

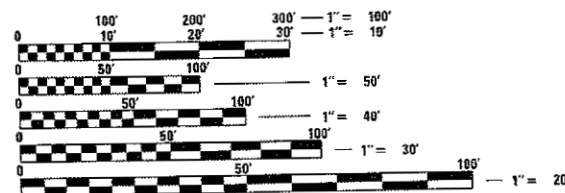
PROJECT ENGINEER: STEVE ROBERY

SQUAD ENGINEER: COREY CONDERMAN (815)-284-5936

06-15-2018 LETTING ITEM 225

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR STATE STANDARDS, SEE SHEET NO.2

HANOVER TOWNSHIP, 4, 9  
ELIZABETH TOWNSHIP, 22, 27, 28, 33



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: STEVE ROBERY  
SENIOR SQUAD LEADER: ANDY LEE (815) 284-5343  
SQUAD ENGINEER: COREY CONDERMAN (815) 284-5936

CONTRACT NO. 64K24

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED  
HIGHWAY PLANS

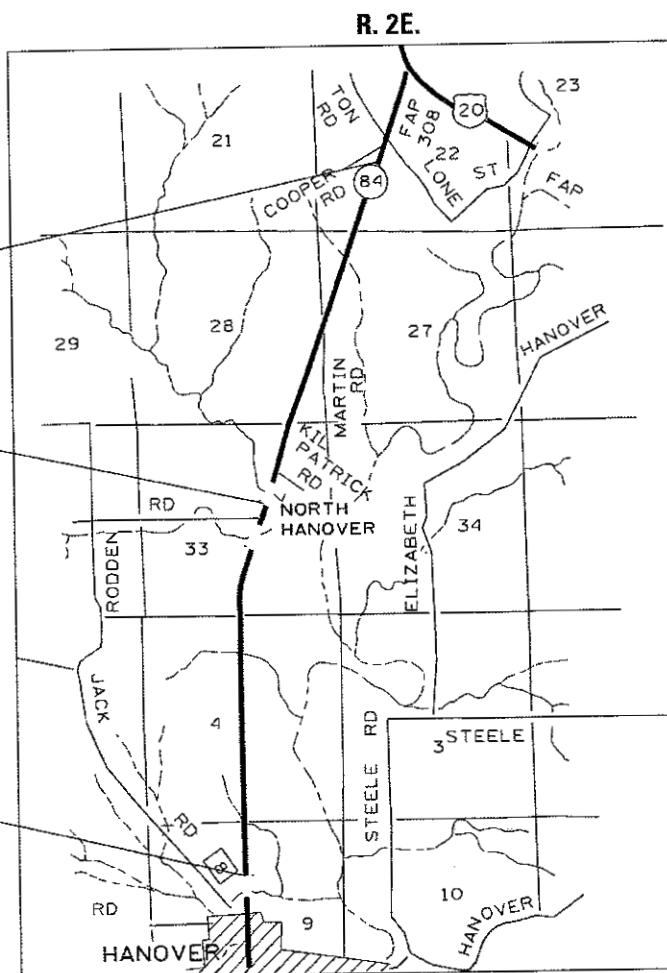
FAP ROUTE 308 (IL 84)  
SECTION 103RS-3  
PROJECT NHPP-YQWU(592)  
PAVEMENT RESURFACING  
JO DAVIESS COUNTY  
C-92-061-15



PROJECT ENDS  
STA 537+21

PAVING GAP  
STA 444+71 - 454+35

PROJECT BEGINS  
STA 338+44



GROSS LENGTH = 19,877 FT. = 3.76 MILES  
LENGTH OF GAP = 964 LIN. FT. = 0.18 MILES  
NET LENGTH = 18,913 FT. = 3.58 MILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103RS-3	JO DAVIESS	36	1
ILLINOIS CONTRACT NO. 64K24				

D-92-044-14



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 25, 2018  
Kevin Marchek  
REGIONAL ENGINEER

Mar 23, 2018  
E.K.  
ENGINEER OF DESIGN AND ENVIRONMENT

May 23, 2018  
Paul P. Chisholm  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FAP ROUTE 308 (IL 84)

SECTION 103RS

JO DAVIESS COUNTY

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STATE STANDARDS

001006	Decimal of an Inch and of a Foot
630001 - 12	Steel Plate Beam Guardrail
635001 - 02	Delineators
701001 - 02	Off-Road Operations, 2L, 2W, More Than 15' (4.5 m) Away
701006 - 05	Off-Road Operations, 2L, 2W, 15' (4.5 m) to 24" (600 mm) From Pavement Edge
701011 - 04	Off-Road Moving Operations, 2L, 2W, Day Only
701201 - 04	Lane Closure, 2L, 2W, Day Only, for Speeds $\geq$ 45 MPH
701301 - 04	Lane Closure, 2L, 2W, Short Time Operations
701306 - 04	Lane Closure, 2L, 2W, Slow Moving Operations Day Only, for Speeds $\geq$ 45 MPH
701311 - 03	Lane Closure, 2L, 2W, Moving Operations - Day Only
701701 - 10	Urban Lane Closure, Multilane Intersection
701901 - 07	Traffic Control Devices
720011 - 01	Metal Posts for Signs, Markers, and Delineators
725001 - 01	Object and Terminal Markers
728001 - 01	Telescoping Steel Sign Support
729001 - 01	Applications of Types A and B Metal Posts
780001 - 05	Typical Pavement Markings
781001 - 04	Typical Application of Raised Reflective Pavement Markers
782006	Guardrail and Barrier Wall Reflector Mounting Details

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	PLOT DATE = Jan-22-2018 07:58:53 AM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

# GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1A. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. This work shall be included in the cost of STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS and CONCRETE GUTTER, TYPE A (SPECIAL).

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS and CONCRETE GUTTER, TYPE A (SPECIAL).

Mulch Method II shall be applied over all seeded areas. This shall be included in the cost of the STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS and CONCRETE GUTTER, TYPE A (SPECIAL).

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Shoulders of the type specified in the plans.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Location(s):			
Mixture Use(s):	Surface	Level Binder	HMA over Patches
PG:	64-22	64-22	64-22
Design Air Voids:	4.0 @N50	4.0 @N50	4.0 @N50
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5 FG	IL 19.0
Friction Aggregate:	C	N/A	N/A
Mixture Weight:	112	N/A	N/A
Quality Management Program:	QCP	QCP for MIX ONLY	QC/QA
Sublot Size:	1000	1000	N/A
Number of Roller Passes <sup>1)</sup> :	N/A	N/A	N/A

- 1) When a number of roller passes is specified, the Contractor may opt to use intelligent compaction in lieu of density testing under the Quality Control for Performance (QCP) program.

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 6 Each.

FILE NAME = 64K24.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES										
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				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.						
										ILLINOIS	FED. AID PROJECT				

# GENERAL NOTES

Permanent Survey Markers, Type II placed in urban areas should be placed in sidewalk areas. The marker shall be placed as shown on District Standard 66.2. The sidewalk shall be placed around the marker and flush with the top.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

**Jo-Carroll Electric, 815-273-2222**  
**NICOR Gas, 630-388-3046**  
**Mediacom, 630-365-0045**  
**Village of Hanover, 815-591-3800**

**Jo Carroll Electric, 815-858-2207**  
**Frontier Legacy, 815-772-2078**  
**iFiber, 815-753-6075**

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

When HMA surface removal over patches is being performed, the Contractor shall mill to the existing concrete pavement or 8" depth, whichever they encounter first.

Two (2) weeks prior to the placing of the Thermoplastic Pavement Marking Line, notice shall be given to Kurt Glazier at the Illinois Department of Transportation, District 2 (815/440-1833) for the moving of the southbound (SB) No Passing Zone sign.

The depth of milling in hot-mix asphalt scarification locations shall not exceed ½ inch.

FILE NAME = 64K24.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	TA ATE		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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							ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

	CODE NUMBER	ITEM	UNITS	RURAL	ROADWAY
				TOTAL	80% FED 20% STATE 0005
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	49	49
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	41,563	41,563
	40600525	LEVELING BINDER (HAND METHOD), N50	TON	72	72
	40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	3,240	3,240
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	760	760
	40600990	TEMPORARY RAMP	SQ YD	298	298
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	474	474
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5,207	5,207
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	319	319
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	25,482	25,482
	44002232	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	1,058	1,058
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	33,123	33,123
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,916	2,916
	* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	800	800

\* SPECIALITY ITEM

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		DATE -	REVISED -										

SUMMARY OF QUANTITIES

				RURAL	ROADWAY
	CODE NUMBER	ITEM	UNITS	TOTAL	80% FED 20% STATE 0005
*	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	8	8
	63200310	GUARDRAIL REMOVAL	FOOT	1,100	1,100
	63500105	DELINEATORS	EACH	8	8
*	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	6	6
	67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	4	4
	67100100	MOBILIZATION	L SUM	1	1
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	5	5
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	8,964	8,964
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	996	996
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	125

\* SPECIALITY ITEM

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SUMMARY OF QUANTITIES

				RURAL	ROADWAY
	CODE NUMBER	ITEM	UNITS	TOTAL	80% FED 20% STATE 0005
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,534	13,534
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	743	743
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	950	950
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	35	35
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	120,982	120,982
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	350	350
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	20	20
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	123	123
	X2800400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	200	200
	X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	1,700	1,700
	Z0004405	HOT-MIX ASPHALT SCARIFICATION	SQ YD	34,379	34,379
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	22,796	22,796
	Z0040315	PILOT CAR	CAL DAY	10	10

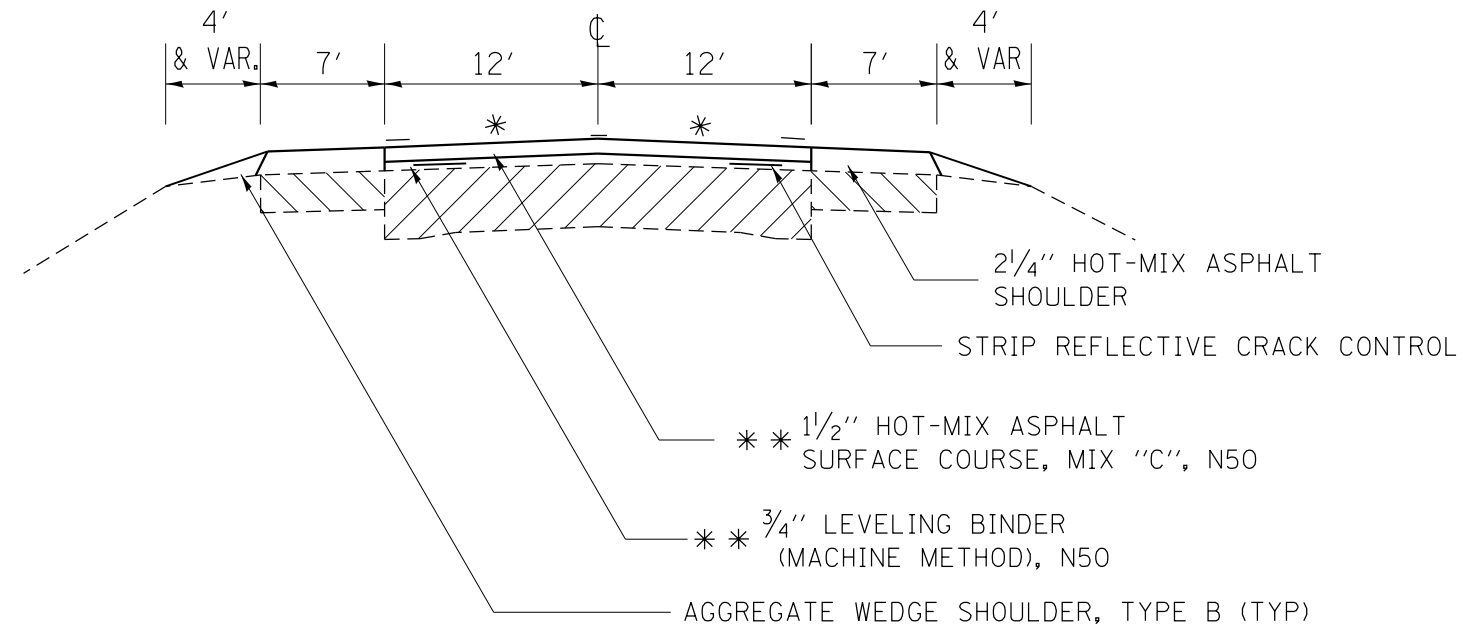
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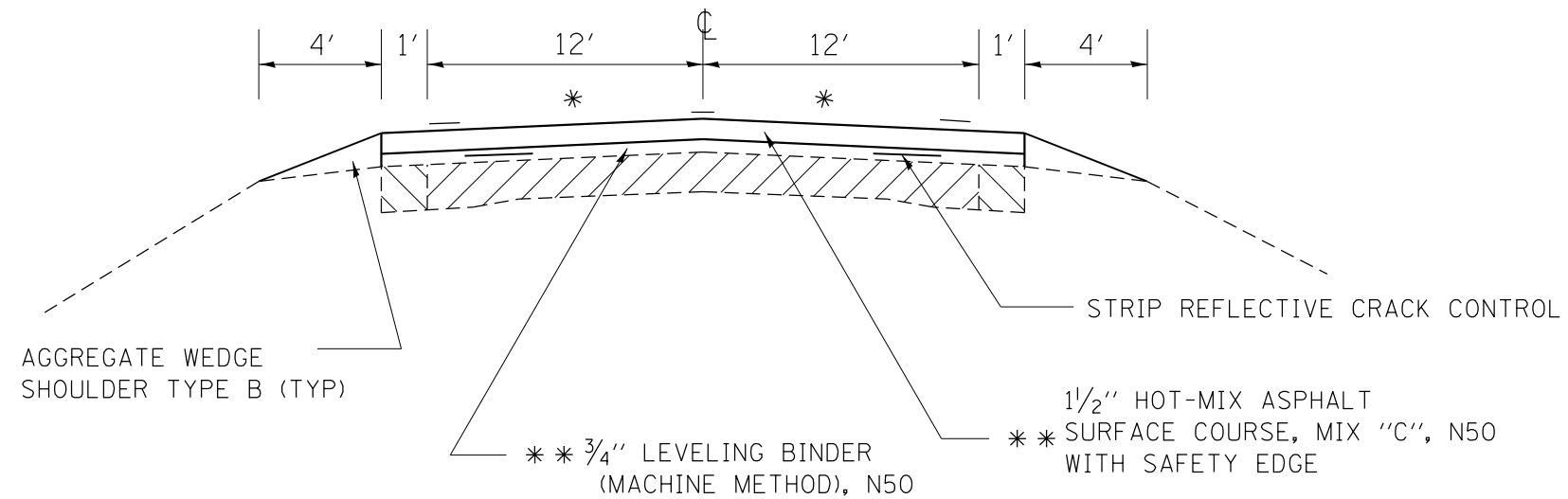
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# TYPICAL SECTION

IL 84  
STA. 338+44 - 340+20



IL 84  
STA. 340+20 - 361+00  
STA. 454+35 - 479+42.5  
STA. 483+92.5 - 513+70



EXISTING PCC PAVEMENT 7 INCH WITH 10 INCH HMA OVERLAY



EXISTING HMA SHOULDER

\* MAINTAIN EXISTING CROSS SLOPE  
(1/8" PER FOOT MIN.)

\*\* 112 LBS/SQ YD/IN

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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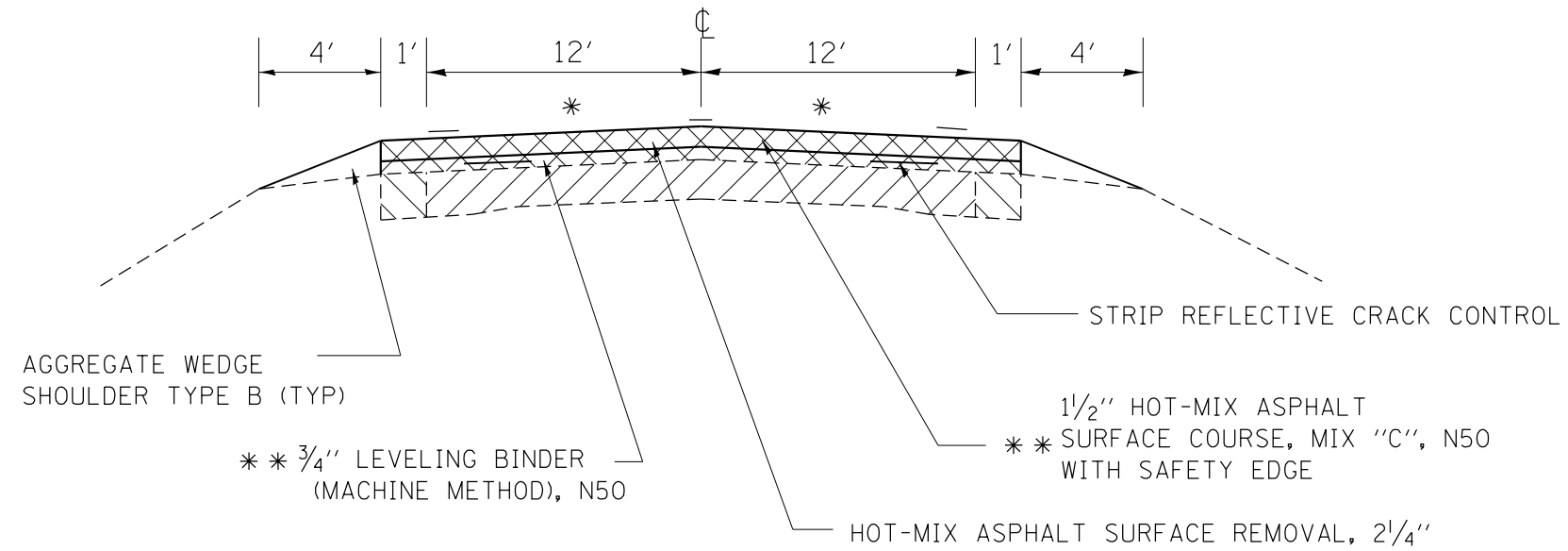
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CONTRACT NO. 64K24				
ILLINOIS FED. AID PROJECT				



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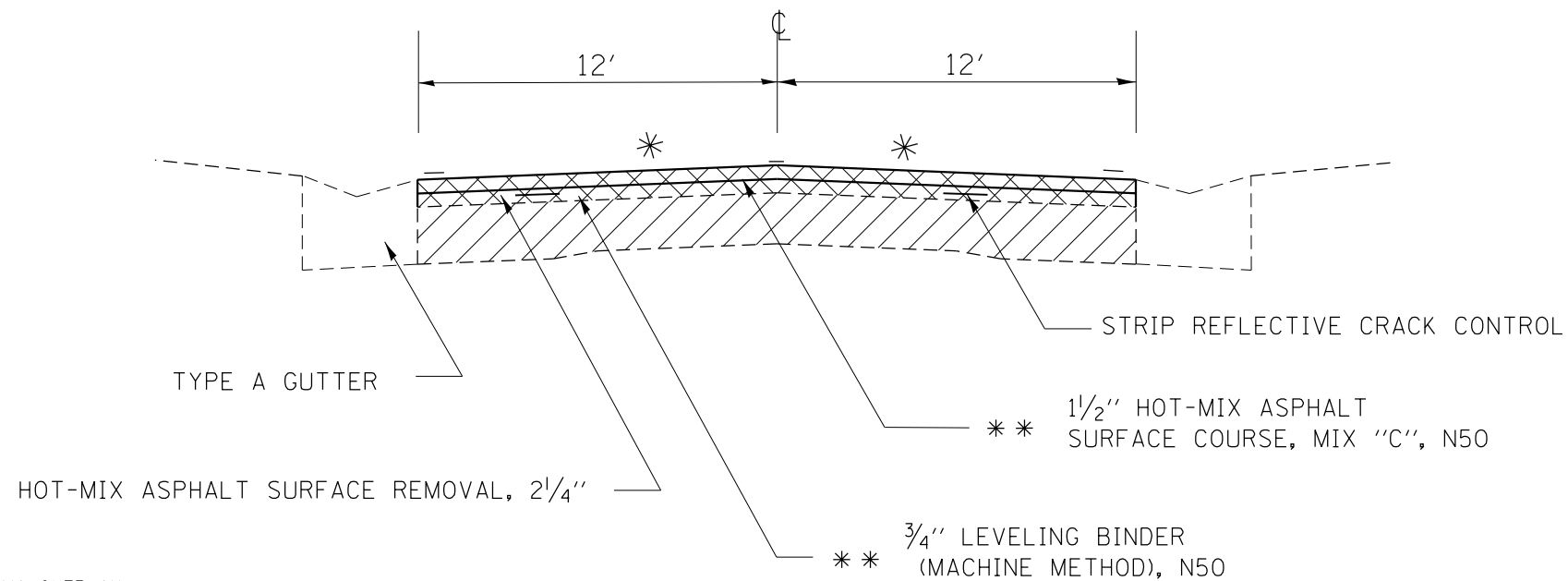
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STA. 377+31 - 385+44      STA. 409+75 - 414+97  
STA. 397+29 - 405+70      STA. 419+60 - 421+40  
STA. 433+92 - 444+71



IL 84

STA. 361+00 - 377+11  
STA. 385+44 - 394+69



REMOVAL



EXISTING PCC PAVEMENT 7 INCH WITH 10 INCH HMA OVERLAY



EXISTING HMA SHOULDER

\* MAINTAIN EXISTING CROSS SLOPE  
(1/8" PER FOOT MIN.)  
\*\*112 LBS/SQ YD/IN

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

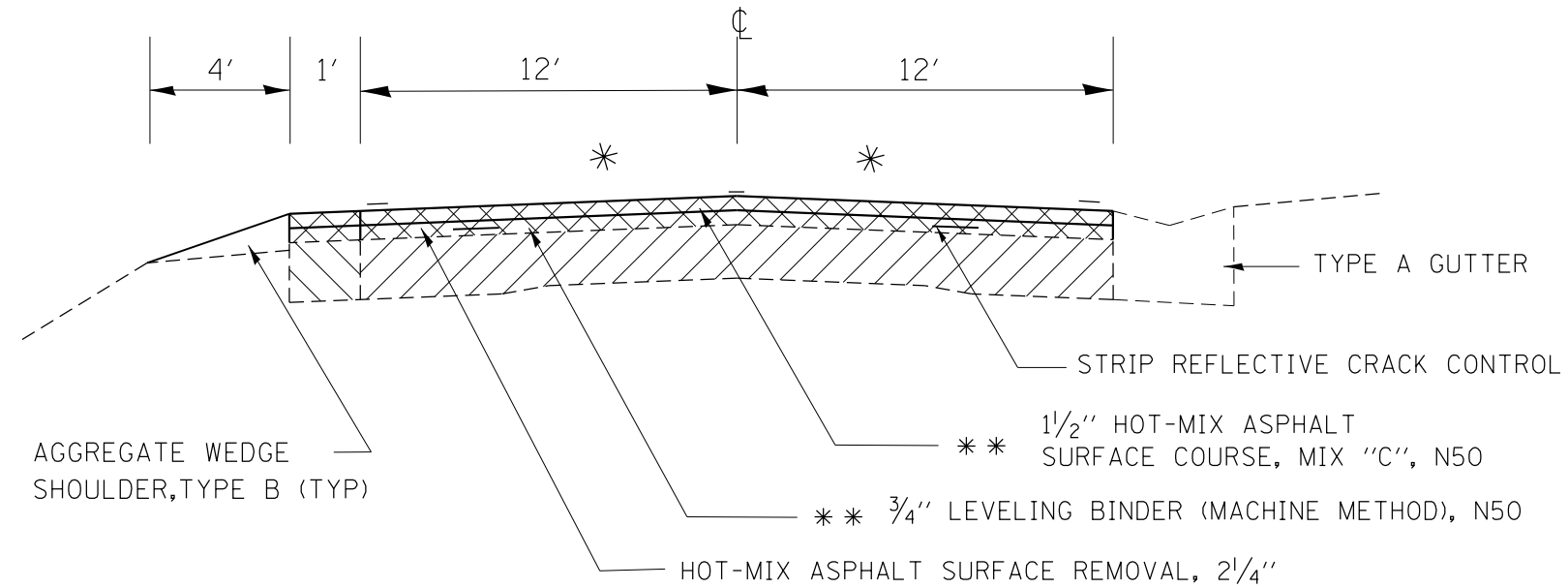
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CONTRACT NO. 64K24				
ILLINOIS FED. AID PROJECT				

# TYPICAL SECTION

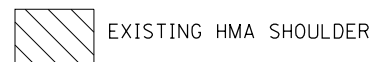
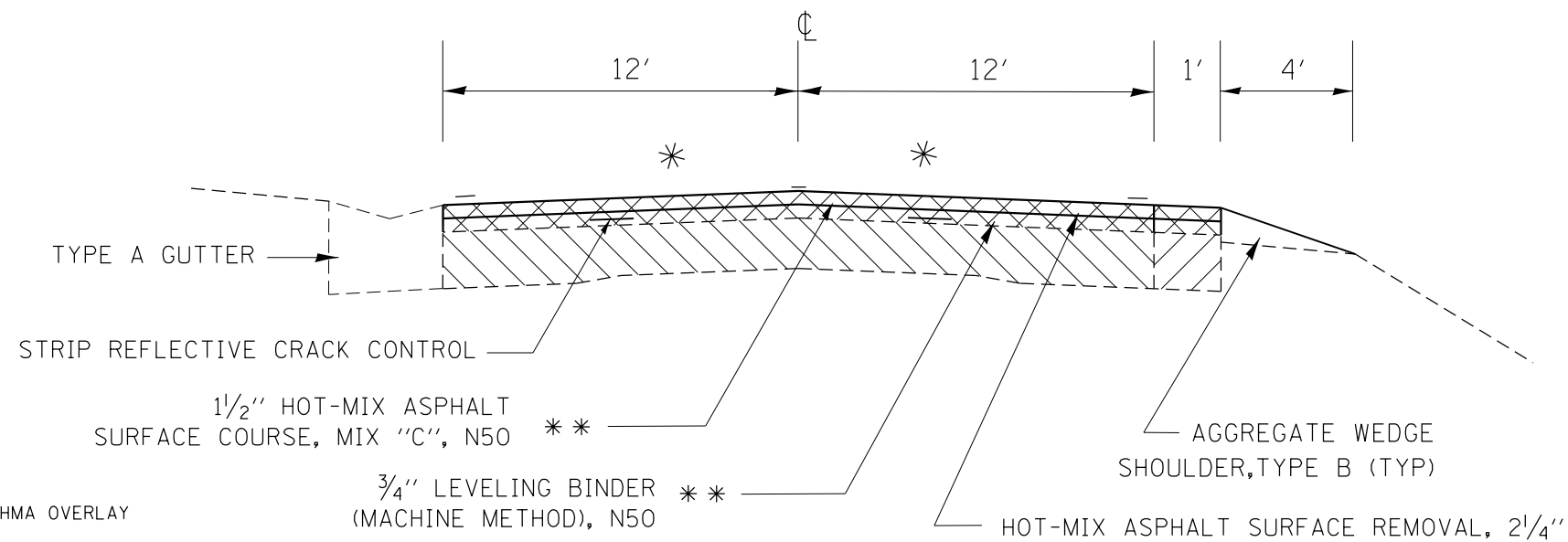
IL 84

STA. 377+11 - 377+31    STA. 394+69 - 397+29  
STA. 421+40 - 433+92



IL 84

STA. 405+70 - 409+75    STA. 414+97 - 419+60  
STA. 479+42.5 - 483+92.5



\* MAINTAIN EXISTING CROSS SLOPE (1/8" PER FOOT MIN.)  
\*\*112 LBS/SQ YD/IN

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

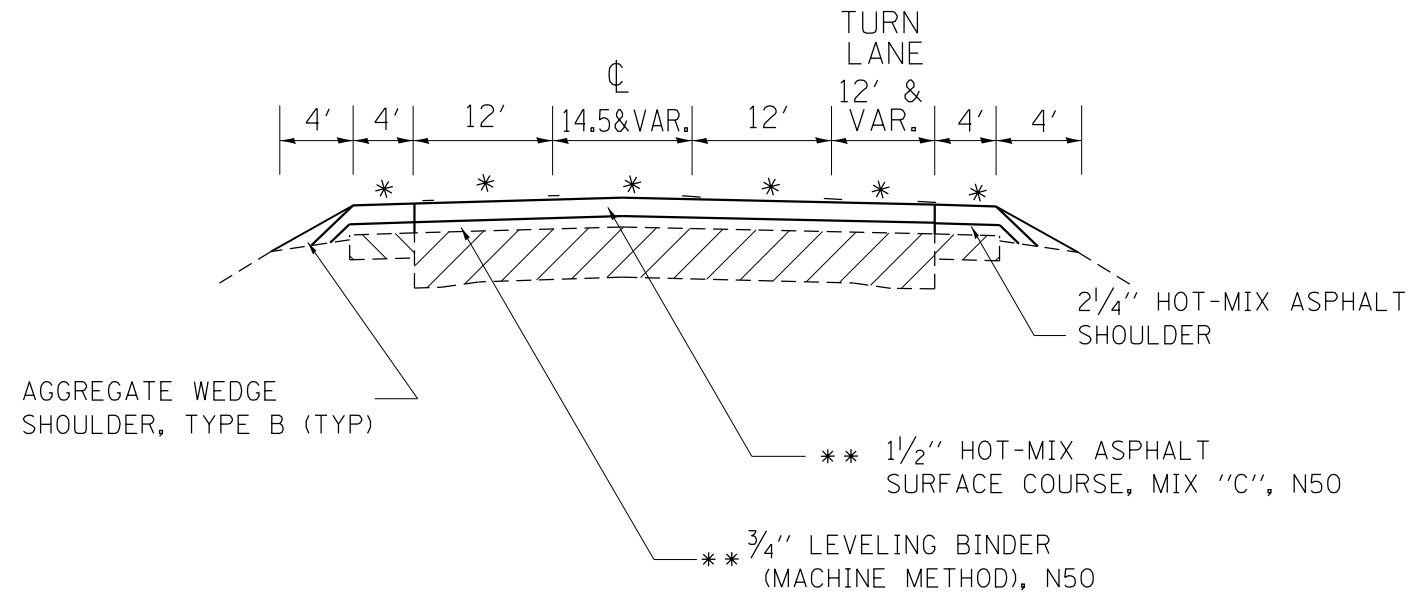
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CONTRACT NO. 64K24				
ILLINOIS FED. AID PROJECT				

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# TYPICAL SECTION

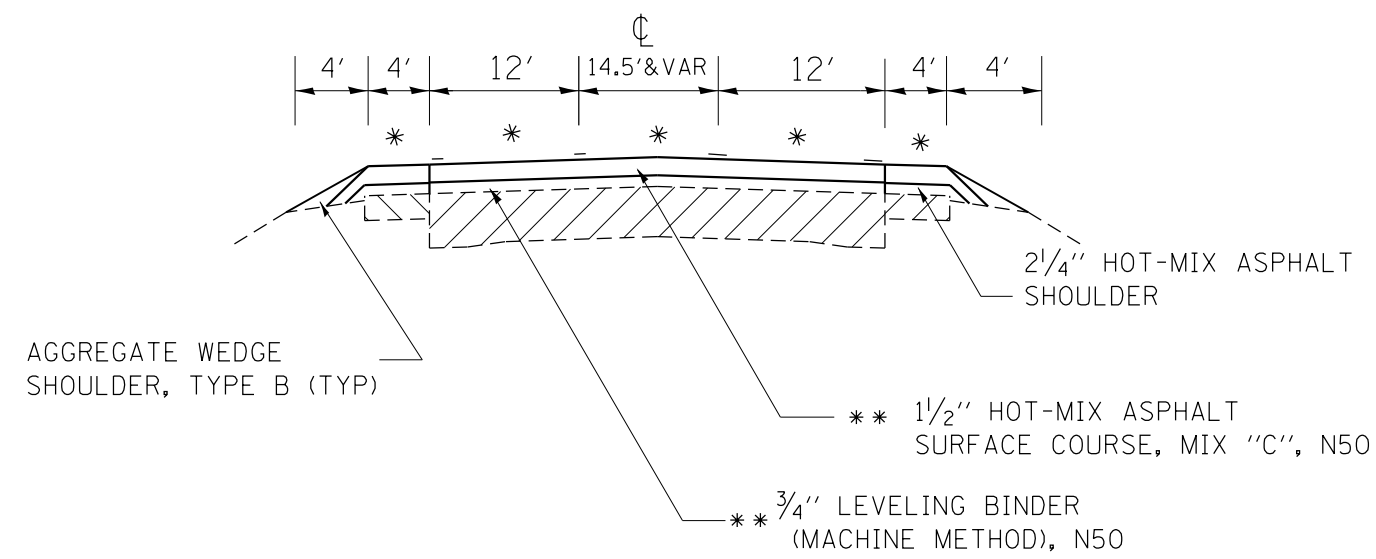
IL 84



STA. 513+70 - 525+31



IL 84

STA. 525+31 - 537+21



-  EXISTING PCC PAVEMENT 7 INCH WITH 10 INCH HMA OVERLAY
-  EXISTING HMA SHOULDER

\* MAINTAIN EXISTING CROSS SLOPE (1/8" PER FOOT MIN.)

\*\*112 LBS/SQ YD/IN

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103RS-3	JO DAVIESS	36	11
CONTRACT NO. 64K24				
ILLINOIS FED. AID PROJECT				

MODEL Default  
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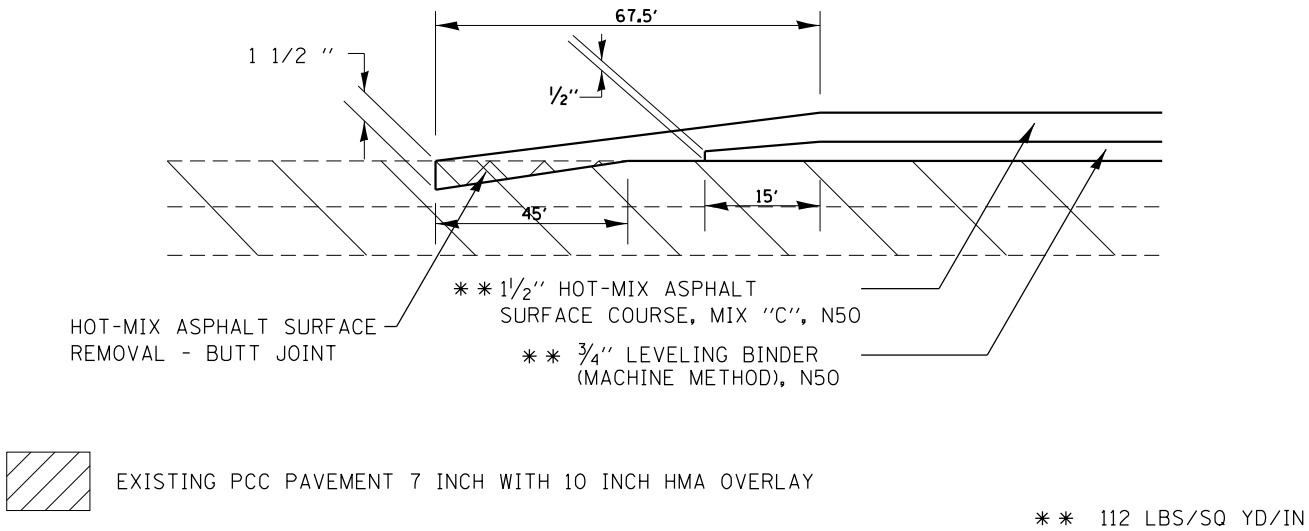
TYPICAL BUTT JOINT TAPER

IL 84

STA. 338+44 - 339+12

STA. 454+35 - 455+03

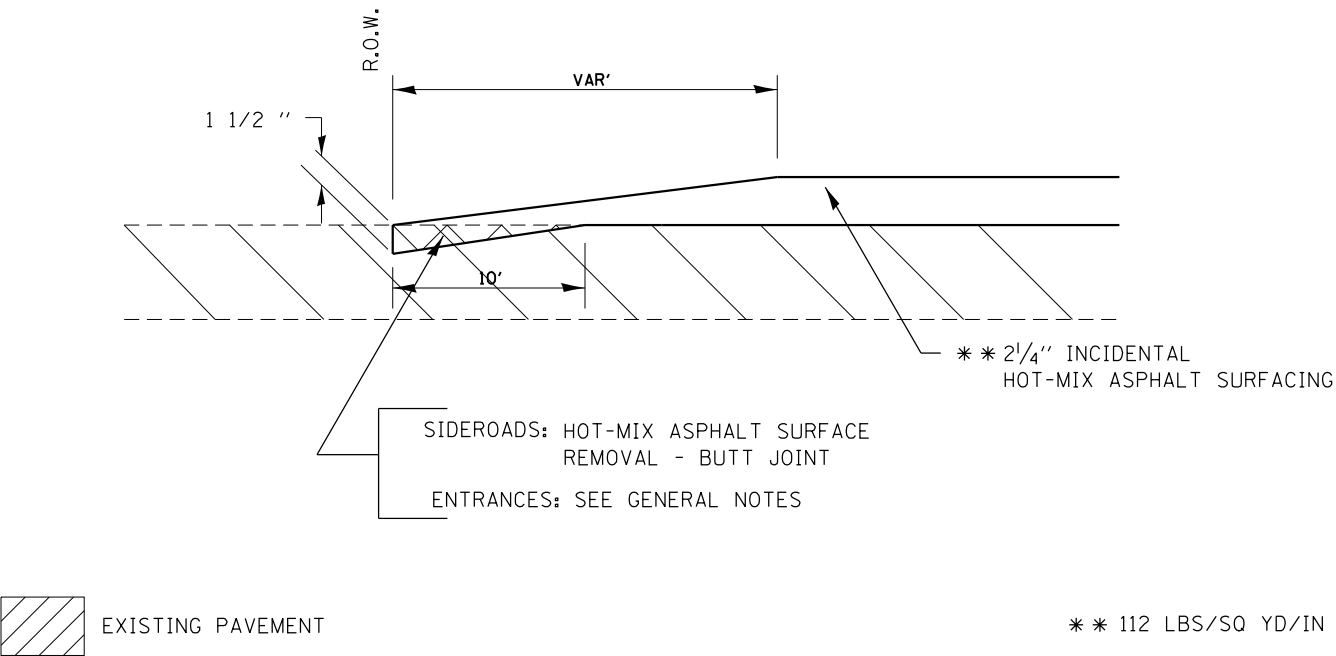
STA. 536+53 - 537+21



TYPICAL BUTT JOINT TAPER

IL 84

SIDE ROADS

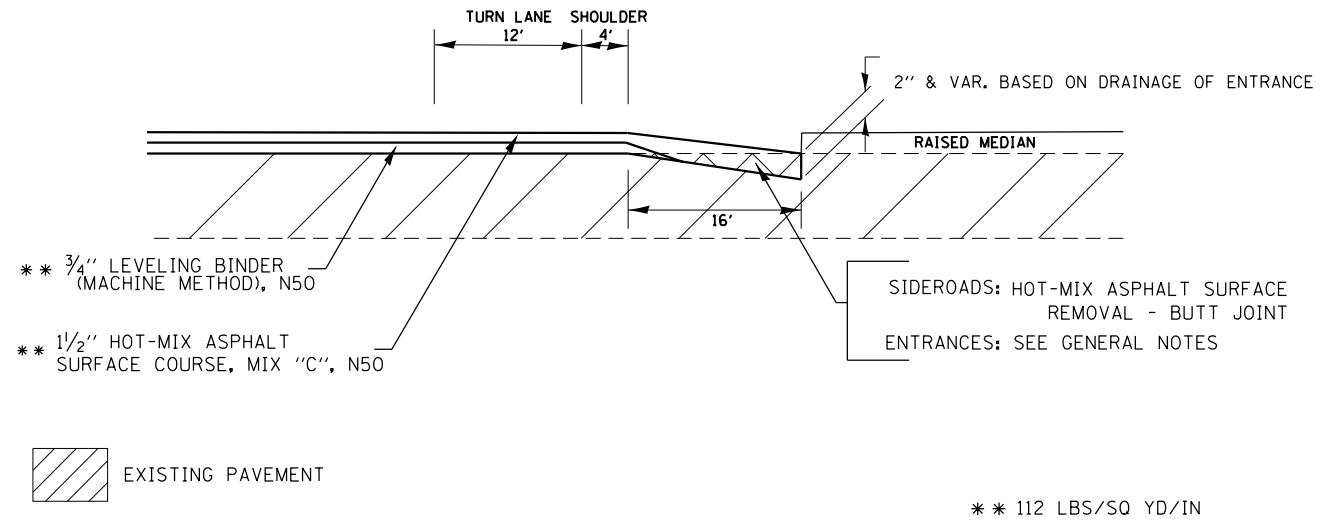
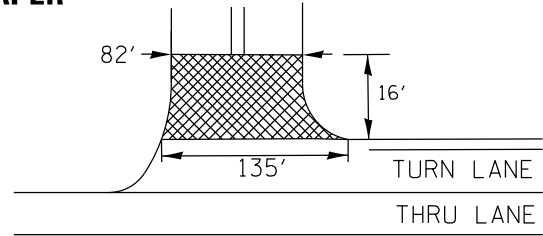


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	USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT JOINT DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					308	103RS-3	JO DAVIESS	36	12
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 64K24				
	PLOT DATE = 1/12/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

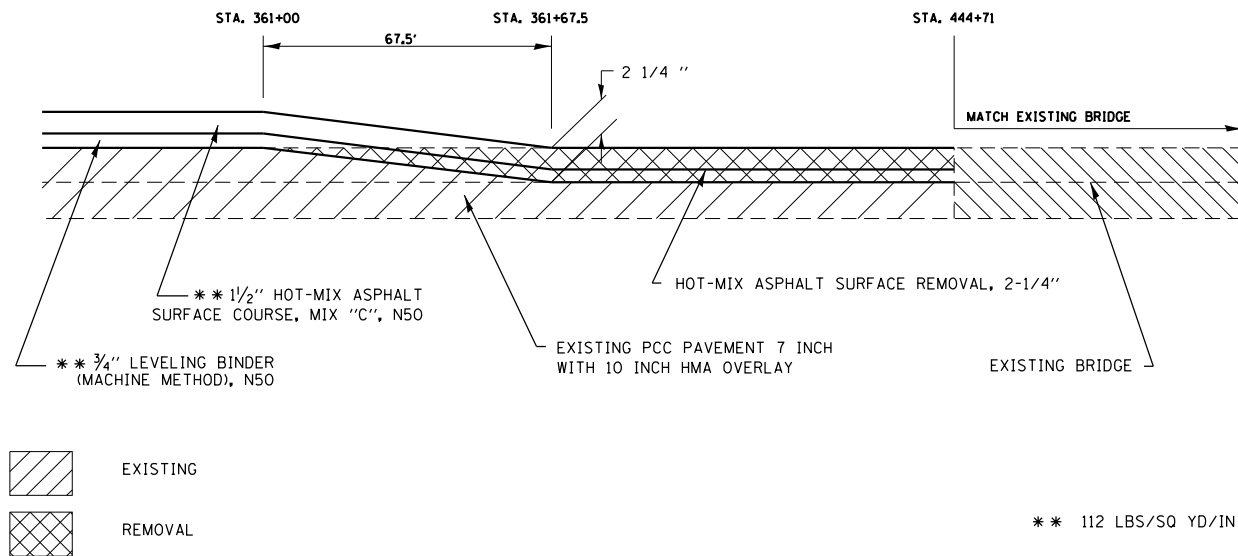
## TYPICAL BUTT JOINT TAPER

IL 84  
SCHOOL ENTRANCE  
524+84



## TYPICAL MILLING TAPER

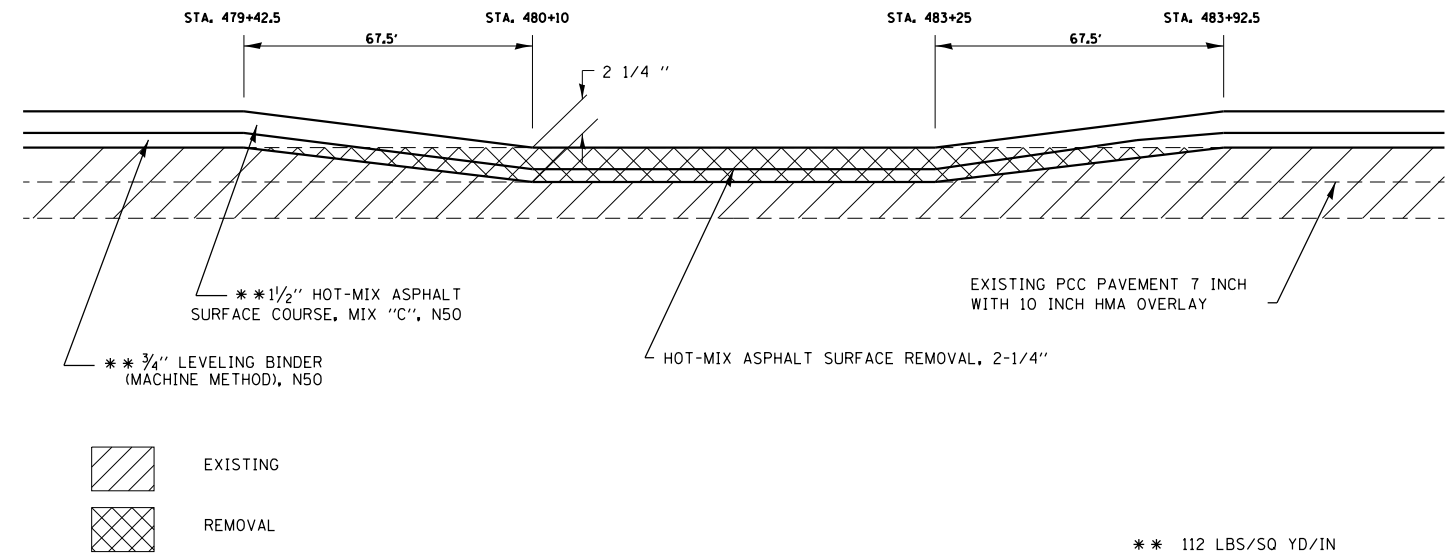
IL 84  
STA. 361+00 - 444+71



## TYPICAL MILLING TAPER

IL 84

STA. 479+42.5 - 483+92.5



USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/12/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## TYPICAL PAVEMENT JOINT DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
--------	-------	----	--------	------	---------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103RS-3	JO DAVIESS	36	13
		CONTRACT NO. 64K24		
ILLINOIS		FED. AID PROJECT		

MODEL: Default  
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Schedule of Quantities

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

TON                      LOCATION                      (See Dist Std 8.4)

IL 84                      Width, ft  
Sta    437 + 50.0    -    439 + 50.0    RT                      2.5  
TOTAL

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

FOOT                      LOCATION                      (See Standard 630001)

IL 84  
Sta    434 + 22.5    -    434 + 72.5    RT  
Sta    434 + 87.5    -    438 + 37.5    LT  
Sta    435 + 77.5    -    439 + 52.5    RT  
Sta    439 + 88.5    -    440 + 13.5    LT  
TOTAL

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARE

EACH                      LOCATION

IL 84  
Sta    433 + 85    -    434 + 22.5    RT  
Sta    434 + 72.5    -    435 + 10    RT  
Sta    434 + 50    -    434 + 87.5    LT  
Sta    438 + 37.5    -    438 + 75    LT  
Sta    435 + 40    -    435 + 77.5    RT  
Sta    439 + 52.5    -    439 + 90    RT  
Sta    439 + 51    -    439 + 88.5    LT  
Sta    440 + 13.5    -    440 + 51    LT  
TOTAL

63200310 GUARDRAIL REMOVAL

FOOT                      LOCATION

IL 84  
Sta    433 + 85    -    435 + 10    RT  
Sta    434 + 50    -    438 + 75    LT  
Sta    435 + 40    -    439 + 90    RT  
Sta    439 + 51    -    440 + 51    LT  
TOTAL

63500105 DELINEATORS

EACH                      LOCATION                      (See Standard 635001 & Dist Std 37.4)

IL 84  
Sta    433 + 85    -    435 + 10    RT  
Sta    434 + 50    -    438 + 75    LT  
Sta    435 + 40    -    439 + 90    RT  
Sta    439 + 51    -    440 + 51    LT  
TOTAL

40600290 BITUMINOUS MATERIALS (TACK COAT)

POUND                      LOCATION

IL 84  
Hot-Mix Asphalt Replacement Over Patches Areas  
(1058 Sq Yd \*0.45 Pounds/Sq Yd = 476.1 Pounds)  
TOTAL

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SQ YD                      LOCATION

IL 84                      Width, ft  
Sta    338 + 44    -    339 + 12    38  
Sta    454 + 35    -    455 + 03    40  
Sta    536 + 53    -    537 + 21    26  
TOTAL

40600990 TEMPORARY RAMP

SQ YD                      LOCATION

IL 84                      Width, ft  
Sta    338 + 44    38  
Sta    444 + 71    32  
Sta    454 + 35    40  
Sta    537 + 21    26  
As Needed & Directed by the Resident  
TOTAL

44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

SQ YD                      LOCATION

IL 84                      Width, ft  
Sta    361 + 00    -    444 + 71    RT    13  
Sta    479 + 42.5    -    483 + 92.5    RT    13  
Sta    361 + 00    -    444 + 71    LT    13  
Sta    479 + 42.5    -    483 + 92.5    LT    13  
TOTAL

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

FOOT                      LOCATION

IL 84  
Sta    338 + 44    -    513 + 70    RT  
Sta    338 + 44    -    513 + 70    LT  
TOTAL

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	USER NAME    = ankneyde	DESIGNED   -	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN    -	REVISED   -						308	103RS-3	JO DAVIESS	36	14
	PLOT SCALE    = 50.0000 ' / in.	CHECKED   -	REVISED   -						CONTRACT NO. 64K24				
	PLOT DATE    = Jan-22-2018 10:35:54 AM	DATE        -	REVISED   -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

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FILE NAME: p:\11084EBID\NTEG\Illinois.gov\RWIDOT\Documents\IDOT\_Offices\District 2\Projects\03\04\14\CADData\CAD\Sheets\204\14-shft-schedule.dgn

66700305 PERMANENT SURVEY MARKERS, TYPE 11

EACH                      LOCATION                      (See Dist Std 66.2)

IL 84  
As Directed by the Resident and Chief of Surveys  
6  
6  
TOTAL

70300100 SHORT TERM PAVEMENT MARKING

FOOT                      LOCATION                      (3 Applications - Tack Coat, LB, Surface)

IL 84  
Sta    338+44    -    444+71            Mainline  
Sta    454+35    -    513+25            Mainline  
Sta    518+92    -    525+31            Right Turn Lane  
Sta    525+31    -    536+53            Median @ 4 Stripes  
Sta    526+32    -    537+54            Left Turn Lane  
As Needed & Directed by the Resident (Shoulder Diagonals)  
As Needed & Directed by the Resident (Arrows, Stop Bars, Contingency)  
900  
8,964  
TOTAL

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

SO FT                      LOCATION                      (Surface Removal Only of Short Term)

IL 84  
Sta    338+44    -    444+71            Mainline  
Sta    454+35    -    513+25            Mainline  
Sta    518+92    -    525+31            Right Turn Lane  
Sta    525+31    -    536+53            Median @ 4 Stripes  
Sta    526+32    -    537+54            Left Turn Lane  
As Needed & Directed by the Resident (Shoulder Diagonals)  
As Needed & Directed by the Resident (Arrows, Stop Bars, Contingency)  
100.0  
996.0  
TOTAL

72501000 TERMINAL MARKER - DIRECT APPLIED

EACH                      LOCATION                      (See Standard 725001)

IL 84  
Sta    433+85    -    435+10            RT  
Sta    434+50    -    438+75            LT  
Sta    435+40    -    439+90            RT  
Sta    439+51    -    440+51            LT  
2  
8  
TOTAL

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SO FT                      LOCATION                      (See Pavement Marking Sheets)

IL 84  
Sta    521+75    -    524+88            4 Right Arrows  
Sta    525+92    -    528+55            4 Left Arrows  
62.4  
124.8  
TOTAL

Schedule of Quantities

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT                      LOCATION                      (See Pavement Marking Sheets)  
\*See General Note to Call Kurt Glazier

IL 84  
Sta    513+25    -    537+21            White Edge Lines  
Sta    513+25    -    524+59            Yellow Island, Double Line \*2  
Sta    525+26    -    528+28            Yellow Island, Double Line  
Sta    528+28    -    535+36            Yellow Island, Double Line \*2  
Sta    535+36    -    536+06            Yellow Island, Double Line  
Sta    536+06    -    537+21            \*No Pass SB w/ Skip Dash NB\*  
Sta    537+21    -    541+06            \*No Pass SB w/ Skip Dash NB\*  
485  
13,534  
TOTAL

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT                      LOCATION                      (See Pavement Marking Sheets)

IL 84  
Sta    518+49    -    521+29            Trots, 35 Each, 2' long, 6' gap  
Sta    521+29    -    524+56            Right turn lane to school  
Sta    525+26    -    528+06            Left turn lane to school  
Sta    528+06    -    530+86            Trots, 33 Each, 2' long, 6' gap  
66  
743  
TOTAL

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT                      LOCATION                      (See Pavement Marking Sheets)

IL 84  
Sta    513+25    -    524+59            Island, 36 diagonals, 30' centers  
Sta    528+28    -    535+96            Island, 23 diagonals, 30' centers  
350  
950  
TOTAL

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT                      LOCATION                      (See Pavement Marking Sheets)

IL 84  
Stop Bar at High School Entrance  
35  
35  
TOTAL

	USER NAME    = ankneyde	DESIGNED   -	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN    -	REVISED   -					308	103RS-3	JO DAVIESS	36	15
	PLOT SCALE    = 50.0000 ' / in.	CHECKED   -	REVISED   -					CONTRACT NO. 64K24				
	PLOT DATE    = Jan-22-2018 10:35:55 AM	DATE       -	REVISED   -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT	

Schedule of Quantities

78001110 PAINT PAVEMENT MARKING - LINE 4"

<u>FOOT</u>	<u>LOCATION</u>	(2 Applications of Paint)			
	IL 84				<u>White Paint</u>
21,254	Sta	338 + 44	-	444 + 71	EOP (LT & RT)
13,650	Sta	445 + 00	-	513 + 25	EOP (LT & RT)
	IL 84				<u>Yellow Paint</u>
730	Sta	338 + 44	-	342 + 09	Double No Pass Zone
612	Sta	342 + 09	-	346 + 91	No Pass NB w/ Skip Dash SB
1,114	Sta	346 + 91	-	355 + 75	No Pass SB w/ Skip Dash NB
110	Sta	355 + 75	-	360 + 15	Skip Dash Only
1,345	Sta	360 + 15	-	370 + 90	No Pass NB w/ Skip Dash SB
4,336	Sta	370 + 90	-	392 + 58	Double No Pass Zone
1,312	Sta	392 + 58	-	403 + 00	No Pass SB w/ Skip Dash NB
170	Sta	403 + 00	-	409 + 75	Skip Dash Only
1,235	Sta	409 + 75	-	419 + 60	No Pass NB w/ Skip Dash SB
760	Sta	419 + 60	-	423 + 40	Double No Pass Zone
1,672	Sta	423 + 40	-	436 + 72	No Pass SB w/ Skip Dash NB
1,616	Sta	436 + 72	-	444 + 80	Double No Pass Zone
	Bridge Gap				
142	Sta	454 + 35	-	455 + 47	No Pass SB w/ Skip Dash NB
40	Sta	455 + 47	-	457 + 07	Skip Dash Only
1,423	Sta	457 + 07	-	468 + 40	No Pass NB w/ Skip Dash SB
8,970	Sta	468 + 40	-	513 + 25	Double No Pass Zone
<hr/> 60,491	SUB-TOTAL				
	X 2 applications				
<hr/> 120,982	TOTAL				

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>EACH</u>	<u>LOCATION</u>	(See Standard 781001)			
IL 84					
133	Sta	338 + 44	-	444 + 71	Two-way Amber - 80' o.c.
86	Sta	445 + 00	-	513 + 25	Two-way Amber - 80' o.c.
Painted Island at River Ridge High School					
58	Sta	513 + 25	-	524 + 59	One-way Amber - 40' o.c. * 2
56	Sta	525 + 26	-	536 + 06	One-way Amber - 40' o.c. * 2
Turn lanes at River Ridge High School					
9	Sta	521 + 29	-	524 + 56	One-way Crystal - 40' o.c.
<u>8</u>	Sta	525 + 26	-	528 + 06	One-way Crystal - 40' o.c.
<u>350</u>	TOTAL				

78200005 GUARDRAIL MARKERS, TYPE A

<u>EACH</u>	<u>LOCATION</u>	(See Standard 782006)			
	IL 84				
4	Sta	433 + 85	-	435 + 10	RT
6	Sta	434 + 50	-	438 + 75	LT
6	Sta	435 + 40	-	439 + 90	RT
4	Sta	439 + 51	-	440 + 51	LT
<hr/> 20	TOTAL				

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>LOCATION</u>				
	IL 84				
35	Sta	338 + 44	-	513 + 25	2 lane section
88	Sta	513 + 25	-	536 + 06	High school painted island
<hr/> 123	TOTAL				

X2800400 PERIMETER EROSION BARRIER, SPECIAL

<u>FOOT</u>	<u>LOCATION</u>	(See Dist Std 8.4)			
	IL 84				
200	Sta	437 + 50.0	-	439 + 50.0	RT
<hr/> 200	TOTAL				

X6062700 CONCRETE GUTTER, TYPE A (SPECIAL)

<u>FOOT</u>	<u>LOCATION</u>	(See Dist Std 36.4)			
IL 84					
250	Sta	338 + 44.0	-	339 + 12.0	RT
400	Sta	385 + 00	-	396 + 85.0	RT
575	Sta	420 + 95.0	-	433 + 40.0	RT
275	Sta	361 + 25.0	-	377 + 00	LT
100	Sta	385 + 00	-	394 + 30.0	LT
50	Sta	405 + 17.0	-	409 + 25.0	LT
50	Sta	414 + 46.0	-	419 + 40.0	LT
<hr/> 1,700	TOTAL				

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		DRAWN -	REVISED -				308	103RS-3	JO DAVIESS	36	16
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 64K24				
	PLOT DATE = Jan-22-2018 10:35:55 AM	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



Schedule of Quantities

Z0004405 HOT-MIX ASPHALT SCARIFICATION

<u>SO YD</u>	<u>LOCATION</u>					
	IL 84					Width, FT
144	Sta	339 + 12	-	340 + 20	LT	12
3,005	Sta	340 + 20	-	361 + 00	LT	13
3,524	Sta	455 + 03	-	479 + 42.5	LT	13
4,301	Sta	483 + 92.5	-	513 + 70	LT	13
3,298	Sta	513 + 70	-	536 + 53	LT	13
144	Sta	339 + 12	-	340 + 20	RT	12
3,005	Sta	340 + 20	-	361 + 00	RT	13
3,524	Sta	455 + 03	-	479 + 42.5	RT	13
4,301	Sta	483 + 92.5	-	513 + 70	RT	13
2,258	Sta	513 + 70	-	521 + 75	RT	12 - 38.5
1,998	Sta	521 + 75	-	526 + 42	RT	38.5
1,496	Sta	526 + 42	-	531 + 50	RT	26.5
1,076	Sta	531 + 50	-	536 + 53	RT	26.5 - 12
	IL 84 - LT Shoulder					
137	Sta	338 + 89	-	340 + 20	LT	7
1,015	Sta	513 + 70	-	536 + 53	LT	4
	IL 84 - RT Shoulder					
137	Sta	338 + 89	-	340 + 20	RT	7
<u>1,016</u>	Sta	513 + 70	-	536 + 53	RT	4
34,379	TOTAL					

Z0033700 LONGITUDINAL JOINT SEALANT

<u>FOOT</u>	<u>LOCATION</u> (See Written Special Provision)				
	IL 84				
19,877	Sta	338 + 44.0	-	537 + 21.0	Center Line (Mainline)
2,281	Sta	513 + 25.0	-	536 + 06	Center Median/RT Turn Lane
<u>638</u>	Sta	518 + 49.0	-	524 + 87.0	LT Turn Lane
22,796	TOTAL				

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		DRAWN -	REVISED -					308	103RS-3	JO DAVIESS	36	17
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 64K24				
	PLOT DATE = Jan-22-2018 10:35:55 AM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

HMA SCHEDULE

**40600290**    ***40603310****    ***40600525****    ***40600627****    48102100										
Location	Remarks	Length	Proposed Pavement Surface		Bituminous Materials (Tack Coat)	Hot-Mix Asphalt Surface Course Mix "C" , N50	Level Binder Hand Method N50	Level Binder Machine Method IL-9.5FG, N50	Aggregate Wedge Shoulders, Type B	
		Feet	Width	Sq Yd	Pounds	Ton	Ton	Ton	Ton	
IL 84 - RT Main Line										
Bridge over Duke Creek										
Sta 338 +44 - 339 +12	Butt Joint	68	12	91	61.2	7.6	0.1	5.1	5.9	
Sta 339 +12 - 340 +20		108	12	143	96.8	12.1	0.2	8.0	9.3	
Sta 340 +20 - 362 +16		2,196	13	3,172	2,141.1	266.4	4.2	177.6	190.1	
Sta 362 +16 - 377 +31		1,515	13	2,188	1,477.1	183.8	2.9	122.5		
Sta 377 +31 - 385 +44		813	13	1,174	792.7	98.6	1.5	65.8	70.4	
Sta 385 +44 - 397 +29		1,185	13	1,712	1,155.4	143.8	2.2	95.9		
Sta 397 +29 - 421 +40		2,411	13	3,483	2,350.7	292.5	4.6	195.0	208.7	
Sta 421 +40 - 433 +92		1,252	13	1,808	1,220.7	151.9	2.4	101.3		
Sta 433 +92 - 444 +03		1,011	13	1,460	985.7	122.7	1.9	81.8	87.5	
Sta 444 +03 - 444 +71		68	12	91	61.2	7.6	0.1	5.1	5.9	
Paving Gap										
Sta 454 +35 - 455 +03	Butt Joint	68	12	91	61.2	7.6	0.1	5.1	5.9	
Sta 455 +03 - 513 +70		5,867	13	8,475	5,720.3	711.9	11.1	474.6	507.8	
Sta 513 +70 - 521 +75		805	12-38.5	2,258	1,524.5	189.7	1.5	126.5	69.7	
Sta 521 +75 - 526 +42		467	38.5	1,998	1,348.5	167.8	0.9	111.9	40.4	
Sta 526 +42 - 531 +50		508	26.5	1,496	1,009.7	125.6	1.0	83.8	44.0	
Sta 531 +50 - 536 +53		503	26.5-12	1,076	726.2	90.4	1.0	60.2	43.5	
Sta 536 +53 - 537 +21	Butt Joint	68	13	98	66.3	8.3	0.1	5.5	5.9	
IL 84 - LT Main Line										
Bridge over Duke Creek										
Sta 338 +44 - 339 +12	Butt Joint	68	12	91	61.2	7.6	0.1	5.1	5.9	
Sta 339 +12 - 340 +20		108	12	143	96.8	12.1	0.2	8.0	9.3	
Sta 340 +20 - 362 +16		2,196	13	3,172	2,141.1	266.4	4.2	177.6	190.1	
Sta 362 +16 - 377 +11		1,495	13	2,159	1,457.6	181.4	2.8	120.9		
Sta 377 +11 - 385 +44		833	13	1,203	812.2	101.1	1.6	67.4	72.1	
Sta 385 +44 - 394 +69		925	13	1,336	901.9	112.2	1.8	74.8		
Sta 394 +69 - 405 +70		1,101	13	1,590	1,073.5	133.6	2.1	89.1	95.3	
Sta 405 +70 - 409 +75		405	13	585	394.9	49.1	0.8	32.8		
Sta 409 +75 - 414 +97		522	13	754	509.0	63.3	1.0	42.2	45.2	
Sta 414 +97 - 419 +60		463	13	669	451.4	56.2	0.9	37.5		
Sta 419 +60 - 444 +03		2,443	13	3,529	2,381.9	296.4	4.6	197.6	211.5	
Sta 444 +03 - 444 +71		68	12	91	61.2	7.6	0.1	5.1	5.9	
Paving Gap										
Sta 454 +35 - 455 +03	Butt Joint	68	12	91	61.2	7.6	0.1	5.1	5.9	
Sta 455 +03 - 480 +35		2,532	13	3,657	2,468.7	307.2	4.8	204.8	219.2	
Sta 480 +35 - 482 +85		250	13	361	243.8	30.3	0.5	20.2		
Sta 482 +85 - 513 +70		3,085	13	4,456	3,007.9	374.3	5.8	249.5	267.0	
Sta 513 +70 - 536 +53		2,283	12	3,044	2,054.7	255.7	4.3	170.5	197.6	
Sta 536 +53 - 537 +21	Butt Joint	68	13	98	66.3	8.3	0.1	5.5	5.9	
TOTAL		18,912.6		57,843.7	39,044.5	4,858.9	71.6	3,239.2	2,625.7	

\*\*Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts  
\*\*\*Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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	USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISD -	REVISED -						308	103RS-3	JO DAVIESS	36	18
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	PLOT DATE = 1/12/2018	DATE -	REVISED -						ILLINOIS    FED. AID PROJECT				

HMA SCHEDULE

\*\*40600290 \*\*\*40603310\*\*\*

Location	Length	Proposed Shoulder Surface		Bituminous Materials (Tack Coat)	Hot-Mix Asphalt Surface Course, Mix "C", N50
	Feet	Width	Sq Yd	Pounds	Ton
IL 84 - RT Shoulder					
Bridge over Duke Creek					
Sta 338 + 44 - 339 + 12	68	7	53	23.8	7.4
Sta 339 + 12 - 340 + 20	108	7	84	37.7	11.7
Sta 340 + 20 - 362 + 16	2,196	0	0	0.0	0.0
Sta 362 + 16 - 377 + 31	1,515	0	0	0.0	0.0
Sta 377 + 31 - 385 + 44	813	0	0	0.0	0.0
Sta 385 + 44 - 397 + 29	1,185	0	0	0.0	0.0
Sta 397 + 29 - 421 + 40	2,411	0	0	0.0	0.0
Sta 421 + 40 - 433 + 92	1,252	0	0	0.0	0.0
Sta 433 + 92 - 444 + 3	1,011	0	0	0.0	0.0
Sta 444 + 3 - 444 + 71	68	4	30	13.6	4.2
Paving Gap					
Sta 454 + 35 - 455 + 3	68	4	30	13.6	4.2
Sta 455 + 3 - 513 + 70	5,867	0	0	0.0	0.0
Sta 513 + 70 - 521 + 75	805	4	358	161.0	50.1
Sta 521 + 75 - 526 + 42	467	4	208	93.4	29.1
Sta 526 + 42 - 531 + 50	508	4	226	101.6	31.6
Sta 531 + 50 - 536 + 53	503	4	224	100.6	31.3
Sta 536 + 53 - 537 + 21	68	0	0	0.0	0.0
IL 84 - LT Shoulder					
Bridge over Duke Creek					
Sta 338 + 44 - 339 + 12	68	7	53	23.8	7.4
Sta 339 + 12 - 340 + 20	108	7	84	37.7	11.7
Sta 340 + 20 - 362 + 16	2,196	0	0	0.0	0.0
Sta 362 + 16 - 377 + 11	1,495	0	0	0.0	0.0
Sta 377 + 11 - 385 + 44	833	0	0	0.0	0.0
Sta 385 + 44 - 394 + 69	925	0	0	0.0	0.0
Sta 394 + 69 - 405 + 70	1,101	0	0	0.0	0.0
Sta 405 + 70 - 409 + 75	405	0	0	0.0	0.0
Sta 409 + 75 - 414 + 97	522	0	0	0.0	0.0
Sta 414 + 97 - 419 + 60	463	0	0	0.0	0.0
Sta 419 + 60 - 444 + 3	2,443	0	0	0.0	0.0
Sta 444 + 3 - 444 + 71	68	4	30	13.6	4.2
Paving Gap					
Sta 454 + 35 - 455 + 3	68	12	91	40.8	12.7
Sta 455 + 3 - 480 + 35	2,532	0	0	0.0	0.0
Sta 480 + 35 - 482 + 85	250	0	0	0.0	0.0
Sta 482 + 85 - 513 + 70	3,085	0	0	0.0	0.0
Sta 513 + 70 - 536 + 53	2,283	4	1015	456.6	142.1
Sta 536 + 53 - 537 + 21	68	0	0	0.0	0.0
TOTAL	18,912.6		2,483.8	1,117.7	347.7

\*\*Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts

\*\*\*Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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	USER NAME   = ankneyde	DESIGNED   -	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA SCHEDULE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN    -	REVISED   -							308	103RS-3	JO DAVIESS	36	19
	PLOT SCALE   = 100.0000 ' / in.	CHECKED   -	REVISED   -							CONTRACT NO. 64K24				
	PLOT DATE    = 1/12/2018	DATE       -	REVISED   -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			

IL 84 ENTRANCES / SIDEROADS

								40600982	40600990	35101400	***40800050***	**40600290**	48102100
STATION	REMARKS	OPENING @ EOP FT	RUN LENGTH FT	ENTRANCE WIDTH FT	DISTANCE BEYOND THROAT	FINAL WIDTH FT	HMA AREA SQ YD	HMA BUTT JOINT SQ YD	TEMPORARY RAMP SQ YD	AGGREGATE BASE CS, TY B TON	INCIDENTAL HMA SURFACING TON	BIT MAT (TACK COAT) POUND	AGG WEDGE SHLDR, TY B TON
IL 84	RT - NB Lane												
338 + 70	FE - RT	41	12	21	22	20	91.4				14.1	41.2	2.1
340 + 32	FE - RT	40	20	20			66.7				10.3	30.0	1.2
341 + 62	PE w/ MB - RT	31	10	15	16	12	73.9				11.4	33.2	1.6
361 + 00	FE - RT	32	5	28			16.7				2.6	7.5	0.3
366 + 25	FE - RT (Type A gutter)												
390 + 10	PE - RT (Type A gutter)												
404 + 50	FE - RT	25	3	20			7.5				1.2	3.4	0.2
414 + 14	MB Turnout- RT	92	5	26			32.8				5.0	14.8	0.3
420 + 79	PE w/ MB - RT	87	4	25	40	18	120.4				18.5	54.2	2.7
436 + 32	FE - RT	32	8	16			21.3				3.3	9.6	0.5
440 + 67	FE - RT	32	12	26			38.7				6.0	17.4	0.7
440 + 80	MB Turnout- RT - NEW	110	6	20			43.3			24.5	8.2	19.5	0.4
480 + 15	MB Turnout- RT	85	6	25			36.7				5.6	16.5	0.4
484 + 05	FE - RT	25	4	20			10.0				1.5	4.5	0.2
494 + 41	Sideroad/PE - RT	95	15	40	34	16	218.3	17.8	13.3		33.6	98.2	3.0
496 + 16	MB Turnout- RT	85	6	25			36.7				5.6	16.5	0.4
502 + 86	PE w/ MB - RT	55	15	38	30	16	187.7				28.9	84.5	2.8
509 + 90	MB Turnout- RT - NEW	110	6	20			43.3			24.5	8.2	19.5	0.4
525 + 31	CE - River Ridge - RT	135	16	82			192.9	192.9	68.3		29.7	86.8	1.0
					SUBTOTAL RT			210.7	81.7	49.0	193.7	557.2	18.3
IL 84	LT - SB Lane												
341 + 40	FE - LT	28	2	25			5.9				0.9	2.7	0.1
360 + 56	FE - LT	27	2	24			5.7				0.9	2.6	0.1
374 + 66	PE - LT (Type A gutter)												
386 + 00	FE - LT (Type A gutter)												
394 + 07	FE - LT (Type A gutter)												
403 + 70	FE - LT	35	2	32			7.4				1.1	3.4	0.1
414 + 14	PE - LT	54	25	18			100.0				15.4	45.0	1.6
438 + 87	Saw Mill Road	88	35	26	35	26	322.8	28.9	21.7		49.7	145.3	4.3
440 + 75	PE - LT	30	2	28	35	14	88.1				13.6	39.7	2.3
460 + 70	FE - LT	28	2	26			6.0				0.9	2.7	0.1
480 + 15	PE - LT	44	12	20	15	15	71.8				11.1	32.3	1.7
496 + 16	PE - LT	52	18	20	18	16	108.0				16.6	48.6	2.2
505 + 67	FE - LT	32	2	30			6.9				1.1	3.1	0.1
510 + 10	PE - LT	43	15	18	22	14	89.9				13.9	40.5	2.3
515 + 20	FE - LT (Agg only)	30	4										0.2
520 + 85	FE - LT (Agg only)	30	4										0.2
535 + 50	FE - LT (Agg only)	30	4										0.2
					SUBTOTAL LT			28.9	21.7	0.0	125.1	365.7	15.7
					GRAND TOTAL			239.6	103.3	49.0	318.9	922.9	34.0

\*\*Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts

\*\*\*Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

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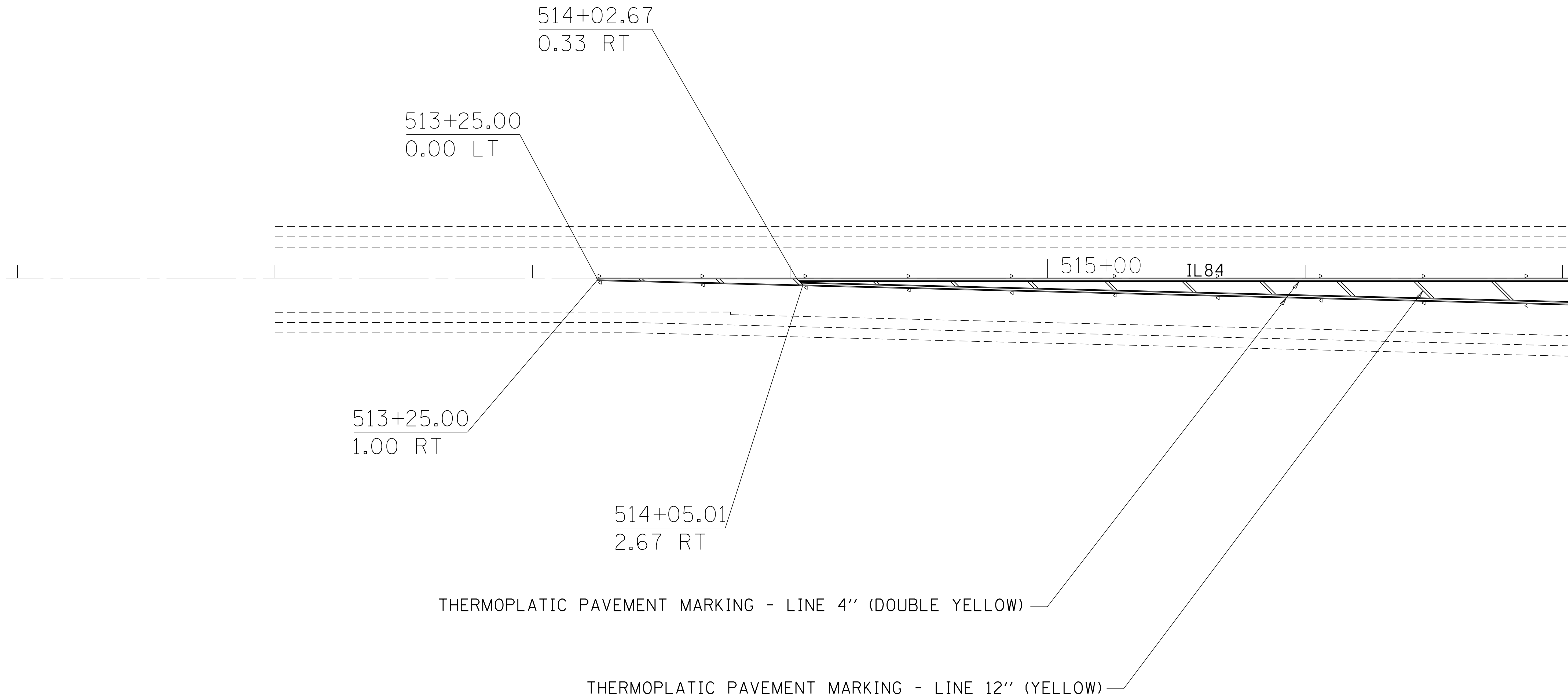
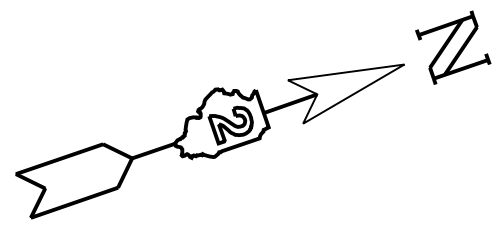
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	PLOT DATE = 1/12/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PATCHING SCHEDULE

12-13 FOOT LANE WIDTH				44002232		40601005	
STATION	REMARKS	LENGTH OF PATCH		HMA REMOVAL OVER PATCHES, 8"		HMA REPLACEMENT OVER PATCHES	
		LT (FOOT)	RT (FOOT)	LT (SQ YD)	RT (SQ YD)	LT (TON)	RT (TON)
IL 84							
366 + 76	Within Gutter Full lane		15		20.0		9.0
367 + 96	Outside 1/2 of lane		20		13.3		6.0
374 + 89	Outside 1/2 of lane		120		80.0		35.8
375 + 58	Outside 1/2 of lan	280		186.7		83.6	
375 + 92	Outside 1/2 of lane		25		16.7		7.5
376 + 70	Outside 1/2 of lane		80		53.3		23.9
378 + 20	Outside 1/2 of lan	55		36.7		16.4	
387 + 94	Outside 1/2 of lan	70		46.7		20.9	
390 + 30	Outside 1/2 of lane		35		23.3		10.5
395 + 65	Outside 1/2 of lan	255		170.0		76.2	
403 + 70	Outside 1/2 of lan	25		16.7		7.5	
404 + 90	Over AR Culvt whol	25	25	36.1	36.1	16.2	16.2
406 + 35	Outside 1/2 of lan	85		56.7		25.4	
408 + 18	Outside 1/2 of lan	40		26.7		11.9	
414 + 10	Outside 1/2 of lan	40		26.7		11.9	
416 + 20	Full lane		15		21.7		9.7
417 + 50	Full lane		25		36.1		16.2
419 + 95	Outside 1/2 of lane		35		23.3		10.5
428 + 12	Outside 1/2 of lane		145		96.7		43.3
430 + 18	Outside 1/2 of lane		52		34.7		15.5
SUBTOTALS				602.8	455.2	270.0	203.9
GRAND TOTAL				1,058.0		474.0	

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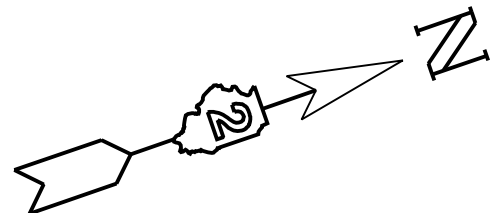
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												ILLINOIS	FED. AID PROJECT		



- TWO-WAY AMBER
- ONE-WAY AMBER
- ONE-WAY CRYSTAL

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		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 517+00

MATCH LINE STA. 523+00

IL84 | 520+00

518+45.00  
14.00 RT

518+49.00  
26.68 RT

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

521+29.00  
26.67 RT

- ◇ TWO-WAY AMBER
- ◁ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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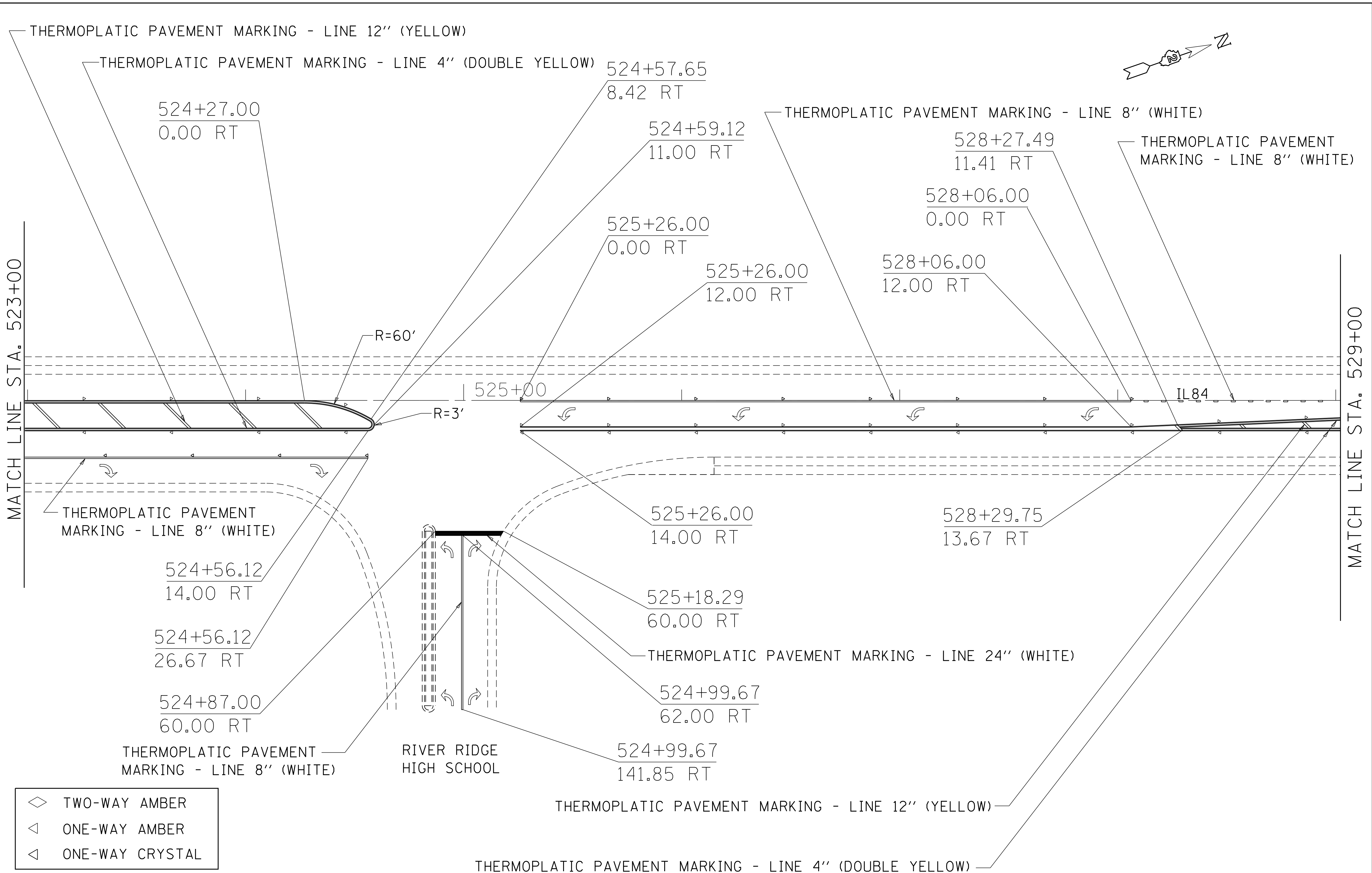
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103RS-3	JO DAVIESS	36	23
CONTRACT NO. 64K24				
ILLINOIS FED. AID PROJECT				

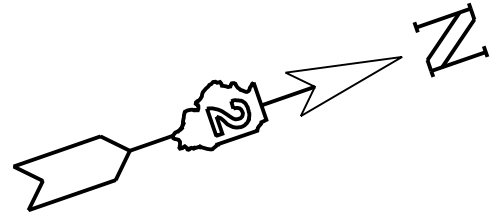
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- ◇ TWO-WAY AMBER
- ◁ ONE-WAY AMBER
- ◁ ONE-WAY CRYSTAL

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	DRAWN -		CHECKED -	REVISED -						308	103RS-3	JO DAVIESS	36	24
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MATCH LINE STA. 529+00

MATCH LINE STA. 535+00

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

530+70.00  
0.01 LT

530+86.00  
0.00 RT

530+00

IL 84

530+86.00  
14.00 RT

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)

- ◇

TWO-WAY AMBER
- ◁

ONE-WAY AMBER
- ◁

ONE-WAY CRYSTAL

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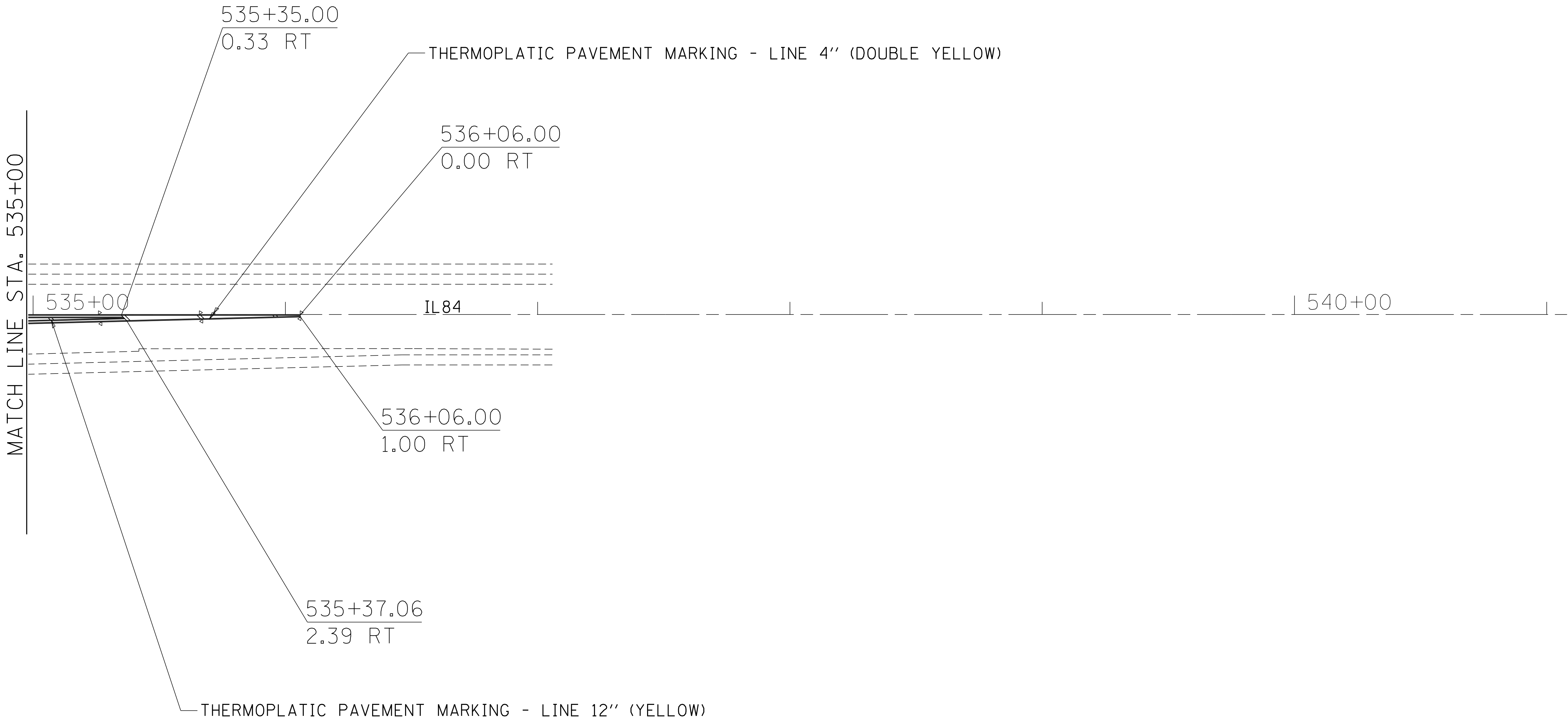
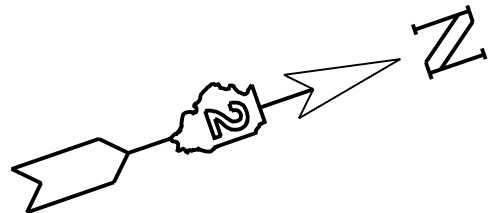
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103RS-3	JO DAVIESS	36	25
CONTRACT NO. 64K24				
ILLINOIS FED. AID PROJECT				



	TWO-WAY AMBER
	ONE-WAY AMBER
	ONE-WAY CRYSTAL

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		DATE -	REVISED -						ILLINOIS	FED. AID PROJECT	

THIS WORK SHALL BE DONE IN ACCORDANCE TO THE APPLICABLE PORTIONS OF SECTION 630.23 OF THE STANDARD SPECIFICATIONS.

POST SPACING SHALL BE 6'-3".

STEEL PLATE BEAM GUARDRAIL SHALL BE ACCORDING TO THE REQUIREMENTS OF AASHTO M 180, TYPE 1, CLASS A.

STEEL PLATE BEAM GUARDRAIL AND STEEL POSTS SHALL BE IN ACCORDANCE WITH ARTICLES 1006.23 AND 1006.25 OF THE STANDARD SPECIFICATIONS.

ALL SECTIONS OF GUARDRAIL SHALL BE BOLTED TOGETHER.

RAIL ELEMENTS SHALL BE BOLTED TO POST.

BOTTOM OF RAIL SHALL BE EMBEDDED INTO THE FORESLOPE UNTIL NO GAP EXISTS BETWEEN THE BOTTOM OF THE RAIL AND THE EXISTING GROUND.

GEOTEXTILE FABRIC SHALL BE PLACED BEHIND THE RAIL ELEMENT AND ON THE GROUND BEHIND THE EXISTING GUARDRAIL BEFORE PLACING THE AGGREGATE WEDGE SHOULDERS. THE INSTALLATION AND MATERIAL FOR GEOTEXTILE FABRIC SHALL BE ACCORDING TO SECTION 210 OF THE STANDARD SPECIFICATIONS.

AT LOCATIONS WHERE THERE ARE GAPS UNDER THE RAIL ANOTHER RAIL ELEMENT SHALL BE PLACED BELOW THE FIRST RAIL AND BOLTED TO IT. THE ADDITIONAL RAIL ELEMENTS WILL BE PAID AT THE CONTRACT UNIT PRICE PER FOOT FOR STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL).

STEEL PLATE BEAM GUARDRAIL, 6' STEEL GUARDRAIL POSTS, AND GEOTEXTILE FABRIC SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PERIMETER EROSION BARRIER, SPECIAL.

AGGREGATE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE WEDGE SHOULDER, TYPE B.

REVISED - 1-05-16  
REVISED - 9-16-11

## 8.4

THIS WORK SHALL BE DONE IN ACCORDANCE WITH THIS DETAIL AND STANDARD 606101  
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR  
CONCRETE GUTTER, TYPE A (SPECIAL).

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISÉ - 10-03-11

## 36.4

Diagram illustrating a cross-section of a road repair project. The diagram shows a horizontal cross-section of a road surface. The top layer is labeled "EXISTING HOT-MIX ASPHALT SURFACE". Below this is a layer of "EXISTING PAVEMENT". A central section is labeled "HOT-MIX ASPHALT REPLACEMENT OVER PATCHES". To the right of this section is a layer labeled "HOT-MIX ASPHALT REMOVAL OVER PATCHES OVER 8\"". A dimension line indicates a distance of "8\" OR MORE" between the replacement and removal areas. A vertical line is labeled "SAW CUT/SCORING EXIST. HOT-MIX ASPHALT SURFACE (THIS JOINT MUST BE VERTICAL)". A note on the right side states: "LIFT P... TO BE... IN TWO... 2\" MIN... TOP LIF...".

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REPLACE HOT-MIX ASPHALT SURFACE.

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

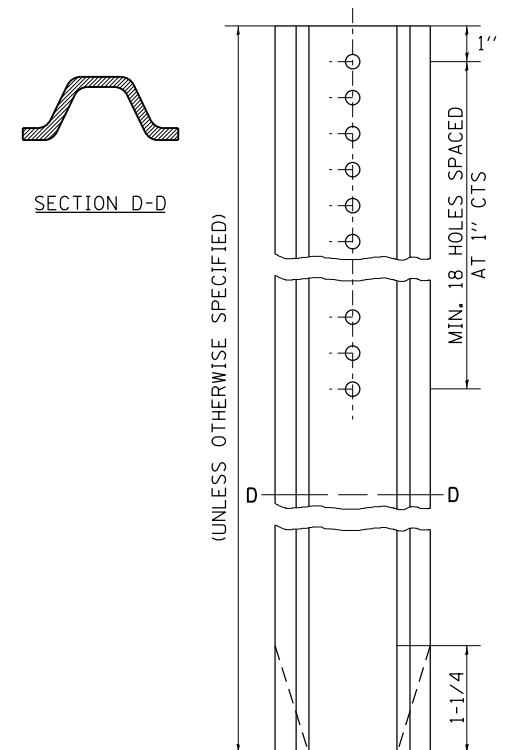
REVISÉ - 10-03-11

### 33.4

A diagram of a post-and-rail delineator. It consists of a vertical post mounted on a horizontal rail. The rail has a raised, hump-like profile. An arrow points upwards from the left, labeled "DIRECTION OF TRAFFIC". Labels "POST" and "DELINEATOR" point to the respective parts of the device.

DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

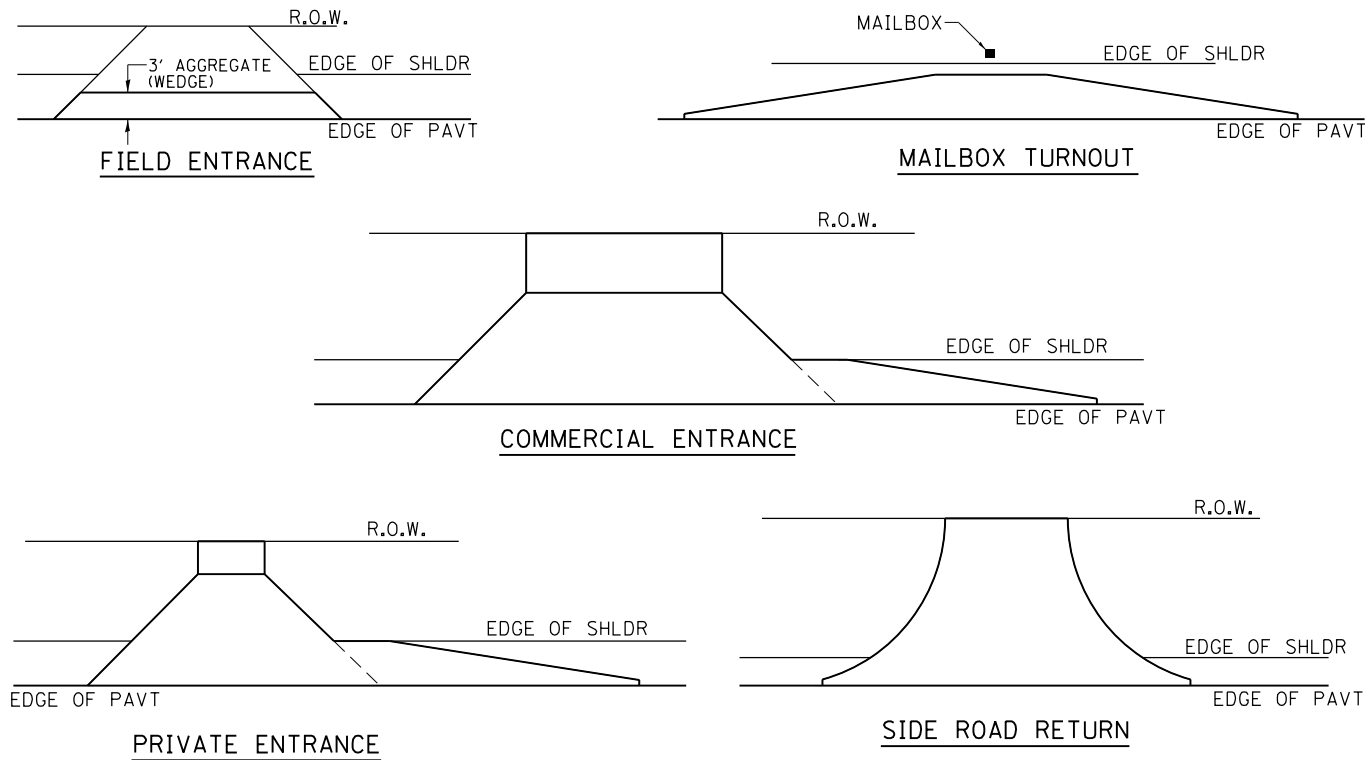


REVISED - 10-03-11	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					308	103RS-3	JO DAVIESS	36	27
REVISED -					CONTRACT NO. 64K24				
REVISED -	SCALE: 100.0000' = 1" H.	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

## 37.4

PLOT DATE = 1/12/2018

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS

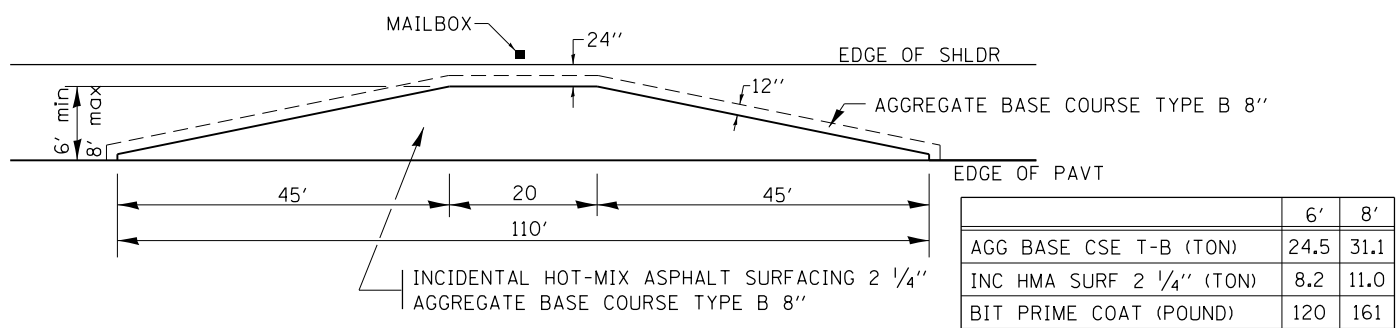


NOTE: EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS  
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

EXISTING AGG. PE's & CE's  
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on existing entrance to conform to the present configuration.

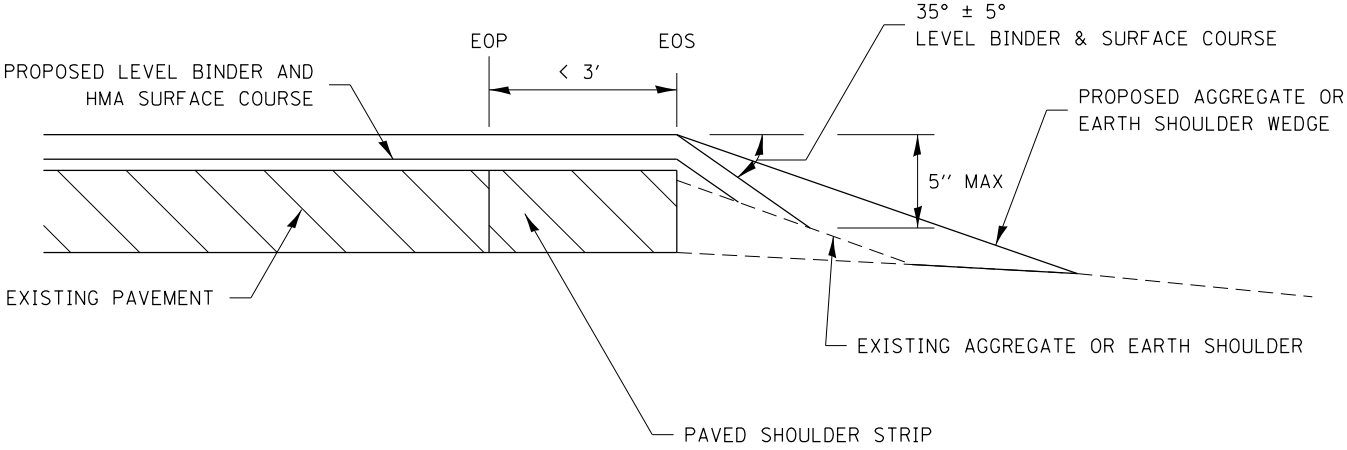
EXISTING AGG. SIDEROADS  
Place 3" Incidental Hot-Mix Asphalt Surfacing on sideroad to conform to the present configuration.

EXISTING AGG. MAILBOX TURNOUTS  
Existing Agg. Mailbox Turnouts shall be constructed as shown below.

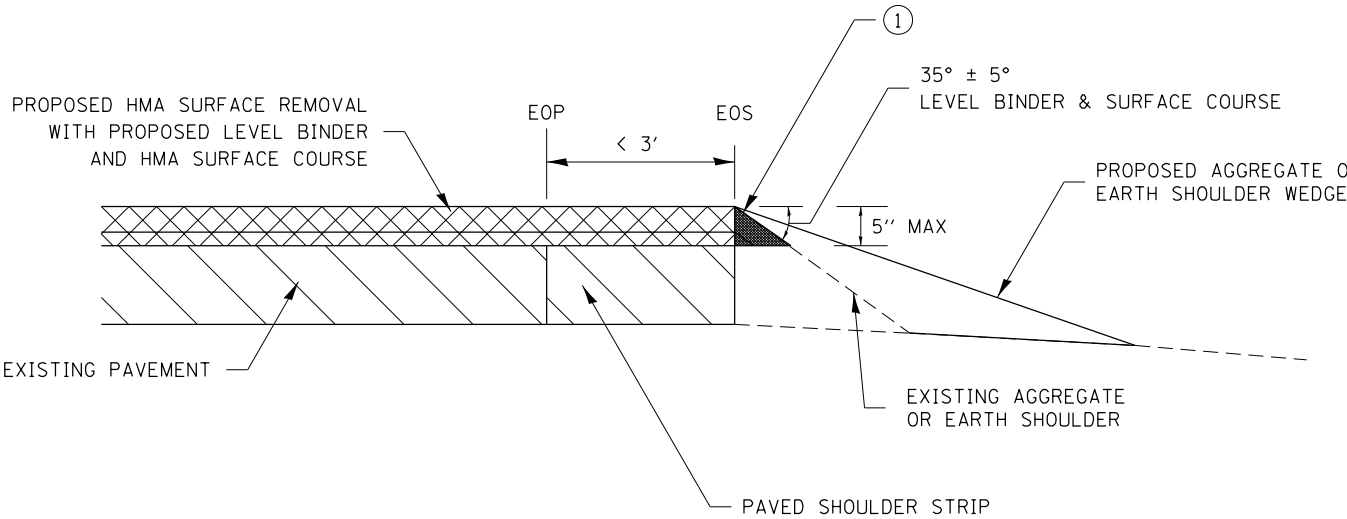


REVISED - 1-05-16  
REVISED - 7-21-15  
REVISED - 6-27-14  
REVISED - 10-21-08

SAFETY EDGE ( 3P PROJECTS )



NO MILLING: ADJACENT SHOULDER FLUSH WITH OR LOWER THAN EXISTING PAVEMENT



MILLING: WITH ADJACENT SHOULDER FLUSH WITH OR HIGHER THAN MILLED SURFACE

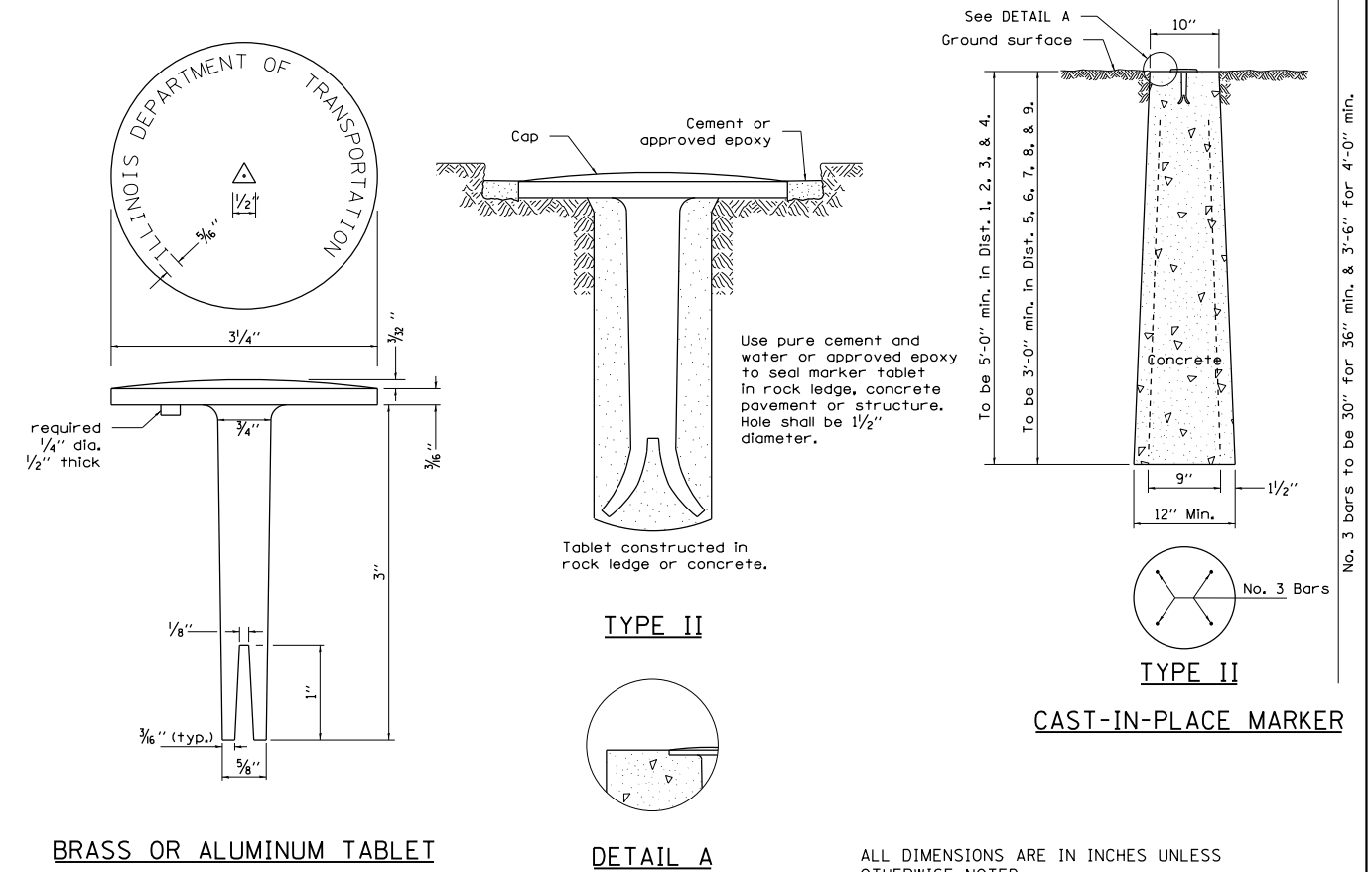
NOTES : THE DEVICE WHICH FORMS THE SAFETY EDGE SHALL BE MOUNTED ON THE PAVER SCREED AGAINST THE END GATE AND SHALL BE REMOVABLE OR BE ABLE TO BE LIFTED WHEN NOT IN USE. THE DEVICE SHALL BE DESIGNED TO MAINTAIN CONTACT WITH SURFACE OF THE SHOULDER AND ALLOW AUTOMATIC TRANSITION TO CROSS ROADS, DRIVEWAYS AND OBSTRUCTIONS. THE DEVICE SHALL ALSO CONSTRAIN THE HMA MATERIAL AND INCREASE THE CONSOLIDATION OF THE EXTRUDED PROFILE. THE USE OF A CONVENTIONAL SINGLE PLATE STRIKE-OFF WILL NOT BE ALLOWED.

ROLLERS WILL NOT BE ALLOWED ON THE SLOPED FACE OF THE SAFETY EDGE.

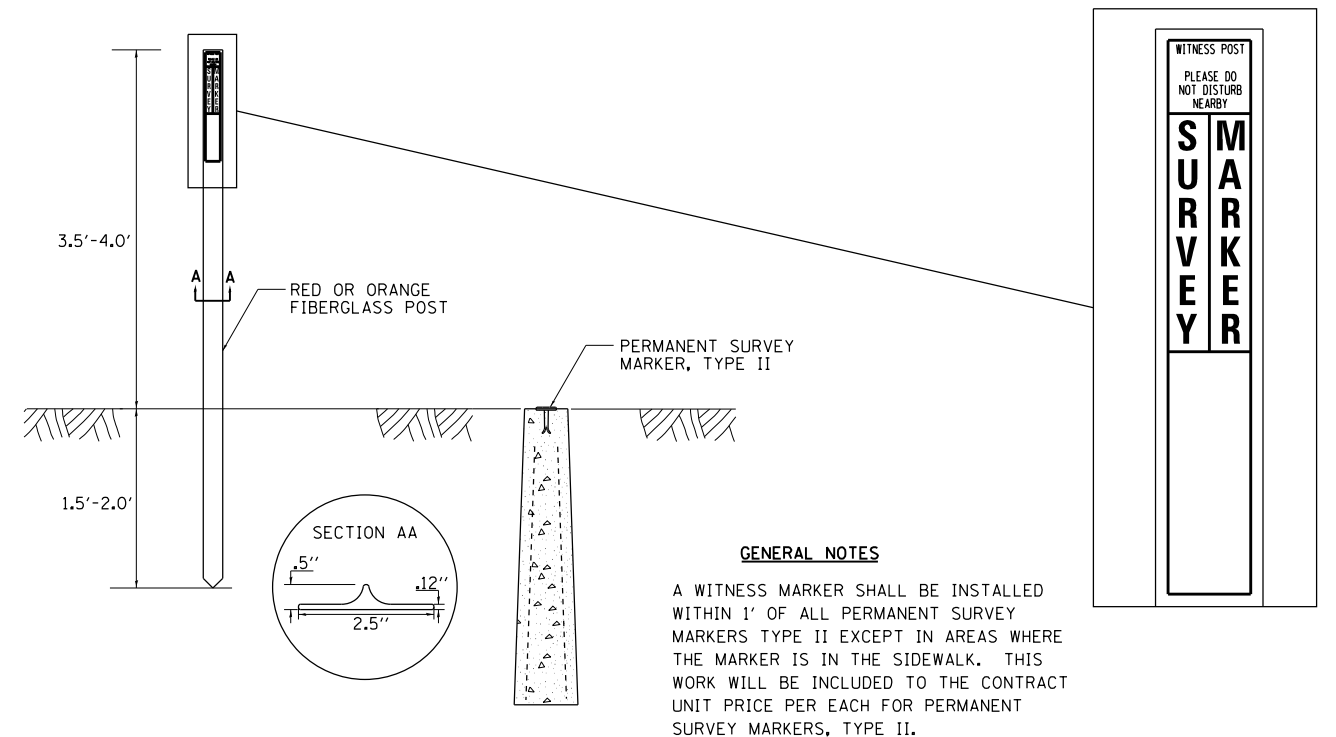
1 PRIOR TO THE PLACEMENT OF THE HMA SAFETY EDGE, IF THE ADJACENT AGGREGATE OR EARTH SHOULDER IS HIGHER THAN THE MILLED SURFACE, THE AREA REQUIRED FOR PLACEMENT OF THE SAFETY EDGE SHALL BE BROUGHT FLUSH WITH THE MILLED SURFACE IN A MANNER APPROVED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE OF THE TYPE SPECIFIED.

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-11-13					308	103RS-3	JO DAVIESS	36	28
REVISED -					CONTRACT NO. 64K24				
REVISED -	SCALE: 100.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

## PERMANENT SURVEY MARKERS, TYPE II



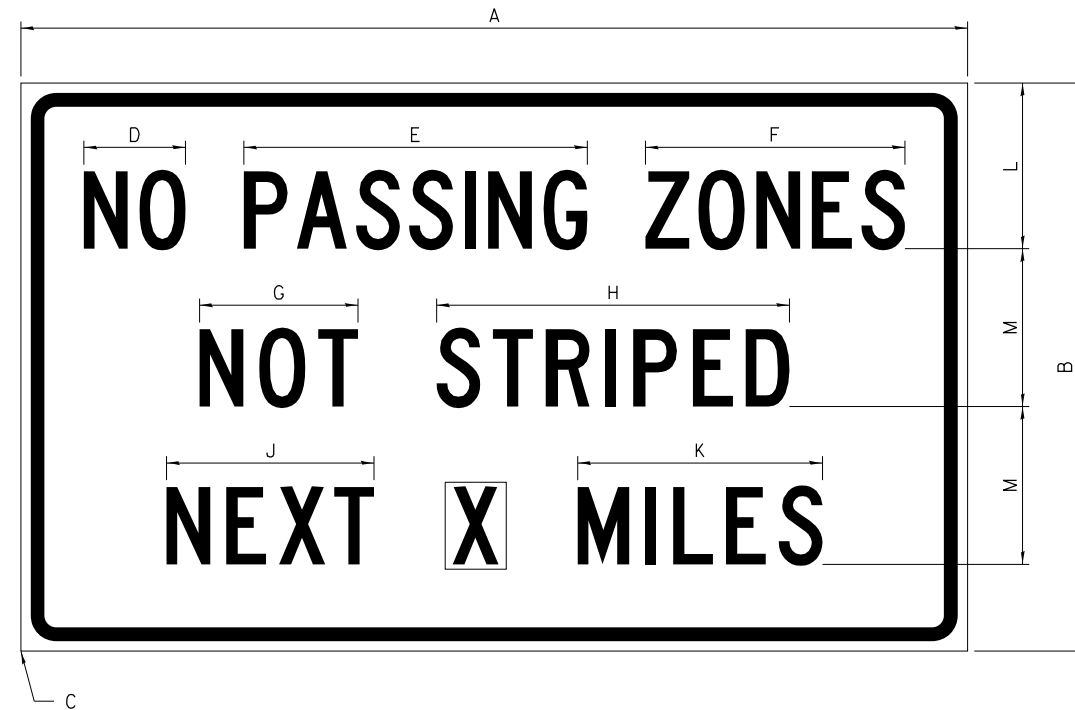
**WITNESS MARKER FOR PERMANENT  
SURVEY MARKERS, TYPE II**



REVISED - 6-27-14	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-14-11					308	103RS-3	JO DAVIESS	36	29
REVISED -									
REVISED -					SCALE: 100.0000' = 1" SHEET NO. OF SHEETS STA. TO STA.				
					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 64K24	

## WORK ZONE SIGN DETAILS

# ILLINOIS STANDARD G20-I100



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	-----------------	------------------------------------

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

## GENERAL NOTES

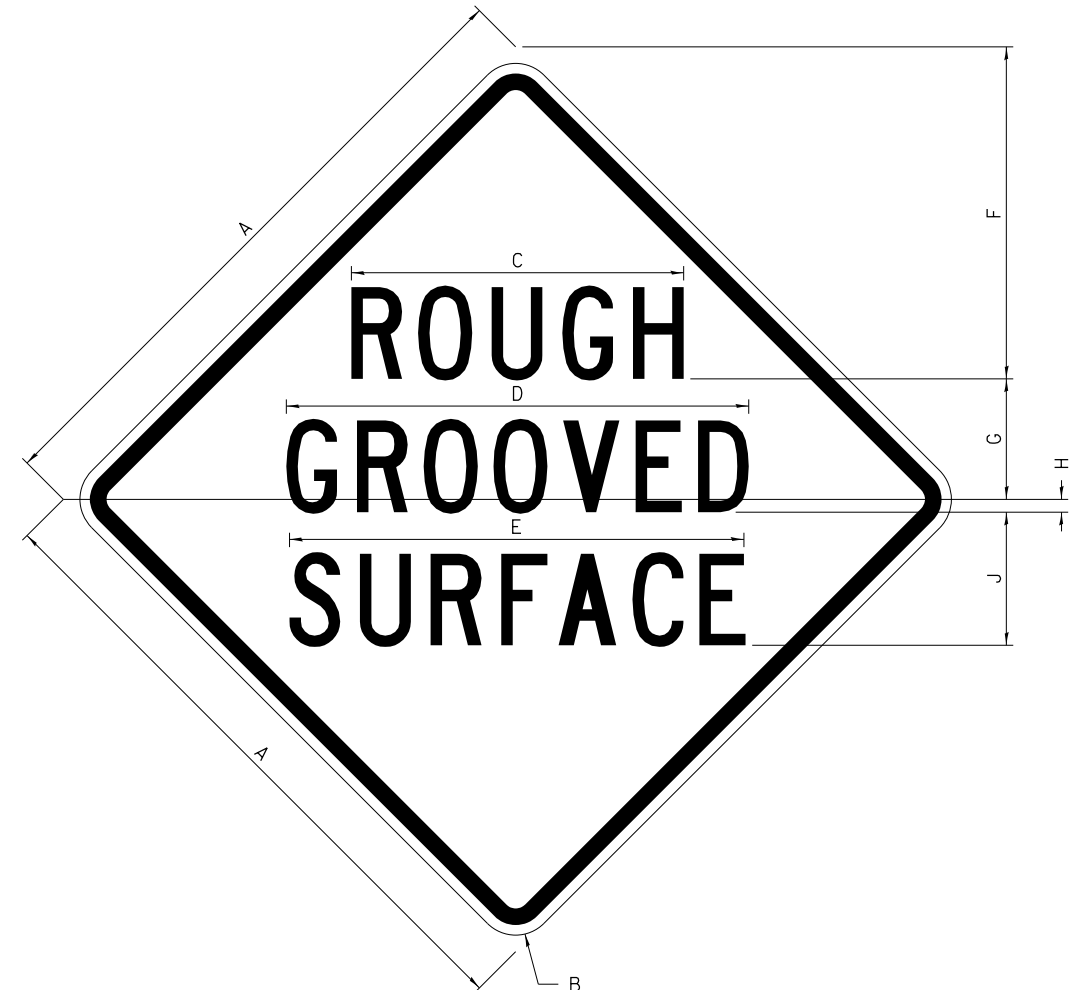
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

**ILLINOIS STANDARD W8-I107**



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	-----------------	------------------------------------

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

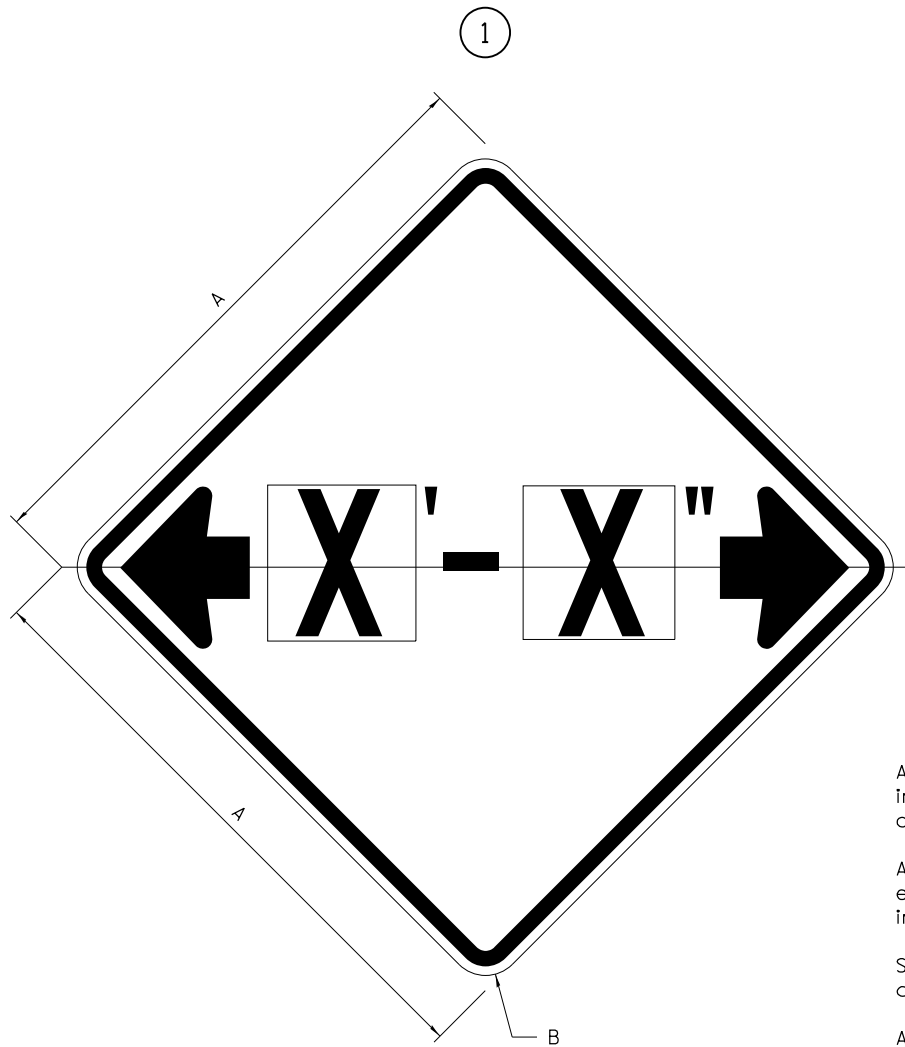
SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	<div>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	<div>REGION 2 / DISTRICT 2 STANDARD</div>						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwt\IL084EBID\INTEG\Illinois.gov\PIDOT\Documents\PIDOT Offices\District 2\Projects\2020\DRAWING\GAD\Sheets\20204414-sht-details		CHECKED -	REVISED -								308	103RS-3	JO DAVIESS	36	30
	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 64K24										
	PLOT DATE = 1/12/2018	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

## WORK ZONE SIGN DETAILS

# ILLINOIS STANDARD W12-I102



## GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

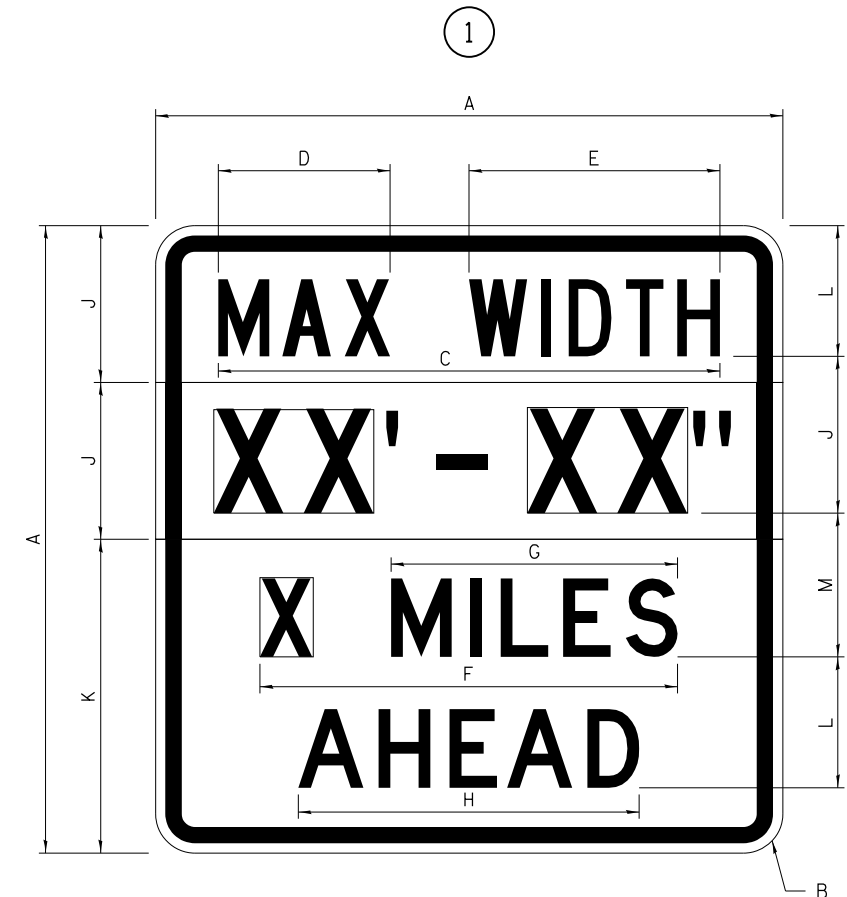
COLOR	LEGEND AND BORDER BACKGROUND	BLACK FL ORANGE	NON-REFLECTORIZED REFLECTORIZED
SIGN SIZE	DIMENSIONS		
	A	B	
48 x 48	48.00	3.00	<div> <div>1</div> <div>Illinois Standard used as described</div> </div>

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

# **ILLINOIS STANDARD W12-I103**



COLOR	LEGEND AND BORDER	BLACK	NON-REFLECTORIZED
	BACKGROUND	WHITE	REFLECTORIZED
	BACKGROUND (WIDTH)	FL ORANGE	REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

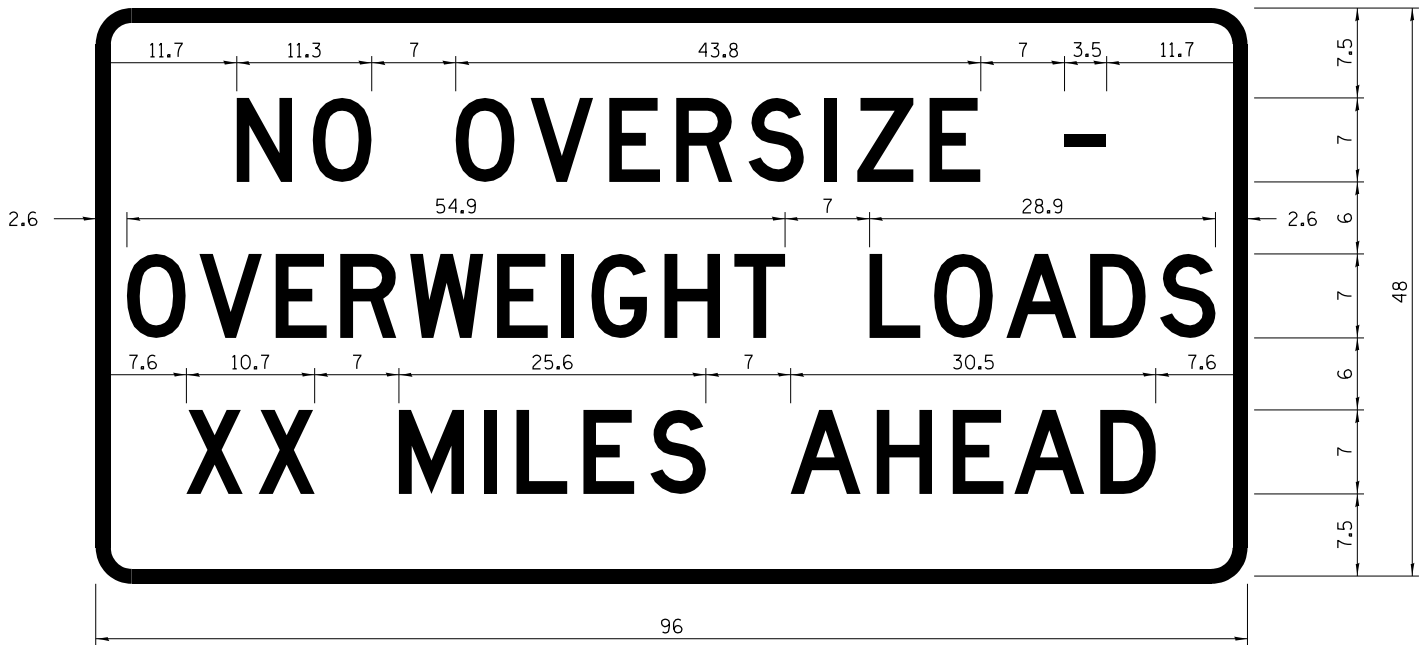
Sign not to scale

XX'-XX'' WIDTH AND X MILES ARE VARIABLE  
TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	<div>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	<div>REGION 2 / DISTRICT 2 STANDARD</div>					F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBID\INTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\0204\0204\GAD\GADsheets\0204414-sht-detail.dgn		CHECKED -	REVISED -							308	103RS-3	JO DAVIESS	36	31
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		<div>CONTRACT NO. 64K24</div>									
PLOT DATE = 1/12/2018		DATE	REVISED -											
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR      LEGEND AND BORDER BACKGROUND      BLACK ORANGE      NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;  
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;  
Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR      LEGEND AND BORDER BACKGROUND      BLACK WHITE      NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

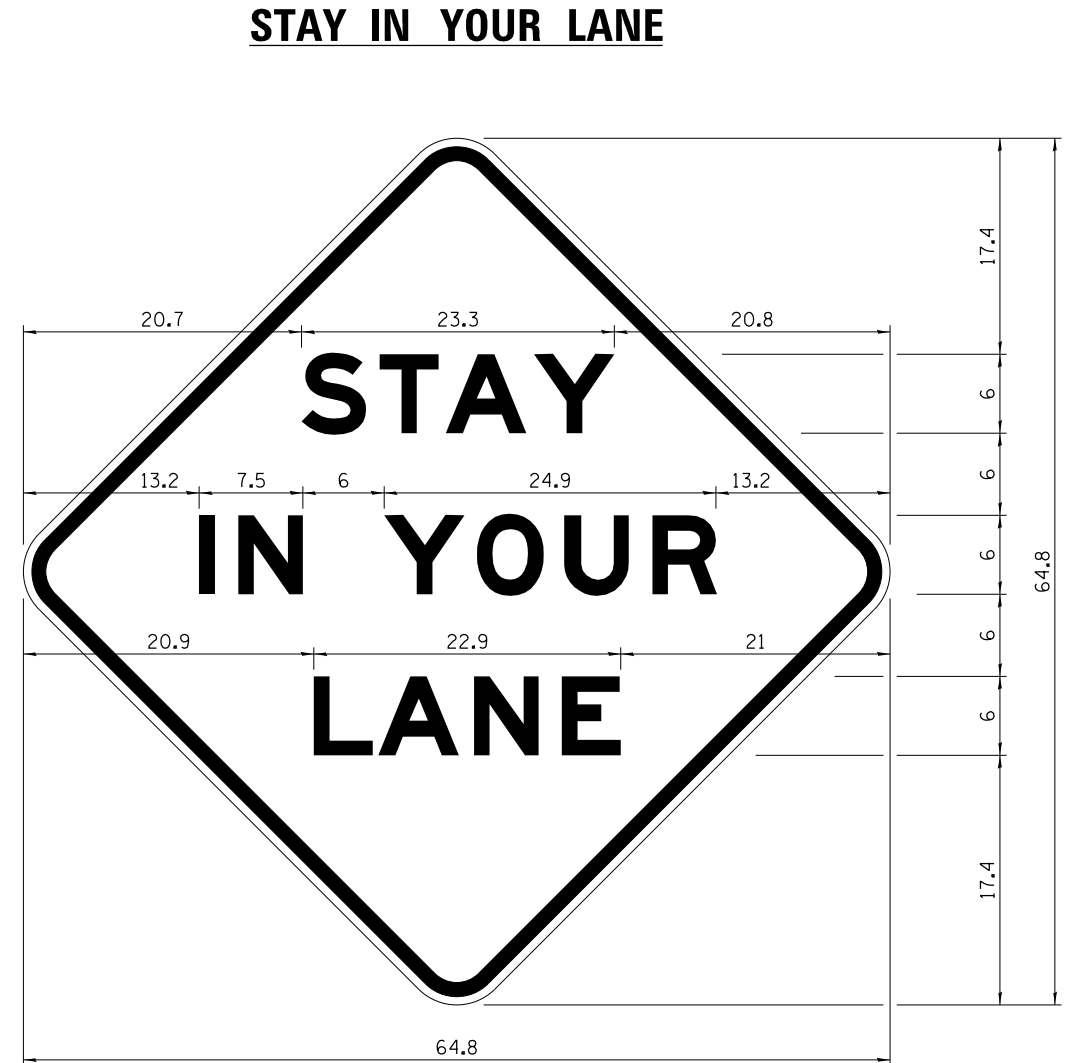
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.



## WORK ZONE SIGN DETAILS

2



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	---------------------------------	-----------------	------------------------------------

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;  
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

### Table of Letter and Object Lefts

L	A	N	E
20.9	25.8	33.1	39.4

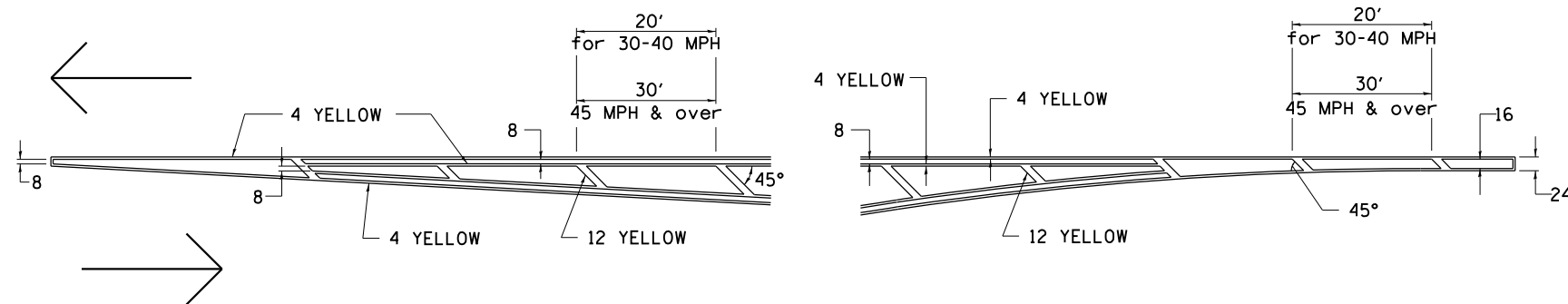
Sign not to scale

Sign not to scale

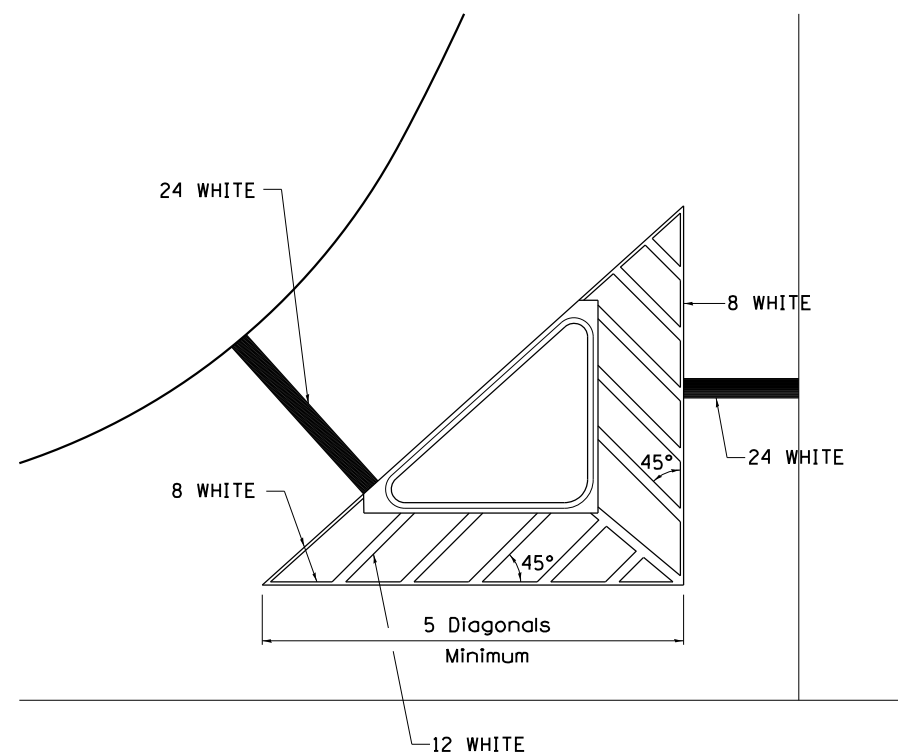
FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	<div>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	<div>REGION 2 / DISTRICT 2 STANDARD</div>					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwt\NL084EBIDINTEGallinois.gov\PIDOT Documents\DOT Offices\District 2\Projects\ND2014\DRAWN Data\GAD\sheets\ND204414-shr-detail.dwg		CHECKED -	REVISED -							308	103RS-3	JO DAVIESS	36	33
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	CONTRACT NO. 64K24											
PLOT DATE = 1/12/2018	DATE	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

# TYPICAL PAVEMENT MARKINGS

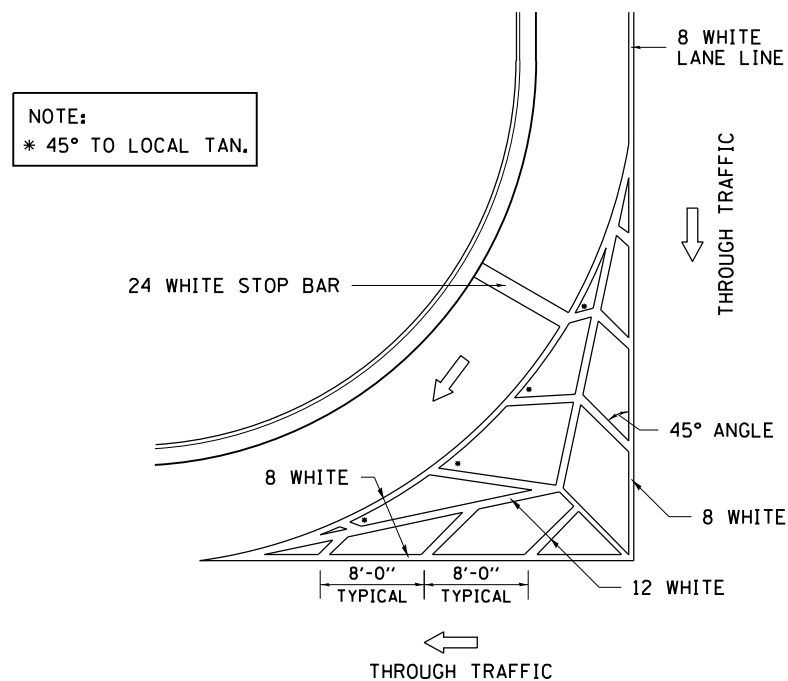
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



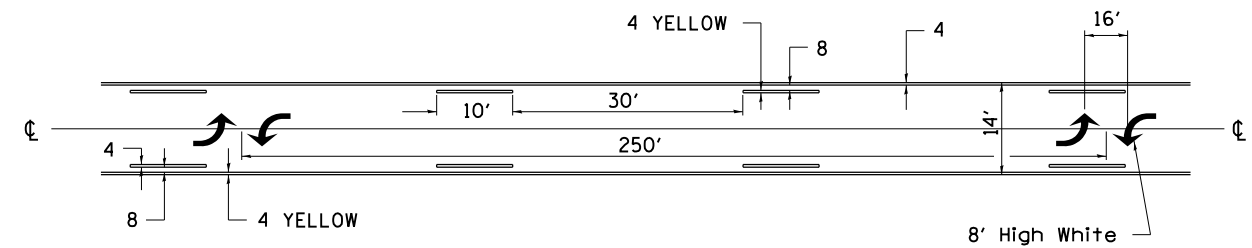
### TYPICAL ISLAND OFFSET SHOULDER WIDTH



## TYPICAL MARKING FOR PAINTED ISLANDS



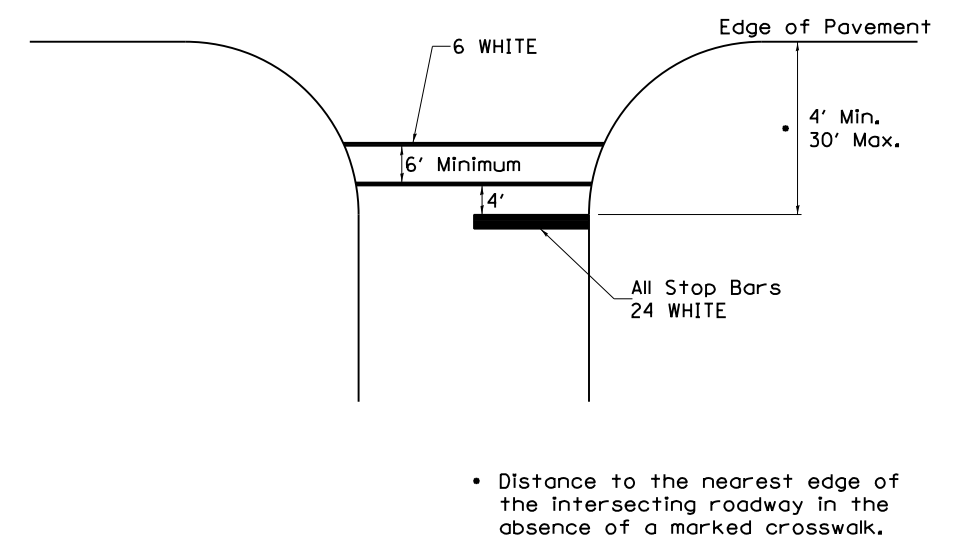
## MEDIAN PAVEMENT MARKING



•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## STANDARD CROSSWALK MARKING

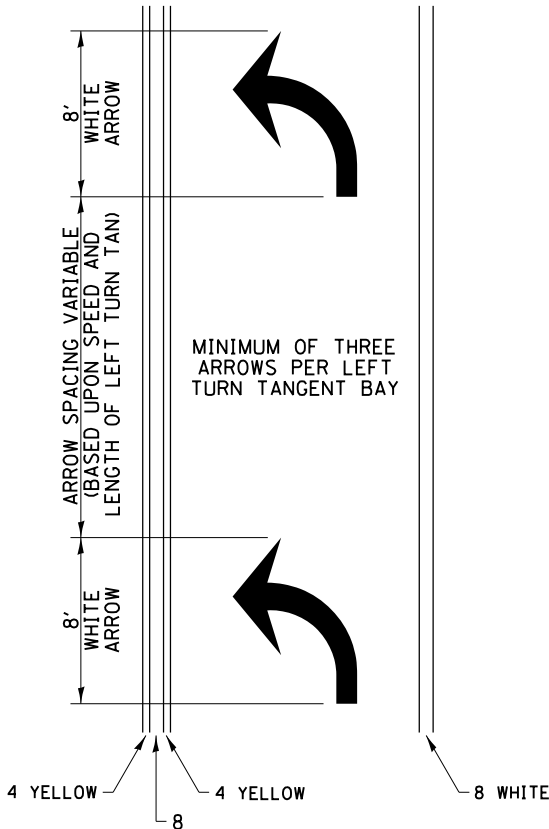
See Schedules for Locations



FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwt\IL084EBID\INTEG\Illinois.gov\PIDOT\Documents\PIDOT Offices\District 2\Projects\2020\DATA\DATA\GAD\Sheets\20204414-sht-details		REVISED - 3-05-12				308	103RS-3	JO DAVIESS	36	34				
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 64K24								
	PLOT DATE = 1/12/2018	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

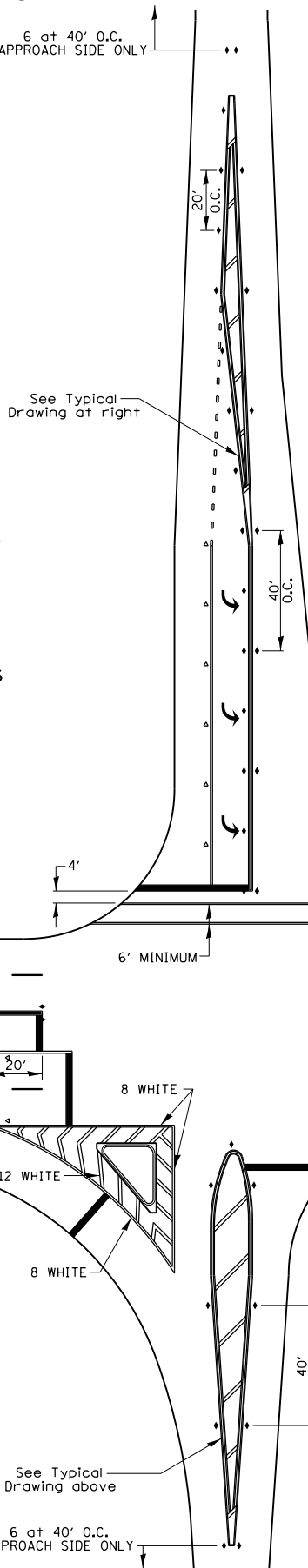
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

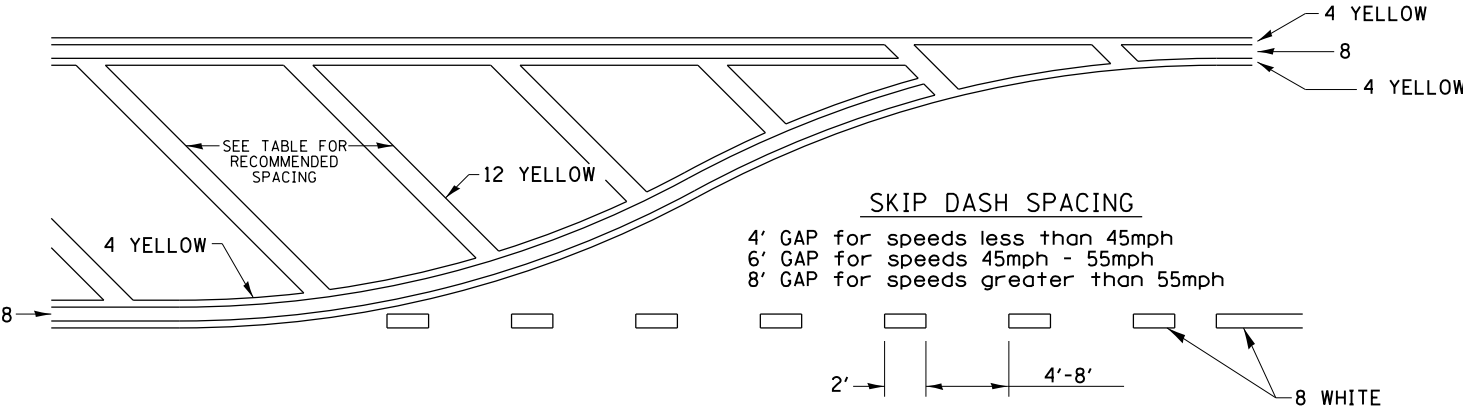


- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER
- TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

