

### **Notice of Material Letting**

1.	Sealed proposals will be received in the office of the Director of Transportation/County Engineer until				
	09:00 o'clock A M., 03/21/2014 for furnishing materials required in the construction/maintenance				
	of Section 14-09000-00-GM County McHenry County Municipality				
2.	Road District Greenwood Township and at that time publicly opened and read.  Proposals shall be submitted on forms furnished by the Local Agency which may be obtained at the office of				
	Director of Transportation/County Engineer and shall be enclosed in at envilope endorsed "Material Proposal,				
	Section 14-09000-00-GM ".				
2					
3. 4.	The right is reserved to waive technicalities and to reject any or all proposals.  Proposal Guaranty. A proposal guaranty in the proper amount, as specific den BLRS Special Provision for Bidding Requirements and Conditions for Material Proposals, will be required. Bid bonds  will will not be				
_	allowed as proposal guaranties.  Contract Bond. The successful bidder at the time of execution of the contract  will will not be				
5.	Contract Bond. The successful bidder at the time of execution of the contract  □ will  □ will not be required to deposit a contract bond for the full amount of the avairable When a contract bond is not required, the proposal				
	guaranty check will be held in lieu thereof. Failure on the part of the contractor to deliver the material within the time				
	specified or to do the work specified herein will be considered dat cause to forfeit his surety as provided in				
	Article 108.10 of the Standard Specifications.  By Order of County Board of McHenry County				
	(Awarding Authority)				
	Date (County Engineer/Superintendent of Highways/Municipal Clerk)				
То	County Board of McHenry County  (Awarding Authority)  Material Proposal				
15.0					
	his bid is accepted within 45 days from date of opening, the undersigned agrees to furnish any or all of the materials, at quoted unit prices, subject to the following:				
	It is understood and agreed that the "Standard Specifications for Road and Bridge Construction" adopted				
	January 1, 2012 and the "Supplemental Specifications and Recurring Special Provisions", adopted,				
	January 1, 2012 prepared by the Department of Transportation, shall govern insofar as they may be				
^	applied and insofar as they do not conflict with the special provisions and supplemental specifications attached hereto.				
2.	It is understood that quantities listed are approximate only and that they may be increased or decreased as may be needed to properly complete the improvement within its present limits or extensions thereto, at the unit price stated and				
	that bids will be compared on the basis of the total price bid for each group.				
3.	Delivery in total or partial shipments as ordered shall be made within the time specified in the special provisions or by				
	the acceptance at the point and in the manner specified in the "Schedule of Prices". If delivery on the job site is specified, it shall mean any place or places on the road designated by the awarding authority or its authorized				
	representative.				
4.	The contractor and/or local agency performing the actual material placement operations shall be responsible for				
	providing work zone traffic control, unless otherwise specified in this proposal. Such devices shall meet the requirements of and be installed in accordance with applicable provisions of the "Illinois Manual on Uniform Traffic				
	Control Devices" and any referenced Illinois Highway Standards.				
5.	Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between				
	the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.				
6.	A bid will be declared unacceptable if neither a unit price nor a total price is shown.				
	counts will be allowed for payment as follows: % calendar days: % calendar days.				
	counts will not be considered in determining the low bidder.				
Bid	der By (Signature)				
Add	dress Title				



### Substance Abuse Prevention Program Certification

		Route:	
		County:	McHenry
		Local Agency:	Greenwood Town ship
		Section:	14-09000-00 GM
de wo ba su	ne Substance Abuse Prevention on Public Works Adefined in the Act, by employees of the Contractor and ork on a public works project. The Contractor/Subcorgaining agreement or makes the public filing of its bstance abuse among its employees who are not commandated by the Act.	d by employees ontractor here written substance	of all a proyed Subcontractors while performing b certifies that it has a superseding collective
A.	The undersigned representative of the Contractor/collective bargaining agreements that are in effe Public Act 95-0635.	Subcontractor ce I for all of its emp	ertifies that the contracting entity has signed bloyees, and that deal with the subject matter of
	Contractor/Saocol sactor		
	Name of Authorized Representative (type or	print)	
	Title of Authorized Mepresentative (type or	print)	<del></del>
	Signature of Authorized Representative	)	Date
B.		ining agreement	ertifies that the contracting entity has in place for all that deals with the subject of the Act, the attached quirements of Public Act 95-0635.
	Contractor/Subcontractor		
	Name of Authorized Representative (type or	print)	
	Title of Authorized Representative (type or p	print)	
	Signature of Authorized Representative	;	Date

### BDE SPECIAL PROVISIONS For the January 17 and March 7, 2014 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An \* indicates a new or revised special provision for the letting.

File Name	<u>#</u>		Special Provision Title	Effective	Revised
80240	1		Above Grade Inlet Protection	July 1, 2009	Jan. 1, 2012
* 80099			Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80274			Aggregate Subgrade Improvement	April 1, 2012	Jan. 1, 2013
80192			Automated Flagger Assistance Device	Jan. 1, 2008	
80173			Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2013
80241			Bridge Demolition Debris	July 1, 2009	4 " 4 0040
50261	7		Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	8		Building Removal-Case II (Non-Friable Asbattos	Sept. 1, 1990	April 1, 2010
50491	9		Building Removal-Case III (Friable Asbactes)	Sept. 1, 1990	April 1, 2010
50531	10	-	Building Removal-Case IV (No Asbes os)	Sept. 1, 1990	April 1, 2010
80292	11	ļ	Coarse Aggregate in Bridge Approach Slabs/F botings	April 1, 2012	April 1, 2013
	12		Coated Galvanized Steel Conduct	Jan. 1, 2013 April 1, 2008	
80198	13		Completion Date (via calendal lays)  Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80199	14 15	-	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5	April 1, 2012	
80293	15		Feet	April 1, 2012	
80294	16		Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of	April 1, 2012	
5025.			Design Fill and 1 kews 30 Degrees with Design Fills > 5 Feet		
80311	17		Concrete End Sections or Pipe Culverts	Jan. 1, 2013	
	18		Concrete Ma Do sign — Department Provided	Jan. 1, 2012	Jan. 1, 2014
* 80261	19		Construction A. Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2014
80029	20		Disadva, laged siness Enterprise Participation	Sept. 1, 2000	Aug. 2, 2011
80265	21	<b>V</b>	Friction Agregate	Jan. 1, 2011	
80229	22		Fuel Cost Agustment	April 1, 2009	July 1, 2009
	23		Glare Screen	Jan. 1, 2014	
80303	24	L	Granular Materials	Nov. 1, 2012	
80304	25		Grooving for Recessed Pavement Markings	Nov. 1, 2012	Jan. 1, 2013
80246			Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2012
80322	27		Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements	Nov. 1, 2013	
80323	28		Hot-Mix Asphalt – Mixture Design Verification and Production	Nov. 1, 2013	
80315	29		Insertion Lining of Culverts	Jan. 1, 2013	Nov. 1, 2013
80324	30		LRFD Pipe Culvert Burial Tables	Nov. 1, 2013	
80325	31		LRFD Storm Sewer Burial Tables	Nov. 1, 2013	
80045	32		Material Transfer Device	June 15, 1999	Jan. 1, 2009
80165	33		Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
* 80330	34		Pavement Marking for Bike Symbol	Jan. 1, 2014	
80298	35		Pavement Marking Tape Type IV	April 1, 2012	
80254	36		Pavement Patching	Jan. 1, 2010	
* 80331	37		Payrolls and Payroll Records	Jan. 1, 2014	
* 80332	38		Portland Cement Concrete – Curing of Abutments and Piers	Jan. 1, 2014	
80326	39		Portland Cement Concrete Equipment	Nov. 1, 2013	
80300	40		Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	
* 80328	41		Progress Payments	Nov. 2, 2013	
* 80281	42		Quality Control/Quality Assurance of Concrete Mixtures	Jan. 1, 2012	Nov. 1, 2013
34261	43		Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	44	L	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	

File Name	<u>#</u>	Special Provision Title	<b>Effective</b>	Revised
80306	45	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt	Nov. 1, 2012	Nov. 1, 2013
		Shingles (RAS)		
80327	46	Reinforcement Bars	Nov. 1, 2013	
80283	47	Removal and Disposal of Regulated Substances	Jan. 1, 2012	Nov. 2, 2012
80319	48	Removal and Disposal of Surplus Materials	Nov. 2, 2012	
80307	49	Seeding	Nov. 1, 2012	
80127	50	Steel Cost Adjustment	April 2, 2004	April 1, 2009
80317	51	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	
80301	52	Tracking the Use of Pesticides	Aug. 1, 2012	
* 80333	53	Traffic Control Setup and Removal Freeway/Expressivey	Jan. 1, 2014	
20338	54	Training Special Provisions	Oct. 15, 1975	
80318	55	Traversable Pipe Grate	Jan. 1, 2013	April 1, 2013
80288	56	Warm Mix Asphalt	Jan. 1, 2012	Nov. 1, 2013
80302	57	Weekly DBE Trucking Reports	June 2, 2012	
80289	58	Wet Reflective Thermoplastic Pavement was king	Jan. 1, 2012	
80071	59	Working Days	Jan. 1, 2002	

80071 59 Working Days

Jan. 1, 2002

The following special provisions are in the 2014 Supplemental Confications and Recurring Special Provisions:

File Name	Special Provision Title	New Location	Effective	Revised
80309	Anchor Bolts	Articles 1006.09, 1070.01, and 1070.03	Jan. 1, 2013	<del></del>
80276	Bridge Relief Joint Sealer	Article 503.19 and Sections 588 and 589	Jan. 1, 2012	Aug. 1, 2012
80312	Drain Pipe, Tile, Drainage Mat, and Wall Drain	Article 101.01, 1040.03, and 1040.04	Jan. 1, 2013	
80313	Fabric Bearing Pads	Article 1082.01	Jan. 1, 2013	
80169	High Tension Cable Wieu. Sarrier	Section 644 and Article 1106.02	Jan. 1, 2007	Jan. 1, 2013
80320	Liquidated Damages	Article 108.09	April 1, 2013	
80297	Modified Urethane Pavement Marking	Section 780, Articles 1095.09 and 1105.04	April 1, 2012	
80253	Movable Traffic Barrier	Section 707 and Article 1106.02	Jan. 1, 2010	Jan. 1, 2013
80231	Pavement Marking Removal	Recurring CS #33	April 1, 2009	
80321	Pavement Removal	Article 440.07	April 1, 2013	
80022	Payments to Subcontractors	Article 109.11	June 1, 2000	Jan. 1, 2006
80316	Placing and Consolidating Concrete	Articles 503.06, 503.07, and 516.12	Jan. 1, 2013	
80278	Planting Woody Plants	Section 253 and Article 1081.01	Jan. 1, 2012	Aug. 1, 2012
80305	Polyurea Pavement Markings	Article 780.14	Nov. 1, 2012	Jan. 1, 2013
80279	Portland Cement Concrete	Sections 312, 503, 1003, 1004, 1019, and 1020	Jan. 1, 2012	Nov. 1, 2013
80218	Preventive Maintenance – Bituminous Surface Treatment	Recurring CS #34	Jan. 1, 2009	April 1, 2012
80219	Preventive Maintenance – Cape Seal	Recurring CS #35	Jan. 1, 2009	April 1, 2012
80220	Preventive Maintenance – Micro-Surfacing	Recurring CS #36	Jan. 1, 2009	April 1, 2012
80221	Preventive Maintenance – Slurry Seal	Recurring CS #37	Jan. 1, 2009	April 1, 2012
80224	Restoring Bridge Approach Pavements Using High- Density Foam	Recurring CS #39	Jan. 1, 2009	Jan. 1, 2012
80255	Stone Matrix Asphalt	Sections 406, 1003, 1004, 1030, and 1011	Jan. 1, 2010	Aug. 1, 2013
80143	Subcontractor Mobilization Payments	Article 109.12	April 2, 2005	April 1, 2011

File Name	Special Provision Title	New Location	<u>Effective</u>	Revised
80308	Synthetic Fibers in Concrete Gutter, Curb, Median	Articles 606.02 and 606.11	Nov. 1, 2012	
	and Paved Ditch			
80286	Temporary Erosion and Sediment Control	Articles 280.04 and 280.08	Jan. 1, 2012	
80225	Temporary Raised Pavement Marker	Recurring CS #38	Jan. 1, 2009	
80256	Temporary Water Filled Barrier	Section 708 and Article	Jan. 1, 2010	Jan. 1, 2013
	• •	1106.02		
80273	Traffic Control Deficiency Deduction	Article 105.03	Aug. 1, 2011	
80270	Utility Coordination and Conflicts	Articles 105.07, 1 7.15	April 1, 2011	Jan. 1, 2012
	•	107.31, 107 7, 107.38,	·	
		107.39 and 107		

The following special provisions require additional information from the design of The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal-Case I
- Building Removal-Case II
- Building Removal-Case III
- Building Removal-Case
- Completion Date
- Completion Date Plus Yorking lays
- DBE Participation

- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

#### FRICTION AGGREGATE (BDE)

Effective: January 1, 2011

Revise Article 1004.01(a)(4) of the Standard Specifications to each

- "(4) Crushed Stone. Crushed stone shall be the acquire fragments resulting from crushing undisturbed, consolidated deposits of rock by mechanical means. Crushed stone shall be divided into the following when specified.
  - a. Carbonate Crushed Stone. Carbonate sushed stone shall be either dolomite or limestone. Dolomite shall contain 11.1 percent or more magnesium oxide (MgO). Limestone shall contain less than 115 percent magnesium oxide (MgO).
  - b. Crystalline Crushed Store. Crystalline crushed stone shall be either metamorphic or incleous store, including but is not limited to, quartzite, granite, rhyolite and dial as "

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Agreeate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed	
Class A	Seal or Cover	Allowed Alone or in Combination:	
		Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete	
HMA All Other	Stabilized Subbase or Shoulders	Allowed Alone or in Combination:  Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>1/</sup> Crushed Concrete	

HMA High ESAL Low ESAL  SMA Binder  HMA High ESAL Low ESAL  Crushed Gravel Carbonate Crushed Crushed Sandston Crushed Sylig (ACE Crushed Gravel Carbonate Crushed Crushed Sandston Crushed Sylig (ACE Crushed Gravel Crushed Sandston Crushed Gravel Crushed Sandston Crushed Gravel		Aggregates Allowed	
		Carbonate Crushed Crystalline Crushed Crushed Sandstone Crushed Skig () CBF	Stole <sup>2/</sup> Stane
		Allowed A vne or in C Grushed Gruvel Carbon of Crushed S C ystalline Crushed S Gushed Sandstone Crushed Slag (ACBF Crushed Steel Slag <sup>4/</sup> Crushed Concrete <sup>3/</sup>	Stone <sup>2/</sup> Stone
HMA High ESAL	D Surface and Leveling Binder IL-12.5 or IL-9.5 SMA Ndesign 50 Surface	Allowed Alone or in Combination:  Crushed Gravel Carbonate Crushed Stone (other than Limestone) <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) <sup>5/</sup> Crushed Steel Slag <sup>4/5/</sup> Crushed Concrete <sup>3/</sup>	
		Other Combinations A	Allowed: With
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
		75% Limestone	Crushed Slag (ACBF) <sup>5/</sup> or Crushed Sandstone

Mixture	Aggregates Allowed		
E Surface IL-12.5 or IL-9.5 SMA Ndesign 80 Surface	Allowed Alone or in Combination:  Crushed Gravel Crystalline Crushed Store Crushed Sandstone Crushed Slag (ACBF) Crushed Store Classed Store Crushed Store Crushed Concept.		
		Allowed:	
	U, to	With	
	50% Dolomite <sup>2/</sup>	Any Mixture E aggregate	
40	75% Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF) <sup>5/</sup> , Crushed Steel Slag <sup>5/</sup> , or Crystalline Crushed Stone	
	75% Crushed Gravel or Crushed Concrete <sup>3/</sup>	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF) <sup>5/</sup> , or Crushed Steel Slag <sup>5/</sup>	
F Surface	Allowed Alone or in Combination:		
IL-12.5 or IL-9.5 SMA Ndesign 80 Surface	Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) <sup>5/</sup> Crushed Steel Slag <sup>5/</sup> No Limestone.		
		Allowed:   With	
	E Surface IL-12.5 or IL-9.5  SMA Ndesign 80 Surface IL-12.5 or IL-9.5  SMA Ndesign 80	E Surface IL-12.5 or IL-9.5  SMA Ndesign 80 Surface  Crushed Gravel Crystalline Crushed Sandstone Crushed Street S	

Use	Mixture	Aggregates Allowed	
		50% Crushed Gravel, Crushed Concrete <sup>3/</sup> , or Dolomite <sup>2/</sup>	Crust ed Saldstone, Chashe \Skig \\CE\) <sup>5/</sup> , Crushed ste\  Slag <sup>5/</sup> , or Crystalline Crushed Stone

- Crushed steel slag allowed in shoulder surface 1/
- Crushed steel stag allowed in shoulder sturactionly.

  Carbonate crushed stone shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blender with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.

  Crushed concrete will not be permitted in SMA mixes.

  Crushed steel stag shall not be used as leveling binder.

  When either stag is used the blend percentages listed shall be by volume."
- 3/
- 4/

80265

### CHECK SHEET FOR RECURRING SPECIAL PROVISIONS

#### Adopted January 1, 2014

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

#### RECURRING SPECIAL PROVISIONS CHECK SHEET # PAGE NO. 1 Additional State Requirements for Federal-Aid Construction Con-(Eff. 2-1-69)(Rev. 1-1-10) 149 Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 152 EEO (Eff. 7-21-78) (Rev. 11-18-80) 153 Specific Equal Employment Opportunity Responsibility Eederal-Aid Contracts 163 (Eff. 3-20-69) (Rev. 1-1-94) Required Provisions - State Contracts (Eff. 4 5 13) 168 Asbestos Bearing Pad Removal (Eff. 11-1-0 173 7 Asbestos Waterproofing Membrane and ix Asphalt Surface Removal 174 tos Hot (Eff. 6-1-89) (Rev. 1-1-09) 8 Haul Road Stream Crossings, Other orary Stream Crossings, and In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98) 175 Construction Layout Stakes except for Bridges (Eff. 1-1-99) (Rev. 1-1-07) 176 10 Construction Layout States (N. 5-1-93) (Rev. 1-1-07) 179 11 Use of Geotextile Fabric for Rail and Crossing (Eff. 1-1-95) (Rev. 1-1-07) 182 Subsealing of Cor afete Parements (Eff. 11-1-84) (Rev. 1-1-07) Hot-Mix Asphalt surface Correction (Eff. 11-1-87) (Rev. 1-1-09) Pavement and Shallder Resurfacing (Eff. 2-1-00) (Rev. 1-1-09) 12 184 13 188 14 190 PCC Partial Dep. Hot-ivix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07) Patching Vin Hot X Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07) 15 191 16 193 17 Polymer Courrete (Eff. 8-1-95) (Rev. 1-1-08) 194 18 PVC Pipeliner Eff. 4-1-04) (Rev. 1-1-07) 196 19 Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07) 197 20 Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-12) 198 21 Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-12) 202 22 Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07) 204 23 Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07) 206 24 Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07) 208 25 Night Time Inspection of Roadway Lighting (Eff. 5-1-96) 209 26 English Substitution of Metric Bolts (Eff. 7-1-96) 210 27 English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03) 211 28 Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01) (Rev. 1-1-13) 212 29 Portland Cement Concrete Inlay or Overlay for Pavements (Eff. 11-1-08) (Rev. 1-1-13) 213 30 Quality Control of Concrete Mixtures at the Plant (Eff. 8-1-00) (Rev. 1-1-14) 216 31 Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-14) 224 32 Digital Terrain Modeling for Earthwork Calculations (Eff. 4-1-07) 240 Pavement Marking Removal (Eff. 4-1-09) 33 242 Preventive Maintenance – Bituminous Surface Treatment (Eff. 1-1-09) (Rev. 1-1-12) 34 243 35 Preventive Maintenance – Cape Seal (Eff. 1-1-09) (Rev. 1-1-12) 249 36 Preventive Maintenance – Micro-Surfacing (Eff. 1-1-09) (Rev. 1-1-12) 264 Preventive Maintenance - Slurry Seal (Eff. 1-1-09) (Rev. 1-1-12) 37 275 38 Temporary Raised Pavement Markers (Eff. 1-1-09) (Rev. 1-1-14) 285

Restoring Bridge Approach Pavements Using High-Density Foam (Eff. 1-1-09) (Rev. 1-1-12)

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### CHECK SHEET FOR LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

#### Adopted January 1, 2014

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

### LOCAL ROADS AND STREETS RECURRING SPECIAL PLOVISIONS

CHECK S	SHEE	T# PAC	GE NO
LRS 1		Reserved	290
LRS 2		Furnished Excavation (Eff. 1-1-99) (Rev. 1-1-07)	291
LRS 3		Work Zone Traffic Control (Eff. 1-1-99) (Rev. 1-1-10)	
LRS 4		Flaggers in Work Zones (Eff. 1-1-99) (Rev. 1-1-07)	293
LRS 5	X	Contract Claims (Eff. 1-1-02) (Rev. 1-1-07)	294
LRS 6		Bidding Requirements and Conditions for Contract Prop. (als (Eff. 1-1-02) (Rev. 1-1-13)	295
LRS 7	冈	Bidding Requirements and Conditions for Ma erial Proposal (Eff. 1-1-02) (Rev. 1-1-13)	301
LRS 8		Reserved	307
LRS 9		Bituminous Surface Treatments (Eff. 17-99) (N. v. 1-111)	308
LRS 10		Reserved	309
LRS 11	X	Employment Practices (Eff. 1-1-99)	310
LRS 12		Wages of Employees on Public Works (En. 1-1-99) (Rev. 1-1-14)	312
LRS 13	$\overline{\mathbb{X}}$	Selection of Labor (Eff. 1, 53)(Rev. 1-1-12)	314
<b>LRS 14</b>		Paving Brick and Concrete Pave Pavements and Sidewalks (Eff. 1-1-04) (Rev. 1-1-09)	315
LRS 15	$\overline{\mathbf{X}}$	Partial Payments (5.7. 1- 07)	
LRS 16		Protests on Local Lettings (1 ff. 1-1-07) (Rev. 1-1-13)	. 319
LRS 17		Substance Abuse Prevention Program (Eff. 1-1-08)(Rev. 1-8-08)	320
LRS 18		Multigrade Colo Mix . : Lait (Eff. 1-1-07) (Rev. 1-1-13)	. 321

#### **CHECK SHEET #LRS5**

### State of Illinois Department of Transportation Bureau of Local Roads and Streets

#### SPECIAL PROVISION FOR CONTRACT CLAIMS

Effective: January 1, 2002 Revised: January 1, 2007

Revise the second sentence of subparagraph a) of Article 109.09 of the Standard Specifications to read:

"All claims shall be submitted to the Engilleer."

Revise subparagraph (e) of Article 102/9 of the Standard Specifications to read:

"(e) Procedure. All Claims shall be submitted to the Engineer. The Engineer will consider all information submitted with the claim. Claims not conforming to this Article with the returned without consideration. The Engineer may schedule a claim presentation meeting if, in the Engineer's judgement, such a meeting would aid in resolution of the claim, otherwise a decision will be based on the claim documentation submitted. A final decision will be rendered within 90 days of receipt of the claim.

Full compliance by the Contractor with the provisions specified in this Article is a contractual condition precedent to the Contractor's right to seek relief in the Court of Claims. The Engineer's written decision shall be the final administrative action of the Department. Unless the Contractor files a claim for adjudication by the Court of Claims within 60 days after the date of the written decision, the failure to file shall constitute a release and waiver of the claim."

### State of Illinois Department of Transportation Bureau of Local Roads and Streets

# SPECIAL PROVISION FOR BIDDING REQUIREMENTS AND CONDITIONS FOR MAINTIAL PROPOSALS

Effective: January 1, 25 d2 Revised: January 1, 2003

Replace Article 102.01 of the Standard Specific with the following:

"Prequalification of Bidders. When prequalification is required and the awarding authority for contract construction work is the County Board of a County, the Council, the City Council, or the President and Board of Trustees of a city, village, or town, each prospective bidder, in evidence of competence, shall furnish the awarding authority as a prerequisite to the repase of proposal forms by the awarding authority, a certified or photostatic topy of a "Certificate of Eligibility" issued by the Department of Transportation, in accordance with the Department's "Prequalification Manual".

The two low I dders must file, within 24 hours after the letting, a sworn affidavit in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award by Pederal, State, County, Municipal and private work, using the blank form hade a silable for this affidavit. One copy shall be filed with the awarding authority and two copies with the District office.

<u>Issuance of Proposal Forms</u>. The Awarding Authority reserves the right to refuse to issue a proposal form for bidding purposes for any of the following reasons:

- (a) Lack of competency and adequate machinery, plant, and other equipment, as revealed by the financial statement and experience questionnaires required in pregualification procedures.
- (b) Uncompleted work which, in the judgement of the Awarding Authority, might hinder or prevent the prompt completion of additional work awarded.
- (c) False information provided on a bidder's "Affidavit of Availability".
- (d) Failure to pay, or satisfactorily settle, all bills due for labor and material on former contracts in force at the time of issuance of proposal forms.
- (e) Failure to comply with any prequalification regulations of the Department.
- (f) Default under previous contracts.
- (g) Unsatisfactory performance record as shown by past work for the Awarding Authority, judged from the standpoint of workmanship and progress.
- (h) When the Contractor is suspended from eligibility to bid at a public letting where the contract is awarded by, or requires approval of, the Department.

#### CHECK SHEET #LRS7

- (i) When any agent, servant, or employee of the prospective bidder currently serves as a member, employee, or agent of a governmental body that is financially involved in the proposal work.
- (j) When any agent, servant, or employee of the perspective bidder has participated in the preparation of plans or specifications for the proposed work.

Interpretation of Quantities in the Bid Schedule. The grantiles appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

Examination of Material Proposal, Specifications, Special Provisions, and Site of Work. The bidder shall, before subhitting a bid, carefully examine the provisions of the proposal. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the work and fully acquaint themselves with the detailed requirements of the work. Submission of a bid shall be a conclusive assurance and warranty the bidder has made these examinations and the lidder understands all requirements for the performance of the work. If his/her bit is accepted, the bidder will be responsible for all errors in the proposal resulting from his/her failure or neglect to comply with these instructions. The Awarding Althons, will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the bidder to make these examinations.

The bidder shall take no advantage of any error or omission in the proposal. Any prospective bidder who desires an explanation or interpretation of the specification, or any of the documents, shall request such in writing from the Awarding Authority, in sufficient time to allow a written reply by the Awarding Authority that can reach all prospective bidders before the submission of their bids. Any reply given a prospective bidder concerning any of the documents and specifications will be furnished to all prospective bidders in the form determined by the Awarding Authority including, but not limited to, an addendum, if the information is deemed by the Awarding Authority to be necessary in submitting bids or if the Awarding Authority concludes the information would aid competition. Oral explanations, interpretations or instructions given before the submission of bids unless at a prebid conference will not be binding on the Awarding Authority.

<u>Preparation of the Proposal</u>. Bidders shall submit their proposals on the form furnished by the Awarding Authority. The proposal shall be executed properly, and bids shall be made for all items indicated in the proposal form, except when alternate bids are asked, a bid on more than one alternate for each item is not required, unless otherwise provided. The bidder shall indicate in figures, a unit price for each of the separate items called for in the proposal form; the bidder shall show the products of the respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the proposal form shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder which shall be written in ink.

When prequalification is required, the proposal form shall be submitted by an authorized bidder in the same name and style as shown on the "Contractor's Statement of Experience and Financial Condition" used for prequalification and shall be submitted in like manner.

<u>Rejection of Proposals</u>. The Awarding Authority reserves the right to reject any proposal for any of the conditions in "Issuance of Proposal Follow or for any of the following reasons:

- (a) More than one proposal for the same with from an individual, firm, partnership, or corporation under the same name or different names.
- (b) Evidence of collusion among bidders.
- (c) Unbalanced proposals in which the bid prices for some items are, in the judgement of the Awar ang Authority, out of proportion to the bid prices for other items.
- (d) If the proposal cases not contain a unit price for each pay item listed, except in the case of authorized alternate pay items or lump sum pay items.
- (e) If the protosal form is other than that furnished by the Awarding Authority; or if the form is alte ed or any part thereof is detached.
- (f) If here e omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- (g) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- (i) If the proposal is not accompanied by the proper proposal guaranty.
- (i) If the proposal is prepared with other than ink or typewriter, or otherwise fails to meet the requirements of the above "Preparation of Proposal" section.

<u>Proposal Guaranty</u>. Each proposal shall be accompanied by a bid bond on the Department form contained in the proposal, executed by a corporate surety company satisfactory to the Awarding Authority, by a bank cashier's check or a properly certified check for not less than five percent of the amount bid, or for the amount specified in the following schedule:

	Amount Bid	Proposal Guaranty
Up to	\$5,000	\$150
>\$5,000	\$10,000	\$300
>\$10,000	\$50,000	\$1,000
>\$50,000	\$100,000	\$3,000
>\$100,000	\$150,000	\$5,000
>\$150,000	\$250,000	\$7,500
>\$250,000	\$500,000	\$12,500
>\$500,000	\$1,000,000	\$25,000

Amount Bid		Proposal Guaranty		
>\$1,000,000	\$1,500,000	\$50,000		
>\$1,500,000	\$2,000,000	\$75,000		
>\$2,000,000	\$3,000,000	\$100,000		
>\$3,000,000	\$5,000,000	\$150 <u>000</u>		
>\$5,000,000	\$7,500,000	\$250,000		
>\$7,500,000	\$10,000,000	\$40,000		
>\$10,000,000	\$15,000,000	\$3,20,000		
>\$15,000,000	\$20,000,000	<u>\$6</u> 00 000		
>\$20,000,000	\$25,000,000	\$7,0,000		
>\$25,000,000	\$30,000,000	\$ 00,000		
>\$30,000,000	\$35,000,000	\$900,000		
Over	\$35,000,000	\$1,000,000		

In the event that one proposal guaranty che k is intended to cover two or more proposals, the amount must equal to the s m of the proposal guaranties which would be required for each individual proposal.

Bank cashier's checks or properly cartified checks accompanying proposals shall be made payable to the County Treasurer, when a County is the awarding authority; or the City, Village, or Town Treasurer, when a city, village, or town is the awarding authority.

If this proposal contains, arious groups and the bidder has the option of bidding on one or several groups, the bidder may provide a separate proposal guaranty for each group or combination of groups in lieu of a single proposal guaranty to cover the amount bid for the intire proposal. Each proposal guaranty shall identify the groups covered by the individual proposal guaranty. In the event that one proposal guaranty check is intended to cover two or more groups, the amount must be equal to the sum of the proposal guaranties which would be required for each individual group.

The proposal guaranty checks of all, except the two lowest responsible, will be returned promptly after the proposals have been checked, tabulated, and the relation of the proposals established. Proposal guaranty checks of the two lowest bidders will be returned as soon as the contract and contract bond of the successful bidder have been properly executed and approved. If a contract bond is not required, the proposal guaranty check will be held in lieu thereof. Bid bonds will not be returned.

The awarding authority may deny the use of a bid bond as a proposal guaranty but may not further restrict the proposal guaranty. The Notice of Material Letting will state whether a bid bond is allowed.

<u>Delivery of Proposals</u>. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Authority and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

<u>Withdrawal of Proposals</u>. Permission will be given a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

<u>Public Opening of Proposals</u>. Proposals will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, beir authorized agents and other interested parties are invited to be present.

Consideration of Proposals. After the proposals are observed and read, they will be compared on the basis of the summation of the products of the quantities shown in the bid schedule by the unit bid prices. In the event of a discrepancy between unit bid prices and extensions, the unit bid price shall green. In awarding the supply of materials, the Awarding Authority will, in addition to considering the amounts stated in the proposals, take into consideration the esponsibility of the various bidders as determined from a study of the data in quired under "Prequalification of Bidders", and from other investigations which it may exceed a make.

The right is reserved to reject any or all proposals, to waive technicalities or to advertise for new proposals, if in the judgement of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

Acceptance if Prop sal to Furnish Material. The award will be made within 45 calendar days after the opening of proposals to the lowest responsible and qualified bidder whose proposal complies with all the requirements prescribed. The successful a roun. If be notified by letter of intent that his/her bid has been accepted, and subject to the following conditions, the bidder will be the Contractor or Supplier.

An acceptance of proposal to furnish materials executed by the Awarding Authority is required before the Awarding Authority is bound. An award may be cancelled any time by the Awarding Authority prior to execution in order to protect the public interest and integrity of the bidding process or for any other reason if, in the judgement of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

If a material proposal is not awarded within 45 days after the opening of proposals, bidders may file a written request with the Awarding Authority for the withdrawal of their bid, and the Awarding Authority will permit such withdrawal.

Requirement of Contract Bond. If the Awarding Authority requires a Contract Bond, the Contractor or Supplier shall furnish the Awarding Authority a performance and payment bond with good and sufficient sureties in the full amount of the award as the penal sum. The surety shall be acceptable to the Awarding Authority, shall waive notice of any changes and extensions of time, and shall submit its bond on the form furnished by the Awarding Authority.

The contract bond shall be returned within 15 days after the notice of award. Failure of the successful bidder to execute and file acceptable bonds within 15 days after the notice of award has been mailed to the bidder shall be just cause for the cancellation of the award and the forfeiture of the proposal guaranty which shall become the property of the Awarding Authority, not as penalty, but in liquidation of

#### **CHECK SHEET #LRS7**

damages sustained. Award may then be made to the next lowest responsible bidder, or the work may be readvertised, or otherwise, as the Awarding Authority may decide.

If the bidder to whom the award is made is a corporation organized under the laws of a State other than Illinois, the bidder shall furnish the Awarding Authority a copy of the corporation's Certificate of Authority to do business in the State of Illinois with the return of the contract bond. Failure to furnish such evidence of a Certificate of Authority within the time required will be considered as just ause for the annulment of the award and the forfeiture of the proposal granally to the Awarding Authority, not as a penalty, but in payment of liquidate Lamages sustained as a result of such failure.

<u>Failure to Execute the Acceptance of Paporel to Furnish Material</u>. If the acceptance of proposal to furnish material is not a ecuted by the Awarding Authority within 15 days following receipt from the lidder of the properly executed bonds, the bidder shall have the right to withdraw bish er bid without penalty."

# State of Illinois Department of Transportation Bureau of Local Roads and Streets

#### SPECIAL PROVISION FOR EMPLOYMENT PRACTICES

Effective: January 1, 1999

In addition to all other labor requirements so both in this proposal and in the Standard Specifications for Road and Bridge enstruction, adopted by the Department of Transportation, during the performance of this contract, the Contractor for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

Selection of Labor. The Contractor shall comply with all Illinois statutes pertaining to the selection of labor.

Equal Employment Opportunity. During the performance of this contract, the Contractor agrees as follows

- (a) That it will not di criminate against any employee or applicant for employment recause of race, color, religion, sex, national origin, ancestry, age, mi that thus, physical or mental handicap or unfavorable discharge from military service, and further that it will examine all job classifications to determine it minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- (b) That, if it hires additional employees in order to perform this contract or any portion hereof, it will determine the availability of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- (c) That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin, ancestry, age, marital status, physical or mental handicap or unfavorable discharge from military service.

That it will send to each labor organization or representative of workers with which it has or is bound by collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with so such Act and Rules and Regulations, the Contractor will promptly so notify the Illinois Department of Human Rights and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

- (e) That it will submit reports as required by the Department of Human Rights Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
- (f) That it will permit access to all relevant books, report accounts and work sites by personnel of the contracting agency in nois Department of Human Rights for purposes of investigation to ascertain a mpliance with the Illinois Human Rights Act and the Department's Rules app. Regulations.
- (g) That it will include verbatim or by efer nce the provisions of this clause in every subcontract so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the Contractor will be liable for compliance with applicable provisions of this clause by all its subcontract recand further it will promptly notify the contracting agency and the Illinois Department of Human Rights in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will set utilize any subcontractor declared by the subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

### State of Illinois DEPARTMENT OF TRANSPORTATION Bureau of Local Roads & Streets

# SPECIAL PROVISION FOR WAGES OF EMPLOYEES ON PUBLIC WORKS

Effective: January 1, 1999 Revised: January 1, 2014

- 1. Prevailing Wages. All wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 k/cs 130), as amended, except where a prevailing wage violates a federal law, order, or rubig, the rate conforming to the federal law, order, or ruling shall govern. The Illinois Department of Labor publishes the prevailing wage rates on its website at <a href="https://www.stat.cii.us.lage.ncy/idol/rates/rates.htm">www.stat.cii.us.lage.ncy/idol/rates/rates.htm</a>. If the Illinois Department of Labor revises the prevailing wage lates, the revised prevailing wage rates on the Illinois Department of Labor's web site shall apply to this contract and the Contractor will not be allowed additional compens tion on account of said revisions. The Contractor shall review the wage rates applicable to the work of the contract at regular intervals in order to ensure the timely payment of current wage rates. The Contractor agrees that no additional notice is required. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto.
- 2. Payroll Records. The Contractor and each subcontractor shall make and keep, for a period of not less than fire years from the date of the last payment on a contract or subcontract, records of all laborers, mechanics, and other workers employed by them on the project; the records shall have bornation required by 820 ILCS 130/5 for each worker. Upon seven business days' notice, the Contractor and each subcontractor shall make available for inspection and copying at a location within this State during reasonable hours, the payroll records to the public body in charge of the project, its officers and agents, the Director of Labor and his deputies and agents, and to federal, State, or local law enforcement agencies and prosecutors.
- 3. Submission of Payroll Records. The Contractor and each subcontractor shall, no later than the 15th day of each calendar month, file a certified payroll for the immediately preceding month with the public body in charge of the project, except that the full social security number and home address shall not be included on weekly transmittals. Instead the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). The certified payroll shall consist of a complete copy of the payroll records except starting and ending times of work each day may be omitted

The certified payroll shall be accompanied by a statement signed by the Contractor or subcontractor or an officer, employee, or agent of the contractor or subcontractor which avers that: (i) he or she has examined the certified payroll records required to be submitted by the Act and such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required; and (iii) the Contractor or subcontractor is aware that filling a certified payroll that he or she knows to be false is a Class A misdemeanor.

4. Employees Interviews. The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department or the Department of Labor.

#### **CHECK SHEET #LRS13**

# State of Illinois Department of Transportation Bureau of Local Roads and Streets

#### SPECIAL PROVISION FOR SELECTION OF LABOR

Effective: January 1, 1999 Revised: January 1, 2012

The Contractor shall comply with all Illinois statutes pertaining to the selection of labor.

Employment of Illinois Workers During Periods of Excessive Unemployment. Whenever there is a period of excessive unemployment in Illinois, which is defined herein as any month immediately following two consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded five percent as measured by the United State Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ at least 90 percent Illinois laborars. "Illinois laborers" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident.

Other laborers may be used when Illinois laborers as defined herein are not available, or are used. Le of performing the particular type of work involved, if so certified by the Contractor and approved by the Engineer. The Contractor may place no more than three of his regularly employed non-resident executive and technical experts, who do not qualify as Illinois laborers, to do work encompassed by this Contract during a period of excessive unemployment.

This provision applies to all labor, whether skilled, semi-skilled or unskilled, whether manual or non-manual.

#### **CHECK SHEET #LRS15**

State of Illinois
Department of Transportation

SPECIAL PROVISION FOR PARTIAL PAYMENTS

Effective: January 1, 2007

Add the following after the first paragraph of Akicle 109.07(a) of the Standard Specifications:

"The State will deduct from the amount so etermined for the first 50 percent rcent to be retained until after the of the completed work a sum of ten p completion of the entire work to the s tisfaction of the Engineer. After deted, the Engineer may, at his/her 50 percent or more of the y discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided sed is not less than five percent of the total adjusted that the amount retain contract price. When the principal items of the work have been satisfactorily inal stimate may be made with the consent of the completed, a surety. Payment to the Contractor under such an estimate shall not exceed ne ambunt retained after making partial payments, but in no 90 percent of event shall the amount retained after making the semi-final payment be less percent of the adjusted contract price, nor less than \$500.00. than on

When any payment is made directly to the State, payments for completed work shall have deducted the proportionate share of the cost to be borne by the State. The deduction will be the estimated cost to the State divided by the awarded contract value with this percentage applied to the value of work in place. Any adjustment to be made because of changed quantities will be made when the final payment is being processed. No retainage will be held from the value of such payments."

#### SPECIAL PROVISIONS

#### McHenry County Greenwood Township Section 14-09000-00-GM

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2012, (herein after referred to as the Standard Specifications); the latest edition of the "Illinois Manual on Uniform Trank's Control Devices for Streets and Highways"; and the Manual of Test Procedures for Materials" to affect on the date of invitation for bids; and "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein, which apply to and go was the above mentioned improvement, and in case of conflict with any part or parts of sald special special Provisions shall take precedence and shall govern.

Prequalification of bidders shall be required in accordance with the applicable sections of check sheet LRS 7 of the Supplemental Specifications and Recurring Special Provisions.

#### HOT-MIX ASPHALT SURFACE SOURSE, IL 9.5, N50 (F.O.B. PLANT)

This work shall be per primed in accordance with the applicable parts of the Standard Specifications, especially Arneles 406 and 1030.

A haul differential of \$2.50 per ton per mile between the Township Road District garage and the bidder's designated plant location will be used to determine the low bidder.

The successful bidder shall be capable of providing the specified material upon 48 hours notice from the Township Highway Commissioner. No material substitutions or price adjustments shall be permitted.

Failure of the successful bidder to have the material specified available upon such notice at the plant location which the bidder so indicates on the Schedule of Prices" sheet shall be just cause for the cancellation of the award and the forfeiture of the proposal guaranty. The award will then be made to the next lowest responsible bidder.

#### FINE AGGREGATE FOR HOT- MIX ASPHALT (HMA) (D-1)

Effective: May 1, 2007 Revised: January 1, 2012

Revise Article 1003.03 (c) of the Standard Specifications to read

"(c) Gradation. The fine aggregate gradation for all LMA shall be FA1, FA 2, FA 20, FA 21 or FA 22. When Reclaimed Asphalt Pavement (RAP) is incorporated in the HMA design, the use of FA 21 Gradation will not be remitted

#### RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D-1)

Effective: November 1, 2012 Revise: November 1, 2013

Revise Section 1031 of the Standard Specifications to read.

### "SECTION 1031. RECLAIMED ASPHALT PAVELENT AND RECLAIMED ASPHALT SHINGLES

**1031.01 Description.** Reclaimed asphalt paw ment and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (AP) RAP is the material resulting from cold milling or crushing an existing hot-mix a chalt (HMA) pavement. RAP will be considered processed FRAP after completion of both crushing and screening to size. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal state, it local agency jurisdiction.
- (b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing no trincing of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in bareau of Materials and Physical Research Policy Memorandum "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Bureau of Materials and Physical Research approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 90 percent passing the #4 (4.75 mm) sieve. RAS shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.
  - (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
  - (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

**1031.02 Stockpiles.** RAP and RAS stockpiles shall be according to the following.

(a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. Additional processed RAP (FRAP) shall be stockpiled in a separate working pile, as designated in the QC Plan, and only added to the sealed stockpile when test results for the working pile are complete and are found to meet tolerances specified herein for the original sealed FRAP stockpile. Stockpiles shall be sufficiently separated to prevent intermingling at the base. All stockpiles (including unprocessed RAP and FRAP) shall be identified by signs indicating the type as listed below (i.e. "Non- Quality, FRAP -#4 or Type 2 RAS", etc...).

- (1) Fractionated RAP (FRAP). FRAP shall consist of R.P. nam Class I, Superpave HMA (High and Low ESAL) or equivalent mixtures. The paise aggregate in FRAP shall be crushed aggregate and may represent in the paise aggregate type and/or quality but shall be at least C quality. All FRAP shall be processed prior to testing and sized into fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Academerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass the maximum sieve size specified for the mix the FRAP will be used in
- (2) Restricted FRAP (B quality) stockples shall consist of RAP from Class I, Superpave (High ESAL), or HMA (High ESAL). If approved by the Engineer, the aggregate from a maximum 3.0 inch single co-bined pass of surface/binder milling will be classified as B quality. All millings from this application will be processed into FRAP as described previously.
- (3) Conglomerate Con lomerate RAP stockpiles shall consist of RAP from Class I, Superpave H (A) (Hi) h and Low ESAL) or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsist at gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed (FRAP) prior to testing. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from HMA shoulders, bituminous stabilized subbases or Superpave (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".
- RAP or FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, plant cleanout etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.
- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall be sufficiently separated to prevent intermingling at the base. Each stockpile shall be signed indicating what type of RAS is present.

However, a RAS source may submit a written request to the Department for approval to blend mechanically a specified ratio of type 1 RAS with type 2 RAS. The source will not be permitted to change the ratio of the blend without the Department prior written approval. The Engineer's written approval will be required to need anically blend RAS with any fine aggregate produced under the AGCS, p to an equal weight of RAS, to improve workability. The fine aggregate shall be "B sually or better from an approved Aggregate Gradation Control System source. The fine aggregate shall be one that is approved for use in the HMA mixture and accounted for in the mix design and during HMA production.

Records identifying the shingle processing a cincumplying the RAS, RAS type and lot number shall be maintained by project contact number and kept for a minimum of three years.

1031.03 Testing. FRAP and RAS testing shall be according to the following.

- (a) FRAP Testing. When used in HMA, the FRAP shall be sampled and tested either during processing or after stockpiling. It shall also be sampled during HMA production.
  - (1) During Stackpiling For testing during stockpiling, washed extraction samples shall be not the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 ons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).
  - (2) Incoming Material. For testing as incoming material, washed extraction samples shall be run at a minimum frequency of one sample per 2000 tons (1800 metric tons) or once per week, whichever comes first.
  - (3) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Before extraction, each field sample of FRAP, shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS shall be sampled and tested during stockpiling according to Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". The Contractor shall also sample as incoming material at the HMA plant.

- (1) During Stockpiling. Washed extraction and testing for unacceptable materials shall be run at the minimum frequency of opsample per 200 tons ns) and one sample per (180 metric tons) for the first 1000 tons (900 metric 1000 tons (900 metric tons) thereafter. A minimum of the samples are required Once a ≤ 1000 ton for stockpiles less than 1000 tons (900 p be n established it shall be (900 metric ton), five-sample/test stockpile sag sealed. Additional incoming RAS shall be separate working pile as designated in the Quality Control planted only dded to the sealed stockpile when the test results of the working ale complete and are found to meet the tolerances specified herein for the original seared RAS stockpile.
- (2) Incoming Material. For testing as inc ming material at the HMA plant, washed extraction shall be run at the kinimum frequency of one sample per 250 tons (227 metric tons). A matimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). The incoming material test results shall meet the tolerances specified hereix.

The Contractor shall obtain and make available all test results from start of the initial stockpile sampled and tested at the shingle processing facility in accordance with the facility's QC Plan.

Before extraction, each field sample shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department u.s. The Contractor shall extract the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

1031.04 Evaluation of Tests. Evaluation of tests results shall be according to the following.

(a) Evaluation of FRAP Test Results. All test results shall be compiled to include asphalt binder content, gradation and, when applicable (for slag), G<sub>mm</sub>. A five test average of results from the original pile will be used in the mix designs. Individual extraction test results run thereafter, shall be compared to the average used for the mix design, and will be accepted if within the tolerances listed below.

Parameter	FRAP
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 30 (600 μm)	± 5 %
No. 200 (75 μm)	± 2.0 %
Asphalt Binder	± 0.3 %
G <sub>mm</sub>	± 0.03 <sup>1/</sup>

1/ For stockpile with slag or steel slag present as determined in the current Manual of Test Procedures Appendix B 21, "Determination of Reclaimed Asphalt Revement Aggregate Bulk Specific Gravity".

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the prix lesign, the FRAP stockpile shall not be used in Hot-Mix Asphalt unless the FRAP appearanting those tests is removed from the stockpile. All test data and acceptance range, shall be sent to the District for evaluation.

The Contractor shall maintain a representative moving average of five tests to be used for Hot-Mix Asphalt production.

With the approval of the Engineer the ignition oven may be substituted for extractions according to the Illinois T at Procedure, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaims Asphalt Pavement (RAP)" or Illinois Modified AASHTO T-164-11, Test Method

(b) Evaluation of RAS Test R sults. All of the test results, with the exception of percent unacceptable in ten le shall be compiled and averaged for asphalt binder content and gradation. The test average of results from the original pile will be used in the mix designs. Individual test results run thereafter, when compared to the average used for the mix design, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 μm)	± 2.5 %
Asphalt Binder Content	± 2.0 %

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the RAS shall not be used in Hot-Mix Asphalt unless the RAS representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

(c) Quality Assurance by the Engineer. The Engineer may witness the sampling and splitting conduct assurance tests on split samples taken by the Contractor for quality control testing a minimum of once a month.

The overall testing frequency will be performed over the entire range of Contractor samples for asphalt binder content and gradation. The Engineer may select any or all split samples for assurance testing. The test results will be made available to the Contractor as soon as they become available.

The Engineer will notify the Contractor of observed deficiencies

Differences between the Contractor's and the Engineer's split sample test results will be considered acceptable if within the following limits.

Test Parameter	Acceptable Limits of Precision		
% Passing: <sup>1/</sup>	FRAP	RAS	
1 / 2 in.	5.0%		
No. 4	5.0%		
No. 8	3.0%	4.0%	
No. 30	2.0%	3.0%	
No. 200	2.2%	2.5%	
Asphalt Binder So tent	0.3%	1.0%	
G <sub>mm</sub>	0.030		

1/ Rased on washed extraction.

In the ever comparisons are outside the above acceptable limits of precision, the Engineer will amediately investigate.

(d) Acceptance by the Engineer. Acceptable of the material will be based on the validation of the Contractor's quality control by the assurance process.

#### 1031.05 Quality Designation of Aggregate in RAP and FRAP.

- (a) RAP. The aggregate quality of the RAP for homogenous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.
  - (1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
  - (2) RAP from Superpave/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.
  - (3) RAP from Class I, Superpave/HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.
  - (4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

Fractionated RAP If the quality is not known, the quality shall be determined a following ag rega e shall have a maximum stockpiles containing plus #4 (4.75 mm) sieve coarse or shall obtain a representative tonnage of 5,000 tons (4,500 metric tons). The Contag sample witnessed by the Engineer. The sample shan be minimum of 50 lb (25 kg). linois Modified AASHTO T 164 by a The sample shall be extracted according consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Congac ar. The District will forward the sample to the BMPR Aggregate Lab for McroDev I Testing, according to Illinois Modified of AASHTO T 327. A maximum loss 15.0 percent will be applied for all HMA applications. The fine aggregate portion of the fractionated RAP shall not be used in any HMA mixtures that require a minin um of "B" quality aggregate or better, until the coarse aggregate fraction has be in determined to be acceptable thru a MicroDeval Testing.

**1031.06 Use of FRAP and/or RAS in HMA.** The use of FRAP and/or RAS shall be a Contractor's option when constructing HMA in all contracts.

- (a) FRAP. The use of RAP in HMA shall be as follows.
  - (1) Coarse A gregate Size (after extraction). The coarse aggregate in all FRAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
  - (2) Steel Slag Stockpiles. FRAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in HMA (High ESAL and Low ESAL) mixtures regardless of lift or mix type.
  - (3) Use in HMA Surface Mixtures (High and Low ESAL). FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall have coarse aggregate that is Class B quality or better. FRAP shall be considered equivalent to limestone for frictional considerations unless produced/screened to minus 3/8 inch.
  - (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP in which the coarse aggregate is Class C quality or better.
  - (5) Use in Shoulders and Subbase. FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, Restricted FRAP, conglomerate, or conglomerate DQ.

- (b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.
- (c) FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAL may be used alone or in conjunction with FRAP in HMA mixtures up to a maximum of 10% by weight of the total mix.

When FRAP, RAS or FRAP in conjunction whe RAS sused, the percent of virgin asphalt binder replacement (ABR) shall not exceed the amounts indicated in the table below for a given N Design.

Max Asphalt Binder Replace nent for FRAP with RAS Combination

HMA Mixtures 1/2/4/	Ma	Maximum % ABR			
Ndesign	Bin 'er/Leveling Binder	Surface	Polymer Modified 3/		
30L	50	40	30		
5	40	35	30		
0	40	30	30		
19	40	30	30		
4 75 km N-50 SMA-N-80			40		
SIMAN-80			30		

- 1/ For HMA "All Other" (shoulder and stabilized subbase) N-30, the percent asphalt binder replacement shall not exceed 50% of the total asphalt binder in the mixture.
- 2/ When the binder replacement exceeds 15 percent for all mixes, except for SMA and IL-4.75, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent binder replacement using a virgin asphalt binder grade of PG64-22 will be reduced to a PG58-28). When constructing full depth HMA and the ABR is less than 15 percent, the required virgin asphalt binder grade shall be PG64-28.
- 3/ When the ABR for SMA or IL-4.75 is 15 percent or less, the required virgin asphalt binder shall be SBS PG76-22 and the elastic recovery shall be a minimum of 80. When the ABR for SMA or IL-4.75 exceeds 15%, the virgin asphalt binder grade shall be SBS PG70-28 and the elastic recovery shall be a minimum of 80.
- 4/ When FRAP or RAS is used alone, the maximum percent asphalt binder replacement designated on the table shall be reduced by 10%.

**1031.07 HMA Mix Designs.** At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

- (a) FRAP and/or RAS. FRAP and /or RAS mix designs shall be submitted for verification. If additional FRAP or RAS stockpiles are tested and found to be within tolerance, as defined under "Evaluation of Tests" herein, and meet all requirements herein, the additional FRAP or RAS stockpiles may be used in the original design at the percent previously verified.
- (b) RAS. Type 1 and Type 2 RAS are not interchal geable in a mix design. A RAS stone bulk specific gravity (Gsb) of 2.500 shall be sed or mix design purposes.

1031.08 HMA Production. HMA product on utilizing FRAP and/or RAS shall be as follows.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAS and FRAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If during mix production, corrective actions fail to maintain FRAP, RAS or QC/QA test results within control tolerance, of the equirements listed herein the Contractor shall cease production of the mixture containing FRAP or RAS and conduct an investigation that may require a new mix design.

- (a) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.
- (b) HMA Plant Requirements. HMA plants utilizing FRAP and/or RAS shall be capable of automatically recording and printing the following information.
  - (1) Dryer Drum Plants.
    - a. Date, month, year, and time to the nearest minute for each print.
    - b. HMA mix number assigned by the Department.
    - c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

- d. Accumulated dry weight of RAS and FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons) etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters) tors (metric tons), etc. to the nearest 0.1 unit.
- g. Residual asphalt binder in the RAS at FRAP material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate RAS and FRAP moistur compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAS and FRAP are printed in wat condition.)
- i. When producing mutures with FRAP and/or RAS, a positive dust control system shall be utilized.
- i. Accumula ed mixture tonnage.
- k. De Remixed (accumulated to the nearest 0.1 ton)

#### (2) Batch Plant

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- d. Mineral filler weight to the nearest pound (kilogram).
- f. RAS and FRAP weight to the nearest pound (kilogram).
- g. Virgin asphalt binder weight to the nearest pound (kilogram).
- h. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

**1031.09 RAP in Aggregate Surface Course and Aggregate Shoulders.** The use of RAP or FRAP in aggregate surface course and aggregate shoulders shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used to construct aggregate surface course and aggregate shoulders shall be according to the current Bureau of Materials and Presidal Research's Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) or Aggregate Applications"
- (b) Gradation. One hundred percent of the RAP interial shall pass the 1 1/2 in. (37.5mm) sieve. The RAP material shall be reason ply yell graded from coarse to fine. RAP material that is gap-graded, FRAP, or singly sized will not be accepted for use as Aggregate Surface Course and Aggregate Suppliers."

#### Material Proposal Schedule of Prices

Group No.	Items	Delivery	Unit	Quantity	Unit Price	Total
1	Hot-Mix Asphalt Surface Course					
	IL 9.5, N50	F.O.B. Plant	Ton	1000.00		
				. <		
				X		
		1				
	DI ANTI OCATIONI					
	PLANT LOCATION:					
			+			
						<del> </del>
		- X				
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		/				
			1			

The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid rotating.

	Signature of B	idder	
 	Address		