



City of Phoenix  
CITY MANAGER'S OFFICE  
LIGHT RAIL TRANSIT  
Paving Inspection and Construction Checklist

Project #: \_\_\_\_\_ Project Name: \_\_\_\_\_

Paving Location: \_\_\_\_\_

## 1. Pre – Paving & Test Checklist

**To be completed before scheduling a test with the contractor.**

See sheet 3 of 3 for additional notes.

- ☐ a. Has the contractor completed an inventory of all existing and new utility adjustments, submitted it for review, and verified it by the field inspector?
- ☐ b. Have all contractors including 3rd Party utility contractors completed utility trenching and backfill with passing compaction reports accepted? Is all the irrigation sleeving trenching and backfill must be completed before subgrade preparation work has commenced?
- ☐ \*c. Inspector is to coordinate with Material Tester to get a soil sample for Proctor, Sieve Analysis, and PI.
- ☐ d. Ensure PIAC has been submitted and approved for water and sewer within the proposed paving area.
- ☐ e. Ensure all Cathodic protection has been installed & tested.
- ☐ f. Inspector must verify the contractor has submitted all Storm Drain CCTV Inspection videos with a Key Map for review and accepted by the City of Phoenix project Engineer or his representative.
- ☐ \*g. Inspector has reviewed all MAG Specs, City of Phoenix Supplement Specs, CDLR, RFI's, and Project plans for minimum scarification depth and paving profile for the section of roadway to be paved.
- ☐ h. Verified no outstanding incomplete work, NCRs, Deficiencies within the proposed paving area.
- ☐ i. If unsuitable material encountered, verify limits of unsuitable material has been removed and replaced with latest approved method of over-ex.

## 2. Paving and String Line Testing

- ☐ a. Concrete curb and concrete structures must be installed and in acceptable condition before any scheduling of subbase or subgrade string line inspections, at the discretion of the City of Phoenix inspector or Representative.
- ☐ b. The contractor must provide survey blue top staking for all grade breaks and where the LRT track curb is not in place for string line inspection subbase and subgrade.

**Note: \* Check boxes are for Material Lab Technician to Verify.**



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- ☐ \*c. All compaction tests must be completed and accepted before the string line inspection of the subbase and subgrade.
- ☐ d. Before the string line inspection, a proof rolling of the final subbase/subgrade has been performed and accepted.
- ☐ \*e. The contractor will provide at minimum three days' notice to schedule a Material Lab Hot Plant Inspector and specify the mix design for the expected paving date.
- ☐ \*f. Material Testing Lab Technician and Field Inspection staff are to verify that the daily production of asphalt mix is correct for that day's scheduled paving.
- ☐ g. The Field Inspector must document the start and end stationing of the sampled asphalt placement with a paving width and offset from the curb on the asphalt sample card that the Material Lab Technician sends with the asphalt truck driver.
- ☐ h. Review paving plan, MAG Specs & COP Supplemental Specs, CDRL's, RFI's, and project plans for all requirements pertaining to asphalt placement.

### 3. Utilities

Water	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
Sewer	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
Storm Drain	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
Traffic Signal conduits	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
Street light conduits	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
Irrigation sleeves	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
3 <sup>rd</sup> Party conduits	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
Drainage CCTV	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete
VM Systems Duct Bank	<input type="checkbox"/> Install Complete	<input type="checkbox"/> Removals/ Abandonment complete

Additional Comments

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<https://consorengcom.sharepoint.com/sites/COPLRT/Shared Documents/South Central Extension/LRT DRAFT FORMS FOLDER/Pre-Paving and Paving Checklist/Paving Checklist 2022.11.03 - Final.docx>



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### Pre-Paving & Test Checklist Additional Notes

- 1a. Ensure that all fixtures (valves, hydrants, services, manholes, etc.) have been accounted for within the proposed paving area.
- 1b. Ensure all third parties have tested their conduits.

### Paving and String Line Testing Additional Notes

- 2a. Inspector shall coordinate a walk with the contractor to ensure that any damaged or cracked concrete curb R&R is completed prior to the scheduled paving date, and concrete R&R must have a minimum of 24 hours of cure time before the scheduled first pave. The inspector shall provide the project supervisor with a list of damaged or defective concrete that will not be replaced by the contractor prior to scheduling paving.
- 2b. Staking for all grade breaks and areas where the LRT track curb is not present for string line inspection.
- 2c. If an ABC subbase is required, the inspector must ensure that the Materials Testing lab sampled the ABC and provided a passing Sieve Analysis and Plasticity Index (PI) test of the ABC before scheduling any string line inspection.
- 2d. If a rain event or water saturation of the final subbase/subgrade occurred prior to paving, a new proof roll must be completed and acceptable before any asphalt placement.
- 2e. The Materials Lab and Inspector must confirm that the scheduled Asphalt Mix design was submitted and approved by the project. In addition, if there is no Materials Technician scheduled to be at the plant, the Materials Technician will complete asphalt sampling in the field.
- 2g. Inspector is to upload a copy of the sample card and the documented sample location into the project document management system (i.e., ACONEX, etc.), and the sample card turning in to the Chief Inspector at the end of each day's paving operation.

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

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