAST REINFORCED CONCRETE OUTLET | | | | | | |
| PAVEMENT | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | 2 | | | | 147 | | | 153 | | | 301 | 56000 | 153 | CY | ASPHALT CONCRETE BASE, PG64-22, (449) | | | | | | |
| | | | | | | | | 197 | | | 197 | | | 304 | 20000 | 197 | CY | AGGREGATE BASE | | | | | | |
| | | | | 1 | | | | 89 | | | 90 | | | 407 | 20000 | 90 | GAL | NON-TRACKING TACK COAT | | | | | | |
| | | | | 1 | | | | | | | 1 | | | 441 | 70500 | 1 | CY | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS) | | | | | | |
| | | | | | | | | 34 | | | 34 | | | 442 | 22100 | 34 | CY | ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449) | | | | | | |
| | | | | | | | | 43 | | | 43 | | | 442 | 22400 | 43 | CY | ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (449) | | | | | | |
| | | | | 70 | | | | | | | 70 | | | 452 | 12010 | 70 | SY | 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC IP | | | | | | |
| | | | | | | | | | | | 89 | | | 452 | 13010 | 89 | SY | 9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC IP | | | | | | |
| | 124 | | | | | | | | | | 124 | | | 609 | 14000 | 124 | FT | CURB, TYPE 2-A | | | | | | |
| | 1,592 | | | | | | | | | | 1,592 | | | 609 | 26000 | 1,592 | FT | CURB, TYPE 6 | | | | | | |
| | 5 | | | | | | | | | | 5 | | | 609 | 71000 | 5 | SF | CONCRETE MEDIAN | | | | | | |
| WATER WORK | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | 2 | | | 638 | 10300 | 2 | EACH | FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE | | | | | | |
| LIGHTING | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | LUMP | | | | | LUMP | | | 202 | 75700 | LS | | CONTROL CENTER REMOVED | | | | | | |
| | | | | | | 4 | | | | | 6 | | | 625 | 00480 | 6 | EACH | CONNECTION, UNFUSED PERMANENT | | | | | | |
| | | | | | | 4 | 5 | | | | 15 | | | 625 | 14501 | 15 | EACH | LIGHT POLE FOUNDATION, AS PER PLAN A, 30"X6' DEEP | 153 | | | | | |
| | | | | | | 2 | | | | | 8 | | | 625 | 14501 | 8 | EACH | LIGHT POLE FOUNDATION, AS PER PLAN B, 30"X6' DEEP | 153 | | | | | |
| | | | | | | 1 | | | | | 1 | | | 625 | 15200 | 1 | EACH | LIGHT TOWER FOUNDATION, 36" X 25' DEEP | | | | | | |
| | | | | | | | | | | | 1 | | | 625 | 21000 | 1 | EACH | LIGHT TOWER MAINTENANCE PLATFORM, TYPE A | | | | | | |
| | | | | | | | 1 | | | | 1 | | | 625 | 21400 | 1 | EACH | LIGHT TOWER MAINTENANCE PLATFORM, MISC.: REMOVE PLATFORM | 159 | | | | | |
| | | | | | | 182 | | | | | 182 | | | 625 | 25014 | 182 | FT | CONDUIT, 3/4", 725.052 | | | | | | |
| | | | | | | 2,052 | 1,298 | 428 | | | 3,778 | | | 625 | 25410 | 3,778 | FT | CONDUIT, 2", 725.052 | | | | | | |
| | | | | | | | 45 | | | | 45 | | | 625 | 25506 | 45 | FT | CONDUIT, 3", 725.052 | | | | | | |
| | | | | | | 40 | 463 | | | | 503 | | | 625 | 25900 | 503 | FT | CONDUIT, JACKED OR DRILLED, 2" | | | | | | |
| | | | | | | 3 | | | | | 3 | | | 625 | 27520 | 3 | EACH | REMOVAL OF LUMINAIRE AND REERECTION | | | | | | |
| | | | | | | 2,052 | 1,196 | 428 | | | 3,676 | | | 625 | 29010 | 3,676 | FT | TRENCH, 30" DEEP | | | | | | |
| | | | | | | 2 | | | | | 2 | | | 625 | 29901 | 2 | EACH | JUNCTION BOX, AS PER PLAN, WALL MOUNTED, 6"x6" | 153 | | | | | |
| | | | | | | 11 | 11 | 1 | | | 23 | | | 625 | 30530 | 23 | EACH | PULL BOX, 725.06, SIZE 18 | | | | | | |
| | | | | | | | 1 | | | | 1 | | | 625 | 31510 | 1 | EACH | PULL BOX REMOVED | | | | | | |
| | | | | | | 20 | 28 | 6 | | | 54 | | | 625 | 32000 | 54 | EACH | GROUND ROD | | | | | | |
| | | | | | | | 2 | | | | 2 | | | 625 | 34000 | 2 | EACH | POWER SERVICE | | | | | | |
| | | | | | | 1 | | | | | 1 | | | 625 | 35020 | 1 | EACH | RE-ERECT EXISTING LIGHT TOWER | | | | | | |
| | | | | | | 2,052 | 1,196 | 428 | | | 3,676 | | | 625 | 36010 | 3,676 | FT | UNDERGROUND WARNING/MARKING TAPE | | | | | | |
| LIGHTING ALTERNATES | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | LUMP | | | | LUMP | | | SPECIAL | 62540000 | LS | | MAINTAIN EXISTING LIGHTING | | | | 153 | | |
| | | | | | | | 1 | | | | 1 | | | 625 | 75360 | 1 | EACH | LIGHT TOWER REMOVED FOR STORAGE | | | | | | |
| | | | | | | | 1 | | | | 1 | | | 625 | 75510 | 1 | EACH | POWER SERVICE REMOVED | | | | | | |
| | | | | | | | 1 | 1 | | | 1 | | | 625 | 75540 | 1 | EACH | LIGHT TOWER FOUNDATION REMOVED | | | | | | |
| | | | | | | | 1 | | | | 1 | | | 625 | 75800 | 1 | EACH | DISCONNECT CIRCUIT | | | | | | |
| | | | | | | | 1 | | | | 1 | | | 630 | 89812 | 1 | EACH | REMOVAL OF WOOD POLE AND DISPOSAL | | | | | | |
| | | | | | | 2 | 3 | | | | 5 | | | 632 | 70400 | 5 | EACH | CONDUIT RISER, 2" DIAMETER | | | | | | |
| | | | | | | | 1 | | | | 1 | | | 632 | 89300 | 1 | EACH | WOOD POLE | | | | | | |
| | | | | | | 6 | 12 | 5 | | | 23 | | X | 625 | 10481 | 23 | EACH | LIGHT POLE, AESTHETIC, AS PER PLAN (ALTERNATE 1) | 153 | | | | | |
| | | | | | | 6 | 12 | 5 | | | 23 | | X | 625 | 27550 | 23 | EACH | LUMINAIRE, DECORATIVE (ALTERNATE 1) | 153 | | | | | |
| | | | | | | 14 | 32 | 10 | | | 56 | | X | 625 | 00450 | 56 | EACH | CONNECTION, FUSED PULL APART (ALTERNATE 1) | 153 | | | | | |
| | | | | | | 7 | 16 | 5 | | | 28 | | X | 625 | 00460 | 28 | EACH | CONNECTION, UNFUSED PULL APART (ALTERNATE 1) | 153 | | | | | |
| | | | | | | 6,726 | 5,367 | 1,374 | | | 13,467 | | X | 625 | 23200 | 13,467 | FT | NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (ALTERNATE 1) | 153 | | | | | |
| | | | | | | 210 | 420 | 175 | | | 805 | | X | 625 | 23400 | 805 | FT | NO. 10 AWG POLE AND BRACKET CABLE (ALTERNATE 1) | 153 | | | | | |
| | | | | | | | 4 | | | | 4 | | X | 625 | 27502 | 4 | EACH | LUMINAIRE, UNDERPASS, SOLID STATE (LED), ASYMMETRIC, 240V, 3000K (ALTERNATE 1) | 153 | | | | | |
| | | | | | | 6 | 12 | 5 | | | 23 | | X | 625 | 10481 | 23 | EACH | LIGHT POLE, AESTHETIC, AS PER PLAN (ALTERNATE 2) | 170 | | | | | |
| | | | | | | 6 | 12 | 5 | | | 23 | | X | 625 | 27550 | 23 | EACH | LUMINAIRE, DECORATIVE (ALTERNATE 2) | 170 | | | | | |
| | | | | | | 14 | 32 | 10 | | | 56 | | X | 625 | 00450 | 56 | EACH | CONNECTION, FUSED PULL APART (ALTERNATE 2) | 153 | | | | | |
| | | | | | | 13 | 28 | 10 | | | 51 | | X | 625 | 00460 | 51 | EACH | CONNECTION, UNFUSED PULL APART (ALTERNATE 2) | 153 | | | | | |
| | | | | | | 8,808 | 6,976 | 1,832 | | | 17,616 | | X | 625 | 23200 | 17,616 | FT | NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (ALTERNATE 2) | 153 | | | | | |
| | | | | | | 336 | 672 | 280 | | | 1,288 | | X | 625 | 23400 | 1,288 | FT | NO. 10 AWG POLE AND BRACKET CABLE (ALTERNATE 2) | 153 | | | | | |
| | | | | | | | 4 | | | | 4 | | X | 625 | 27502 | 4 | EACH | LUMINAIRE, UNDERPASS, SOLID STATE (LED), ASYMMETRIC, 240V, 3000K (ALTERNATE 2) | 153 | | | | | |

GENERAL SUMMARY

MOT - 725 - 14.41

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| REF. NO. | SHEET NO. | STATION TO STATION | | 202 | | 202 | | 202 | | 202 | | 202 | | 202 | | 202 | | 202 | | 202 | | 202 | |
|-----------------------------------|-----------|---------------------|-----------|------------------------|--------------------|-------------------------------|--------------------|-------------------------------|----------------------|-------------------------|--------------------------------------|-----------------------------------|------------------------------|--|--------------------------------------|-------------------------------|--------------------------|-------------------------------------|---|------|--|------|--|
| | | | | PAVEMENT REMOVED SY | WALK REMOVED SF | CONCRETE MEDIAN REMOVED SY | CURB REMOVED FT | CURB AND GUTTER REMOVED FT | GUTTER REMOVED SY | GUARDRAIL REMOVED FT | GUARDRAIL REMOVED, AS PER PLAN FT | PIPE REMOVED, 24" AND UNDER FT | PIPE REMOVED, OVER 24" FT | FILL AND PLUG EXISTING 15" CONDUIT FT | CATCH BASIN OR INLET REMOVED EACH | CATCH BASIN ABANDONED EACH | HEADWALL REMOVED EACH | REMOVAL MISC.: RIPRAP REMOVED SF | | | | | |
| | | SR 725 (EX. CL R/W) | | | | | | | | | | | | | | | | | | | | | |
| R-1 | 47 | 753+16.80 | 753+25.84 | | 35 | | | | | | | | | | | | | | | | | | |
| R-2 | 47 | 753+22.16 | 753+54.50 | | | | | | 34 | | | | | | | | | | | | | | |
| P-1 | 47 | 753+05.82 | 753+54.50 | | 26 | | | | | | | | | | | | | | | | | | |
| R-3 | 49 | 757+19.92 | 757+42.82 | | | | 26 | | | | | | | | | | | | | | | | |
| R-4 | 49 | 757+90.58 | 757+92.53 | | | | 7 | | | | | | | | | | | | | | | | |
| R-5 | 49 | 757+93.73 | 760+00.00 | | | | | | | | | | 215 | | | | | | | | | | |
| P-2 | 49 | 757+20.06 | 757+60.64 | | 29 | | | | | | | | | | | | | | | | | | |
| P-3 | 49 | 757+86.63 | 757+93.11 | | 15 | | | | | | | | | | | | | | | | | | |
| RD-1 | 49 | 758+20.40 | | | | | | | | | | | | | | | 15 | | 1 | | | | |
| R-6 | 51 | 760+00.00 | 765+50.00 | | | | | | | | | | 550 | | | | | | 1 | | | | |
| R-7 | 51 | 760+00.00 | 765+50.00 | | | | | | 550 | | | | | | | | | | | | | | |
| P-4 | 51 | 760+88.00 | 765+30.00 | | 116 | | | | | | | | | | | | | | | | | | |
| RD-2 | 51 | 761+00.00 | | | | | | | | | | | | 7 | | | | 1 | | | | | |
| RD-3 | 51 | 762+49.84 | | | | | | | | | | | | | | | | 1 | | | | | |
| RD-4 | 51 | 764+99.23 | | | | | | | | | | | | 9 | | | | 1 | | | | | |
| RD-5 | 51 | 759+51.33 | 760+57.49 | | | | | | | | | | | | 5 | | | | | 1 | | 1255 | |
| R-8 | 53 | 765+50.00 | 767+55.95 | | | | | | | | | | 309 | | | | | | | | | | |
| R-9 | 53 | 767+28.32 | 767+32.82 | | | | 5 | | | | | | | | | | | | | | | | |
| R-24 | 53 | 768+36.43 | 769+28.36 | | | | | | | 36 | | | | | | | | | | | | | |
| P-5 | 53 | 767+28.32 | 767+45.29 | | 20 | | | | | | | | | | | | | | | | | | |
| P-6 | 53 | 767+89.44 | 771+00.00 | | 386 | | | | | | | | | | | | | | | | | | |
| RD-6 | 53 | 766+47.91 | | | | | | | | 2 | | | | | 10 | | | 1 | | | | | |
| RD-7 | 53 | 767+11.60 | | | | | | | | 3 | | | | | 13 | | | 1 | | | | | |
| RD-8 | 53 | 769+76.04 | | | | | | | | 3 | | | | 33 | | | | 1 | | | | | |
| R-10 | 55 | 774+38.50 | 774+47.00 | | | | 3.53 | | | | | | | | | | | | | | | | |
| R-11 | 55 | 774+79.46 | 774+80.92 | | | | 0.27 | | | | | | | | | | | | | | | | |
| R-12 | 55 | 772+92.00 | 773+91.37 | | | | | 99 | 13 | | | | | | | | | | | | | | |
| R-13 | 55 | 774+49.23 | 774+66.57 | | | | | | | | | | | | | | | | | | | | |
| R-14 | 55 | 774+16.00 | | | | | 150 | | | 31 | | | | | | | | | | | | | |
| P-7 | 55 | 771+00.00 | 773+93.96 | | 299 | | | | | | | | | | | | | | | | | | |
| P-8 | 55 | 774+14.59 | 778+91.42 | | 286 | | | | | | | | | | | | | | | | | | |
| RD-9 | 55 | 773+21.27 | | | | | | | | | | | | 15 | | | | 1 | | | | | |
| R-15 | 57 | 779+09.83 | 781+20.00 | | | | | | 210 | | | | | | | | | | | | | | |
| R-16 | 57 | 779+22.20 | 779+90.79 | | | | 268 | | | | | | | | | | | | | | | | |
| R-17 | 57 | 780+20.90 | 780+40.15 | | | | 114 | | | | | | | | | | | | | | | | |
| R-18 | 57 | 780+77.02 | 780+20.00 | | | | 263 | | | | | | | | | | | | | | | | |
| R-19 | 57 | 780+80.87 | 780+20.00 | | | | | | 39 | | | | | | | | | | | | | | |
| P-9 | 57 | 776+50.00 | 778+91.42 | | 303 | | | | | | | | | | | | | | | | | | |
| P-10 | 57 | 779+83.88 | 780+24.01 | | 60 | | | | | | | | | | | | | | | | | | |
| P-11 | 57 | 780+33.42 | 780+82.83 | | 53 | | | | | | | | | | | | | | | | | | |
| | | RAMP B | | | | | | | | | | | | | | | | | | | | | |
| R-22 | 99 | 15+78.23 | 17+40.70 | | | | | | | | | 166 | | | | | | | | | | | |
| R-23 | 99 | 15+81.04 | 17+33.40 | | | | | | | | | 152 | | | | | | | | | | | |
| TOTALS CARRIED TO GENERAL SUMMARY | | | | | | 1593 | 830 | 4 | 936 | 78 | 44 | 318 | 1074 | 64 | 43 | 8 | 8 | 1 | 1 | 1255 | | | |

| | | | |
|-------------------------------------|---------------------|-------------------|-----------|
| CALCULATED VLC CHECKED RJM | ROADWAY SUB-SUMMARY | MOT - 725 - 14.41 | 40 220 |
|-------------------------------------|---------------------|-------------------|-----------|

ITEM 625 - LIGHT POLE FOUNDATION, AS PER PLAN A, 30"x6' DEEP

WHEN FOUNDATION WALLS ARE UNSTABLE INSTALL A FORMING TUBE AND PERFORM FOUNDATION CONCRETE WORK ACCORDING TO ITEM 511, EXCEPT THAT THE LOADING WORK ACCORDING TO ITEM 511, EXCEPT THAT THE LOADING RESTRICTIONS IN 511.14 ARE MODIFIED BY THIS PLAN NOTE. PLACE LSM CONCRETE BETWEEN UNDISTURBED SOIL AND FORMING TUBE, AT THE DIRECTION OF THE ENGINEER.

SQUARED TOPS ARE REQUIRED FOR FOUNDATIONS ADJACENT TO THE SIDEWALK. FORM THE TOP OF THE FOUNDATIONS, ACCORDING TO 632.14, TO A NOMINAL DEPTH OF 6 INCHES BELOW THE GROUNDLINE. PLACE THE CONCRETE FOUNDATION, INCLUDING FORMED TOP, IN ONE CONTINUOUS CONCRETE POUR. FURNISH AND INSTALL A GROUND ROD AT EACH LIGHT POLE FOUNDATION, IN ACCORDANCE WITH 625.16.

REBAR CAGES WILL BE PROVIDED BY ODOT. CONTRACTOR SHALL PICK UP REBAR CAGES AT THE MORaine GARAGE LOCATED AT 3500 DRYDEN ROAD, MORaine, OHIO 45439. THE REBAR CAGES WERE BUILT TO SPECIFICATION FOR TC-15.116 DESIGN 1 FOUNDATIONS. THERE ARE 8 EACH CAGES WITH DIMENSIONS 24" X 11'6" AND 8 EACH CAGES WITH DIMENSIONS 24" X 17'6". CONTRACTOR SHALL CUT CAGES IN ACCORDANCE WITH CMS 509.10 TO 5'6" LENGTHS.

ITEM 625 - LIGHT POLE FOUNDATION, AS PER PLAN B, 30"x6' DEEP

EXCAVATE FOR FOUNDATIONS USING HYDRO EXCAVATION TO SPECIFIED DIMENSIONS ACCOUNTING FOR THE USE OF A FORMING TUBE WHEN NECESSARY.

EXERCISE CAUTION WHEN EXCAVATING IN AREAS OF UNDERGROUND INSTALLATIONS TO AVOID THEIR DISTURBANCE OR DAMAGE. IF SUBSURFACE OBSTRUCTIONS ARE ENCOUNTERED, REMOVE THE OBSTRUCTIONS. IF BEDROCK IS ENCOUNTERED, THE CONTRACTOR MAY REDUCE THAT PORTION OF THE SPECIFIED FOUNDATION DEPTH WITHIN THE BEDROCK UP TO 50 PERCENT. PERFORM ALL NECESSARY DEWATERING OF THE EXCAVATION.

WHEN FOUNDATION WALLS ARE UNSTABLE INSTALL A FORMING TUBE AND PERFORM FOUNDATION CONCRETE WORK ACCORDING TO ITEM 511, EXCEPT THAT THE LOADING WORK ACCORDING TO ITEM 511, EXCEPT THAT THE LOADING RESTRICTIONS IN 511.14 ARE MODIFIED BY THIS PLAN NOTE. PLACE LSM CONCRETE BETWEEN UNDISTURBED SOIL AND FORMING TUBE, AT THE DIRECTION OF THE ENGINEER.

SQUARED TOPS ARE REQUIRED FOR FOUNDATIONS ADJACENT TO THE SIDEWALK. FORM THE TOP OF THE FOUNDATIONS, ACCORDING TO 632.14, TO A NOMINAL DEPTH OF 6 INCHES BELOW THE GROUNDLINE. PLACE THE CONCRETE FOUNDATION, INCLUDING FORMED TOP, IN ONE CONTINUOUS CONCRETE POUR. FURNISH AND INSTALL A GROUND ROD AT EACH LIGHT POLE FOUNDATION, IN ACCORDANCE WITH 625.16.

REBAR CAGES WILL BE PROVIDED BY ODOT. CONTRACTOR SHALL PICK UP REBAR CAGES AT THE MORaine GARAGE LOCATED AT 3500 DRYDEN ROAD, MORaine, OHIO 45439. THE REBAR CAGES WERE BUILT TO SPECIFICATION FOR TC-15.116 DESIGN 1 FOUNDATIONS. THERE ARE 8 EACH CAGES WITH DIMENSIONS 24" X 11'6" AND 8 EACH CAGES WITH DIMENSIONS 24" X 17'6". CONTRACTOR SHALL CUT CAGES IN ACCORDANCE WITH CMS 509.10 TO 5'6" LENGTHS.

625, POWER SERVICE

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE FOLLOWING IS ADDED:

A NEW POWER SERVICE FOR THE PEDESTRIAN LIGHTING IS TO BE INSTALLED. THE CITY OF MIAMISBURG WILL OWN AND MAINTAIN THE PEDESTRIAN LIGHTING POWER SERVICE.

HIGH VOLTAGE TEST WAIVED

THE HIGH VOLTAGE TEST SHALL NOT BE PERFORMED ON THE CIRCUITS CONSTRUCTED BY THIS PROJECT, SINCE THE TEST COULD DAMAGE THE PORTION OF THE COMPLETED CIRCUIT WHICH HAS BEEN IN SERVICE PRIOR TO THIS PROJECT.

PADLOCKS AND KEYS

PADLOCKS FURNISHED SHALL BE EITHER BRASS OR BRONZE, EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNAN 660A, AND SHALL BE KEYED IN ACCORDANCE WITH C&MS 631.06. PAYMENT SHALL BE INCLUDED IN THE BID FOR THE ITEM(S) BEING

SPECIAL, MAINTAIN EXISTING LIGHTING

EXISTING ROADWAYS WHICH ARE TO REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION OF THIS PROJECT AND WHICH ARE LIGHTED SHALL HAVE THE LIGHTING MAINTAINED AS DESCRIBED HEREIN.

BEFORE ANY WORK IS STARTED IN THE IMMEDIATE VICINITY OF THE EXISTING LIGHTING CIRCUITS, REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF THE EXISTING ROADWAY LIGHTING CIRCUITS TO BE MAINTAINED. DURING THIS INSPECTION, A WRITTEN RECORD OF THE CONDITION OF EXISTING LIGHTING SHALL BE MADE BY ODOT'S REPRESENTATIVE. THIS WRITTEN REPORT SHALL NOTE INDIVIDUAL LUMINAIRES WHICH ARE NOT IN WORKING ORDER, INDIVIDUAL POLES WHICH ARE NOT STANDING, AND INDIVIDUAL CIRCUITS WHICH ARE NOT IN WORKING ORDER. THE COMPLETED REPORT SHALL BE SIGNED BY THE REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR.

IF, AS A RESULT OF THIS INSPECTION, IT IS DETERMINED THAT THE CONDITION OF THE EXISTING SYSTEM IS BELOW THAT REQUIRED FOR THE SAFETY OF THE TRAVELING PUBLIC, THEN THE MAINTAINING AGENCY SHALL MAKE THE REPAIRS NECESSARY TO RETURN THE SYSTEM TO AN ACCEPTABLE CONDITION. FOLLOWING THESE REPAIRS, THE SYSTEM SHALL AGAIN BE INSPECTED AND A REPORT SHALL BE MADE AND SIGNED AS OUTLINED HEREIN.

WHEN THE EXISTING SYSTEM IS IN AN ACCEPTABLE CONDITION, IT SHALL BE TURNED OVER TO THE CONTRACTOR WHO SHALL THEN BE REQUIRED TO MAINTAIN THE EXISTING LIGHTING TO THE CONDITION OUTLINED IN THIS REPORT WITH THE EXCEPTION OF KNOCKDOWNS DUE TO TRAFFIC ACCIDENTS.

REPLACEMENT OF KNOCKED DOWN UNITS SHALL BE DONE ONLY WHEN THE ENGINEER HAS DETERMINED THAT THE REPLACEMENT OF THE KNOCKED DOWN UNIT IS NECESSARY AND SHALL BE PAID SEPARATELY ON A UNIT BASIS.

BETTERMENTS SHALL BE COVERED IN ITEMS OF WORK PERTAINING TO THE CONSTRUCTION OF PERMANENT IMPROVEMENT.

WHEN THE SEQUENCE OF CONSTRUCTION ACTIVITIES REQUIRES, OR SHOULD THE CONTRACTOR DESIRE, THE REMOVAL OF THE EXISTING LIGHTING BEFORE THE NEW LIGHTING IS OPERATIONAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING OF THIS PORTION OF THE ROADWAY.

PRIOR TO INSTALLING SUCH LIGHTING, THE CONTRACTOR SHALL PREPARE AND SUBMIT FOUR SETS OF THE TEMPORARY LIGHTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL.

THIS PLAN SHALL SHOW LOCATIONS OF POLES, LENGTHS OF BRACKET ARMS, STYLES OF LUMINAIRES, MOUNTING HEIGHTS, WIRING METHODS AND OTHER PERTINENT INFORMATION. THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 1.2 FOOTCANDLES WITH AN AVERAGE TO MINIMUM UNIFORMITY NOT TO EXCEED 3:1. MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET, AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "B" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THESE CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING.

SPECIAL, MAINTAIN EXISTING LIGHTING CONT'D

ALL MATERIALS NECESSARY TO COMPLETE THE TEMPORARY LIGHTING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. WHEN NO LONGER NEEDED, THE TEMPORARY LIGHTING INSTALLATION SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

THE MAINTAINING AGENCY WILL PAY FOR ELECTRICAL ENERGY CONSUMED BY EXISTING POWER SERVICES AND BY PROPOSED PERMANENT POWER SERVICES AFTER ACCEPTANCE OF THE LIGHTING WORK. THE CONTRACTOR WILL PAY FOR ELECTRICAL ENERGY, INSTALLATION, REMOVAL AND MAINTENANCE OF ANY TEMPORARY POWER SERVICES.

THE LUMP SUM PRICE BID FOR ITEM SPECIAL "MAINTAIN EXISTING LIGHTING" SHALL INCLUDE PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO MAINTAIN THE EXISTING LIGHTING AS SPECIFIED HEREIN.

THE UNIT PRICE BID FOR ITEM SPECIAL "REPLACEMENT OF EXISTING LIGHTING UNIT" SHALL BE FULL PAYMENT FOR THE REPLACEMENT OF AN EXISTING LIGHTING UNIT WHICH HAS BEEN KNOCKED DOWN AFTER THE AFOREMENTIONED INSPECTION AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE A REPLACEMENT FOR SUCH UNIT.

SPECIAL, HIGHWAY LIGHTING INSPECTION

FOR ANY HIGHWAY LIGHTING TOWERS TO BE REMOVED AND REERECTED, CONTRACTOR TO COORDINATE WITH ODOT LIGHTING ENGINEER FOR INSPECTION OF LIFT CABLES AT END ANCHORS AND GUIDE TUBES FOR CORROSION PRIOR TO TAKE DOWN (ODOT TO PERFORM INSPECTION).

625, JUNCTION BOX, AS PER PLAN

THIS ITEM SHALL BE A WALL MOUNTED 6"x6" JUNCTION BOX.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER C&MS ITEM 625, "JUNCTION BOX" FOR EACH JUNCTION BOX WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

LIGHT POLE, AESTHETIC, AS PER PLAN (ALTERNATE 1)

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS AND DETAILS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS, LIGHT POLE, AESTHETIC UNITS SHALL BE STANDARD POST TOP WITH TRANSFORMER BASE AS SHOWN ON HL-10.11 AND PAINTED BLACK (FEDSTD-595B 17038) IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 916.

LIGHT POLE, AESTHETIC, AS PER PLAN (ALTERNATE 2)

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS AND DETAILS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS, LIGHT POLE, AESTHETIC UNITS SHALL AS DETAILED ON SHEET 170.

LIGHT POLES HAVE AN OUTLET WIRED INTO THE LIGHTING CIRCUIT ALTERNATING LINE CONDUCTORS CONTROLLED BY THE PHOTOCELL AND A SEPARATE NEUTRAL CONDUCTOR.

SPECIFICATIONS

LUMINAIRE, WALL PACK, ASYMMETRIC, 240V (ALTERNATE 1)

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIALS SPECIFICATIONS, LUMINAIRES FOR WALL PACK LIGHTING UNITS SHALL BE AS FOLLOWS:

LUMINAIRES FOR WALL PACK LIGHTING UNITS WITH ASYMMETRIC DISTRIBUTION SHALL BE ONE OF THE FOLLOWING OR AN EQUAL AS APPROVED BY THE ENGINEER.

- GE LIGHTING SOLUTIONS EVOLVE EWS3_A7D140_120-277V 3K
- ACUITY BRANDS INC. HOLOPHANE WALLPACK LED W4GLE10C1000 30K T3S 3K
- COOPER LIGHTING SOLUTIONS - MCGRAW - EDISON (FORMERLY EATON) GALLEON GWC-AF-01-LED-E1-T3R-7030-600 3K

LUMINAIRE, WALL PACK, ASYMMETRIC, 240V (ALTERNATE 2)

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIALS SPECIFICATIONS, LUMINAIRES FOR WALL PACK LIGHTING UNITS (OR APPROVED EQUAL) SHALL BE AS FOLLOWS:

- ACUITY BRANDS INC. HOLOPHANE WALLPACK LED W4GLE10C1000 30K T3S 3K

DECORATIVE POST-TOP LUMINAIRE, SOLID-STATE (LED), LANTERN STYLE, 3000K, BLACK FINISH (ALTERNATE 1)

THIS ITEM CONSISTS OF SUPPLYING AND INSTALLING DECORATIVE POST-TOP LED LUMINAIRES FOR STREET AND/OR SIDEWALK ILLUMINATION.*LANTERN STYLE LUMINAIRE CONSISTS OF A FOUR DISCRETE FLAT SLOPING SIDES, PER HL-10.11, WITH GLASS PANELS, AND A ROUNDED OR POINTED TOP AND A SMALL CUPOLA. PROVIDE A LUMINAIRE WITH A B-U-G UP-LIGHTING RATING OF U2 OR LESS.

THE LUMINAIRE IS INTENDED FOR EXTERNAL ON/OFF CONTROL AND SHALL NOT INCLUDE A PHOTOCELL SOCKET. PROVIDE A LUMINAIRE WITH FACTORY-APPLIED BLACK (FEDSTD-595B 17038) FINISH IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 916. SUPPLY ONE OF THE FOLLOWING LUMINAIRES, OR AN APPROVED EQUAL:

- GE LIGHTING SOLUTIONS EVOLVE EST02_09A40 3K
- ACUITY BRANDS INC. AMERICAN ELECTRIC LIGHTING AVPL2 20 LEDE10 XXXX 3K R2 RNP 3K
- COOPER LIGHTING SOLUTIONS - STREETWORKS (FORMERLY EATON) UTLD-AF24-60-D-U-SL3-TL-7030 3K

ITEM 625 LUMINAIRE, DECORATIVE (LED) (ALTERNATE 2)

THIS ITEM CONSISTS OF SUPPLYING AND INSTALLING DECORATIVE SHEPARD'S HOOK LED LUMINAIRES FOR STREET AND/OR SIDEWALK ILLUMINATION. THE LUMINAIRE IS INTENDED FOR EXTERNAL ON/OFF CONTROL AND SHALL NOT INCLUDE A PHOTOCELL SOCKET. PROVIDE A LUMINAIRE WITH FACTORY-APPLIED BLACK (FEDSTD-595B 17038) FINISH IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 916. SUPPLY FOLLOWING LUMINAIRE, OR AN APPROVED EQUAL:

- ACUITY BRANDS INC. - HOLOPHANE GSLB3_P30_30K_XXXXX_BG3 3K

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O:\2018\1802295_001_MOT_725_14\Lighting\sheet\08619LS002.dgn 4/30/2024 1:10:40 PM agr0ff

| REF NO. | SHEET NO. | STATION TO STATION | | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 202 | 630 | 632 | 632 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | | | |
|-----------------------------------|-----------|--------------------|----|----------------------------|-----------------------------------|---|--|-----------------------|-------------------------------|---|--|--|------------------------|---|---|--------------------|--|--|--|--|----------------------------|--|------------------------------|--|-------------------|------------------------------------|--------------------------|----------------------------|--|---|--|---|---|--|--|
| | | | | CONDUIT, 2", 725.052 FT | PULL BOX, 725.06, SIZE 18 EACH | UNDERGROUND WARNING/MARKING TAPE FT | NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (ALTERNATE 1) FT | POWER SERVICE EACH | POWER SERVICE REMOVED EACH | LIGHT POLE, AESTHETIC, AS PER PLAN (ALTERNATE 1) EACH | LIGHT POLE FOUNDATION, AS PER PLAN A, 30"X6' DEEP EACH | LUMINAIRE, UNDERPASS, SOLID STATE (LED) (ALTERNATE 1) EACH | TRENCH, 30" DEEP FT | CONNECTION, FUSED PULL APART (ALTERNATE 1) EACH | CONNECTION, UNFUSED PULL APART (ALTERNATE 1) EACH | GROUND ROD EACH | LUMINAIRE, DECORATIVE (LED) (ALTERNATE 1) EACH | NO. 10 AWG POLE AND BRACKET CABLE (ALTERNATE 1) FT | CONDUIT, JACKED OR DRILLED, 2" EACH | LIGHT POLE FOUNDATION, AS PER PLAN B, 30"X6' DEEP EACH | DISCONNECT CIRCUIT EACH | CONNECTION, UNFUSED PERMANENT EACH | CONTROL CENTER REMOVED LS | REMOVAL OF WOOD POLE AND DISPOSAL EACH | WOOD POLE EACH | CONDUIT RISER, 2" DIAMETER EACH | PULL BOX REMOVED EACH | CONDUIT, 3", 725.052 FT | NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (ALTERNATE 2) FT | LIGHT POLE, AESTHETIC, AS PER PLAN (ALTERNATE 2) EACH | LUMINAIRE, UNDERPASS, SOLID STATE (LED) (ALTERNATE 2) EACH | CONNECTION, FUSED PULL APART (ALTERNATE 2) EACH | CONNECTION, UNFUSED PULL APART (ALTERNATE 2) EACH | LUMINAIRE, DECORATIVE (LED) (ALTERNATE 2) EACH | NO. 10 AWG POLE AND BRACKET CABLE (ALTERNATE 2) FT |
| L-7 | 159 | 761+02 | | | | | 1 | | | | 2 | 1 | 1 | 1 | 35 | | 1 | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-8 | 159 | 761+83 | | | | | | | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| L-9 | 159 | 762+26 | | | | | | | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| L-10 | 159 | 763+15 | | | | | 1 | | | | 2 | 1 | 1 | 1 | 35 | | 1 | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-11 | 159 | 764+16 | | | | | | | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| L-12 | 159 | 764+58 | | | | | | | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| L-13 | 159 | 765+30 | | | | | 1 | | | | 2 | 1 | 1 | 1 | 35 | | 1 | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| PB-14 | 160 | 766+64 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-15 | 160 | 767+24 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-16 | 160 | 768+03 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-17 | 160 | 768+41 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-18 | 160 | 766+61 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-19 | 160 | 768+07 | | 1 | | | | | | | | | 1 | | | | | | 2 | | | | | | | | | | | | | | | | |
| PB-20 | 160 | 766+31 | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PC-31 | 160 | 765+50 | TO | 766+64 | 82 | | | 82 | | | 82 | | | | | | | | | | | | | | | | | | | | | | 348 | | |
| PC-32 | 160 | 766+31 | TO | 766+64 | 47 | | | 47 | | | 47 | | | | | | | | | | | | | | | | | | | | | | 208 | | |
| PC-33 | 160 | 766+64 | TO | 766+71 | 8 | | | 8 | | | 8 | | | | | | | | | | | | | | | | | | | | | | 52 | | |
| PC-34 | 160 | 766+64 | TO | 767+24 | 61 | | | 61 | | | 61 | | | | | | | | | | | | | | | | | | | | | | 264 | | |
| PC-35 | 160 | 767+24 | TO | 767+27 | 6 | | | 6 | | | 6 | | | | | | | | | | | | | | | | | | | | | | 44 | | |
| PC-36 | 160 | 767+24 | TO | 768+03 | 11 | | | 11 | | | 11 | | | | | 68 | | | | | | | | | | | | | | | | | 336 | | |
| PC-37 | 160 | 768+03 | TO | 768+41 | 43 | | | 43 | | | 43 | | | | | | | | | | | | | | | | | | | | | | 192 | | |
| PC-38 | 160 | 768+41 | TO | 768+51 | 19 | | | 19 | | | 19 | | | | | | | | | | | | | | | | | | | | | | 96 | | |
| PC-39 | 160 | 768+51 | TO | 769+44 | 94 | | | 94 | | | 94 | | | | | | | | | | | | | | | | | | | | | | 396 | | |
| PC-40 | 160 | 769+44 | TO | 770+49 | 105 | | | 105 | | | 105 | | | | | | | | | | | | | | | | | | | | | | 440 | | |
| PC-41 | 160 | 770+49 | TO | 770+50 | 1 | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | 24 | | |
| PC-42 | 160 | 765+50 | TO | 766+61 | 115 | | | 115 | | | 115 | | | | | | | | | | | | | | | | | | | | | | 480 | | |
| PC-43 | 160 | 766+61 | TO | 768+07 | 79 | | | 79 | | | 79 | | | | | 68 | | | | | | | | | | | | | | | | | 608 | | |
| PC-44 | 160 | 768+07 | TO | 768+47 | | | | 45 | | | 45 | | | | | | | | | | | | | | | | | | | | | | 20 | | |
| PC-45 | 160 | 766+71 | TO | 766+31 | 58 | | | 58 | | | 58 | | | | | | | | | | | | | | | | | | | | | | 252 | | |
| PC-46 | 160 | 766+31 | TO | 766+21 | 11 | | | 11 | | | 11 | | | | | | | | | | | | | | | | | | | | | | 64 | | |
| PC-62 | 160 | 768+07 | TO | 768+10 | | | | 456 | | | | | | | | 147 | | | | 2 | | | | | | | | | | | | | 608 | | |
| PC-63 | 160 | 768+47 | TO | 768+72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L-15 | 160 | 766+31 | | | | | 1 | | | | 2 | 1 | 1 | 1 | 35 | | 1 | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-16 | 160 | 767+27 | | | | | 1 | 1 | | | 2 | 1 | 1 | 1 | 35 | | | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-17 | 160 | 768+51 | | | | | 1 | | | | 2 | 1 | 1 | 1 | 35 | | 1 | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-18 | 160 | 769+44 | | | | | 1 | 1 | | | 2 | 1 | 1 | 1 | 35 | | | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-19 | 160 | 770+49 | | | | | 1 | 1 | | | 2 | 1 | 1 | 1 | 35 | | | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| CC-1 | 160 | 766+71 | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | |
| CC-2 | 160 | 768+47 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| RPB-1 | 160 | 768+18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| RP-1 | 160 | 768+30 | | | | | | | | 1 | | | | | | | | | 1 | | 1 | 1 | | | | | | | | | | | | | |
| PB-21 | 161 | 772+58 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-22 | 161 | 773+58 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-23 | 161 | 774+75 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PB-24 | 161 | 774+70 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| PC-47 | 161 | 770+51 | TO | 771+63 | 113 | | | 113 | | | 113 | | | | | | | | | | | | | | | | | | | | | | 472 | | |
| PC-48 | 161 | 771+63 | TO | 772+58 | 95 | | | 95 | | | 95 | | | | | | | | | | | | | | | | | | | | | | 400 | | |
| PC-49 | 161 | 772+58 | TO | 772+58 | 17 | | | 17 | | | 17 | | | | | | | | | | | | | | | | | | | | | | 88 | | |
| PC-50 | 161 | 772+58 | TO | 773+43 | 85 | | | 85 | | | 85 | | | | | | | | | | | | | | | | | | | | | | 360 | | |
| PC-51 | 161 | 773+43 | TO | 773+58 | 16 | | | 16 | | | 16 | | | | | | | | | | | | | | | | | | | | | | 84 | | |
| PC-52 | 161 | 773+58 | TO | 774+75 | 43 | | | 43 | | | 43 | | | | | | | | | | | | | | | | | | | | | | 492 | | |
| PC-53 | 161 | 774+75 | TO | 774+70 | 12 | | | 12 | | | 12 | | | | | | | | | | | | | | | | | | | | | | 488 | | |
| PC-54 | 161 | 774+70 | TO | 774+75 | 5 | | | 5 | | | 5 | | | | | | | | | | | | | | | | | | | | | | 40 | | |
| PC-55 | 161 | 774+75 | TO | 775+00 | 25 | | | 25 | | | 25 | | | | | | | | | | | | | | | | | | | | | | 120 | | |
| L-20 | 161 | 771+63 | | | | | 1 | 1 | | | 2 | 1 | 1 | 1 | 35 | | | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-21 | 161 | 772+58 | | | | | 1 | | | | 2 | 1 | 1 | 1 | 35 | | 1 | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-22 | 161 | 773+43 | | | | | 1 | 1 | | | 2 | 1 | 1 | 1 | 35 | | | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| L-23 | 161 | 774+75 | | | | | 1 | 1 | | | 2 | 1 | 1 | 1 | 35 | | | | | | | | | | | | | 1 | 2 | 2 | 1 | 56 | | | |
| TOTALS CARRIED TO GENERAL SUMMARY | | | | 1151 | 11 | 1196 | 5367 | 2 | 1 | 12 | 6 | 4 | 1196 | 32 | 16 | 28 | 12 | 420 | 463 | 6 | 1 | 4 | 1 | 1 | 1 | 3 | 2 | 45 | 6976 | 12 | 4 | 32 | 28 | 12 | 672 |

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| CALCULATED MST CHECKED RJM | LIGHTING SUB-SUMMARY | MOT - 725 - 14.41 |
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