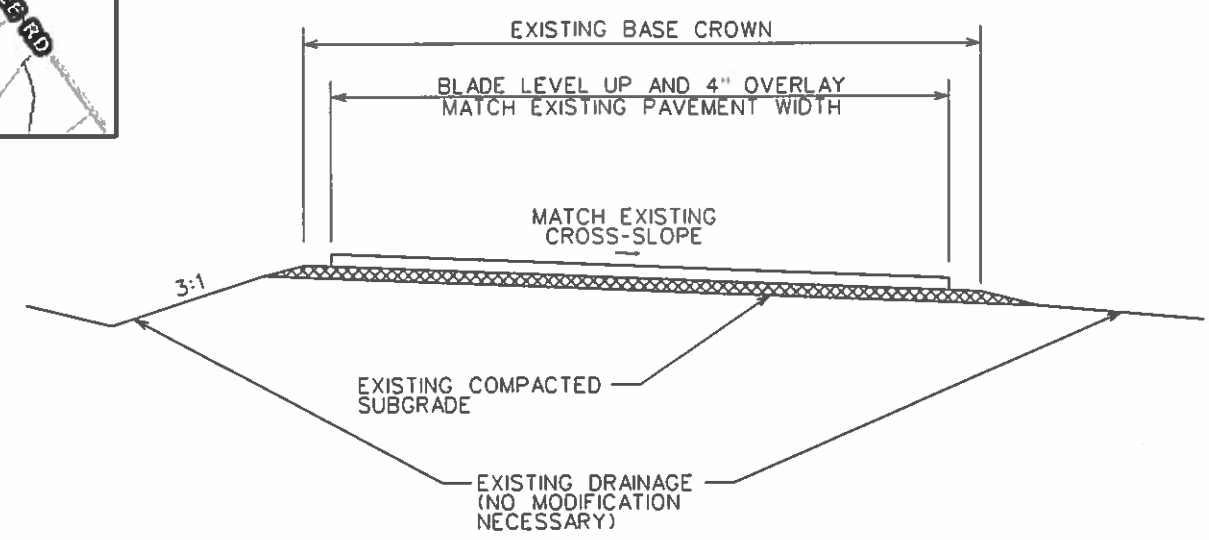


TYPICAL CROWNED SECTION
NTS



TYPICAL SUPERELEVATED SECTION
NTS

NOTES:

APPROXIMATE DISTANCES:
 SOLMS ROAD (WALD ROAD TO CITY LIMIT LINE): 2,730 LF
 ALTGELT LANE (WALD ROAD TO CITY LIMIT LINE): 1,910 LF
 WALD ROAD (ALTGELT LANE TO CITY LIMIT LINE): 2,600 LF

CONTRACTOR SHALL MATCH EXISTING GRADES AND CROSS-SLOPES DURING LEVEL UP AND PLACEMENT OF 4" HOT MIX OVERLAY IN ACCORDANCE WITH TXDOT SPECIFICATION 340 TYPE D.

CONTRACTOR SHALL LEVEL UP AND PLACE OVERLAY IN ACCORDANCE WITH GIVEN TYPICAL SECTION.

CONTRACTOR SHALL PROVIDE SURFACE TEST TYPE B RIDE QUALITY FOR ALL RESURFACED ROADS IN COMPLIANCE WITH TXDOT SPECIFICATION 585.

AVERAGE IRI FOR EACH 0.10 MILE OF TRAFFIC LANE SHALL BE A MAXIMUM OF 65. CORRECTIVE ACTION SHALL BE TAKEN BY THE CONTRACTOR FOR ANY AREAS WITH AN IRI GREATER THAN 65. A NEW SURFACE TEST TYPE B SHALL BE PERFORMED AFTER CORRECTIVE ACTION TO ENSURE THAT IRI IS BELOW THE MAXIMUM IRI READING OF 65.

**Comal County
Road Department**
 195 David Jonas Drive
 New Braunfels, TX 78132
 Phone: (830) 608-2090
 Fax: (830) 608-2009

**SOLMS ROAD, ALTGELT LANE, WALD ROAD
RESURFACING PROJECT**

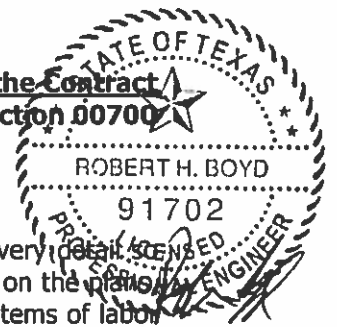
Date: 12/1/16
 Drawn by: RHB
 Checked by: DCV

REVISIONS	
No.	Date:

SCALE: NTS
 Sheet 1 of 1

Bidding Requirements, Contract Forms and Conditions of the Contract
Technical Specifications

Section 00700



12/12/16

1.0 General Specifications

- 1.1 These specifications shall cooperate with the accompanying plans in every detail so that any item or any work that may be specified herein and not shown on the plans, or vice-versa, is to be executed the same as if occurring in both. Any items of labor or materials which are not shown on the drawings or mentioned in these specifications but are nevertheless necessary for the proper completion of the construction, are to be provided for by the CONTRACTOR in this bid.
- 1.2 Should any drawings or figures be omitted on the scale which are necessary for a clear and comprehensive understanding, it will be the duty of the CONTRACTOR to advise the proper parties; and in no case proceed with work in uncertainty.
- 1.3 All labor is to be performed in a skillful, thorough manner.
- 1.4 All material to be of the dimension and grade as herein specified.
- 1.5 The CONTRACTOR and all SUBCONTRACTORS shall comply with all federal, state and local laws, codes and ordinances applicable to the work including, but not limited to, a Storm Water Pollution Prevention Plan (SW3P).
 - 1.5.1 The CONTRACTOR shall be responsible for obtaining and paying for any and all permits and fees required in the execution of the work.
 - 1.5.2 Under no circumstances shall any work be started before the required permits are obtained or fees paid.
 - 1.5.3 The OWNER shall be furnished with certified copies of all permits.
 - 1.5.4 The CONTRACTOR shall cooperate with all local and other governmental officials and inspectors at all times.
- 1.6 The CONTRACTOR shall protect all persons and property throughout the progress until the completion of the work.
 - 1.6.1 Work shall proceed in such a manner as to minimize the spread of dust and flying particles and to provide safe working conditions for all personnel.
 - 1.6.2 Work shall proceed in such a manner as will not interfere with existing surface drainage in the streets and areas adjacent to the project.
 - 1.6.3 CONTRACTOR shall be responsible for all traffic control and shall follow the Texas Manual on Uniform Traffic Control Devices (TMUTCD) accordingly. CONTRACTOR shall leave one lane of traffic open at all times during the project.
- 1.7 During the course of their work, all craftsmen and tradesmen shall protect all work which precedes theirs from damage and they shall make repairs and/or replacements of any damage caused either directly or indirectly by them.
- 1.8 CONTRACTOR is responsible for providing all necessary materials, labor and equipment to complete the project. All waste material must be removed from the site at the CONTRACTOR'S sole expense.

- 1.9 Beginning and ending points of the existing centerline for each road to be resurfaced will be marked in the field by OWNER.
- 1.10 CONTRACTOR shall lay out and correctly establish all lines, levels, grades and positions of all parts of the work, and shall be responsible for their accuracy and proper correlation with existing control lines, monuments and data points. Control lines, monuments and data points shall be carefully preserved by the CONTRACTOR, and if displaced, shall be reset by the CONTRACTOR at the CONTRACTOR'S own expense. All such resetting work shall be subject to the OWNER's approval.

2.0 Blade Level Up (TxDOT Specification 3035)

- 2.1 CONTRACTOR shall blade level-up hot-mix asphalt (Type D, Grade HMA (Method), PG 64-22) matching the existing cross section and pavement width of the roads shown on the accompanying plans.
- 2.2 CONTRACTOR shall maintain the established cross-slope when performing the blade level-up.
- 2.3 Placement and material methods shall be compliance with TxDOT Specifications 300, 320, 330, 334, and 340.
- 2.4 The surface of the pavement, after compaction, shall be smooth and true to the established line, grade and cross section. An acceptable line, grade and cross section shall be determined by the Engineer or his representative.
- 2.5 Measurement for Blade Level Up shall be by the ton, as evidenced by trip tickets provided by the CONTRACTOR.

3.0 Dense-Graded Hot-Mix Asphalt (TxDOT Specification 340)

- 3.1 CONTRACTOR shall place a depth of four (4) inches of hot-mix asphalt (Type C, Grade HMA (Method), PG 64-22) matching the existing cross section and pavement width of the roads shown on the accompanying plans.

4.0 Ride Quality for Pavement Surfaces (TxDOT Specification 585)

- 4.1 CONTRACTOR shall provide a Type B ride quality surface test in compliance with the referenced TxDOT Specification.
- 4.2 Average IRI for each 0.10 mile of traffic lane shall not exceed 65. Corrective action shall be taken by the CONTRACTOR for any areas with an IRI greater than 65.
- 4.3 CONTRACTOR shall submit new Type B ride quality surface tests in compliance with referenced TxDOT Specification for any areas where corrective action was taken. New IRI shall not exceed 65.

- 5.0 All aspects of construction shall be in accordance with the 2004 Texas Department of Transportation Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges. A copy of these specifications can be found at the website, <http://www.dot.state.tx.us/business/specifications.htm>