

IDOT
HIGHWAY
STANDARD

ITEM DESCRIPTION

Table with 2 columns: Item ID and Item Description. Includes items like STANDARD SYMBOLS, AREAS OF REINFORCEMENT BARS, TEMPORARY EROSION CONTROL SYSTEMS, etc.

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE IDOT "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JAN. 1, 2013; THE LATEST EDITIONS OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD) "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS"; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

2. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

3. THIS IMPROVEMENT IS A QUALITY CONTROL/QUALITY ASSURANCE IMPROVEMENT UTILIZING CURRENT HMA AND PCC MIXTURE SPECIFICATIONS.

UTILITIES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

2. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER LINES AND OTHER UTILITY LINES SHOWN ON THE DRAWINGS ARE APPROXIMATE. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLES 107.31 AND 105.07 AT HIS OWN EXPENSE.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE SOLELY AT THE CONTRACTORS EXPENSE, IN ACCORDANCE WITH ARTICLE 107.20.

4. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

5. BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 8-1-1 (OR 800-892-0123) FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND LAKE COUNTY DIVISION OF TRANSPORTATION 847-377-7400 AND VILLAGE OF BEACH PARK FOR FIELD LOCATIONS OF BURIED WATER, STORM AND SANITARY FACILITIES (2 WORKING DAY ADVANCE NOTIFICATION IS REQUIRED).

6. THE CONTRACTOR OR HIS SUBCONTRACTOR FOR SEWER WORK MUST OBTAIN PERMITS FOR THIS WORK. THE CONTRACTOR MUST PROVIDE CONTRACT PLANS AT THE PERMIT IS REQUIRED. MAIN SEWERS ARE NOT TO BE INTERRUPTED UNLESS ADEQUATE PROVISIONS ARE MADE TO CONTINUE SERVICE.

7. UTILITY CROSSINGS: ALONG WADSWORTH ROAD AT LOCATIONS WHERE THE PROPOSED STORM SEWER CROSSES OVER UTILITIES, A 4" STYROFOAM CUSHION SHALL BE PLACED UNDER THE STORM SEWER WHEN DIRECTED TO DO SO BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

STAKING

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

2. ANY RIGHT-OF-WAY MARKERS DISTURBED BY THE CONTRACTOR'S OPERATION THAT ARE NOT SCHEDULED FOR REMOVAL SHOULD BE REESTABLISHED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

STORM SEWER

1. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING CONSTRUCTED.

2. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE/SHE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE/SHE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING CONSTRUCTED.

3. DRAINAGE STRUCTURE FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

4. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON PLANS ARE TO THE PAVEMENT EDGE FOR STRUCTURES IN THE CURB AND TO THE CENTER OF THE STRUCTURE FOR OTHER STRUCTURES. ALL FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTERLINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.

5. PLAN CALLOUTS FOR "PRECAST REINFORCED CONCRETE FLARED END SECTIONS" SHALL REFER TO "CONCRETE END SECTION, STANDARD 542001" FOR SIZES 30-INCHES AND GREATER, AND SHALL CONTINUE TO REFER TO "PRECAST REINFORCED CONCRETE FLARED END SECTIONS" FOR SIZES 24-INCHES AND SMALLER.

6. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE ITEM BEING CONSTRUCTED. ANY MISSION COUPLINGS NEEDED AS WELL AS THE FIRST FIVE FEET OF ANY PIPE NECESSARY TO MAKE THIS CONNECTION SHALL LIKEWISE BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE BEING CONSTRUCTED. ADDITIONAL NECESSARY PIPE, IF ANY, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.

7. WHEN THE REQUIRED VERTICAL AND HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING WATER MAINS CANNOT BE MET, WATER MAIN QUALITY PIPE SHALL BE INSTALLED. THIS PIPE WILL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR WATER MAIN, EXCEPT THAT IT SHALL BE PAID FOR AS "STORM SEWER, WATER MAIN QUALITY" OF THE TYPE AND DIAMETER SPECIFIED.

8. THE CONTRACTOR SHALL CORE HOLES INTO THE WALLS OF EXISTING AND PROPOSED DRAINAGE STRUCTURES FOR PAVEMENT PIPE UNDERDRAIN CONNECTIONS. THESE CONNECTIONS WILL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS.

9. BACKFILLING OPERATIONS AND MATERIALS SHALL CONFORM TO ARTICLE 550.07 OF THE STANDARD & SUPPLEMENTAL SPECIFICATIONS, EXCEPT BACKFILLING METHODS TWO & THREE WILL NOT BE ALLOWED.

DRAINAGE

A. EXISTING AND PROPOSED DRAINAGE SYSTEM CONNECTIONS: THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND/OR CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE AND/OR THE COST OF THE PROPOSED STORM SEWER. ALL NECESSARY ADDITIONAL PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR STORM SEWER OF THE SIZE REQUIRED.

B. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE AT ALL TIMES DURING THE PERFORMANCE OF THE WORK.

EXISTING DRAINAGE FACILITIES:

- I. IF SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE
II. WHEN EXISTING DRAINAGE FACILITIES ARE NOT IDENTIFIED IN THE PLANS BUT ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR STRUCTURES. THEY SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE ELEMENTS. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY. A TEMPORARY OUTLET SHALL BE PREPARED TO DISPOSE OF WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME A PERMANENT CONNECTION TO SEWERS IS BUILT AND IN SERVICE.
III. ANY OF THESE MATERIALS CONSIDERED SUITABLE FOR SALVAGE BY THE ENGINEER SHALL BE STORED WITHIN THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE LAKE COUNTY DIVISION OF TRANSPORTATION. UNUSABLE MATERIALS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO SECTION 202.03 OF THE "STANDARD SPECIFICATIONS" AND AS DIRECTED BY THE ENGINEER.
IV. KNOWN FIELD TILES ENTERING THE R.O.W. ARE SHOWN ON THE PLANS. EXISTING FIELD TILES ENTERING THE R.O.W. NOT IDENTIFIED IN THE PLANS BUT DISTURBED BY THE WORK SHALL BE CUT BACK IN ORDER TO REGRADE THE DITCH AND A CONCRETE HEADWALL ADDED. THIS WORK WILL BE PAID FOR AT THE CONTRACT PRICE FOR STORM SEWER REMOVAL OF THE APPROPRIATE DIAMETER AND CONCRETE HEADWALL OF THE APPROPRIATE DIAMETER. WHERE NO PAY ITEMS EXIST, WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

STRUCTURES, FRAMES AND GRATES:

- I. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS, DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER.
II. THIS WORK SHALL CONSIST OF PROVIDING AN ENVIRONMENTAL NOTICE PROMINENTLY CAST INTO THE ABOVE GRADE PORTION OF THE FRAME OR GRATE/LID FOR ALL NEW OR PROPOSED DRAINAGE STRUCTURES. THE ENVIRONMENTAL NOTICE SHALL BE "DUMP NO WASTE, DRAINS TO WATERWAYS" OR SIMILAR WORDING. THE FRAMES, LIDS AND GRATES SHALL BE ACCORDING TO SECTION 604 OF THE "STANDARD SPECIFICATIONS". THE NOTICE SHALL BE CAST INTO THE TYPE 1 LIDS (OPEN ONLY), TYPE 8 GRATES, TYPE 11 GRATES, AND TYPE 24 GRATES.
III. UNLESS OTHERWISE IDENTIFIED ON THE PLANS, PIPE DRAINS SHALL BE INSTALLED AT A SLOPE OF 0.20%.
IV. REMOVAL OF EXISTING PIPE DRAINS AND UNDERDRAINS SHALL BE PAID FOR PER LINEAR FOOT AS PIPE UNDERDRAINS REMOVAL.

MISCELLANEOUS

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.

2. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. INTERFERENCE WITH TRAFFIC MOVEMENTS AND INCONVENIENCE TO OWNERS OF ABUTTING PROPERTY AND PUBLIC SHALL BE KEPT TO A MINIMUM. THE COST TO PROVIDE ACCESS WITHIN THE PROJECT LIMITS SHALL BE PAID FOR AND INCLUDED IN THE ITEMS "TEMPORARY ACCESS (PRIVATE ENTRANCE)", "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)", "TEMPORARY ACCESS (FIELD ENTRANCE)" AND "TEMPORARY ACCESS (ROAD)".

3. ALL SAW-CUTTING SHALL BE INCLUDED WITH REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL.

4. REMOVAL OF GRAVEL OR OTHER TYPES OF PAVEMENT COMPOSITION SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS.

5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS SO TRAFFIC AND SURFACE DRAINAGE ARE MAINTAINED THROUGHOUT THE DURATION CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER.

6. THE CONTRACTOR SHALL PROVIDE SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS AND VEHICULAR TRAFFIC.

7. DO NOT SCALE DRAWINGS IF COORDINATES AND DIMENSIONS ARE GIVEN.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO CORRECT DAMAGE AT HIS OWN EXPENSE AND FOLLOW ARTICLE 107.16. THE GRADING AND CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER.

9. THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED WITH LOADED SCRAPERS OR TRACK EQUIPMENT.

10. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

11. ALL PROVISIONS RELATING TO TRAFFIC CONTROL, SIGNAGE, BARRICADES AND THE USE OF FLAGMEN SHALL BE SUBJECT TO THE APPROVAL AND THE DIRECTION OF THE ENGINEER. THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE ANY STREET TO THROUGH TRAVEL WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

12. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 105.09 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL FURNISH, WHITE, PINK OR PURPLE PAVEMENT MARKING PAINT IN AEROSOL CANS, FOR USE BY THE ENGINEER. THE QUALITY OF THE MARKING PAINT SHALL BE AS MANUFACTURED BY AERVOE-PACIFIC CO. (DISTRIBUTED BY MUNICIPAL MARKING DISTRIBUTORS, INC., DUNDEE, IL) OR APPROVED EQUAL. THE CONTRACTOR AND SUBCONTRACTORS SHALL ONLY USE THESE SAME COLORS FOR THEIR OWN MARKINGS, THEREFORE, NOT USING J.U.L.I.E. UTILITY COLORS. THE COST SHALL BE INCLUDED IN THE PAY ITEM FOR ENGINEERS FIELD OFFICE.

13. SPECIAL ATTENTION IS CALLED ARTICLE 107.30 OF THE "STANDARD SPECIFICATIONS". ANY DEFACED WORK SHALL BE CORRECTED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE PRIOR TO FINAL PAYMENT. THE DEPARTMENT SHALL COOPERATE WITH THE CONTRACTOR TO MINIMIZE VANDALISM, BUT THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE TO CORRECT ANY DAMAGE. THE DEPARTMENT WILL NOT BE RESPONSIBLE FOR THE SECURITY OF THE WORK SITE IN THIS REGARD, OTHER THAN NORMAL PATROLLING AND RESPONSE TO EMERGENCIES. THE COST OF ADDITIONAL SECURITY REQUIRED TO MEET THIS PROVISION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

14. POLLUTION CONTROL: THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

15. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP AN OFFICE OR YARD ON THE COUNTY PROPERTY WITHOUT WRITTEN APPROVAL FROM THE COUNTY.

16. THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED FOR THEIR OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY THE APPROPRIATE AGENCY. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR RESTORING THE MAINTENANCE OF TRAFFIC DEVICES AFTER THE COMPLETION OF SNOW REMOVAL OPERATION.

17. SURFACE TESTS
A. THE COMPLETED SURFACE COURSE WILL BE TESTED FOR SMOOTHNESS IN THE WHEEL PATH WITH A 16FT. STRAIGHTEDGE ACCORDING TO ARTICLE 406.11 OF THE STANDARD SPECIFICATIONS.
B. THE CONTRACTOR SHALL FURNISH THE APPROPRIATE PERSONNEL AND EQUIPMENT REQUIRED TO PERFORM THE SURFACE COURSE TESTING ACCORDING TO ARTICLE 406.11 OF THE STANDARD SPECIFICATIONS, AND TO THE SATISFACTION OF THE ENGINEER. TRAFFIC CONTROL AND PROTECTION FOR THE TESTING SHALL BE INCLUDED. THE TESTING, INCLUDING ALL REQUIRED PERSONNEL AND EQUIPMENT, WILL BE CONSIDERED INCLUDED IN THE COST OF THE HMA SURFACE COURSE.
C. AT THE ENGINEER'S DISCRETION THE SURFACE TESTING MAY INCLUDE SECTIONS OF THE HIGHWAY REPAIRED WITH PARTIAL DEPTH OR FULL DEPTH PAVEMENT PATCHING AND/OR AREAS OF PAVEMENT REPLACEMENT.

18. PROPOSED PERMANENT SIGNING ALONG WADSWORTH ROAD WILL BE INSTALLED BY LCDOT AND IS NOT PART OF THIS CONTRACT.

19. AGGREGATE SHOULDERS, TYPE B AND AGGREGATE BASE COURSE: THE MATERIAL SHALL BE LIMITED TO CRUSHED GRAVEL, CRUSHED STONE OR CRUSHED CONCRETE.

20. HOT-MIX ASPHALT SURFACE REMOVAL:
A. IF THE MILLING MACHINE CUTS TOO DEEP OR TEARS OUT AREAS OF THE EXISTING PAVEMENT WHICH WERE TO BE SAVED, THE HOLES SHALL BE FILLED WITH LEVELING BINDER AT THE CONTRACTOR'S EXPENSE.
B. TEMPORARY RAMPS AT BUTT JOINTS SHALL BE PROVIDED ACCORDING TO ARTICLE 406.08 OF THE "STANDARD SPECIFICATIONS". TEMPORARY RAMPS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE HOT-MIX ASPHALT SURFACE REMOVAL OF THE DEPTH SPECIFIED, SCHEDULED FOR THE RAMP LOCATION.
C. PENALTY - FAILURE BY THE CONTRACTOR TO PROVIDE A TEMPORARY HOT-MIX ASPHALT RAMP SHALL BE GROUNDS FOR ASSESSMENT OF A PENALTY OF \$100.00 PER DAY, PER RAMP LOCATION, FOR EACH CALENDAR DAY THEREAFTER THAT SUCH FACILITY REMAINS INCOMPLETE, AFTER WRITTEN NOTIFICATION FROM THE ENGINEER. SUCH PENALTY SHALL BE DEDUCTED FROM MONIES DUE OR TO BECOME DUE TO THE CONTRACTOR UNDER THE CONTRACT.

21. RAISED REFLECTIVE PAVEMENT MARKER:
A. SAWCUTTING THE PAVEMENT FOR THE INSTALLATION OF RAISED PAVEMENT MARKERS SHALL BE DONE BY MEANS OF DRY CUTTING THE PAVEMENT. THE CONTRACTOR SHALL MAINTAIN THE PAVEMENT AND THE SURROUNDING AREA IN CLEAN, DRY CONDITION AND SHALL VACUUM THE DUST AND MILLINGS FROM THE PAVEMENT SURFACE.
B. THE METHOD OF CUTTING THE PAVEMENT MAY BE ALTERED BY THE CONTRACTOR PROVIDED THE PAVEMENT SURFACE AND THE SURROUNDING AREA ARE CLEANED TO THE SATISFACTION OF THE ENGINEER. ALTERNATE METHODS OF CUTTING THE PAVEMENT SHALL BE APPROVED BY THE ENGINEER.