

## SECTION 00756 - PLAIN CONCRETE PAVEMENT

*(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)*

Comply with Section 00756 of the Standard Specifications modified as follows:

**00756.04 Aggregate Production and Prepaving Conference** - Replace this subsection, except for the subsection number and title, with the following:

**(a) Aggregate Production Conference** - Meet with the Engineer, at a mutually agreed time, to discuss methods of accomplishing Aggregate production, and include supervisory personnel of the Contractor and any Subcontractors or Suppliers who are to be involved in the Aggregate production Work.

**(b) Prepaving Conference** - Meet with the Engineer, at a mutually agreed time, to discuss methods of accomplishing all phases of the paving Work, and include supervisory personnel of the Contractor and any Subcontractors who are to be involved in the concrete paving Work.

**00756.16 Acceptance of Concrete** Replace this subsection, except for the subsection number and title, with the following:

**(a) General** - Acceptance of concrete is based on the results of the Contractor's quality control testing according to Section 00165.

**(b) Aggregate** - Acceptance of Aggregate is based on the Contractor's quality control testing, if verified by the Agency according to Section 00165.

**(1) Aggregate Gradation** - A stockpile contains specification Aggregate gradation when the quality level for each sieve size calculated according to 00165.40 is equal to or greater than the quality level specified in Table 00165-2 for a PF of 1.00. Each required sample represents a subplot. When the quality level specified in Table 00165-2 yields a PF of less than 1.00 for any constituent, the material is non-specification.

**(2) Non-specification Aggregate Gradation** - Stockpiled Aggregates that contain non-specification Aggregate gradation is rejected by the Engineer unless non-specification material is removed from the stockpile. Do not add additional material to the stockpile until enough non-specification material is removed so that the quality

level for each constituent is equal to or greater than the quality level in Table 00165-2 for a 1.00 PF.

**(c) Plastic Concrete** - Acceptance of the plastic concrete is based on the tests performed by the Contractor's QCT, according to the tolerances and limits of Section 02001.

**(d) Hardened Concrete** - Cast and cure the test specimens according to AASHTO R 100 in 6-inch x 12 inch single-use plastic molds and test at 28 Days according to AASHTO T 22.

**(1) General** - For all classes of concrete, acceptance of hardened concrete is based on an analysis of compressive strength tests of cylinders cast by the QCT. Test the cylinders at an ODOT certified laboratory.

**(2) Sampling and Testing** - Provide sampling and testing according to Section 00165.

**(3) Acceptance** - The ASTV is required to exceed the  $f'_c$  (specified strength) for the mix design. If a set of cylinders has an ASTV less than  $f'_c$ , the Engineer will review the results to determine if the concrete represented by the cylinders is to be removed. In any case, remove concrete that has an ASTV of less than 85 percent of the specified strength unless otherwise authorized, in writing, by the Engineer. Be responsible for the cost of removal, replacement and all related Work, subject to a price adjustment according to 00150.25, if the concrete is allowed to remain in place.

If an ASTV falls below the  $f'_c$ , the Contractor may submit a written plan within 3 Days of the test for review by the Engineer. Outline a proposed alternate method of evaluating compressive strength and provide evidence that a reasonable  $f'_{cr}$  (over-design) was maintained and that there is credible evidence (besides low strength) that warrants consideration of this option. If the Engineer determines that the compressive strength test results are suspect from definable external factors, the Engineer may allow an alternate method of acceptance.

**00756.22 Hauling Equipment** - Replace this subsection, except for the subsection number and title, with the following:

Transport concrete in non-agitating Equipment. Truck mixers may be used to transport concrete only as allowed in 00756.45. When allowed, provide hauling Equipment according to AASHTO M 157.12 or AASHTO M 157.11.6.

**00756.23 Paving Equipment** - Replace the paragraph that begins "Provide self-propelled ..." with the following paragraph:

Provide self-propelled paving machines according to the following:

**00756.23(a) Placer/Spreader** - Replace this subsection, except for the subsection number and title, with the following:

Provide a placer/spreader that:

- Receives the concrete mixture in its hopper on the Shoulder area.

- Delivers the concrete mixture to the slipform paver and uniformly spread at the proper thickness for the full width of the area being paved.
- Does not segregate the concrete mixture or displace the reinforcing steel.

**00756.23(c) Paving Machine** - Replace this subsection, except for the subsection number and title, with the following:

If a paving machine riding on stationary side forms is used, provide Equipment meeting the following:

- A self-propelled, screening type machine used for initial strike-off and consolidation of PCC that rides on and is guided by steel side forms or the edge of contiguous PCC Pavement. Provide a machine designed and operated to strike-off, consolidate and compact the PCC to prescribed line, grade and Cross Section. Make provisions to prevent chipping or marring previously placed PCC.
- Vibratory Equipment of the surface pan type or internal type with immersed tube or multiple spuds. Provide a vibrator capable of full slab width vibration to the concrete. Provide vibration rates not less than 3,500 cycles per minute for surface vibrators and not less than 7,000 cycles per minute for internal vibrators and as necessary for proper consolidation and compaction.
- A self-propelled floating and finishing machine that rides on and is guided by steel side forms or the edge of contiguous PCC Pavement. Provide floating action to the PCC surface by means of screeds, floats, rollers or combinations of them. Provide screed type machines that have at least two oscillating type transverse screeds and that have sufficient wheel base length, weight, float surface and adjustments to true up the PCC surface to accurate Cross Section and grade without dragging, marking or defacing the surface.

**00756.25(b) Inertial Profiler** - Replace the paragraph that begins "Provide competent and ..." with the following paragraph:

Provide competent and experienced operator(s) for the Equipment, certified with the profiler according to ODOT TM 769. Meet with the Engineer and the profile operator at a mutually agreed upon time prior to beginning smoothness measurements to discuss all aspects of smoothness measurement on the Project.

**00756.30 Quality Control Personnel** - Replace the bullet that begins "Provide and designate ..." with the following bullet:

- Provide and designate an individual who is present at the placement site at all times during concrete placements, and who is authorized and responsible for acceptance and rejection of Materials.

Replace the bullet that begins "Reject loads ..." with the following bullet:

- Reject loads that arrive at the Project Site without a batch ticket.

**00756.40 Weather Limitations** - Replace the paragraph that begins "Coordinate all operations involved..." with the following paragraph:

Coordinate all operations involved in constructing the Pavement so the Work will result in a finished Pavement according to the Specifications regardless of the variations in weather, temperature and humidity when the Work is allowed to proceed.

Replace the paragraph that begins "Do not place PCC during ..." with the following paragraph:

Do not place PCC during periods of rain. Do not place PCC on frozen Bases, or when descending air temperature falls below 35 °F. Do not resume placement until ascending air temperature reaches 35 °F. Measure air temperature in the shade and away from artificial heat.

**00756.41 Preparation of Base** - Replace the paragraph that begins "The base shall ..." with the following paragraph:

Provide a moist base before placing the concrete. When the Base is a treated Base the surface, provide a clean surface free of all loose material. Place concrete on existing and new treated Base only when the surface temperature is less than 90 °F. If water is used for cooling, remove all excess water standing in pools or flowing on the surface before placing concrete.

Replace the paragraph that begins "Manholes, inlets and ..." with the following paragraph:

Ensure manholes, inlets and other such Structures are completed, adjusted, cured and otherwise prepared, as applicable, and ready to have concrete placed in contact with them. Prepare manhole frames and other independent metal Structures in the Pavement area with an approved bond-preventing agent.

**00756.42 Construction Widths** - Replace the paragraph that begins "If the Contractor proposes ..." with the following paragraph:

If the Contractor proposes a method of placement other than that shown or specified, it will be at no additional cost to the Agency. Any changes require the Engineer's approval.

**00746.43(a) Dowel Bars** - Replace this subsection, except for the subsection number and title, with the following:

Provide smooth, round, epoxy coated dowel bars. Coat dowel bars with a lubricant or bond breaking compound approved by the Engineer. Use a framework to place dowels that is continuous across the entire lane width, holds the dowels parallel with each other, holds the dowels parallel with the surface of the Pavement, and holds the dowels parallel to the Roadway centerline. For dowels placed across an expansion joint, use a dowel bar basket or other system of support that leaves no permanent incompressible members in place within the joint. Place dowels with a maximum alignment tolerance of 5 degrees or 3/16 inch in the length of the dowel. Place dowels within 3/8 inch of the center of the slab vertically.

Place dowel bars for joint contact at existing concrete Pavement surfaces by drilling the existing concrete section and then inserting the dowel bars and grouting them in place. Drill the holes large and deep enough to insert the dowel bars with adequate epoxy or non-epoxy grout. Adjust hole locations to avoid damaging any existing reinforcement when drilling the holes. Blow the dowel bar holes clean with compressed air before grouting. Center the bar in

the hole for the full length of embedment before grouting. Pump the grout into the hole around the bar so the back of the hole is filled first. Do not allow blocking or shimming to impede the flow of the grout into the hole. If dams are needed, place them at the front of the holes to confine the grout. Place the dams to permit the escape of air without leaking grout. Do not remove dams until grout has cured in the hole.

**00746.43(b) Tie Bars** - Replace the bullet that begins "By using threaded mechanical ..." with the following bullet:

- By using threaded mechanical splice couplers from the QPL. Submit splices for approval before using. Accompany rebar splices with a manufacturer's quality compliance certificate according to 00165.35.

Delete the bullet that begins "Accompanied by...".

Replace the bullet that begins "Installed according ..." with the following bullet:

- Install rebar splices according to manufacturer's recommendations.

**00756.44 Handling, Measuring, and Batching Materials** - Replace the paragraph that begins "The plant site, layout ..." with the following paragraph:

Provide the plant site, layout, Equipment and provisions for transporting Material that is adequate to assure a continuous supply of Material to the Project Site.

**00746.46 Placing Concrete** - Replace the bullet that begins "By using threaded mechanical ..." with the following bullet:

- In short sections of Pavement that are necessary to facilitate traffic movement.

**00746.46(b) One Lift** - Replace this subsection, except for the subsection number and title, with the following:

Place the concrete in final position by the slipform method in one Lift, so a minimum of finishing is necessary to provide a dense, homogenous Pavement conforming to true grade and Cross Section.

**00746.46(e) Stationary Side Form Method** - Replace this subsection, except for the subsection number and title, with the following:

Place the PCC between stationary side forms by means that will prevent segregation of constituents of the PCC, displacement or deformation of the forms or Base, forming of piles, and unequal consolidation.

Spread and distribute the PCC with a mechanical concrete spreader that will fill all corners and spaces with PCC and leave it at such height that after consolidation and finishing it is at specified grade and Cross Section. Spread and vibrate the PCC against and along the forms, and in the vicinity of joints comprising load transfer devices, with care to avoid displacement of the forms or devices.

Use shovels or muckrakes, not rakes, for hand spreading and distributing. Do not foul the PCC with foreign matter.

After being placed, strike-off, vibrate and consolidate the PCC with Equipment conforming to the requirements of 00756.23. If more than one machine is required to properly handle production, the vibrating of PCC precedes or accompanies the first or leading machine only.

Perform the operations above within 15 minutes after the PCC is placed. Provide continuous operations until the surface has been worked the equivalent of not less than two Passes of a single screed machine. In each Pass of the machine, maintain a roll of PCC ahead of the screed for the entire width of Pavement being placed. Furnish a surface of uniform texture, true to grade and Cross Section following the strike-off, vibrating and consolidating.

Provide Equipment in good mechanical condition at all times and be adjusted for wear at the direction of the Engineer. Keep forms and other controls of line and grade clean and true to line and grade.

**00746.46(h) Protect Surface** - Replace this subsection, except for the subsection number and title, with the following:

Equip supports of the slipform paver, and other Equipment that ride on previously placed Pavement to meet the requirements of 00756.60, to prevent marring, edge breaking, or chipping of the previously placed Pavement.

When concrete is placed adjacent to an existing Pavement, equip that part of the Equipment that is supported on the existing Pavement with protective pads on crawler tracks or use rubber-tired wheels. Offset the track or wheels to run a sufficient distance from the edge of the Pavement to avoid breaking the Pavement edge.

**00746.46(i) Hand Operated Equipment** - Replace this subsection, except for the subsection number and title, with the following:

Use shovels and muckrakes, not rakes, for hand spreading and distributing. Do not foul the concrete with foreign matter, or disturb joint devices during such operations. Provide hand operated mechanical vibrators satisfactory to the Engineer. Use these vibrators to consolidate the concrete Pavement at least 6 feet on each side of construction and expansion joints and any other areas as directed.

**00756.47 Test Strip** - Replace the paragraph that begins "At the beginning ..." with the following paragraph:

At the beginning of paving operations, construct one initial test strip of concrete Pavement at least 0.1 mile long at the specified paving width. Do not perform further paving until the test strip is evaluated according to 00756.55. An additional test strip is required when:

**00756.48(a) General** - Replace this subsection, except for the subsection number and title, with the following:

Construct joints of the kinds shown and where shown or directed. Joint types in the concrete Pavement are contraction, construction or expansion. Construct transverse or longitudinal

joints, as shown or directed. Extend all joints and joint filler to Pavement edges or to each other.

Do not vary joints from specified or indicated line by more than 1/4 inch. When required, construct the tops of joint filler, slightly below, but not more than 1/8 inch, and paralleling finished Pavement grade and Cross Section. Protect top edges of filler from damage by paving operations.

All joints that contain preformed filler are to be constructed before the final floating and surface finishing of the concrete, unless otherwise directed.

**00756.48(b) Longitudinal Joints** - Replace the paragraph that begins "If the Contractor elects ..." with the following paragraph:

If the Contractor elects to pour the entire width of Pavement at one time, construct the longitudinal joint as shown. Construct longitudinal joints of the contact type or weakened plane type as shown:

**00756.48(c) Construction Joints** - Replace the paragraph that begins "The new concrete ..." with the following paragraph:

Furnish new concrete placed against the construction joint closely conforming to the proportions and consistency of the previously placed concrete except vibrate and consolidate it to a greater degree and with more care than normal. Unless otherwise shown, do not construct construction joints within 10 feet of a transverse expansion or contraction joint. If sufficient concrete has not been mixed at the time of interruption to form a slab at least 10 feet long, remove the concrete back to the last joint and dispose of as directed.

**00756.49 Surface Finishing** - Replace the paragraph that begins "After the concrete has ..." with the following paragraph:

After the concrete has been given a preliminary finish by the finishing devices in the slipform paving Equipment, check the surface of the fresh concrete in the longitudinal and transverse direction with a 12-foot straightedge. Correct surface deviations more than allowed by 00756.55(a). Lap each successive check with the previous check path by at least half the length of the straightedge. This longitudinal checking and correction on areas to be profiled for IRI smoothness is waived if it is successfully demonstrated that a Pavement surface is otherwise produced according to 00756.55(b)(1)(a).

Replace the paragraph that begins "Following hand floating ..." with the following paragraph:

Following hand floating, use a 12-foot proof (grout) rod to check the surface of the Pavement. For each Pass of the proof rod in the longitudinal direction, over the entire surface of the Pavement placement, overlap the previous Pass by half of its width. Check the transverse direction as required. Use of a proof rod on areas to be graphically profiled is waived if it is successfully demonstrated that required Pavement profile surface is otherwise produced according to 00756.55(b)(1)(a).

**00756.51 Modification of Strike-off, Consolidation, Final Floating, and Surface Finishing** - Replace the paragraph that begins "Where the width ..." with the following paragraph:

Where the width of Pavement is narrow, tapering or of irregular pattern, not lending itself to being constructed by prescribed machine methods, the Contractor is allowed to perform the strike off, consolidation, final floating, and surface finishing with Equipment, tools, means, labor and methods other than those specified, provided the Work meets with the approval of the Engineer and the following requirements:

**00756.53(b) Other Coverings** - Replace this subsection, except for the subsection number and title, with the following:

Apply the covering to damp concrete as soon as it can be placed without marring the surface. Place the membrane in contact with the surface, extend beyond the sides or edges of the slabs or forms, and weight down as required to hold it in position as a waterproof and moisture-proof covering. Lap covering sufficiently to maintain tightness equivalent to the sheeting and use:

- Clear or white polyethylene film.
- Waterproof paper with transverse laps at least 18 inches, and cement longitudinal seams.
- Cotton or jute mats that are saturated with water and kept fully wetted during the curing period.

**00756.54 Pavement Cracks** - Replace this subsection, except for the subsection number and title, with the following:

Within 28 Days after concrete placement and before opening the Pavement to Public Traffic, the Engineer will perform a Pavement crack survey. Clean the Pavement before the crack survey. Pavement with uncontrolled longitudinal or transverse cracks that are visible without magnification are considered unacceptable and be repaired or removed as determined by the Engineer. Perform all remedial Work at no additional cost to the Agency.

**00756.55 Surface Tolerance, Testing, and Correction** - Replace the paragraph that begins "The surface of finished ..." with the following paragraph:

Ensure the surface of finished Pavement does not deviate from longitudinal and transverse smoothness more than the prescribed limits. Perform straightedge testing and IRI profile testing under the supervision of the Engineer with Equipment furnished and operated by the Contractor as soon as the hardness of the concrete permits.

**00746.55(a) Straightedge Testing and Tolerance** - Replace this subsection, except for the subsection number and title, with the following:

Test the longitudinal and transverse smoothness of the Pavement surface with a 12-foot straightedge. The extent of the testing is as the Engineer determines necessary or expedient. Do not deviate the Pavement surface from the straightedge at any point by more than 1/8 inch for all areas that are constructed by the prescribed machine methods and for all Traffic Lanes and ramps. Do not deviate other areas by more than 1/4 inch. Longitudinal 12-foot straightedge testing is not required for Pavement accepted under 00756.55(b).



**(1) Transverse Joints** - Test with the 12-foot straightedge parallel to the centerline, as directed. Do not vary the Pavement surface by more than 1/8 inch.

**00746.55(b)(1)a. Daily Surface Test** - Replace the paragraph that begins "The pavement shall..." with the following paragraph:

Acceptable Pavement requires an average IRI of 65.0 inches, or less. If the average 0.1-mile IRI exceeds 95.0 inches per mile for any segment of Pavement constructed in any Day's production, discontinue paving operations and construct one or more test strips as described in 00756.47. The test strip may be comprised of Pavement placed during the shift, but in no case is it allowed to be less than 0.1 mile in length.

**00746.55(b)(1)b. Quality Control Surface Test** - Replace the paragraph that begins "In the presence of ..." with the following paragraph:

In the presence of the Engineer and according to ODOT TM 772 obtain profiles on the Pavement surface in the right and left wheel path of the Traffic Lane along a line parallel to longitudinal Pavement markings, at 3 feet and 9 feet offsets from the left edge of the Traffic Lane. Take the profile on transition areas of entrance and exit ramps, as close to the right and left wheel path of the through Traffic Lane as practical. Submit data files to the Engineer at the completion of each shift when profiling has taken place. For the Pavement sections tested, provide the raw data files and electronic copies of the profile data in PPF and manufacturer proprietary formats, as required by the Engineer.

**00746.55(c)(1) General** - Replace the paragraph that begins "In the presence of ..." with the following paragraph:

Locate IRI profiling excluded areas prior to smoothness measurement. Meet the straightedge requirements of 00756.55(a) for areas excluded from longitudinal profile measurement.

**00746.55(d) Shoulders and Paved Medians** - Replace this subsection, except for the subsection number and title, with the following:

Test the Pavement with the 12-foot straightedge parallel to and perpendicular to the centerline for Shoulders and paved Medians, as directed by the Engineer. Do not vary the Pavement surface by more than 1/4 inch.

**00746.55(e) Correcting Deficiencies** - Replace the paragraph that begins "Should testing described ..." with the following paragraph:

Should testing described in 00756.49, 00756.51, and 00756.55 show the Pavement does not conform to the prescribed limits of deviation, the following applies:

**00746.55(e)(2) Failure to Meet IRI Smoothness Requirements** - Replace the paragraph that begins "If testing described ..." with the following paragraph:

If testing described in 00756.55(b) shows that the Pavement does not conform to the prescribed limits, the Contractor is responsible for locating areas that require corrective work. All segments with an IRI value more than 95.0 inches per mile and areas of Localized Roughness are subject to corrective action. Disagreements are resolved by the Engineer.

**00756.56 Pavement Thickness** - Replace the paragraph that begins "Construct the Pavement ..." with the following paragraph:

Construct the Pavement to the thickness shown. Pavement not so constructed is subject to replacement according to 00756.57, or to payment at adjusted prices according to 00756.93.

**00756.56(a) Sticking Measurements** - Replace the paragraph that begins "Divide the Panel ..." with the following paragraph:

Divide the Panel into units and partial units equivalent to a maximum of 200 lane feet. Normally, unit lengths are 200 feet for one lane, 100 feet for two lanes, 70 feet for three lanes and as appropriate for transition areas. When directed, take one sticking measurement at a randomly selected location in each unit and partial unit. Record measurements to the nearest 0.1 inch. Take the measurements:

Replace the paragraph that begins "If a sticking ..." with the following paragraph:

If a sticking is not obtained for a unit or a partial unit, or is not available to represent the area of Pavement remaining after the limits of Pavement over 1.0 inch deficient is determined, the measurement is assumed to be the same as the preceding or following sticking measurement, that is nearest in distance.

**00756.56(c) Coring Requirements** - Replace the paragraph that begins "Perform required coring ..." with the following paragraph:

Perform required coring, or coring requested by the Engineer according to AASHTO T 24 and repair core holes as directed, at no additional cost to the Agency. Cores are measured by the Engineer according to AASHTO T 148 and the measurements reported to the nearest 0.1 inch. Core measurements will replace survey methods.

**00756.56(d) Thickness Over 1.0 Inch Deficient** - Replace this subsection, except for the subsection number and title, with the following:

If a depth measurement determined according to 00756.56(a) shows Pavement over 1.0 inch deficient, obtain a core at the depth measurement site. If this core, or a core determined by 00756.56(c), shows Pavement over 1.0 inch deficient, obtain additional cores. Take these additional cores at the same distance from the centerline and at 25-foot intervals each direction from the first core until a core in each direction shows Pavement 1.0 inch deficient or less. These two core locations are considered the limits of the Pavement more than 1.0 inch deficient. The Pavement Panel between these two cores will represent the area of Pavement subject to removal and replacement under 00756.57 or no payment under 00756.93.

When it is suspected by the Engineer that the Pavement in the adjacent travel lanes in the Panel may be more than 1.0 inch deficient for a greater distance than determined by the above procedure, core the Pavement in the adjacent travel lanes in the nearest wheel track (3 feet from the nearest edge) opposite both limit cores. If these cores are more than 1.0 inch deficient, utilize the above procedure to determine the limits.

**00756.57 Deficient Pavement** - Replace the paragraph that begins "Remove and replace ..." with the following paragraph:

Remove and replace Pavement deficient in thickness by more than 1.0 inch, according to 00756.56(d), at no additional cost to the Agency. If allowed by the Engineer, the Pavement may be left in place without payment. Replace Pavement with the specified design, quality and thickness as follows:

*(Use the following subsection .58 when flexible to rigid pavement transitions are required)*

Add the following subsection:

**00756.58 Flexible to Rigid Pavement Transition Systems** - Furnish the concrete in Pavement transition systems according to 00756.11. Furnish steel meeting the requirements for standard Pavement reinforcement as shown.

Vibrate the concrete in Pavement transition systems until it is consolidated and the excavations are filled. Construct Pavement transition systems at least 24 hours before paving operations.

**00756.60 Protection of Concrete** - Replace the paragraph that begins "(b) The concrete attains a compressive..." with the following paragraph:

(b) The concrete attains a compressive strength of at least 70 percent of the specified 28-Day strength as determined by testing at least three cylinders cured according to AASHTO R 100 (field cure) and tested according to AASHTO T 22.

Replace the paragraph that begins "The maturity method ..." with the following paragraph:

The maturity method, AASHTO T 325, may be used to estimate concrete strength for opening Pavement to construction traffic. Install at least two maturity thermocouples for each Day's placement in areas where the maturity method is used for early opening. Install the thermocouples near the Day's final placement for areas being evaluated for early opening.

*(Use the following subsection .80 when flexible to rigid pavement transitions are required)*

**00756.80 Measurement** - Add the following to the end of this subsection:

The quantities of flexible to rigid Pavement transition systems will be measured on the area basis.

**00756.90 Payment** - Replace the paragraph that begins "Payment will be payment ..." with the following paragraph:

Payment will be payment in full for furnishing and placing all Materials, and for providing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

*(Use the following three paragraphs when flexible to rigid pavement transitions are required)*

Add the following Pay Item to the Pay Item list:

(c) Flexible to Rigid Pavement Transitions .....Square Yard

Item (c) includes the transition panel, excavation, and dowelled expansion joint. ACP will be paid for according to 00744.90, or 00745.90, as applicable.