



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 19, 2016

SUBJECT: Scott-Troy Trail
Section 06-00001-00-BT
Madison – St. Clair Counties
Contract No. 97633
Item 81
November 4, 2016 Letting
Addendum (A)

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

- 1. Revised page 3 of the Schedule of Prices.**
- 2. Revised page 60 of the Special Provisions.**
- 3. Revised sheets 4 & 20 of the Plans.**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Maureen M. Addis, P.E.
Acting Bureau Chief of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger, P.E.", with the initials "P.E." written in a smaller font to the right.

By: Ted B. Walschleger, P.E.
Engineer of Project Management

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000 X				
Z0015500	DEBRIS REMOVAL	L SUM	1.000 X				
Z0022800	FENCE REMOVAL	FOOT	100.000 X				
Z0046304	P UNDR FOR STRUCT 4	FOOT	225.000 X				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000 X				
Z0065100	SETTLEMENT PLATFORMS	EACH	2.000 X				
Z0073500	TEMP SUPPORT SYSTEM	L SUM	1.000 X				
Z0076600	TRAINEES	hour	2,000.000 X		0.80		1,600.00
Z0076604	TRAINEES TPG	hour	2,000.000 X		15.00		30,000.00
Z0078000	WOOD RAIL	FOOT	343.000 X				
20100500	TREE REMOV ACRES	ACRE	23.400 X				
20200100	EARTH EXCAVATION *	CU YD	31,551.000 X				
20300100	CHANNEL EXCAVATION	CU YD	275.000 X				
20800150	TRENCH BACKFILL	CU YD	676.000 X				
21001000	GEOTECH FAB F/GR STAB	SQ YD	46,699.000 X				

* Revised 10/19/2016

incipient decay), Deformation (twisting or cupping) which cannot be removed using normal installation methods and tools.

All planks shall meet or exceed the following mechanical properties (based on the 2" standard) as defined by the U.S. Forest Products Laboratory publications and testing data:

MC%	Modulus of Rupture	Modulus of Elasticity	Max. Crush Strength
12%	22,360 psi	3,140,000 psi	13,010 psi

Janka side hardness is 3680 lbs. at 12% moisture content
Average air-dry density is 66 to 75 pcf.
Basic specific gravity is 0.85 - 0.97.

All planks shall be naturally fire resistant without the use of any fire resistant preservatives to meet NFPA Class A and UBC Class I.

Planks shall be supplied that meet or exceed the Static Coefficient of Friction for both Neolite and leather shoes in accordance with ASTM Test Method C1028-89.

<u>SHOE MATERIAL</u>	<u>FORCE IN POUNDS</u>	
	<u>DRY</u>	<u>WET</u>
Neolite	0.73	0.69
Leather	0.55	0.79

For transverse wood decking, wheel loads shall be assumed to act on one plank only. The wheel loads shown in Section 3.1.3 shall be distributed on the plank along a length equal to the tire print width (W). The plank shall be designed for shear and bending in accordance with the support conditions and spacing. For design, the following unfactored allowable values shall be used:

Allowable Bending =	3700 psi
Allowable Shear =	320 psi
Modulus of Elasticity =	3,000,000 psi

Wood Decking Attachment

- * At time of installation, planks are to be placed tight together with no gaps.
- * Every plank must be attached with at least one fastener at each end.
- * All fasteners and hardware including bolts, washers, nuts, lag screws, wood screws, and nails shall be stainless steel in accordance with Article 1006.17 of the Standard Specifications.
- * Self-tapping screws or hex-head bolts, with a steel plank holddown, are to be used at the ends of planks. Self-tapping screws or carriage bolts are to be used as interior connection fasteners when required. Power actuated fasteners will not be allowed.