

**ITEM 622 - BARRIER, MISC: EXTENSION OF BARRIER HEIGHT**  
THIS ITEM SHALL CONSIST OF EXTENDING THE BARRIER HEIGHT ON PORTIONS OF THE BARRIER ALONG I.R. 71 TO ENCASE THE CURRENTLY EXPOSED ELECTRICAL CONDUIT. THE CONTRACTOR IS ADVISED THAT THE TOP WIDTH OF THE BARRIER WILL VARY. THE BARRIER HEIGHT EXTENSION SHALL BE PROVIDED FOR THE ENTIRE WIDTH OF THE BARRIER AND SHALL BE IN CONFORMANCE WITH THE DETAILS SHOWN IN THE PLANS.

PAYMENT FOR THIS WORK SHALL INCLUDE ALL LABOR, MATERIALS (INCLUDING REINFORCING STEEL AND DOWELS) AND INCIDENTALS REQUIRED TO PERFORM THE WORK, IN PLACE AND ACCEPTED.

**ITEM SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION**

ALL CONCRETE SHALL BE TESTED. ALL TESTING, INSPECTION AND QUALITY CONTROL FOR CONCRETE, NOT INCLUDED UNDER QC/QA PAY ITEMS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE A CONCRETE TESTING CONSULTANT WITH PREVIOUS EXPERIENCE AND FAMILIARITY IN ODOT PROCEDURES, CONCRETE TESTING REQUIREMENTS AND CONCRETE TESTING DOCUMENTATION. AT LEAST 30 DAYS PRIOR TO CONCRETE PLACEMENT, SUBMIT TO THE ENGINEER FOR APPROVAL, THE PROPOSED CONCRETE TESTING CONSULTANT ALONG WITH THE RESUMES OF THE PROPOSED TESTING PERSONNEL.

TESTING CONCRETE FOR STRUCTURES AND PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE PERFORMED AS OUTLINED IN CMS SPECIFICATIONS 455 RESPECTIVELY.

THROUGH THE CONTRACTOR, THE CONSULTANT SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONCRETE PLACED IS IN ACCORDANCE WITH THE SPECIFICATIONS. SUCH WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE ODOT CONSTRUCTION INSPECTION MANUAL OF PROCEDURES FOR CONCRETE. THE CONCRETE CONSULTANT SHALL PROVIDE THE NECESSARY TRAINED TECHNICIAN(S), ALL EQUIPMENT, AND SHALL FURNISH THE PROJECT ENGINEER WITH TWO (2) COPIES OF ALL TEST RESULTS WITHIN 24 HOURS AFTER COMPLETION OF CONCRETE PLACEMENT.

THE TECHNICIAN SHALL BE ACI LEVEL 1 CERTIFIED AND WILL BE REQUIRED TO DEMONSTRATE HIS/HER COMPETENCE AND EXPERIENCE LEVELS TO THE ENGINEER PRIOR TO BEGINNING WORK. THE ENGINEER WILL ORDER THE CONTRACTOR TO REPLACE ANY TECHNICIAN THAT IS NOT VERSED IN THE REQUIRED TESTING PROCEDURE.

THE TECHNICIAN SHALL VERBALLY NOTIFY THE ODOT PROJECT ENGINEER OF ANY FAILING TEST AND SHALL SUBMIT FOLLOW-UP WRITTEN NOTIFICATION TO THE PROJECT ENGINEER OF REMEDIAL ACTION(S) TAKEN. TESTS SHALL BE TAKEN AS SPECIFIED WITHIN THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, CONCRETE MANUAL OR APPROPRIATE SUPPLEMENTAL SPECIFICATION AS LISTED IN THE PROPOSAL GOVERNING THE PROJECT. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAKE IMMEDIATE CORRECTIONS OR ADJUSTMENTS TO THE CONCRETE MIX VIA DIRECT COMMUNICATION WITH THE CONCRETE SUPPLIER'S PLANT PERSONNEL TO MAINTAIN UNINTERRUPTED COMPLIANCE WITH THE SPECIFICATIONS UPON NOTIFICATION OF CONCRETE MIX NON-COMPLIANCE BY THE CONSULTANT TECHNICIAN. THE PROJECT ENGINEER MAY REQUIRE MORE FREQUENT TESTING AS CONDITIONS WARRANT.

**ITEM SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (CONT.)**

UPON COMPLETION OF DAILY CONCRETE PLACEMENT(S), THE CONCRETE CONSULTANT SHALL PROVIDE THE PROJECT ENGINEER WITH DAILY TEST REPORTS, TE-45'S, INSPECTORS DAILY REPORT AND SUPPORTING DOCUMENTATION FOR EACH ITEM OF CONCRETE WORK PERFORMED SEPARATED BY MIX DESIGN. SUBSEQUENTLY, UPON COMPLETION OF AN ENTIRE CONCRETE SPECIFICATION ITEM, THE CONCRETE CONSULTANT SHALL ALSO PROVIDE THE PROJECT ENGINEER WITH TWO (2) COPIES OF AN ADDITIONAL INSPECTION REPORT BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO, WHICH CONTAINS THE TESTING-RESULTS SUMMARY FOR EACH ITEM BY CONTRACT REFERENCE NUMBER AND THE CONSULTANT'S CONCLUSIONS RELATIVE TO SPECIFICATION COMPLIANCE FOR ALL CONCRETE-TESTING WORK.

THE ODOT PROJECT ENGINEER RESERVES THE RIGHT TO MAKE UNANNOUNCED QUALITY-CONTROL TESTS TO VERIFY PROCEDURES USED AND RESULTS BEING OBTAINED BY THE CONTRACTOR.

THE CONCRETE TECHNICIAN SHALL WORK UNDER THE DIRECTION OF A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO, WHO WILL MONITOR THE CONCRETE TEST RESULTS. THE FINAL INSPECTION REPORTS FOR EACH COMPLETED ITEM SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO, CERTIFYING THAT ALL CONCRETE TESTS PROVIDED BY THE CONTRACTOR MET APPLICABLE CONTRACT REQUIREMENTS. A FINAL REPORT ISSUED BY THE CONSULTING FIRM SHALL CONTAIN A CERTIFIED STATEMENT OF COMPLIANCE WITH ODOT SPECIFICATIONS AND ANY OTHER CONCLUSIONS REGARDING THE CONCRETE MATERIALS INCORPORATED INTO THE PROJECT. SUCH STATEMENT SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO. AND, THE CONCRETE CONSULTANT SHALL BE REQUIRED TO ATTEND MONTHLY PROGRESS MEETINGS AS REQUIRED BY THE PROJECT ENGINEER.

ADDITIONALLY, THE CONTRACTOR SHALL BE REQUIRED TO KEEP A POSTED LIST OF BEAM AND CYLINDER IDENTIFICATION NUMBERS FOR THE PURPOSE OF IDENTIFYING THE CORRESPONDING PLACEMENT LOCATION AND CONCRETE SPECIFICATION ITEM.

PAYMENT SHALL BE BID AS LUMP SUM FOR ITEM SPECIAL MISC.: CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION.

THE ITEM WILL BE PAID FOR AS FOLLOWS:  
UPON APPROVAL OF CONSULTANT . . . . . 20%  
PROGRESSIVE EQUIVALENT PAYMENTS . . . . . 50%  
UPON SUBMISSION OF FINAL REPORT . . . . . 30%.

THE TECHNICIAN SHALL HAVE THE FULL EFFECT AND AUTHORITY OF AN ODOT PROJECT INSPECTOR IN DETERMINING ACCEPTABILITY OF MATERIAL AND CONCRETE PLACEMENT PRACTICES.

**CITY OF CINCINNATI STANDARD CONSTRUCTION DRAWINGS**  
THIS PROJECT REFERENCES CITY OF CINCINNATI STANDARD CONSTRUCTION DRAWINGS AND SPECIFICATIONS IN ADDITION TO ODOT STANDARD CONSTRUCTION DRAWINGS AND SPECIFICATIONS. THESE ARE LISTED UNDER "CINCINNATI DOTE STANDARD DRAWINGS" ON THE TITLE SHEET. THEY CAN BE FOUND AT THE LINKS BELOW.

<https://www.cincinnati-oh.gov/dote/permits-licenses/dote-resource-page/traffic-safety-standards/traffic-engineering-standard-drawings/>

AND

<https://www.cincinnati-oh.gov/dote/permits-licenses/dote-resource-page/odot-specifications-and-certification/>

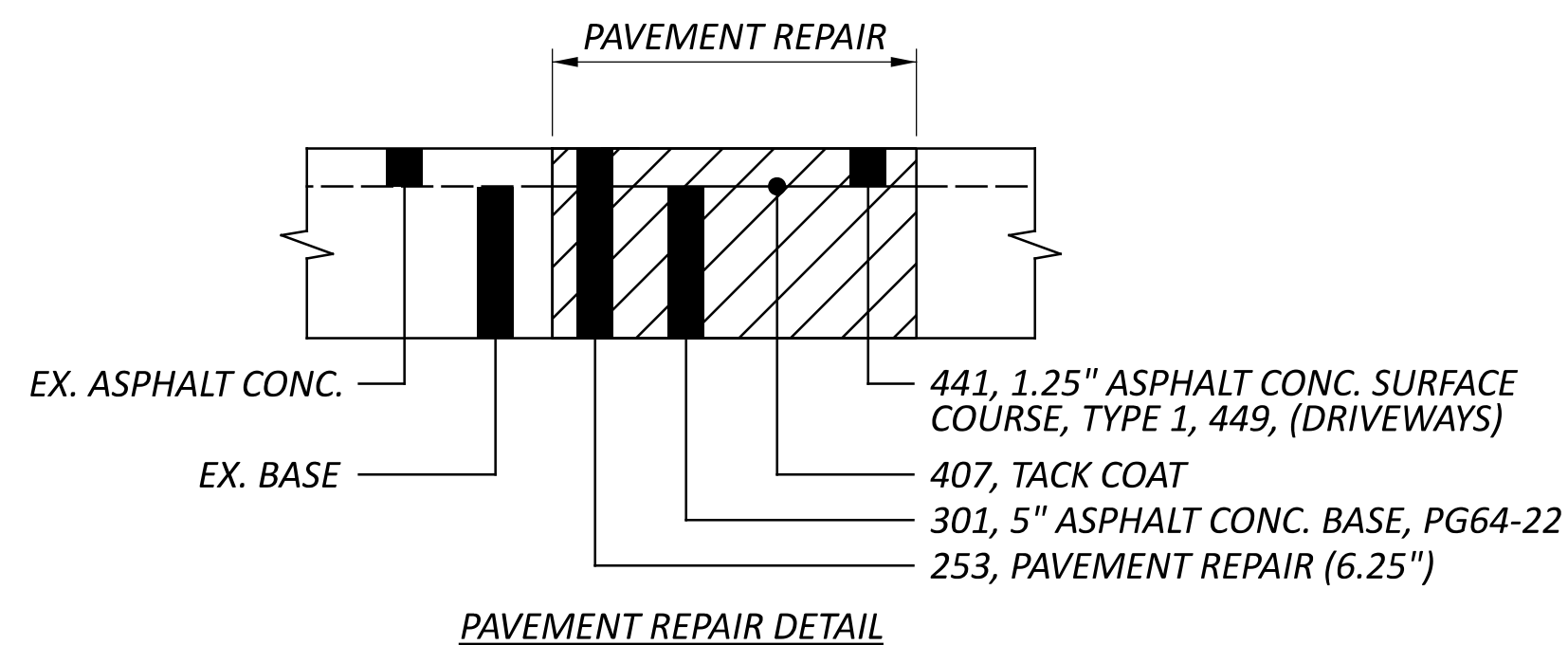
**ITEM 253 - PAVEMENT REPAIR, AS PER PLAN**

THIS ITEM SHALL CONSIST OF FULLY REMOVING AND REPLACING THE EXISTING PAVEMENT OF THE DRIVEWAY AT STA. 7+25 E. COURT ST., AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF ITEM 253 AND WITH THE BUILDUP DETAIL SHOWN BELOW. DEPTHS SHOWN ARE APPROXIMATE AND THE ACTUAL DEPTH OF REPLACEMENT SHALL MATCH THE THICKNESS OF THE EXISTING SURROUNDING PAVEMENT.

PAYMENT FOR THIS WORK SHALL INCLUDE ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THE WORK, IN PLACE AND ACCEPTED.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE PROJECT ENGINEER FOR THE REPAIR OF THE ACCESS RAMP:

ITEM 253, PAVEMENT REPAIR, AS PER PLAN 316 SY



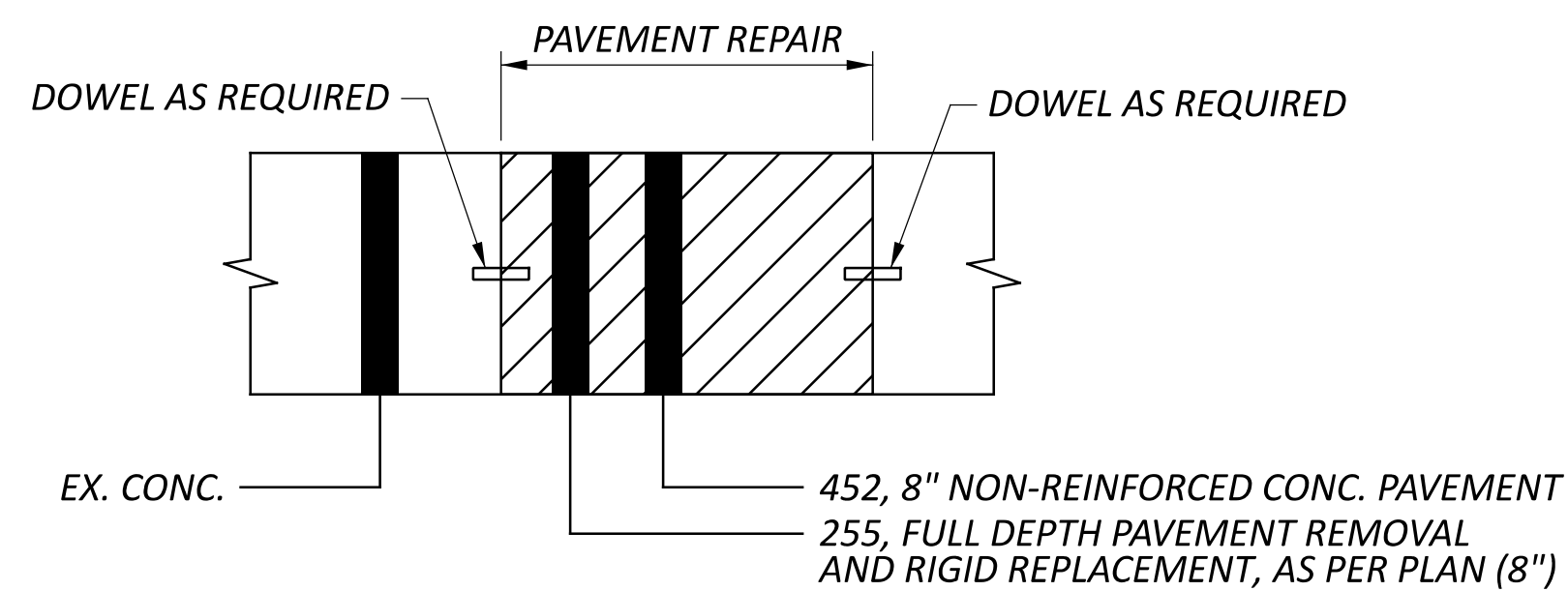
**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, AS PER PLAN**

THIS ITEM SHALL CONSIST OF FULLY REMOVING AND REPLACING PORTIONS OF THE EXISTING PARKING LOT AT THE END OF THE DRIVEWAY AT STA. 7+25 E. COURT ST., AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS AND SPECIFICATIONS OF ITEM 255, THE BUILDUP DETAIL SHOWN BELOW, AND STANDARD CONSTRUCTION DRAWINGS BP-2.1 AND BP-2.2.

PAYMENT FOR THIS WORK SHALL INCLUDE ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THE WORK, IN PLACE AND ACCEPTED

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE PROJECT ENGINEER FOR THE REPAIR OF THE PARKING LOT:

ITEM 255, FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 2, CLASS MS, AS PER PLAN 179 SY



FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT DETAIL

