



Illinois Department of Transportation

Local Public Agency
Material Proposal or
Deliver & Install Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF DeKalb
Various
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
 STREET NAME OR ROUTE NO. Various
 SECTION NO. 2017 Pavement Markings
 TYPES OF FUNDS MFT & Local

- MATERIAL PROPOSAL DELIVER & INSTALL PROPOSAL
 SPECIFICATIONS (required) PLANS (if applicable)

For Municipal Projects
 Submitted/Approved/Passed

Mayor President of Board of Trustees Municipal Official

Date

Department of Transportation
 Released for bid based on limited review

Brian Haubler
 Regional Engineer

2/7/17
 Date

For County and Road District Projects
 Submitted/Approved

Highway Commissioner

Date

[Signature]
 Submitted/Approved

County Engineer/Superintendent of Highways

1-31-17
 Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County DeKalb
Local Public Agency Various
Section Number 2017 Pav't Markings
Route Various

Sealed proposals for the furnishing or delivering & installing materials required in the construction/maintenance of the above Section will be received and at that time publicly opened and read at the office of the DeKalb County Engineer,

1826 Barber Greene Road, DeKalb, IL 60115 until 8:30 AM on March 1, 2017
Address Time Date

- 1. Plans and proposal forms will be available in the office of the DeKalb County Engineer 1826 Barber Greene Road, DeKalb, IL 60115
2. [X] Prequalification. If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Material Proposals.
4. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Material Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty.
5. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. 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 just cause to forfeit his surety as provided in Article 108.10 of the Standard Specifications.
6. Proposals shall be submitted on forms furnished by the Awarding Authority and shall be enclosed in an envelope endorsed "Material Proposal, Section 2017 Pavement Marking".

By Order of DeKalb County Board 01/19/2017 Nathan F. Schwartz, P.E.
(Awarding Authority) Date (County Engineer/Superintendent of Highways/Municipal Clerk)

Material Proposal or Deliver & Install Proposal

To DeKalb County Board
(Awarding Authority)

If this bid is accepted within 45 days from date of opening, the undersigned agrees to furnish or to deliver & install any or all of the materials, at the quoted unit prices, subject to the following:

- 1. It is understood and agreed that the "Standard Specifications for Road and Bridge Construction", adopted April 1, 2016, and the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2017, 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. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

Discounts will be allowed for payment as follows: 0 % 0 calendar days: 0 % 0 calendar days.

Discounts will not be considered in determining the low bidder.

Bidder _____

By _____ (Signature)

Address _____

Title _____



Apprenticeship or Training Program Certification

Return with Bid

Route Various
County DeKalb
Local Agency Various
Section 2017 Pav't Markings

All contractors are required to complete the following certification:

- For this contract proposal or for all groups in this deliver and install proposal.
For the following deliver and install groups in this material proposal:

Blank lines for listing deliver and install groups.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

Blank lines for listing program sponsors and subcontracted work.

IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership.

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: _____

By: _____

(Signature)

Address: _____

Title: _____



Affidavit of Illinois Business Office

County DeKalb
Local Public Agency Various
Section Number 2017 Pav't Markings
Route Various

State of _____)
) ss.
County of _____)

I, _____ of _____, _____,
(Name of Affiant) (City of Affiant) (State of Affiant)

being first duly sworn upon oath, states as follows:

- 1. That I am the _____ of _____ bidder.
officer or position
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, _____, will maintain a
(bidder)
business office in the State of Illinois which will be located in _____ County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the
construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois
Procurement Code.

(Signature)

(Print Name of Affiant)

This instrument was acknowledged before me on _____ day of _____, _____.

(SEAL)

(Signature of Notary Public)



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability For the Letting of 3/1/2017

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	Awards Pending	
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me
 this _____ day of _____, _____ Type or Print Name _____
 Officer or Director Title

Signed _____

 Notary Public

My commission expires _____

(Notary Seal)

Company _____

Address _____

Special Provisions

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of 2017 Pavement Markings, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

DESCRIPTION OF WORK The work of this section shall consist of furnishing and applying yellow and white paint pavement markings in accordance with Section 780 of the Standard Specifications.

MATERIALS The yellow and white marking paint shall comply with Article 1095.02 of the Standard Specifications - Paint Pavement Markings.

The glass beads shall comply with Article 1095.07 of the Standard Specifications - Glass Beads for Pavement Marking except that the beads shall be Type B.

Delivery – The separately bid yellow & white latex marking paint and the pallet of beads shall be delivered in sealed five gallon buckets (paint) and sealed bags (beads) to the County Highway Department at 1826 Barber Greene Road, DeKalb, IL 60115.

The paint and glass beads shall be delivered before June 1, 2017

WORK The Contractor shall provide all materials, equipment, and labor necessary to complete the work specified in this proposal.

The Contractor shall provide for all materials to be State of Illinois inspected and approved, and shall use equipment approved by the DeKalb County Highway Department. The lines to be painted shall be compatible with the existing painted lines.

All pavement lines shall be 4" wide and straight, and comply with Section 780 of the Standard Specifications.

Pay for dash centerline shall be by the gallon of paint placed per centerline mile (.25 mile for each road mile painted x flow rate per mile) only where dash centerline is painted. Pay for no passing zones shall be by the gallon of paint placed per lane mile (1 mile x flow rate per mile) of each directional lane. Pay for the white solid edgeline shall be by the gallon of paint placed per lane mile (1 mile x flow rate per mile) for each directional lane. Glass Beads will be paid for at the rate of 6 pounds per gallon of paint placed. See the striping data sheets and the location maps for the areas to be striped under this contract.

LAYOUT All roads are to be re-painted using the same limits of painting as are currently on the roads. All no passing zones are marked. On roads with existing striping, the Contractor shall use the Do Not Pass signs to begin the no passing zone and the previous existing no passing zone line to end the new line. On roads with no existing striping, the County or Township will provide painted arrows in the appropriate lanes to mark the beginning and the ending of the no passing zones. On freshly seal-coated County Roads, the County will provide painted centerline marks at a maximum spacing of 300'. The Contractor's operator shall be capable of placing the new lines in an orderly manner, ie. straight lines, without any further assistance from the County.

It shall be the Contractor's responsibility to provide straight line(s) in all cases.

County Roads: **Glidden Road** @ Bethany Road & the County Nursing Home, **Coltonville Road**, **Rich Road**, & **North First Street** @ their respective intersections, **Peace Road** between Freed Rd. and Rt. 64, **Barber Greene Road** on both sides of Peace & west to Rt. 23, **East County Line Road** from Rt. 38 to Maple Park, and **Somonauk Road** south of Rt. 38, & south of Rt. 30 contain turn lane medians with double 4" yellow lines. These lines shall be striped by the Contractor and

are included in the pay quantities for solid yellow lines. The 8" diagonal yellow median lines and the 8" white lane lines are not included in this proposal and will be painted by the County/City using their own forces.

TIME The work shall be completed prior to September 29, 2017. The Contractor shall schedule his work so that all sections of highways included in this contract which are to be resurfaced or seal coated this summer are painted after the construction projects are completed, except those completed after September 29, 2017.

No striping shall be applied prior to August 7, 2017. The Contractor may paint all but the roads scheduled by the County or Townships to be resurfaced or seal coated any time after August 7th and come back later to paint the roads that have been resurfaced or sealed, or he may elect to wait and paint all the roads later, but still prior to September 29, 2017.

TRAFFIC CONTROL AND DRYING PROTECTION The Contractor shall be responsible for and provide adequate traffic control and drying protection (**cones will be required on centerline striping until the paint is sufficiently dried to prevent tracking**) according to the standards included in this contract. The cost of any and all traffic control required by these special provisions and the standards included in this proposal shall be considered incidental to the contract.

APPLICATION RATES The dash yellow centerline shall be applied at the minimum rate of 4 gallons per centerline mile and the glass beads shall be applied at the rate of 6 pounds per gallon of paint (24 pounds per centerline mile).

The solid yellow no passing lines and white edgelines shall be applied at the minimum rate of 16 gallons per lane mile with glass beads applied at the rate of 6 pounds per gallon of paint (96 pounds per lane mile)

PREVAILING WAGE The Contractor shall pay prevailing wage to employees on this project. The Contractor shall be responsible for obtaining the applicable monthly rate sheet from the Illinois Department of Labor. These sheets are also available at the DeKalb County Clerk's office or off the Internet:

<http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevailing-wage-rates.aspx>

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH (Miles)	SOLID (Miles)	DASH (Miles)	EDGE (Miles)
<u>DeKalb County</u>				
Kirkland Road (Boone County Line to Rt. 72)	4.04	4.20	0.00	10.86
Cherry Valley Road (Boone County Line to Genoa Rd.)	6.69	3.37	0.00	14.52
Stone Quarry Road (Boone County Line to Cherry Valley Rd.)	0.27	0.53	0.00	0.82
Genoa Road (Boone County Line to Genoa City Limits)	4.80	3.77	0.00	9.73
North State Road (McHenry County Line to Genoa City Limits)	3.56	0.54	0.00	7.12
Glidden Road (Route 64 to Rourte 72)	6.04	3.79	0.00	12.96
Glidden Road (Rt. 64 to Dresser Rd.including medians @ Bethany & N.Home)	2.46	3.60	0.00	7.50
Five Points Road (Cherry Valley Rd. to Rt. 72)	1.82	1.12	0.00	3.68
Malta Road (Rt. 72 to Rt. 64)	6.24	4.60	0.00	14.68
Lindenwood Road (Ogle County Line to Esmond Rd.)	0.25	0.00	0.00	0.50
Esmond Road (Lindenwood Rd. to Old State Rd.)	0.28	0.00	0.00	0.56
Old State Road (Esmond Rd. to Malta Rd.[South])	3.26	0.64	0.00	6.70
Old State Road (Malta Rd.[North] to Rt. 64)	8.15	3.28	0.00	15.22
Plank Road (Rt. 23 to Lindgren Rd/North Grove Rd)	0.00	0.00	0.00	0.00
Plank Road (Lindgren Road/North Grove Rd to Kane County Line)	3.47	2.51	0.00	7.87
Malta Road (Rt. 64 to Rt. 38)	4.49	1.01	0.00	8.98
North First Street (Old State Rd. to Rich/Coltonville Rd. including median)	1.66	1.29	0.00	4.25
Peace Road (Rt 64 east to Rt. 23/Plank - Frantum int. + medians)	1.25	4.20	0.00	4.89

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH	SOLID	DASH	EDGE
<u>DeKalb County (Continued)</u>				
Rich Road (Glidden Rd. to North First St.including median @ N. 1st)	1.63	1.30	0.00	3.78
Coltonville Road (North First St.to Stonehenge Dr.including median @ N.1st)	0.55	1.05	0.00	1.44
Barber Greene Road (Rt. 23 to Somonauk Rd. including medians @ Peace Rd.)	1.43	3.14	0.00	3.74
Peace Road (Pleasant St. to Bethany Road)	0.00	0.00	0.00	0.00
Peace Road (Rt. 64 to Rt. 23)	0.00	3.28	1.64	1.64
Peace Road (Bethany Road to IL Route 23)	0.00	2.84	1.86	1.85
Somonauk Road (Bethany Rd. to North St. including median @ Stonegate)	0.00	0.00	0.00	0.00
East County Line Road (Rt. 64 to RR Tracks in Maple Park)	0.00	0.00	0.00	0.00
East County Line Road (Route 38 north to RR Tracks)	0.74	1.11	0.00	0.85
Shabbona Road (Rt. 30 to 2nd Street)	0.00	0.00	0.00	0.00
2nd Street (Shabbona Road to Rt. 38)	0.73	0.07	0.00	1.29
Somonauk Road (Rt.38 to Perry Road, including the median @ Rt. 38, excluding the Waste Management Entrance project)	3.72	3.68	0.00	8.50
South First Street (1,147' north of Gurler Road to Perry Road)	3.29	1.75	0.00	7.05
Perry Road (West County Line Rd. to Route 23)	9.46	2.70	0.00	19.50
Perry Road (Route 23 to East County Line Rd.)	7.24	3.70	0.00	15.64
Waterman Road (Perry Rd. to Duffy Rd.)	4.33	3.20	0.00	9.84
Somonauk Road (Perry Rd. to Rt. 30)	5.10	3.01	0.00	11.72
Lee Road (West County Line Rd. to Shabbona Rd.)	2.85	0.43	0.00	5.70

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH	SOLID	DASH	EDGE
<u>DeKalb County (Continued)</u>				
West County Line Road (Lee Rd. to Rt. 30)	1.98	0.63	0.00	4.00
Shabbona Road (Rt .30 to Chicago Rd.[east])	3.20	6.96	0.00	9.50
Somonauk Road (Rt. 30 to Rt. 34 including medians @ Rt. 30)	8.45	3.87	0.00	18.62
Chicago Road (Lee Co. Line to Shabbona/Chicago intersection)	2.95	2.34	0.00	6.50
Chicago Road (Shabbona Rd. to 350 ft east of Maplewood Road)	6.75	3.29	0.00	14.88
Chicago Road (350 ft east of Maplewood Road to Somonauk Rd.)	0.00	0.00	0.00	0.00
Rollo Road (Chicago Rd. to Suydam Rd.)	1.24	0.50	0.00	2.48
Suydam Road (LaSalle County Line north & east to Rt. 23)	10.24	4.36	0.00	22.58
Suydam Road (Rt. 23 to Somonauk Rd.)	4.41	1.27	0.00	9.24
Suydam Road (Somonauk Rd. to 400' west of Gletty Rd.)	1.32	1.07	0.00	3.04
Leland Road (Suydam Rd. to LaSalle County Line)	2.02	0.24	0.00	4.04
TOTAL MILES PAINT - COUNTY	142.36	94.24	3.50	318.26

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH (Miles)	SOLID (Miles)	DASH (Miles)	EDGE (Miles)
<u>Afton Twp</u> None Requested	0.00	0.00		0.00
<u>Clinton Twp</u> None Requested	0.00	0.00		0.00
<u>Cortland Twp</u> Lovell Road (Barber Greene Road to Old State Road)	1.88	0.79		0.00
<u>DeKalb Twp</u> none requested	0.00	0.00		0.00

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH	SOLID	DASH	EDGE
<u>Franklin Twp</u>				
Fairdale Road (Quarry Road to RR tracks south of Fairdale)	0.56	0.78		1.50
Irene Road (Route 72 to County Line)	2.62	3.12		0.00
<u>Genoa Twp</u>				
none requested	0.00	0.00		0.00
<u>Kingston Twp</u>				
Ault Road (Base Line Road to Maple Road)	0.98	0.57		0.00
Base Line Road (Ault Road to Lanan Road)	1.65	2.26		0.00
Base Line Road (Mayfield Township Line to Kishwaukee Bridge)	0.30	0.00		0.00
Ellwood Greens Road (Royal Oak Dr east to Genoa Township Line)	0.00	0.77		0.00
Five Points Road (Base Line Road to Kingston Village Limits)	1.39	1.85		0.00
Glidden Road (Cherry Valley Road to Boone County Line)	1.52	0.27		0.00
Kingston Road (Cherry Valley Road to Boone County Line)	1.68	0.21		0.00
Maple Road (Ault Road to Glidden Road)	1.08	2.18		0.00
Melms Road (Genoa Road to Jefferson Road)	2.35	0.49		0.00
Pleasant Hill Road (Base Line Road to Genoa Road)	2.94	2.55		0.00
Wolf Road (Five Points Road to Myelle Road)	2.94	1.72		0.00
<u>Malta Twp</u>				
South Malta Road (Second Street in Malta to DeKalb Township Line)	0.99	2.60		3.82
University Road (South Malta Road to Gurler Road)	1.86	1.05		4.17

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH	SOLID	DASH	EDGE
<u>Mayfield Twp</u>				
Baseline Road (Lanan Road to Sycamore Township Limit/1685' west of Kishwaukee Bridge)	2.39	2.50		0.00
Baseline Road (South Grove Township Line to Ault Road)	0.90	0.90		0.00
Pleasant Hill Road (North Grove Road to Baseline Road)	1.66	3.08		0.00
Five Points Road (Old State Road to Base Line Road - edge line in curves only)	3.07	5.81		1.77
<u>Milan Twp</u>				
University Road (Shabbona Township Line to Gurler Road)	6.02	0.94		12.04
<u>Paw Paw Twp</u>				
None Requested	0.00	0.00		0.00
<u>Pierce Twp</u>				
None Requested	0.00	0.00		0.00
<u>Sandwich Twp</u>				
Gletty Road (Sandwich City Limits to County Line Road)	0.50	0.11		1.00
East Sandwich Road (Chicago Road to Squaw Grove Township Line)	0.43	0.32		1.02
East Sandwich Road (Pratt Road to Coy Road)	1.44	0.96		3.25
<u>Shabbona Twp</u>				
University Road (north ROW of US Hwy 30 to Milan Township Line)	2.46	0.32		5.00
Lee Road (east ROW Shabbona Road to University Road)	1.50	1.07		3.17
<u>Somonauk Twp</u>				
County Line Road (US Highway 34 to Somonauk City Limit)	0.55	0.06		1.15
<u>South Grove Twp</u>				
Baseline Road (Malta Road to Mayfield Township Line)	1.44	1.56		3.41
<u>Squaw Grove Twp</u>				
Hinckley Road (Hinckley City Limits to Pierce Township Line)	1.85	0.62		0.00
East Sandwich Road (Sandwich Township Line to Hinckley City Limits)	3.00	3.11		0.00

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH	SOLID	DASH	EDGE
<u>Sycamore Twp</u>				
North Grove Road (Mayfield Township Line to Frantum Drive)	0.80	1.28		0.00
Moose Range Road (Baseline Road to Plank Road)	1.51	3.04		0.00
Lukens Road (Baseline Road to Plank Road)	1.35	3.18		0.00
Henderson Road (Swanson Road to Mt. Hunger Road)	0.69	1.29		0.00
Brickville Road (Peace Road to N Elementary School Trail & Freed Road to Pine Road)	0.20	0.55		0.71
Brickville Road (Peace Road to Motel Road)	0.17	0.76		0.95
Baseline Road (Mayfield Township Line to Illinois Highway 23)	1.42	0.72		2.56
<u>Victor Twp</u>				
None Requested	0.00	0.00		0.00

TOTAL MILES PAINT - TOWNSHIP	58.09	53.39	0.00	45.52
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MUNICIPALITIES

City of Sycamore

Borden Avenue (Foxpointe Drive to Park Avenue)	0.71	0.00	0.00	0.00
Somonauk Street (Bethany Road to Elm Street)	1.32	0.04	0.00	0.00
Lindgren Road (National Street to Approx. 1.3 miles East)	1.39	0.30	0.00	2.58
Coltonville Road (Croatian Court to West Stonehenge Drive)	0.00	1.26	0.48	1.18
North Grove Road (Illinois Highway 23 to Frantum Drive)	0.00	0.31	0.00	0.16
Mercantile Drive (Peace Road to Illinois Highway 23)	0.00	1.03	1.03	0.00

**2017 PAVEMENT MARKING
(Shown in Miles)**

	<u>YELLOW</u>		<u>WHITE</u>	
	DASH	SOLID	DASH	EDGE
Bethany Road (Peace Road to 450 ft east of Illinois Highway 23)	0.00	1.53	1.20	0.00
Bethany Road (Illinois Highway 23 to Approx. 1,500 ft West)	0.00	0.56	0.74	0.00
Brickville Road (Freed Road to N Elementary School Trail)	0.09	0.84	0.00	0.00
TOTAL MILES PAINT - CITY OF SYCAMORE	3.51	5.87	3.45	3.92

City of Sandwich

Gletty Road (U.S. Route 34 to Sandwich Township Line)	0.15	0.22		0.53
County Line Road (E2750th Road to Main Street)	1.51	0.00		3.02
Lions Road (Dayton Street to Millington Road)	0.53	0.00		1.06
Sandy Bluff Road (U.S Route 34 to Little Rock Township Line)	0.87	0.48		1.96
West Center Street (DeKalb County Line to Fairwind Boulevard)	0.10	0.23		0.44
TOTAL MILES PAINT - CITY OF SANDWICH	3.16	0.93	0.00	7.01

TOTAL MILES - CITY OF SYCAMORE	3.51	5.87	3.45	3.92
TOTAL MILES - CITY OF SANDWICH	3.16	0.93	0.00	7.01
TOTAL MILES - TOWNSHIPS	58.09	53.39	0	45.52
TOTAL MILES - COUNTY	<u>142.36</u>	<u>94.24</u>	<u>3.5</u>	<u>318.26</u>
TOTAL PAINT MILES	207.12	154.43	6.95	374.71

USE FOR COUNTY	142	94	4	318
USE FOR TOTAL	207	154	7	375

Total				
Gallons	879.75	2618	29.75	6375
Beads @ 6 lbs Per Gallon	59415	Use	59415 lb	
Yellow	3497.75	Use	3498 gal	
White	6404.75	Use	6405 gal	

County	142	94	4	318
Gallons	603.5	1598	17	5406
Beads @ 6 lbs Per Gallon	45747	Use	45747 lb	
Yellow	2201.5	Use	2202 gal	
White	5423	Use	5423 gal	

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2017

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 4-1-16) (Revised 1-1-17)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>		<u>Page No.</u>
106	Control of Materials	1
403	Bituminous Surface Treatment (Class A-1, A-2, A-3)	2
420	Portland Cement Concrete Pavement	3
502	Excavation for Structures	5
503	Concrete Structures	7
504	Precast Concrete Structures	10
542	Pipe Culverts	11
586	Sand Backfill for Vaulted Abutments	12
670	Engineer's Field Office and Laboratory	14
704	Temporary Concrete Barrier	15
888	Pedestrian Push-Button	17
1003	Fine Aggregates	18
1004	Coarse Aggregates	19
1006	Metals	21
1020	Portland Cement Concrete	22
1103	Portland Cement Concrete Equipment	24

Check Sheet for Recurring Special Provisions

Adopted January 1, 2017

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

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	26
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	29
3	<input type="checkbox"/> EEO	30
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	40
5	<input type="checkbox"/> Required Provisions - State Contracts	45
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	51
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal	52
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	53
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	54
10	<input type="checkbox"/> Construction Layout Stakes	57
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	60
12	<input type="checkbox"/> Subsealing of Concrete Pavements	62
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	66
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	68
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	69
16	<input type="checkbox"/> Polymer Concrete	70
17	<input type="checkbox"/> PVC Pipeliner	72
18	<input type="checkbox"/> Bicycle Racks	73
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	75
20	<input type="checkbox"/> Work Zone Public Information Signs	77
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	78
22	<input type="checkbox"/> English Substitution of Metric Bolts	79
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	80
24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	81
25	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	89
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	105
27	<input type="checkbox"/> Reserved	107
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment	108
29	<input type="checkbox"/> Preventive Maintenance - Cape Seal	114
30	<input type="checkbox"/> Preventive Maintenance - Micro-Surfacing	129
31	<input type="checkbox"/> Preventive Maintenance - Slurry Seal	140
32	<input type="checkbox"/> Temporary Raised Pavement Markers	149
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	150
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	153

**Check Sheet for
Local Roads and Streets Recurring Special Provisions**

Adopted January 1, 2017

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 Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	158
LRS 2	<input type="checkbox"/> Furnished Excavation	159
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	160
LRS 4	<input type="checkbox"/> Flaggers in Work Zones	161
LRS 5	<input checked="" type="checkbox"/> Contract Claims	162
LRS 6	<input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	163
LRS 7	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	169
LRS 8	Reserved	175
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	176
LRS 10	Reserved	177
LRS 11	<input checked="" type="checkbox"/> Employment Practices	150
LRS 12	<input type="checkbox"/> Wages of Employees on Public Works	152
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	154
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	155
LRS 15	<input checked="" type="checkbox"/> Partial Payments	158
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	159
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	160
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	161

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

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

DeKalb County, Cortland Township Road District, Franklin Township Road District, Kingston Township

Road District, Malta Township Road District, Mayfield Township Road District, Milan Township

Road District, Sandwich Township Road District, Shabbona Township Road District, Somonauk

Township Road District, South Grove Township Road District, Squaw Grove Township Road District,

Sycamore Township Road District, City of Sycamore, City of Sandwich

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

De Kalb County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng			
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====			
ASBESTOS ABT-GEN		BLD		31.790	32.790	1.5	1.5	2.0	8.420	15.17	0.000	0.800			
ASBESTOS ABT-MEC		BLD		36.340	38.840	1.5	1.5	2.0	11.47	10.96	0.000	0.720			
BOILERMAKER		BLD		47.070	51.300	2.0	2.0	2.0	6.970	18.13	0.000	0.400			
BRICK MASON		BLD		43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030			
CARPENTER		BLD		39.580	43.930	1.5	1.5	2.0	9.680	15.25	0.000	0.600			
CARPENTER		HWY		37.230	38.980	1.5	1.5	2.0	11.00	14.00	0.000	0.490			
CEMENT MASON		ALL		43.000	45.000	2.0	1.5	2.0	10.00	18.27	0.000	0.000			
CERAMIC TILE FNSHER		BLD		36.810	0.000	1.5	1.5	2.0	10.55	9.230	0.000	0.770			
COMMUNICATION TECH		BLD		36.440	40.080	1.5	1.5	2.0	10.39	12.09	0.000	0.760			
ELECTRIC PWR EQMT OP		ALL		37.890	51.480	1.5	1.5	2.0	5.000	11.75	0.000	0.380			
ELECTRIC PWR EQMT OP		HWY		39.220	53.290	1.5	1.5	2.0	5.000	12.17	0.000	0.390			
ELECTRIC PWR GRNDMAN		ALL		29.300	51.480	1.5	1.5	2.0	5.000	9.090	0.000	0.290			
ELECTRIC PWR GRNDMAN		HWY		30.330	53.290	1.5	1.5	2.0	5.000	9.400	0.000	0.300			
ELECTRIC PWR LINEMAN		ALL		45.360	51.480	1.5	1.5	2.0	5.000	14.06	0.000	0.450			
ELECTRIC PWR LINEMAN		HWY		46.950	53.290	1.5	1.5	2.0	5.000	14.56	0.000	0.470			
ELECTRIC PWR TRK DRV		ALL		30.340	51.480	1.5	1.5	2.0	5.000	9.400	0.000	0.300			
ELECTRIC PWR TRK DRV		HWY		31.400	53.290	1.5	1.5	2.0	5.000	9.730	0.000	0.310			
ELECTRICIAN		BLD		42.960	47.260	1.5	1.5	2.0	10.39	17.47	0.000	0.860			
ELEVATOR CONSTRUCTOR		BLD		46.830	52.680	2.0	2.0	2.0	13.57	14.51	3.770	0.600			
FENCE ERECTOR	SE	ALL		45.060	48.660	2.0	2.0	2.0	10.52	2.760	0.000	0.400			
GLAZIER		BLD		35.980	37.980	1.5	1.5	1.5	10.30	8.200	0.000	1.250			
HT/FROST INSULATOR		BLD		48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000	0.720			
IRON WORKER	NW	ALL		36.290	38.100	2.0	2.0	2.0	10.24	23.19	0.000	0.500			
IRON WORKER	SE	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700			
LABORER		BLD		31.790	32.790	1.5	1.5	2.0	8.420	15.17	0.000	0.800			
LABORER		HWY		34.340	35.090	1.5	1.5	2.0	8.420	17.42	0.000	0.800			
LABORER, SKILLED		HWY		36.990	37.740	1.5	1.5	2.0	8.420	17.42	0.000	0.800			
LATHER		BLD		39.580	43.930	1.5	1.5	2.0	9.680	15.25	0.000	0.600			
MACHINIST		BLD		45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850	0.000			
MARBLE MASON		BLD		43.030	47.330	1.5	1.5	2.0	10.05	14.10	0.000	0.780			
MATERIAL TESTER I		ALL		33.560	0.000	1.5	1.5	2.0	8.240	16.39	0.000	0.800			
MATERIALS TESTER II		ALL		33.560	0.000	1.5	1.5	2.0	8.240	16.39	0.000	0.800			
MILLWRIGHT		BLD		36.970	40.670	1.5	1.5	2.0	9.920	14.55	0.000	0.500			
OPERATING ENGINEER		BLD 1		43.800	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		BLD 2		43.100	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		BLD 3		40.650	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		BLD 4		38.650	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		BLD 5		47.550	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		BLD 6		46.800	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		BLD 7		43.800	47.800	2.0	2.0	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 1		43.650	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 2		43.100	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 3		41.800	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 4		40.350	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 5		38.900	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 6		46.650	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
OPERATING ENGINEER		HWY 7		44.650	47.650	1.5	1.5	2.0	17.55	11.80	2.350	1.300			
ORNAMNTL IRON WORKER	SE	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700			
PAINTER		ALL		41.730	43.730	1.5	1.5	1.5	10.30	8.200	0.000	1.350			
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000			
PILEDRIVER		BLD		40.080	44.490	1.5	1.5	2.0	9.680	15.25	0.000	0.600			
PILEDRIVER		HWY		37.230	38.980	1.5	1.5	2.0	11.00	14.00	0.000	0.490			
PIPEFITTER		BLD		46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.780			
PLASTERER		BLD		43.430	46.040	1.5	1.5	2.0	13.05	14.43	0.000	1.020			
PLUMBER		BLD		46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000	0.880			
ROOFER		BLD		41.000	44.000	1.5	1.5	2.0	8.280	10.54	0.000	0.530			
SHEETMETAL WORKER		BLD		37.930	40.210	1.5	1.5	2.0	6.000	16.92	0.520	0.290			
SPRINKLER FITTER		BLD		37.120	39.870	1.5	1.5	2.0	8.420	8.500	0.000	0.350			
STEEL ERECTOR	SE	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700			
STONE MASON		BLD		43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030			
SURVEY WORKER			-->NOT IN EFFECT			ALL	35.650	36.400	1.5	1.5	2.0	8.240	13.95	0.000	0.800
TERRAZZO FINISHER		BLD		38.040	0.000	1.5	1.5	2.0	10.55	11.22	0.000	0.720			
TERRAZZO MASON		BLD		41.880	44.880	1.5	1.5	2.0	10.55	12.51	0.000	0.940			
TILE LAYER		BLD		39.580	43.930	1.5	1.5	2.0	9.680	15.25	0.000	0.600			

TILE MASON	BLD	43.840	47.840	1.5	1.5	2.0	10.55	11.40	0.000	0.990
TRUCK DRIVER	ALL 1	35.600	35.800	1.5	1.5	1.5	8.250	9.140	0.000	0.150
TRUCK DRIVER	ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCKPOINTER	BLD	43.800	44.800	1.5	1.5	2.0	8.280	13.49	0.000	0.670

Legend: RG (Region)
 TYP (Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers)
 C (Class)
 Base (Base Wage Rate)
 FRMAN (Foreman Rate)
 M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)
 OSA (Overtime (OT) is required for every hour worked on Saturday)
 OSH (Overtime is required for every hour worked on Sunday and Holidays)
 H/W (Health & Welfare Insurance)
 Pensn (Pension)
 Vac (Vacation)
 Trng (Training)

Explanations

DEKALB COUNTY

IRONWORKERS (NORTHWEST) - That portion of the county from a point where the western county line intersects with Rt. 30, continuing eastward to Shabbona, north between Shabbona and Clare, and northeast between Clare and New Lebanon.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Installing, manufacturing, assembling and maintaining sound and

intercom, protection alarm (security), fire alarm, master antenna television, closed circuit television, low voltage control for computers and/or door monitoring, school communications systems, telephones and servicing of nurse and emergency calls, and the installation and maintenance of transmit and receive antennas, transmitters, receivers, and associated apparatus which operates in conjunction with above systems. All work associated with these system installations will be included EXCEPT the installation of protective metallic conduit in new construction projects (excluding less than ten-foot, runs strictly for protection of cable) and 120 volt AC (or higher) power wiring and associated hardware.

LABORER, SKILLED - HIGHWAY

Individuals engaged in the following types of work, irrespective of the site of the work: asbestos abatement worker, handling of any materials with any foreign matter harmful to skin or clothing, track laborer, cement handlers, chloride handlers, the unloading and loading with steel workers and re-bars, concrete workers wet, tunnel helpers in free air, batch dumpers, mason tenders, kettle and tar men, tank cleaners, plastic installers, scaffold workers, motorized buggies or motorized unit used for wet concrete or handling of building materials, laborers with de-watering systems, sewer workers plus depth, rod and chainmen with technical engineers, rod and chainmen with land surveyors, rod and chainmen with surveyors, vibrator operators, cement silica, clay, fly ash, lime and plasters, handlers (bulk or bag), cofferdam workers plus depth, on concrete paving, placing, cutting and tying of reinforcing, deck hand, dredge hand, and shore laborers, bankmen on floating plant, grade checker, power tools, front end man on chip spreaders, cession workers plus depth, gunnite nozzle men, lead man on sewer work, welders, cutters, burners and torchmen, chainsaw operators, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setter - street and highway, air tamping hammermen, signal man on crane, concrete saw operator, screedman on asphalt pavers, laborers tending masons with hot material or where foreign materials are used, mortar mixer operators, multiple concrete duct - leadsman, lumen, asphalt raker, curb asphalt machine operator, ready mix scalemen (permanent, portable or temporary plant), laborers handling masterplate or similar materials, laser beam operator, concrete burning machine operator, coring machine operator, plaster tender, underpinning and shoring of buildings, pump men, manhole and catch basin, dirt and stone tamper, hose men on concrete pumps, hazardous waste worker, lead base paint abatement worker, lining of pipe, refusing machine, assisting on direct boring machine, the work of laying watermain, fire hydrants, all mechanical joints to watermain work, sewer worker, and tapping water service and forced lift station mechanical worker.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEERS - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver (over 27E cu. ft.): Concrete Paver (27 cu. ft. and under); Concrete Placer; Concrete Pump (Truck Mounted); Concrete Conveyor (Truck Mounted); Concrete Tower; Cranes, All; GCI and similar types (required two operators only); Cranes, Hammerhead; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, one, two and three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment - excluding hose work and any sewer work); Locomotives, All; Lubrication Technician; Manipulators; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Raised and Blind Hole Drill; Rock Drill (self-propelled); Rock Drill - Truck Mounted; Roto Mill Grinder; Scoops - Tractor Drawn; Slipform Paver; Scrapers Prime Movers; Straddle Buggies; Tie Back Machine; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Bobcat (over 3/4 cu. yd.); Boilers; Brick Forklift; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rollers, All; Steam

Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Asphalt Spreader; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat Manual Controlled); Hydraulic Power Units (Pile Driving, Extracting, or Drilling - with a seat); Lowboys; Pumps, Over 3" (1 to 3 not to exceed total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcat (up to and including 3/4 cu. yd.).

Class 4. Elevator push button with automatic doors; Hoists, Inside; Oilers; Brick Forklift.

Class 5. Assistant Craft Foreman

Class 6. Mechanics; Welders.

Class 7. Gradall

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Silo Tender; Asphalt Spreader; Autograder; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Backhoe w/shear attachments; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower of all types; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Directional Boring Machine over 12"; Dredges; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Hydro Vac, Self Propelled, Truck Mounted (excluding hose work and any sewer work); Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; GCI Crane; Hydraulic Telescoping Form (Tunnel); Tie Back Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader with attached pusher; Tractor with Boom; Tractaire with Attachments; Traffic Barrier Conveyor Machine; Raised or Blind Hole Drills; Trenching Machine (over 12"); Truck Mounted Concrete Pump with Boom; Truck Mounted Concrete Conveyor; Work Boat (no license required - 90 h.p. or above); Underground Boring and/or Mining Machines; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw (large self-propelled - excluding walk-behinds and hand-held); Conveyor Muck Cars (Haglund or Similar Type); Drills, all; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro Blaster; All Locomotives, Dinky; Off-Road Hauling Units; Non-Self Loading Dump; Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Fireman on Boilers; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper - Form - Motor Driven.

Class 4. Air Compressor - Small and Large; Asphalt Spreader, Backend Man; Bobcat (Skid Steer) all; Brick Forklift; Combination - Small Equipment Operator; Directional Boring Machine up to 12"; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro-Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points;

Tractaire; Trencher 12" and under; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Oilers and Directional Boring Machine Locator.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters Unskilled dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

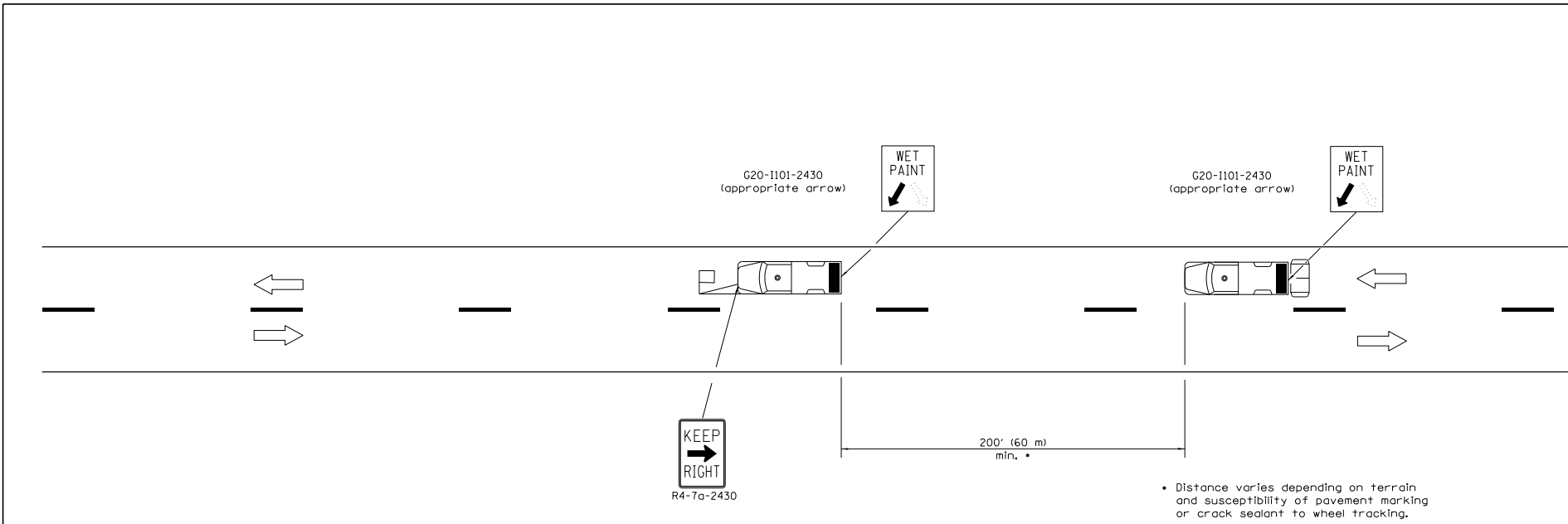
Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.







• Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Weed spraying
- Roadmeter measurements
- Debris cleanup
- Crack pouring

SYMBOLS

-  Arrow board (Hazard Mode only)
-  Truck with headlights, emergency flashers and flashing amber light. (visible from all directions)
-  18x18 (450x450) min. orange flag (use when guide wheel is used)
-  Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted Pass With Care sign.
1-1-00	Elim. speed restrictions in Standard title.

LANE CLOSURE 2L, 2W MOVING OPERATIONS—DAY ONLY

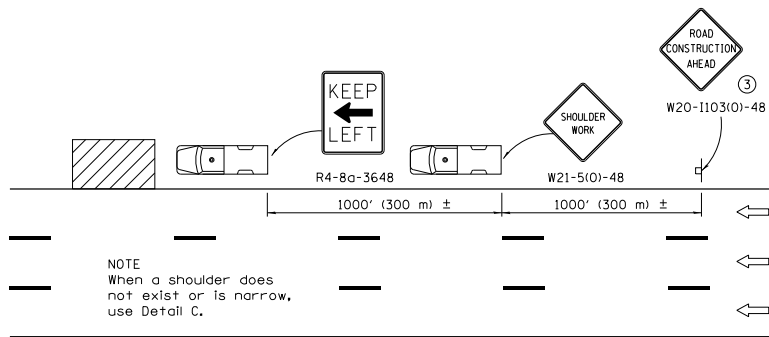
STANDARD 701311-03

Illinois Department of Transportation

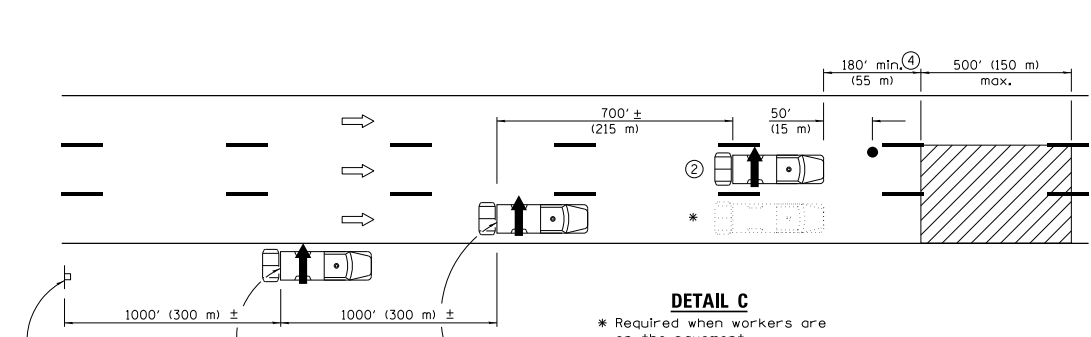
APPROVED January 1, 2009
ENGINEER OF OPERATIONS

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



DETAIL A

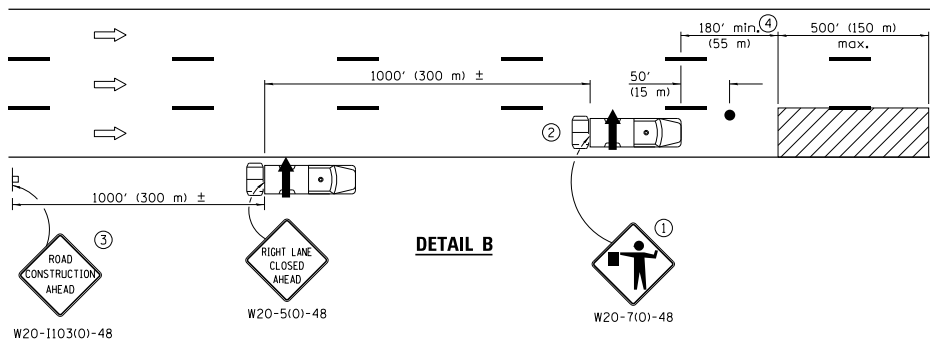


DETAIL C

* Required when workers are on the pavement.

TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Weed spraying
- Roadometer measurements
- Debris cleanup
- Crack pouring



DETAIL B

- ① Flagger is required when workers are on the pavement.
- ② For striping operations only. See sign arrow detail on this standard.
- ③ For stationary operations which are on the roadway or shoulder, greater than 15 minutes and up to 1 hour.
- ④ The distance between the work and the lead truck may vary according to terrain or paint/crack sealing drying time.



G20-1101-2430
(appropriate arrow)
② (when striping only)

SYMBOLS

- ↑ Arrow board
- ▨ Work area
- Truck with flashing amber light
- Truck/Trailer mounted attenuator
- Flagger with traffic control sign
- Sign

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require: 1) stationary operations up to 1 hour, or 2) a continuous or intermittent moving operation where the average speed of movement is greater than 1 mph (2 km/h).

This Standard is also applicable when work is being performed in the left lane(s) or on the median shoulder. Under these conditions, KEEP RIGHT signs shall be substituted for KEEP LEFT signs and arrow board indications shall be directed to the right.

All dimensions are in inches (millimeter) unless otherwise shown.

DATE	REVISIONS
4-1-16	Added trailer option for attenuator symbol. Added note ④. Revised gen. notes.
1-1-15	Added general note regarding vehicle spacing.
	Corr. KEEP LEFT sign no.

LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH

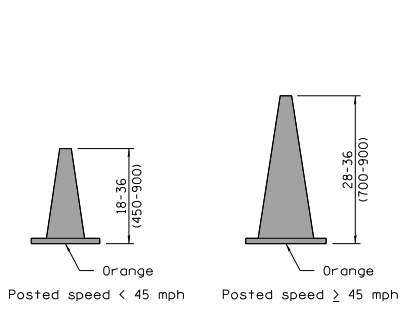
STANDARD 701426-08

Illinois Department of Transportation

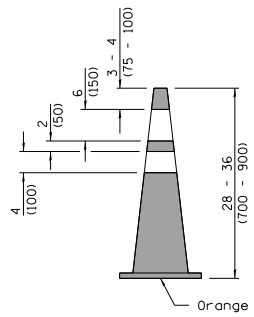
APPROVER: *[Signature]* April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED: *[Signature]* April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

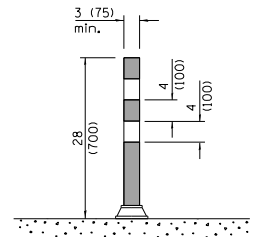
158155
46-1-1



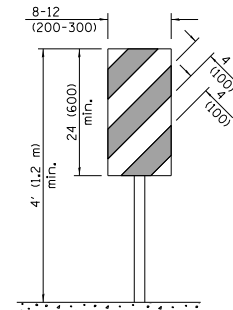
CONE FOR DAYTIME



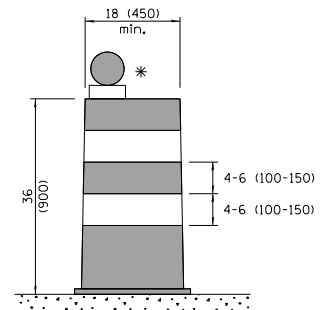
REFLECTORIZED CONE FOR NIGHTTIME



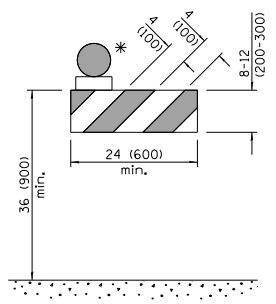
FLEXIBLE DELINEATOR



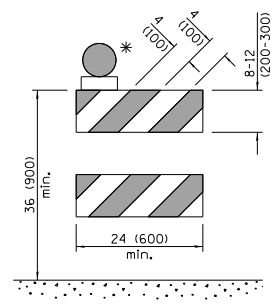
VERTICAL PANEL POST MOUNTED



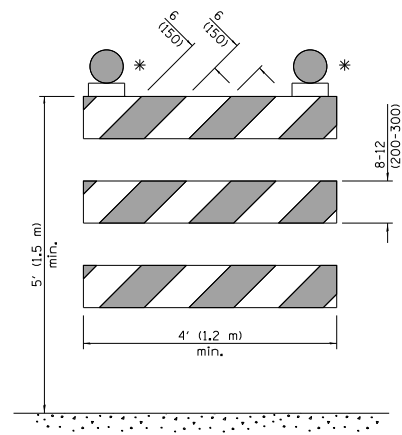
DRUM



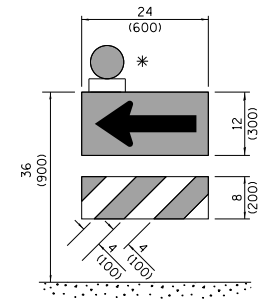
TYPE I BARRICADE



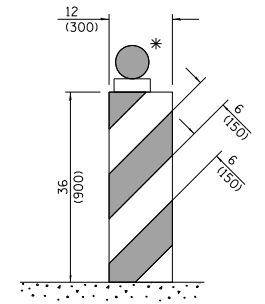
TYPE II BARRICADE



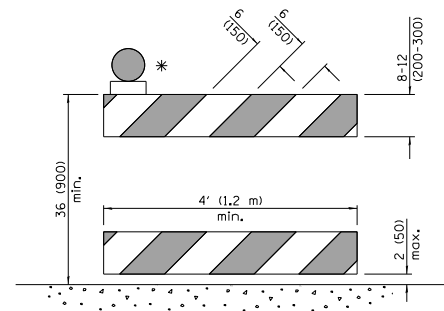
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED April 1, 2016
ENGINEER OF OPERATIONS

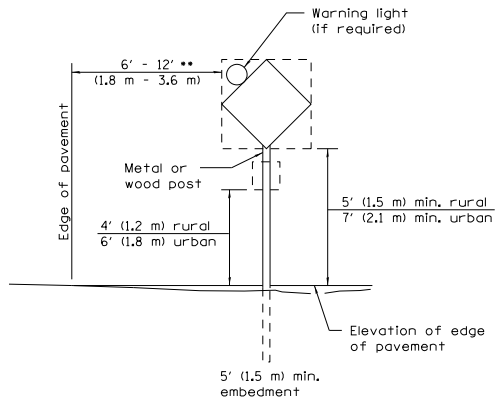
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
4-1-16	Add dim's to barricades. Rev. note for post mnt. signs.
	Rev. cone dtls. Add W12-1103.
1-1-15	Revised two sign numbers on sheet 2. Added note reg. PHOTO ENFORCED plaque.

TRAFFIC CONTROL DEVICES

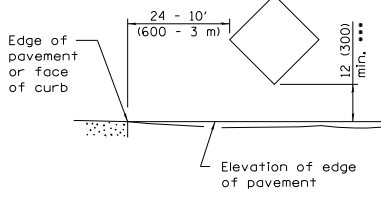
(Sheet 1 of 3)

STANDARD 701901-05



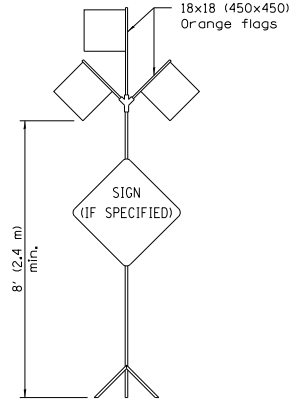
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT X MILES	END CONSTRUCTION
G20-1104(0)-6036	G20-1105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

WORK ZONE	W21-115(0)-3618
SPEED LIMIT XX	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618 ****
SXXX FINE MINIMUM	R2-1106p-3618

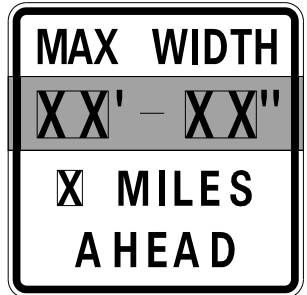
Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT	G20-1103(0)-6036
---------------------------------	------------------

This sign shall be used when the above sign assembly is used.

**HIGHWAY CONSTRUCTION
SPEED ZONE SIGNS**

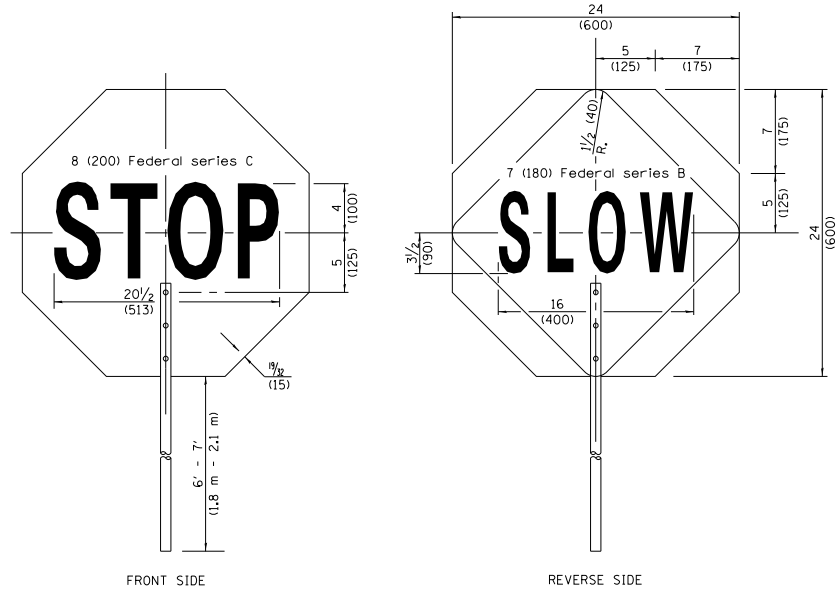
**** R10-1108p shall only be used along roadways under the jurisdiction of the State.



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX'' width and X miles are variable.



FRONT SIDE

REVERSE SIDE

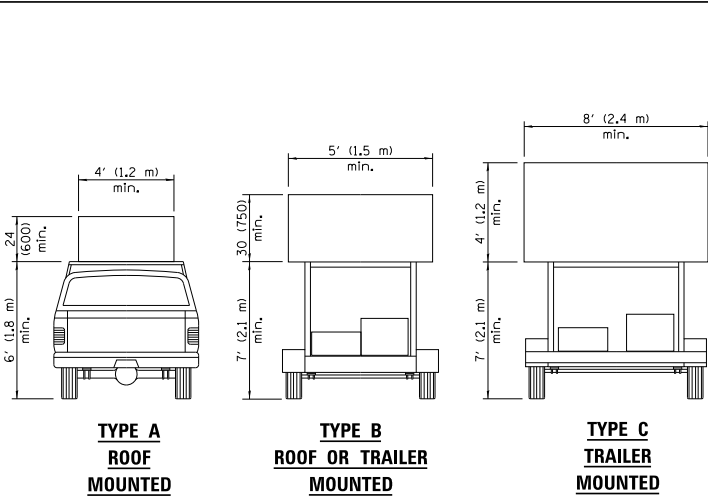
FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation	
APPROVED April 1, 2016	15855 48-1-1 48-1-1
ENGINEER OF OPERATIONS	
APPROVED April 1, 2016	
ENGINEER OF DESIGN AND ENVIRONMENT	

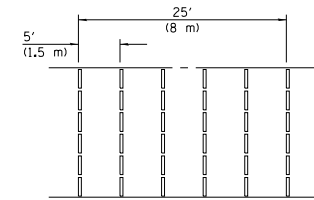
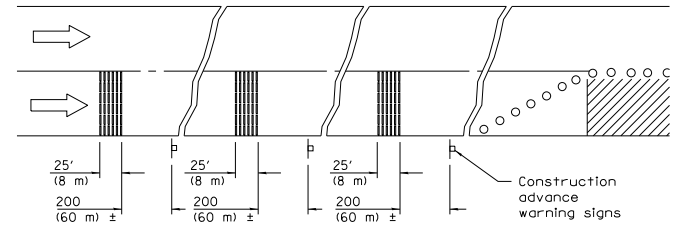
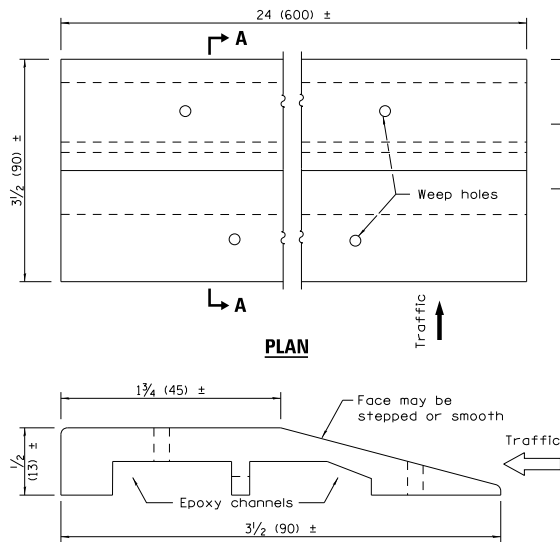
**TRAFFIC CONTROL
DEVICES**

(Sheet 2 of 3)

STANDARD 701901-05

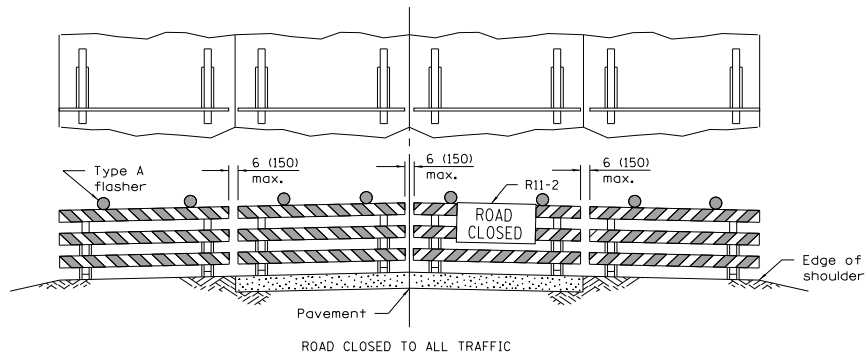


ARROW BOARDS

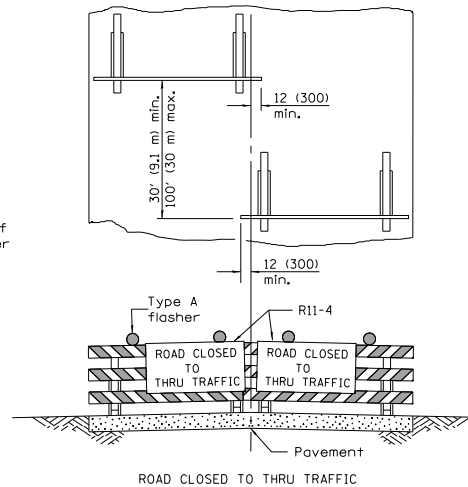


TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

**TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD**

**TRAFFIC CONTROL
DEVICES**

(Sheet 3 of 3)

STANDARD 701901-05

Illinois Department of Transportation

APPROVED April 1, 2016

ENGINEER OF OPERATIONS

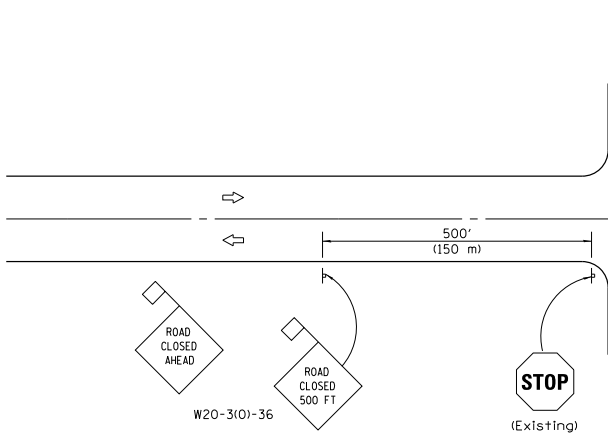
APPROVED April 1, 2016

ENGINEER OF DESIGN AND ENVIRONMENT

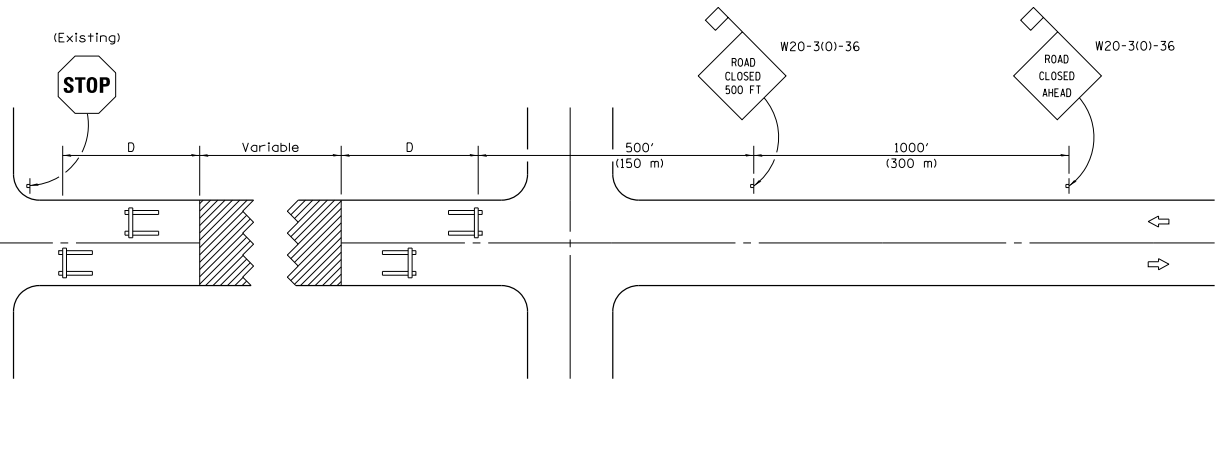
15855

46-1-1 03/05




CONDITION I
APPROACH TRAFFIC STOPPED



CONDITION II
APPROACH TRAFFIC DOES NOT STOP



SYMBOLS

-  Work area
-  Type III Barricade
-  Sign with 18x18 (450x450) min. orange flag attached

GENERAL NOTES

Type III Barricades and R11-4-6030 signs shall be positioned as shown in the "Road Closed To All Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' (600 m), an additional set of barricades and R11-4-6030 shall be placed at each end of the work area.

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area. One light shall be installed above each barricade. If only one barricade is required, the other light shall be installed above the first advance warning sign.

All warning signs shall have minimum dimensions of 36 x 36 (900 x 900) and have a black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

Longitudinal dimensions may be adjusted to fit field conditions.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-12	Omitted two notes from GENERAL NOTES.
1-1-09	Revised General Notes and switched units to English (metric).

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

STANDARD B.L.R. 22-7

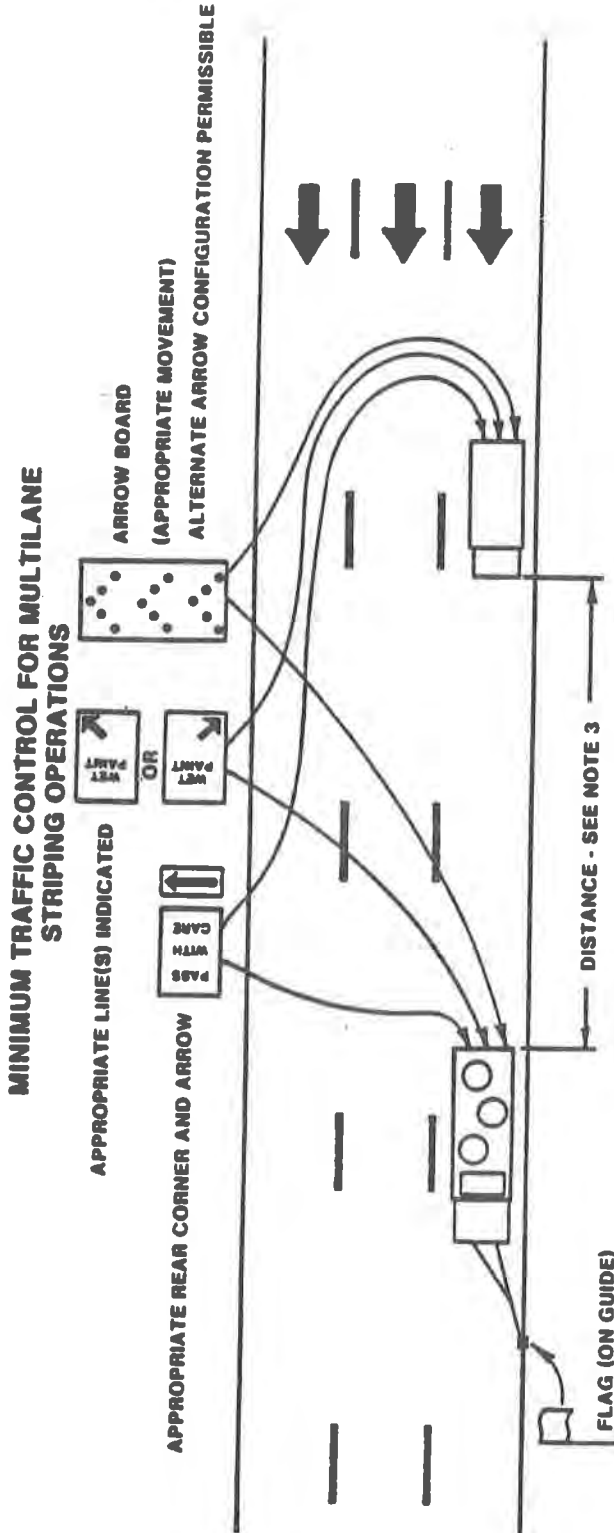
Illinois Department of Transportation

APPROVED January 1, 2012
David Lewis
 ENGINEER OF LOCAL ROADS AND STREETS

APPROVED January 1, 2012
Scott Smith
 ENGINEER OF DESIGN AND ENVIRONMENT

153150
 48-1-1 03/15/11

FIGURE 7.R



GENERAL INFORMATION

1. STRIPING MACHINE AND ALL VEHICLES IN CONVOY (EXCEPT LAW ENFORCEMENT VEHICLES) ARE TO HAVE HEADLIGHTS AND EMERGENCY FLASHERS OPERATING AND ARE TO DISPLAY AN AMBER COLORED OSCILLATING, ROTATING OR FLASHING LIGHT(S). AT LEAST ONE AMBER LIGHT IS TO BE VISIBLE FROM ANY DIRECTION.
2. STRIPING MACHINE AND TRAILING VEHICLE(S) MAY BE POSITIONED EITHER IN A LANE OR ASTRADDLE A LANE LINE. TRAILING VEHICLE(S) SHALL BE USED DURING LANE LINE STRIPING AND MAY BE USED DURING EDGE LINE STRIPING. TRAILING VEHICLE(S) ARE TO BE LOCATED ON THE ROADWAY DIRECTLY BEHIND STRIPING MACHINE.
3. DISTANCE TRAILING VEHICLE(S) FOLLOWS STRIPING MACHINE WILL VARY DEPENDING ON TERRAIN AND SUSCEPTIBILITY OF PAINTED LINE TO WHEEL TRACKING.
4. STRIPING OPERATION MAY BE SUPPORTED BY ADDITIONAL TRAFFIC CONTROL DEVICES.

AUTHORITY FOR OPERATION:	
ILLINOIS VEHICLE CODE	11-205 (i)
SECTIONS	11-804 (d)
	12-212-2
	12-215 (b) 2

MINIMUM TRAFFIC CONTROL FOR TWO LANE STRIPING WITH STRIPER IN RIGHT LANE

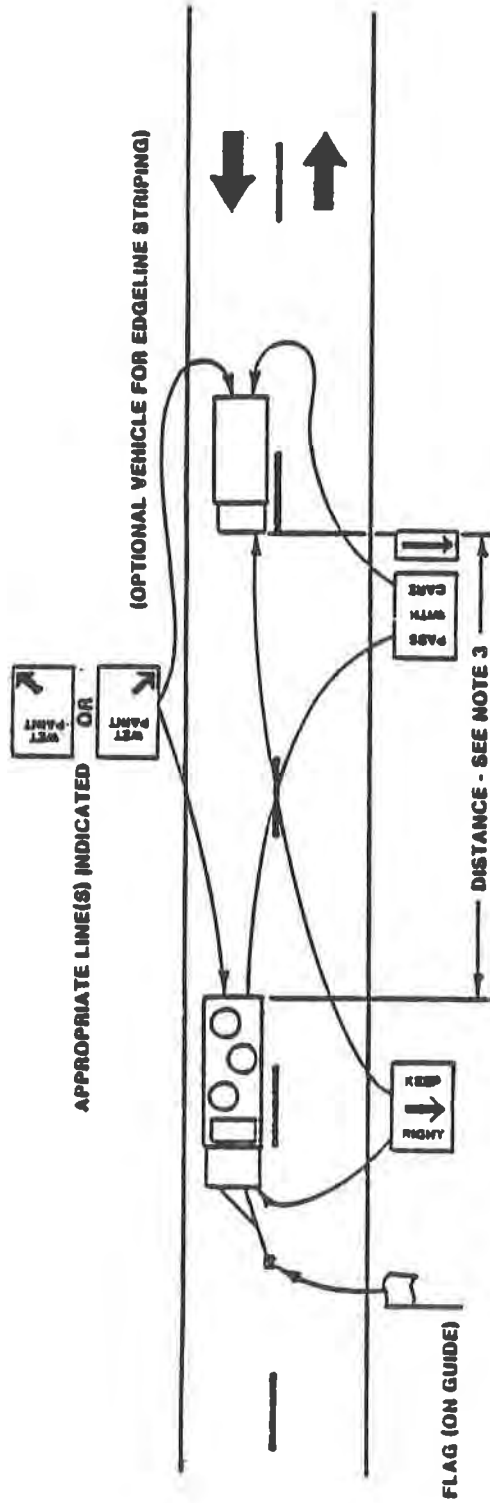
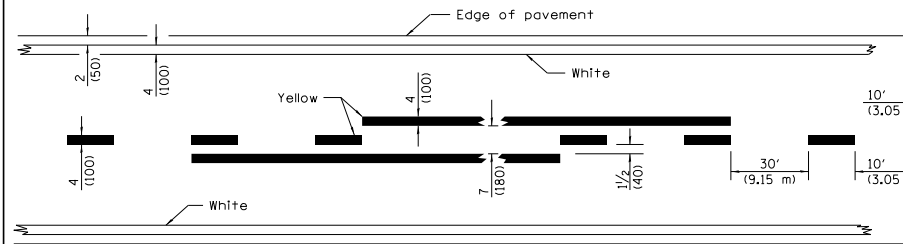


FIGURE 7.Q

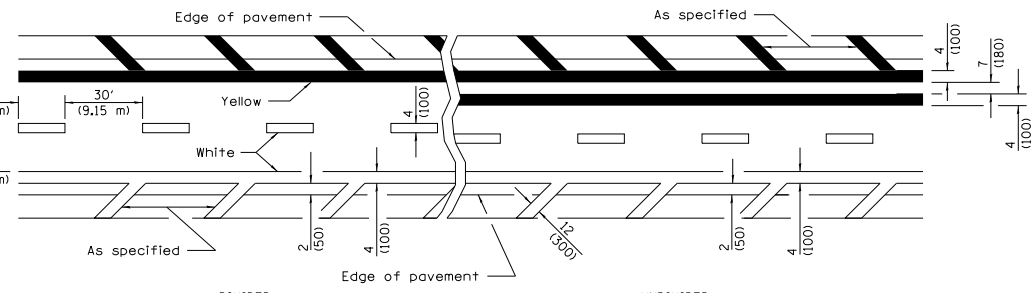
GENERAL INFORMATION

1. STRIPING MACHINE AND ALL VEHICLES IN CONVOY (EXCEPT LAW ENFORCEMENT VEHICLES) ARE TO HAVE HEADLIGHTS AND EMERGENCY FLASHERS OPERATING AND ARE TO DISPLAY AN AMBER COLORED OSCILLATING, ROTATING OR FLASHING LIGHT(S). AT LEAST ONE AMBER LIGHT IS TO BE VISIBLE FROM ANY DIRECTION.
2. TRAILING VEHICLE(S) SHALL BE USED DURING CENTER LINE STRIPING OPERATION AND MAY BE DURING EDGE LINE STRIPING OPERATION.
3. DISTANCE TRAILING VEHICLE(S) FOLLOWS STRIPING MACHINE WILL VARY DEPENDING ON TERRAIN AND SUSCEPTIBILITY OF PAINTED LINE TO WHEEL TRACKING.
4. STRIPING OPERATION MAY BE SUPPORTED BY ADDITIONAL TRAFFIC CONTROL DEVICES.

AUTHORITY FOR OPERATION:	
ILLINOIS VEHICLE CODE	11-205 (f)
SECTIONS	11-804 (d) 12-212-2 12-215 (b) 2

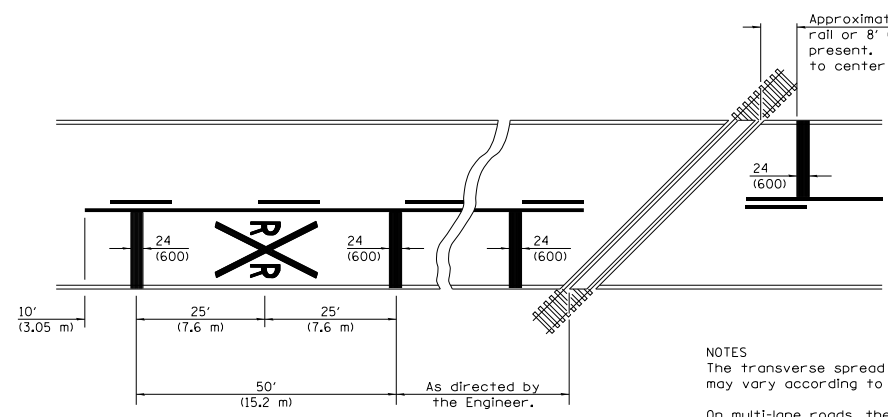


2 LANE

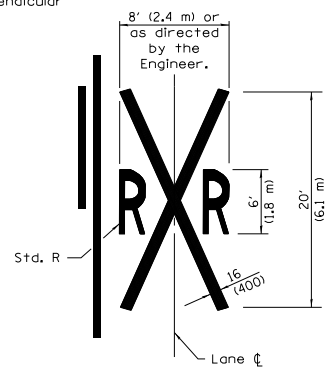


MULTI LANE

LANE AND EDGE LINES



Approximately 15' (4.5 m) from nearest rail or 8' (2.4 m) back from gate, if present. Stop line placed perpendicular to center line.



NOTES

The transverse spread of the "X" may vary according to lane width.

On multi-lane roads, the stop lines shall extend across all approach lanes and separate RXR symbols shall be placed adjacent to each other in each lane.

When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2015
ENGINEER OF OPERATIONS

APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

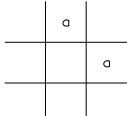
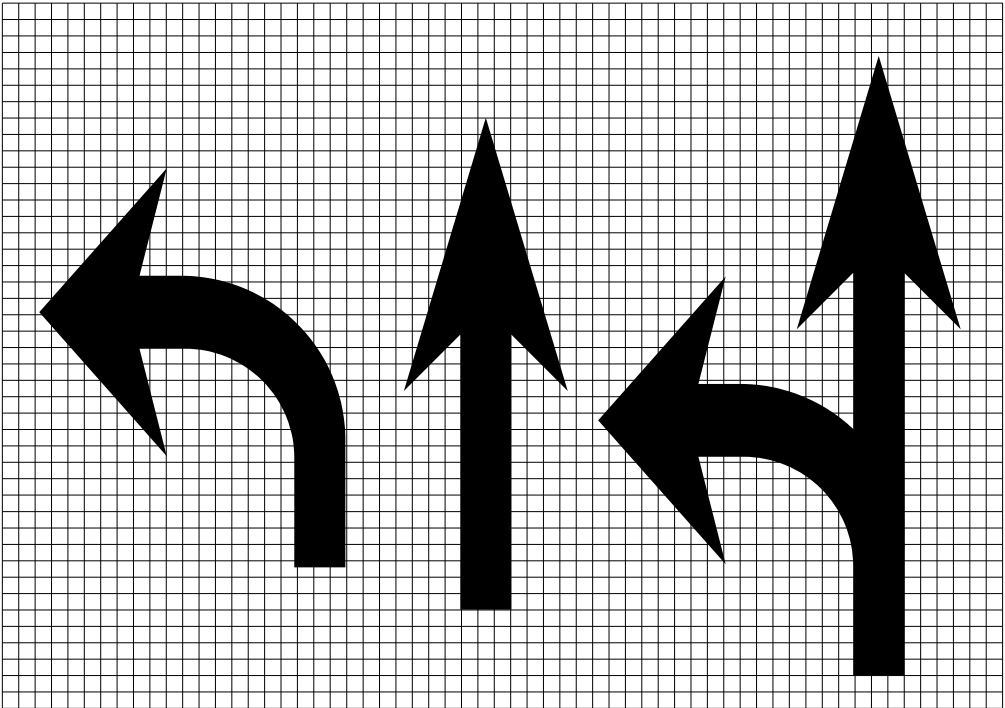
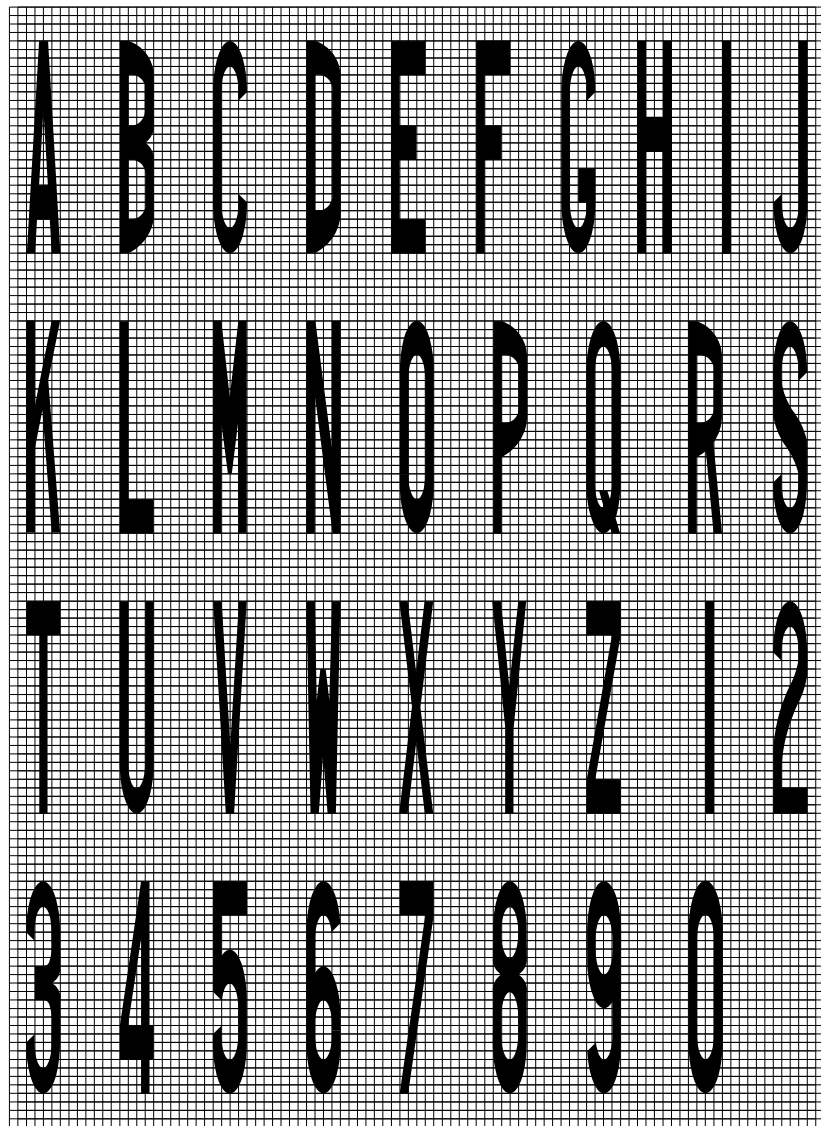
1515155
46-1-1

DATE	REVISIONS
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed 'LANE DROP ARROW' detail to 'LANE-REDUCTION ARROW'.

TYPICAL PAVEMENT MARKINGS

(Sheet 1 of 3)

STANDARD 780001-05



Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

Illinois Department of Transportation

APPROVED January 1, 2015

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APPROVED January 1, 2015

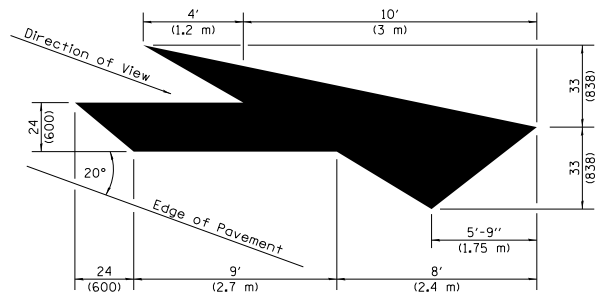
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 48-1-1

TYPICAL PAVEMENT MARKINGS

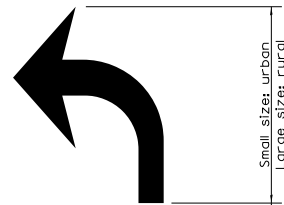
(Sheet 2 of 3)

STANDARD 780001-05



LANE-REDUCTION ARROW

Right lane-reduction arrow shown.
Use mirror image for left lane.

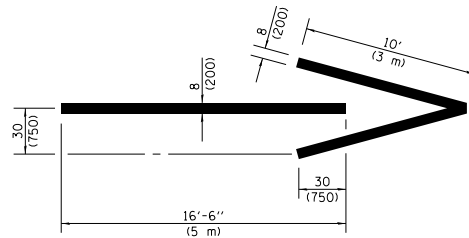


20' (6 m): urban
50' (15 m): rural
(Between arrow
and word or
between words)

ONLY

6" (1.8 m): urban
8" (2.4 m): rural

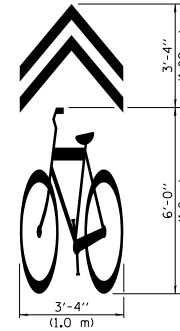
WORD AND ARROW LAYOUT



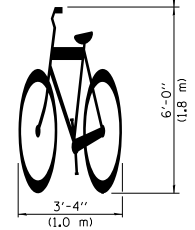
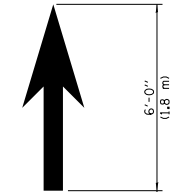
WRONG WAY ARROW



**INTERNATIONAL
SYMBOL OF
ACCESSIBILITY**



**SHARED LANE
SYMBOL**



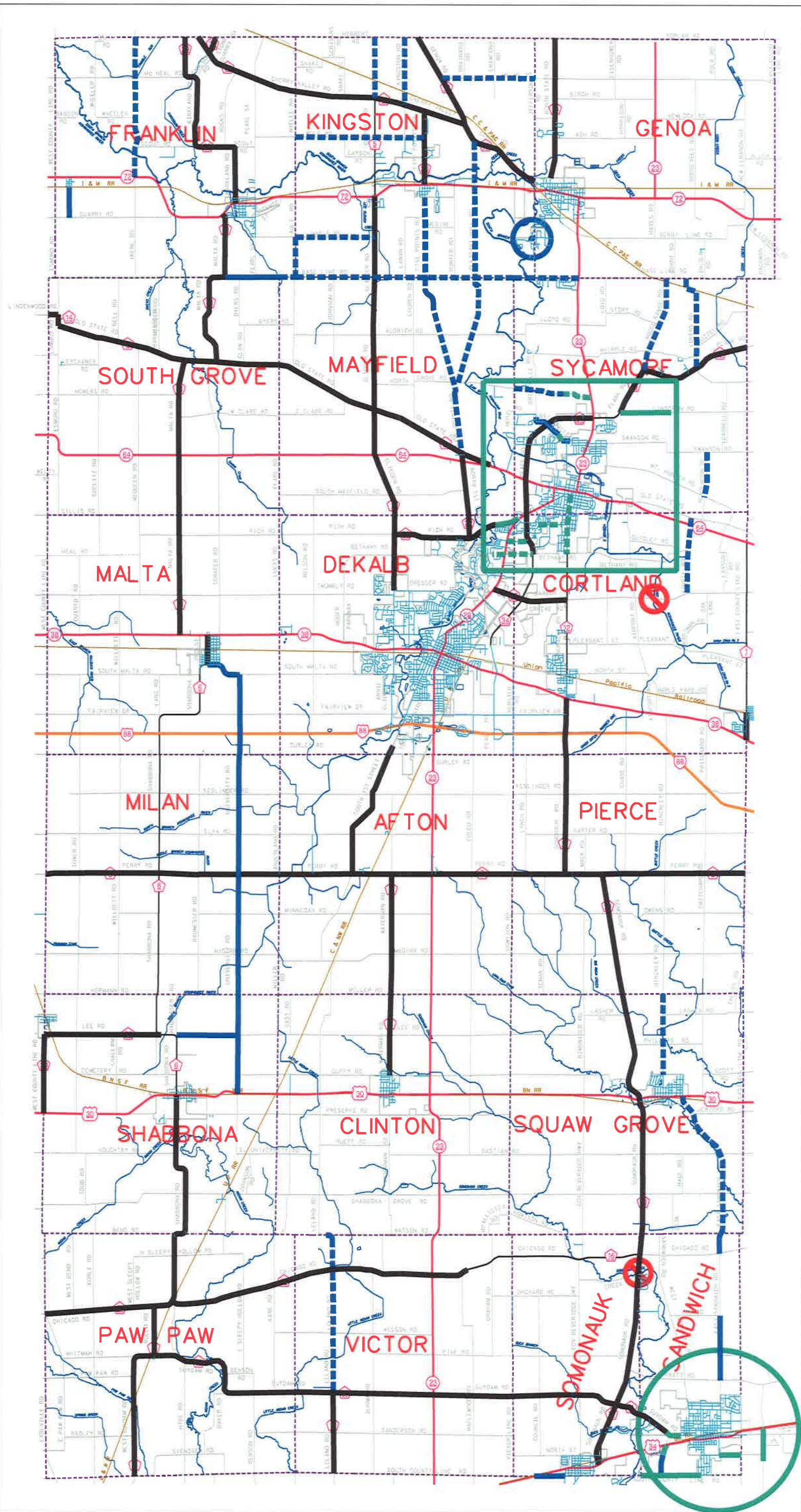
BIKE SYMBOL
(Arrow is optional).

Illinois Department of Transportation	
APPROVED January 1, 2015 ENGINEER OF OPERATIONS	158155
APPROVED January 1, 2015 ENGINEER OF DESIGN AND ENVIRONMENT	46-1-1 03/15

**TYPICAL PAVEMENT
MARKINGS**

(Sheet 3 of 3)

STANDARD 780001-05



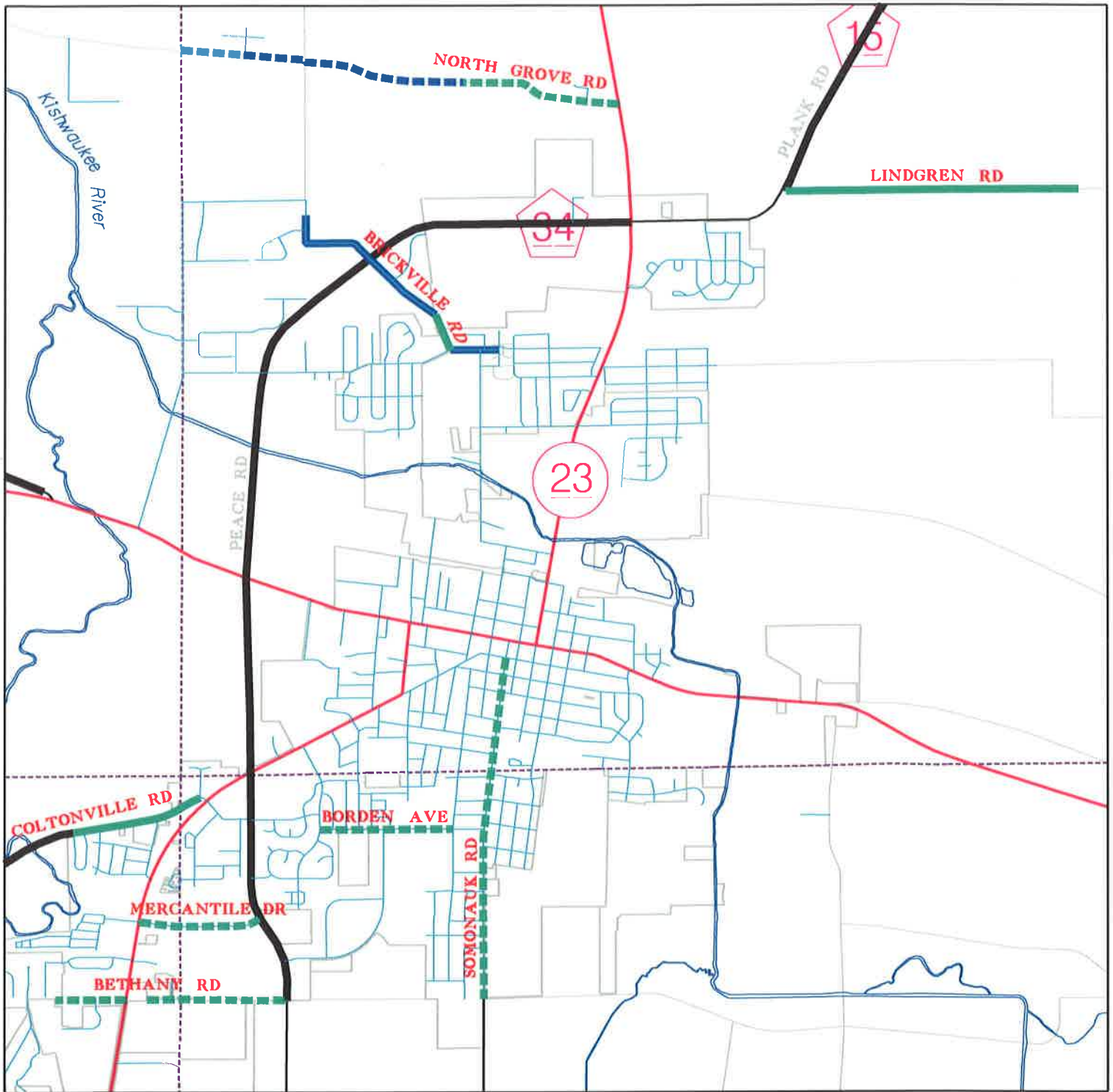
DeKalb County 2017

02/11
2016

— BOTH EDGE & CENTERLINE STRIPING
— ONLY CENTERLINE STRIPING

- #1 REV.
- #2 REV.
- #3 REV.
- #4 REV.
- #5 REV.
- #6 REV.

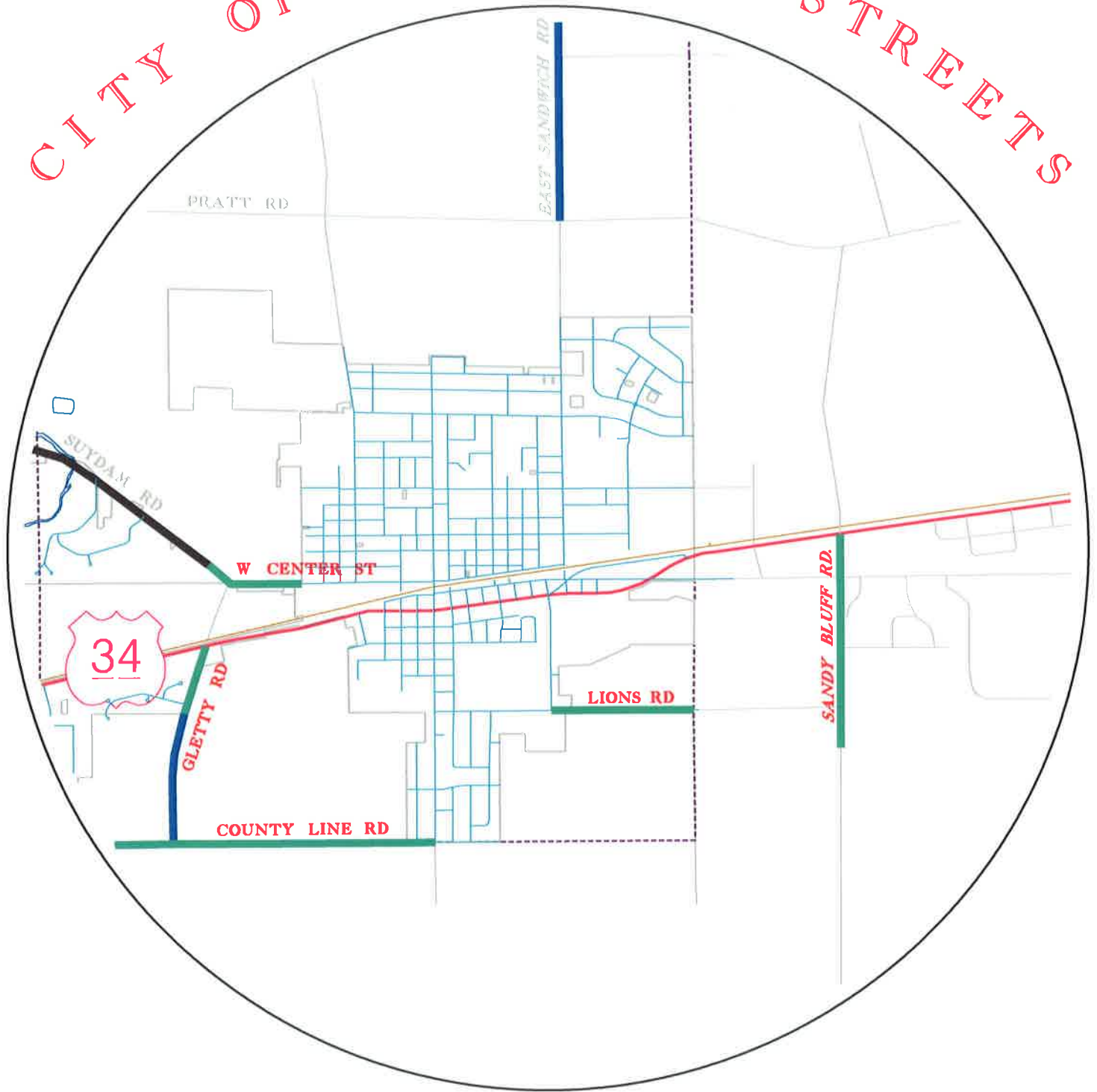
CITY OF SYCAMORE STREETS



DeKalb County 2017

-  BOTH EDGE & CENTERLINE STRIPING
-  ONLY CENTERLINE STRIPING

CITY OF SANDWICH STREETS



DeKalb / Kendall County 2017

— BOTH EDGE & CENTERLINE STRIPING