GENERAL NOTES

WATERING PERMANENT SEEDED AREAS

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR PERMANENT SEEDED AREAS PER 659.09:

ITEM 659 WATER	16 M. GAL.
ITEM 659 COMMERCIAL FERTILIZER	0.75 TON

DRAINAGE

ITEM SPECIAL - PRECAST REINFORCED CONCRETE OUTLET

A PRECAST REINFORCED CONCRETE OUTLET SHALL BE NECESSARY AT ALL UNDERDRAIN OUTLET LOCATIONS NOT FLOWING INTO AN APPURTENANCE. THIS INSTALLATION SHALL BE AS SHOWN ON SHEET NO. 40.

PAVEMENT

JOINT SEALERS

ALL REFERENCES TO 705.01 OR 705.02, APPEARING ON STANDARD DRAWINGS OR ON THE PLANS, SHALL BE CONSIDERED TO READ 705.04.

ITEM 304 - AGGREGATE BASE, AS PER PLAN

THE ONLY SLAG MATERIALS PERMITTED FOR THIS ITEM SHALL BE CRUSHED AIR-COOLED BLAST FURNACE SLAG, A MIXTURE OF CRUSHED & GRANULATED SLAGS, OR OPEN HEARTH SLAG FROM APPROVED SOURCES ON FILE AT THE LABORATORY. ALL MATERIALS OR BLENDED MATERIALS SHALL MEET THE GRADATION REQUIREMENTS OF 304.02. ANY GRANULATED SLAG MATERIAL USED SHALL MEET THESE GRADATION REQUIREMENTS IN LIEU OF 703.08.

ITEM 407 - TACK COAT

THE RATE OF APPLICATION OF THE 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF .075 GALLON PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

ITEM 446 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, AC-20, AS PER PLAN

THE COARSE AGGREGATE IN THE ITEM 466 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, AC-20, SHALL BE SLAG.

ITEM 451 - 11' REINFORCED CONCRETE PAVEMENT, AS PER PLAN

THE SURFACE SMOOTHNESS AND TEXTURE, CURING AND JOINT SEALING FOR THIS ITEM SHALL ALL BE CONSTRUCTED AS PER THE SPECIFICATIONS FOR CMS 305, 'PORTLAND CEMENT CONCRETE BASE'.

ITEM 611 - REINFORCED CONCRETE APPROACH SLAB (T=13"), AS PER PLAN

THE REINFORCING STEEL FOR THE APPROACH SLABS OF THIS STRUCTURE SHALL BE EPOXY COATED IN CONFORMANCE WITH 509.

TWO SEPARATE THICKNESSES OF CLEAR OR OPAQUE POLYETHYLENE FILM, 705.06, SHALL BE PLACED ON THE PREPARED SUBBASE AND WHERE THE APPROACH SLAB IS TO BE CONSTRUCTED. THE POLYETHYLENE FILMS SHALL COMPLETELY COVER THE FULL LENGTH AND WIDTH OF THE SUBBASE BETWEEN THE SIDEWALL FORMS FOR THE APPROACH SLAB.

THE UNIT PRICE BID FOR REINFORCED CONCRETE APPROACH SLABS SHALL INCLUDE THE CONCRETE BARRIER WALLS DETAILED ON SHEET NO. 38.

MATERIALS, LABOR AND INSTALLATION SHALL BE INCLUDED FOR PAYMENT IN THIS ITEM 611 - REINFORCED CONCRETE APPROACH SLAB (T=13"), AS PER PLAN.

TRAFFIC CONTROL

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS

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

ITEM 630 - REMOVAL OF SIGN SERVICE

INCIDENTAL TO THE REMOVAL, RELOCATION OR MODIFICATION OF A SIGN SUPPORT IN ACCORDANCE WITH SPECIFICATION 630.12, SIGN SERVICE TO THE SUPPORT SHALL ALSO BE REMOVED. SIGN SERVICE CABLES SHALL BE DISCONNECTED AT THE SERVICE PULLBOX AND REMOVED. CONNECTION OF THE REMAINING CABLES SHALL CONFORM TO 625.17 TO INSURE CIRCUIT CONTINUITY.

ITEM 630 - OVERPASS STRUCTURE MOUNTED SIGN SUPPORT, TYPE TC-18.26, AS PER PLAN

IN LIEU OF THE ANCHOR BOLTS SPECIFICED IN STANDARD CONSTRUCTION DRAWING TC-18.26, THE CONTRACTOR SHALL USE 6 1/2" X 1/2" STAINLESS STEEL THREADED ANCHOR RODS WITH A MINIMUM EMBEDMENT OF 4 1/4". THE GROUT AND HOLES SHALL BE AS PER 510.
GROUT MATERIAL SHALL BE LIMITED TO EPOXY RESIN ONLY AS PER 705.20.

REMOVAL OF EXISTING ITEMS

ALL 630 REMOVAL ITEMS NOT SPECIFICALLY INCLUDING STORAGE OR RE-ERECTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

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 AND 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.

PAYMENT FOR STAKING SHALL BE INCIDENTAL TO THE VARIOUS SIGN SUPPORT ITEMS.

ITEM 631 - REMOVAL OF DISCONNECT SWITCH AND DISPOSAL

INCIDENTAL TO THE REMOVAL OF DISCONNECT SWITCH, THE DISCONNECT SWITCH ENCLOSURE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ITEM 631 - REMOVAL OF LUMINAIRE AND DISPOSAL

INCIDENTAL TO THE REMOVAL OF LUMINAIRE, SIGNS WIRED, BALLAST AND THE MOUNTING BRACKET ASSEMBLY SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ITEM 631 - BALLAST ENCLOSURE, REMOTE BALLAST

ENCLOSURES SHALL BE WEATHERPROOF NEMA TYPE 4 IN ACCORDANCE WITH THE PLAN DETAILS, FABRICATED OF 0.06 INCH STEEL GALVANIZED IN ACCORDANCE WITH 711.02. THE FRONT COVER SHALL BE REMOVABLE AND BEAR A WARNING SIGN CONFORMING TO 713.19, PARAGRAPH 16D. CONDUIT FITTINGS AND ATTACHMENT HARDWARE SHALL BE FURNISHED WITH THE ENCLOSURE. ENCLOSURES SHALL CONTAIN A STEEL PANEL COMPLYING WITH 713.19, PARAGRAPH 16E, FOR INSTALLING TERMINAL BLOCKS AND BUSBARS, RATED AT 600 VOLTS AND PROVIDED WITH MARKER STRIPS AND CAPABLE OF TERMINATING THE WIRE GAGE USED. BALLASTS SHALL BE ARRANGED IN THE ENCLOSURE IN THE SAME RELATIVE POSITION AS THEIR ASSOCIATED LUMINAIRE ON THE SIGN SUPPORT STRUCTURE.

ENCLOSURES SHALL BE OF A SIZE TYPE B FOR OVERPASS STRUCTURES.

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE FOR EACH ENCLOSURE, FURNISHED, IN PLACE, COMPLETE AND READY FOR SERVICE.

ITEM 642 - CENTER LINE, TYPE II, AS PER PLAN (FOR BIKE PATH)

CENTER LINE SHALL BE FOUR (4) INCH DASHED YELLOW LOCATED AT THE CENTER LINE OF THE 10-FOOT WIDE BIKE PATH PAVEMENT, AS PER ITEM 642 AND APPLIED IN 15-FOOT CYCLES CONSISTING OF A THREE (3)-FOOT PAINTED DASH AND A 12-FOOT GAP BETWEEN DASHES.

ITEM 202 - RAISED PAVEMENT MARKERS REMOVED FOR SALVAGE
AND
ITEM 621- RAISED PAVEMENT MARKER

THE CONTRACTOR SHALL REMOVE ALL RAISED PAVEMENT MARKERS IMPACTED BY THIS PROJECT IN ACCORDANCE WITH ITEM 202.071, FOR PICKUP BY STATE FORCES. NEAR THE COMPLETION OF THE PROJECT NEW RAISED PAVEMENT MARKERS SHALL BE PLACED IN THE PAVEMENT AT THE ORIGINAL MARKER LOCATIONS OR AS DIRECTED BY THE ENGINEER. THE NEW MARKERS SHALL COMPLY WITH THE REQUIREMENTS OF STANDARD CONSTRUCTION DRAWINGS TC-65.10 AND TC-65.11, AND SPECIFICATIONS NO. 621.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS USE:

ITEM 202 - RAISED PAVEMENT MARKERS REMOVED FOR SALVAGE	88 EACH
ITEM 621- RAISED PAVEMENT MARKER	88 EACH

LIGHTING

UNDERDRAINS FOR PULL BOXES

REFERENCE IS MADE TO STANDARD DRAWINGS FOR DETAILS OF DRAINING PULL BOXES. UNDERDRAINS FOR PULL BOXES SHALL BE USED AS DIRECTED BY THE ENGINEER AND SHALL BE PROVIDED WHERE THE LENGTH REQUIRED FOR A SATISFACTORY OUTLET DOES NOT EXCEED APPROXIMATELY TWENTY FEET (20') AN ESTIMATED QUANTITY OF 60 LINEAR FEET OF ITEM 603 - 4" CONDUIT, TYPE E, IS INCLUDED IN THE GENERAL SUMMARY FOR THIS PURPOSE.

ITEM SPECIAL - DISCONNECT EXISTING CIRCUIT

THIS ITEM OF WORK SHALL CONSIST OF THE DISCONNECTION OF AN EXISTING LIGHT CIRCUIT AT A PULL BOX OR AT A LIGHT POLE.

DISCONNECTION AT A PULL BOX SHALL INVOLVE CUTTING THE EXISTING CIRCUIT AND REMOVING ALL SPLICE KITS. ANY CABLE THAT IS TO BE ABANDONED SHALL BE TERMINATED IN A MANNER SUCH THAT NO CABLE IS LEFT REMAINING IN THE PULL BOX.

DISCONNECTION AT A LIGHT POLE SHALL INVOLVE THE REMOVAL OF THAT PART OF CABLE THAT IS TO BE ABANDONED FROM THE POLE. THESE ENDS OF THE CONNECTOR KITS FROM WHICH THE ABANDONED CABLE IS REMOVED SHALL BE PLUGGED AND TAPED.

ANY CABLE THAT IS TO BE REUSED IN A PULL BOX OR LIGHT POLE SHALL BE CUT IN A MANNER SO THAT THERE IS SUFFICIENT LENGTH OF CABLE LEFT FOR RECONNECTION. CABLE SPLICE KITS AND CONNECTOR KITS WILL BE PAID FOR RESPECTIVELY UNDER EACH ITEM 625.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH ITEM SPECIAL 'DISCONNECT EXISTING CIRCUIT' AND SHALL BE FULL COMPENSATION INCLUDING ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK.

HIGH VOLTAGE TEST

A LUMP SUM QUANTITY FOR PERFORMING THE HIGH VOLTAGE TEST REQUIRED BY THE ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS HAS BEEN INCLUDED IN THE GENERAL SUMMARY.

CALCULATED J.J.P.
CHECKED R.L.B.

GENERAL NOTES

LAK-2-9.46

BRIDGE 04/93