

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
**PROPOSED  
 HIGHWAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39) RS-6	OGLE	135	1
		ILLINOIS	CONTRACT NO. 64K27	

135 + 1 = 136 TOTAL SHEETS

D-92-047-14

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

FAP ROUTE 742 (IL 2)  
 SECTION (38,39)RS-6  
 PROJECT NHPP-MD79(536)  
 COLD MILLING AND HOT-MIX  
 ASPHALT RESURFACING  
 OGLE COUNTY

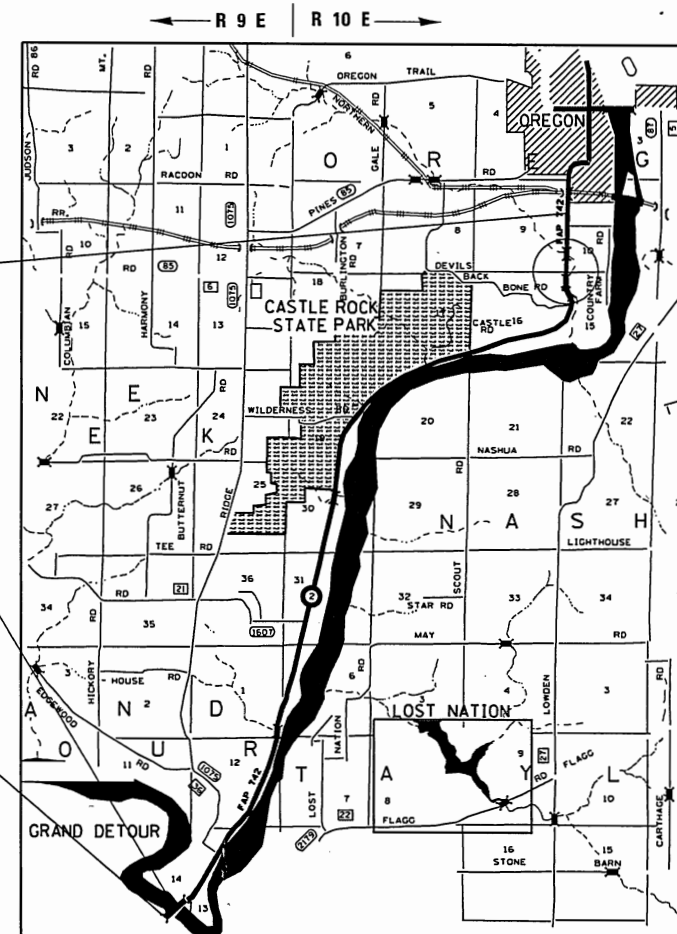
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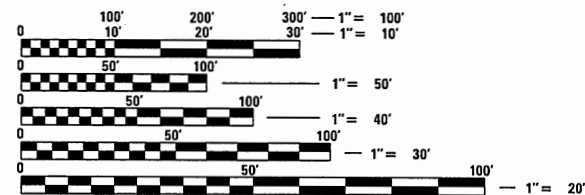
PROJECT ENDS STA 506+19

STA 715+21.69 = STA 0+00.00

PROJECT BEGINS STA 710+70



T 23 N  
 T 22 N



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: MAT DOBIE  
 PROJECT MANAGER: ROB BATES (815)284-5464

GROSS LENGTH OF PROJECT = 51071 FT = 9.67 MILES  
 NET LENGTH OF PROJECT = 51071 FT = 9.67 MILES

CONTRACT NO. 64K27  
 GRAND DETOUR (1, 6, 12, 13, 14, 31)  
 OREGON-NASHUA (9, 10, 15, 16, 17, 19, 20, 30)

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct. 13 2017  
*R. Stankovich*  
 REGIONAL ENGINEER

Nov 30 2017  
*Maurice M. Addis PE*  
 ENGINEER OF DESIGN AND ENVIRONMENT

Nov 30 2017  
*Anne O'Connell*  
 DIRECTOR OF PROGRAM DEVELOPMENT

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 OF THE STATE OF ILLINOIS

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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS/STATE STANDARDS

F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	2
SCALE:			CONTRACT NO. 64K27	
SHEET	OF	SHEETS	STA.	TO STA.
		ILLINOIS FED. AID PROJECT		

# GENERAL NOTES

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

It is estimated that 1,000 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used.

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.

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, 311.05(a), 311.06 and 311.07. All aggregate subgrade thicknesses equal to or less than 12 inches shall be constructed of aggregate of CA02 gradation. All aggregate subgrade thicknesses greater than 12 inches shall be constructed of CS02.

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches - when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

**Class A Patch:** Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

**Class B Patch:** Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS.

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):	Resurfacing			Shoulders	
	Surface	Level Binder	Binder	Top Lift	All Lower Lifts
Mixture Use(s):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0 @N50	4.0 @N50	4.0 @N50	3.0 @N50	3.0 @N50
Mixture Composition (Mixture Gradation):	IL 9.5	IL 95.FG	IL 19.0	IL 9.5 or 9.5FG	IL 19.0
Friction Aggregate:	C	N/A	N/A	C	N/A
Mixture Weight:	112lbs/sy/in	112lbs/sy/in	112lbs/sy/in	112lbs/sy/in	112lbs/sy/in
Quality Management Program:	PFP	QCP for mix only	QCP	QC/QA	QC/QA
Sublot Size:	1,000	1,000	1,000	N/A	N/A
Number of Roller Passes <sup>1)</sup> :	N/A	N/A	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.

Install rumble strips in all shoulders in accordance with State Standard 642006 Rumble Strips shall be placed on shoulders on both sides of the pavement.

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).

FILE NAME = 64K27.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN -	REVISED -			FAP 742 (IL 2)	(38,39)RS-6	Ogle	135	3	
	PLOT DATE = 10/11/2017 8:41 AM	CHECKED -	REVISED -			CONTRACT NO. 64K27			ILLINOIS	FED. AID PROJECT	
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

# GENERAL NOTES

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.

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.

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:

Comcast, 815-395-8977	Windstream, 847-345-4024
iFiber, 815-753-6075	CenturyLink, 309-477-0363
AT&T Communications, 630-552-4677	Commonwealth Edison, 815-490-2869
Frontier, 815-544-6171	Nicor, 630-983-8676

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.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

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.

The Contractor shall resurface the 2-1/4" milled pavement within 10 calendar days of milling.

The reflectors attached to guardrail posts within Castle Rock State Park shall remain undisturbed during guardrail removal and re-erection operations. In the event of accidental damage, contact District Operations Roadway Plans and Contracts Technician at 815-284-5407.

Relocate Temporary Impact Attenuators shall include storage and transportation to and from storage, when the device is not needed for a time, as shown on the staging plans. This shall be included in the contract unit price per Each for IMPACT ATTENUATORS, RELOCATE of the type specified.

When Relocate Temporary Concrete Barrier is specified, the wall shall be removed, storage and transportation to and from storage, when the wall is not needed for a time as shown on the staging plans, relocated and reinstated at the new location. The reinstatement requirements shall be the same as those for a new installation. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

FILE NAME = 64K27.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
20200100	EARTH EXCAVATION	CU YD	280	280			
20400800	FURNISHED EXCAVATION	CU YD	300		300		
25000110	SEEDING, CLASS 1A	ACRE	0.25	0.25			
25000210	SEEDING, CLASS 2A	ACRE	2.75	2.75			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	258	258			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	258	258			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	258	258			
# 25000750	MOWING	ACRE	2.75	2.75			
25100115	MULCH, METHOD 2	ACRE	2.75	2.75			
25100630	EROSION CONTROL BLANKET	SQ YD	1171	1171			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7865	7865			
30300108	AGGREGATE SUBGRADE IMPROVEMENT 8"	SQ YD	2521	2521			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	760	760			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	121792	121792			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	168876	168876			

\* SPECIALTY ITEM # 100% STATE

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

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# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
40600527	LEVELING BINDER (HAND METHOD), 1L-9.5FG, N50	TON	142	142 ✓			
40600627	LEVELING BINDER (MACHINE METHOD), 1L-9.5FG, N50	TON	9673	9673 ✓			
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	100	100 ✓			
40600990	TEMPORARY RAMP	SQ YD	1260	1260 ✓			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	403	403 ✓			
40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50	TON	15836	15836 ✓			
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	27835	27835 ✓			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1501	1501 ✓			
42001300	PROTECTIVE COAT	SQ YD	133				133
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	122583	122583 ✓			
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	74815	74815 ✓			
44002232	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 8"	SQ YD	900	900 ✓			
44004250	PAVED SHOULDER REMOVAL	SQ YD	53453	53453 ✓			
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	115	115 ✓			

\* SPECIALTY ITEM

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# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	19	19			
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	53	53			
44201299	DOWEL BARS 1 1/2"	EACH	340	340			
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	18	18			
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	2503	2503			
44213100	PAVEMENT FABRIC	SQ YD	72	72			
44213200	SAW CUTS	FOOT	722	722			
44213202	TIE BARS 1"	EACH	18	18			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	611	611			
48203020	HOT-MIX ASPHALT SHOULDERS, 5 3/4"	SQ YD	53453	53453			
50102400	CONCRETE REMOVAL	CU YD	3.8				3.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	4.2				4.2
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	780				780
50800515	BAR SPLICERS	EACH	12				12

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 742	SECTION (38,39)RS-6	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 7
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
52000110	PREFORMED JOINT STRIP SEAL	FOOT	82				82
59000200	EPOXY CRACK INJECTION	FOOT	67			67	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	200		200		
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	200		200		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	17		17		
63200310	GUARDRAIL REMOVAL	FOOT	1150		1150		
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	9806		9806		
63500105	DELINEATORS	EACH	6		6		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	73986		73986		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9			
67100100	MOBILIZATION	L SUM	1	1			
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	7			2	5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			

\* SPECIALTY ITEM

MODEL: Default  
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14

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SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____				ILLINOIS FED. AID PROJECT CONTRACT NO. 64K27					

R/V



# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	10	10			
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	4			4	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	58339		58339		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	19446		19446		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	239		239		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	115295		115295		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	556		556		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	15		15		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2769			1232	1537
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3137			1600	1537
70500630	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 3	EACH	2			2	

\* SPECIALTY ITEM

MODEL: Default  
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PLOT DATE = Oct-19-2017 10:26:06 AM	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 742	SECTION (38,39)RS-6	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	

REV

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	7			2	5
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	9			4	5
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	23		23		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1305		1305		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	30815		30815		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	865		865		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4539		4539		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1848		1848		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	148		148		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	476654		476654		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1364		1364		
	78200005 GUARDRAIL REFLECTORS, TYPE A	EACH	25		25		
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	729		729		
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	2265				2265
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	2867				2867

\* SPECIALTY ITEM

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14

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

7/1

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
Z0012164	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	602				602
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	450			450	
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	130	130			
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	2880				2880
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	34594	34594			
Z0034105	MATERIAL TRANSFER DEVICE	TON	37930	37930			
Z0041895	POLYMER CONCRETE	CU FT	9.3				9.3
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
X0326697	CENTER LINE - RUMBLE STRIP - 8"	FOOT	7200		7200		
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	7188		7188		
X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	651	651			
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	1964	1964			
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1665	1665			

\* SPECIALTY ITEM

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PLOT SCALE = 200.0000' / in.	CHECKED - _____	REVISED - _____			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			
PLOT DATE = Oct-19-2017 10:27:43 AM	DATE - _____	REVISED - _____			CONTRACT NO. 64K27						

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE	80% FED 20% STATE BRIDGE
				0005	0021	0047	0059
				RURAL	RURAL	S.N. 052-0063	RURAL
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	1030				1030
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	340	340			
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1987		1987		

\* SPECIALTY ITEM

MODEL: Default  
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	DRAWN - _____	REVISED - _____
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

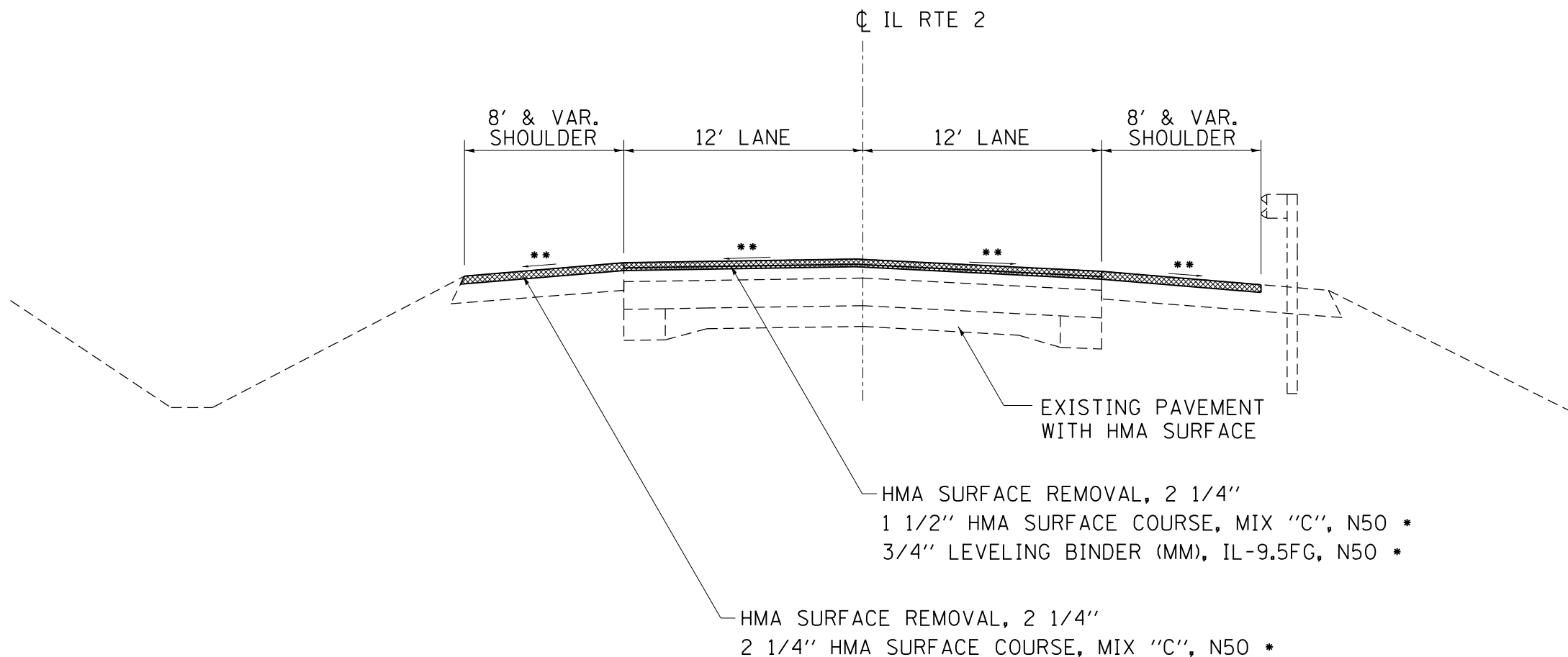
**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	12
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	

# TYPICAL 2 1/4" RESURFACING SECTION

STA 6+06 - 15+69	STA 51+00 - 61+37
STA 86+02 - 96+12	STA 108+12 - 121+15
STA 253+60 - 255+38	STA 256+41 - 258+10
STA 269+80 - 270+90	STA 368+14 - 380+90
STA 413+25 - 413+70	STA 445+03 - 449+33
STA 451+78 - 456+52	STA 458+31 - 461+74
STA 463+50 - 478+58	STA 480+29 - 483+39



**NOTES:**

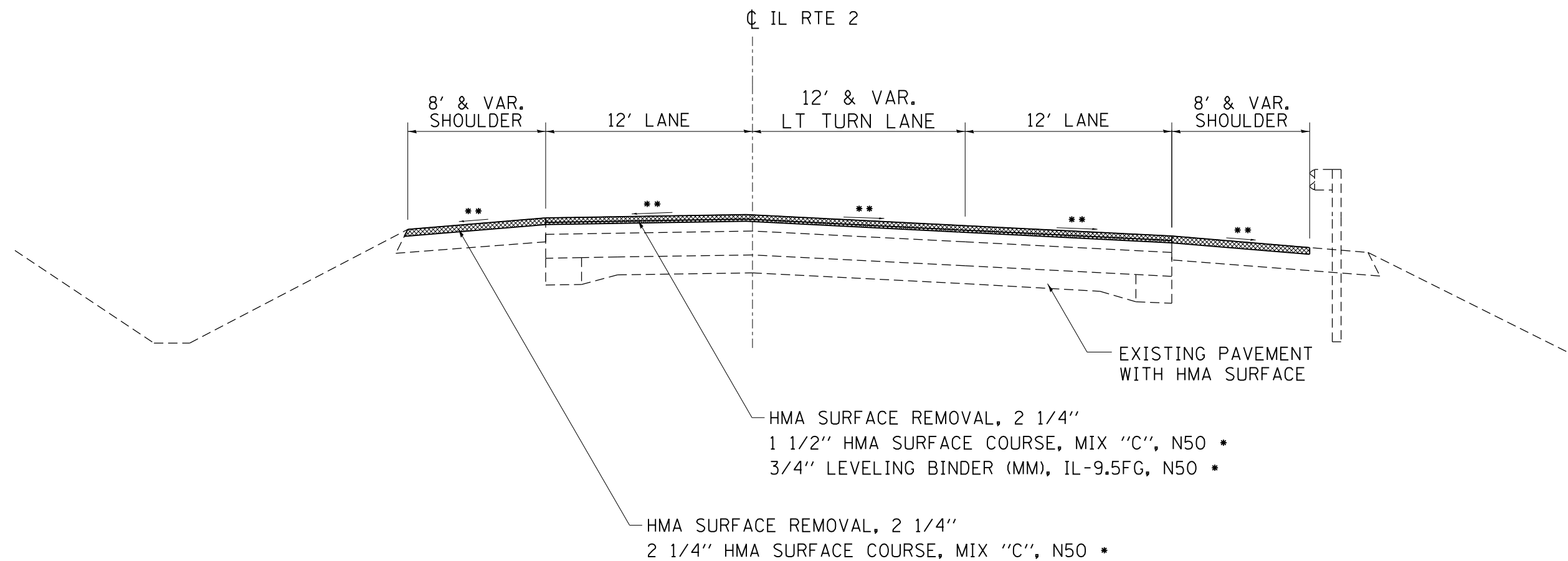
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)



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									ILLINOIS FED. AID PROJECT	

# TYPICAL 3-LANE SECTIONS - 2 1/4" (LEFT TURN LANES)

- STA 15+69 - 25+19 (NB LT TURN)
- STA 258+10 - 263+62 (NB LT TURN)
- STA 263+62 - 269+80 (SB LT TURN)
- STA 346+10 - 354+84 (NB LT TURN)
- STA 358+48 - 368+14 (SB LT TURN)
- STA 413+70 - 420+46 (NB LT TURN)
- STA 427+68 - 431+85 (NB LT TURN)
- STA 437+17 - 445+03 (SB LT TURN)



**NOTES:**

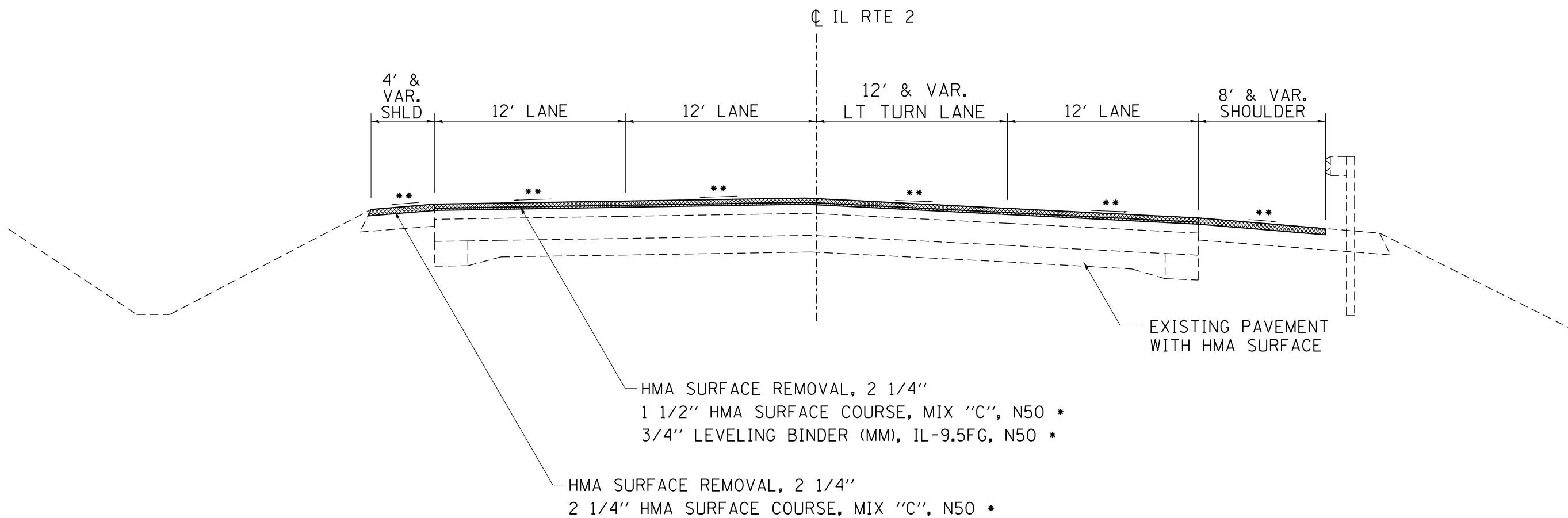
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)



FILE NAME =	USER NAME = bates1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 2 TYPICAL SECTION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\0204714-shr-typical						742	(38,39) RS-6	OGLE	135	14
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	PLOT DATE = Oct-11-2017 08:51:25 AM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

# TYPICAL 4-LANE SECTIONS - 2 1/4"

STA 25+19 - 29+75 (NB LT & RT TURN)  
 STA 424+75 - 427+68 (SB LT & RT TURN)  
 STA 431+85 - 437+17 (NB LT & SB RT TURN)



### NOTES:

- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)



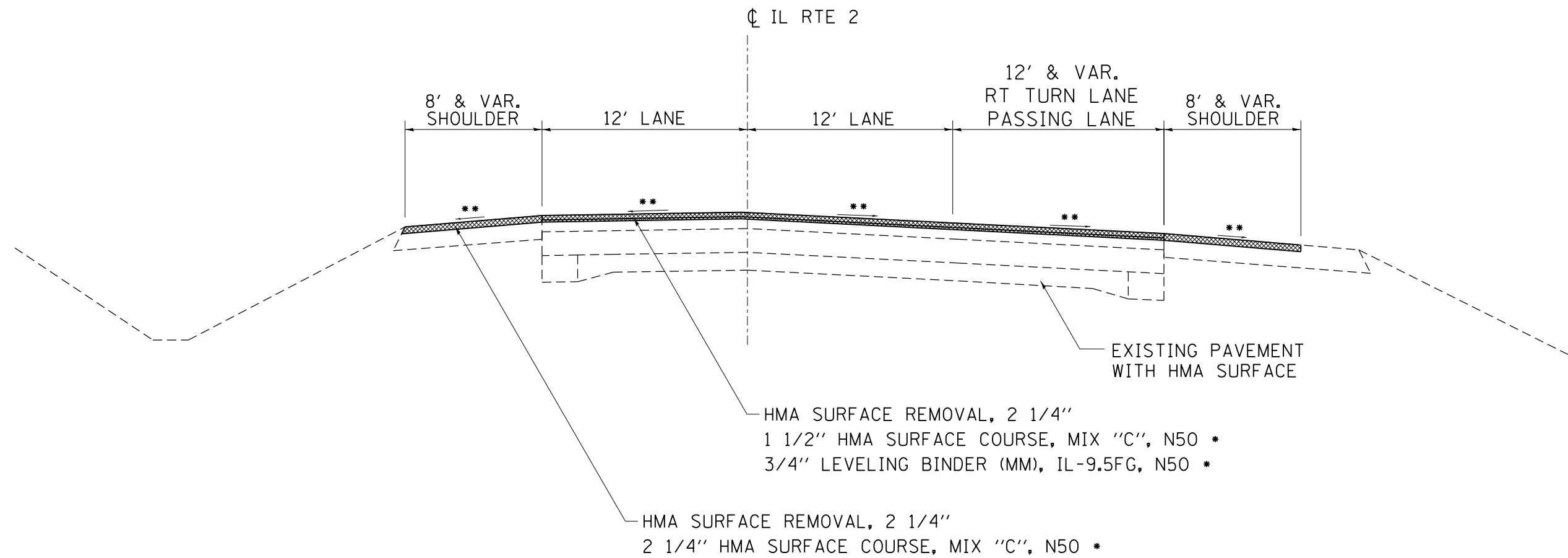
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pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\0204714-sh-typical		REVISIONS	REVISIONS		742	(38,39) RS-6	OGLE	135	15				
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# TYPICAL 3-LANE SECTIONS - 2 1/4" (RT TURN LANES & PASSING LANES)

STA 61+37 - 86+02 (NB PASSING)  
 STA 449+33 - 451+78 (SB RT TURN)



**NOTES:**

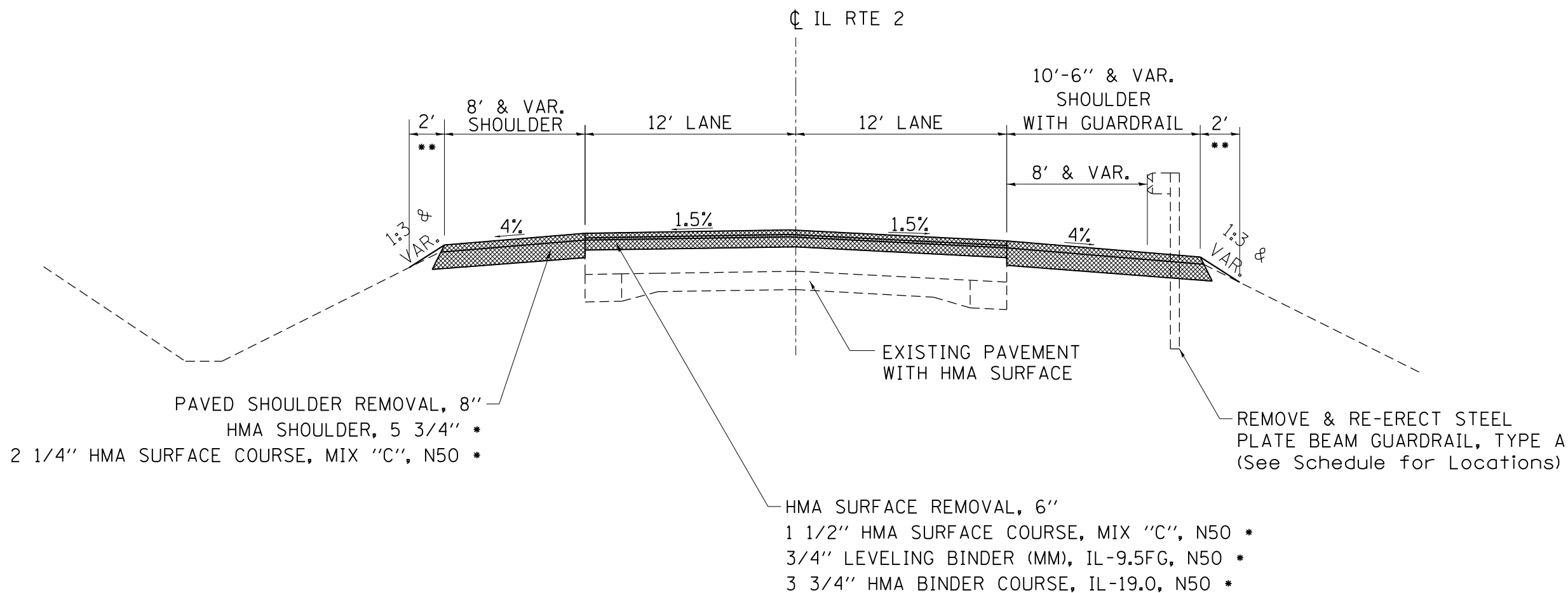
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)



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# TYPICAL 6" RESURFACING SECTION

STA 96+12 - 108+12	STA 123+03 - 147+14
STA 172+14 - 183+24	STA 186+04 - 209+73
STA 212+53 - 253+60	STA 270+90 - 275+50
STA 283+10 - 286+40	STA 298+10 - 301+10
STA 310+10 - 312+60	STA 315+85 - 317+73
STA 332+00 - 345+13	STA 380+90 - 400+15
STA 402+69 - 413+25	STA 483+39 - 491+67
STA 494+56 - 497+82	



**NOTES:**

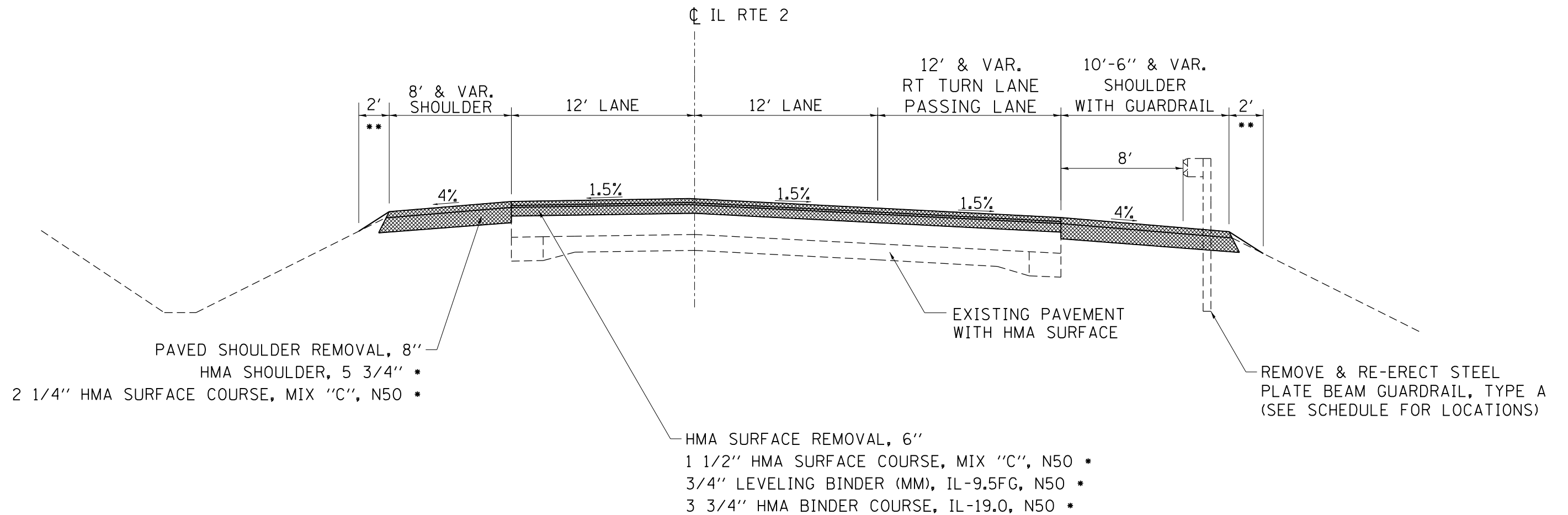
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* TOP SOIL FURNISH & PLACE, VARIABLE DEPTH (SEE SCHEDULE FOR INCLUDED LOCATIONS)

REMOVAL

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pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\0204714\Drawings\AD\Drawings\0204714-sh-typical						742	(38,39) RS-6	OGLE	135	18
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						CONTRACT NO. 64K27				

# TYPICAL 3-LANE SECTIONS - 6" (RT TURN LANES & PASSING LANES)

STA 147+14 - 172+14 (SB PASSING)  
 STA 183+24 - 186+04 (SB RT TURN)  
 STA 209+73 - 212+53 (NB RT TURN)  
 STA 313+66 - 315+85 (NB RT TURN)  
 STA 400+15 - 402+69 (NB RT TURN)  
 STA 491+67 - 494+56 (NB RT TURN)



**NOTES:**

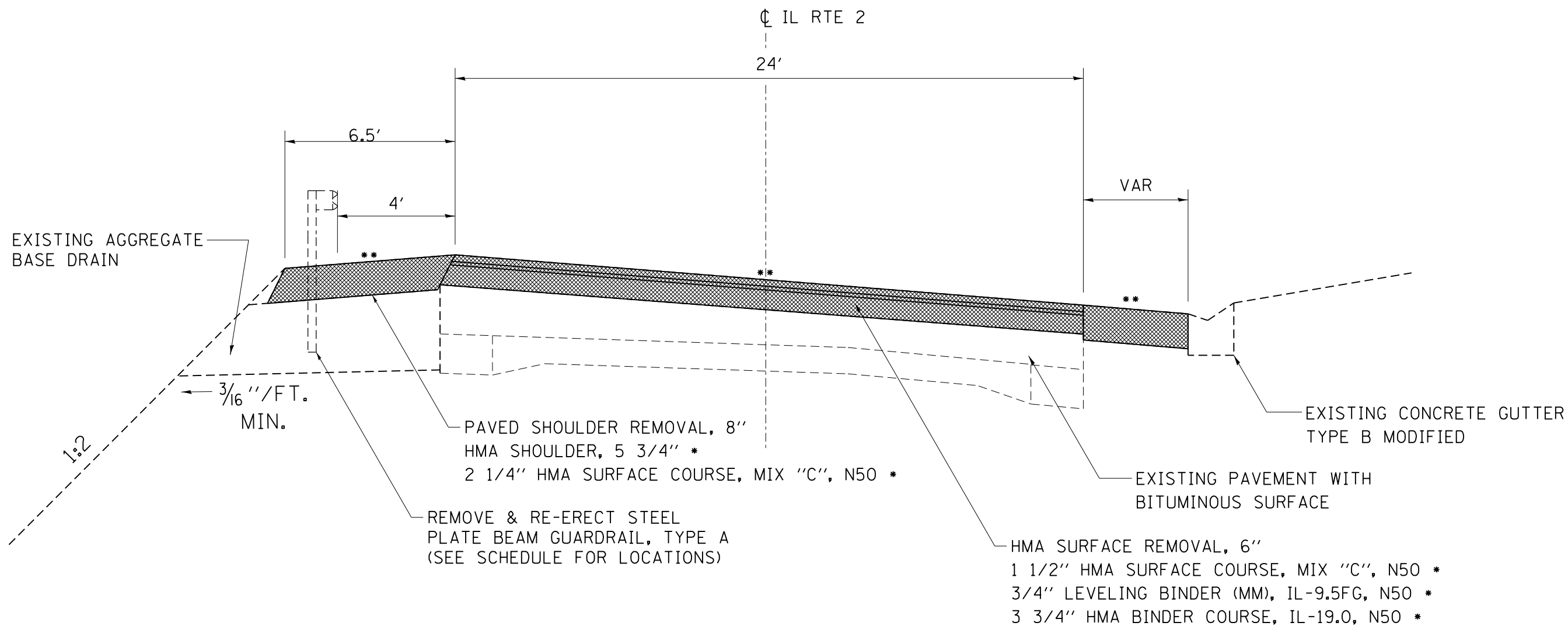
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* TOP SOIL FURNISH & PLACE, VARIABLE DEPTH (SEE SCHEDULE FOR INCLUDED LOCATIONS)

REMOVAL

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								CONTRACT NO. 64K27		

# TYPICAL GUTTER / GUARDRAIL SECTIONS IN PARK

STA 275+50 - 279+00  
 STA 290+60 - 298+10  
 STA 301+10 - 310+10  
 STA 312+60 - 313+66  
 STA 317+73 - 332+00



**NOTES:**

- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE & SUPERELEVATION

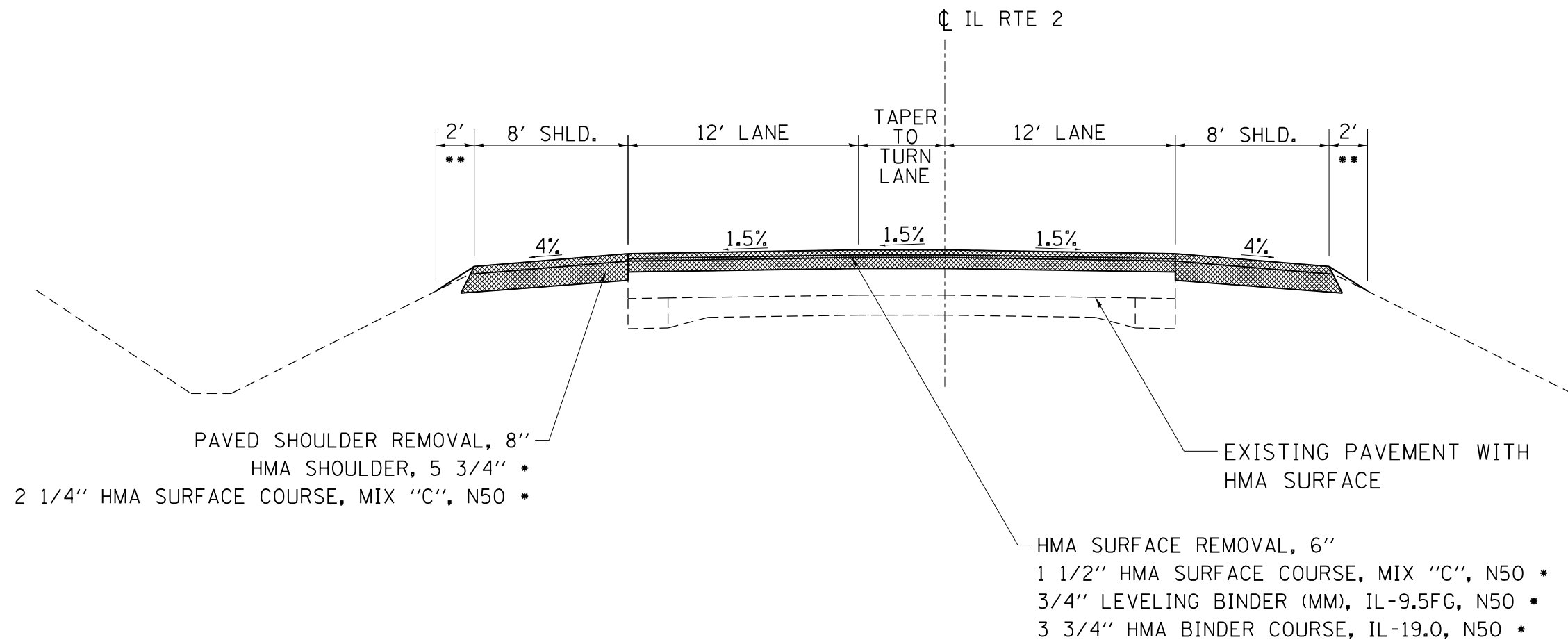
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		DATE -	REVISED -							ILLINOIS FED. AID PROJECT



# TYPICAL 3-LANE SECTIONS - 6" (LT TURN LANES)

STA 345+13 - 346+10 (NB LT TURN)



**NOTES:**

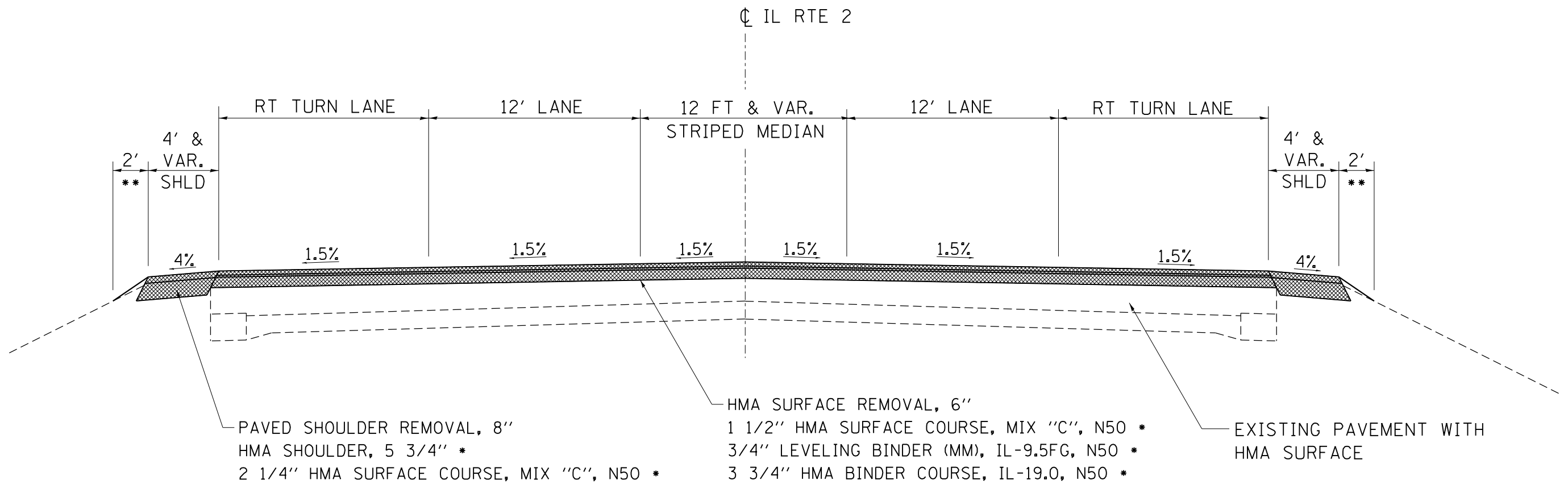
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* TOP SOIL FURNISH & PLACE, VARIABLE DEPTH (SEE SCHEDULE FOR INCLUDED LOCATIONS)

REMOVAL

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						CONTRACT NO. 64K27				

# TYPICAL 5-LANE SECTIONS

STA 354+84 - 358+48  
 STA 420+46 - 424+75



PAVED SHOULDER REMOVAL, 8"  
 HMA SHOULDER, 5 3/4" \*  
 2 1/4" HMA SURFACE COURSE, MIX "C", N50 \*

HMA SURFACE REMOVAL, 6"  
 1 1/2" HMA SURFACE COURSE, MIX "C", N50 \*  
 3/4" LEVELING BINDER (MM), IL-9.5FG, N50 \*  
 3 3/4" HMA BINDER COURSE, IL-19.0, N50 \*

EXISTING PAVEMENT WITH  
 HMA SURFACE

**NOTES:**

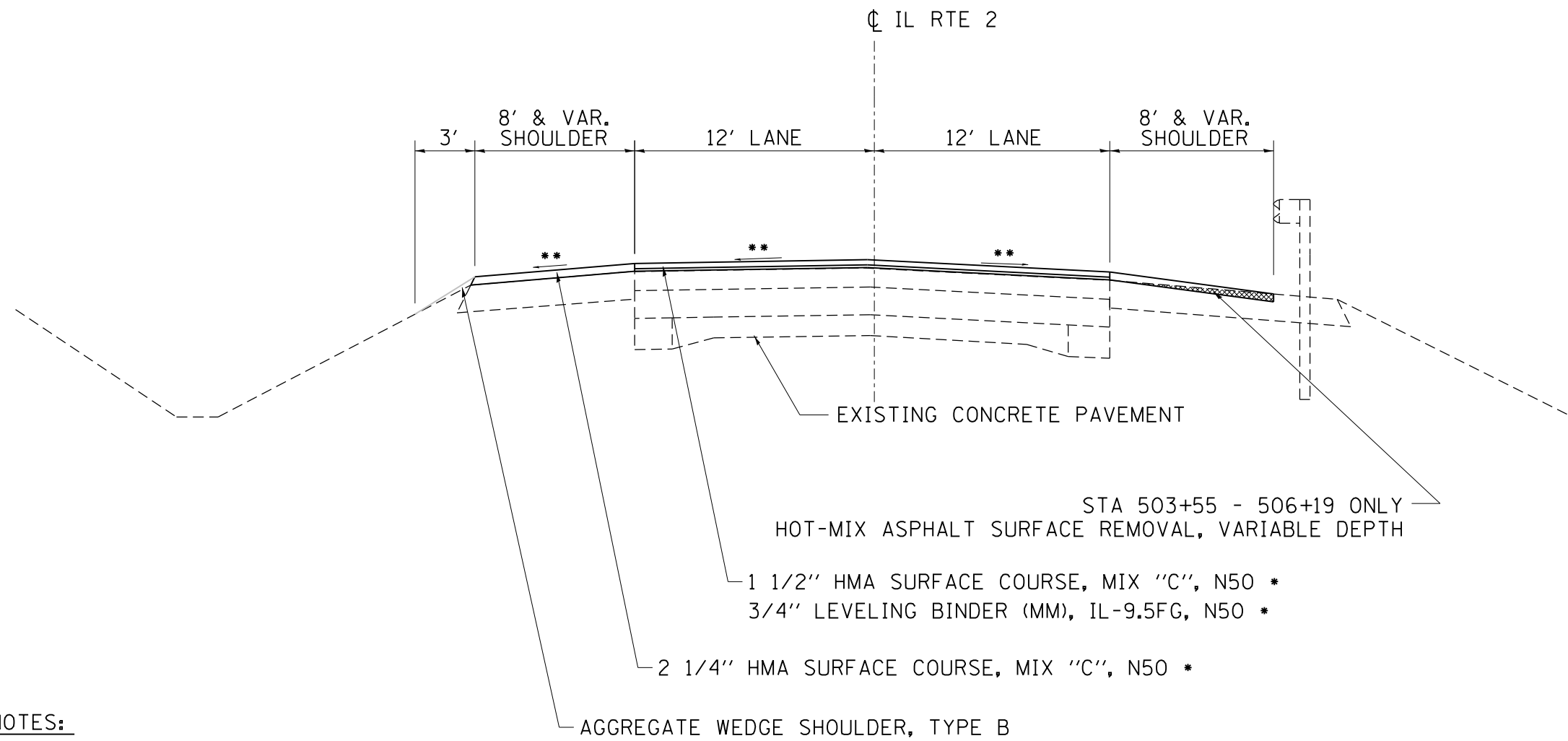
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* TOP SOIL FURNISH & PLACE, VARIABLE DEPTH  
 (SEE SCHEDULE FOR INCLUDED LOCATIONS)

REMOVAL

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pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\0204714\Drawings\0204714-shd-typical.dwg						742	(38,39) RS-6	OGLE	135	23
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	PLOT DATE = Oct-11-2017 08:53:10 AM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 64K27				

## TYPICAL 2 1/4" OVERLAY SECTION

STA 497+82 - 506+19



**NOTES:**

- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)

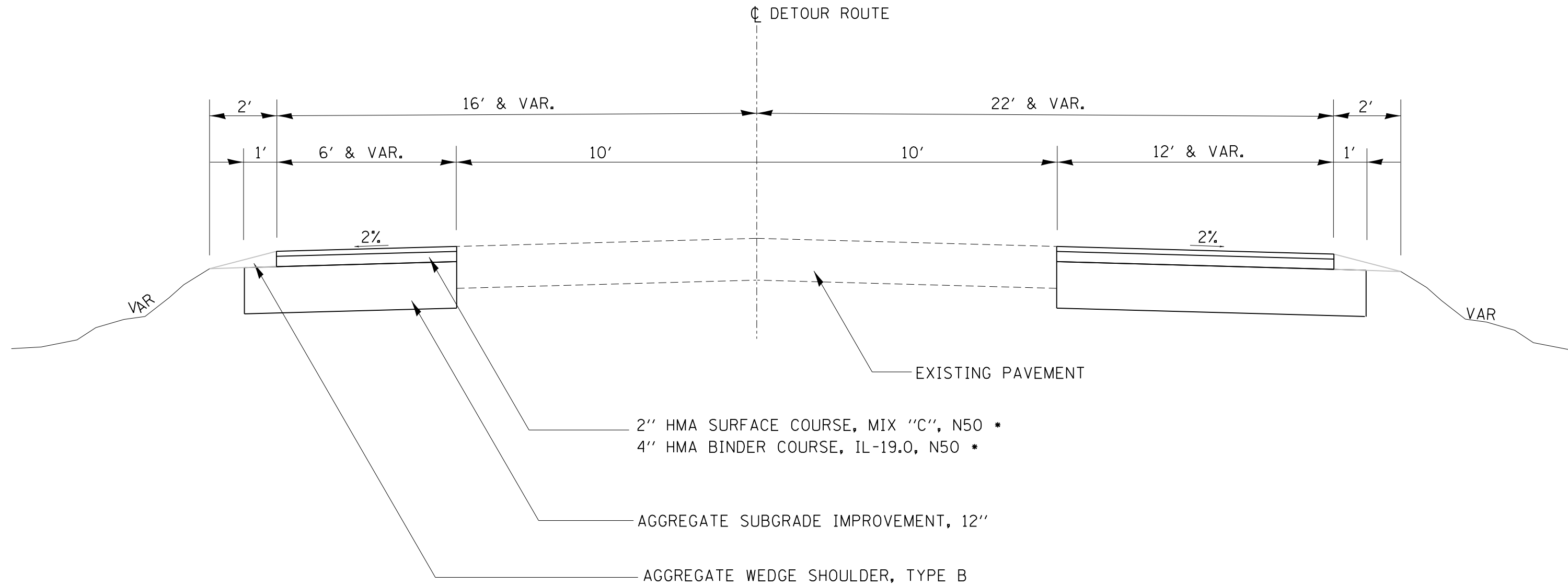


FILE NAME = USER NAME = bates-1 DESIGNED - REVISIONS: REVISIONS: REVISIONS: REVISIONS: PLOT SCALE = 40:0.000 '1' / in. CHECKED - DATE - PLOT DATE = Oct-11-2017 08:53:26 AM	DESIGNED - REVISIONS: REVISIONS: REVISIONS: REVISIONS: CHECKED - DATE -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 2 TYPICAL SECTION</b>	SCALE:      SHEET      OF      SHEETS      STA.      TO STA.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 8px;">F.A.P. RTE.</td> <td style="font-size: 8px;">SECTION</td> <td style="font-size: 8px;">COUNTY</td> <td style="font-size: 8px;">TOTAL SHEETS</td> <td style="font-size: 8px;">SHEET NO.</td> </tr> <tr> <td style="font-size: 8px;">742</td> <td style="font-size: 8px;">(38,39) RS-6</td> <td style="font-size: 8px;">OGLE</td> <td style="font-size: 8px;">135</td> <td style="font-size: 8px;">24</td> </tr> <tr> <td colspan="3" style="font-size: 8px;">CONTRACT NO. 64K27</td> <td colspan="2"></td> </tr> <tr> <td colspan="5" style="font-size: 8px; text-align: center;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	742	(38,39) RS-6	OGLE	135	24	CONTRACT NO. 64K27					ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																					
742	(38,39) RS-6	OGLE	135	24																					
CONTRACT NO. 64K27																									
ILLINOIS FED. AID PROJECT																									



# DETOUR ROUTE

INTERSECTION OF  
BROAD ST & GREEN ST



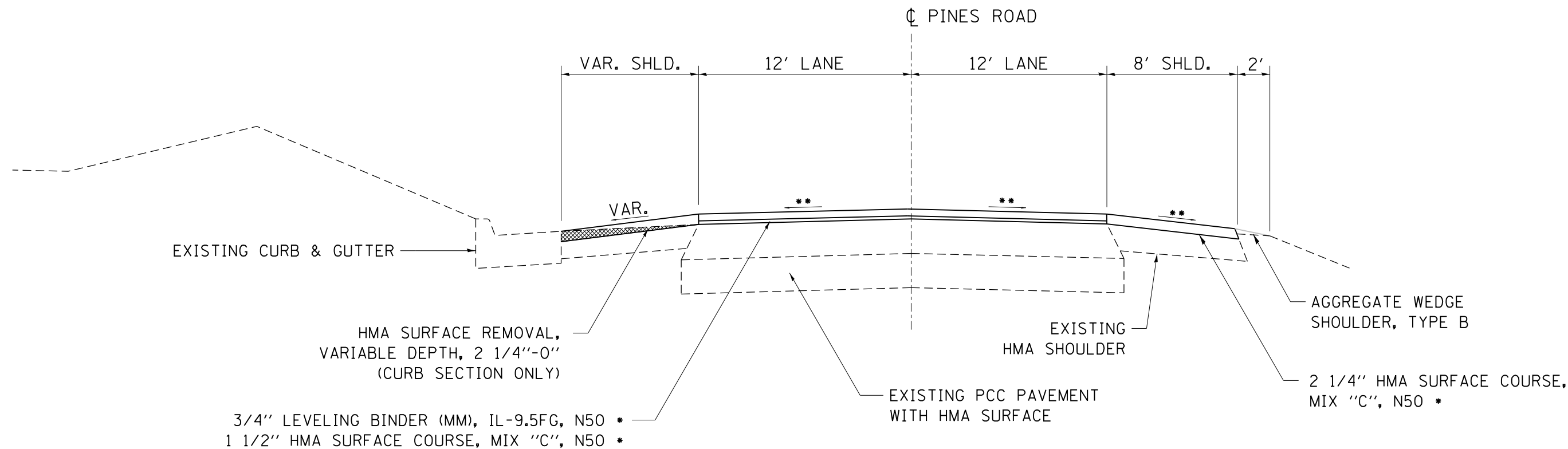
**NOTES:**

\* HMA UNIT WEIGHT: 112 LB/SY/IN

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pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2017\Drawings\Roadsheets\204714-shr-typical	DESIGNED -	REVISED -	742			(38,39) RS-6	OGLE	135	25	
Default	PLOT SCALE = 40:0.000 '1' / in.	CHECKED -	REVISED -			CONTRACT NO. 64K27				
	PLOT DATE = Oct-11-2017 08:53:45 AM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

# DETOUR ROUTE

PINES RD AT GALE RD  
STA 577+35 - 593+83



**NOTES:**

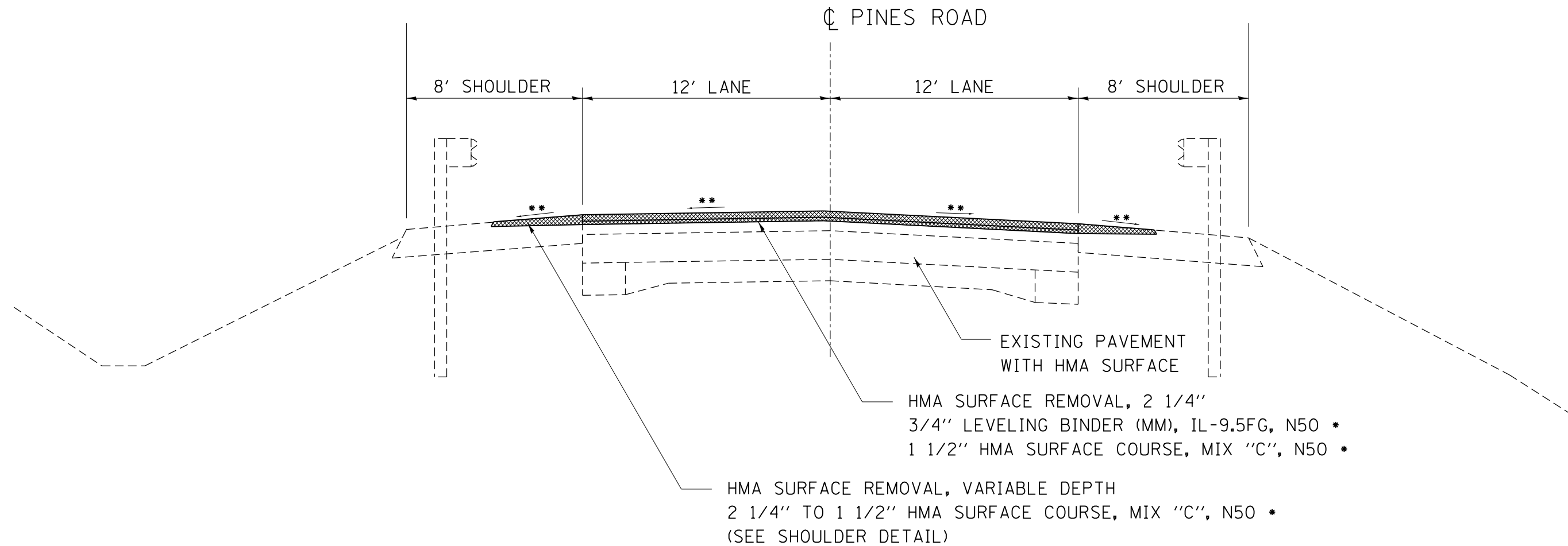
- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)



FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR TYPICAL SECTION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Oct-11-2017 08:53:58 AM						ILLINOIS FED. AID PROJECT					

# DETOUR ROUTE

PINES RD AT RAILROAD CROSSING  
STA 606+35 - 617+20



**NOTES:**

- \* HMA UNIT WEIGHT: 112 LB/SY/IN
- \*\* MATCH EXISTING CROSS SLOPE  
(TYP. 1.5% DRIVING LANES; 4% SHOULDERS)



FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR TYPICAL SECTION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Oct-11-2017 08:54:15 AM						DATE -	REVIS	ILLINOIS FED. AID PROJECT			



# SCHEDULE OF QUANTITIES

## 40600290 BITUMINOUS MATERIALS (TACK COAT) - CONTINUED

### ADDITIONAL QUANTITY FOR JOINT TRIMMING

POUND	LOCATION	STATION	REMARKS
12.04		6 + 06 - 15 + 69	
23.75		15 + 69 - 25 + 19	NB LEFT TURN LANE
64.43		25 + 19 - 42 + 37	VAR. 3-LANE SECTIONS
12.58		42 + 37 - 47 + 40	NB LEFT TURN LANE
17.46		47 + 40 - 61 + 37	
61.63		61 + 37 - 86 + 02	NB PASSING LANE
76.40		86 + 02 - 147 + 14	
62.50		147 + 14 - 172 + 14	SB PASSING LANE
13.88		172 + 14 - 183 + 24	
7.00		183 + 24 - 186 + 04	SB RIGHT TURN LANE
29.61		186 + 04 - 209 + 73	
7.00		209 + 73 - 212 + 53	SB RIGHT TURN LANE
53.56		212 + 53 - 255 + 38	
<u>441.83</u>	SUB-TOTAL		
<u>5476</u>	TOTAL		

## 40600527 LEVELING BINDER (HAND METHOD), IL-9.5FG, N50

TON	LOCATION	STATION	REMARKS
142.08		6 + 06 - 506 + 19	EST. 15 TON PER MILE
<u>142.08</u>	TOTAL		

## 40600627 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50

TON	LOCATION	STATION	REMARKS
44.8	LT/RT	119 + 95 - 121 + 15	FINAL TAPER TO BRIDGE DECK OVERLAY
44.8	LT/RT	123 + 03 - 124 + 23	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.8	LT/RT	254 + 18 - 255 + 38	FINAL TAPER TO BRIDGE DECK OVERLAY
44.8	LT/RT	256 + 41 - 257 + 61	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.8	LT/RT	455 + 32 - 456 + 52	FINAL TAPER TO BRIDGE DECK OVERLAY
44.8	LT/RT	458 + 31 - 459 + 51	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.8	LT/RT	460 + 54 - 461 + 74	FINAL TAPER TO BRIDGE DECK OVERLAY
44.8	LT/RT	463 + 50 - 464 + 70	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.8	LT/RT	477 + 38 - 478 + 58	FINAL TAPER TO BRIDGE DECK OVERLAY
44.8	LT/RT	480 + 29 - 481 + 49	FINAL TAPER FROM BRIDGE DECK OVERLAY
<u>448</u>	TOTAL		

## 40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT

SO YD	LOCATION	STATION	REMARKS
100.00		505 + 52 - 506 + 19	
<u>100.00</u>	TOTAL		

## 40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

TON	LOCATION	STATION	REMARKS
34.05	LT	7 + 49 - 9 + 77	DETOUR ROUTE WIDENING
79.15	RT	8 + 63 - 11 + 28	DETOUR ROUTE WIDENING
<u>113.19</u>	TOTAL		

## 40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

TON	LOCATION	STATION	REMARKS
44.80	LT/RT	119 + 95 - 121 + 15	FINAL TAPER TO BRIDGE DECK OVERLAY
59.73	LT/RT	123 + 03 - 124 + 23	TEMP. TAPER BRIDGE TO BINDER COURSE
44.80	LT/RT	123 + 03 - 124 + 23	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.80	LT/RT	254 + 18 - 255 + 38	FINAL TAPER TO BRIDGE DECK OVERLAY
44.80	LT/RT	256 + 41 - 257 + 61	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.80	LT/RT	455 + 32 - 456 + 52	FINAL TAPER TO BRIDGE DECK OVERLAY
44.80	LT/RT	458 + 31 - 459 + 51	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.80	LT/RT	460 + 54 - 461 + 74	FINAL TAPER TO BRIDGE DECK OVERLAY
44.80	LT/RT	463 + 50 - 464 + 70	FINAL TAPER FROM BRIDGE DECK OVERLAY
44.80	LT/RT	477 + 38 - 478 + 58	FINAL TAPER TO BRIDGE DECK OVERLAY
44.80	LT/RT	480 + 29 - 481 + 49	FINAL TAPER FROM BRIDGE DECK OVERLAY
17.02	LT	7 + 49 - 9 + 77	DETOUR ROUTE WIDENING
39.57	RT	8 + 63 - 11 + 28	DETOUR ROUTE WIDENING
<u>564.33</u>	SUBTOTAL		

### ADDITIONAL QUANTITY FOR JOINT TRIMMING

TON	LOCATION	STATION	REMARKS
4.49		6 + 06 - 15 + 69	
8.87		15 + 69 - 25 + 19	NB LEFT TURN LANE
24.05		25 + 19 - 42 + 37	VAR. 3-LANE SECTIONS
4.69		42 + 37 - 47 + 40	NB LEFT TURN LANE
6.52		47 + 40 - 61 + 37	
23.01		61 + 37 - 86 + 02	NB PASSING LANE
28.52		86 + 02 - 147 + 14	
23.33		147 + 14 - 172 + 14	SB PASSING LANE
5.18		172 + 14 - 183 + 24	
2.61		183 + 24 - 186 + 04	SB RIGHT TURN LANE
11.06		186 + 04 - 209 + 73	
2.61		209 + 73 - 212 + 53	SB RIGHT TURN LANE
20.00		212 + 53 - 255 + 38	
<u>164.95</u>	SUBTOTAL		
<u>729.28</u>	TOTAL		

## 48102100 AGGREGATE WEDGE SHOULDER, TYPE B

TON	LOCATION	STATION	REMARKS
18.00	LT	497 + 82 - 506 + 19	
500.00	RT/LT	0 + 00 - 660 + 00	DETOUR ROUTE LOCATIONS AS DIRECTED BY THE ENGINEER
8.66	LT	7 + 49 - 9 + 77	DETOUR ROUTE WIDENING
10.06	RT	8 + 63 - 11 + 28	DETOUR ROUTE WIDENING
3.16	LT	577 + 35 - 578 + 60	PINES ROAD
1.77	LT	578 + 90 - 579 + 60	PINES ROAD
2.15	LT	585 + 30 - 586 + 15	PINES ROAD
18.22	LT	586 + 60 - 593 + 80	PINES ROAD
0.33	RT	577 + 35 - 577 + 48	PINES ROAD
16.70	RT	577 + 80 - 584 + 40	PINES ROAD
22.27	RT	585 + 00 - 593 + 80	PINES ROAD
5.06	LT	612 + 10 - 614 + 10	PINES ROAD
5.06	RT	612 + 10 - 614 + 10	PINES ROAD
<u>611.45</u>	TOTAL		

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

FOOT	LOCATION	STATION	REMARKS
200	LT/RT	6 + 06 - 506 + 19	AS DIRECTED BY THE ENGINEER
<u>200</u>	TOTAL		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	29
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

FOOT	LOCATION	STATION	REMARKS
200	LT/RT	6 + 06 -506 + 19	AS DIRECTED BY THE ENGINEER
<u>200</u>	TOTAL		

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

EACH	LOCATION	STATION	REMARKS
4	LT/RT	6 + 06 -506 + 19	AS DIRECTED BY THE ENGINEER
<u>4</u>	TOTAL		

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

EACH	LOCATION	STATION	REMARKS
1	RT	254 + 42	071-0081 SE QUADRANT
1	LT	254 + 72	071-0081 SW QUADRANT
1	RT	257 + 08	071-0081 NE QUADRANT
1	LT	257 + 34	071-0081 NW QUADRANT
1	RT	455 + 90	071-0076 SE QUADRANT
1	LT	456 + 13	071-0076 SW QUADRANT
1	RT	458 + 71	071-0076 NE QUADRANT
1	LT	460 + 24	071-0075 SW QUADRANT
1	RT	461 + 29	
1	RT	461 + 76	071-0075 SE QUADRANT
1	LT	463 + 93	071-0075 NW QUADRANT
1	RT	464 + 07	071-0075 NE QUADRANT
1	LT	478 + 07	071-0074 SW QUADRANT
1	RT	478 + 07	071-0074 SE QUADRANT
1	RT	480 + 80	071-0074 NE QUADRANT
1	LT	480 + 80	071-0074 NW QUADRANT
<u>17</u>	TOTAL		

63200310 GUARDRAIL REMOVAL

FOOT	LOCATION	STATION	REMARKS
50	RT	254 + 42 -254 + 92	071-0081 SE QUADRANT
50	LT	254 + 72 -255 + 22	071-0081 SW QUADRANT
50	RT	256 + 58 -257 + 08	071-0081 NE QUADRANT
50	LT	256 + 84 -257 + 34	071-0081 NW QUADRANT
50	RT	455 + 90 -456 + 40	071-0076 SE QUADRANT
50	LT	456 + 13 -456 + 63	071-0076 SW QUADRANT
50	RT	458 + 21 -458 + 71	071-0076 NE QUADRANT
50	RT	460 + 24 -460 + 74	
50	RT	460 + 79 -461 + 29	
50	LT	461 + 20 -461 + 70	071-0075 SW QUADRANT
50	RT	461 + 76 -462 + 26	071-0075 SE QUADRANT
50	LT	463 + 43 -463 + 93	071-0075 NW QUADRANT
50	RT	463 + 57 -464 + 07	071-0075 NE QUADRANT
50	LT	478 + 07 -478 + 57	071-0074 SW QUADRANT
50	RT	478 + 07 -478 + 57	071-0074 SE QUADRANT
50	RT	480 + 30 -480 + 80	071-0074 NE QUADRANT
50	LT	480 + 30 -480 + 80	071-0074 NW QUADRANT
<u>300</u>	LT/RT	6 + 06 -506 + 19	AS DIRECTED BY THE ENGINEER
<u>1150</u>	TOTAL		

63301210 REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A

FOOT	LOCATION	STATION	REMARKS
380	RT	98 + 60 103 + 15	
1332.5	RT	106 + 80 120 + 50	
200.5	LT	118 + 12 120 + 50	
87.5	LT	123 + 50 124 + 75	
1787.5	RT	123 + 50 141 + 75	
350	LT	136 + 75 141 + 00	
845	RT	142 + 50 151 + 70	
325	RT	209 + 50 212 + 75	
300	LT	283 + 25 286 + 25	
250	RT	283 + 75 286 + 25	
1040	LT	290 + 60 301 + 00	
447.5	RT	298 + 15 303 + 00	
265	RT	310 + 05 312 + 70	
245	LT	310 + 05 312 + 50	
652.5	RT	325 + 10 332 + 00	
<u>1297.5</u>	RT	380 + 90 394 + 25	
<u>9805.5</u>	TOTAL		

63500105 DELINEATORS

EACH	LOCATION	STATION	REMARKS
6		DETOUR	LOCATIONS AS DIRECTED BY THE ENGINEER
<u>6</u>	TOTAL		

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

FOOT	LOCATION	STATION	REMARKS
3790	LT/RT	6 + 06 -29 + 75	
11224	LT/RT	51 + 00 -121 + 15	
21176	LT/RT	123 + 03 -255 + 38	
3614	LT/RT	256 + 41 -279 + 00	
528	LT/RT	283 + 10 -286 + 40	
26547	LT/RT	290 + 60 -456 + 52	
549	LT/RT	458 + 31 -461 + 74	
2413	LT/RT	463 + 50 -478 + 58	
<u>4144</u>	LT/RT	480 + 29 -506 + 19	
<u>73986</u>	TOTAL		

70300100 SHORT TERM PAVEMENT MARKING

WHITE			
FOOT	LOCATION	STATION	REMARKS
6905	LT/RT	6 + 06 -121 + 15	EDGE LINE
530	RT	64 + 29 -81 + 95	NB PASSING LANE - SKIP DASH
7834	LT/RT	123 + 03 -253 + 60	EDGE LINE
507	LT	153 + 13 -170 + 04	SB PASSING LANE - SKIP DASH
12007	LT/RT	256 + 41 -456 + 52	EDGE LINE
51	LT	354 + 52 -354 + 77	STOP BAR - CASTLE PARK RD
206	LT/RT	458 + 31 -461 + 74	EDGE LINE
905	LT/RT	463 + 50 -478 + 58	EDGE LINE
<u>1554</u>	LT/RT	480 + 29 -506 + 19	EDGE LINE
<u>30499</u>	SUB-TOTAL	---	WHITE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	30
CONTRACT NO. 64K27				
		ILLINOIS	FED. AID PROJECT	

# SCHEDULE OF QUANTITIES

## 70300100 SHORT TERM PAVEMENT MARKING - CONTINUED

<u>YELLOW</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
605	CL	6 + 06 -16 + 15	NPZ - DOUBLE
814	LT/RT	16 + 15 -29 + 72	MEDIAN - DOUBLE
242	LT/RT	29 + 72 -33 + 76	BI-DIRECTIONAL - DOUBLE
783	LT/RT	33 + 76 -46 + 81	MEDIAN - DOUBLE
402	CL	46 + 81 -60 + 20	SKIP DASH
1578	CL	60 + 20 -86 + 50	NPZ - DOUBLE
557	CL	86 + 50 -105 + 07	SKIP DASH
965	CL	105 + 07 -121 + 15	NPZ - DOUBLE
3675	CL	123 + 03 -184 + 28	NPZ - DOUBLE
1312	CL	184 + 28 -228 + 00	SKIP DASH
1536	CL	228 + 00 -253 + 60	NPZ - DOUBLE
101	CL	256 + 41 -258 + 10	NPZ - DOUBLE
702	LT/RT	258 + 10 -269 + 80	MEDIAN - DOUBLE
4520	CL	269 + 80 -345 + 13	NPZ - DOUBLE
1436	LT/RT	345 + 13 369 + 07	MEDIAN - DOUBLE
753	CL	369 + 07 381 + 62	NPZ - DOUBLE
579	CL	381 + 62 -400 + 91	SKIP DASH
3337	CL	400 + 91 -456 + 52	NPZ - DOUBLE
1793	LT/RT	414 + 23 -444 + 11	MEDIAN - DOUBLE
745	CL	444 + 11 -456 + 52	NPZ - DOUBLE
146	CL	458 + 31 -460 + 75	NPZ - DOUBLE
30	CL	460 + 75 -461 + 74	SKIP DASH
101	CL	463 + 50 -466 + 86	SKIP DASH
352	CL	466 + 86 -478 + 58	SKIP DASH
777	CL	480 + 29 -506 + 19	SKIP DASH
<u>27840</u>	SUB-TOTAL --- YELLOW		
<u>58339</u>	TOTAL		

## 70300150 SHORT TERM PAVEMENT MARKING REMOVAL

<u>SO FT</u>	<u>LOCATION</u>	<u>STATION</u>
<u>19446</u>		6 + 06 -506 + 19
19446		

## 70300210 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

<u>WHITE</u>			
<u>SO FT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
41.5	LT	155 + 60	SB LANE DROP ARROW
41.5	LT	158 + 35	SB LANE DROP ARROW
15.6	LT	183 + 39	RIGHT TURN ARROW TO PENN CORNER RD
15.6	LT	183 + 96	RIGHT TURN ARROW TO PENN CORNER RD
15.6	RT	211 + 68	RIGHT TURN ARROW TO HIDDEN HEIGHTS RD
15.6	RT	212 + 33	RIGHT TURN ARROW TO HIDDEN HEIGHTS RD
15.6	RT	314 + 60	RIGHT TURN ARROW
15.6	RT	315 + 18	RIGHT TURN ARROW
15.6	RT	401 + 73	RIGHT TURN ARROW TO BROOKS ISLAND RD
15.6	RT	402 + 48	RIGHT TURN ARROW TO BROOKS ISLAND RD
15.6	RT	493 + 57	RIGHT TURN ARROW TO COUNTY FARM RD
<u>15.6</u>	RT	494 + 26	RIGHT TURN ARROW TO COUNTY FARM RD
<u>239</u>	TOTAL		

## 70300220 TEMPORARY PAVEMENT MARKING - LINE 4"

<u>WHITE</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
2400	LT/RT	96 + 12 -108 + 12	AFTER PLACEMENT OF HMA BINDER COURSE
952		119 + 71 -124 + 47	PLACED ACCORDING TO HIGHWAY STANDARD 701321 (2 TIMES)
240	LT/RT	119 + 95 -121 + 15	FINAL TAPER TO BRIDGE DECK OVERLAY
240	LT/RT	123 + 03 -124 + 23	FINAL TAPER FROM BRIDGE DECK OVERLAY
26114	LT/RT	123 + 03 -253 + 60	AFTER PLACEMENT OF HMA BINDER COURSE
423	LT	153 + 13 -170 + 04	SB PASSING LANE - SKIP DASH
782		253 + 94 -257 + 85	PLACED ACCORDING TO HIGHWAY STANDARD 701321 (2 TIMES)
240	LT/RT	254 + 18 -255 + 38	FINAL TAPER TO BRIDGE DECK OVERLAY
240	LT/RT	256 + 41 -257 + 61	FINAL TAPER FROM BRIDGE DECK OVERLAY
14846	LT/RT	270 + 90 -345 + 13	AFTER PLACEMENT OF HMA BINDER COURSE
6470	LT/RT	380 + 90 -413 + 25	AFTER PLACEMENT OF HMA BINDER COURSE
934		455 + 08 -459 + 75	PLACED ACCORDING TO HIGHWAY STANDARD 701321 (2 TIMES)
240	LT/RT	455 + 32 -456 + 52	FINAL TAPER TO BRIDGE DECK OVERLAY
240	LT/RT	458 + 31 -459 + 51	FINAL TAPER FROM BRIDGE DECK OVERLAY
928		460 + 30 -464 + 94	PLACED ACCORDING TO HIGHWAY STANDARD 701321 (2 TIMES)
240	LT/RT	460 + 54 -461 + 74	FINAL TAPER TO BRIDGE DECK OVERLAY
240	LT/RT	463 + 50 -464 + 70	FINAL TAPER FROM BRIDGE DECK OVERLAY
918		477 + 14 -481 + 73	PLACED ACCORDING TO HIGHWAY STANDARD 701321 (2 TIMES)
240	LT/RT	477 + 38 -478 + 58	FINAL TAPER TO BRIDGE DECK OVERLAY
240	LT/RT	480 + 29 -481 + 49	FINAL TAPER FROM BRIDGE DECK OVERLAY
<u>2886</u>	LT/RT	483 + 39 -497 + 82	AFTER PLACEMENT OF HMA BINDER COURSE
<u>60053</u>	SUB-TOTAL --- WHITE		

<u>YELLOW</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
118		96 + 12 -100 + 85	NB & SB SKIP DASH
528		100 + 85 -105 + 07	NB NPZ SOLID/SB SKIP DASH
610		105 + 07 -108 + 12	NB & SB NPZ - DOUBLE SOLID
240		119 + 95 -121 + 15	NB & SB NPZ - DOUBLE SOLID
240		123 + 03 -124 + 23	NB & SB NPZ - DOUBLE SOLID
12250		123 + 03 -184 + 28	NB & SB NPZ - DOUBLE SOLID
290		184 + 28 -195 + 89	NB & SB SKIP DASH
952		195 + 89 -203 + 50	NB NPZ SOLID/SB SKIP DASH
45		203 + 50 -205 + 30	NB & SB SKIP DASH
1009		205 + 30 -213 + 37	SB NPZ SOLID/NB SKIP DASH
203		213 + 37 -221 + 50	NB & SB SKIP DASH
813		221 + 50 -228 + 00	NB NPZ SOLID/SB SKIP DASH
5120		228 + 00 253 + 60	NB & SB NPZ - DOUBLE SOLID
240		254 + 18 -255 + 38	NB & SB NPZ - DOUBLE SOLID
240		256 + 41 -257 + 61	NB & SB NPZ - DOUBLE SOLID
14846		270 + 90 -345 + 13	NB & SB NPZ - DOUBLE SOLID
144		380 + 90 -381 + 62	NB & SB NPZ - DOUBLE SOLID
1109		381 + 62 -390 + 49	NB NPZ SOLID/SB SKIP DASH
1303		390 + 49 -400 + 91	SB NPZ SOLID/NB SKIP DASH
2468		400 + 91 -413 + 25	NB & SB NPZ - DOUBLE SOLID
240		455 + 32 -456 + 52	NB & SB NPZ - DOUBLE SOLID
240		458 + 31 -459 + 51	NB & SB NPZ - DOUBLE SOLID
42		460 + 54 -460 + 75	NB & SB NPZ - DOUBLE SOLID
124		460 + 75 -461 + 74	NB NPZ SOLID/SB SKIP DASH
150		463 + 50 -464 + 70	NB NPZ SOLID/SB SKIP DASH
30		477 + 38 -478 + 58	NB & SB SKIP DASH
30		480 + 29 -481 + 49	NB & SB SKIP DASH
355		483 + 39 -497 + 60	NB & SB SKIP DASH
<u>28</u>		497 + 60 -497 + 82	NB NPZ SOLID/SB SKIP DASH
<u>44007</u>	SUB-TOTAL --- YELLOW		
<u>104060</u>	TOTAL		

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USER NAME = batesrl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	742					(38,39)RS-6	OGLE	135	31	
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64K27				
PLOT DATE = Oct-11-2017 09:00:27 AM	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

70300250 TEMPORARY PAVEMENT MARKING - LINE 8"

WHITE			
FOOT	LOCATION	STATION	REMARKS
100	LT	183 + 24 - 184 + 24	RIGHT TURN LANE LINE
100	RT	211 + 53 - 212 + 53	RIGHT TURN LANE LINE
20	RT	313 + 65 - 314 + 45	RIGHT TURN LANE - 2' TURKEY TRACKS
100	RT	314 + 45 - 315 + 45	RIGHT TURN LANE LINE
36	RT	400 + 15 - 401 + 58	RIGHT TURN LANE - 2' TURKEY TRACKS
110	RT	401 + 58 - 402 + 68	RIGHT TURN LANE LINE
100	RT	493 + 47 - 494 + 47	RIGHT TURN LANE LINE
<u>566</u>	TOTAL		

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

WHITE			
FOOT	LOCATION	STATION	REMARKS
15	LT	486 + 55 - 486 + 70	Stop Bar - CE
<u>15</u>	TOTAL		

70400100 TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	STATION	REMARKS
332		120 + 43 - 123 + 75	PLACED ACCORDING TO HIGHWAY STANDARD 701321
247		254 + 66 - 257 + 13	PLACED ACCORDING TO HIGHWAY STANDARD 701321
323		455 + 80 - 459 + 03	PLACED ACCORDING TO HIGHWAY STANDARD 701321
320		461 + 02 - 464 + 22	PLACED ACCORDING TO HIGHWAY STANDARD 701321
315		477 + 86 - 481 + 01	PLACED ACCORDING TO HIGHWAY STANDARD 701321
<u>1537</u>			

70400100 RELOCATE TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	STATION	REMARKS
332		120 + 43 - 123 + 75	PLACED ACCORDING TO HIGHWAY STANDARD 701321
247		254 + 66 - 257 + 13	PLACED ACCORDING TO HIGHWAY STANDARD 701321
323		455 + 80 - 459 + 03	PLACED ACCORDING TO HIGHWAY STANDARD 701321
320		461 + 02 - 464 + 22	PLACED ACCORDING TO HIGHWAY STANDARD 701321
315		477 + 86 - 481 + 01	PLACED ACCORDING TO HIGHWAY STANDARD 701321
<u>1537</u>			

70600250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION	STATION	REMARKS
1		123 + 75	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		257 + 13	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		459 + 03	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		464 + 22	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		481 + 01	PLACED ACCORDING TO HIGHWAY STANDARD 701321
<u>5</u>			

70600350 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION	STATION	REMARKS
1		123 + 75	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		257 + 13	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		459 + 03	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		464 + 22	PLACED ACCORDING TO HIGHWAY STANDARD 701321
1		481 + 01	PLACED ACCORDING TO HIGHWAY STANDARD 701321
<u>5</u>			

72501000 TERMINAL MARKER - DIRECT APPLIED

EACH	LOCATION	STATION	REMARKS
1	RT	254 + 42	071-0081 SE QUADRANT
1	LT	254 + 72	071-0081 SW QUADRANT
1	RT	257 + 08	071-0081 NE QUADRANT
1	LT	257 + 34	071-0081 NW QUADRANT
1	RT	455 + 90	071-0076 SE QUADRANT
1	LT	456 + 13	071-0076 SW QUADRANT
1	RT	458 + 71	071-0076 NE QUADRANT
1	RT	460 + 24	
1	LT	461 + 20	071-0075 SW QUADRANT
1	RT	461 + 29	
1	RT	461 + 76	071-0075 SE QUADRANT
1	LT	463 + 93	071-0075 NW QUADRANT
1	RT	464 + 07	071-0075 NE QUADRANT
1	LT	478 + 07	071-0074 SW QUADRANT
1	RT	478 + 07	071-0074 SE QUADRANT
1	RT	480 + 80	071-0074 NE QUADRANT
1	LT	480 + 80	071-0074 NW QUADRANT
<u>6</u>		DETOUR	AS DIRECTED BY THE ENGINEER
<u>23</u>	TOTAL		

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

WHITE			
SO FT	LOCATION	STATION	REMARKS
15.6	RT	20 + 43	LEFT TURN ARROW
15.6	RT	21 + 34	LEFT TURN ARROW
15.6	RT	22 + 25	LEFT TURN ARROW
15.6	RT	26 + 94	LEFT TURN ARROW
15.6	RT	27 + 81	LEFT TURN ARROW
15.6	RT	28 + 68	LEFT TURN ARROW
15.6	RT	26 + 94	RIGHT TURN ARROW
15.6	RT	27 + 81	RIGHT TURN ARROW
15.6	RT	28 + 68	RIGHT TURN ARROW
15.6	RT	29 + 96	BI-DIRECTIONAL LEFT ARROW
15.6	RT	30 + 11	BI-DIRECTIONAL LEFT ARROW
15.6	RT	31 + 58	BI-DIRECTIONAL LEFT ARROW
15.6	RT	31 + 74	BI-DIRECTIONAL LEFT ARROW
15.6	RT	33 + 33	BI-DIRECTIONAL LEFT ARROW
15.6	RT	33 + 49	BI-DIRECTIONAL LEFT ARROW
15.6	RT	34 + 88	LEFT TURN ARROW
15.6	RT	35 + 25	LEFT TURN ARROW
15.6	RT	35 + 69	LEFT TURN ARROW
15.6	RT	37 + 14	LEFT TURN ARROW
15.6	RT	37 + 80	LEFT TURN ARROW
15.6	RT	38 + 30	LEFT TURN ARROW
15.6	LT	39 + 43	RIGHT TURN ARROW
15.6	LT	39 + 90	RIGHT TURN ARROW
15.6	LT	40 + 66	RIGHT TURN ARROW
15.6	RT	42 + 16	LEFT TURN ARROW
15.6	RT	42 + 50	LEFT TURN ARROW
15.6	RT	42 + 93	LEFT TURN ARROW
41.5	RT	76 + 83	NB LANE DROP ARROW
41.5	RT	79 + 18	NB LANE DROP ARROW
41.5	LT	155 + 60	SB LANE DROP ARROW
41.5	LT	158 + 35	SB LANE DROP ARROW
<u>587.2</u>	SUBTOTAL		

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	DRAWN -	REVISED -
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PLOT DATE = Oct-11-2017 09:00:43 AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	32
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				



# SCHEDULE OF QUANTITIES

## 78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS - CONTINUED

<u>WHITE</u>			
<u>SO FT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
15.6	LT	183 + 39	RIGHT TURN ARROW TO PENN CORNER RD
15.6	LT	183 + 96	RIGHT TURN ARROW TO PENN CORNER RD
15.6	RT	211 + 68	RIGHT TURN ARROW TO HIDDEN HEIGHTS RD
15.6	RT	212 + 33	RIGHT TURN ARROW TO HIDDEN HEIGHTS RD
15.6		262 + 28	LEFT TURN ARROW
15.6		262 + 84	LEFT TURN ARROW
15.6		264 + 20	LEFT TURN ARROW
15.6		264 + 76	LEFT TURN ARROW
15.6	RT	314 + 60	RIGHT TURN ARROW
15.6	RT	315 + 18	RIGHT TURN ARROW
15.6	LT	352 + 73	LEFT TURN ARROW TO CASTLE PARK RD
15.6	LT	354 + 03	LEFT TURN ARROW TO CASTLE PARK RD
15.6	LT	355 + 78	RIGHT TURN ARROW TO CASTLE PARK RD
15.6	RT	356 + 39	RIGHT TURN ARROW
15.6	LT	357 + 08	RIGHT TURN ARROW TO CASTLE PARK RD
15.6	RT	357 + 69	RIGHT TURN ARROW
15.6	LT	359 + 28	LEFT TURN ARROW
15.6	LT	360 + 58	LEFT TURN ARROW
15.6	RT	401 + 73	RIGHT TURN ARROW TO BROOKS ISLAND RD
15.6	RT	402 + 48	RIGHT TURN ARROW TO BROOKS ISLAND RD
15.6		418 + 92	LEFT TURN ARROW
15.6		419 + 57	LEFT TURN ARROW
15.6	LT	421 + 42	RIGHT TURN ARROW
15.6	LT	422 + 05	RIGHT TURN ARROW
15.6	RT	422 + 97	RIGHT TURN ARROW TO SNYDER RD
15.6	RT	422 + 97	LEFT TURN ARROW
15.6	RT	424 + 04	RIGHT TURN ARROW TO SNYDER RD
15.6	RT	424 + 05	LEFT TURN ARROW
15.6		425 + 59	LEFT TURN ARROW TO SNYDER RD
15.6	LT	425 + 59	RIGHT TURN ARROW
15.6		426 + 28	LEFT TURN ARROW TO SNYDER RD
15.6	LT	426 + 28	RIGHT TURN ARROW
15.6		429 + 59	LEFT TURN ARROW
15.6		430 + 93	LEFT TURN ARROW
15.6		432 + 55	LEFT TURN ARROW
15.6	LT	432 + 65	RIGHT TURN ARROW
15.6		433 + 29	LEFT TURN ARROW
15.6	LT	433 + 40	RIGHT TURN ARROW
15.6	LT	434 + 66	RIGHT TURN ARROW
15.6	LT	435 + 47	RIGHT TURN ARROW
15.6		440 + 19	LEFT TURN ARROW TO SNYDER RD
15.6		440 + 84	LEFT TURN ARROW TO SNYDER RD
15.6	LT	449 + 59	RIGHT TURN ARROW TO DEVILS BACKBONE RD
15.6	LT	450 + 25	RIGHT TURN ARROW TO DEVILS BACKBONE RD
15.6	RT	493 + 57	RIGHT TURN ARROW TO COUNTY FARM RD
15.6	RT	494 + 26	RIGHT TURN ARROW TO COUNTY FARM RD
<u>717.6</u>			SUBTOTAL
<u>1305</u>			TOTAL

## 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

<u>YELLOW</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
780		16 + 15 -20 + 05	MEDIAN DOUBLE SOLID
956		20 + 05 -22 + 44	MEDIAN DOUBLE SOLID
1584		22 + 44 -26 + 40	MEDIAN DOUBLE SOLID
1328		26 + 40 -29 + 72	MEDIAN DOUBLE SOLID
1010		29 + 72 -33 + 76	BI-DIRECTIONAL
1888		33 + 76 -38 + 48	MEDIAN DOUBLE SOLID
1304		38 + 48 -41 + 74	MEDIAN DOUBLE SOLID
564		41 + 74 -43 + 15	MEDIAN DOUBLE SOLID
1404		43 + 15 -46 + 66	MEDIAN DOUBLE SOLID
60		46 + 66 -46 + 81	MEDIAN DOUBLE SOLID
239		258 + 10 -258 + 70	MEDIAN DOUBLE SOLID
1187		258 + 70 -261 + 66	MEDIAN DOUBLE SOLID
2320		264 + 00 -269 + 80	MEDIAN DOUBLE SOLID
3660		345 + 13 -354 + 28	MEDIAN DOUBLE SOLID
1574		354 + 28 -358 + 22	MEDIAN DOUBLE SOLID
3724		358 + 22 -367 + 53	MEDIAN DOUBLE SOLID
616		367 + 53 -369 + 07	MEDIAN DOUBLE SOLID
5977		414 + 23 -444 + 11	MEDIAN DOUBLE SOLID
50		CANAL STREET	DOUBLE SOLID
50		ILLINOIS STREET	DOUBLE SOLID
540		BROAD STREET	MEDIAN DOUBLE SOLID
<u>30815</u>	TOTAL		

## 78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

<u>WHITE</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
442	RT	64 + 29 -81 + 95	NB PASSING LANE - SKIP DASH
423	LT	153 + 13 -170 + 04	SB PASSING LANE - SKIP DASH
<u>865</u>	TOTAL		

## 78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

<u>WHITE</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
210	RT	20 + 34 -22 + 44	LEFT TURN LANE LINE
202	RT	26 + 84 -28 + 86	LEFT TURN LANE LINE
202	RT	26 + 84 -28 + 86	RIGHT TURN LANE LINE
114	LT	34 + 65 -35 + 79	LEFT TURN LANE LINE
150	RT	36 + 98 -38 + 48	LEFT TURN LANE LINE
151	LT	39 + 21 -40 + 72	RIGHT TURN LANE LINE
100	LT	42 + 15 -43 + 15	LEFT TURN LANE LINE
100	LT	183 + 24 -184 + 24	RIGHT TURN LANE LINE
100	RT	211 + 53 -212 + 53	RIGHT TURN LANE LINE
101	RT	262 + 10 -263 + 11	LEFT TURN LANE LINE
100	LT	264 + 00 -265 + 00	LEFT TURN LANE LINE
20	RT	313 + 65 -314 + 45	RIGHT TURN LANE - 2' TURKEY TRACKS
100	RT	314 + 45 -315 + 45	RIGHT TURN LANE LINE
205	RT	352 + 23 -354 + 28	LEFT TURN LANE LINE
205	LT	355 + 53 -357 + 58	RIGHT TURN LANE LINE
48	RT	353 + 97 -355 + 88	RIGHT TURN LANE - 2' TURKEY TRACKS
206	RT	355 + 88 -357 + 94	RIGHT TURN LANE LINE
205	LT	358 + 99 -361 + 04	LEFT TURN LANE LINE
57	LT	361 + 04 -363 + 34	LEFT TURN LANE - 2' TURKEY TRACKS
36	RT	400 + 15 -401 + 58	RIGHT TURN LANE - 2' TURKEY TRACKS
110	RT	401 + 58 -402 + 68	RIGHT TURN LANE LINE
100	RT	418 + 78 -419 + 78	LEFT TURN LANE LINE
101	LT	421 + 15 -422 + 16	RIGHT TURN LANE LINE
38	RT	421 + 27 -422 + 77	RIGHT TURN LANE - 2' TURKEY TRACKS
33	LT	422 + 16 -423 + 48	LEFT TURN LANE - 2' TURKEY TRACKS
148	RT	422 + 77 -424 + 25	RIGHT TURN LANE LINE
<u>3142</u>	SUBTOTAL		

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	DRAWN -	REVISED -
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PLOT DATE = Oct-11-2017 09:00:58 AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	

# SCHEDULE OF QUANTITIES

## 78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8" - CONTINUED

<u>WHITE</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
148	RT	422 + 77 -424 + 25	LEFT TURN LANE LINE
104	LT	425 + 39 -426 + 42	RIGHT TURN LANE LINE
104	LT	425 + 39 -426 + 42	LEFT TURN LANE LINE
38	LT	426 + 42 -427 + 96	RIGHT TURN LANE - 2' TURKEY TRACKS
230	RT	428 + 99 -431 + 29	LEFT TURN LANE LINE
105	RT	432 + 45 -433 + 50	LEFT TURN LANE LINE
105	LT	432 + 45 -433 + 50	RIGHT TURN LANE LINE
19	LT	433 + 50 -434 + 25	RIGHT TURN LANE - 2' TURKEY TRACKS
133	LT	434 + 25 -435 + 57	RIGHT TURN LANE LINE
37	LT	435 + 57 -437 + 06	RIGHT TURN LANE - 2' TURKEY TRACKS
100	LT	439 + 94 -440 + 93	LEFT TURN LANE LINE
37	LT	440 + 94 -442 + 43	LEFT TURN LANE - 2' TURKEY TRACKS
102	LT	449 + 33 -450 + 35	RIGHT TURN LANE LINE
36	LT	450 + 35 -451 + 78	RIGHT TURN LANE - 2' TURKEY TRACKS
100	RT	493 + 47 -494 + 47	RIGHT TURN LANE LINE
1397	SUBTOTAL		
4539	TOTAL		

## 78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

<u>YELLOW</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
139.0		15 + 71 -22 + 46	MEDIAN DIAGONALS
144.0		23 + 08 -28 + 88	MEDIAN DIAGONALS
121.0		39 + 21 -43 + 15	MEDIAN DIAGONALS
83.0		43 + 94 -46 + 81	MEDIAN DIAGONALS
75.5		258 + 39 -262 + 87	MEDIAN DIAGONALS
83.6		264 + 31 -269 + 70	MEDIAN DIAGONALS
209.1		345 + 45 -354 + 06	MEDIAN DIAGONALS
169.5		355 + 07 -358 + 19	MEDIAN DIAGONALS
222.7		359 + 11 -367 + 83	MEDIAN DIAGONALS
102.2		414 + 37 -419 + 77	MEDIAN DIAGONALS
67.8		420 + 93 -423 + 95	MEDIAN DIAGONALS
65.6		425 + 65 -431 + 06	MEDIAN DIAGONALS
5.9		432 + 50 -433 + 16	MEDIAN DIAGONALS
241.8		434 + 67 -439 + 13	MEDIAN DIAGONALS
89.0		440 + 53 -444 + 74	MEDIAN DIAGONALS
28.0		BROAD STREET	MEDIAN DIAGONALS
1847.7	TOTAL		

## 78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

<u>WHITE</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
25.5	LT	354 + 52 -354 + 77	STOP BAR - CASTLE PARK RD
14.5	LT	486 + 55 -486 + 70	STOP BAR - CE
27.0	LT	CANAL STREET	STOP BAR
30.0	LT	ILLINOIS STREET	STOP BAR
25.0	LT	BROAD STREET	STOP BAR
26.0	RT	ROADSIDE PARK	STOP BAR
148.0	TOTAL		

## 78001110 PAINT PAVEMENT MARKING - LINE 4" (2 APPLICATIONS)

<u>WHITE</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
6712	LT/RT	6 + 06 -22 + 84	EDGE LINE
2304	LT/RT	22 + 84 -28 + 60	EDGE LINE
288	LT/RT	28 + 60 -29 + 32	EDGE LINE
530	RT	48 + 35 -51 + 00	EDGE LINE
147600	LT/RT	51 + 00 -420 + 00	EDGE LINE
200	RT	420 + 00 -421 + 00	EDGE LINE
4116	LT/RT	421 + 00 -431 + 29	EDGE LINE
232	RT	431 + 29 -432 + 45	EDGE LINE
420	LT/RT	432 + 45 -433 + 50	EDGE LINE
146	RT	433 + 50 -434 + 23	EDGE LINE
2000	LT/RT	434 + 23 -439 + 23	EDGE LINE
188	LT	439 + 00 -439 + 94	EDGE LINE
3436	LT/RT	439 + 94 -448 + 53	EDGE LINE
160	RT	448 + 53 -449 + 33	EDGE LINE
18056	LT/RT	449 + 33 -494 + 47	EDGE LINE
146	LT	494 + 47 -495 + 20	EDGE LINE
4396	LT/RT	495 + 20 -506 + 19	EDGE LINE
139663	LT/RT	0 + 00 -349 + 16	DETOUR EDGE LINE
6592	LT/RT	577 + 35 -593 + 83	DETOUR EDGE LINE
772	LT/RT	612 + 13 -614 + 06	DETOUR EDGE LINE
337957	SUB-TOTAL - - - WHITE		

\*WHITE EDGE LINES SHALL CONTINUE AROUND SIDEROAD RETURNS. QUANTITY HAS BEEN INCLUDED

<u>YELLOW</u>			
<u>FOOT</u>	<u>LOCATION</u>	<u>STATION</u>	<u>REMARKS</u>
10090		6 + 06 -16 + 15	NB & SB NPZ - DOUBLE SOLID
1173		46 + 81 -51 + 50	SB NPZ SOLID/NB SKIP DASH
435		51 + 50 -60 + 20	NB & SB SKIP DASH
10519		60 + 20 -86 + 50	NB & SB NPZ - DOUBLE SOLID
717		86 + 50 -100 + 85	NB & SB SKIP DASH
1056		100 + 85 -105 + 07	NB NPZ SOLID/SB SKIP DASH
31683		105 + 07 -184 + 28	NB & SB NPZ - DOUBLE SOLID
580		184 + 28 -195 + 89	NB & SB SKIP DASH
1903		195 + 89 -203 + 50	NB NPZ SOLID/SB SKIP DASH
90		203 + 50 -205 + 30	NB & SB SKIP DASH
2018		205 + 30 -213 + 37	SB NPZ SOLID/NB SKIP DASH
407		213 + 37 -221 + 50	NB & SB SKIP DASH
1625		221 + 50 -228 + 00	NB NPZ SOLID/SB SKIP DASH
12041		228 + 00 -258 + 10	NB & SB NPZ - DOUBLE SOLID
30132		269 + 80 -345 + 13	NB & SB NPZ - DOUBLE SOLID
5020		369 + 07 -381 + 62	NB & SB NPZ - DOUBLE SOLID
2218		381 + 62 -390 + 49	NB NPZ SOLID/SB SKIP DASH
2605		390 + 49 -400 + 91	SB NPZ SOLID/NB SKIP DASH
5328		400 + 91 -414 + 23	NB & SB NPZ - DOUBLE SOLID
6656		444 + 11 -460 + 75	NB & SB NPZ - DOUBLE SOLID
1528		460 + 75 -466 + 86	NB NPZ SOLID/SB SKIP DASH
1537		466 + 86 -497 + 60	NB & SB SKIP DASH
2148		497 + 60 -506 + 19	NB NPZ SOLID/SB SKIP DASH
131509	SUB-TOTAL - - - YELLOW		
469466	TOTAL		

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USER NAME = batesrl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -				742	(38,39)RS-6	OGLE	135	34	
PLOT DATE = Oct-11-2017 09:01:18 AM	DATE -	REVISED -		SCALE:		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
CONTRACT NO. 64K27											

# SCHEDULE OF QUANTITIES

## 78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION	STATION	REMARKS
34	LT/RT	15 + 69 -22 + 44	DOUBLE TWO-WAY AMBER - 40' O.C.
11	RT	20 + 34 -22 + 44	ONE-WAY CRYSTAL - 20' O.C.
30	LT/RT	23 + 06 -28 + 89	DOUBLE TWO-WAY AMBER - 40' O.C.
11	RT	26 + 84 -28 + 89	ONE-WAY CRYSTAL - 20' O.C.
11	RT	26 + 84 -28 + 89	ONE-WAY CRYSTAL - 20' O.C.
21	LT/RT	29 + 73 -33 + 76	DOUBLE TWO-WAY AMBER - 40' O.C.
20	LT/RT	34 + 66 -38 + 49	DOUBLE TWO-WAY AMBER - 40' O.C.
6	LT	34 + 66 -35 + 79	ONE-WAY CRYSTAL - 20' O.C.
8	RT	36 + 99 -38 + 49	ONE-WAY CRYSTAL - 20' O.C.
20	LT/RT	39 + 22 -43 + 15	DOUBLE TWO-WAY AMBER - 40' O.C.
8	LT	39 + 22 -40 + 72	ONE-WAY CRYSTAL - 20' O.C.
5	RT	42 + 15 -43 + 15	ONE-WAY CRYSTAL - 20' O.C.
15	LT/RT	43 + 93 -46 + 81	DOUBLE TWO-WAY AMBER - 40' O.C.
22	CL	46 + 81 -64 + 00	TWO-WAY AMBER - 80' O.C.
90	LT/RT	64 + 00 -82 + 00	DOUBLE TWO-WAY AMBER - 40' O.C.
23	RT	64 + 00 -82 + 00	ONE-WAY CRYSTAL - 80' O.C.
88	CL	82 + 00 -152 + 12	TWO-WAY AMBER - 80' O.C.
88	LT/RT	152 + 92 -170 + 52	DOUBLE TWO-WAY AMBER - 40' O.C.
22	LT	152 + 98 -170 + 58	ONE-WAY CRYSTAL - 80' O.C.
108	CL	171 + 32 -257 + 72	TWO-WAY AMBER - 80' O.C.
5	LT	183 + 24 -184 + 24	ONE-WAY CRYSTAL - 20' O.C.
5	RT	211 + 53 -212 + 53	ONE-WAY CRYSTAL - 20' O.C.
27	LT/RT	257 + 72 -263 + 10	DOUBLE TWO-WAY AMBER - 40' O.C.
5	RT	262 + 10 -263 + 10	ONE-WAY CRYSTAL - 20' O.C.
30	LT/RT	264 + 00 -270 + 00	DOUBLE TWO-WAY AMBER - 40' O.C.
5	LT	264 + 00 -265 + 00	ONE-WAY CRYSTAL - 20' O.C.
180	CL	272 + 00 -344 + 00	DOUBLE TWO-WAY AMBER - 80' O.C.
5	RT	314 + 44 -315 + 44	ONE-WAY CRYSTAL - 20' O.C.
50	LT/RT	344 + 33 -354 + 28	DOUBLE TWO-WAY AMBER - 40' O.C.
11	RT	352 + 20 -354 + 28	ONE-WAY CRYSTAL - 20' O.C.
17	LT/RT	354 + 98 -358 + 22	DOUBLE TWO-WAY AMBER - 40' O.C.
11	LT	355 + 53 -357 + 56	ONE-WAY CRYSTAL - 20' O.C.
11	RT	355 + 88 -357 + 94	ONE-WAY CRYSTAL - 20' O.C.
11	LT	359 + 00 -361 + 04	ONE-WAY CRYSTAL - 20' O.C.
46	LT/RT	359 + 00 -368 + 14	DOUBLE TWO-WAY AMBER - 40' O.C.
57	CL	368 + 14 -413 + 74	TWO-WAY AMBER - 80' O.C.
5	RT	401 + 58 -402 + 58	ONE-WAY CRYSTAL - 20' O.C.
28	LT/RT	414 + 23 -419 + 78	DOUBLE TWO-WAY AMBER - 40' O.C.
5	RT	418 + 78 -419 + 78	ONE-WAY CRYSTAL - 20' O.C.
19	LT/RT	420 + 65 -424 + 25	DOUBLE TWO-WAY AMBER - 40' O.C.
6	LT	421 + 15 -422 + 16	ONE-WAY CRYSTAL - 20' O.C.
8	RT	422 + 77 -424 + 25	ONE-WAY CRYSTAL - 20' O.C.
6	LT	425 + 39 -426 + 42	ONE-WAY CRYSTAL - 20' O.C.
6	LT	425 + 39 -426 + 42	ONE-WAY CRYSTAL - 20' O.C.
30	LT/RT	425 + 39 -431 + 29	DOUBLE TWO-WAY AMBER - 40' O.C.
12	RT	428 + 99 -431 + 29	ONE-WAY CRYSTAL - 20' O.C.
6	LT	432 + 45 -433 + 50	ONE-WAY CRYSTAL - 20' O.C.
6	RT	432 + 45 -433 + 50	ONE-WAY CRYSTAL - 20' O.C.
6	LT/RT	432 + 45 -433 + 50	DOUBLE TWO-WAY AMBER - 40' O.C.
26	LT/RT	434 + 23 -439 + 25	DOUBLE TWO-WAY AMBER - 40' O.C.
7	LT	434 + 24 -435 + 56	ONE-WAY CRYSTAL - 20' O.C.
26	LT/RT	439 + 94 -445 + 03	DOUBLE TWO-WAY AMBER - 40' O.C.
5	LT	439 + 94 -440 + 93	ONE-WAY CRYSTAL - 20' O.C.
29		483 + 39 -506 + 19	TWO-WAY AMBER - 80' O.C.
6	LT	449 + 33 -450 + 35	ONE-WAY CRYSTAL - 20' O.C.
5	RT	493 + 47 -494 + 47	ONE-WAY CRYSTAL - 20' O.C.

1107	TWO-WAY AMBER
257	ONE-WAY CRYSTAL
<u>1364</u>	TOTAL

## 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH	LOCATION	STATION
397		96 + 12 -270 + 95
101		270 + 95 -344 + 00
<u>231</u>		344 + 00 -497 + 72
729	TOTAL	

## Z0028415 GEOTECHNICAL REINFORCEMENT

SO YD	LOCATION	REMARKS
130	IL 2 PATCHING	AS DIRECTED BY THE ENGINEER
130	TOTAL	

## Z0033700 LONGITUDINAL JOINT SEALANT

FOOT	LOCATION	STATION	REMARKS
169		256 + 41 -258 + 10	
2526		258 + 10 -270 + 73	NB & SB LEFT TURN LANES
4293		270 + 73 -313 + 66	
438		313 + 66 -315 + 85	NB RIGHT TURN LANE
2928		315 + 85 -345 + 13	
1768		345 + 13 -353 + 97	NB LEFT TURN LANE
306		353 + 97 -354 + 99	NB LEFT & RIGHT TURN LANES
1300		354 + 99 -358 + 24	NB & SB TURN LANES
1980		358 + 24 -368 + 14	SB LEFT TURN LANE
3201		368 + 14 -400 + 15	
508		400 + 15 -402 + 69	NB RIGHT TURN LANE
1154		402 + 69 -414 + 23	
1246		414 + 23 -420 + 46	NB LEFT TURN LANE
1208		420 + 46 -423 + 48	NB & SB TURN LANES
1344		423 + 48 -427 + 96	NB & SB TURN LANES
778		427 + 96 -431 + 85	NB LEFT TURN LANE
1563		431 + 85 -437 + 06	NB & SB TURN LANES
1762		437 + 06 -445 + 87	SB LEFT TURN LANE
346		445 + 87 -449 + 33	
654		449 + 33 -452 + 60	SB RIGHT TURN LANE
392		452 + 60 -456 + 52	
343		458 + 31 -461 + 74	
1508		463 + 50 -478 + 58	
1138		480 + 29 -491 + 67	
578		491 + 67 -494 + 56	NB RIGHT TURN LANE
<u>1163</u>		494 + 56 -506 + 19	
34594	TOTAL		

## X0326697 CENTER LINE - RUMBLE STRIP, 8"

FOOT	LOCATION	STATION
7200	CL	272 + 00 -344 + 00
7200	TOTAL	

## X2110100 TOPSOIL FURNISH AND PLACE, SPECIAL

CU YD	LOCATION	STATION
29.63	LT/RT	96 + 12 -108 + 12
322.40	LT/RT	123 + 03 -253 + 60
183.28	LT/RT	270 + 90 -345 + 13
79.88	LT/RT	380 + 90 -413 + 25
<u>35.63</u>	LT/RT	483 + 39 -497 + 82
650.82	TOTAL	

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USER NAME = batesrf	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 200,0000' / in.	DRAWN -	REVISED -					742	(38,39)RS-6	OGLE	135	35
PLOT DATE = Oct-11-2017 09:01:31 AM	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64K27				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

X4400196 HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

JOINT TRIMMING			
SO_YD	LOCATION	STATION	REMARKS
53.50		6 + 06 -15 + 69	
105.56		15 + 69 -25 + 19	NB LEFT TURN LANE
286.33		25 + 19 -42 + 37	VAR. 3-LANE SECTIONS
55.89		42 + 37 -47 + 40	NB LEFT TURN LANE
77.61		47 + 40 -61 + 37	
273.89		61 + 37 -86 + 02	NB PASSING LANE
339.56		86 + 02 -147 + 14	
277.78		147 + 14 -172 + 14	SB PASSING LANE
61.67		172 + 14 -183 + 24	
31.11		183 + 24 -186 + 04	SB RIGHT TURN LANE
131.61		186 + 04 -209 + 73	
31.11		209 + 73 -212 + 53	SB RIGHT TURN LANE
<u>238.06</u>		212 + 53 -255 + 38	
1963.67			

X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

SO_YD	LOCATION	STATION	REMARKS
533.33	LT/RT	123 + 03 -124 + 23	TEMP. TAPER REMOVAL
234.67	RT	503 + 55 -506 + 19	
266.67	LT	579 + 00 -585 + 00	PINES ROAD OVERLAY WITH CURB & GUTTER
381.11		607 + 54 -610 + 97	PINES ROAD RESURF. WITH GUARDRAIL
<u>248.89</u>		614 + 28 -616 + 84	PINES ROAD RESURF. WITH GUARDRAIL
1664.67	TOTAL		

X7030005 TEMPORARY PAVEMENT MARKING REMOVAL

SO_FT	LOCATION	STATION	REMARKS
317		119 + 71 -124 + 47	HIGHWAY STANDARD 701321 REMOVAL (2 TIMES)
80	LT/RT	119 + 95 -121 + 15	FINAL TAPER TO BRIDGE DECK OVERLAY
80	LT/RT	123 + 03 -124 + 23	FINAL TAPER FROM BRIDGE DECK OVERLAY
261		253 + 94 -257 + 85	HIGHWAY STANDARD 701321 REMOVAL (2 TIMES)
80	LT/RT	254 + 18 -255 + 38	FINAL TAPER TO BRIDGE DECK OVERLAY
80	LT/RT	256 + 41 -257 + 61	FINAL TAPER FROM BRIDGE DECK OVERLAY
311		455 + 08 -459 + 75	HIGHWAY STANDARD 701321 REMOVAL (2 TIMES)
80	LT/RT	455 + 32 -456 + 52	FINAL TAPER TO BRIDGE DECK OVERLAY
80	LT/RT	458 + 31 -459 + 51	FINAL TAPER FROM BRIDGE DECK OVERLAY
309		460 + 30 -464 + 94	HIGHWAY STANDARD 701321 REMOVAL (2 TIMES)
80	LT/RT	460 + 54 -461 + 74	FINAL TAPER TO BRIDGE DECK OVERLAY
80	LT/RT	463 + 50 -464 + 70	FINAL TAPER FROM BRIDGE DECK OVERLAY
306		477 + 14 -481 + 73	HIGHWAY STANDARD 701321 REMOVAL (2 TIMES)
80	LT/RT	477 + 38 -478 + 58	FINAL TAPER TO BRIDGE DECK OVERLAY
<u>80</u>	LT/RT	480 + 29 -481 + 49	FINAL TAPER FROM BRIDGE DECK OVERLAY
1987	TOTAL		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	36
CONTRACT NO. 64K27				
		ILLINOIS	FED. AID PROJECT	

# CLASS B PATCHING SCHEDULE

12 FEET LANE WIDTH				44200970		44200974		44200976		44213200	44201299	44213202	44213100
STATION	REMARKS	LENGTH OF PATCH		CLASS B PATCHES, TYPE II, 10"		CLASS B PATCHES, TYPE III, 10"		CLASS B PATCHES, TYPE IV, 10"		SAW CUTS (3W+?L) ( feet )	DOWEL BARS 1-1/2" (each)	TIE BARS 1" (each)	PAVEMENT FABRIC ( yd <sup>2</sup> )
		LT LANE (feet)	RT LANE (feet)	LT LANE ( yd <sup>2</sup> )	RT LANE ( yd <sup>2</sup> )	LT LANE ( yd <sup>2</sup> )	RT LANE ( yd <sup>2</sup> )	LT LANE ( yd <sup>2</sup> )	RT LANE ( yd <sup>2</sup> )				
498 + 14			14				18.7			50	20		18.7
498 + 78		6		8.0						42	20		
499 + 21		8		10.7						44	20		
499 + 58		6	6	8.0	8.0					78	40		
500 + 72			6		8.0					42	20		
501 + 62			6		8.0					42	20		
502 + 10		6	6	8.0	8.0					78	40		
502 + 62		20	6		8.0			26.7		92	40	9	26.7
503 + 64		20						26.7		56	20	9	26.7
504 + 48		6	6	8.0	8.0					78	40		
504 + 99		6		8.0						42	20		
505 + 53		6	6	8.0	8.0					78	40		
	SUBTOTALS			58.7	56.0		18.7	53.3		722	340	18	72.0
	TOTALS			115		19		53		722	340	18	72

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PLOT DATE = Oct-11-2017 09:02:12 AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLASS B PATCHING SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	37
CONTRACT NO. 64K27				
ILLINOIS		FED. AID PROJECT		

# CLASS D PATCHING SCHEDULE

44002232      40601005

STATION	LENGTH OF PATCH		AREA OF PATCH		HMA REMOVAL OVER PATCHES, 8" ( yd <sup>2</sup> )	HMA REPLACEMENT OVER PATCHES (TON)
	LT LANE	RT LANE	LT LANE	RT LANE		
	(feet)	(feet)	( yd <sup>2</sup> )	( yd <sup>2</sup> )		
<b>NORTHBOUND LANE</b>						
109 + 74		16		21.3	21.3	9.56
256 + 38		15		20.0	20.0	8.96
345 + 93		100		133.3	133.3	59.73
362 + 3		10		13.3	13.3	5.97
419 + 00		150		200.0	200.0	89.60
<b>SOUTHBOUND LANE</b>						
41 + 41	34		45.3		45.3	20.31
256 + 38	15		20.0		20.0	8.96
345 + 93	60		80.0		80.0	35.84
362 + 3	10		13.3		13.3	5.97
417 + 20	150		200.0		200.0	89.60
421 + 50	35		46.7		46.7	20.91
426 + 00	35		46.7		46.7	20.91
433 + 00	45		60.0		60.0	26.88
<b>TOT</b>	<b>384</b>	<b>291</b>	<b>512.0</b>	<b>388.0</b>	<b>900.0</b>	<b>403.2</b>

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				SCALE:      SHEET      OF      SHEETS      STA.      TO STA.	CONTRACT NO. 64K27				
				ILLINOIS FED. AID PROJECT					

# CLASS D DETOUR PATCHING SCHEDULE

STATION	11FEET LANE WIDTH			AREA OF PATCHES			
	LENGTH OF PATCH		30300108	44201745		44201747	
	LT LANE	RT LANE	AGGREGATE SUBGRADE IMPROVEMENT, 8"	CLASS D PATCHES, TYPE III, 8"		CLASS D PATCHES, TYPE IV, 8"	
(feet)	(feet)	( yd <sup>2</sup> )	( yd <sup>2</sup> )	( yd <sup>2</sup> )	( yd <sup>2</sup> )	( yd <sup>2</sup> )	( yd <sup>2</sup> )
0+00	INTERSECTION OF BROAD STREET AND IL 2						
13+64		70	85.6				85.6
20+31		169	206.6				206.6
45+51		150	183.3				183.3
52+88		123	150.3				150.3
54+64	224		273.8			273.8	
55+33		155	189.4				189.4
57+49	106		129.6			129.6	
58+28		347	424.1				424.1
77+73		82	100.2				100.2
111+10		52	63.6				63.6
113+57		34	41.6				41.6
161+87	PENN CORNER ROAD						
171+16	126		154.0			154.0	
181+57		45	55.0				55.0
219+95		25	30.6				30.6
231+22	15		18.3	18.3			
238+67		57	69.7				69.7
241+71	178		217.6			217.6	
255+83		105	128.3				128.3
<b>TOTALS</b>		<b>2063</b>	<b>2521.4</b>	<b>18.3</b>		<b>2503.1</b>	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLASS D PATCHING SCHEDULE (DETOUR ROUTE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	39
CONTRACT NO. 64K27				
		ILLINOIS	FED. AID PROJECT	

# HOT-MIX ASPHALT SCHEDULE (MAINLINE)

40600290      40600627      40600990      40603080      40603310      44000158      44000173

LOCATION	REMARKS	HOT-MIX ASPHALT			BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MM), IL-9.5FG, N50	TEMPORARY RAMP	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	HMA SURFACE REMOVAL, 6"
		PAVEMENT									
		LENGTH	WIDTH	AREA							
STATION TO STATION		FT	FT	SQ YD	POUND	TON	SQ YD	TON	TON	SQ YD	SQ YD
<i>IL 2</i>											
6+06 - 15+69	START - 2.25" MILL & RESURF.	963	24	2568.0	1,733.4	143.8	33.3		215.7	2568.0	
15+69 - 18+70	TAPER TO NB LT TURN LANE	301	24 - 38	1066.6	720.0	59.7			89.6	1066.6	
18+70 - 25+19	NB LT TURN LANE	649	38	2740.2	1,849.7	153.5			230.2	2740.2	
25+19 - 29+75	NB LT & RT TURN LANES	456	38 - 50	2425.3	1,637.1	135.8			203.7	2425.3	
29+75 - 38+50	VAR. 3-LANE SECTIONS	875	38	5744.3	3,877.4	321.7			482.5	5744.3	
38+50 - 42+37	MEDIAN & SB RT TURN LANE	387	50 - 38	2034.1	1,373.0	113.9			170.9	2034.1	
42+37 - 47+40	NB LT TURN & TAPER	503	38 - 24	1868.6	1,261.3	104.6			157.0	1868.6	
47+40 - 51+00		360	24	960.0	648.0	53.8			80.6	960.0	
51+00 - 61+37		1037	24	2765.3	1,866.6	154.9			232.3	2765.3	
61+37 - 86+02	NB PASSING LANE	2465	24 - 36	9552.4	6,447.9	534.9			802.4	9552.4	
86+02 - 96+12	END - 2.25" MILL & RESURF.	1010	24	2693.3	1,818.0	150.8			226.2	2693.3	
96+12 - 108+12	6" MILL & RESURFACE	1200	24	3200.0	2,880.0	179.2	33.3	672.0	268.8		3200.0
108+12 - 121+15	2.25" MILL & RESURFACE	1303	24	3474.7	2,345.4	194.6	15.6		291.9	3474.7	
BRIDGE (SN 071-0072) PAVING GAP											
123+03 - 147+14	START - 6" MILL & RESURF.	2411	24	6429.3	5,786.4	360.0	15.6	1350.2	540.1		6429.3
147+14 - 172+14	SB PASSING LANE	2501	24 - 36	9668.1	8,701.3	541.4		2030.3	812.1		9668.1
PAGE SUB-TOTALS					42,945	3,203	98	4,052	4,804	37,893	19,297

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (MAINLINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	40
CONTRACT NO. 64K27				
		ILLINOIS	FED. AID PROJECT	



# HOT-MIX ASPHALT SCHEDULE (MAINLINE)

		40600290			40600627		40600990		40603080		40603310		44000158		44000173	
LOCATION	REMARKS	HOT-MIX ASPHALT			BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MM), IL-9.5FG, N50	TEMPORARY RAMP	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	HMA SURFACE REMOVAL, 6"					
		PAVEMENT														
STATION TO STATION		LENGTH	WIDTH	AREA	POUND	TON	SQ YD	TON	TON	SQ YD	SQ YD					
	FT	FT	SQ YD													
172+14 - 183+24		1110	24	2960.0	2,664.0	165.8		621.6	248.6							2960.0
183+24 - 186+04	SB RT TURN LANE	280	36 & Var	1024.8	922.3	57.4		215.2	86.1							1024.8
186+04 - 209+73		2369	24	6317.3	5,685.6	353.8		1326.6	530.7							6317.3
209+73 - 212+53	SB RT TURN LANE	280	36 & Var	956.5	860.9	53.6		200.9	80.3							956.5
212+53 - 253+60	END - 6" MILL & RESURF.	4107	24	10952.0	9,856.8	613.3	33.3	2299.9	920.0							10952.0
253+60 - 255+38	START - 2.25" MILL & RESURF.	178	24	475.9	321.2	26.6	15.6		40.0							475.9
BRIDGE (SN 071-0081) PAVING GAP																
256+41 - 256+63	TAPER TO NB LT TURN LANE	22	24 & Var	61.1	41.3	3.4	15.6		5.1							61.1
256+63 - 270+73	NB & SB LT TURN LANES	1410	38 & Var	5235.1	3,533.7	293.2		439.7	5235.1							
270+73 - 270+90	END - 2.25" MILL & RESURF.	17	24	45.3	30.6	2.5		3.8	45.3							
270+90 - 313+66	START - 6" MILL & RESURF.	4276	24	11402.7	10,262.4	638.5		2394.6	957.8							11402.7
313+66 - 315+85	NB RT TURN LANE	219	36 & Var	766.9	690.2	42.9		161.0	64.4							766.9
315+85 - 345+13		2928	24	7808.0	7,027.2	437.2		1639.7	655.9							7808.0
345+13 - 346+10	TAPER TO NB LT TURN LANE END - 6" MILL & RESURF.	97	24 & Var	292.2	263.0	16.4	33.3	61.4	24.5							292.2
346+10 - 368+14	START - 2.25" MILL & RESURF. VAR. MULTI-LANE SECTIONS	2204	38 & Var	9738.6	6,573.5	545.4			818.0							9738.6
PAGE SUB-TOTALS					48,733	3,250	98	8,921	4,875	15,556	42,480					

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (MAINLINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	41
CONTRACT NO. 64K27				
		ILLINOIS	FED. AID PROJECT	

# HOT-MIX ASPHALT SCHEDULE (MAINLINE)

		40600290			40600627		40600990		40603080		40603310		44000158		44000173		
LOCATION	REMARKS	HOT-MIX ASPHALT			BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MM), IL-9.5FG, N50	TEMPORARY RAMP	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	HMA SURFACE REMOVAL, 6"						
		PAVEMENT															
STATION TO STATION		LENGTH	WIDTH	AREA	POUND	TON	SQ YD	TON	TON	SQ YD	SQ YD						
	FT	FT	SQ YD														
368+14 - 380+90	END - 2.25" MILL & RESURF.	1276	24	3402.7	2,296.8	190.5			285.8	3402.7							
380+90 - 400+15	START - 6" MILL & RESURF.	1925	24	5133.3	4,620.0	287.5	33.3	1078.0	431.2							5133.3	
400+15 - 402+69	NB RT TURN LANE	254	36 & Var	964.6	868.1	54.0		202.6	81.0							964.6	
402+69 - 413+25	END - 6" MILL & RESURF.	1056	24	2817.2	2,535.5	157.8	33.3	591.6	236.6							2817.2	
413+25 - 413+70	START - 2.25" MILL & RESURF.	45	24	120.0	81.0	6.7			10.1	120.0							
413+70 - 420+46	TAPER TO NB LT TURN LANE	676	38 & Var	2656.0	1,792.8	148.7			223.1	2656.0							
420+46 - 437+17	VAR. MULTI-LANE SECTIONS	1671	62 & Var	8601.4	5,806.0	481.7			722.5	8601.4							
437+17 - 445+87	MEDIAN & SB LT TURN LANE	870	38 & Var	3312.6	2,236.0	185.5			278.3	3312.6							
445+87 - 449+33		346	24	921.8	622.2	51.6			77.4	921.8							
449+33 - 452+60	SB RT TURN LANE	327	36 & Var	1124.5	759.0	63.0			94.5	1124.5							
452+60 - 456+52		392	24	1045.1	705.5	58.5	15.6		87.8	1045.1							
BRIDGE (SN 071-0076) PAVING GAP																	
458+31 - 461+74		343	24	914.4	617.2	51.2	31.1		76.8	914.4							
BRIDGE (SN 071-0075) PAVING GAP																	
463+50 - 478+58		1508	24	4022.4	2,715.1	225.3	31.1		337.9	4022.4							
BRIDGE (SN 071-0074) PAVING GAP																	
480+29 - 483+39	END - 2.25" MILL & RESURF.	310	24	826.7	558.0	46.3	15.6		69.4	826.7							
<b>PAGE SUB-TOTALS</b>					<b>26,213</b>	<b>2,008</b>	<b>160</b>	<b>1,872</b>	<b>3,012</b>	<b>26,948</b>	<b>8,915</b>						

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (MAINLINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	42
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HOT-MIX ASPHALT SCHEDULE (MAINLINE)

LOCATION	REMARKS	HOT-MIX ASPHALT			BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MM), IL-9.5FG, N50	TEMPORARY RAMP	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	HMA SURFACE REMOVAL, 6"
		PAVEMENT									
		LENGTH	WIDTH	AREA							
STATION TO STATION		FT	FT	SQ YD	POUND	TON	SQ YD	TON	TON	SQ YD	SQ YD
483+39 - 491+67	START - 6" MILL & RESURF.	828	24	2208.0	1,987.2	123.6	33.3	463.7	185.5		2208.0
491+67 - 494+56	NB RT TURN LANE	289	36 & Var	1044.5	940.0	58.5		219.3	87.7		1044.5
494+56 - 497+82	END - 6" MILL & RESURF.	326	24	869.9	782.9	48.7	33.3	194.0	73.1		869.9
497+82 - 506+19	2.25" OVERLAY	837	24	2232.0	1,506.6	125.0	200.0		187.5		
<b><i>PINES ROAD</i></b>											
577+35 - 584+62	2.25" OVERLAY	727	24	1938.7	1,308.6	108.6	33.3		162.8		
584+62 - 593+83	2.25" OVERLAY	921	24	2456.0	1,657.8	137.5	33.3		206.3		
606+35 - 617+20	2.25" MILL & RESURF.	1085	24	2893.3	1,953.0	162.0	66.7		243.0	2893.3	
<b>PAGE SUB-TOTALS</b>					<b>10,136</b>	<b>764</b>	<b>400</b>	<b>877</b>	<b>1,146</b>	<b>2,893</b>	<b>4,122</b>
<b>TOTALS</b>					<b>128,027</b>	<b>9,225</b>	<b>756</b>	<b>15,723</b>	<b>13,837</b>	<b>83,290</b>	<b>74,815</b>

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>HOT-MIX ASPHALT SCHEDULE (MAINLINE)</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)R5-6	OGLE	135	43
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HOT-MIX ASPHALT SCHEDULE (SHOULDERS)

40600290    40600290    40600990    40603310    44000158    44004250    48203020

LOCATION	REMARKS	HOT-MIX ASPHALT SHOULDER					BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	PAVED SHOULDER REMOVAL	HMA SHOULDERS, 5-3/4"
		LENGTH	NORTHBOUND		SOUTHBOUND								
STATION TO STATION		FT	WIDTH FT	AREA SQ YD	WIDTH FT	AREA SQ YD	POUND	POUND	SQ YD	TON	SQ YD	SQ YD	SQ YD
<i>IL 2</i>													
6+06 - 15+69	START - 2.25" MILL & RESURF.	963	8	856.0	8	856.0		770.4	22.2	239.7	1712.0		
15+69 - 18+70	TAPER TO NB LT TURN LANE	301	8	267.6	8	267.6		240.8		74.9	535.1		
18+70 - 25+19	NB LT TURN LANE	649	8	576.9	8 & VAR.	576.9		519.2		161.5	1153.8		
25+19 - 29+75	NB LT & RT TURN LANES	456	8	405.3	10.5	532.0		421.8		131.2	937.3		
29+75 - 38+50	VAR. 3-LANE SECTIONS	875											
38+50 - 42+37	MEDIAN & SB RT TURN LANE	387											
42+37 47+40	NB LT TURN & TAPER	503											
47+40 - 51+00		360	8	320.0				144.0		44.8	320.0		
51+00 - 61+37		1037	8	921.8	8	921.8		829.6		258.1	1843.6		
61+37 - 86+02	NB PASSING LANE	2465	8	2191.1	8	2191.1		1972.0		613.5	4382.2		
86+02 - 96+12	END - 2.25" MILL & RESURF.	1010	8	897.8	8	897.8		808.0		251.4	1795.6		
96+12 - 108+12	6" MILL & RESURFACE	1200	10.5 & VAR.	1400.0	10.5 & VAR.	1400.0	6300.0	630.0	22.2	392.0		2800.0	2800.0
108+12 - 121+15	2.25" MILL & RESURFACE	1303	8 & VAR.	1158.2	8 & VAR.	1158.2		1042.4	10.4	324.3	2316.4		
BRIDGE (SN 071-0072) PAVING GAP													
123+03 - 147+14	START - 6" MILL & RESURF.	2411	10.5 & VAR.	2812.8	10.5 & VAR.	2812.8	12657.8	1265.8	10.4	787.6		5625.7	5625.7
147+14 - 172+14	SB PASSING LANE	2501	10.5	2917.3	6.5 & VAR.	1805.9	10627.1	1062.7		661.2		4723.2	4723.2
<b>PAGE SUB-TOTALS</b>							<b>29,585</b>	<b>9,707</b>	<b>65</b>	<b>3,940</b>	<b>14,996</b>	<b>13,149</b>	<b>13,149</b>

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (SHOULDERS)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	44
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HOT-MIX ASPHALT SCHEDULE (SHOULDERS)

LOCATION	REMARKS	HOT-MIX ASPHALT SHOULDER					40600290	40600290	40600990	40603310	44000158	44004250	48203020	
		STATION TO STATION	NORTHBOUND			SOUTHBOUND		BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	PAVED SHOULDER REMOVAL	HMA SHOULDERS, 5-3/4"
			LENGTH	WIDTH	AREA	WIDTH	AREA	POUND	POUND	SQ YD	TON	SQ YD	SQ YD	SQ YD
		FT	FT	SQ YD	FT	SQ YD								
172+14 - 183+24		1110	10.5	1295.0	10.5	1295.0	5827.5	582.8		362.6		2590.0	2590.0	
183+24 - 186+04	SB RT TURN LANE	280	10.5	326.7	6.5	202.2	1190.0	119.0		74.0		528.9	528.9	
186+04 - 209+73		2369	10.5	2763.8	10.5	2763.8	12437.3	1243.7		773.9		5527.7	5527.7	
209+73 - 212+53	SB RT TURN LANE	280	4 & VAR.	124.4	10.5	326.7	1015.0	101.5		63.2		451.1	451.1	
212+53 - 253+60	END - 6" MILL & RESURF.	4107	10.5	4791.5	10.5	4791.5	21561.8	2156.2	22.2	1341.6		9583.0	9583.0	
253+60 - 255+38	START - 2.25" MILL & RESURF.	178	8	158.6	8	158.6		142.8	10.4	44.4	317.2			
BRIDGE (SN 071-0081) PAVING GAP														
256+41 - 256+63	TAPER TO NB LT TURN LANE	22	8	19.7	8	19.7		17.8	10.4	5.5	39.5			
256+63 - 270+73	NB & SB LT TURN LANES	1410	8 & VAR.	1252.9	8 & VAR.	1252.9		1127.6		350.8	2505.8			
270+73 - 270+90	END - 2.25" MILL & RESURF.	17	8	15.1	8	15.1		13.6		4.2	30.2			
270+90 - 313+66	START - 6" MILL & RESURF.	4276	6.5 & VAR.	3088.2	6.5 & VAR.	3088.2	13897.0	1389.7		864.7		6176.4	6176.4	
313+66 - 315+85	NB RT TURN LANE	219	6.5 & VAR.	158.2	6.5 & VAR.	158.2	711.8	71.2		44.3		316.3	316.3	
315+85 - 345+13		2928	6.5 & VAR.	2114.7	6.5 & VAR.	2114.7	9516.0	951.6		592.1		4229.3	4229.3	
345+13 - 346+10	TAPER TO NB LT TURN LANE END - 6" MILL & RESURF.	97	10.5 & VAR.	113.2	10.5	113.2	509.3	50.9	22.2	31.7		226.3	226.3	
346+10 - 368+14	START - 2.25" MILL & RESURF. VAR. MULTI-LANE SECTIONS	2204	8 & VAR.	1959.1	8 & VAR.	1959.1		1763.2		548.6	3918.2			
PAGE SUB-TOTALS							66,666	9,731	65	5,102	6,811	29,629	29,629	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (SHOULDERS)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	45
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HOT-MIX ASPHALT SCHEDULE (SHOULDERS)

40600290    40600290    40600990    40603310    44000158    44004250    48203020

LOCATION	REMARKS	HOT-MIX ASPHALT SHOULDER					BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	HMA SURFACE COURSE, MIX "C", N50	HMA SURFACE REMOVAL, 2-1/4"	PAVED SHOULDER REMOVAL	HMA SHOULDERS, 5-3/4"
		LENGTH	NORTHBOUND		SOUTHBOUND								
STATION TO STATION		FT	WIDTH FT	AREA SQ YD	WIDTH FT	AREA SQ YD	POUND	POUND	SQ YD	TON	SQ YD	SQ YD	SQ YD
368+14 - 380+90	END - 2.25" MILL & RESURF.	1276	8 & VAR.	1134.2	8 & VAR.	1134.2		1020.8		317.6	2268.4		
380+90 - 400+15	START - 6" MILL & RESURF.	1925	10.5 & VAR.	2245.8	10.5 & VAR.	2245.8	10106.3	1010.6	22.2	628.8		4491.7	4491.7
400+15 - 402+69	NB RT TURN LANE	254	6.5	183.1	10.5	295.8	1077.5	107.8		67.0		478.9	478.9
402+69 - 413+25	END - 6" MILL & RESURF.	1056	10.5 & VAR.	1232.5	10.5 & VAR.	1232.5	5546.4	554.6	22.2	345.1		2465.1	2465.1
413+25 - 413+70	START - 2.25" MILL & RESURF.	45	8	40.0	8	40.0		36.0		11.2	80.0		
413+70 - 420+46	TAPER TO NB LT TURN LANE	676	8	600.9	8	600.9		540.8		168.2	1201.8		
420+46 - 437+17	VAR. MULTI-LANE SECTIONS	1671	8 & VAR.	1485.5	8 & VAR.	1485.5		1336.9		415.9	2970.9		
437+17 - 445+87	MEDIAN & SB LT TURN LANE	870	8	773.5	8	773.5		696.1		216.6	1547.0		
445+87 - 449+33		346	8	307.3	8	307.3		276.6		86.0	614.6		
449+33 - 452+60	SB RT TURN LANE	327	8	290.7	4 & VAR.	145.4		196.2		61.1	436.1		
452+60 - 456+52		392	8	348.4	8	348.4		313.5	10.4	97.5	696.7		
BRIDGE (SN 071-0076) PAVING GAP													
458+31 - 461+74		343	8	304.8	8	304.8		274.3	20.7	85.3	609.6		
BRIDGE (SN 071-0075) PAVING GAP													
463+50 - 478+58		1508	8	1340.8	8	1340.8		1206.7	20.7	375.4	2681.6		
BRIDGE (SN 071-0074) PAVING GAP													
480+29 - 483+39	END - 2.25" MILL & RESURF.	310	8	275.6	8	275.6		248.0	10.4	77.2	551.1		
<b>PAGE SUB-TOTALS</b>							<b>16,730</b>	<b>7,819</b>	<b>107</b>	<b>2,953</b>	<b>13,658</b>	<b>7,436</b>	<b>7,436</b>

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (SHOULDERS)**

SCALE:    SHEET    OF    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	46
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				



# HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)

LOCATION			REMARKS	BACK O/S TO C/L DISTANCE	SURFACE AREA	40600275	40600290	40800050	44000158
						BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA SURFACE REMOVAL , 2-1/4"
STATION	LT/RT	TYPE		FT	SQ YD	POUND	POUND	TON	SQ YD
22+84	LT	SR	CANAL STREET	91.5	338.8		152.5	47.4	338.8
29+32	LT	SR	ILLINOIS STREET	77.0	317.0		142.7	44.4	317.0
34+20	LT	SR	ROCK STREET	102.0	296.8		133.6	41.6	296.8
38+91	LT	SR	BROAD STREET	92.0	510.6		229.8	71.5	510.6
43+64	LT	SR	OGLE STREET	108.0	316.2		142.3	44.3	316.2
51+18	LT	PE		43.1	36.3		16.3	5.1	
52+58	LT	PE		47.9	136.9		61.6	19.2	
53+57	LT	PE		53.1	74.9		33.7	10.5	
59+45	LT	PE		60.0	67.2		30.2	9.4	
66+87	RT	CE		86.5	117.9		53.1	16.5	
84+40	LT	PE	EX. AGGREGATE	54.4	77.2	173.6		10.8	
87+60	RT	PE		57.8	87.2		39.2	12.2	
88+31	RT	PE		54.8	62.4		28.1	8.7	
96+74	RT	PE		49.2	55.2		24.8	7.7	
104+61	RT	PE		43.2	48.9		22.0	6.8	
<b>PAGE SUB-TOTALS</b>						<b>174</b>	<b>1,110</b>	<b>356</b>	<b>1,780</b>

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USER NAME = batesrl	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HOT-MIX ASPHALT SCHEDULE (ENTRANCES &amp; SIDE ROADS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			742	(38,39)RS-6	OGLE	135	48	
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 64K27					
PLOT DATE = Oct-11-2017 09:10:44 AM	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT										



# HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)

LOCATION			REMARKS	BACK O/S TO C/L DISTANCE	SURFACE AREA	40600275	40800029	40800050	44000158
STATION	LT/RT	TYPE				BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA SURFACE REMOVAL , 2 - 1/4"
						POUND	POUND	TON	SQ YD
125+25	LT	PE		40.9	49.1		22.1	6.9	
132+96	LT	PE		39.3	78.5		35.3	11.0	
142+13	RT	PE		49.6	48.7		21.9	6.8	
163+27	RT	PE		39.9	42.4		19.1	5.9	
165+12	RT	PE		39.9	53.6		24.1	7.5	
165+12	LT	MB	MAILBOX TURNOUT ONLY	30.0	11.1		5.0	1.6	
167+35	LT	PE		60.4	65.8		29.6	9.2	
169+35	RT	PE		34.4	34.5		15.5	4.8	
174+50	RT	PE		31.9	37.1		16.7	5.2	
182+57	LT	SR	PENN CORNER ROAD	75.1	317.6		142.9	44.5	317.6
187+57	LT	PE		55.4	103.5		46.6	14.5	
201+73	LT	PE		40.3	46.6		21.0	6.5	
203+27	LT	PE		32.9	39.5		17.8	5.5	
206+00	RT	PE		55.1	72.1		32.5	10.1	
209+11	LT	PE		62.2	75.2		33.9	10.5	
PAGE SUB-TOTALS						0	484	151	318

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	49
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)

LOCATION			REMARKS	BACK O/S TO C/L DISTANCE	SURFACE AREA	40600275	40800029	40800050	44000158
						BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA SURFACE REMOVAL , 2- 1/4"
STATION	LT/RT	TYPE		FT	SQ YD	POUND	POUND	TON	SQ YD
209+37	RT	PE		55.0	71.7		32.3	10.0	
210+79	LT	PE		56.4	68.6		30.9	9.6	
212+96	RT	SR	HIDDEN HEIGHTS ROAD	49.0	179.2		80.7	25.1	179.2
221+67	RT	PE	EX. AGGREGATE	55.0	94.7	213.1		13.3	
229+11	RT	PE		50.0	184.6		83.1	25.8	
231+10	RT	PE		49.9	69.3		31.2	9.7	
235+80	RT	PE		49.8	52.7		23.7	7.4	
236+61	RT	PE		48.9	54.1		24.4	7.6	
237+78	RT	PE		48.2	51.8		23.3	7.2	
239+14	RT	PE		50.0	53.2		24.0	7.5	
248+55	LT	CE		32.9	41.2		18.5	5.8	
254+15	RT	PE		56.7	82.7		37.2	11.6	
263+59	RT	CE		33.0	131.8		59.3	18.5	
263+68	LT	CE		33.0	118.4		53.3	16.6	
315+85	RT	CE		46.0	168.8		76.0	23.6	
<b>PAGE SUB-TOTALS</b>						<b>213</b>	<b>598</b>	<b>199</b>	<b>179</b>

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	50
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)

LOCATION			REMARKS	BACK O/S TO C/L DISTANCE	SURFACE AREA	40600275	40800029	40800050	44000158
						BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA SURFACE REMOVAL, 2-1/4"
STATION	LT/RT	TYPE		FT	SQ YD	POUND	POUND	TON	SQ YD
354+81	LT	CE		78.3	438.0		197.1	61.3	
358+45	RT	CE		33.2	176.2		79.3	24.7	
385+37	LT	PE		50.0	66.0		29.7	9.2	
397+24	LT	CE		61.2	223.9		100.8	31.3	
401+74	RT	PE		45.0	47.5		21.4	6.7	
402+57	RT	PE		45.0	50.0		22.5	7.0	
403+28	RT	SR	BROOKS ISLAND ROAD	82.8	355.4		159.9	49.8	355.4
405+21	LT	PE		32.6	32.7		14.7	4.6	
415+56	LT	PE		33.2	100.7		45.3	14.1	
420+43	LT	CE	WOODS MANUFACTURING	78.3	443.5		199.6	62.1	
422+74	RT	PE		64.2	91.4		41.1	12.8	
424+74	RT	SR	SNYDER ROAD	62.6	335.3		150.9	46.9	335.3
424+77	LT	CE		51.3	159.9		72.0	22.4	
431+85	LT	CE		75.2	469.2		211.1	65.7	
434+04	LT	CE		98.2	310.9		139.9	43.5	
436+02	LT	PE		96.8	161.9		72.9	22.7	
PAGE SUB-TOTALS						0	1,558	485	691

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# HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)

LOCATION			REMARKS	BACK O/S TO C/L DISTANCE	SURFACE AREA	40600275	40800029	40800050	44000158
						BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HMA SURFACE REMOVAL , 2- 1/4"
STATION	LT/RT	TYPE		FT	SQ YD	POUND	POUND	TON	SQ YD
439+21	RT	SR	SNYDER ROAD	55.9	253.2		113.9	35.4	253.2
440+27	LT	CE		134.6	430.3		193.6	60.2	
443+07	LT	CE		74.8	182.6		82.2	25.6	
448+79	LT	SR	DEVILS BACKBONE ROAD	72.3	282.8		127.3	39.6	282.8
449+95	RT	PE		47.6	59.3		26.7	8.3	
459+25	RT	PE		55.0	116.7		52.5	16.3	
461+64	RT	PE		55.5	49.4		22.2	6.9	
467+24	RT	PE		55.0	79.2		35.6	11.1	
469+96	LT	CE		55.1	121.2		54.5	17.0	
475+43	RT	CE		65.0	154.7		69.6	21.7	
486+70	LT	CE		60.8	163.0		73.4	22.8	
495+02	RT	SR	COUNTY FARM ROAD	73.7	325.1		146.3	45.5	325.1
PAGE SUB-TOTALS						0	998	310	861
TOTALS						387	4,748	1,501	3,828

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT-MIX ASPHALT SCHEDULE (ENTRANCES & SIDE ROADS)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

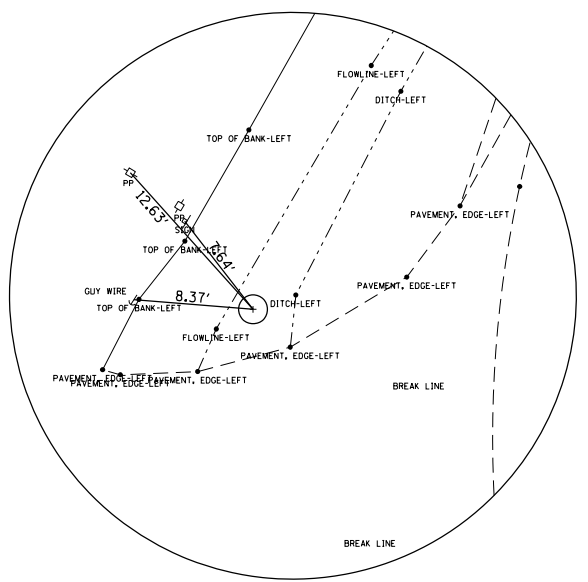
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742	(38,39)RS-6	OGLE	135	52
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

# HORIZONTAL & VERTICAL CONTROL

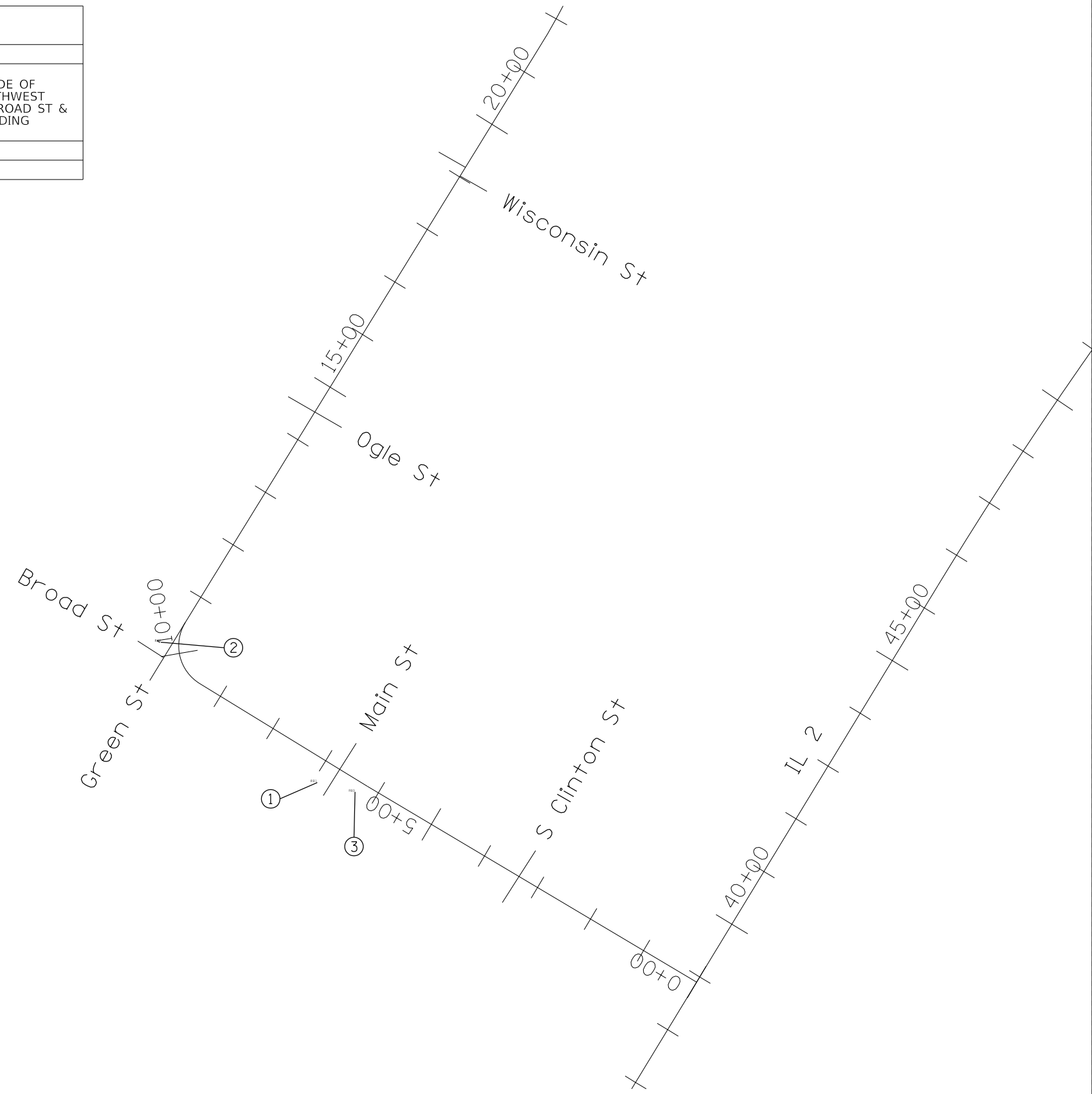
HORIZONTAL CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1906699.360	2501471.973	671.130	BL_RIDGE	6+93.44	37.5434 LT	SET CHISELED SQUARE ON EAST SIDE OF CONCRETE BOLLARD POST AT SOUTHWEST QUADRANT OF INTERSECTION OF BROAD ST & MAIN ST EAST OF TOWN HALL BUILDING
2	1906926.728	2501219.505	671.640	BL_RIDGE	10+16.50	28.6039 LT	SET IRON ROD
3	1906683.812	2501533.672	670.577	BL_RIDGE	6+32.70	18.5854 LT	SET IRON ROD

Curve Data  
-----

Curve CL200  
 P.I. Station = 10+10.9499 N      1,906,897.1765 E      2,501,220.7912  
 Delta = 90° 07' 54.9721" (RT)  
 Degree = 79° 33' 31.7763"  
 Tangent = 72.1829  
 Length = 113.2897  
 Radius = 72.0169  
 External = 29.9478  
 Long Chord = 101.9644  
 Mid. Ord. = 21.1519  
 P.C. Station = 9+38.7670 N      1,906,859.4842 E      2,501,282.3514  
 P.T. Station = 10+52.0566 N      1,906,958.6497 E      2,501,258.6252  
 C.C. = N      1,906,920.9028 E      2,501,319.9570  
 Back = 301° 28' 42.5288"  
 Ahead = 31° 36' 37.5010"  
 Chord Bear = 346° 32' 40.0149"



HORIZONTAL CONTROL POINT NO. 2



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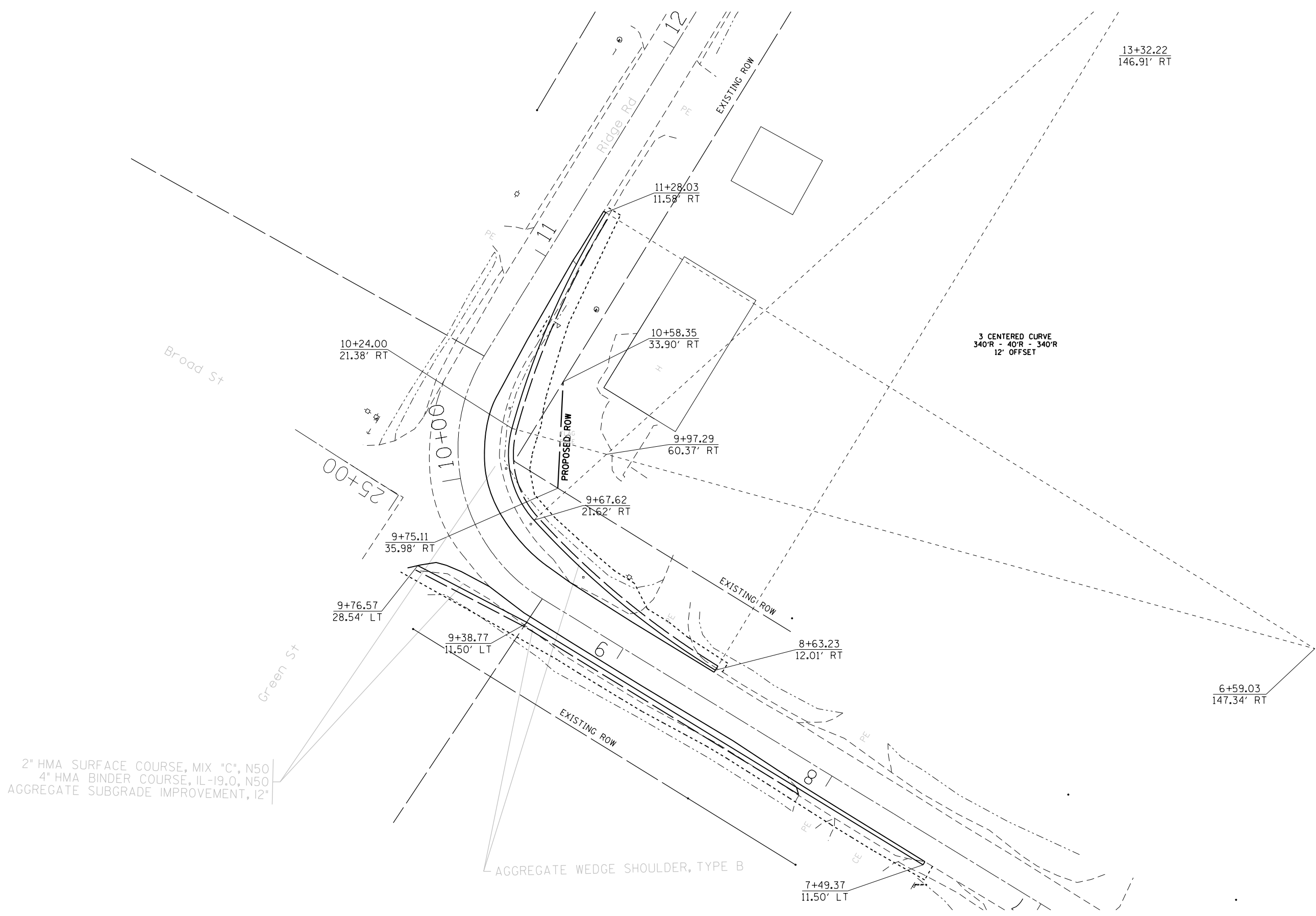
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HORIZONTAL & VERTICAL CONTROL**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

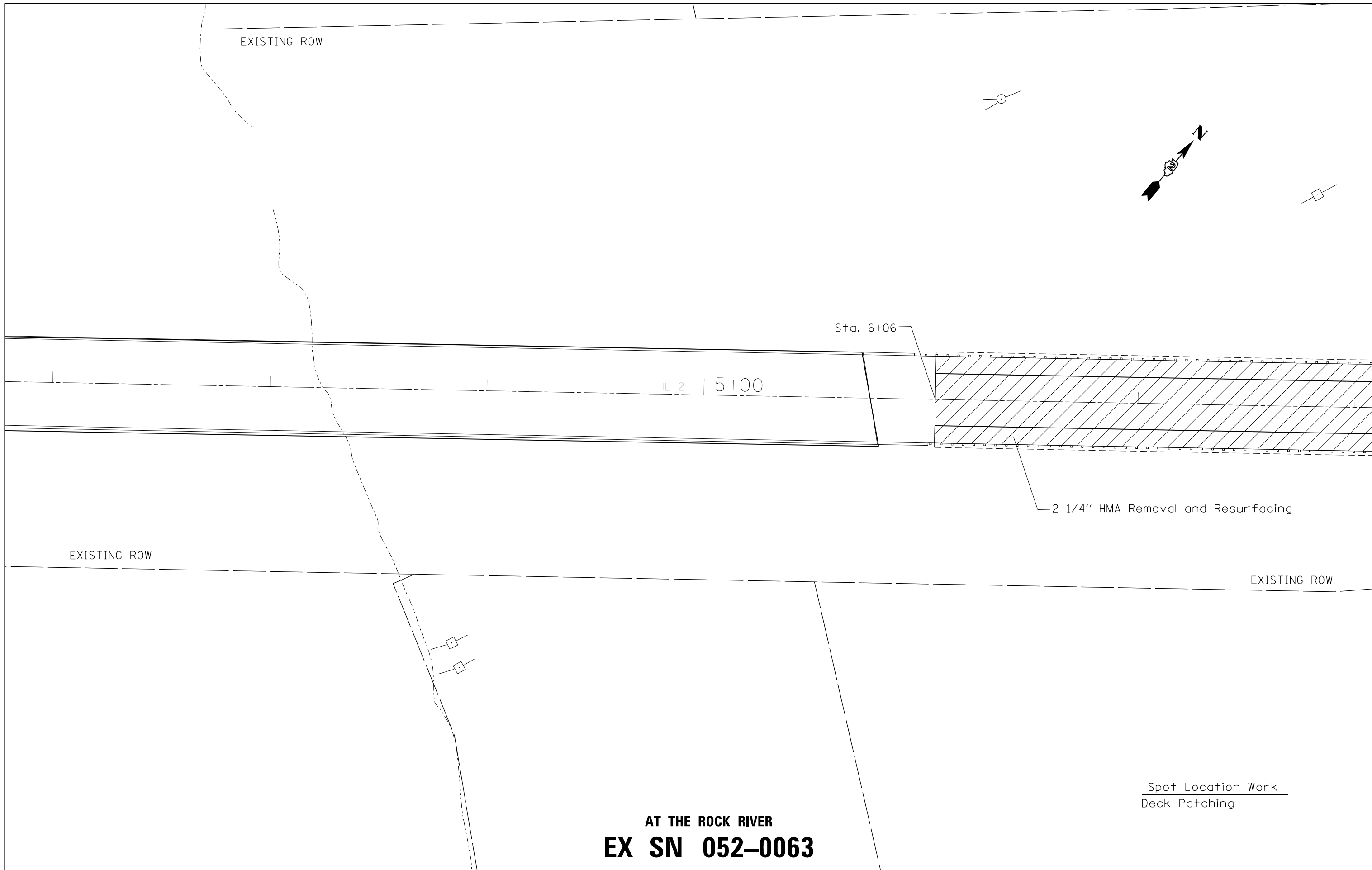
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	53
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				



2" HMA SURFACE COURSE, MIX "C", N50  
 4" HMA BINDER COURSE, IL-19.0, N50  
 AGGREGATE SUBGRADE IMPROVEMENT, 12"

AGGREGATE WEDGE SHOULDER, TYPE B

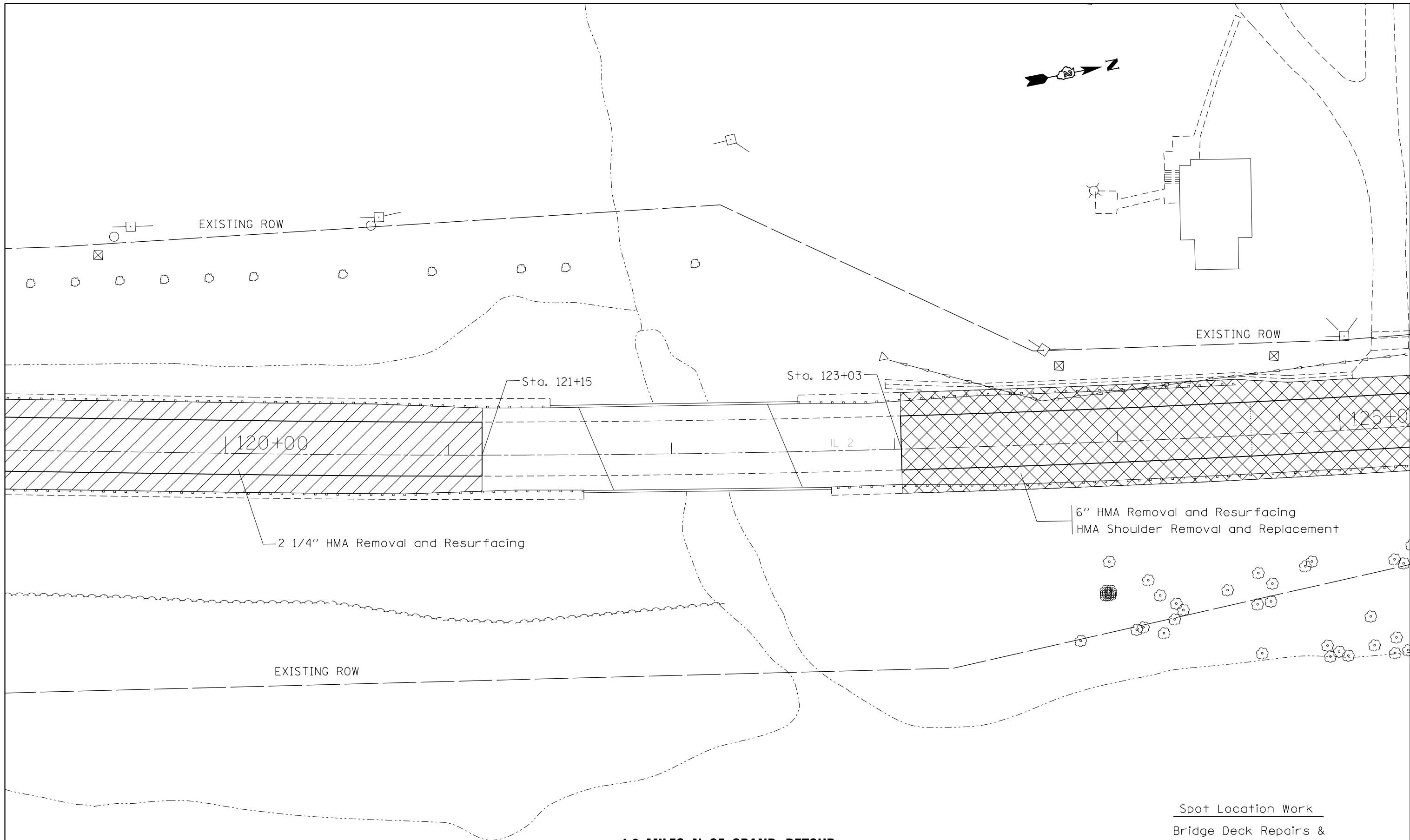
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	PLOT DATE = Oct-11-2017 09:18:27 AM	DATE -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



**AT THE ROCK RIVER  
EX SN 052-0063**

Spot Location Work  
Deck Patching

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	PLOT DATE = Oct-11-2017 09:18:47 AM					ILLINOIS FED. AID PROJECT					



**1.6 MILES N. OF GRAND DETOUR  
EX SN 071-0072**

W.E. 654.6

Spot Location Work  
Bridge Deck Repairs &  
Expansion Joint Replacement

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -
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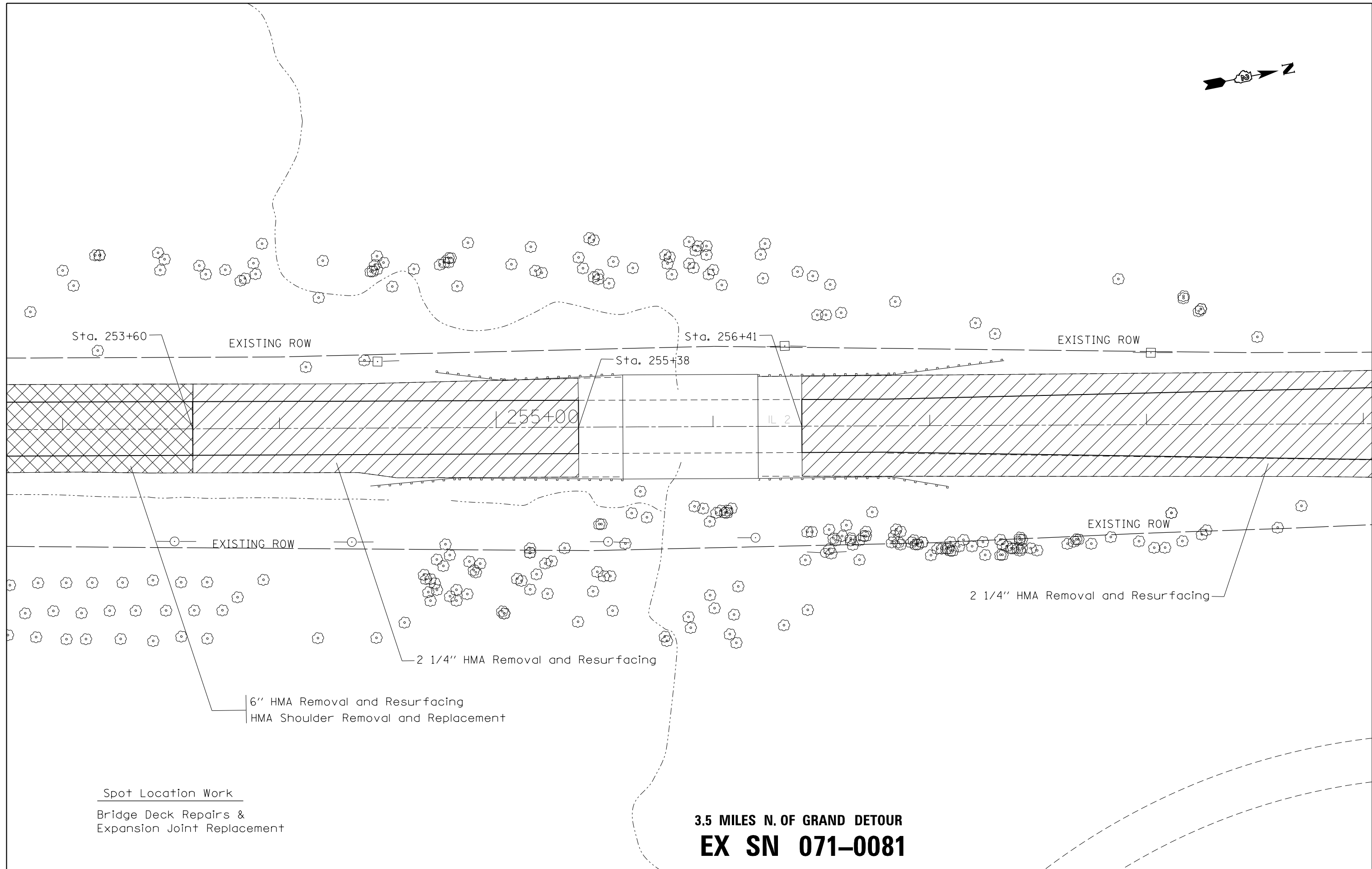
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
EX SN 071-0072**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39) RS-6	OGLE	135	56
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	





Spot Location Work  
 Bridge Deck Repairs &  
 Expansion Joint Replacement

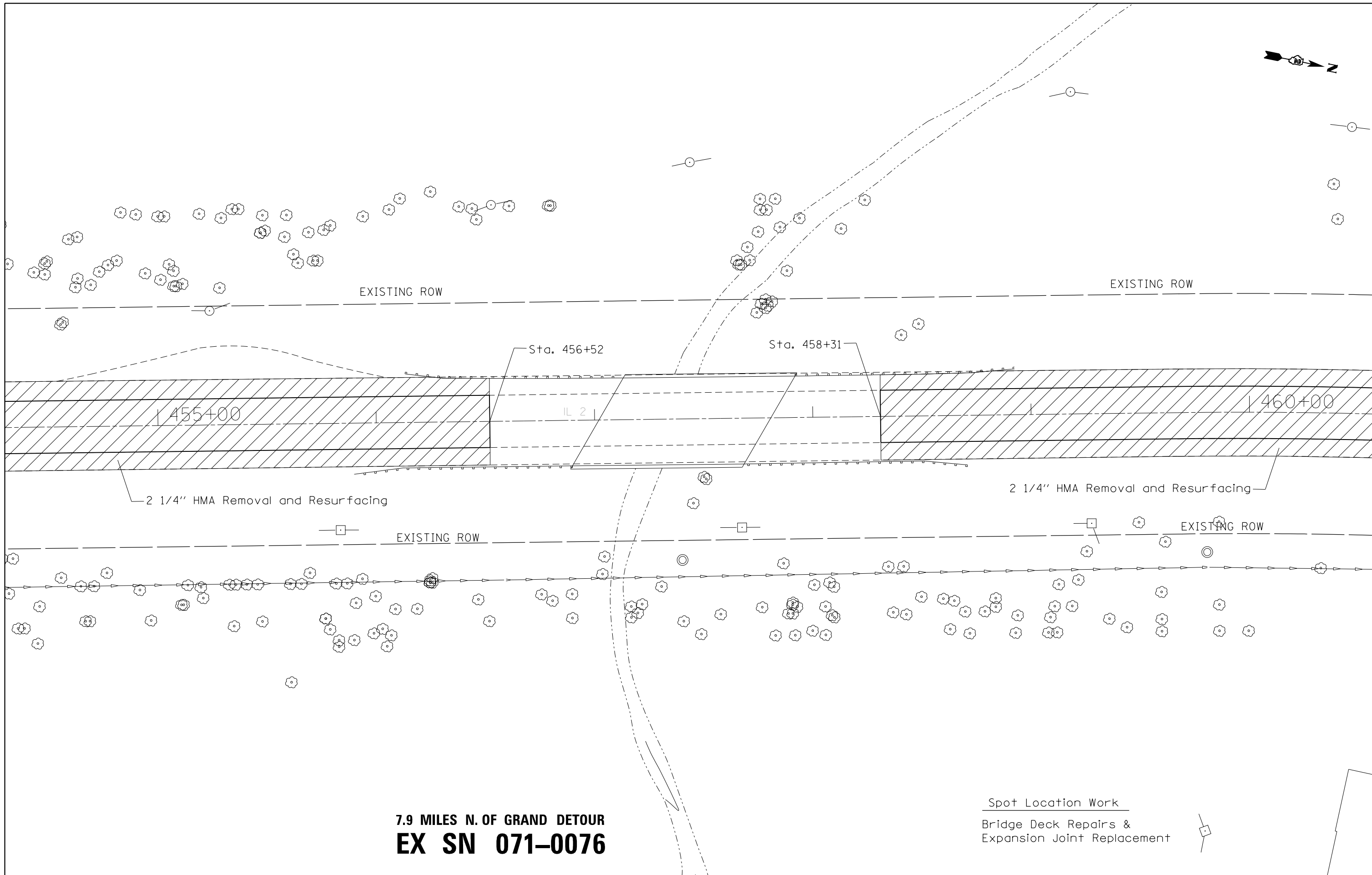
**3.5 MILES N. OF GRAND DETOUR**  
**EX SN 071-0081**

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
<b>EX SN 071-0081</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39) RS-6	OGLE	135	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	



**7.9 MILES N. OF GRAND DETOUR  
EX SN 071-0076**

Spot Location Work  
Bridge Deck Repairs &  
Expansion Joint Replacement

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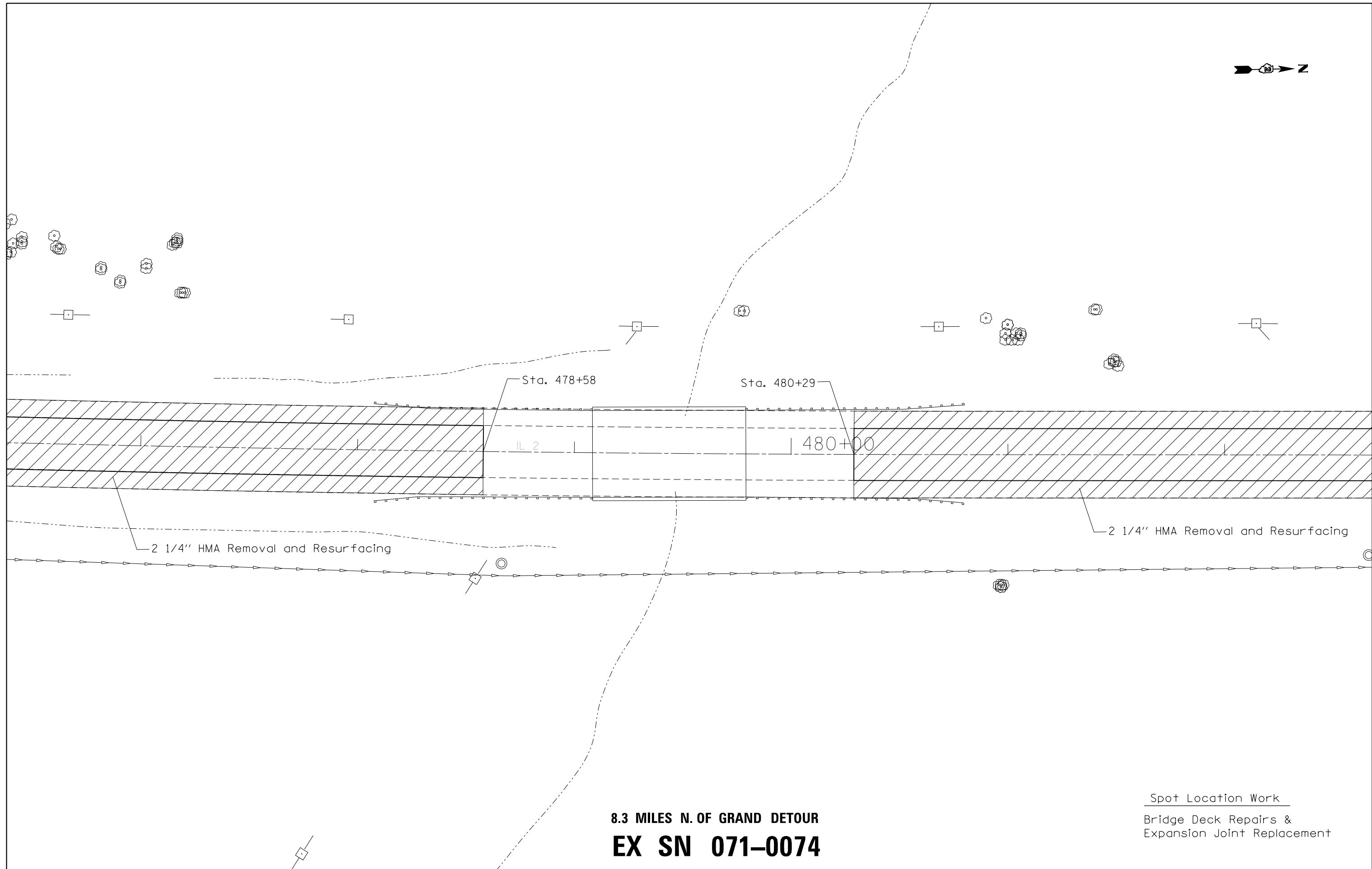
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
EX SN 071-0076**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39) RS-6	OGLE	135	58
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	





**8.3 MILES N. OF GRAND DETOUR  
EX SN 071-0074**

Spot Location Work  
Bridge Deck Repairs &  
Expansion Joint Replacement

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET EX SN 071-0074</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64K27				
	PLOT DATE = Oct-11-2017 09:19:55 AM				ILLINOIS FED. AID PROJECT								

				CONSTRUCTION CODE	
CODE NAME	ITEM	UNIT	TOTAL QUANTITY	BRI DGE	ROADWAY
				0014	0004
				052-0063	URBAN
59000200	EPOXY CRACK INJECTION	FOOT	67	67	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2		2
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	4		4
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,235		11,235
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,232		1,232
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,600		1,600
70500630	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 3	EACH	2		2
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDUCTIVE), TEST LEVEL 3	EACH	2		2
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDUCTIVE), TEST LEVEL 3	EACH	4		4
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,188		7,188
X0327980	PAVEMENT MARKING REMOVAL	FOOT	7,188		7,188
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	450	450	

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	CHECKED - JCE	REVISED
PLOT SCALE =	DRAWN - MJL	REVISED
PLOT DATE = 10/11/2017	CHECKED - JCE	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
STRUCTURE NO. 052-0063**

SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	38,39RS-6	LEE/OGLE	135	61
			CONTRACT NO. 64K27	
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION STAGING GENERAL NOTES**

1. ALL SIGNING MUST BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE IDOT BUREAU OF DESIGN AND ENVIRONMENT HIGHWAY STANDARDS AND THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
2. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR MUST BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THIS CONSTRUCTION IS IN EFFECT.
4. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE CONSTRUCTION IS IN EFFECT MUST BE COMPLETELY COVERED BY THE CONTRACTOR.
5. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS MUST BE AS REQUIRED BY THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
6. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED MUST MEET THE REQUIREMENTS FOR TYPE A - LOW INTENSITY FLASHING LIGHTS IN ARTICLE 702.04 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION MUST BE USED.
7. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL DRIVEWAYS DURING CONSTRUCTION.
8. SIDEWALK ACCESS MUST BE MAINTAINED ON AT LEAST ONE SIDE OF THE STREET AT ALL TIMES. CLOSED SIDEWALKS MUST BE APPROPRIATELY BARRICADED. USE STANDARD 701801-06.
9. THE "SIDEWALK CLOSED / USE OTHER SIDE" SIGN MUST BE PLACED AT THE NEAREST CROSSWALK OR INTERSECTION TO EACH END OF THE CLOSURE. WHEN THE CLOSURE OCCURS AT A CORNER, THE SIGNS MUST BE ERECTED ON THE CORNER ACROSS THE STREET FROM THE CLOSURE. THE "SIDEWALK CLOSED" SIGNS MUST BE USED AT THE ENDS OF THE ACTUAL CLOSURES.
10. ALL WALKWAYS MUST BE CLEARLY IDENTIFIED AND ADEQUATELY PROTECTED FROM MOTOR VEHICLE TRAFFIC AND FREE OF ANY OBSTRUCTIONS AND HAZARDS SUCH AS HOLES, DEBRIS, MUD, CONSTRUCTION EQUIPMENT, STORED MATERIALS, ETC.
11. ALL HAZARDS, DITCHES, TRENCHES, EXCAVATIONS, ETC. NEAR OR ADJACENT TO WALKWAYS MUST BE CLEARLY DELINEATED AND ADEQUATELY PROTECTED.
12. WHERE A HANDICAPPED PEDESTRIAN RAMP IS RESTRICTED DUE TO CLOSURE, TEMPORARY RAMPS SHALL BE PROVIDED.
13. PROPOSED MAINTENANCE OF TRAFFIC SIGNING MUST BE COVERED OR REMOVED WHEN NOT REQUIRED DURING A SPECIFIC STAGE OF CONSTRUCTION.
14. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLAN FOR ADDITIONAL SIGNING.
15. CHANGEABLE MESSAGE SIGNS TO BE PROVIDED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
16. THE CONTRACTOR MUST CONDUCT HIS WORK IN SUCH A MANNER THAT EMERGENCY VEHICLES WILL HAVE ACCESS TO THE AREA AT ALL TIMES.
17. THE CONTRACTOR MUST NOTIFY THE IDOT BUREAU OF TRAFFIC AS REQUIRED 72 HOURS IN ADVANCE OF BEGINNING WORK (815) 284-5474.
18. CONTRACTOR TO BE IN ACCORDANCE WITH IDOT STANDARDS 701306-03, 701311-03, 701316-11, 701321-16, 701901-06, AND 780001-05.

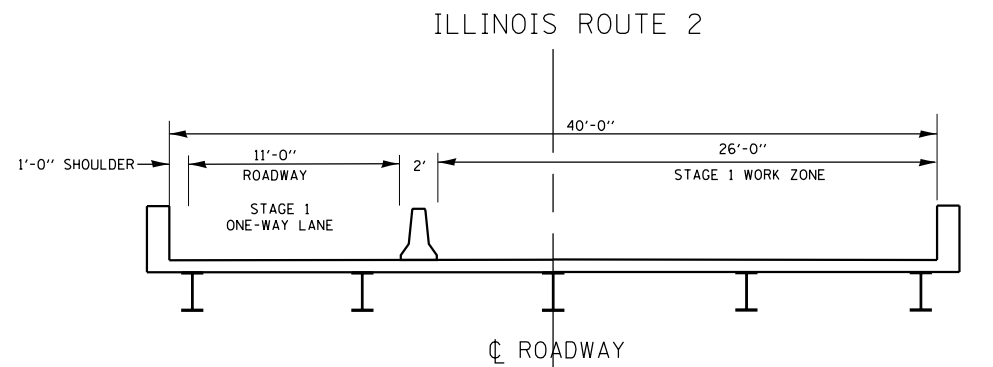
**MAINTENANCE OF TRAFFIC - SUMMARY OF QUANTITIES**

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	4
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,235
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,232
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,600
70500630	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 3	EACH	2
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,188
X0327980	PAVEMENT MARKING REMOVAL	FOOT	7,188



0520063-64K27-Sheet2.dgn

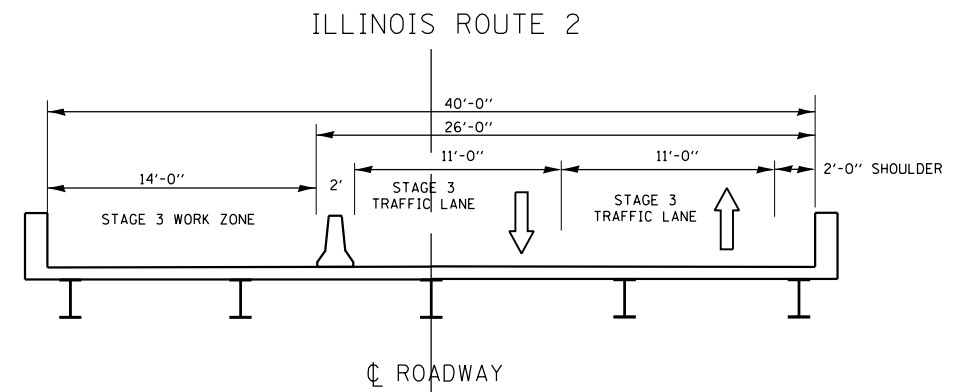
 DB STERLIN CONSULTANTS, INC. 120 N. WABLER DRIVE SUITE 2000 CHICAGO, ILLINOIS 60606 TEL. (312)857-1000 FAX. (312)857-1056	USER NAME = hogensonjd	DESIGNED - MTM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLAN GENERAL NOTES AND SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - MH	REVISED -			742	(38,39)RS-6	LEE/OGLE	135	62
PLOT DATE = 10/11/2017	DATE - 09/08/2017	REVISED -		SHEET NO. 2 OF 14 SHEETS		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 64K27				



STRUCTURE NO. 052-0063 OVER ROCK RIVER (LOOKING UPSTATION)

STAGE 1 DIAGRAM

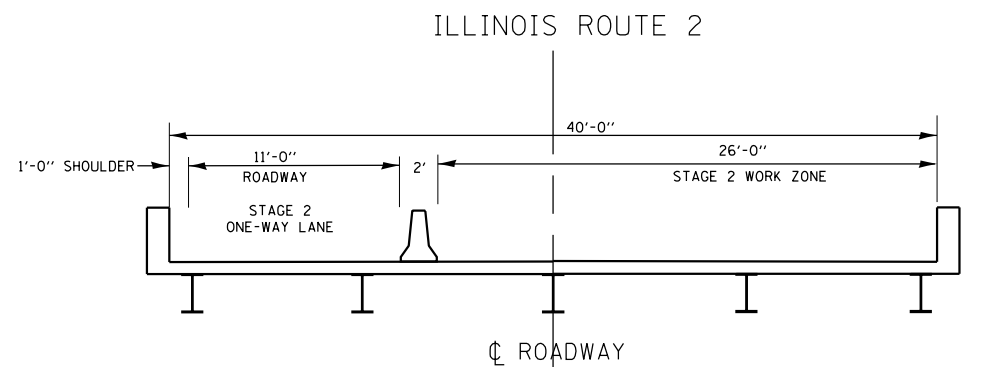
STA. 1223+80 TO STA. 1230+00



STRUCTURE NO. 052-0063 OVER ROCK RIVER (LOOKING UPSTATION)

STAGE 3 DIAGRAM

STA. 1223+80 TO STA. 1234+12



STRUCTURE NO. 052-0063 OVER ROCK RIVER (LOOKING UPSTATION)

STAGE 2 DIAGRAM

STA. 1229+85 TO STA. 1234+56

0520063-64K27-Sheet3.dgn



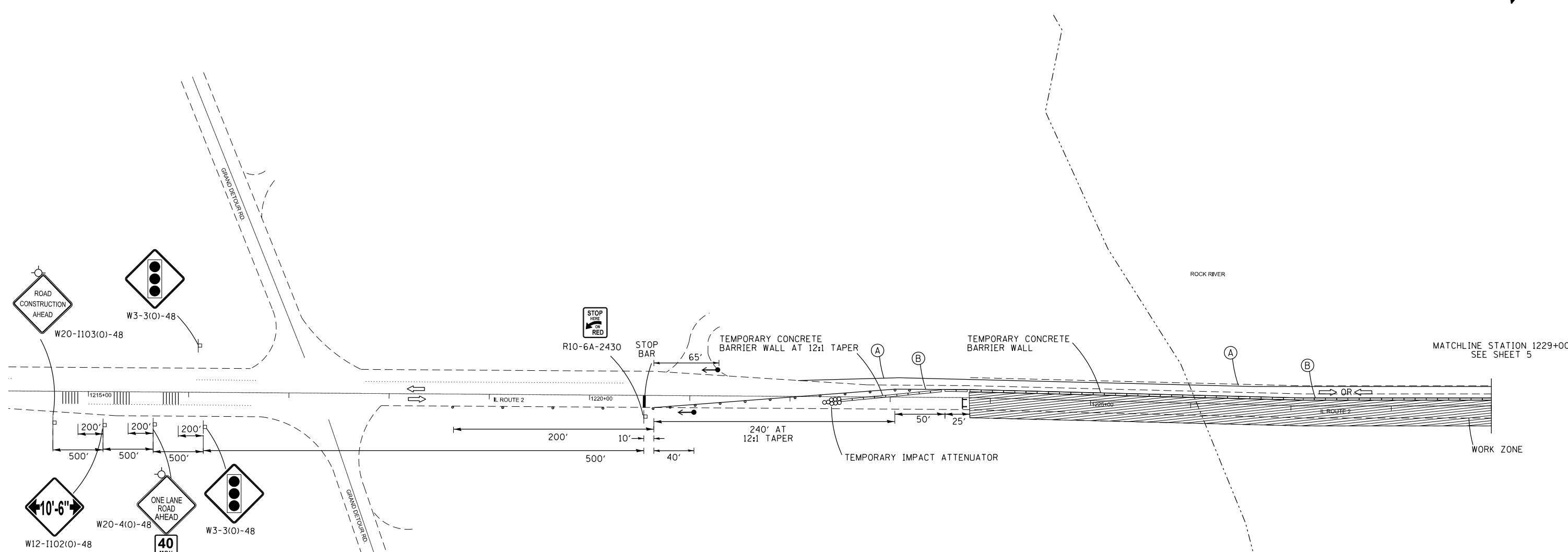
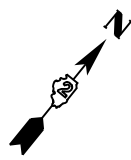
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	DRAWN - DPW	REVISED -
PLOT SCALE =	CHECKED - MH	REVISED -
PLOT DATE = 10/11/2017	DATE - 09/08/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGES 1, 2 AND 3 TYPICAL SECTIONS**

SHEET NO. 3 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	63
CONTRACT NO. 64K27				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

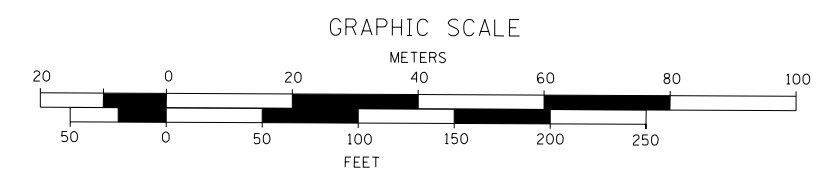


TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH ILLINOIS TRAFFIC CONTROL STANDARD 701321-16.

REFERENCE ILLINOIS DOT STANDARD 701321-16 AND ILLINOIS DOT STANDARD SPECIFICATIONS FOR DETAILS REGARDING DETECTOR LOOPS.

- LEGEND**
- WORK ZONE
  - CONCRETE BARRIER
  - EXISTING PAVEMENT MARKING
  - PROPOSED PAVEMENT MARKING
  - DRUM OR TYPE I BARRICADE W/ FLASHING AMBER LIGHT @ 25' C-C (20' C-C IN TAPERS)
  - DIRECTION INDICATOR BARRICADE
  - TYPE III BARRICADE
  - ARROW BOARD
  - IMPACT ATTENUATOR TEST LEVEL 3
  - IMPACT ATTENUATOR TEST LEVEL 3, NARROW
  - TRAFFIC DIRECTION
  - 4" WHITE LINE
  - 4" YELLOW LINE
  - TEMPORARY TRAFFIC SIGN
  - DOUBLE YELLOW CENTERLINE W/ DRUM OR TUBULAR MARKER
  - TRAFFIC SIGNAL
  - TEMPORARY RUMBLE STRIP

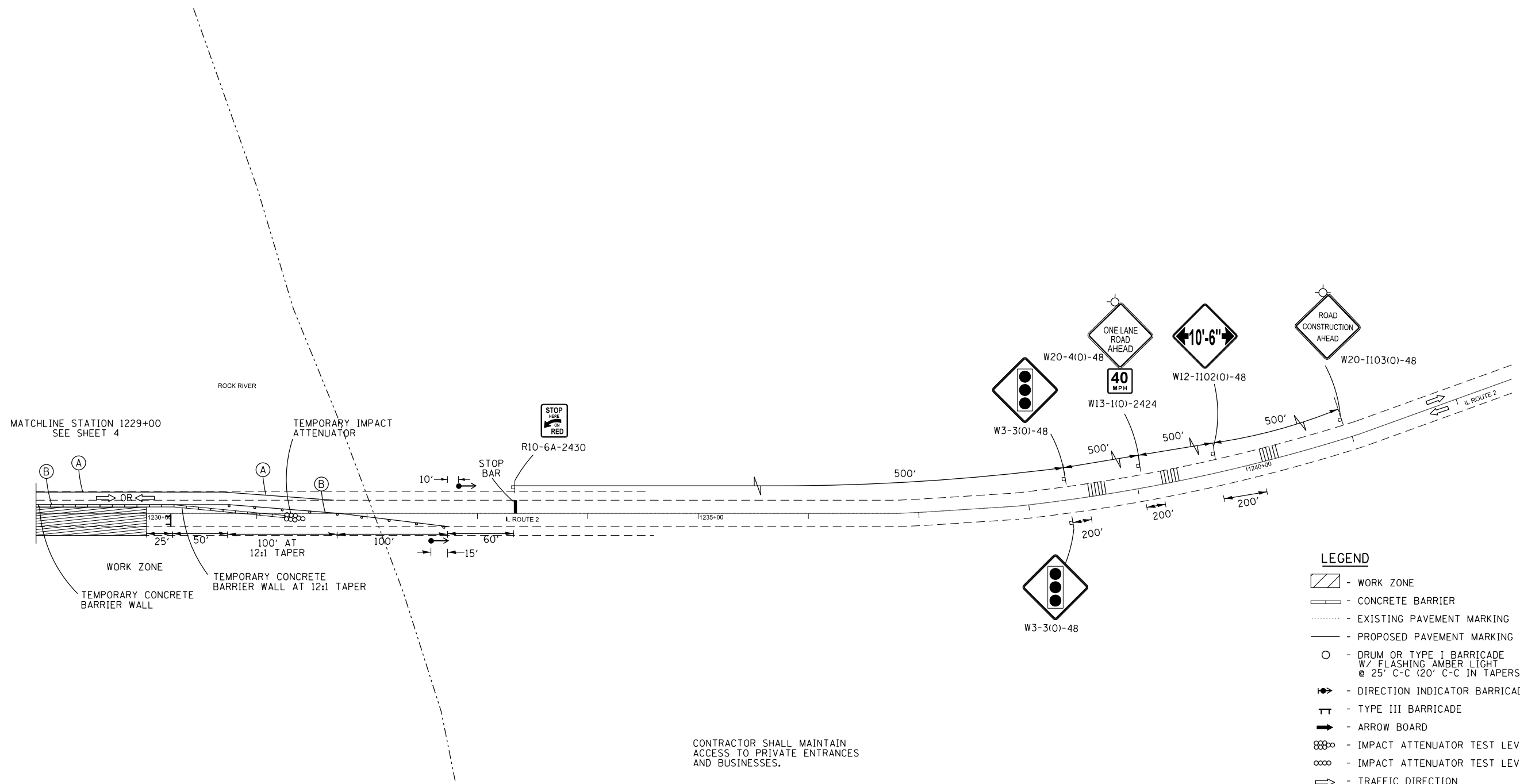
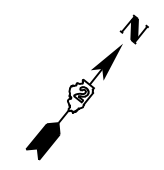
CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND BUSINESSES.



0520063-64K27-Sheet4.dgn

	USER NAME = hogensonjd PLOT SCALE = PLOT DATE = 10/11/2017	DESIGNED - MTM DRAWN - DPW CHECKED - MH DATE - 09/08/2017	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC PLAN STAGE 1 TRAFFIC CONTROL PLAN</b>	F.A.P. RTE. 742 SECTION (38,39)RS-6 COUNTY LEE/OGLE TOTAL SHEETS 135 SHEET NO. 64 CONTRACT NO. 64K27
					SHEET NO. 4 OF 14 SHEETS	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



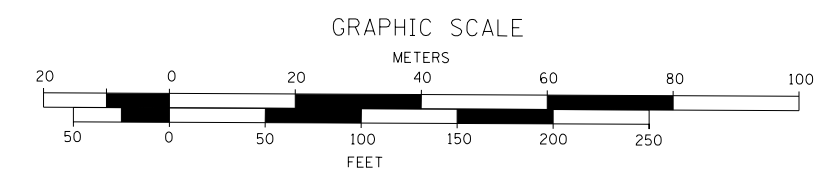


- LEGEND**
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  - IMPACT ATTENUATOR TEST LEVEL 3
  - IMPACT ATTENUATOR TEST LEVEL 3, NARROW
  - TRAFFIC DIRECTION
  - 4" WHITE LINE
  - 4" YELLOW LINE
  - TEMPORARY TRAFFIC SIGN
  - DOUBLE YELLOW CENTERLINE W/ DRUM OR TUBULAR MARKER
  - TRAFFIC SIGNAL
  - TEMPORARY RUMBLE STRIP

CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND BUSINESSES.

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH ILLINOIS TRAFFIC CONTROL STANDARD 701321-16.

REFERENCE ILLINOIS DOT STANDARD 701321-16 AND ILLINOIS DOT STANDARD SPECIFICATIONS FOR DETAILS REGARDING DETECTOR LOOPS.



0520063-64K27-Sheet5.dgn

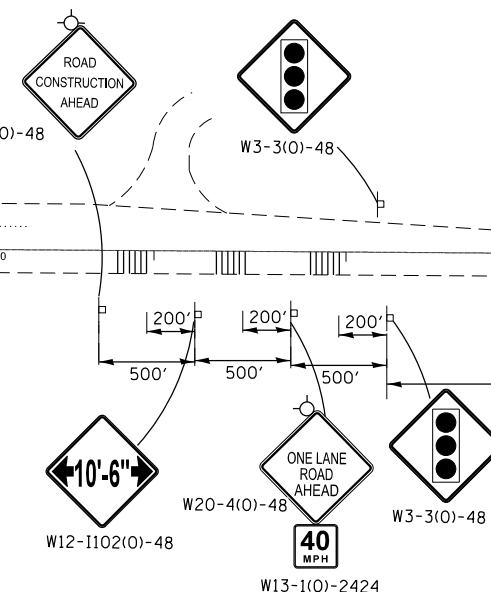
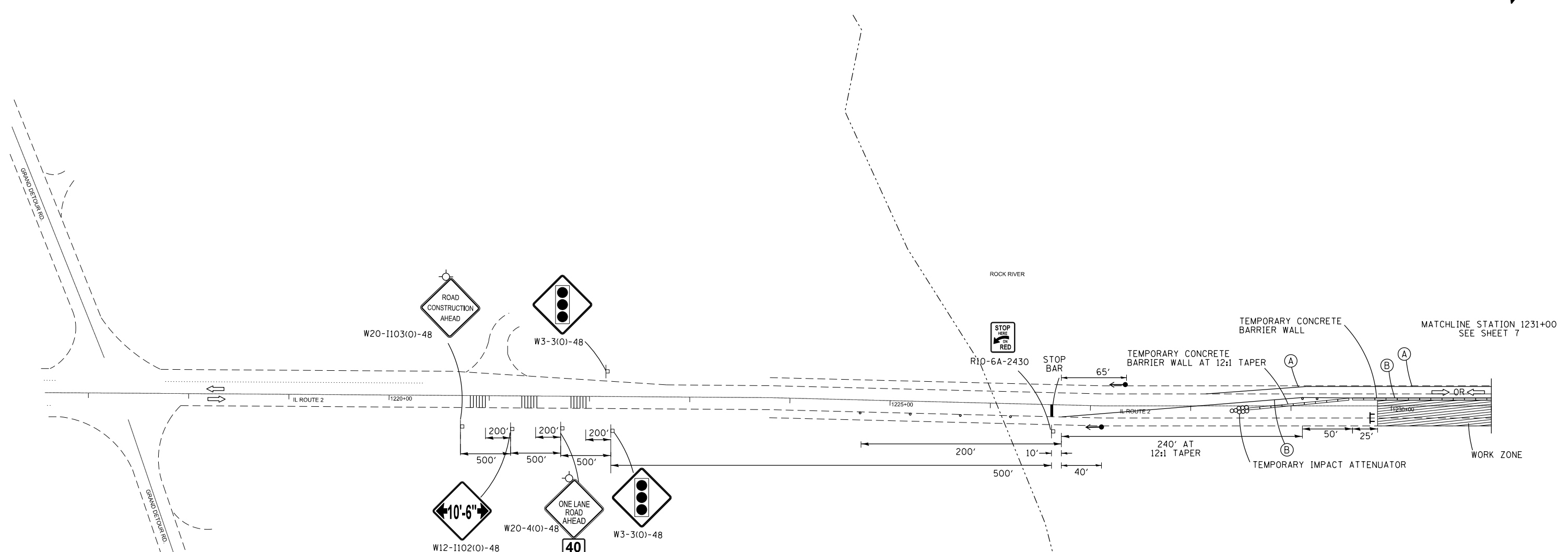
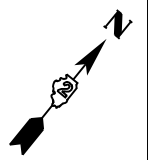
DBS DB STERLIN CONSULTANTS, INC. 120 N. WACKER DRIVE SUITE 2000 CHICAGO, ILLINOIS 60606 TEL. (312)857-1000 FAX. (312)857-1056	USER NAME = hogensonjd	DESIGNED - MTM	REVISED -
	PLOT SCALE =	DRAWN - DPW	REVISED -
	PLOT DATE = 10/11/2017	CHECKED - MH	REVISED -
		DATE - 09/08/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 1 TRAFFIC CONTROL PLAN**

SHEET NO. 5 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	65
CONTRACT NO. 64K27				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

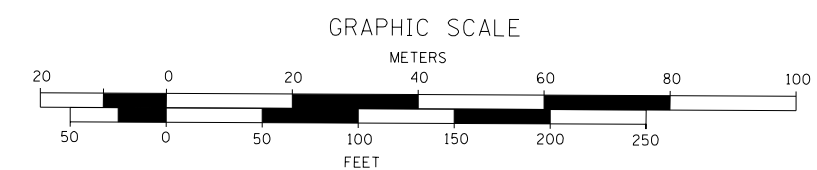


- LEGEND**
- WORK ZONE
  - CONCRETE BARRIER
  - EXISTING PAVEMENT MARKING
  - PROPOSED PAVEMENT MARKING
  - DRUM OR TYPE I BARRICADE W/ FLASHING AMBER LIGHT @ 25' C-C (20' C-C IN TAPERS)
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  - ARROW BOARD
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  - TRAFFIC DIRECTION
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  - TEMPORARY TRAFFIC SIGN
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CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND BUSINESSES.



0520063-64K27-Sheet6.dgn



USER NAME = hogensonjd	DESIGNED - MTM	REVISED -
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	DATE - 09/08/2017	REVISED -

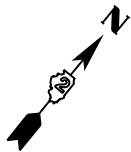
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 2 TRAFFIC CONTROL PLAN**

SHEET NO. 6 OF 14 SHEETS

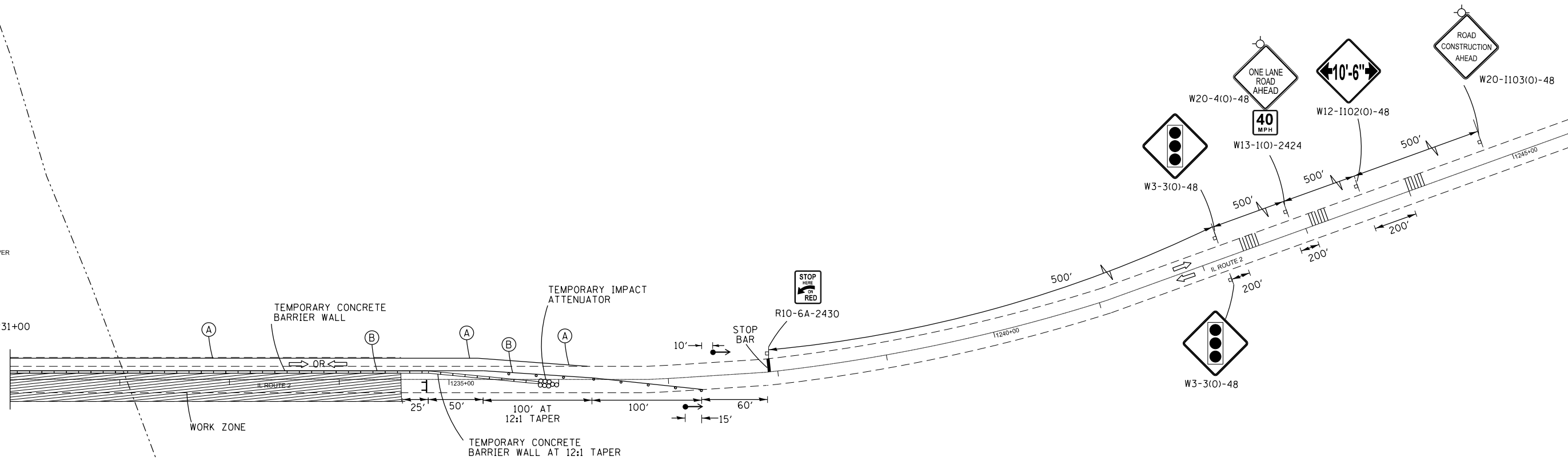
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	66
CONTRACT NO. 64K27				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



MATCHLINE STATION 1231+00  
SEE SHEET 6

ROCK RIVER



TEMPORARY CONCRETE BARRIER WALL

TEMPORARY IMPACT ATTENUATOR

STOP BAR R10-6A-2430

10'

15'

25'

50'

100' AT 12:1 TAPER

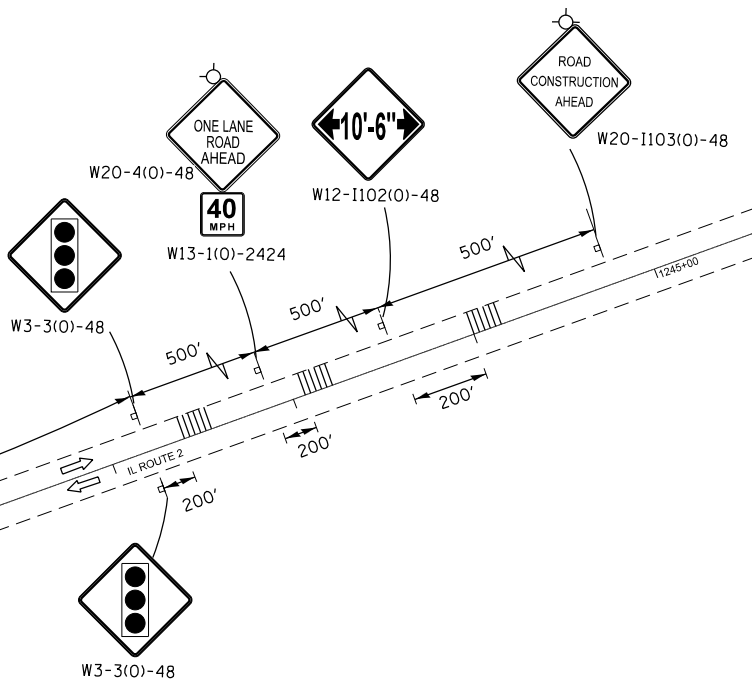
100'

60'

TEMPORARY CONCRETE BARRIER WALL AT 12:1 TAPER

WORK ZONE

IL ROUTE 2



**LEGEND**

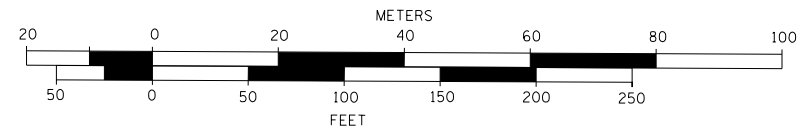
- WORK ZONE
- CONCRETE BARRIER
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING
- DRUM OR TYPE I BARRICADE W/ FLASHING AMBER LIGHT @ 25' C-C (20' C-C IN TAPERS)
- DIRECTION INDICATOR BARRICADE
- TYPE III BARRICADE
- ARROW BOARD
- IMPACT ATTENUATOR TEST LEVEL 3
- IMPACT ATTENUATOR TEST LEVEL 3, NARROW
- TRAFFIC DIRECTION
- 4" WHITE LINE
- 4" YELLOW LINE
- TEMPORARY TRAFFIC SIGN
- DOUBLE YELLOW CENTERLINE W/ DRUM OR TUBULAR MARKER
- TRAFFIC SIGNAL
- TEMPORARY RUMBLE STRIP

CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND BUSINESSES.

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH ILLINOIS TRAFFIC CONTROL STANDARD 701321-16.

REFERENCE ILLINOIS DOT STANDARD 701321-16 AND ILLINOIS DOT STANDARD SPECIFICATIONS FOR DETAILS REGARDING DETECTOR LOOPS.

**GRAPHIC SCALE**



0520063-64K27-Sheet7.dgn

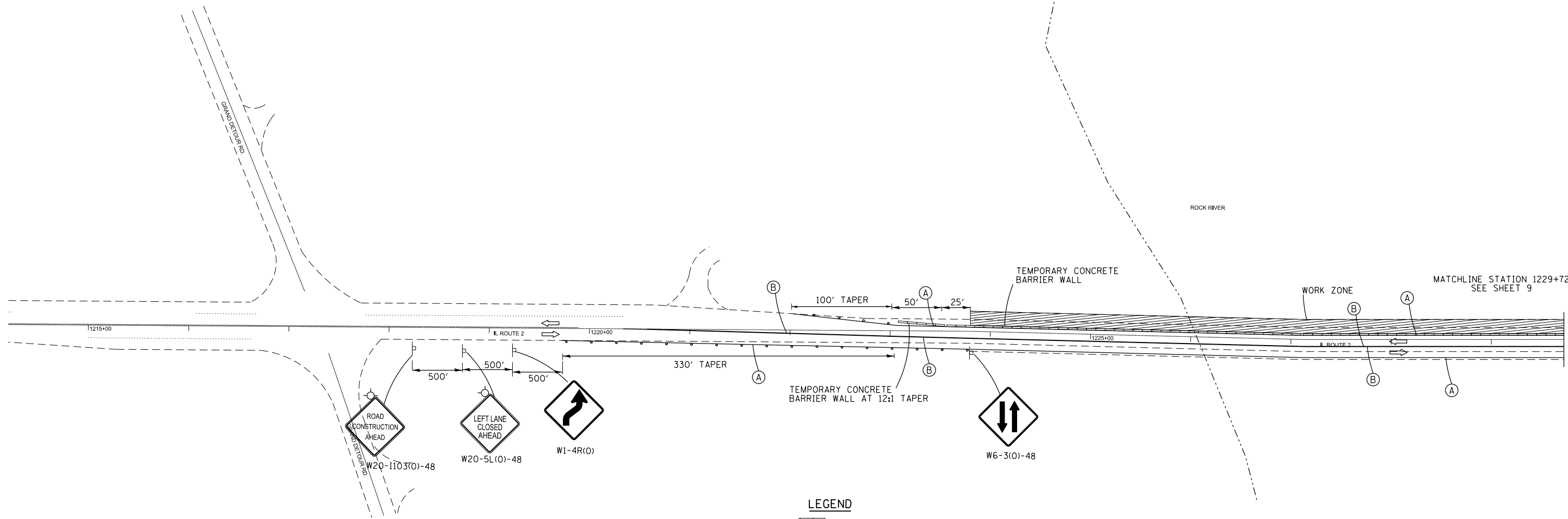
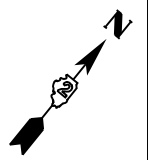
DBS DB STERLIN CONSULTANTS, INC. 120 N. WACKER DRIVE SUITE 2000 CHICAGO, ILLINOIS 60606 TEL: (312)857-1000 FAX: (312)857-1056	USER NAME = hogensonjd	DESIGNED - MTM	REVISED -
	DRAWN - DPW	REVISED -	
	PLOT SCALE =	CHECKED - MH	REVISED -
	PLOT DATE = 10/11/2017	DATE - 09/08/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 2 TRAFFIC CONTROL PLAN**

SHEET NO. 7 OF 14 SHEETS

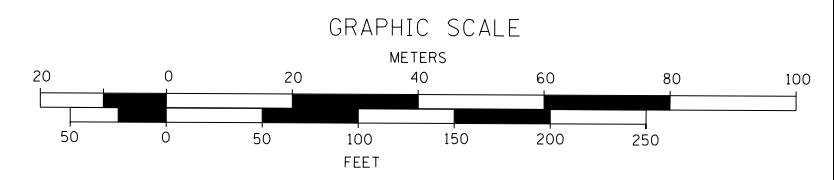
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	67
CONTRACT NO. 64K27				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



**LEGEND**

- WORK ZONE
- CONCRETE BARRIER
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING
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CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND BUSINESSES.



0520063-64K27-SheetB.dgn



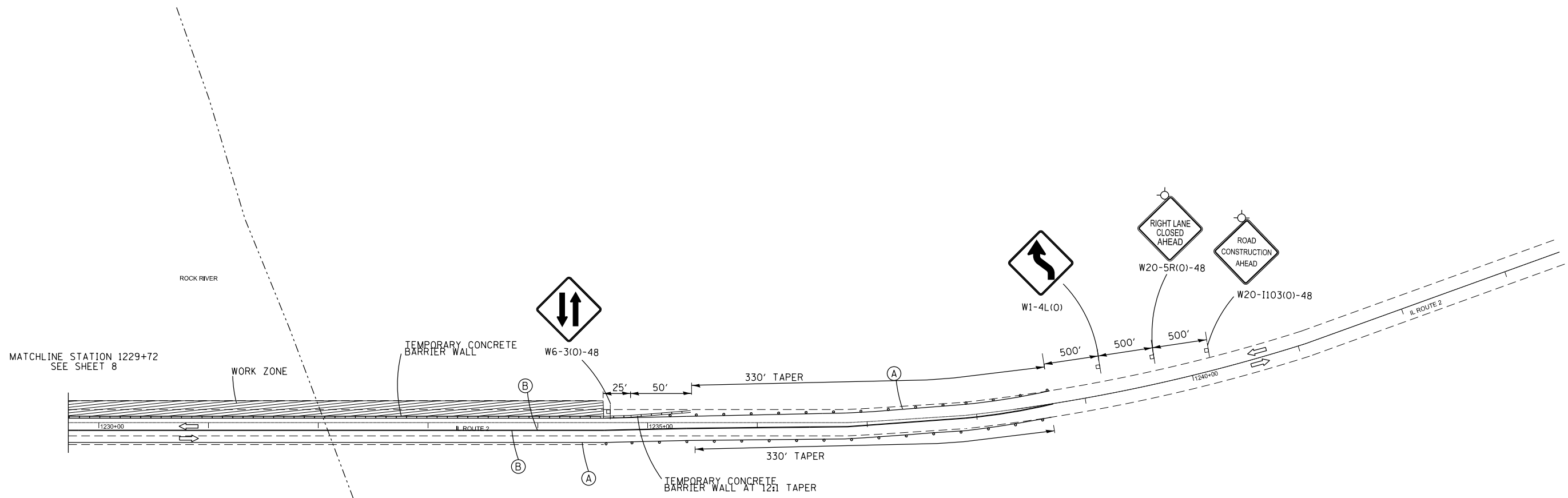
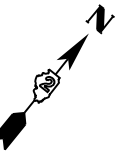
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 3 TRAFFIC CONTROL PLAN**

SHEET NO. 8 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	68
CONTRACT NO. 64K27				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

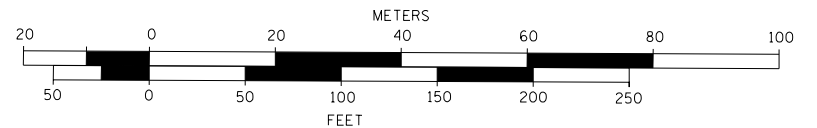


**LEGEND**

- WORK ZONE
- CONCRETE BARRIER
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING
- DRUM OR TYPE I BARRICADE W/ FLASHING AMBER LIGHT @ 25' C-C (20' C-C IN TAPERS)
- DIRECTION INDICATOR BARRICADE
- TYPE III BARRICADE
- ARROW BOARD
- IMPACT ATTENUATOR TEST LEVEL 3
- IMPACT ATTENUATOR TEST LEVEL 3, NARROW
- TRAFFIC DIRECTION
- 4" WHITE LINE
- 4" YELLOW LINE
- TEMPORARY TRAFFIC SIGN
- DOUBLE YELLOW CENTERLINE W/ DRUM OR TUBULAR MARKER
- TRAFFIC SIGNAL
- TEMPORARY RUMBLE STRIP

CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND BUSINESSES.

**GRAPHIC SCALE**



0520063-64K27-Sheet9.dgn

	USER NAME = hogensonjd	DESIGNED - MTM	REVISED -
	PLOT SCALE =	DRAWN - DPW	REVISED -
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		DATE - 09/08/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

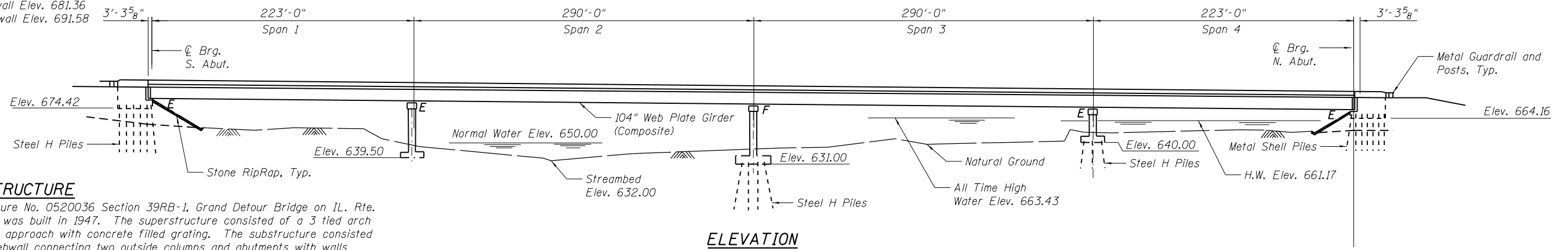
**MAINTENANCE OF TRAFFIC PLAN  
STAGE 3 TRAFFIC CONTROL PLAN**

SHEET NO. 9 OF 14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	69
CONTRACT NO. 64K27				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

**BENCH MARK:**

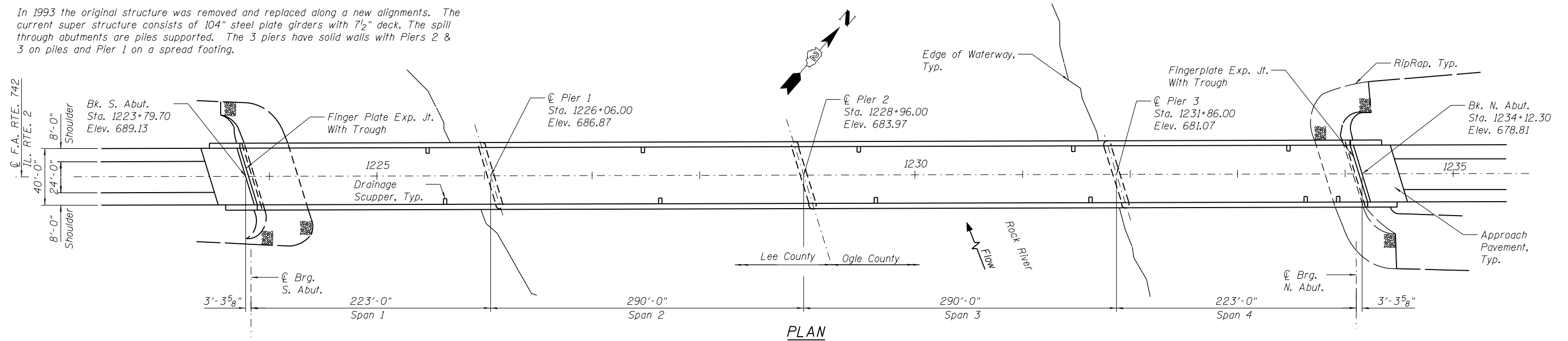
- 1) Northwest Parapet wall Elev. 681.36
- 2) Southeast Parapet wall Elev. 691.58



**EXISTING STRUCTURE**

The original Structure No. 0520036 Section 39RB-1, Grand Detour Bridge on IL. Rte. 2 at Sta. 229+89 was built in 1947. The superstructure consisted of a 3 tied arch and 2 plate girder approach with concrete filled grating. The substructure consisted of 4 piers with webwall connecting two outside columns and abutments with walls connecting three columns.

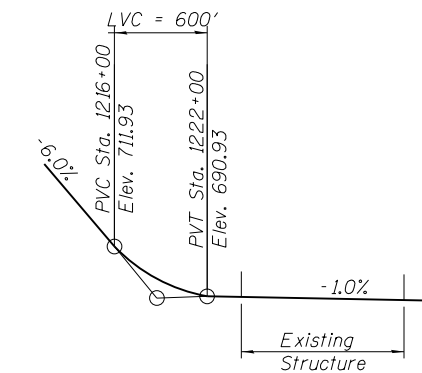
In 1993 the original structure was removed and replaced along a new alignment. The current super structure consists of 104" steel plate girders with 7 1/2" deck. The spill through abutments are piles supported. The 3 piers have solid walls with Piers 2 & 3 on piles and Pier 1 on a spread footing.



**WATERWAY INFORMATION**

Drainage Area = 8,459 Sq. Miles Low Grade Elev. 667.82 @ Sta. 265+37.85

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	54,000	13,220	13,640	661.15	0.01	0.01	661.16	661.17
Base	100	59,200	13,920	14,370	661.90	0.02	0.01	661.92	661.92
Overtopping	500+		15,340	15,850					
Max. Calc.	500	70,300			663.41	0.02	0.01	663.43	663.43



**DESIGN SPECIFICATIONS**

2002 AASHTO

**DESIGN STRESSES**

**FIELD UNITS**

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 50,000 psi (M270 Grade 50)

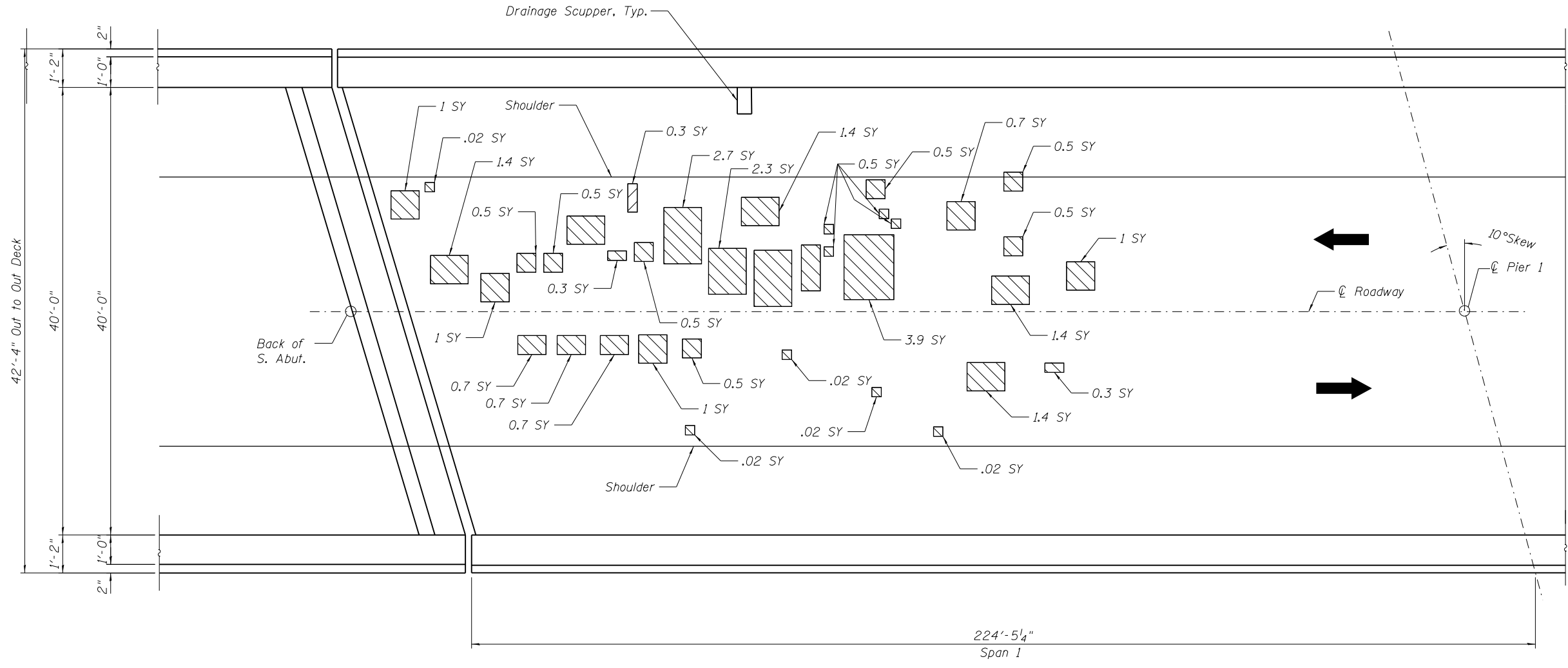
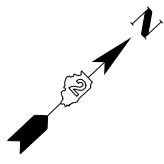
**GENERAL NOTES**

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

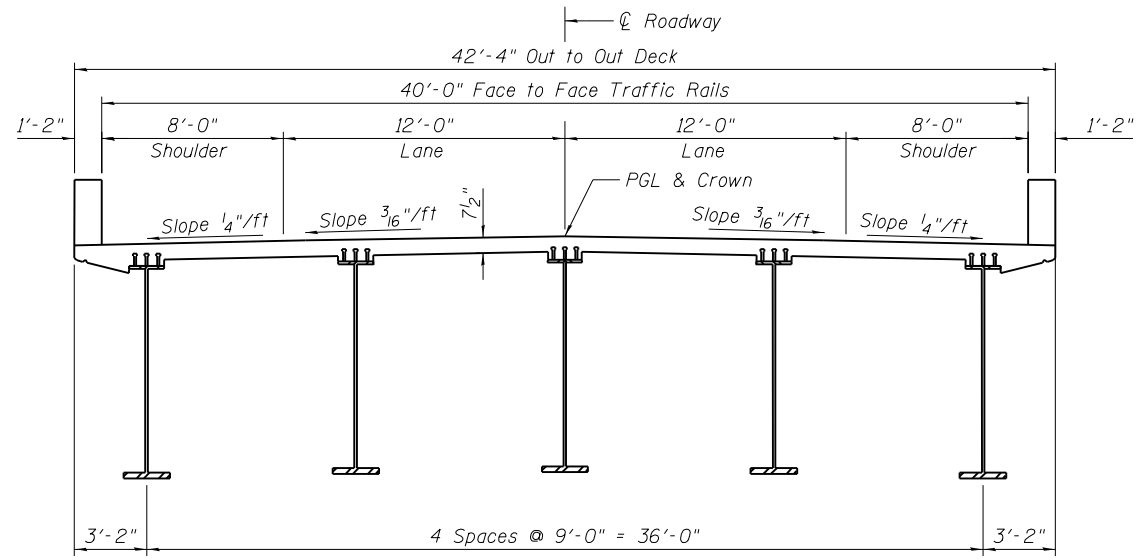
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Epoxy Crack Injection	Foot	67
Deck Slab Repair (Partial)	Sq. Yd.	450





**DECK PLAN**  
(Span 1)



**TYPICAL CROSS SECTION**  
(Looking Upstation)

**LEGEND**

- Deck Slab Repair (Partial)
- Traffic Direction
- SY Square Yard

**NOTES**

1. Quantities and limits shown are as determined during a field inspection of the existing deck. An additional amount has been included in the bill of materials for bidding purposes. Actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer in the field at the time of construction.
2. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost to be included with Deck Slab Repair (Partial)

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Ft.	450

**WYNDALCO ENTERPRISES**  
 Innovating Solutions  
 19081 Old LaGrange Rd. Ste 106  
 Mokena, IL 60448  
 312.256.9090

USER NAME = hogensonjd  
 DESIGNED - MJL  
 CHECKED - JCE  
 PLOT SCALE =  
 DRAWN - MJL  
 CHECKED - JCE  
 PLOT DATE = 10/11/2017

DESIGNED - MJL  
 CHECKED - JCE  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:

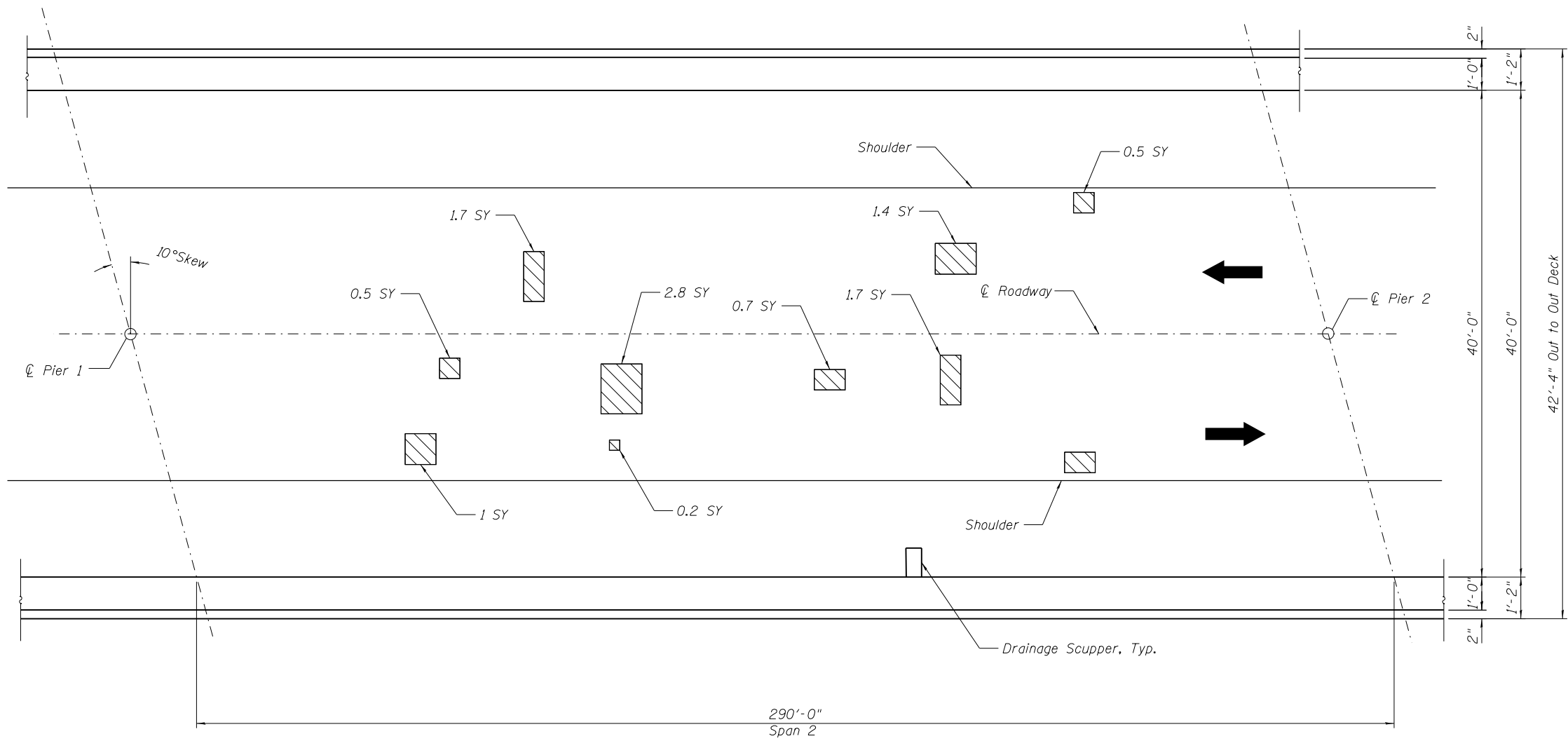
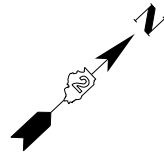
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BRIDGE DECK REPAIR PLAN**  
**STRUCTURE NO. 052-0063**

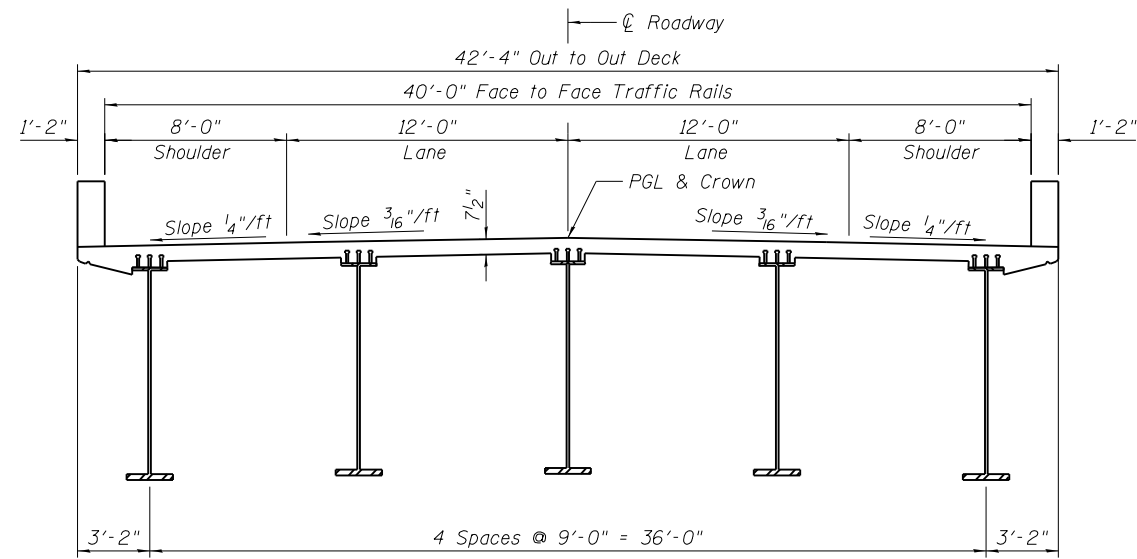
SHEET NO. 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	

FILE NAME = pw\1\084EBID\INTEG\Illinois\Projects\2\Projects\2024\714\Consult\entData\WYNDALCO\052063-64K27-011-Deck\_Plan01.dgn



**DECK PLAN**  
(Span 2)



**TYPICAL CROSS SECTION**  
(Looking Upstation)

**LEGEND**

- Deck Slab Repair (Partial)
- Traffic Direction
- SY Square Yard

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Ft.	450

**NOTES**

1. Quantities and limits shown are as determined during a field inspection of the existing deck. An additional amount has been included in the bill of materials for bidding purposes. Actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer in the field at the time of construction.
2. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost to be included with Deck Slab Repair (Partial)

**WYNNDALCO ENTERPRISES**  
Innovating Solutions  
19081 Old LaGrange Rd. Ste 106  
Mokena, IL 60448  
312.256.9090

USER NAME = hogensonjd  
DESIGNED - MJL  
CHECKED - JCE  
DRAWN - MJL  
PLOT SCALE =  
PLOT DATE = 10/11/2017

DESIGNED - MJL  
CHECKED - JCE  
REVISOR -  
REVISOR -  
REVISOR -  
REVISOR -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

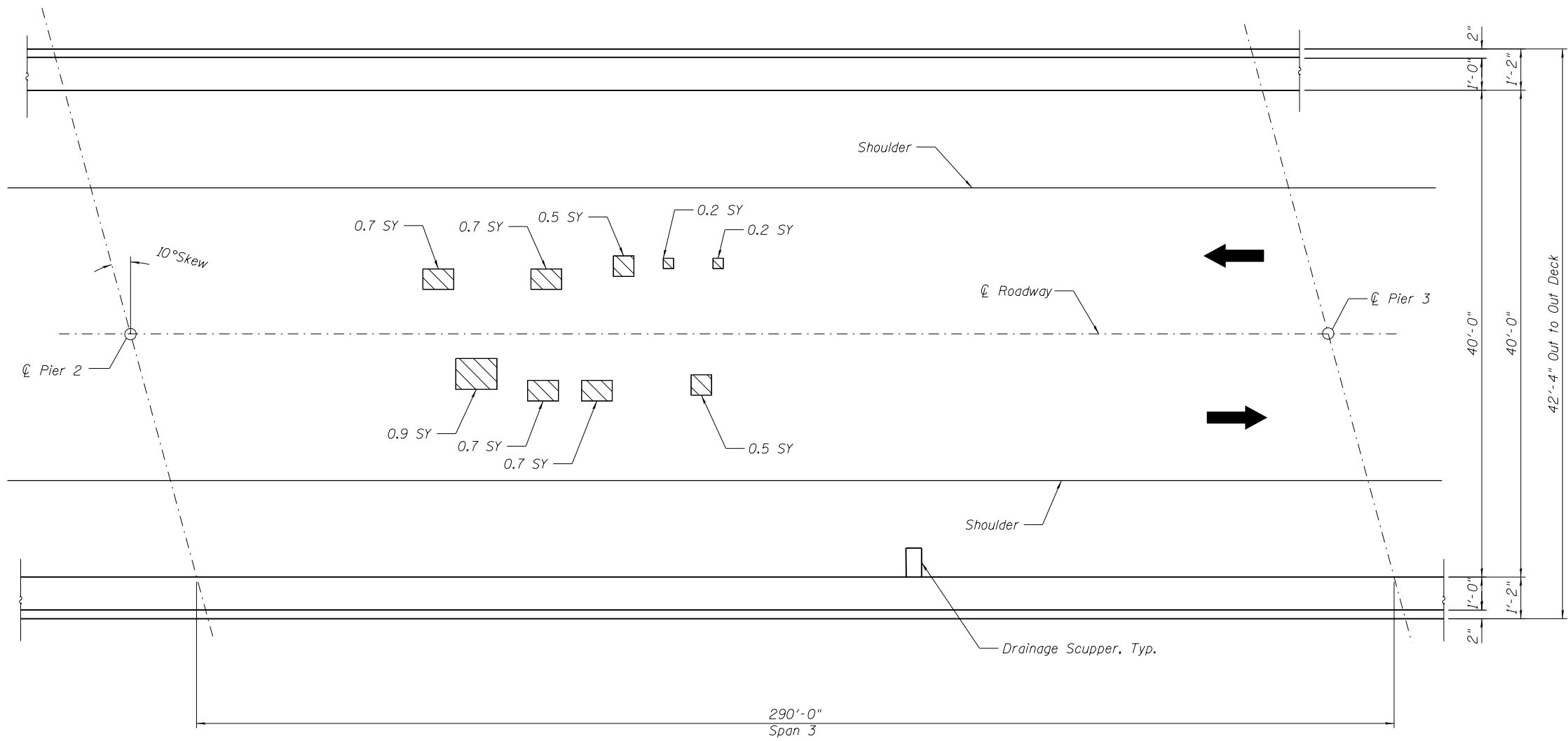
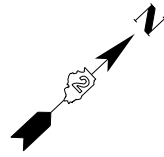
**BRIDGE DECK REPAIR PLAN**  
**STRUCTURE NO. 052-0063**

SHEET NO. 2 OF 4 SHEETS

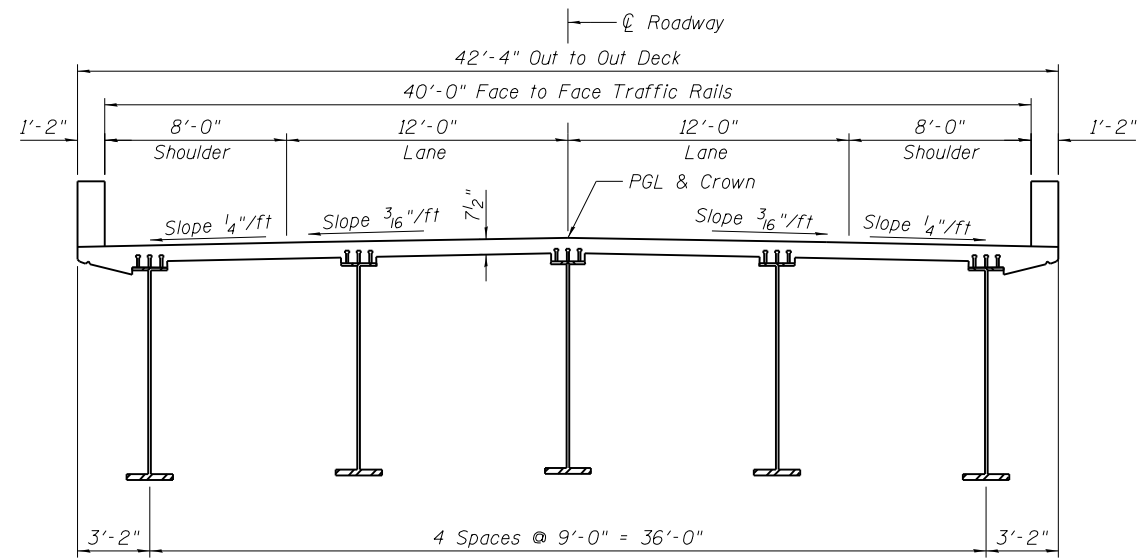
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	LEE/OGLE	135	72
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	

FILE NAME = pws\11084EBID\INTEG\Illinois\gov\PM\DOT\Documents\DOT\Offices\District\_2\Projects\2014\Consult\entData\WYNDALCO\0520063-64K27-012-Deck\_Plan-02.dgn





**DECK PLAN**  
(Span 3)



**TYPICAL CROSS SECTION**  
(Looking Upstation)

**LEGEND**

- Deck Slab Repair (Partial)
- Traffic Direction
- SY Square Yard

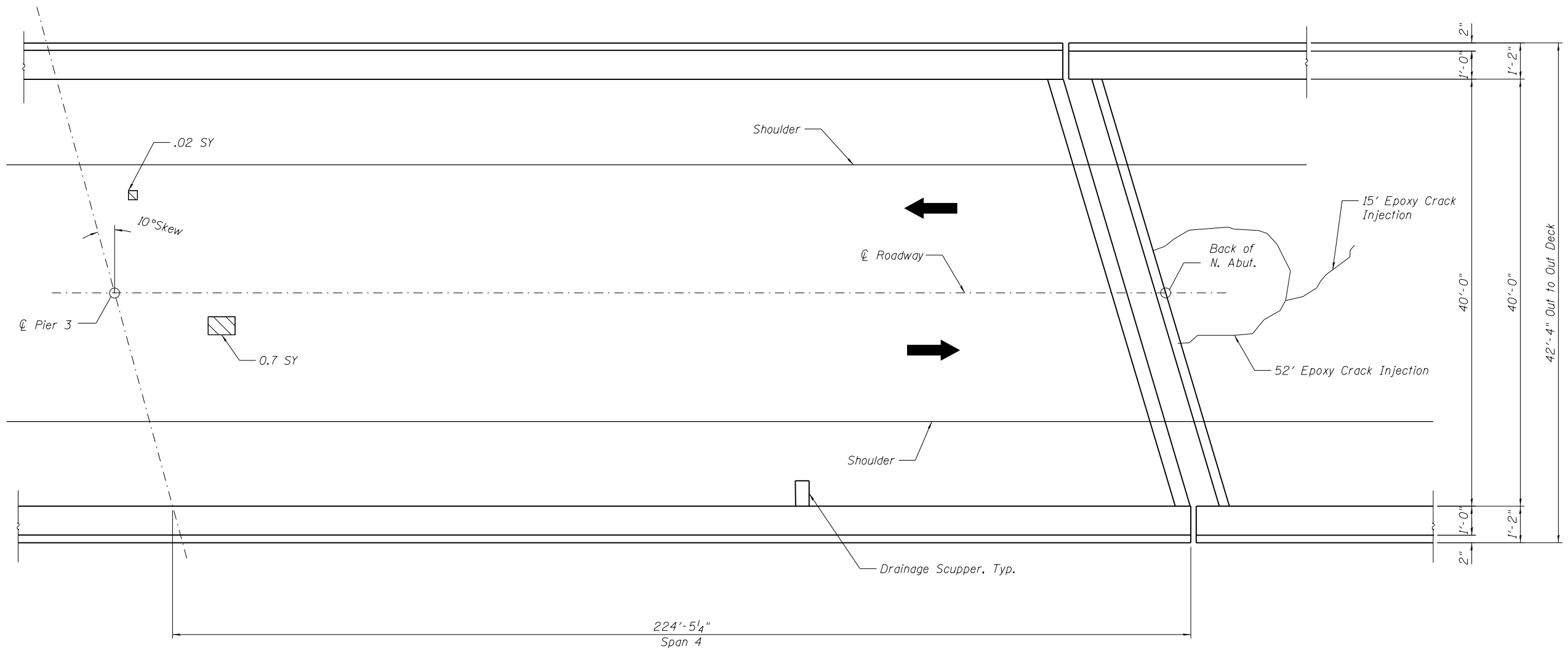
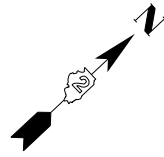
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Ft.	450

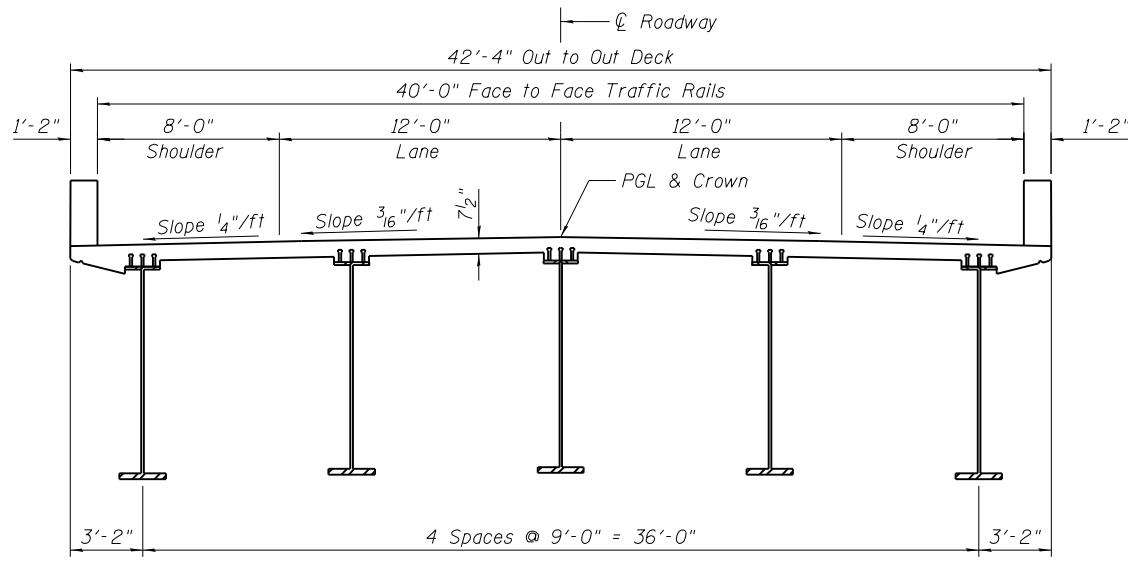
**NOTES**

1. Quantities and limits shown are as determined during a field inspection of the existing deck. An additional amount has been included in the bill of materials for bidding purposes. Actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer in the field at the time of construction.
2. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost to be included with Deck Slab Repair (Partial)

FILE NAME = p:\11084\BIDDING\Illinois\DOT\Documents\DOT Offices\District 2\Projects\0204714\Consult\entData\WYNDALCO\0520063-64K27-013-Deck Plan-03.dgn



**DECK PLAN**  
(Span 4)



**TYPICAL CROSS SECTION**  
(Looking Upstation)

**LEGEND**

- Deck Slab Repair (Partial)
- Traffic Direction
- SY Square Yard

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Ft.	450
Epoxy Crack Injection	Foot	67

**NOTES**

1. Quantities and limits shown are as determined during a field inspection of the existing deck. An additional amount has been included in the bill of materials for bidding purposes. Actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer in the field at the time of construction.
2. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost to be included with Deck Slab Repair (Partial)

**WYNNDALCO ENTERPRISES**  
Innovating Solutions  
19081 Old LaGrange Rd. Ste 106  
Mokena, IL 60448  
312.256.9090

USER NAME = hogensonjd	DESIGNED - MJL	REVISIONS
	CHECKED - JCE	REVISIONS
PLOT SCALE =	DRAWN - MJL	REVISIONS
PLOT DATE = 10/11/2017	CHECKED - JCE	REVISIONS

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**  
**STRUCTURE NO. 052-0063**

SHEET NO. 4 OF 4 SHEETS

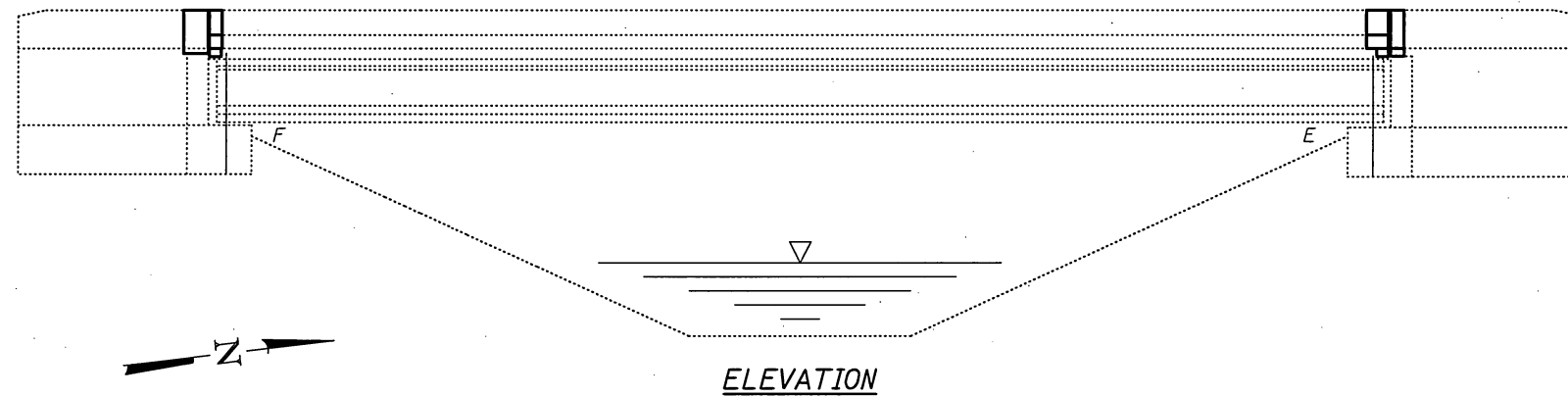
F.A.P. RTE. 742	SECTION (38.39)RS-6	COUNTY LEE/OGLE	TOTAL SHEETS 135	SHEET NO. 74
			CONTRACT NO. 64K27	

ILLINOIS FED. AID PROJECT

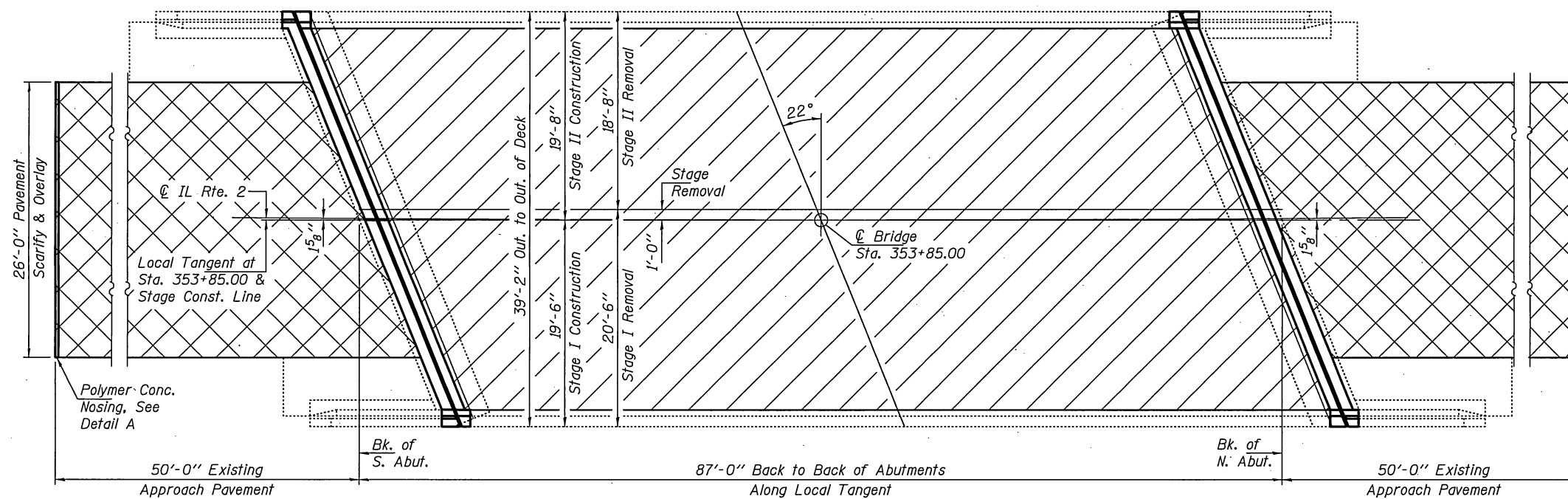
FILE NAME = pws\110848\BIDDING\Illinois\gov\PI\DOT\Documents\DOT\Files\District\_2\Projects\0204714\Consult\entData\WYNNDALCO\0520063-64K27-014-Deck\_Plan.dgn

**GENERAL NOTES**

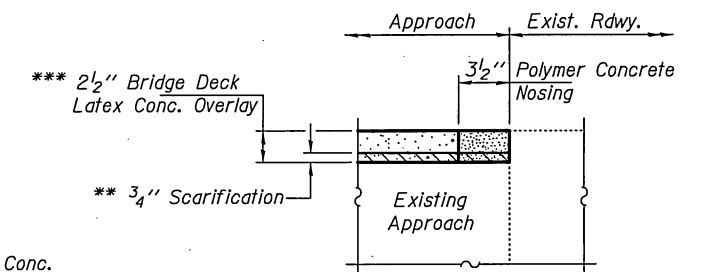
All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.  
 Reinforcement bars designated (E) shall be epoxy coated.  
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.  
 Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.  
 Synthetic fibers shall be added to the bridge deck latex concrete overlay. See Special Provisions.



**ELEVATION**



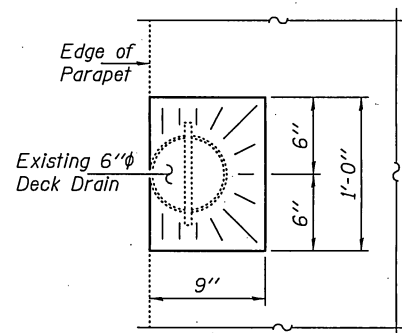
**PLAN**



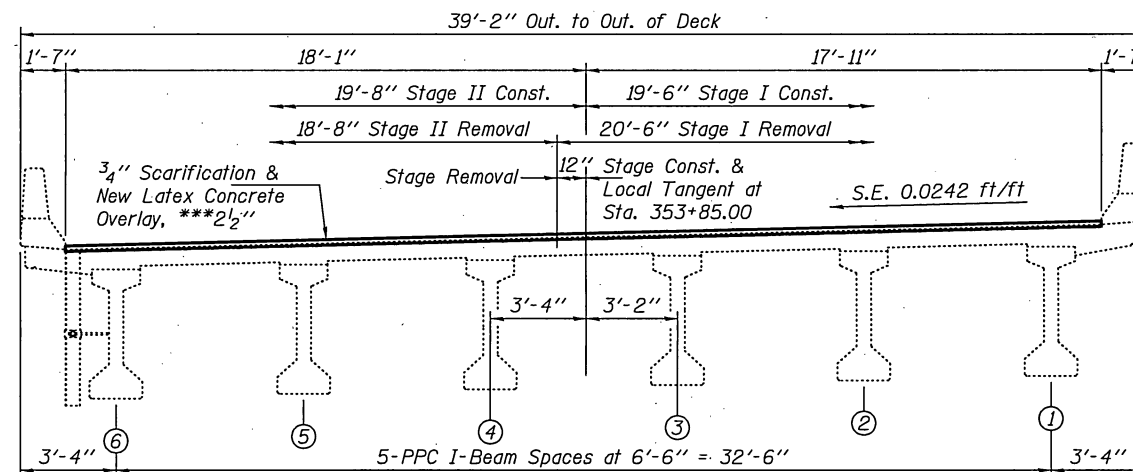
**DETAIL A**

\*\* Cost of 3/4" Scarification included with Bridge Deck Scarification, 3/4".  
 \*\*\* Prior to 1/4" Diamond Grinding

- Hatched areas indicate Bridge Deck Scarification, Bridge Deck Latex Concrete Overlay, Diamond Grinding, & Bridge Deck Grooving limits (driving lanes only).
- Cross Hatched areas indicate Scarification, Bridge Deck Latex Concrete Overlay, & Diamond Grinding limits.



**OVERLAY TREATMENT AT DRAINS**



**CROSS SECTION SHOWING STAGING**  
(Looking North)

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	3.8
Concrete Superstructure	Cu. Yd.	4.2
Reinforcement Bars, Epoxy Coated	Pound	780
Bar Splicers	Each	12
Preformed Joint Strip Seal	Foot	82
Bridge Deck Scarification, 3/4"	Sq. Yd.	615.7
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	615.7
Polymer Concrete	Cu. Ft.	1.9
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	222.2
Diamond Grinding	Sq. Yd.	628.7
Protective Coat	Sq. Yd.	133.3

\* New Concrete Superstructure areas only.



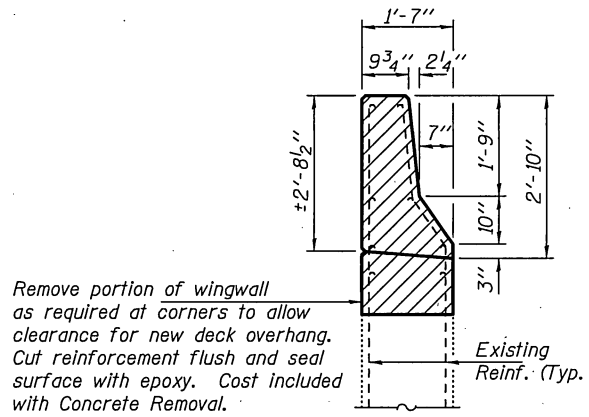
Expires November 30, 2018

DESIGNED - <i>[Signature]</i>	EXAMINED - <i>[Signature]</i>	DATE - DECEMBER 5, 2017
CHECKED - <i>[Signature]</i>	PASSED - <i>[Signature]</i>	REVISOR -
DRAWN - <i>[Signature]</i>	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -
CHECKED - <i>[Signature]</i>		REVISOR -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

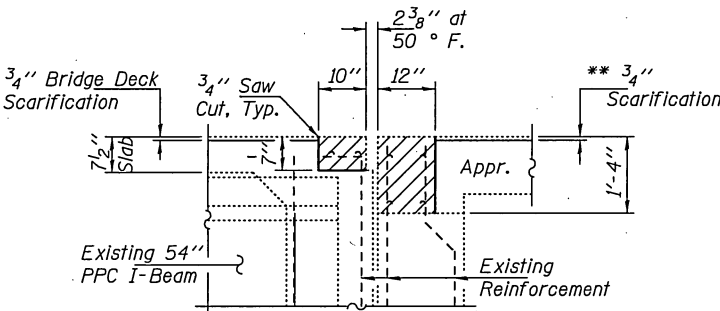
**GENERAL PLAN & ELEVATION**  
**ILLINOIS ROUTE 2 OVER DRAINAGE DITCH**  
**SN 071-0072**

F.A. RTE. 742	SECTION (38,39)RS-C	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 75
SHEET NO. 1 OF 4 SHEETS			CONTRACT NO. 64K27	
ILLINOIS FED. AID PROJECT				



Remove portion of wingwall as required at corners to allow clearance for new deck overhang. Cut reinforcement flush and seal surface with epoxy. Cost included with Concrete Removal.

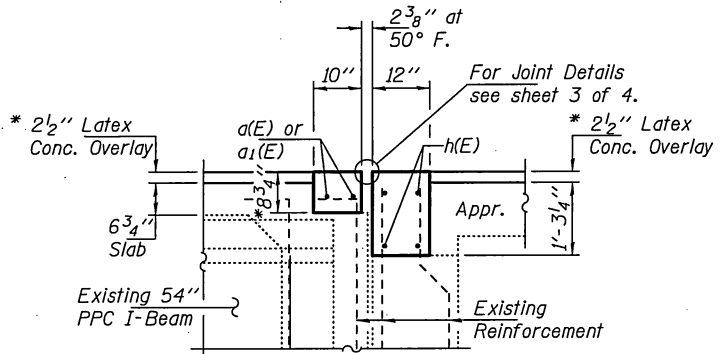
**SECTION THRU PARAPET (APPROACH)**



**SECTION C-C**

Dims. at Rt. L

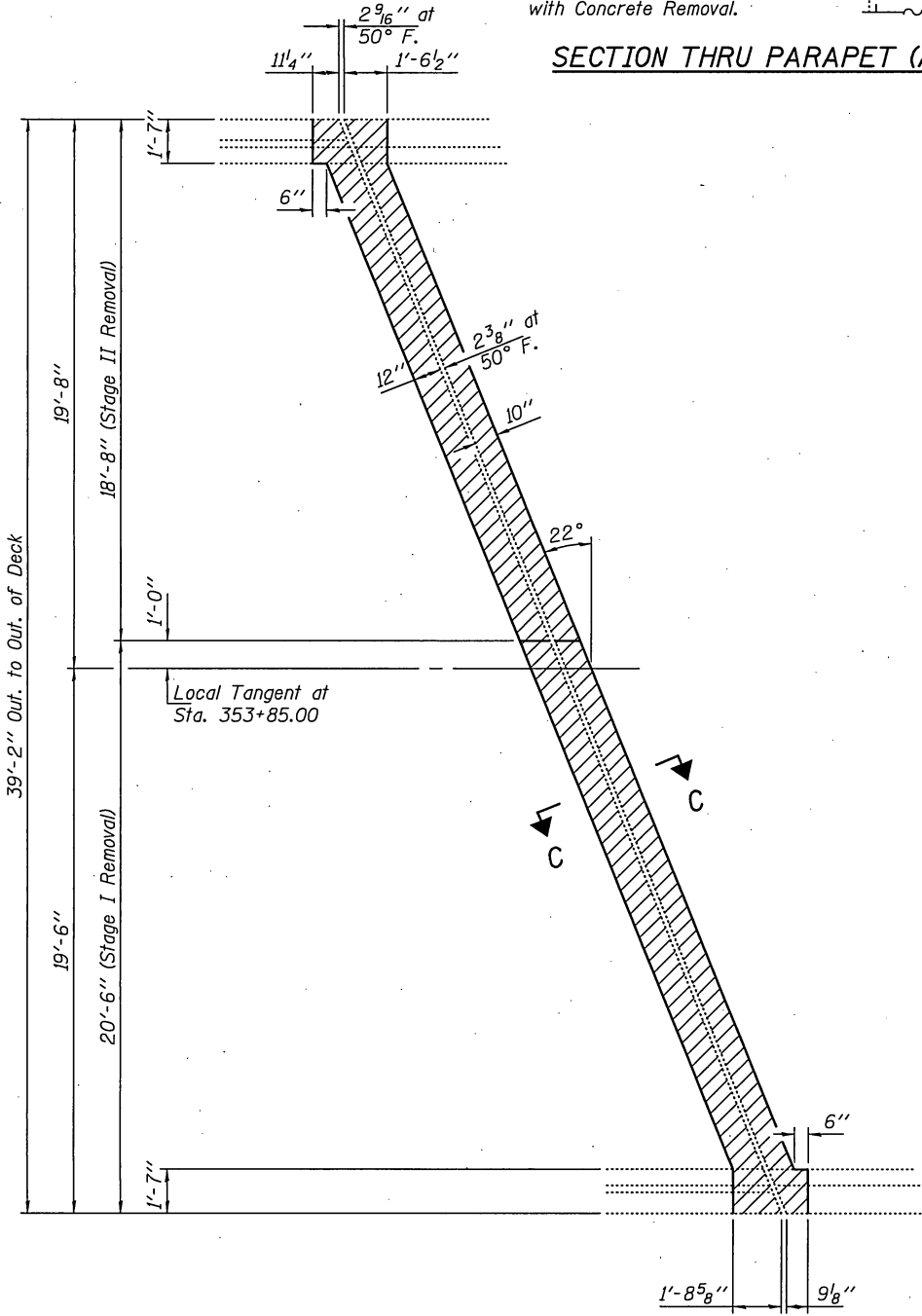
Note: The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.



**SECTION D-D**

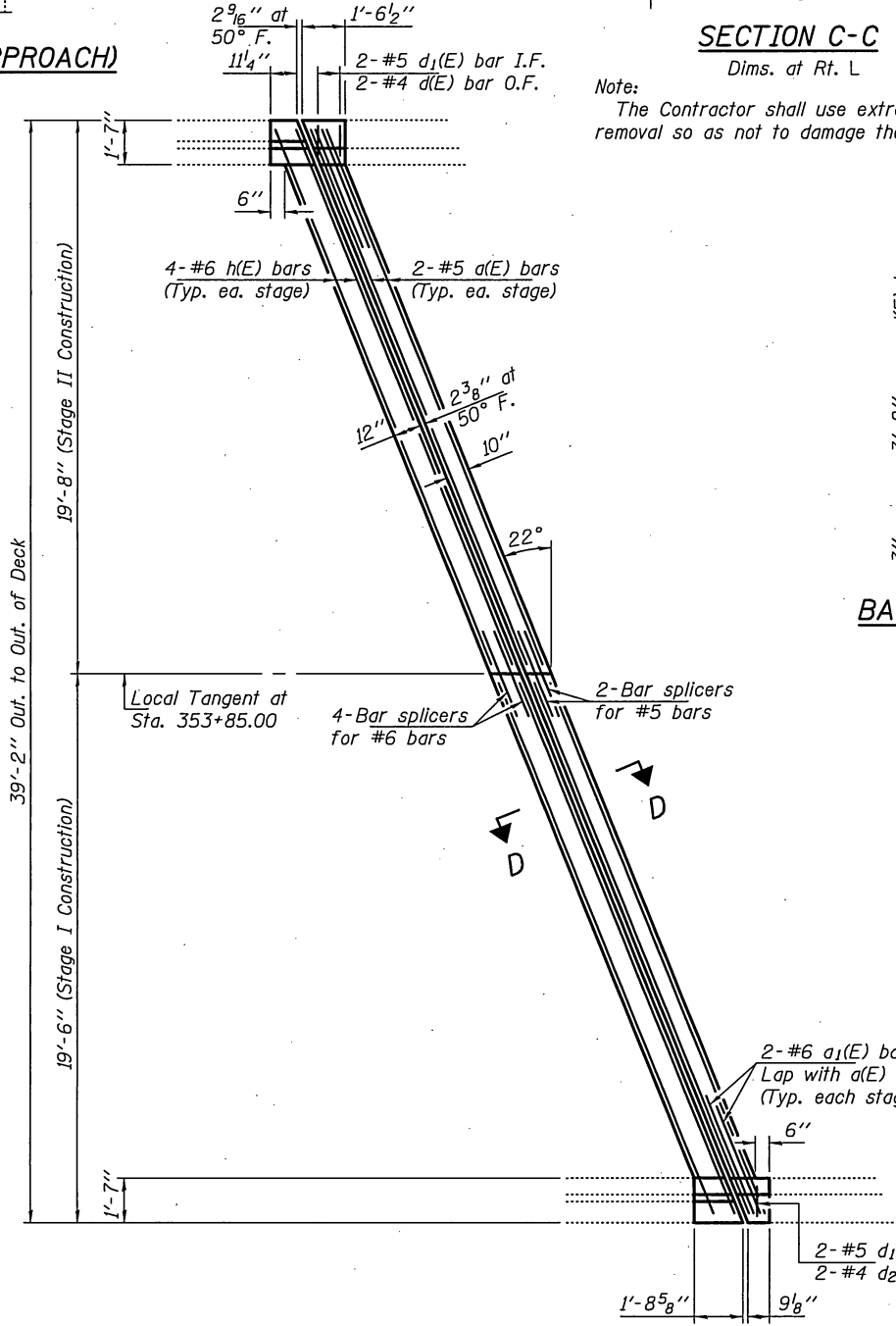
Dims. at Rt. L

\* Prior to 1/4" Diamond Grinding  
 \*\* Cost of 3/4" Scarification included with Bridge Deck Scarification, 3/4".



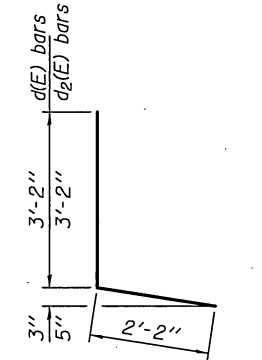
**CONCRETE REMOVAL PLAN**

(South Abutment shown; North Abutment similar except as noted.)

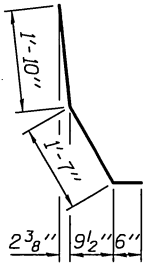


**CONCRETE REPLACEMENT PLAN**

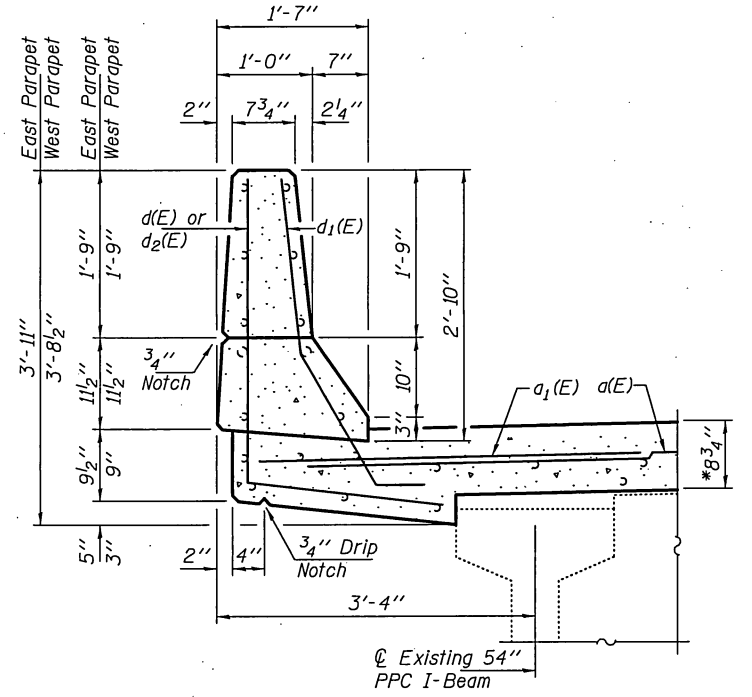
(South Abutment shown; North Abutment similar except as noted.)



**BARS d(E) & d2(E)**



**BAR d1(E)**



**SECTION THRU PARAPET (DECK)**

**BILL OF MATERIAL**

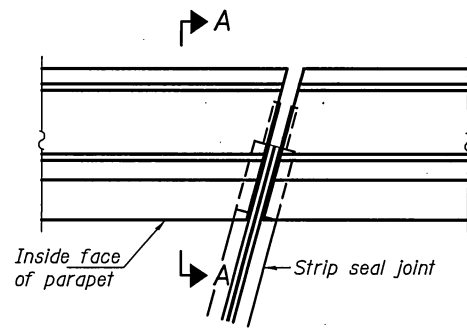
Bar	No.	Size	Length	Shape
a(E)	8	#5	20'-6"	—
a1(E)	8	#6	4'-6"	—
d(E)	4	#4	5'-4"	L
d1(E)	8	#5	3'-11"	L
d2(E)	4	#4	5'-4"	L
h(E)	16	#6	20'-9"	—
Concrete Removal		Cu. Yd.	3.8	
Concrete Superstructure		Cu. Yd.	4.2	
Bar Splicers		Each	12	
Reinforcement Bars, Epoxy Coated		Pound	780	

DESIGNED - JGY	EXAMINED - <i>Timothy A. McGuff</i>	DATE - DECEMBER 5, 2017
CHECKED - CCC	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - Kyle M. Steffen	PASSED - <i>Carl Perry</i>	REVISOR
CHECKED - JGY CCC	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR

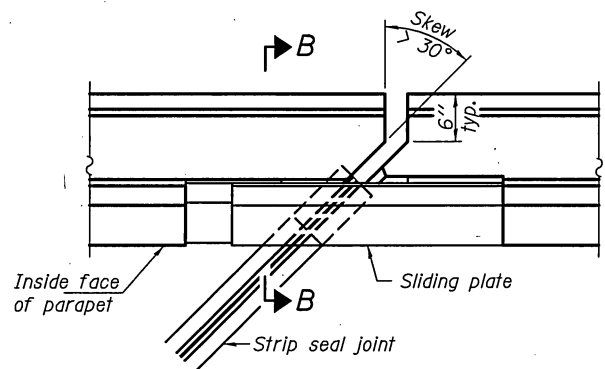
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JOINT REMOVAL & REPLACEMENT DETAILS  
 SN 071-0072

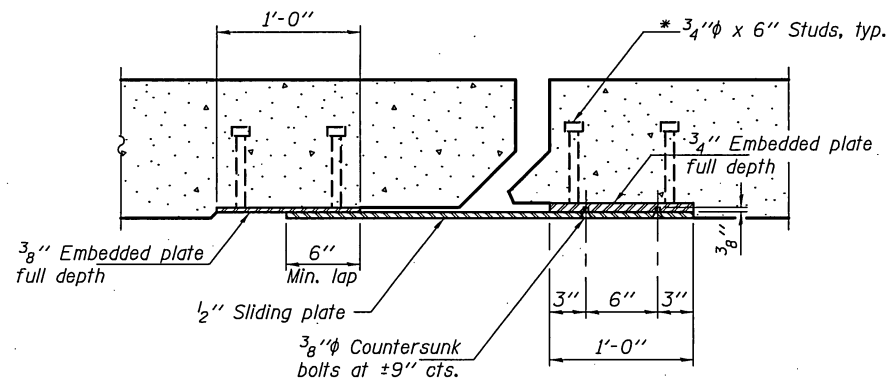
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-C	OGLE	135	76
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	



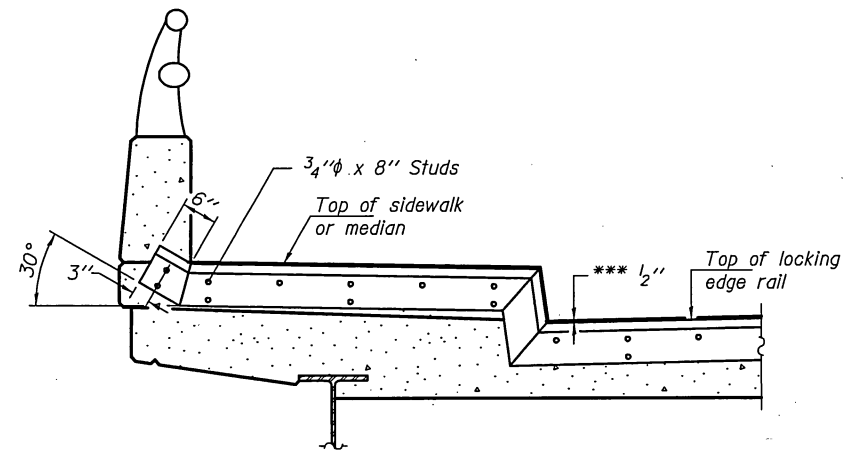
**PLAN**  
(For skews  $\leq 30^\circ$ )



**PLAN**  
(For skews  $> 30^\circ$ )  
Showing point block

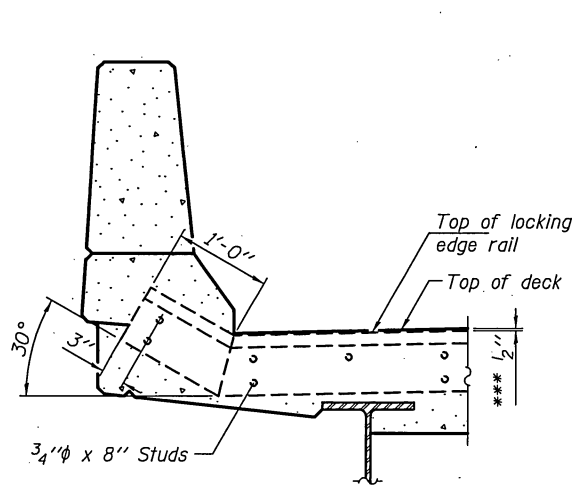


**SECTION C-C**

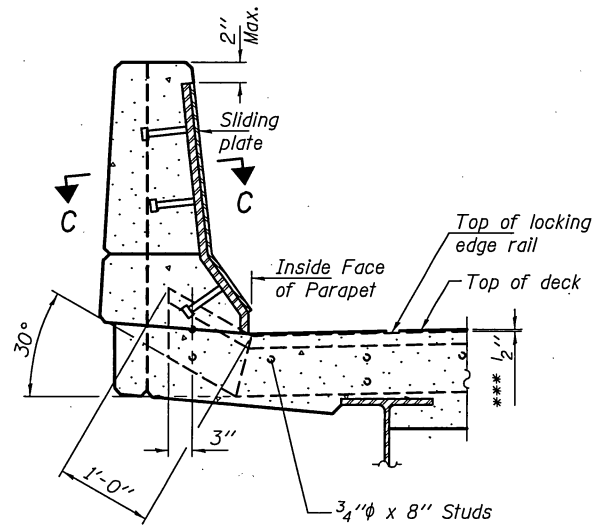


**TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN**

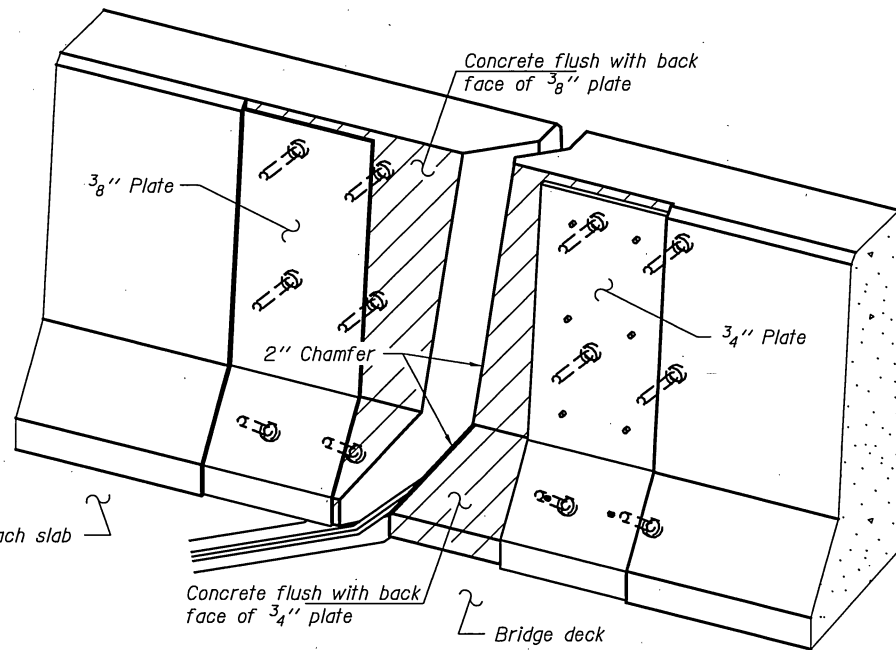
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



**SECTION A-A**

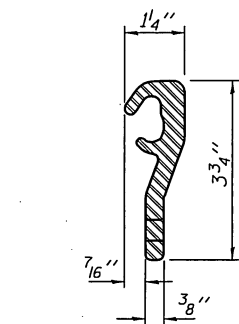


**SECTION B-B**

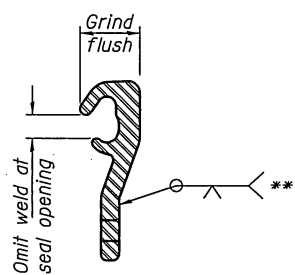


**TRIMETRIC VIEW**  
(Showing back plates only)

\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



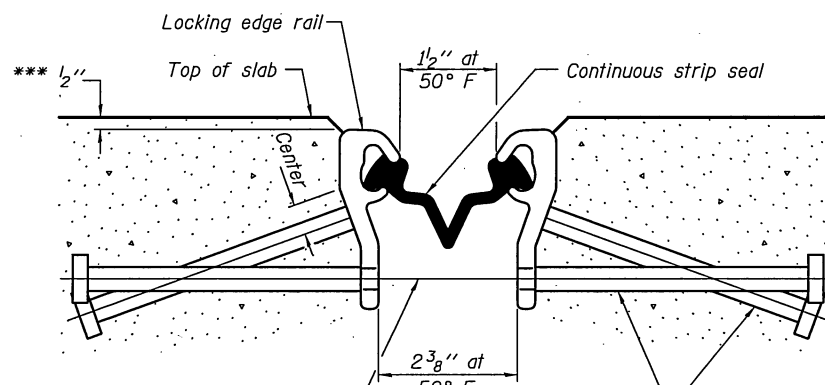
**LOCKING EDGE RAIL**



**LOCKING EDGE RAIL SPLICE**

\*\* Back gouge not required if complete joint penetration is verified by mock-up.

\*\*\* Prior to 1/4" Diamond Grinding.



**SECTION THRU STRIP SEAL JOINT**

7/16"  $\phi$  holes at 4'-0" cts. for 3/8"  $\phi$  bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

Place 1/2"  $\phi$  x 6" granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded at 1'-0" alt. cts.

**Notes:**

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

The inside of the Locking Edge Rail groove shall be free of weld residue. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant.

Parapet plates and anchorage studs for skews  $> 30^\circ$  included in the cost of Preformed Joint Strip Seal.

The manufacturer's recommended installation methods shall be followed.

**BILL OF MATERIAL**

Item	Unit	Total
Preformed Joint Strip Seal	Foot	82

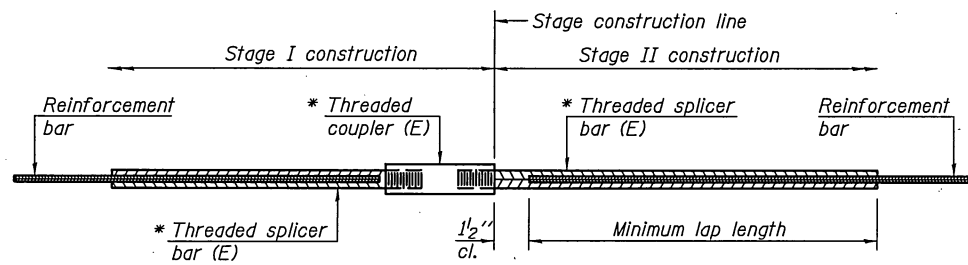
DESIGNED - JGY	EXAMINED - <i>Timothy A. McGee</i>	DATE - DECEMBER 5, 2017
CHECKED - CCC	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - Kyle M. Steffen	PASSED - <i>Carl Perry</i>	REVISOR
CHECKED - JGY CCC	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS  
SN 071-0072

SHEET NO. 3 OF 4 SHEETS

F.A. RTE. 742	SECTION (38,39)RS-C	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 77
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

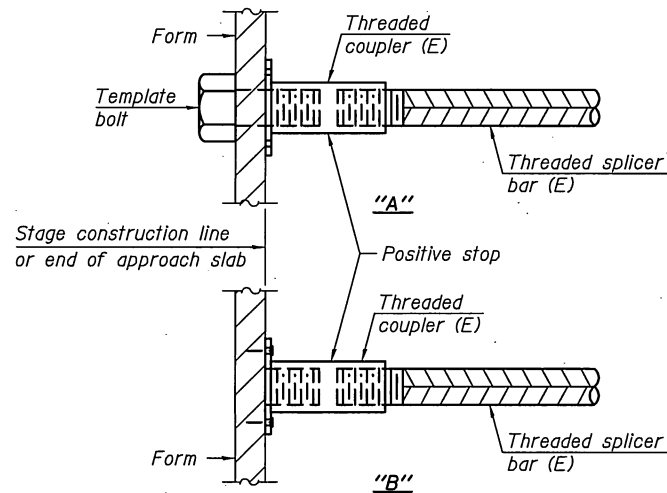


**STANDARD BAR SPLICER ASSEMBLY**

Threaded splicer bar length = min. lap length + 1/2" + thread length

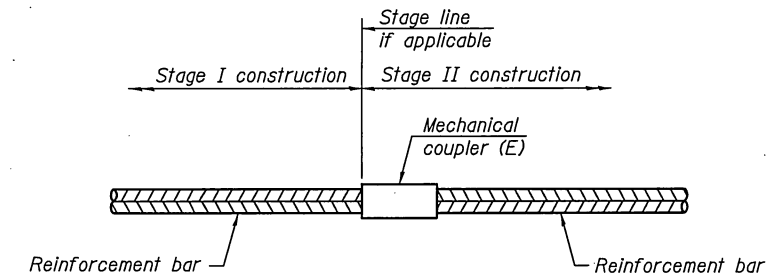
\* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Bridge Deck	#5	4	3'-6"
Abutment	#6	8	4'-0"



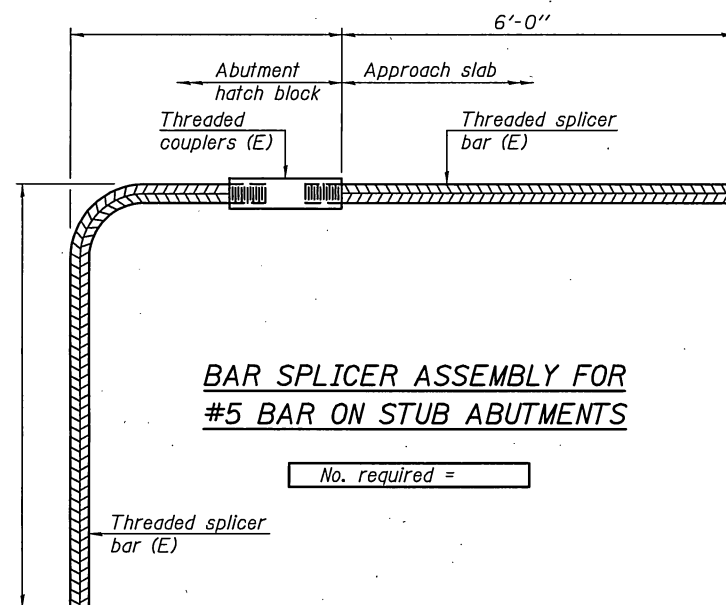
**INSTALLATION AND SETTING METHODS**

"A" : Set bar splicer assembly by means of a template bolt.  
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.  
 (E) : Indicates epoxy coating.



**STANDARD MECHANICAL SPLICER**

Location	Bar size	No. assemblies required



**BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS**

No. required =

**NOTES**

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.  
 All reinforcement shall be lapped and tied to the splicer bars.  
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.  
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

6-8-15

DESIGNED - JGY	EXAMINED - <i>Timothy A. [Signature]</i>	DATE - DECEMBER 5, 2017
CHECKED - CCC	PASSED - <i>[Signature]</i>	REVISOR
DRAWN - Kyle M. Steffen	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR
CHECKED - JGY CCC		

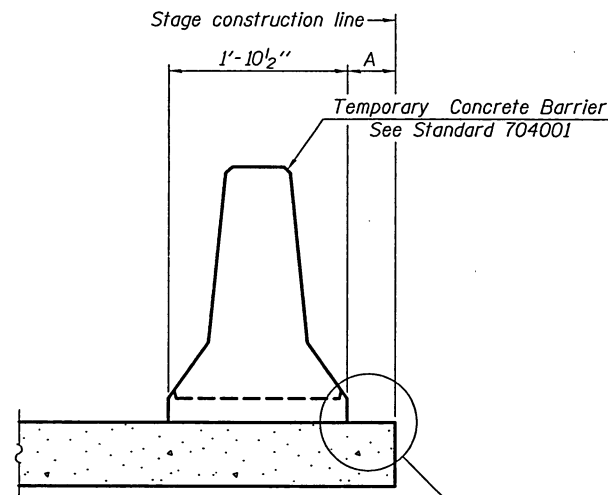
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS  
 SN 071-0072

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-C	OGLE	135	78
CONTRACT NO. 64K27				

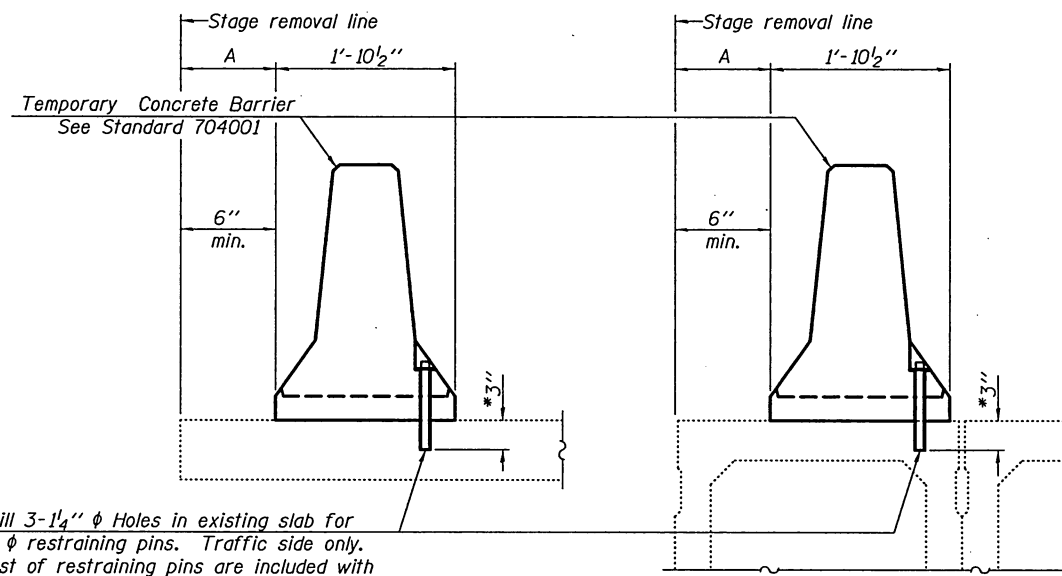
SHEET NO. 4 OF 4 SHEETS

ILLINOIS FED. AID PROJECT



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

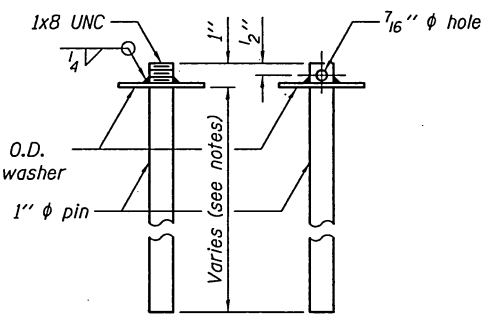
**NEW SLAB OR NEW DECK BEAM**



Drill 3-1/4"  $\phi$  Holes in existing slab for 1"  $\phi$  restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

**EXISTING SLAB**

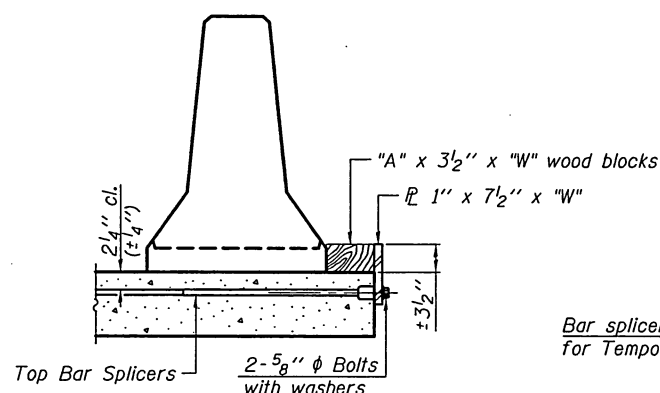
**EXISTING DECK BEAM**



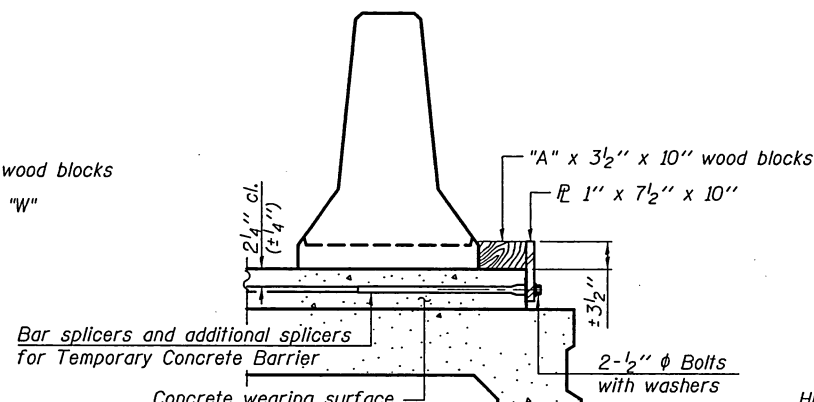
**RESTRAINING PIN**

US Std. 1 1/16" I.D. x 2 1/2" O.D. x approx. 8 gauge thick washer

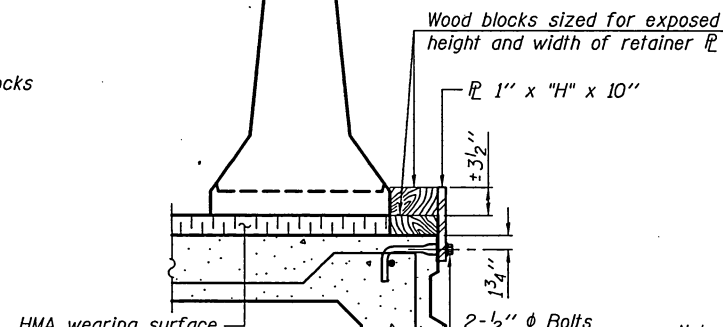
**SECTIONS THRU SLAB OR DECK BEAM**



**DETAIL I**

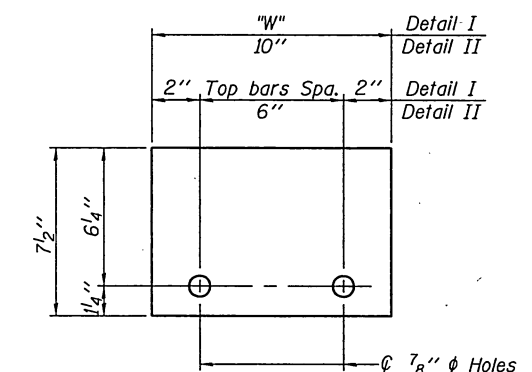
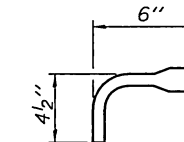


**DETAIL II**

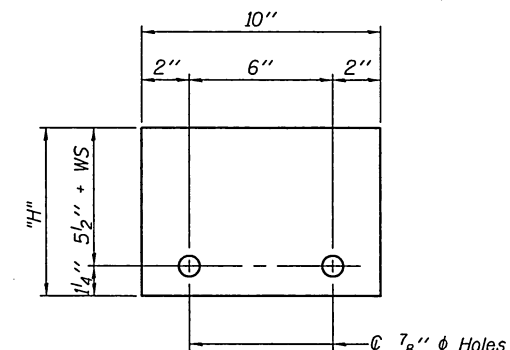


**DETAIL III**

**BAR SPLICER FOR #4 BAR - DETAIL III**



**STEEL RETAINER 1" x 7 1/2" x "W"**  
(Detail I and II)



**STEEL RETAINER 1" x "H" x 10"**  
(Detail III)

**Notes:**  
 Cost of retainer assembly is included with Temporary Concrete Barrier. A retainer assembly shall be located at the approximate  $\frac{1}{2}$  of each temporary concrete barrier.  
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.  
 When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

**Detail I** - Installation for a new bridge deck or bridge slab.  
**Detail II** - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.  
**Detail III** - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

R-27

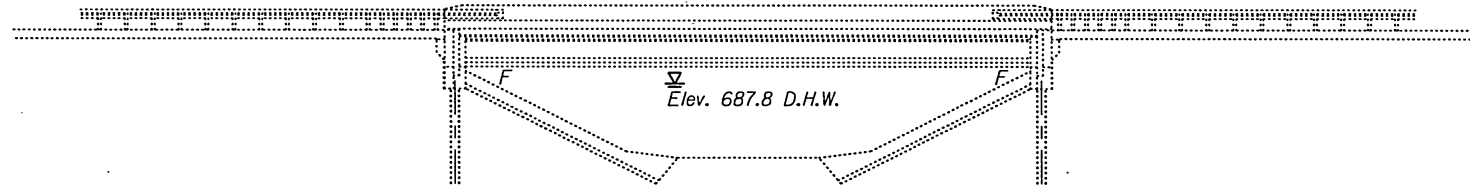
11-22-2016

DESIGNED - JGY	EXAMINED - <i>Timothy A. ...</i>	DATE - DECEMBER 5, 2017	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION SN 071-0072</b>	F.A. RTE. 742	SECTION (38,39)RS-C	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 78A	
CHECKED - CCC	PASSED - <i>Carl ...</i>	REVISIONS			CONTRACT NO. 64K27					
DRAWN - Kyle M. Steffen	ENGINEER OF BRIDGES AND STRUCTURES	REVISIONS			ILLINOIS FED. AID PROJECT					
CHECKED - JGY CCC					SHEET NO. 4A OF 4 SHEETS					

**GENERAL NOTES**

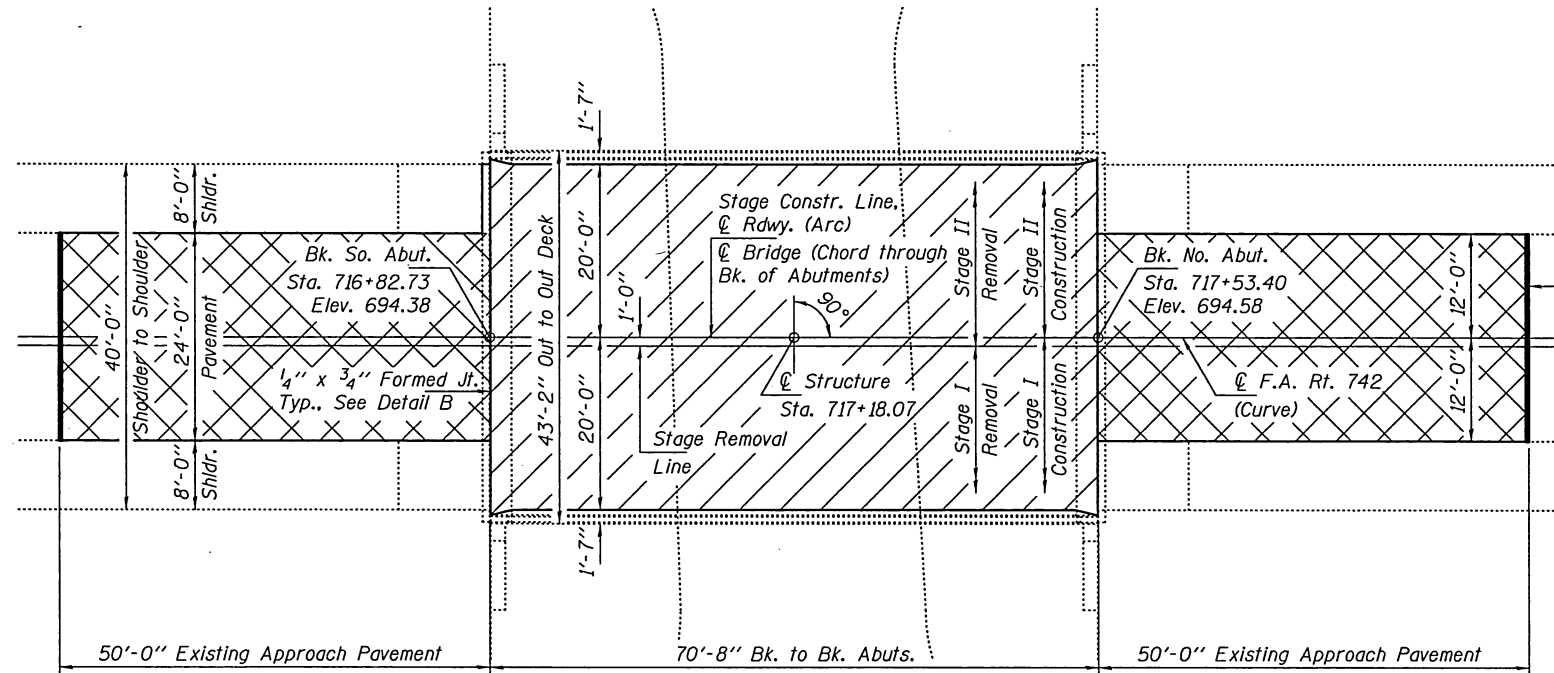
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Synthetic fibers shall be added to the bridge deck latex concrete overlay. See Special Provisions.

**ELEVATION**



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	580.7
Bridge Deck Scarification, 3/4"	Sq. Yd.	580.7
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	188.4
Polymer Concrete	Cu. Ft.	1.8
Diamond Grinding	Sq. Yd.	580.7

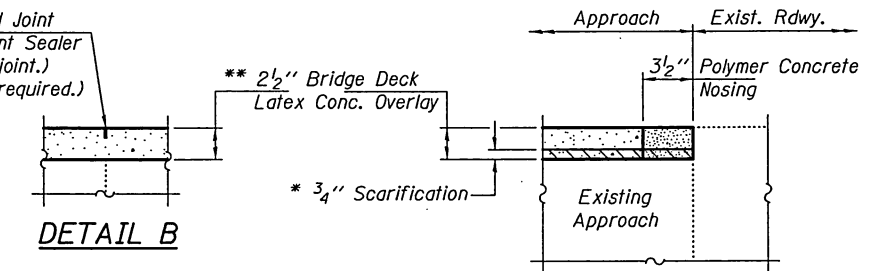


**PLAN**

Polymer Concrete Nosing, Typ., See Detail A

1/4" x 3/4" Formed Joint with Concrete Joint Sealer (Full width along joint.) (Backer Rod not required.)

**DETAIL B**

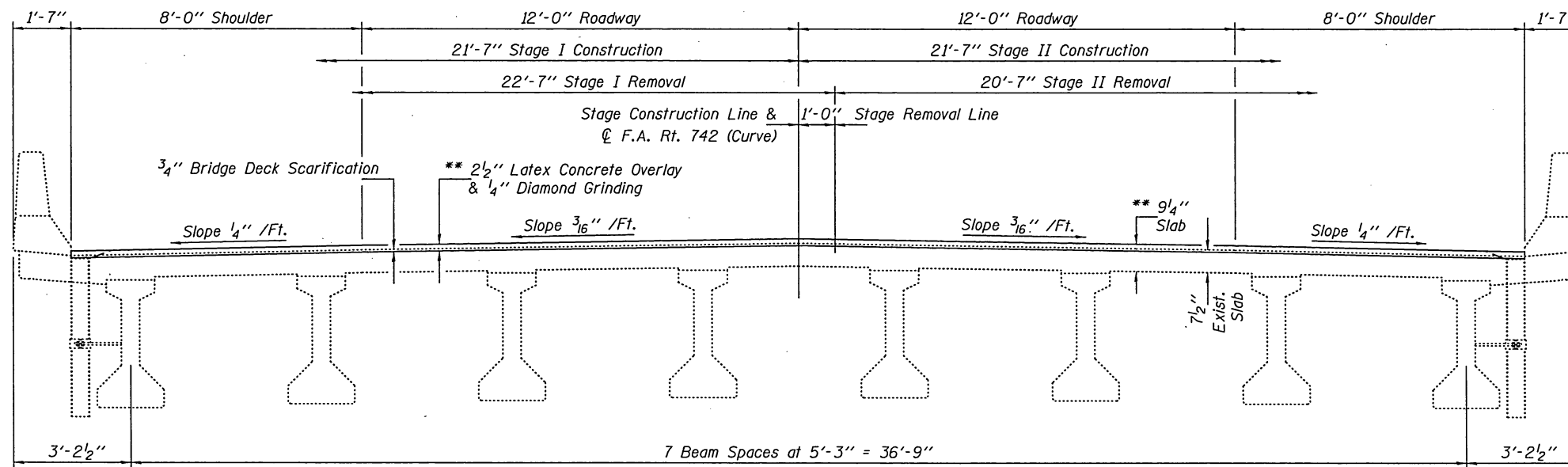
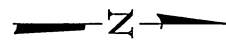


**DETAIL A**

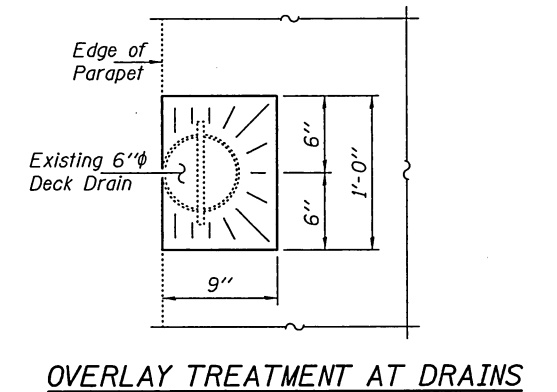
\* Cost of 3/4" Scarification included with Bridge Deck Scarification, 3/4".

\*\* Prior to 1/4" Diamond Grinding.

- Hatched areas indicate Bridge Deck Scarification, Bridge Deck Latex Concrete Overlay, Diamond Grinding, & Bridge Deck Grooving limits (driving lanes only).
- Cross Hatched areas indicate Scarification, Bridge Deck Latex Concrete Overlay, & Diamond Grinding limits.



**CROSS SECTION**  
(Looking North)



**OVERLAY TREATMENT AT DRAINS**



EXPIRES 11-30-2018

DESIGNED	EXAMINED	DATE
CHECKED	PASSED	DECEMBER 5, 2017
DRAWN		REVISOR
CHECKED		REVISOR

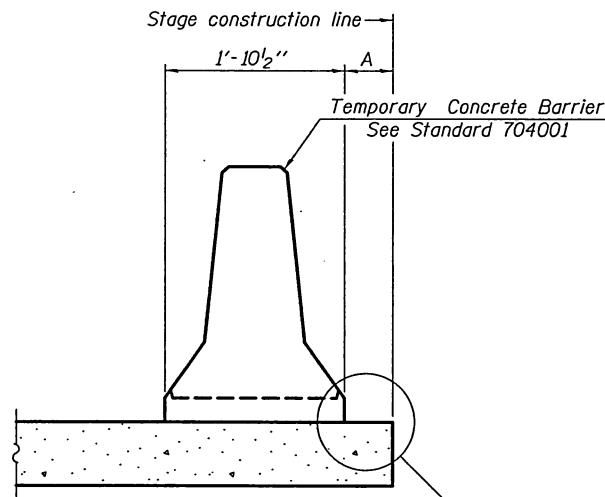
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN & ELEVATION  
IL. RT. 2 OVER GALE CREEK  
SN 071-0074

SHEET NO. 1 OF 2 SHEETS

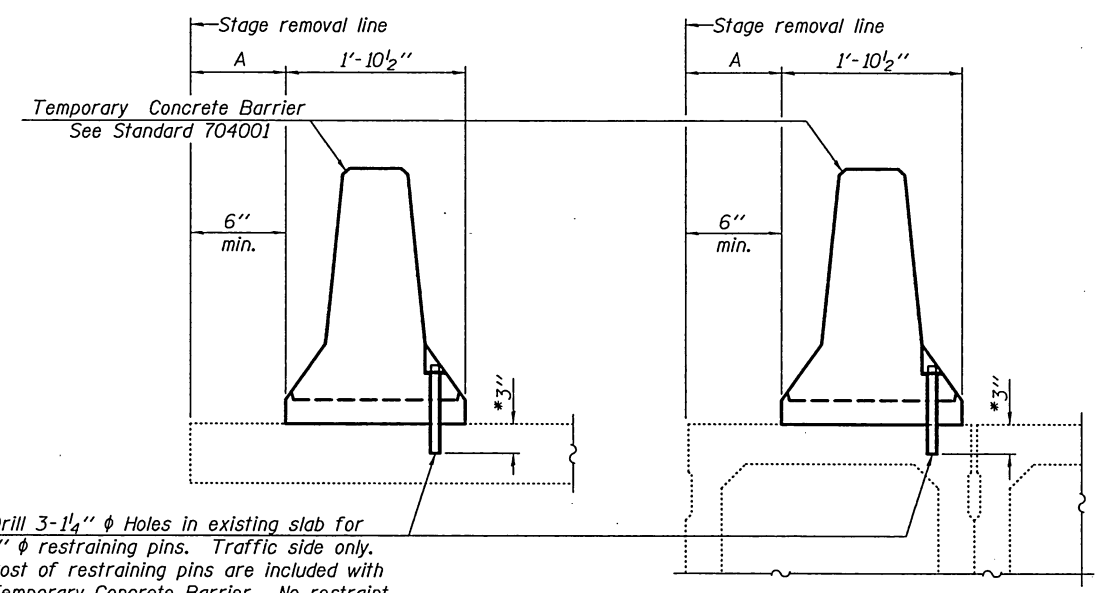
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-C	OGLE	135	79
			CONTRACT NO. 64K27	
ILLINOIS FED. AID PROJECT				





When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

**NEW SLAB OR NEW DECK BEAM**

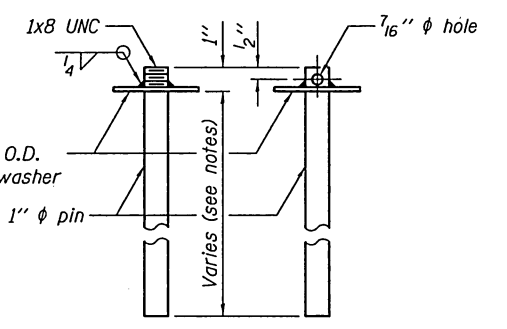


Drill 3-1/4"  $\phi$  Holes in existing slab for 1"  $\phi$  restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

**EXISTING SLAB**

**EXISTING DECK BEAM**

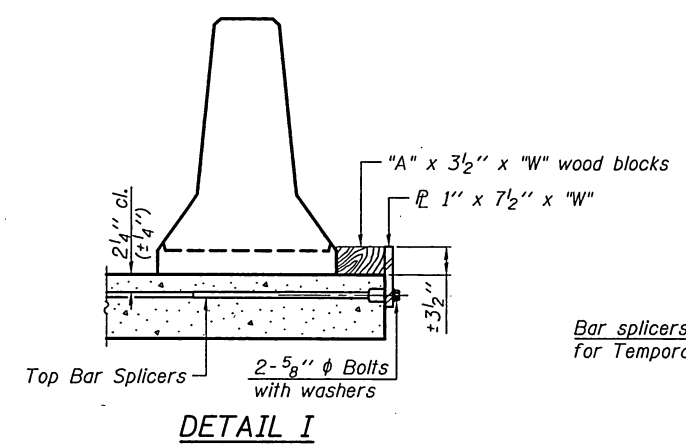
**SECTIONS THRU SLAB OR DECK BEAM**



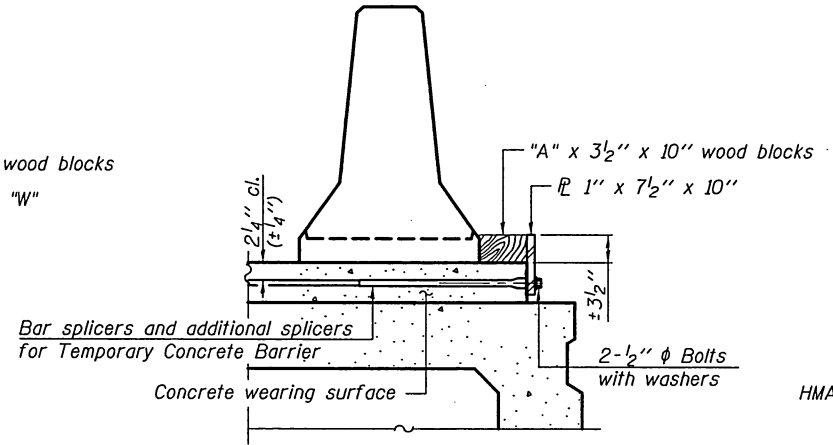
US Std. 1/16" I.D. x 2 1/2" O.D. x approx. 8 gauge thick washer

**RESTRAINING PIN**

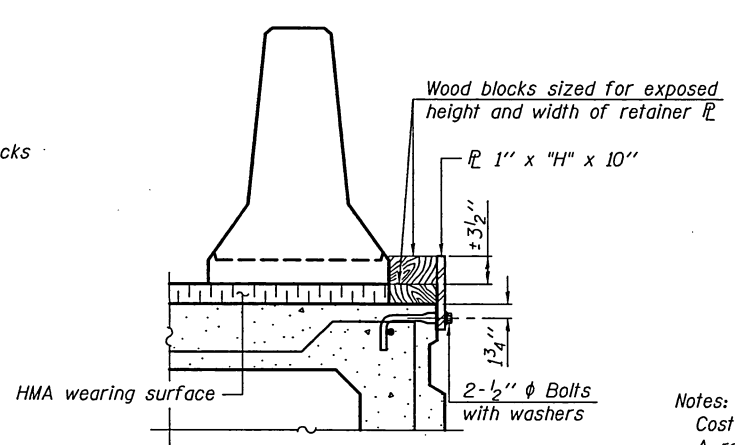
\* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.



**DETAIL I**



**DETAIL II**

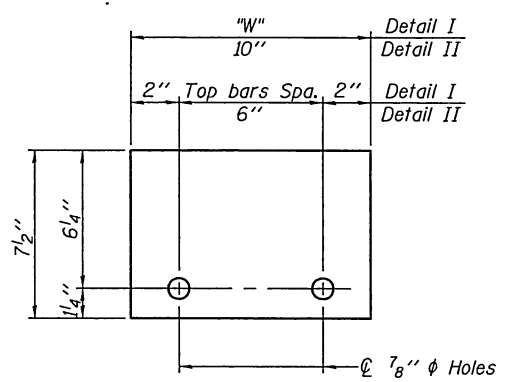


**DETAIL III**

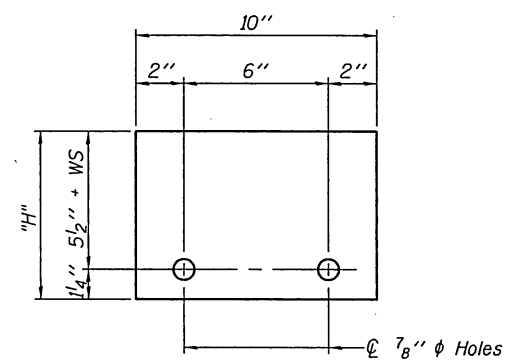
**BAR SPLICER FOR #4 BAR - DETAIL III**

**Notes:**  
 Cost of retainer assembly is included with Temporary Concrete Barrier.  
 A retainer assembly shall be located at the approximate  $\phi$  of each temporary concrete barrier.  
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.  
 When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

- Detail I - Installation for a new bridge deck or bridge slab.
- Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
- Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.



**STEEL RETAINER 1" x 7 1/2" x "W"**  
(Detail I and II)



**STEEL RETAINER 1" x "H" x 10"**  
(Detail III)

R-27

11-22-2016

DESIGNED JGY	EXAMINED <i>Timothy A. Anghel</i>	DATE DECEMBER 5, 2017	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION SN 071-0074</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED CCC	ENGINEER OF STRUCTURAL SERVICES				742	038.391RS-C	OGLE	135	80	
DRAWN J. Schneller	PASSED <i>Carl King</i>	REVISED			CONTRACT NO. 64K27					
CHECKED JGY CCC	ENGINEER OF BRIDGES AND STRUCTURES	REVISED			ILLINOIS FED. AID PROJECT					

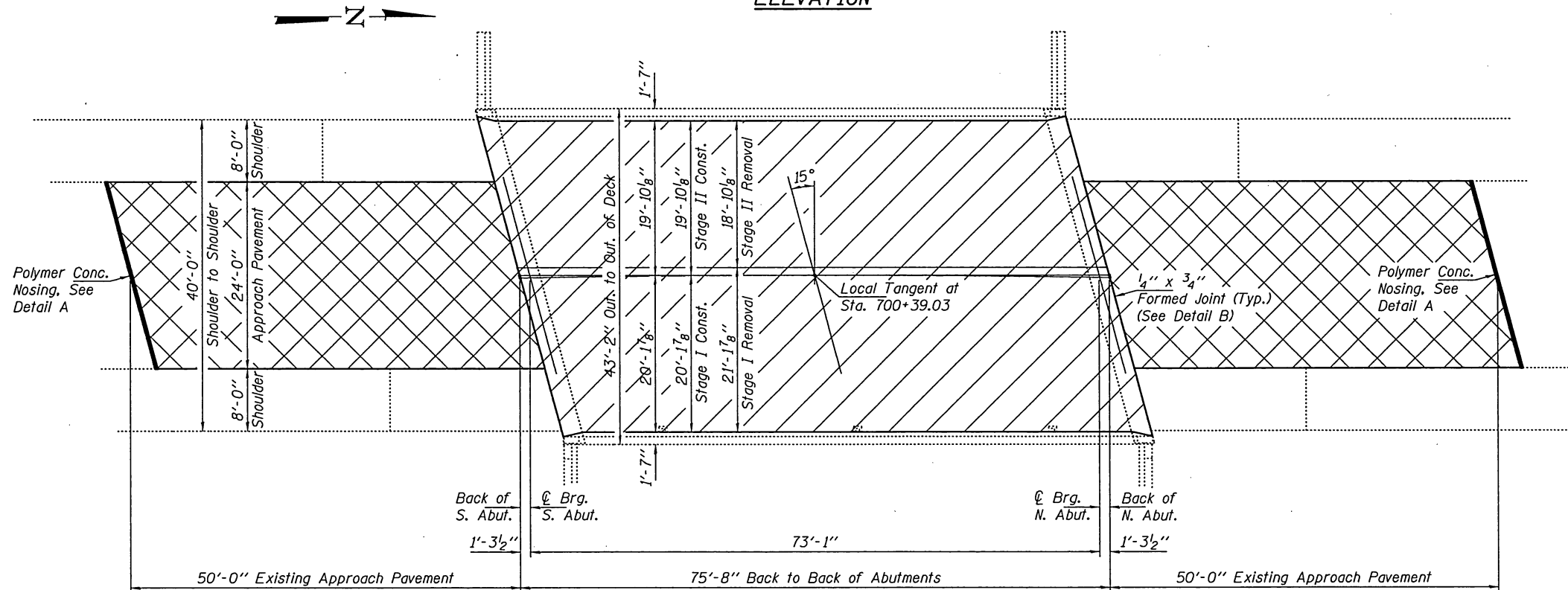
**GENERAL NOTES**

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Synthetic fibers shall be added to the microsilica concrete overlay. See Special Provisions.

**TOTAL BILL OF MATERIAL**

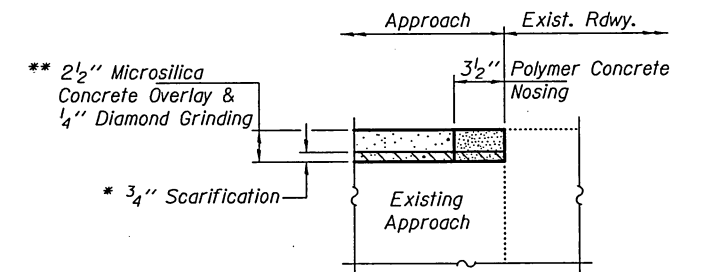
ITEM	UNIT	QUANTITY
Microsilica Concrete Overlay, 2 1/2"	Sq. Yd.	602.1
Bridge Deck Scarification, 3/4"	Sq. Yd.	602.1
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	201.3
Polymer Concrete	Cu. Ft.	1.8
Diamond Grinding	Sq. Yd.	602.1

**ELEVATION**



**PLAN**

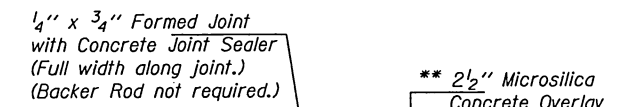
50'-0" Existing Approach Pavement | 75'-8" Back to Back of Abutments | 50'-0" Existing Approach Pavement



**DETAIL A**

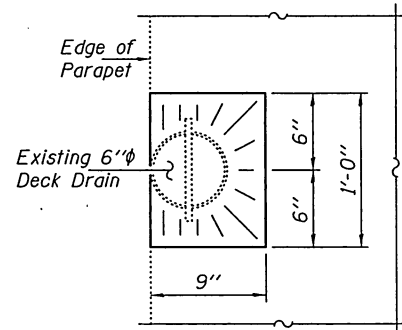
\* Cost of 3/4" Scarification included with Bridge Deck Scarification, 3/4".

\*\* Prior to 1/4" Diamond Grinding.

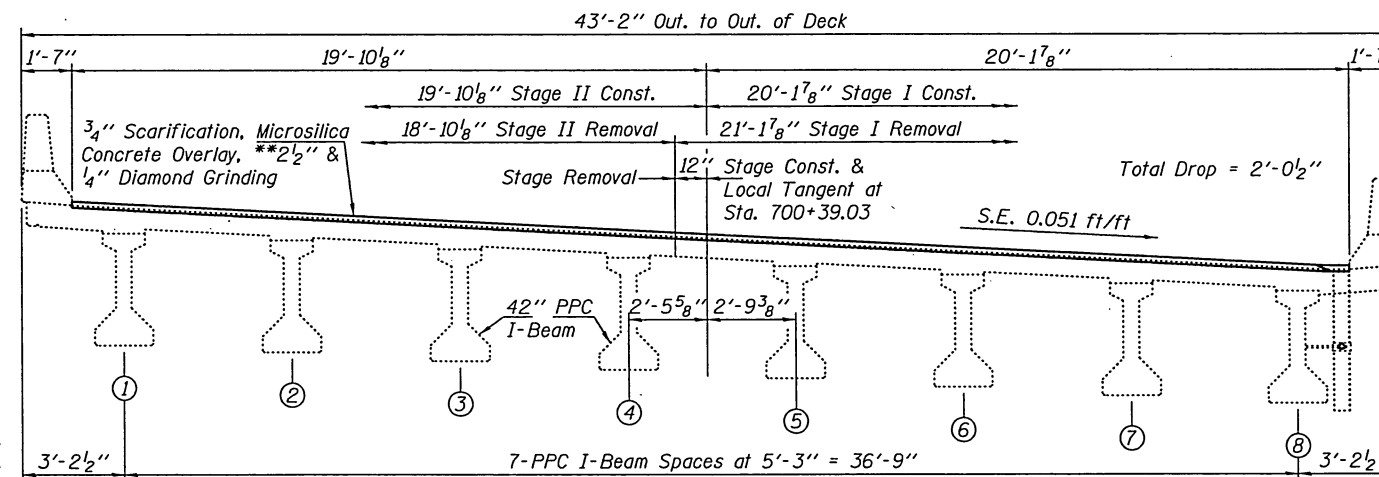


**DETAIL B**

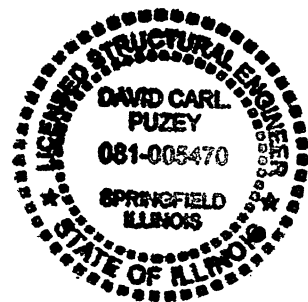
- Hatched areas indicate Bridge Deck Scarification, Microsilica Concrete Overlay, Diamond Grinding, & Bridge Deck Grooving limits (driving lanes only).
- Cross Hatched areas indicate Scarification, Microsilica Concrete Overlay, & Diamond Grinding limits.



**OVERLAY TREATMENT AT DRAINS**



**CROSS SECTION SHOWING STAGING**  
(Looking North)



Expires: November 30, 2018

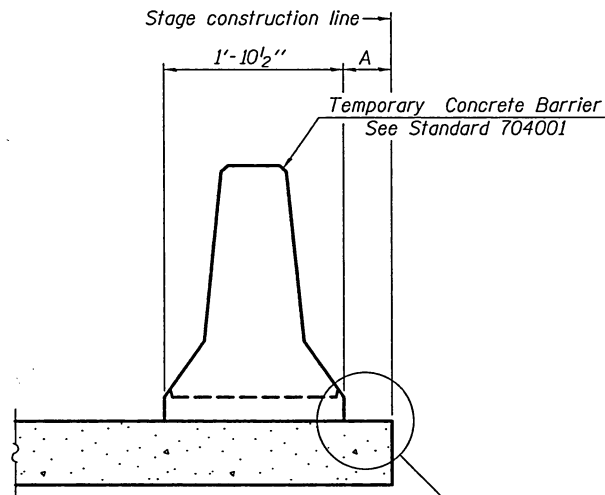
DESIGNED - [Signature]	EXAMINED - [Signature]	DATE - DECEMBER 5, 2017
CHECKED - [Signature]	PASSED - [Signature]	REVISOR
DRAWN - [Signature]		REVISOR
CHECKED - [Signature]		

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION**  
**ILLINOIS ROUTE 2 OVER GALE CREEK**  
**SN 071-0075**

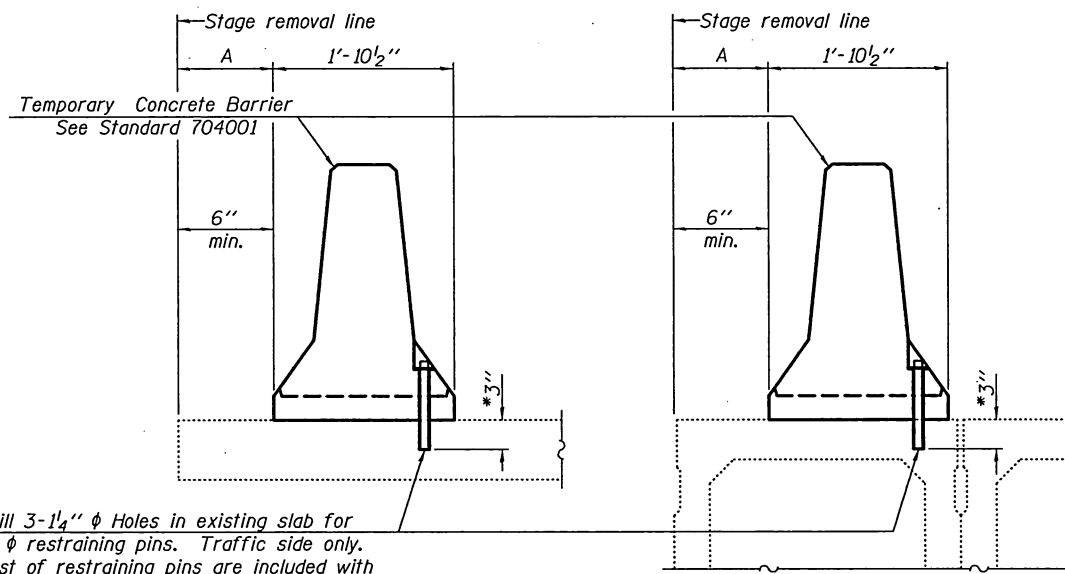
SHEET NO. 1 OF 2 SHEETS

F.A. RTE. 742	SECTION (38,39)RS-C	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 81
				CONTRACT NO. 64K27
ILLINOIS FED. AID PROJECT				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

**NEW SLAB OR NEW DECK BEAM**

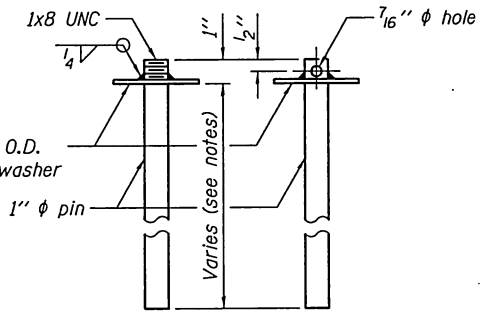


Drill 3-1/4"  $\phi$  Holes in existing slab for 1"  $\phi$  restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

**EXISTING SLAB**

**EXISTING DECK BEAM**

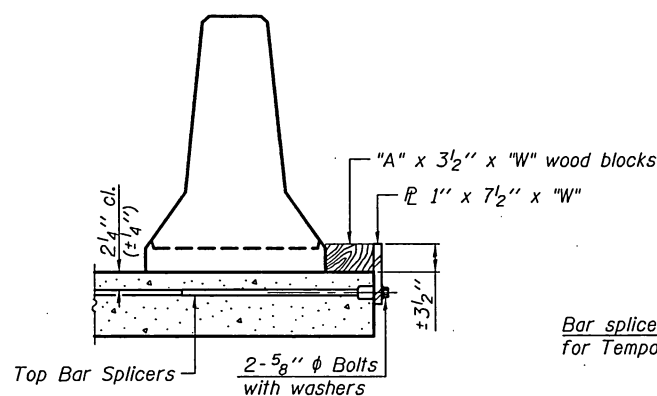
**SECTIONS THRU SLAB OR DECK BEAM**



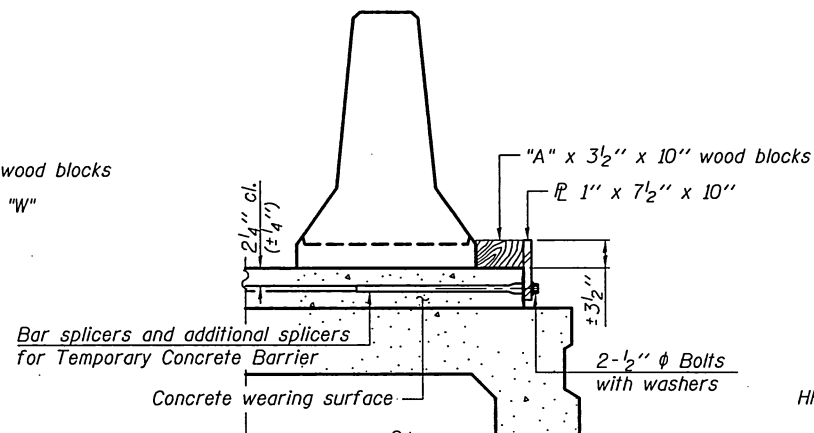
US Std. 1/16" I.D. x 2 1/2" O.D. x approx. 8 gauge thick washer

**RESTRAINING PIN**

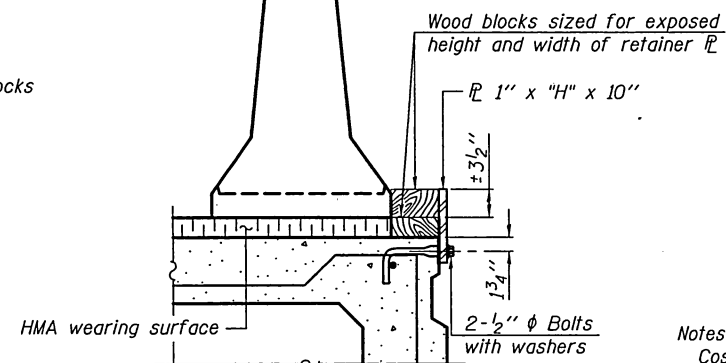
\* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.



**DETAIL I**



**DETAIL II**



**DETAIL III**

**BAR SPLICER FOR #4 BAR - DETAIL III**

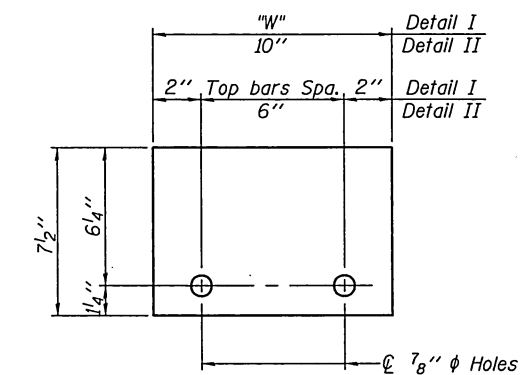
**Notes:**

- Cost of retainer assembly is included with Temporary Concrete Barrier. A retainer assembly shall be located at the approximate  $\phi$  of each temporary concrete barrier.
- The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
- When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate.
- For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

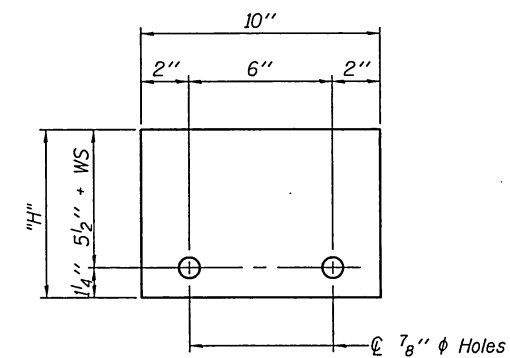
Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.



**STEEL RETAINER 1" x 7 1/2" x "W"**

(Detail I and II)



**STEEL RETAINER 1" x "H" x 10"**

(Detail III)

R-27

11-22-2016

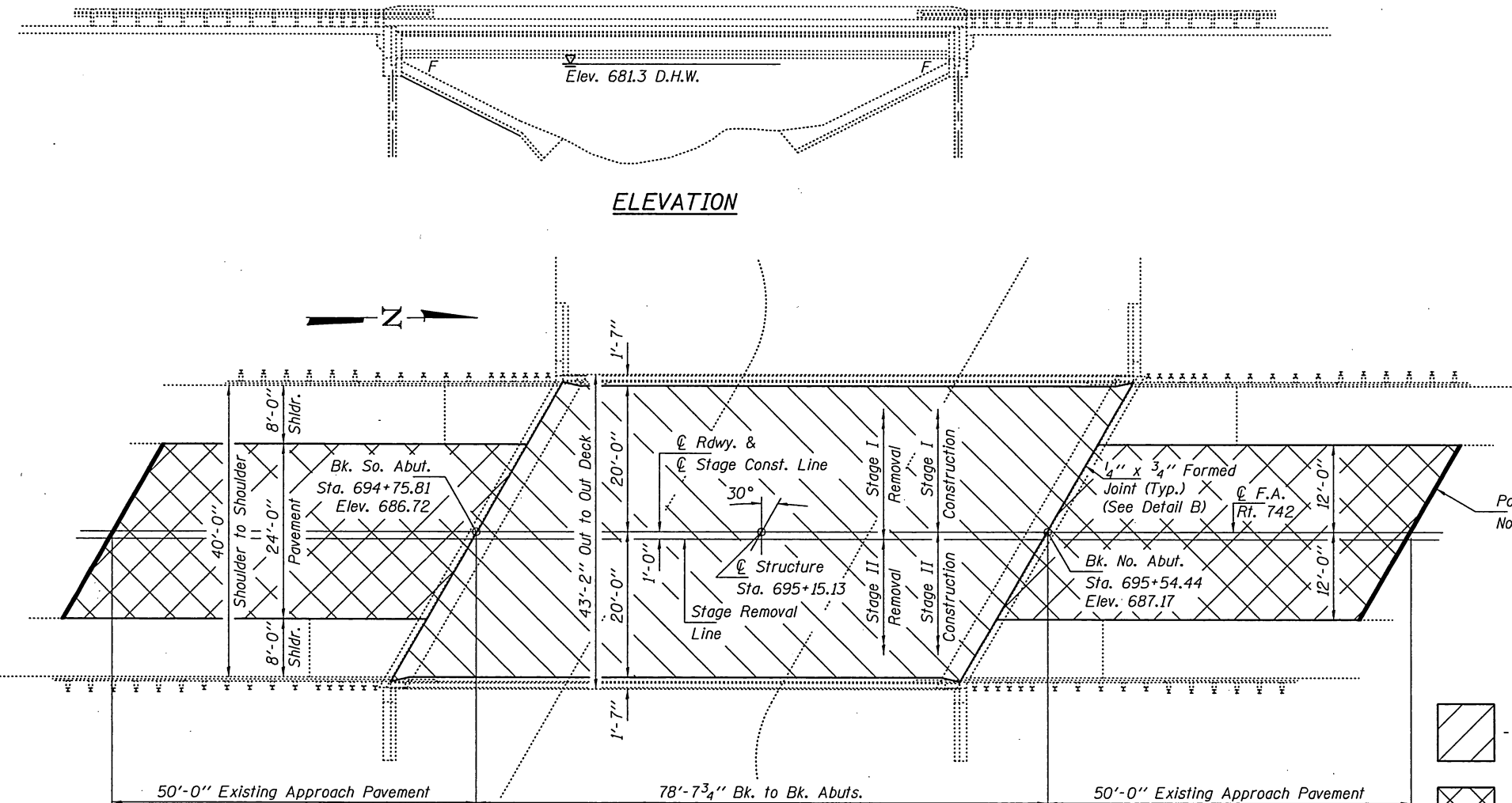
DESIGNED - JGY	EXAMINED - <i>Timothy A. ...</i>	DATE - DECEMBER 5, 2017	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION SN 071-0075</b>	F.A. RTE. 742	SECTION (38,39)RS-C	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 82	
CHECKED - CCC	PASSED - <i>Carl ...</i>	REVISIONS			CONTRACT NO. 64K27					
DRAWN - Kyle M. Steffen	ENGINEER OF BRIDGES AND STRUCTURES	REVISIONS			SHEET NO. 2 OF 2 SHEETS					
CHECKED - JGY CCC	ENGINEER OF BRIDGES AND STRUCTURES	REVISIONS			ILLINOIS FED. AID PROJECT					

**GENERAL NOTES**

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Synthetic fibers shall be added to the bridge deck latex concrete overlay. See Special Provisions.

**TOTAL BILL OF MATERIAL**

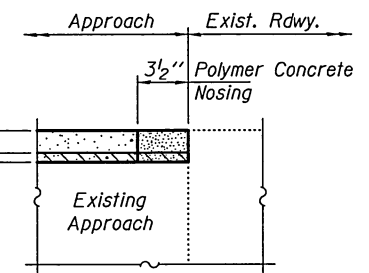
ITEM	UNIT	QUANTITY
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	615.2
Bridge Deck Scarification, 3/4"	Sq. Yd.	615.2
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	209.1
Polymer Concrete	Cu. Ft.	2.0
Diamond Grinding	Sq. Yd.	615.2



**ELEVATION**

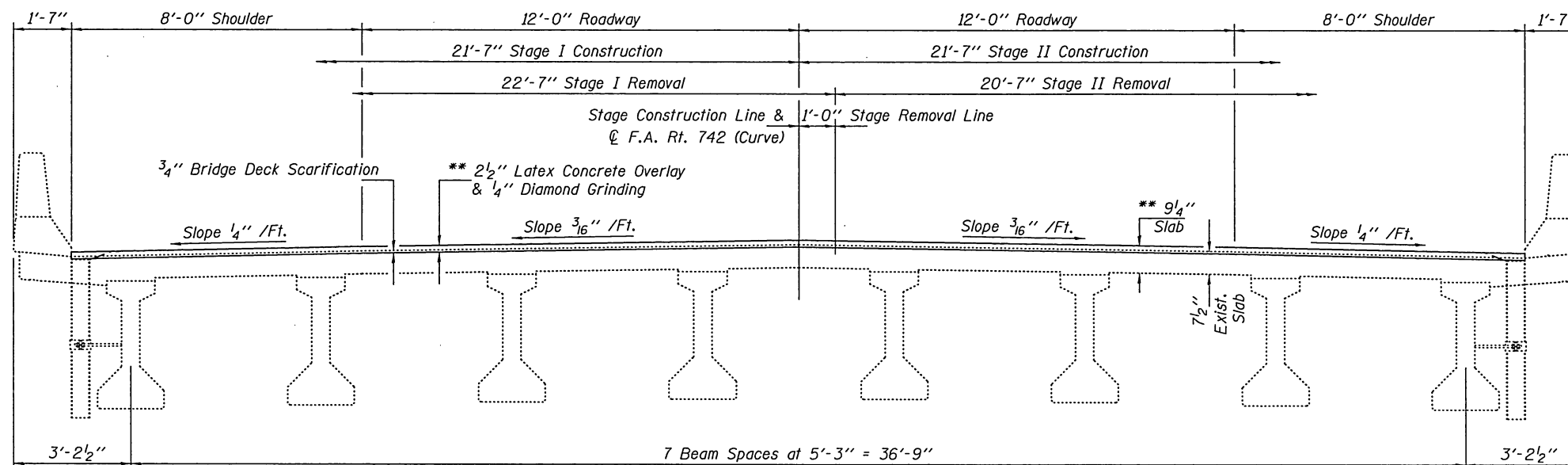
**PLAN**

- Hatched areas indicate Bridge Deck Scarification, Bridge Deck Latex Concrete Overlay, Diamond Grinding, & Bridge Deck Grooving limits (driving lanes only).
- Cross Hatched areas indicate Scarification, Bridge Deck Latex Concrete Overlay, & Diamond Grinding limits.

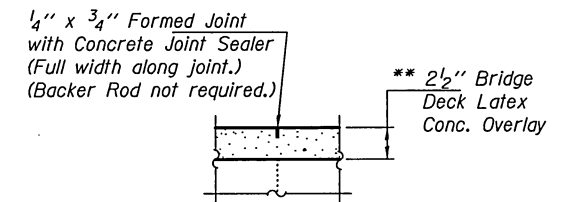


**DETAIL A**

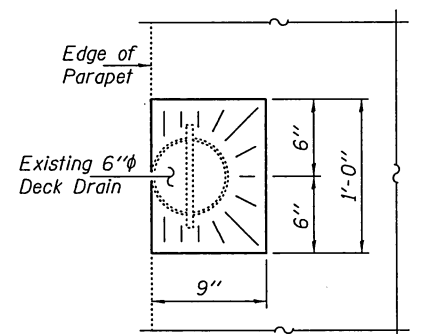
- \* Cost of 3/4" Scarification included with Bridge Deck Scarification, 3/4".
- \*\* Prior to 1/4" Diamond Grinding.



**CROSS SECTION**  
(Looking North)



**DETAIL B**



**OVERLAY TREATMENT AT DRAINS**



EXPIRES 11/30/2018

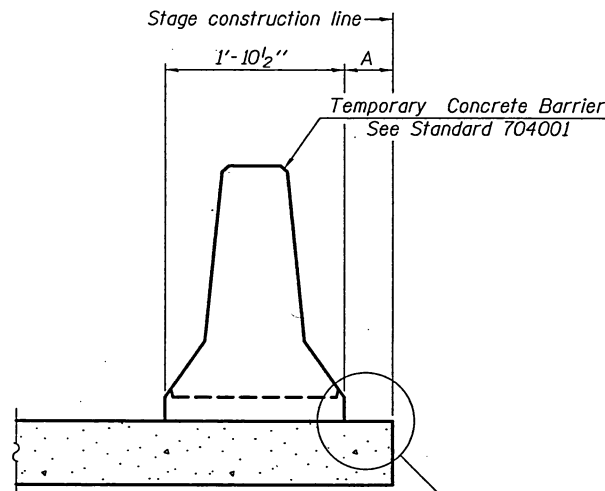
DESIGNED	EXAMINED	DATE
CHECKED	PASSED	DECEMBER 5, 2017
DRAWN		REVISED
CHECKED		REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN & ELEVATION  
IL. RT. 2 OVER GALE CREEK  
SN 071-0076

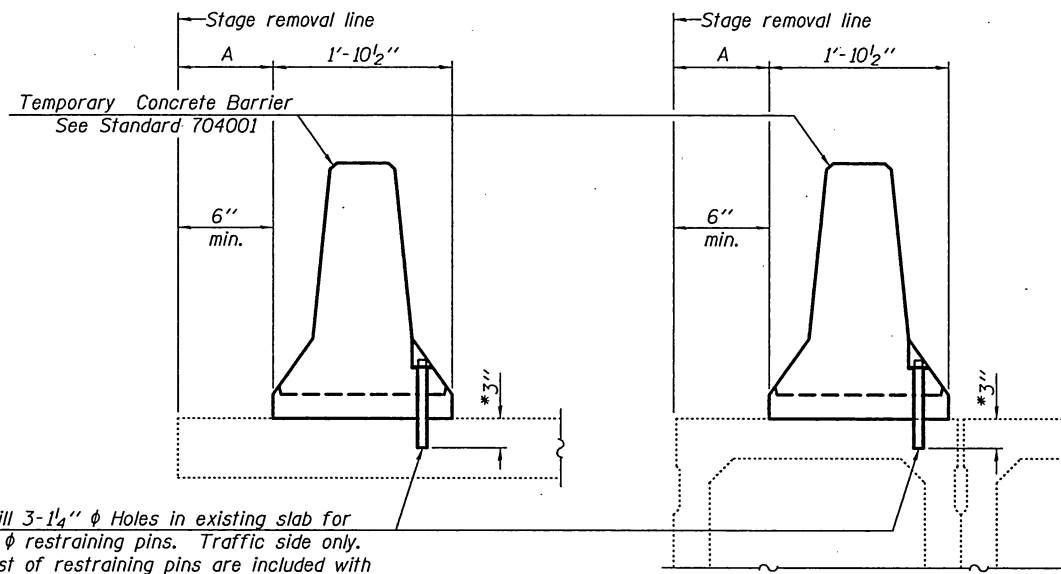
SHEET NO. 1 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-C	OGLE	135	83
			CONTRACT NO. 64K27	
ILLINOIS FED. AID PROJECT				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

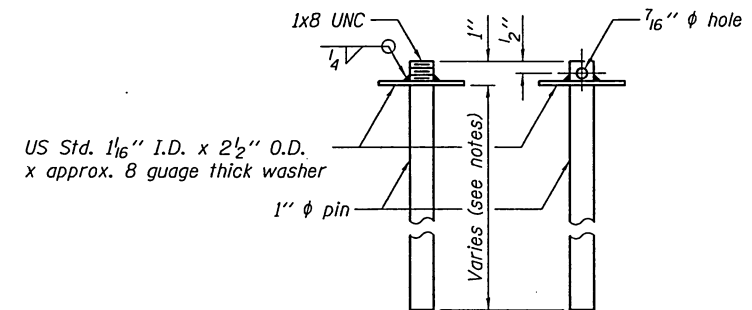
**NEW SLAB OR NEW DECK BEAM**



Drill 3-1/4"  $\phi$  Holes in existing slab for 1"  $\phi$  restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

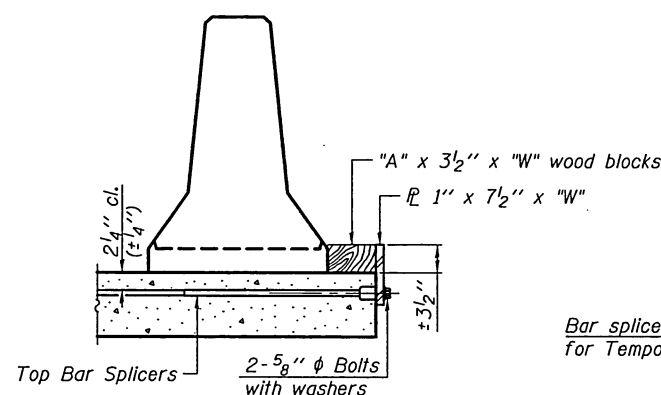
**EXISTING SLAB**

**EXISTING DECK BEAM**

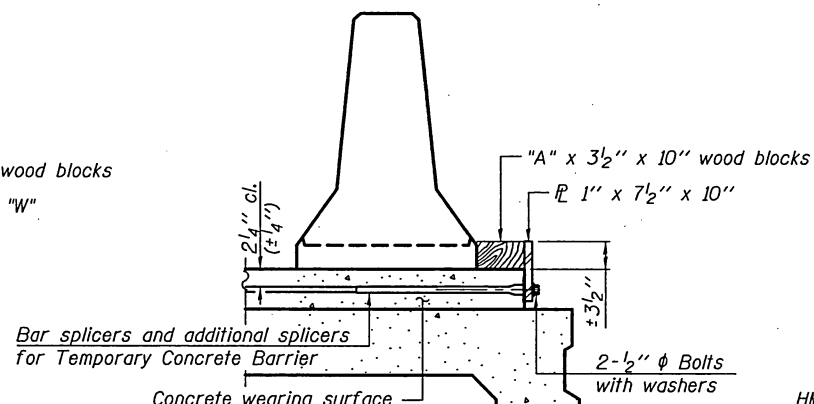


**RESTRAINING PIN**

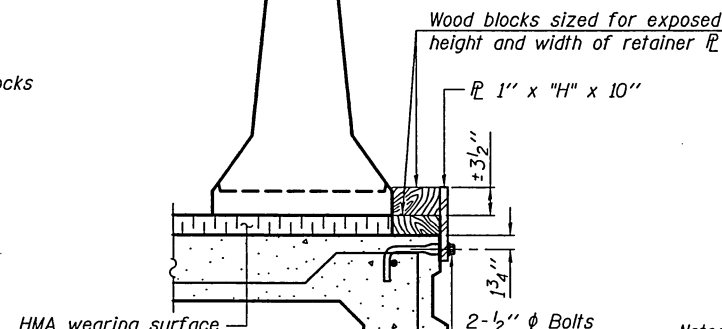
**SECTIONS THRU SLAB OR DECK BEAM**



**DETAIL I**

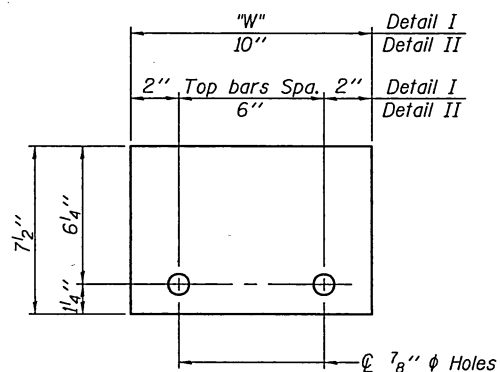


**DETAIL II**

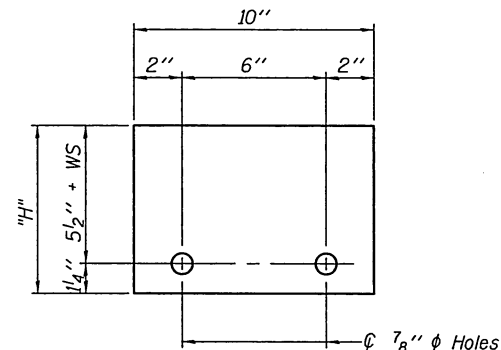


**DETAIL III**

**BAR SPLICER FOR #4 BAR - DETAIL III**



**STEEL RETAINER 1" x 7 1/2" x "W"**  
(Detail I and II)



**STEEL RETAINER 1" x "H" x 10"**  
(Detail III)

**Notes:**  
 Cost of retainer assembly is included with Temporary Concrete Barrier.  
 A retainer assembly shall be located at the approximate  $\phi$  of each temporary concrete barrier.  
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.  
 When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

**Detail I** - Installation for a new bridge deck or bridge slab.  
**Detail II** - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.  
**Detail III** - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

R-27

11-22-2016

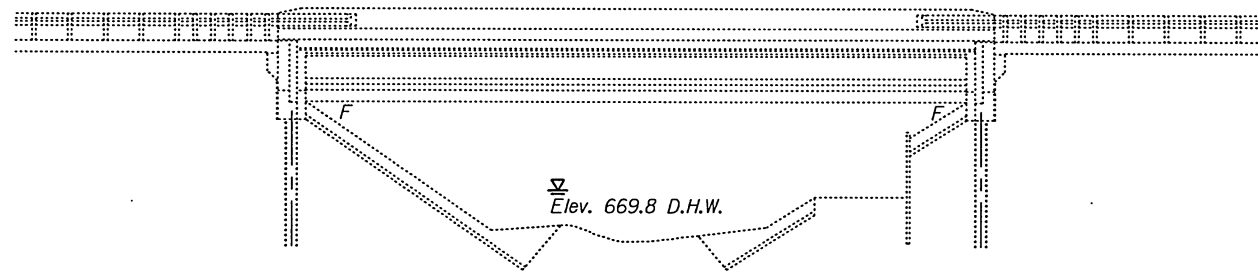
DESIGNED JGY	EXAMINED	DATE DECEMBER 5, 2017
CHECKED CCC	PASSED	REVISOR
DRAWN J. Schneller		REVISOR
CHECKED JGY CCC		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

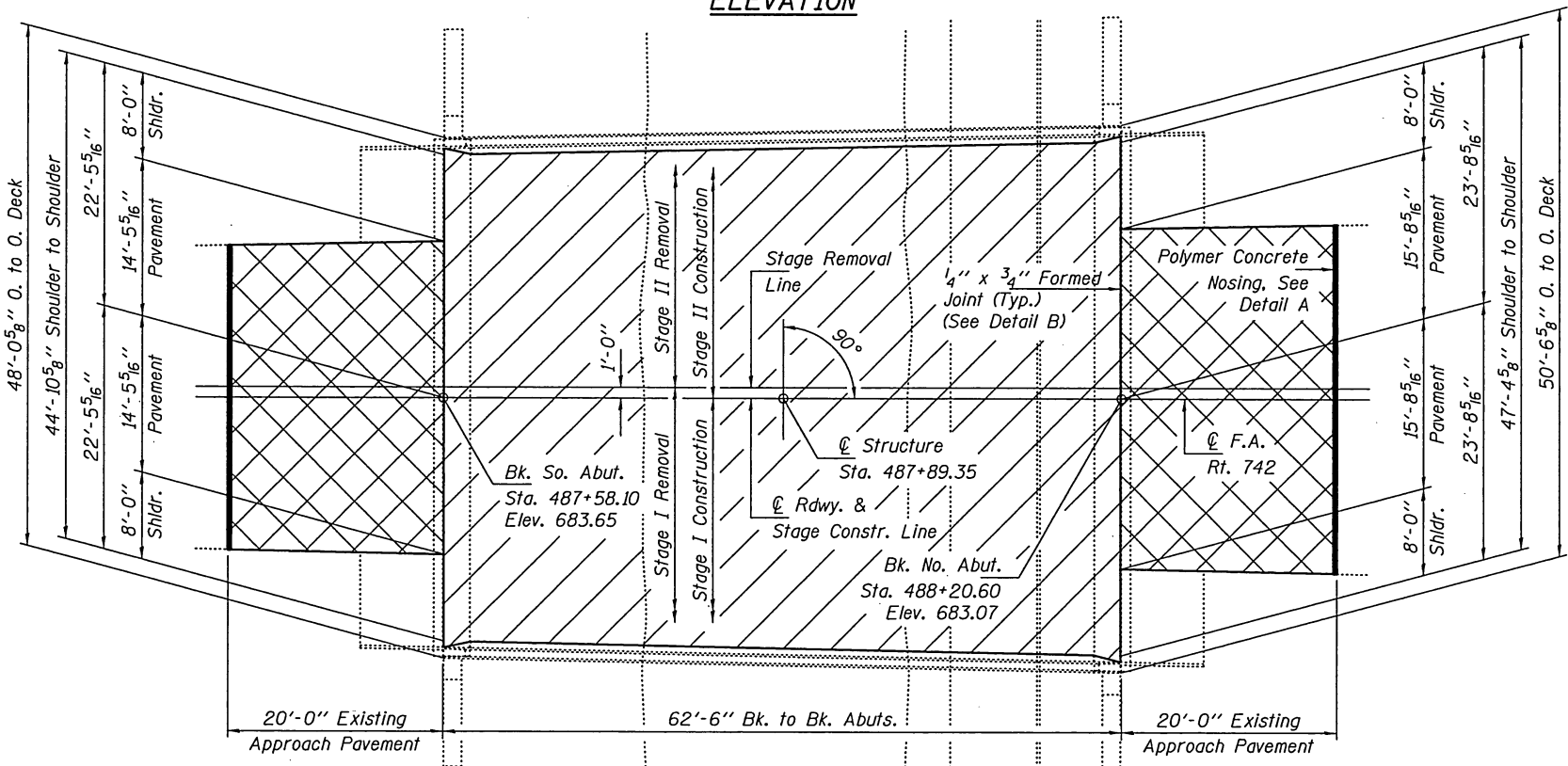
TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION  
SN 071-0076

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	G8,39RS-C	OGLE	135	84
CONTRACT NO. 64K27				
ILLINOIS FED. AID PROJECT				

SHEET NO. 2 OF 2 SHEETS



ELEVATION



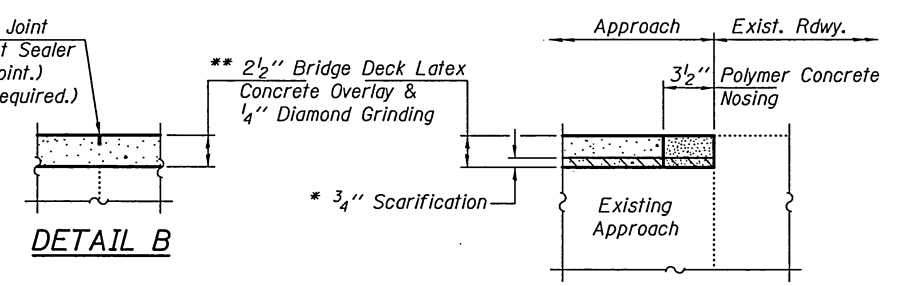
PLAN

**GENERAL NOTES**  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Synthetic fibers shall be added to the bridge deck latex concrete overlay. See Special Provisions.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	453.5
Bridge Deck Scarification, 3/4"	Sq. Yd.	453.5
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	208.7
Polymer Concrete	Cu. Ft.	1.8
Diamond Grinding	Sq. Yd.	453.5

1/4" x 3/4" Formed Joint with Concrete Joint Sealer (Full width along joint.) (Backer Rod not required.)

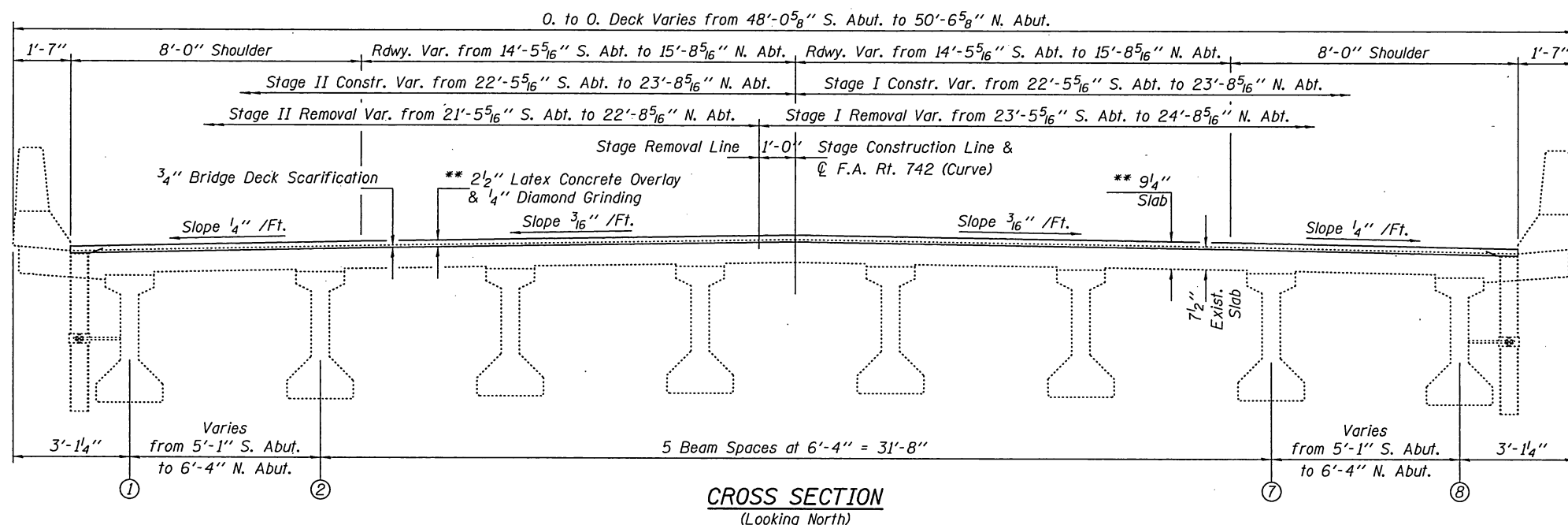


DETAIL B

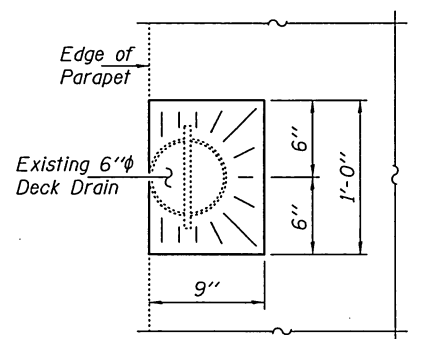
DETAIL A

- Hatched areas indicate Bridge Deck Scarification, Bridge Deck Latex Concrete Overlay, Diamond Grinding, & Bridge Deck Grooving limits (driving lanes only).
- Cross Hatched areas indicate Scarification, Bridge Deck Latex Concrete Overlay, & Diamond Grinding limits.

\* Cost of 3/4" Scarification included with Bridge Deck Scarification, 3/4".  
 \*\* Prior to 1/4" Diamond Grinding.

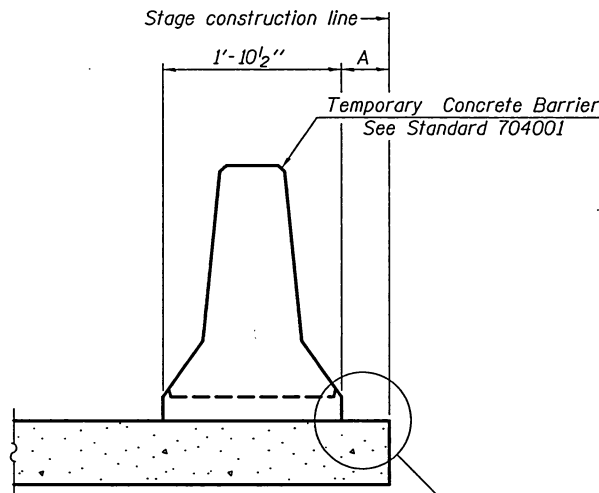


CROSS SECTION (Looking North)



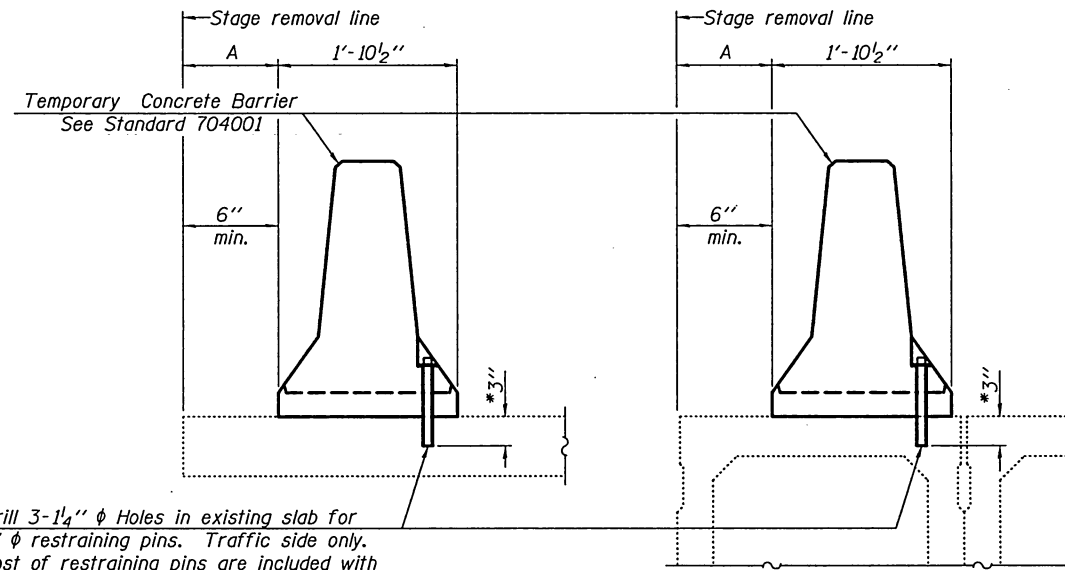
OVERLAY TREATMENT AT DRAINS





When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

**NEW SLAB OR NEW DECK BEAM**



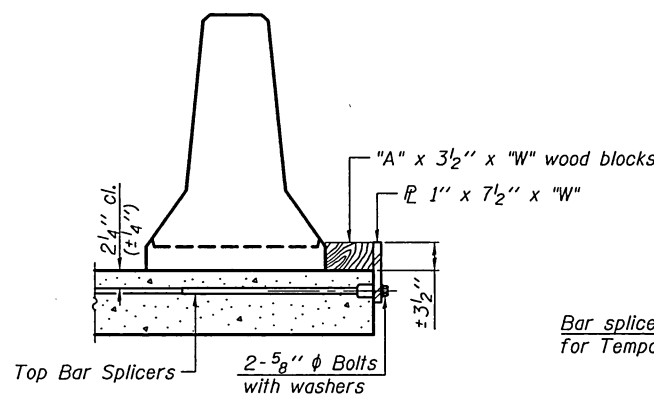
Drill 3-1/4"  $\phi$  Holes in existing slab for 1"  $\phi$  restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

**EXISTING SLAB**

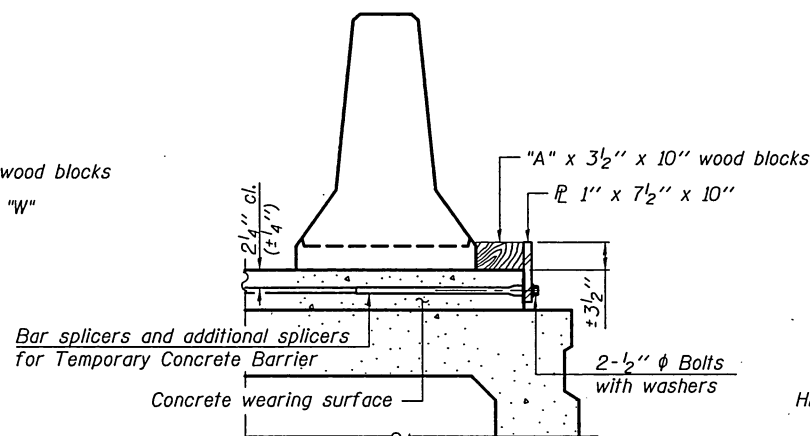
**EXISTING DECK BEAM**

\* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

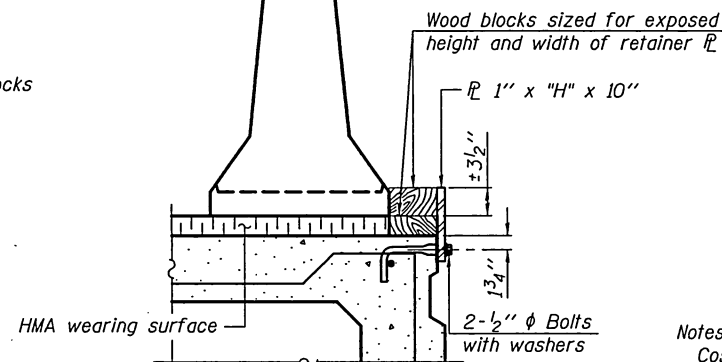
**SECTIONS THRU SLAB OR DECK BEAM**



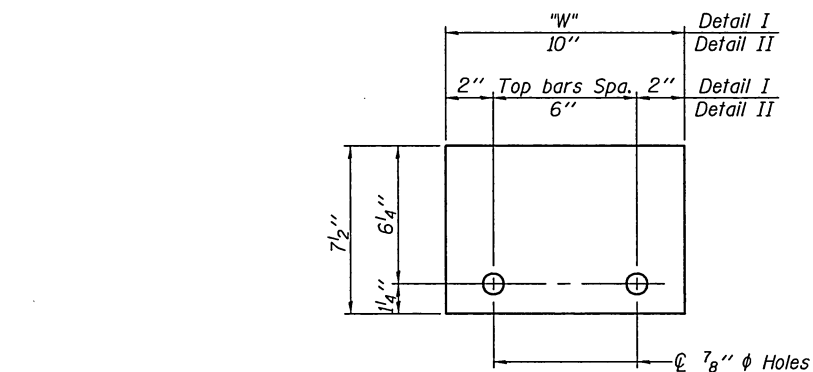
**DETAIL I**



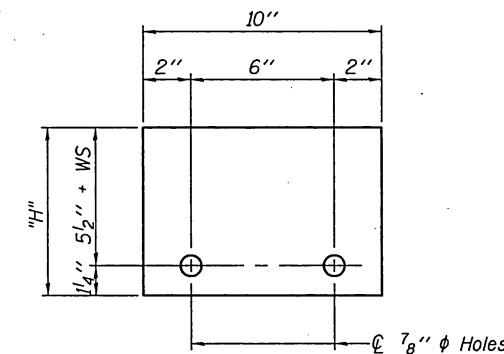
**DETAIL II**



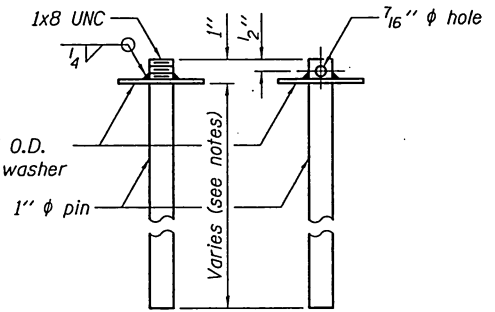
**DETAIL III**



**STEEL RETAINER 1" x 7 1/2" x "W"**  
(Detail I and II)



**STEEL RETAINER 1" x "H" x 10"**  
(Detail III)



**RESTRAINING PIN**

**BAR SPLICER FOR #4 BAR - DETAIL III**

**Notes:**

- Cost of retainer assembly is included with Temporary Concrete Barrier.
- A retainer assembly shall be located at the approximate  $\phi$  of each temporary concrete barrier.
- The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
- When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

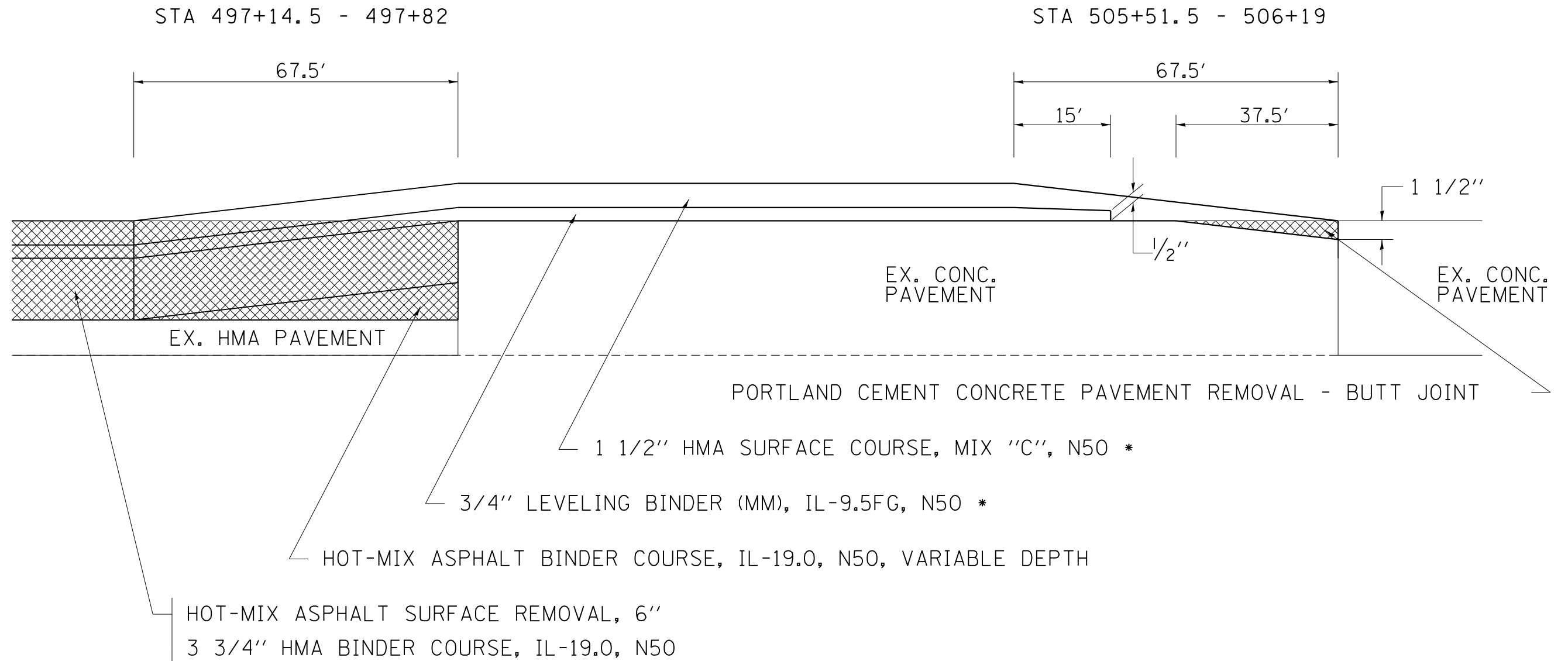
- Detail I** - Installation for a new bridge deck or bridge slab.
- Detail II** - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
- Detail III** - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

R-27

11-22-2016

DESIGNED JGY	EXAMINED	DATE DECEMBER 5, 2017	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION SN 071-0081	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED CCC	PASSED	REVISOR			742	038,391RS-C	OGLE	135	86
DRAWN J. Schneller	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR			CONTRACT NO. 64K27				
CHECKED JGY CCC	ENGINEER OF STRUCTURAL SERVICES	REVISOR			ILLINOIS FED. AID PROJECT				

# BUTT JOINT DETAIL



**NOTES:**

\* HMA UNIT WEIGHT: 112 LB/SY/IN

REMOVAL

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PATCHING &amp; RESURFACING DETAILS</b>	F.A.P. RTE. 742	SECTION (38,39) RS-6	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 87
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	PLOT DATE = Oct-11-2017 09:33:55 AM	DATE -	REVISED -							
ILLINOIS FED. AID PROJECT CONTRACT NO. 64K27										

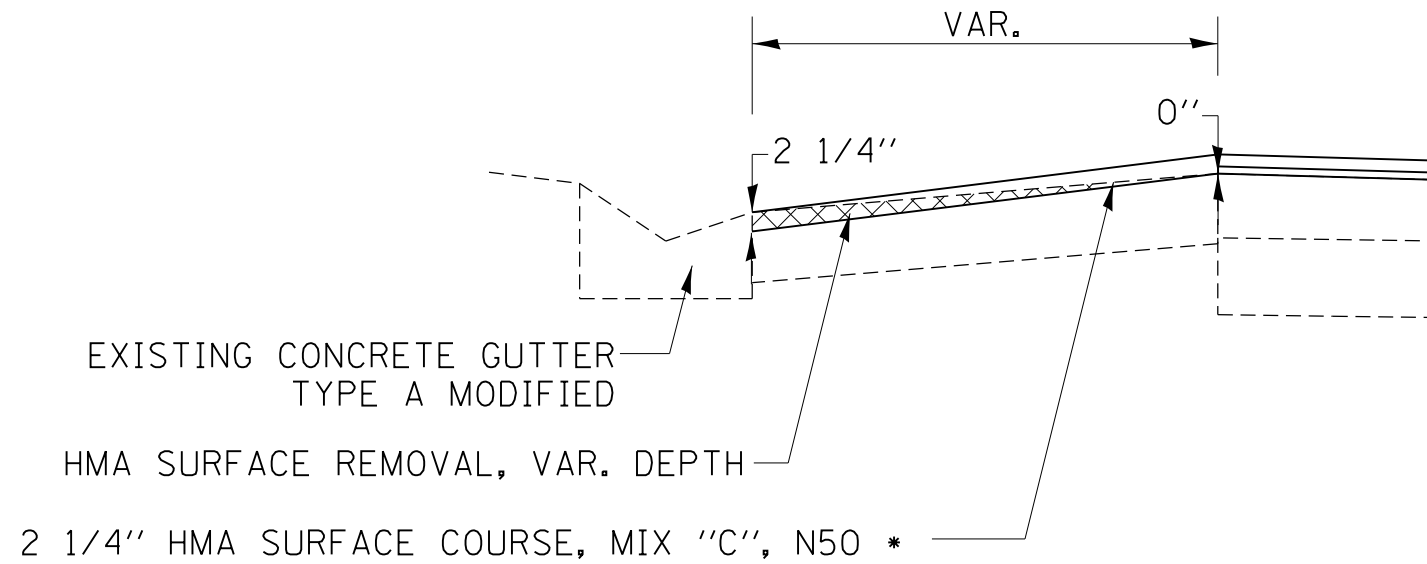




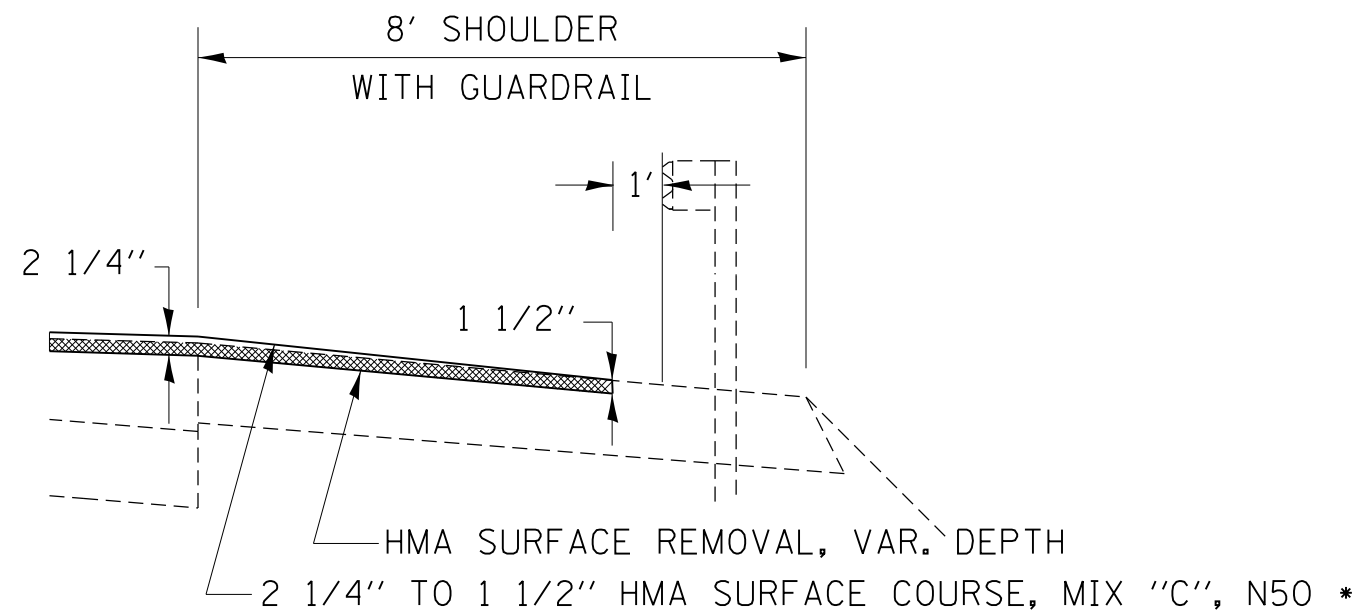
# DETOUR ROUTE

## PINES RD SHOULDER DETAIL

### TYPICAL MILLING AT GUTTER AREAS



### TYPICAL MILLING AT GUARDRAIL AREAS

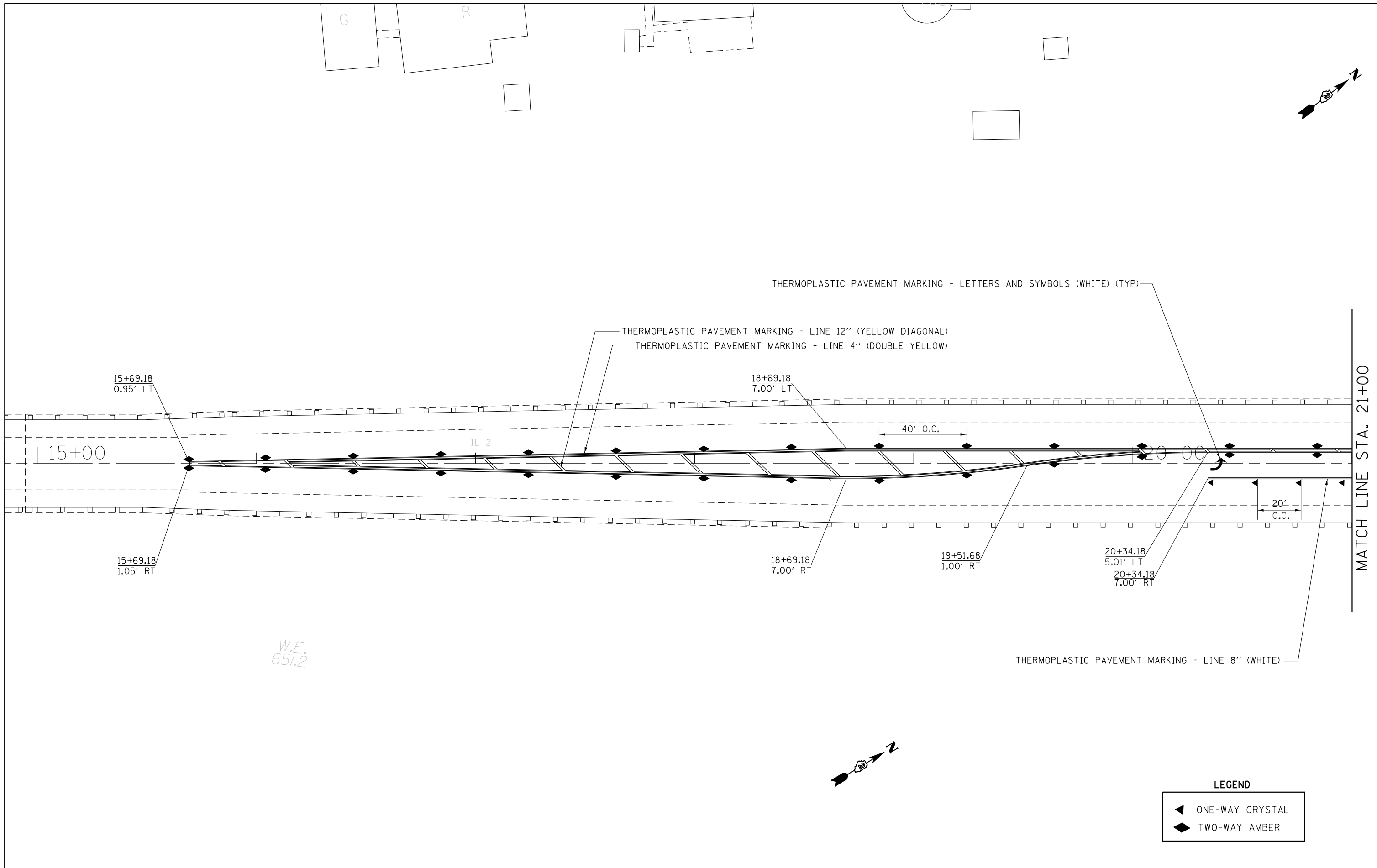


REMOVAL

**NOTES:**

\* HMA UNIT WEIGHT: 112 LB/SY/IN

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PATCHING &amp; RESURFACING DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = Oct-11-2017 09:34:25 AM	DATE -	REVISED -											
											CONTRACT NO. 64K27		ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -
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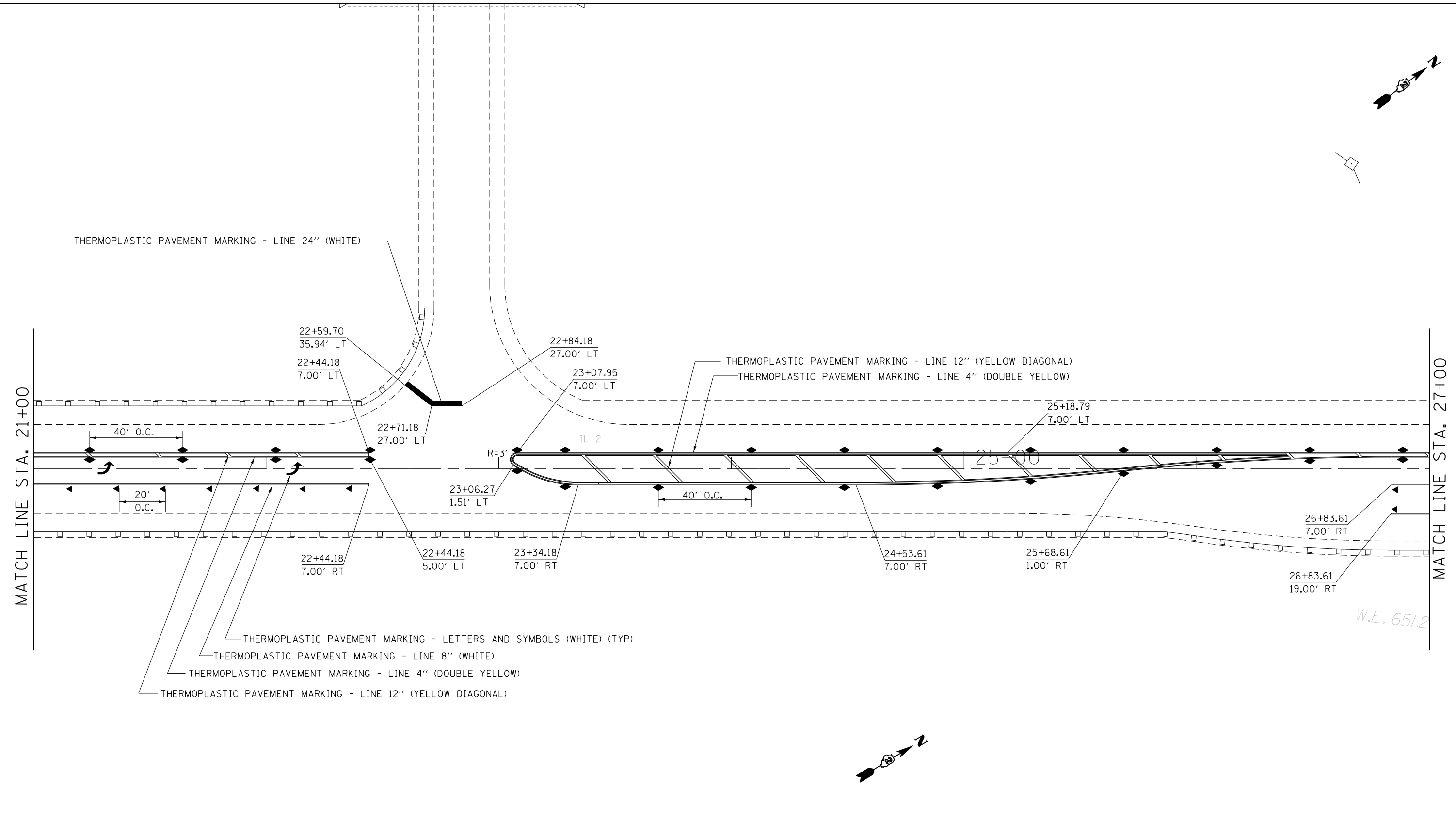
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	90
ILLINOIS FED. AID PROJECT				CONTRACT NO. 64K27

**LEGEND**

◀	ONE-WAY CRYSTAL
◆	TWO-WAY AMBER

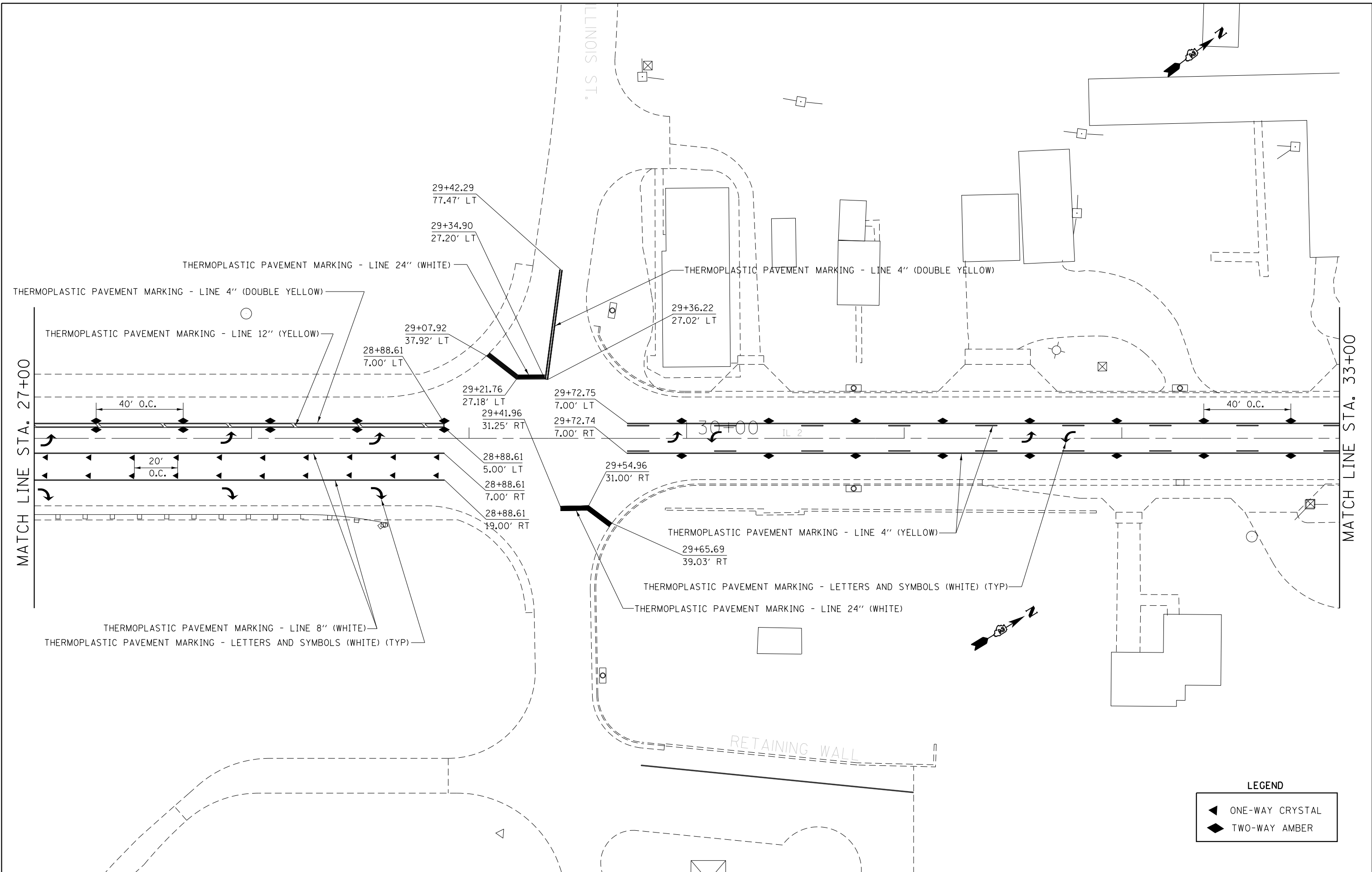


W.E. 651.2

**LEGEND**

◀	ONE-WAY CRYSTAL
◆	TWO-WAY AMBER

FILE NAME = p:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2020\DRAWING\AD\Drawings\204714-shr-pmk.dgn	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40:0.0000 ' / in.	CHECKED -	REVISED -						742	(38,39)RS-6	OGLE	135	91
Default	PLOT DATE = Oct-11-2017 10:24:07 AM	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 64K27		

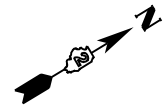
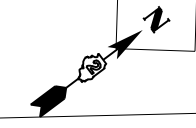


MATCH LINE STA. 27+00

MATCH LINE STA. 33+00

ILLINOIS ST.

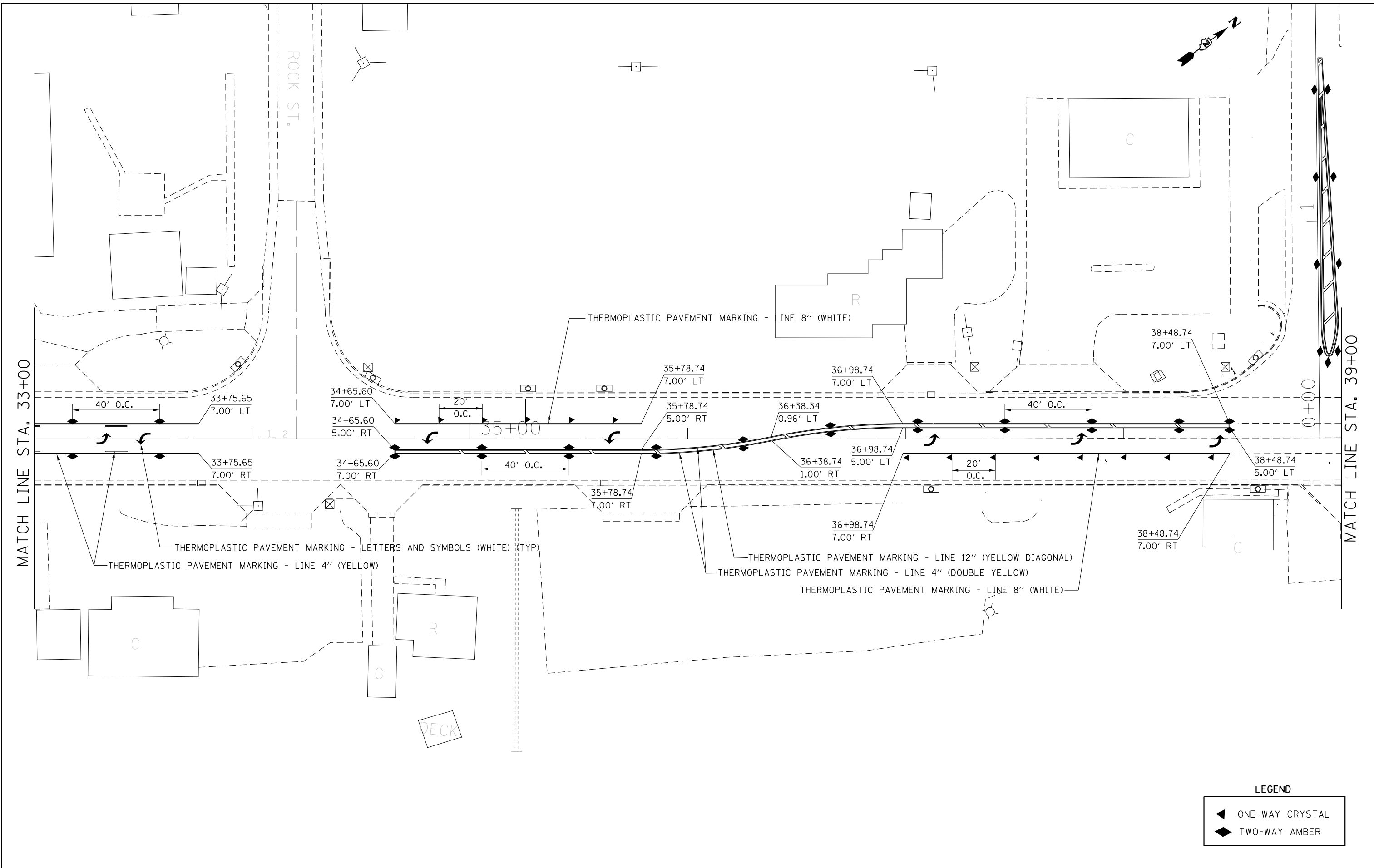
RETAINING WALL



**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = bates-l	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40:0.0000' / in.	DATE -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 64K27				
	PLOT DATE = Oct-11-2017 10:24:21 AM		REVISED -		ILLINOIS FED. AID PROJECT								



**LEGEND**

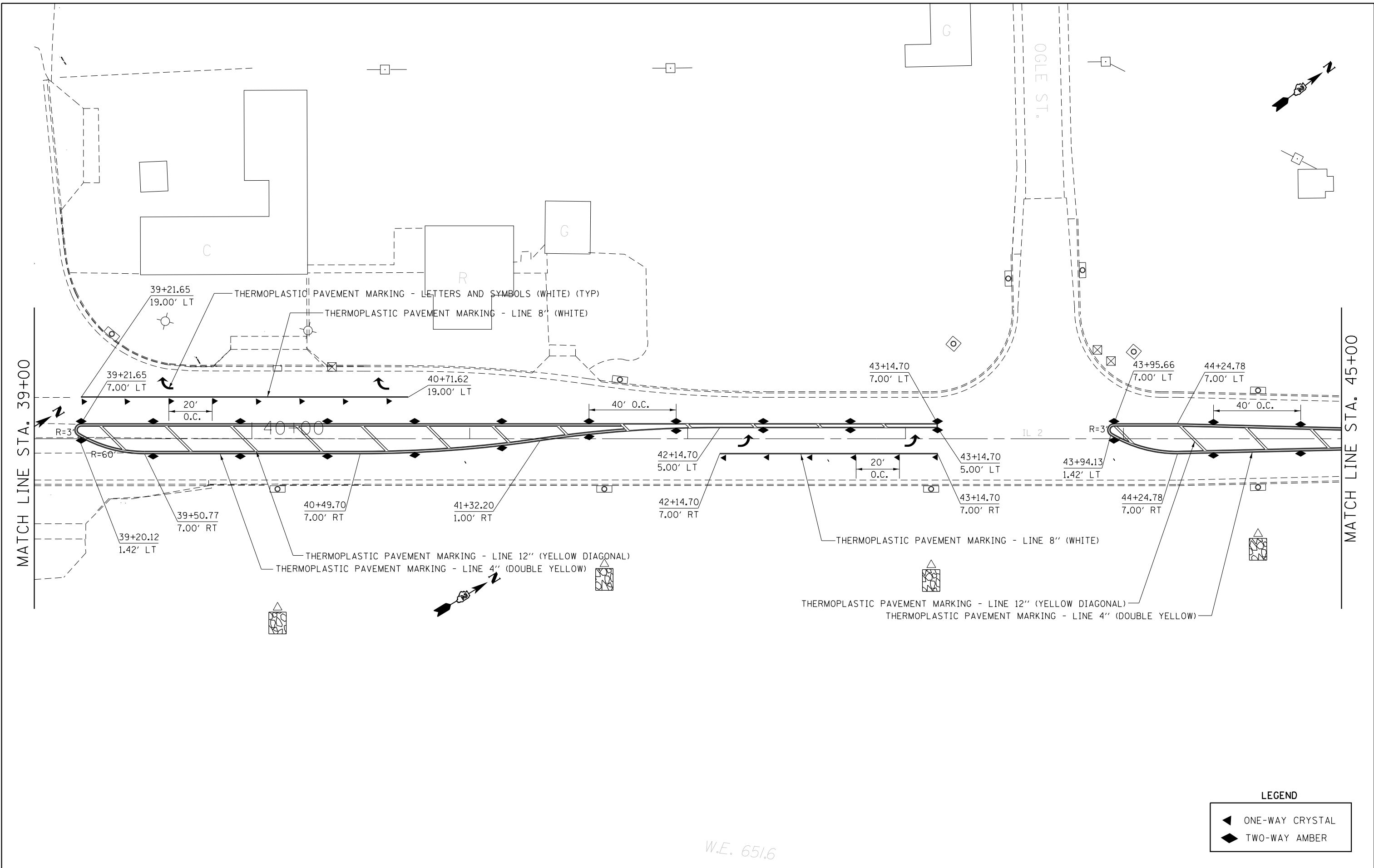
	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -
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	PLOT DATE = Oct-11-2017 10:24:34 AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	93
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	

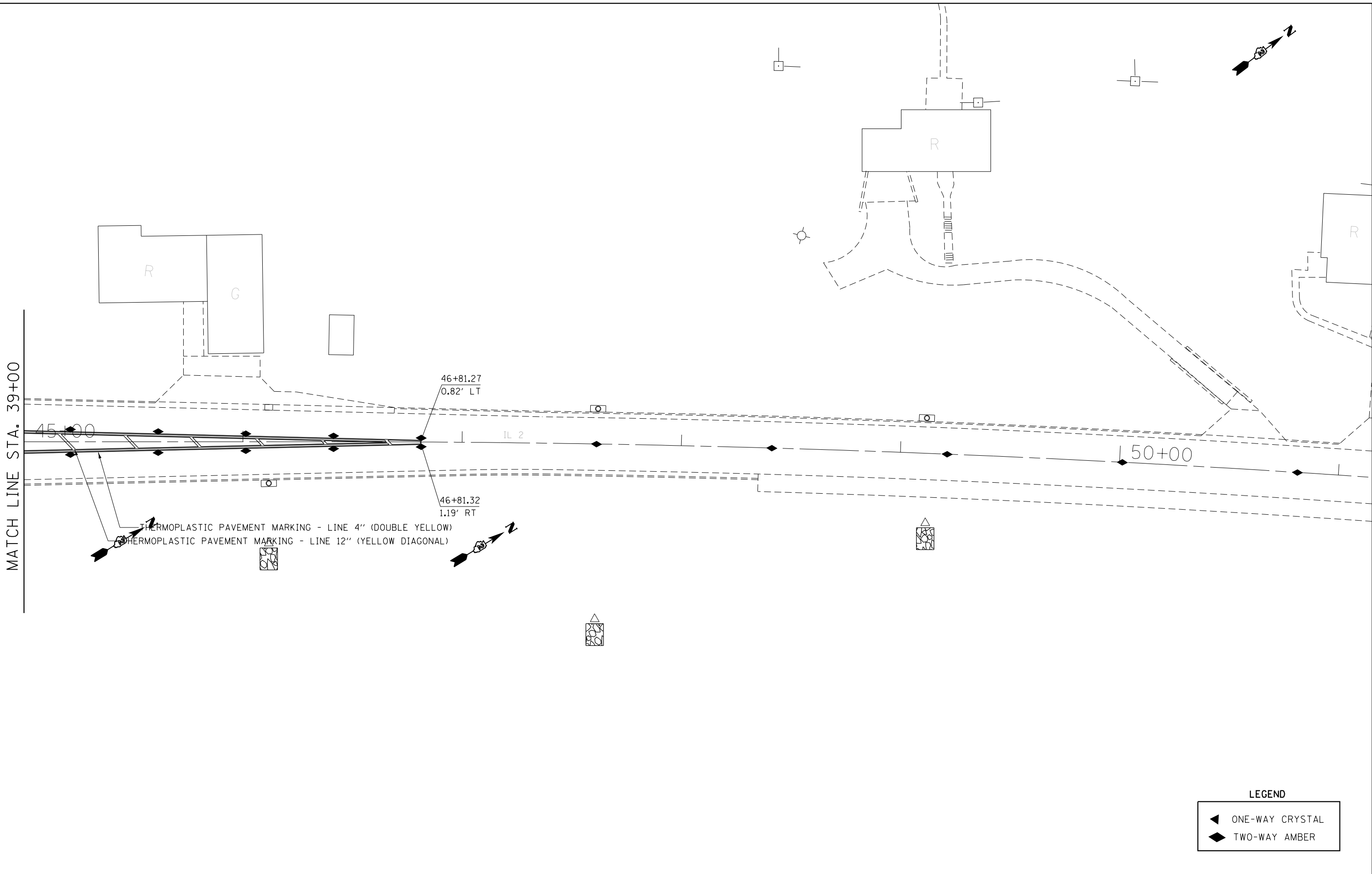


W.E. 651.6

**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\0207\Drawings\AD\Drawings\020714-sht-pmk.dgn		CHECKED -	REVISED -			742	(38,39)RS-6	OGLE	135	94	
Default	PLOT SCALE = 40:0.0000 ' / in.	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64K27			
	PLOT DATE = Oct-11-2017 10:24:49 AM					ILLINOIS FED. AID PROJECT					



MATCH LINE STA. 39+00

45+00

46+81.27  
0.82' LT

46+81.32  
1.19' RT

IL 2

50+00

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)  
THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL)

LEGEND

- ◀ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -
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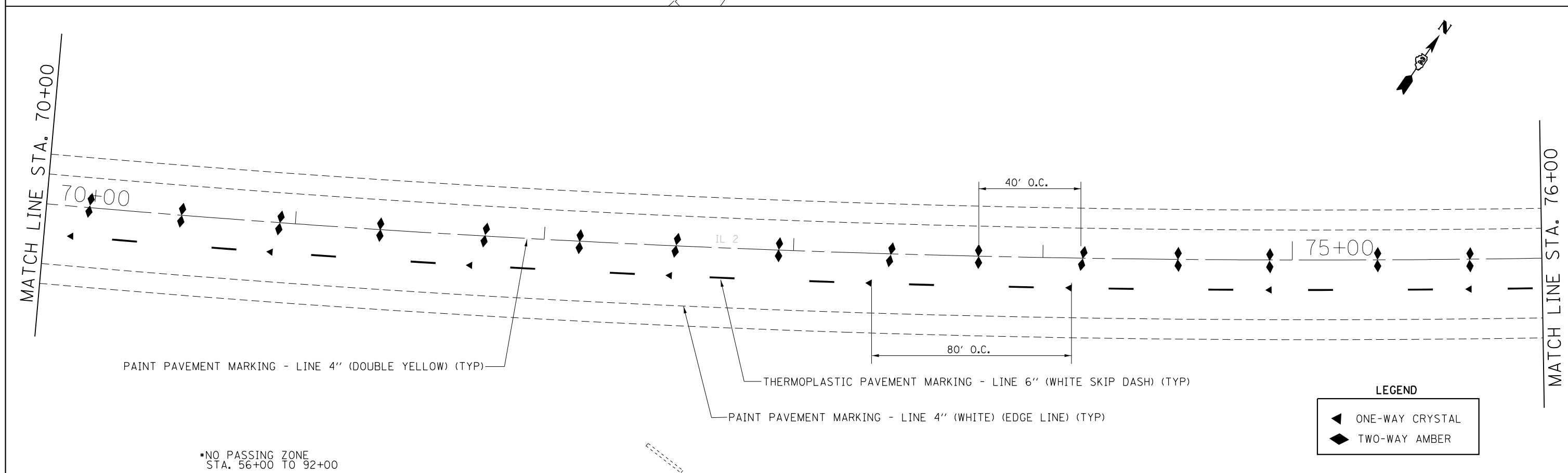
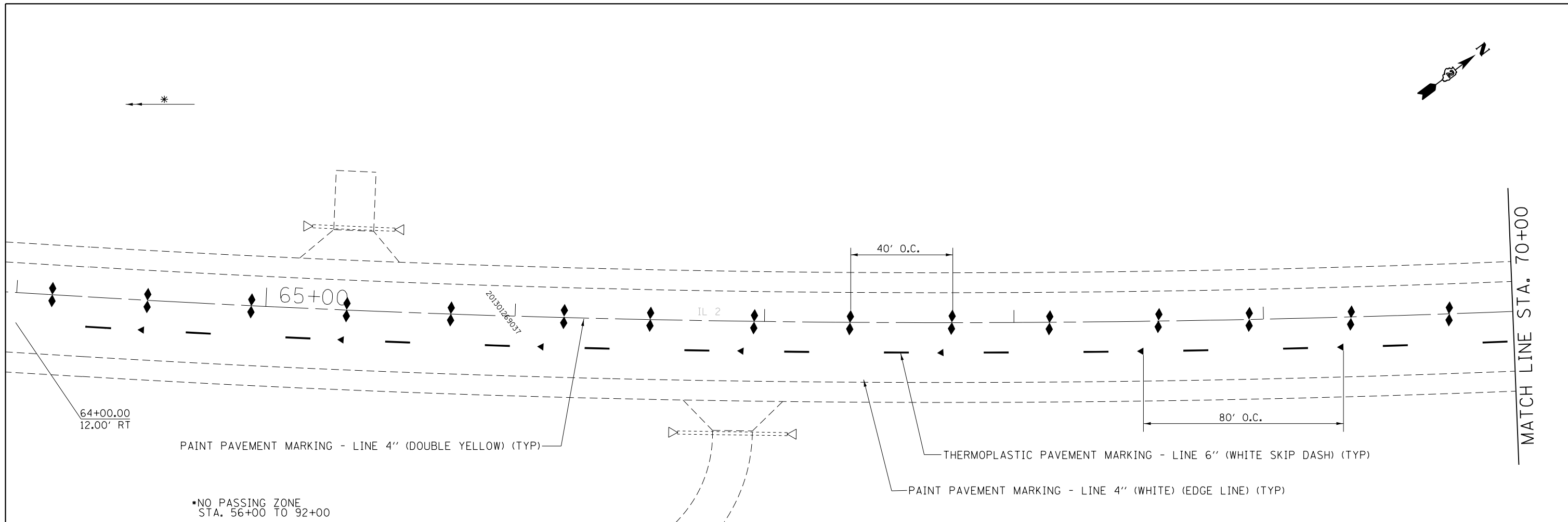
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 2  
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	95
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	



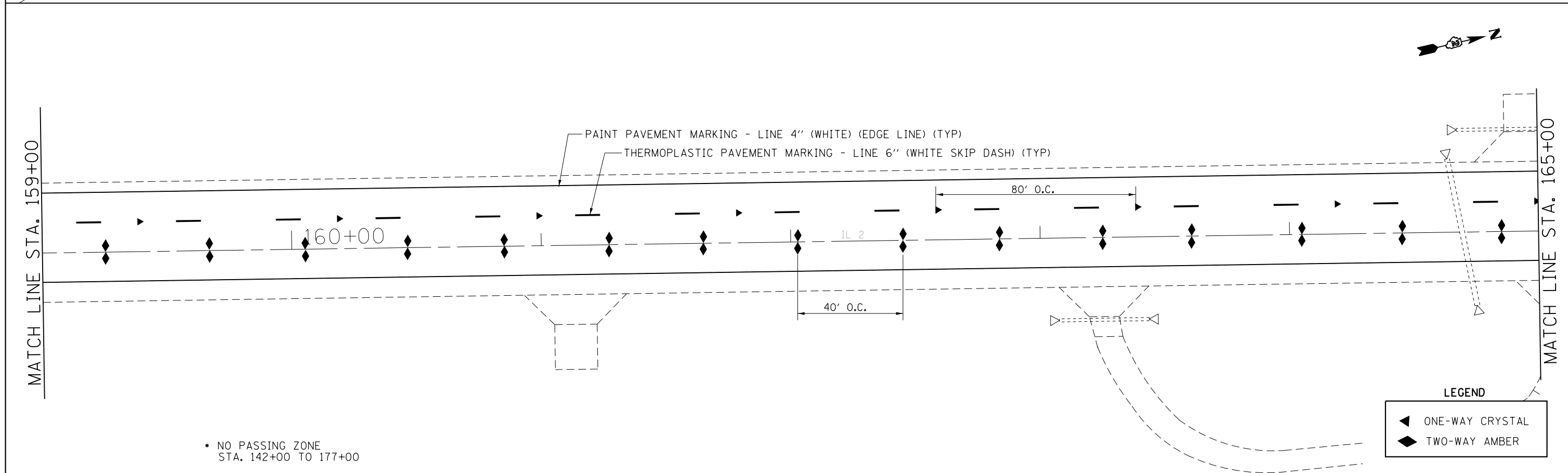
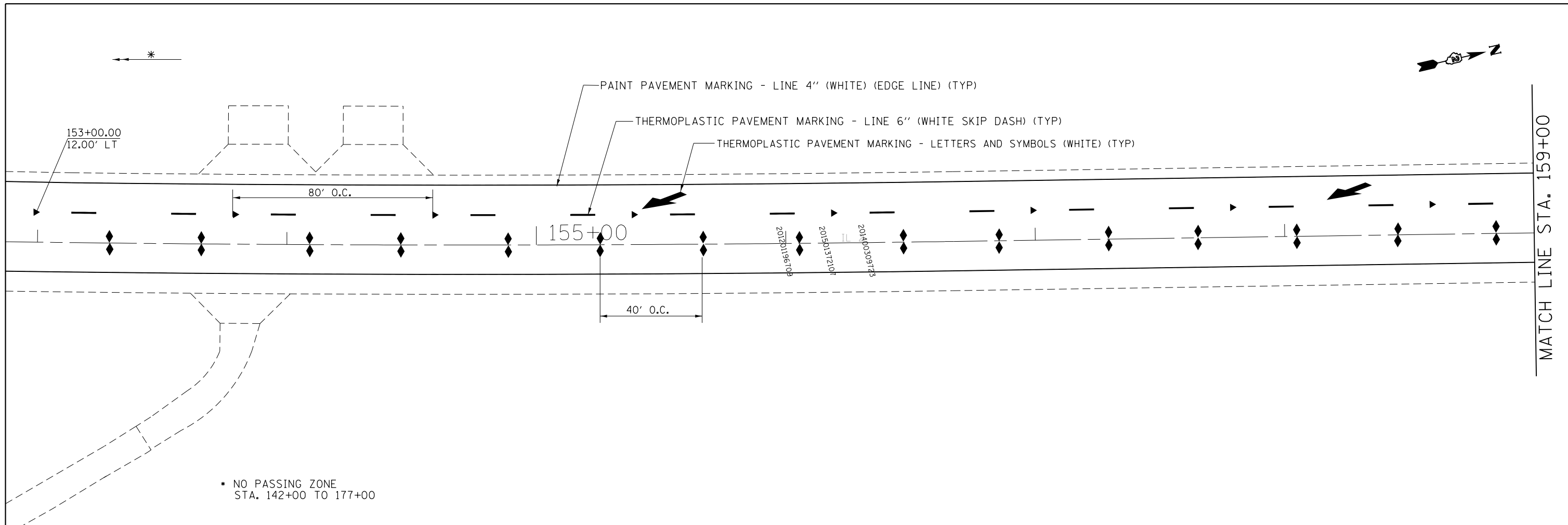


LEGEND

◄	ONE-WAY CRYSTAL
◆	TWO-WAY AMBER

FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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						ILLINOIS FED. AID PROJECT					



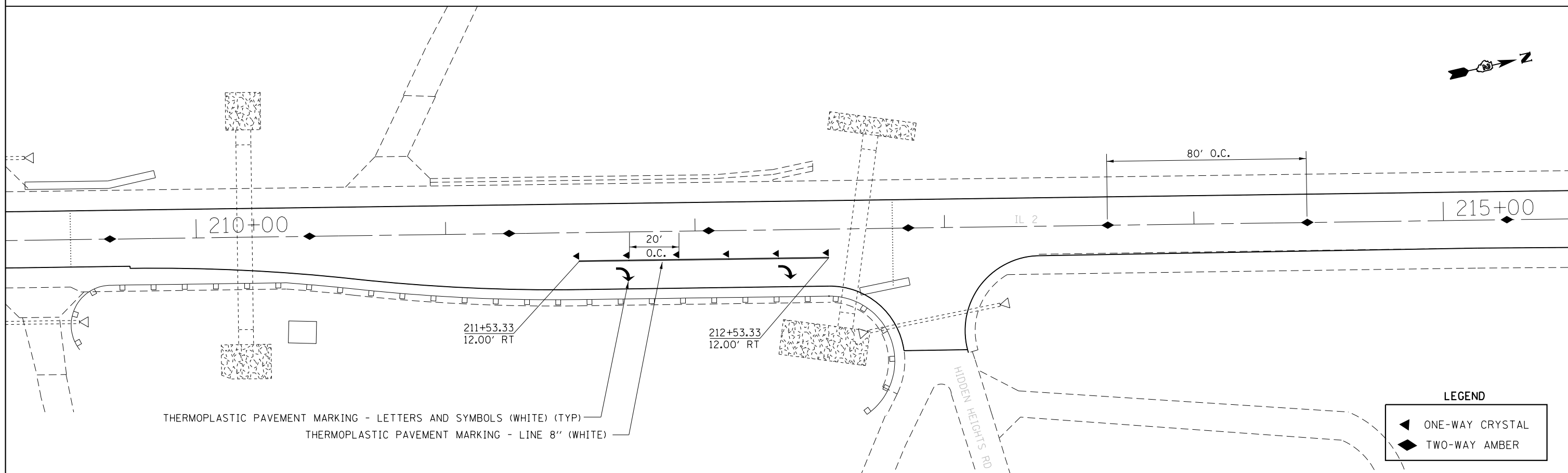
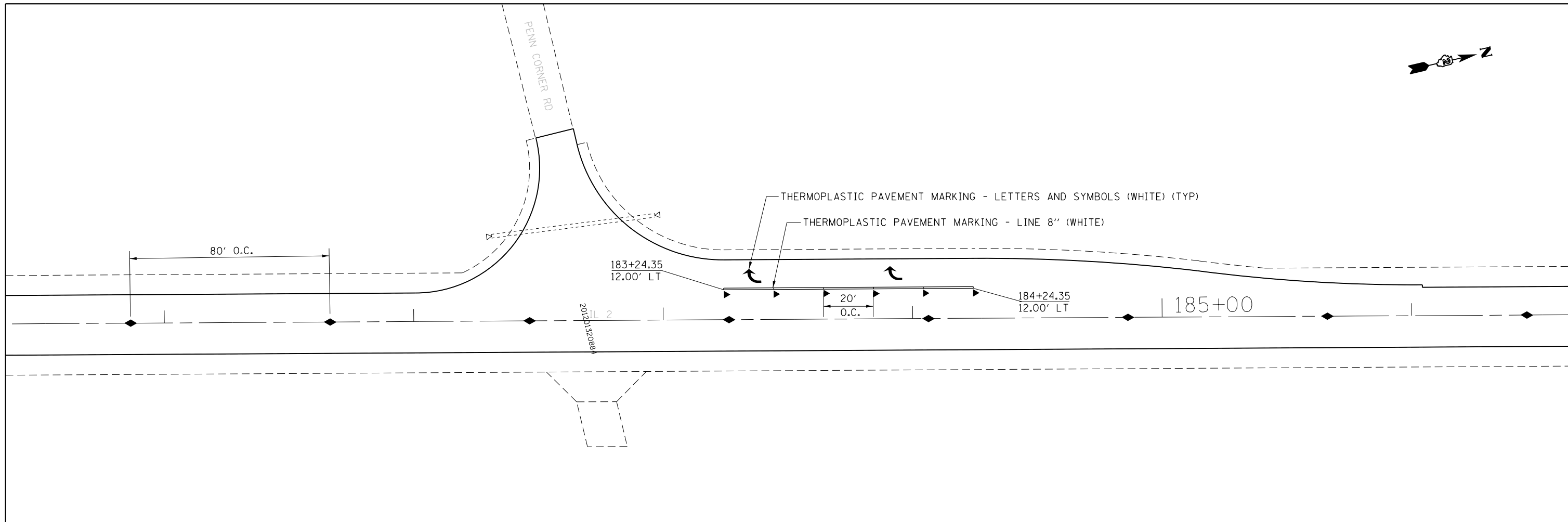


LEGEND

◀	ONE-WAY CRYSTAL
◆	TWO-WAY AMBER

FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\0207\Drawings\LEADSheets\0204714-shr-pmk.dgn		CHECKED -	REVISED -		742	(38,39)RS-6	OGLE	135	98				
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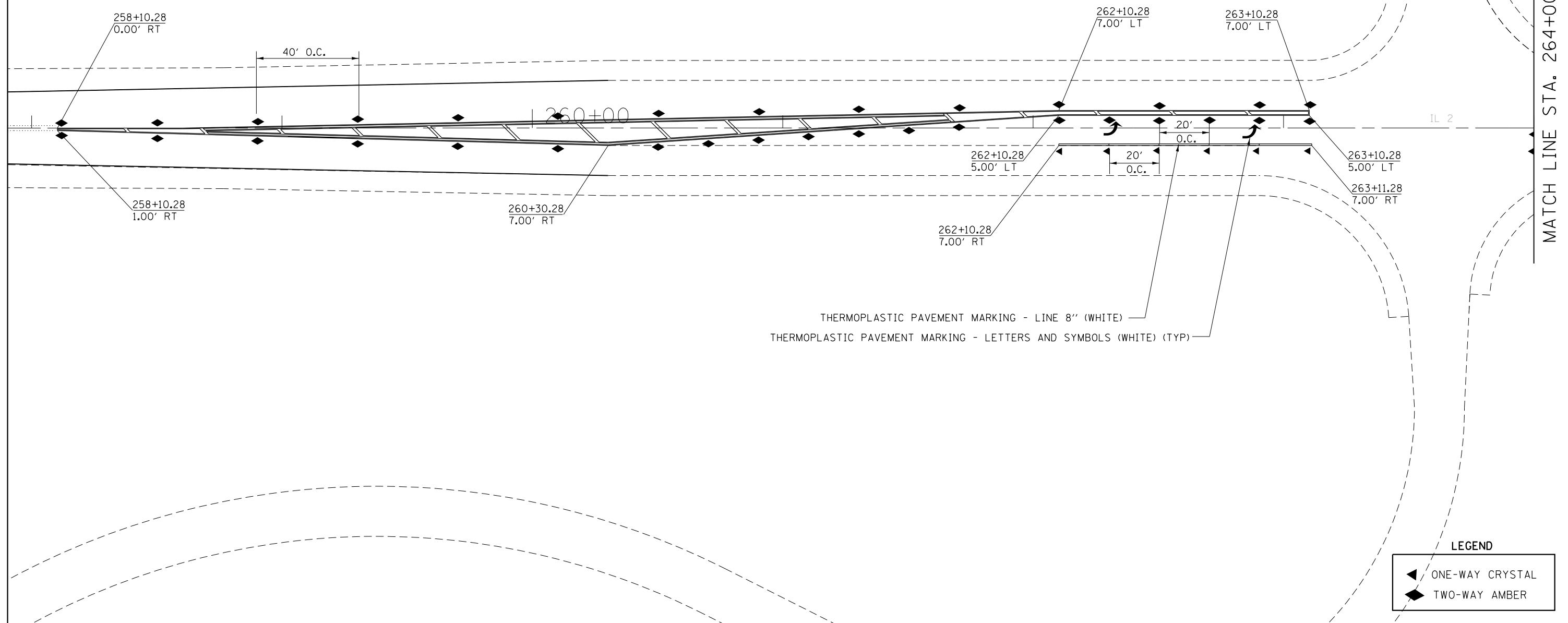
**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)



THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)  
 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP)

MATCH LINE STA. 264+00

**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = bates1	DESIGNED -	REVISED -
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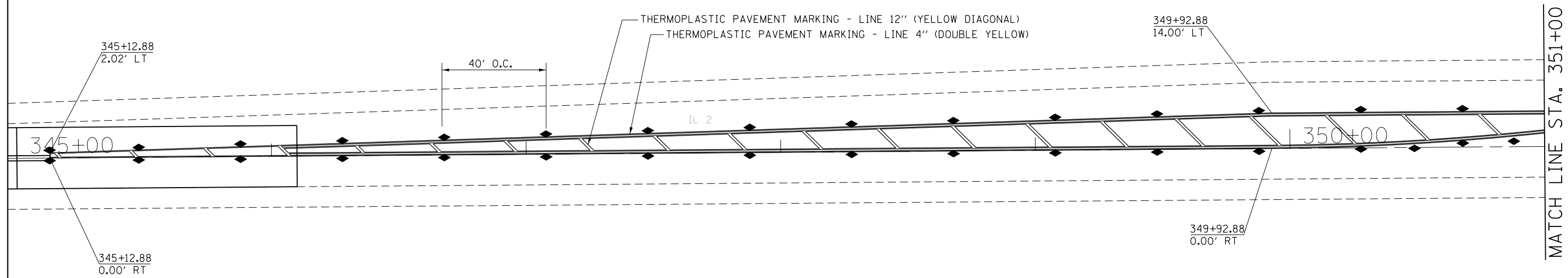
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 2  
 PAVEMENT MARKING DETAILS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	101
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	





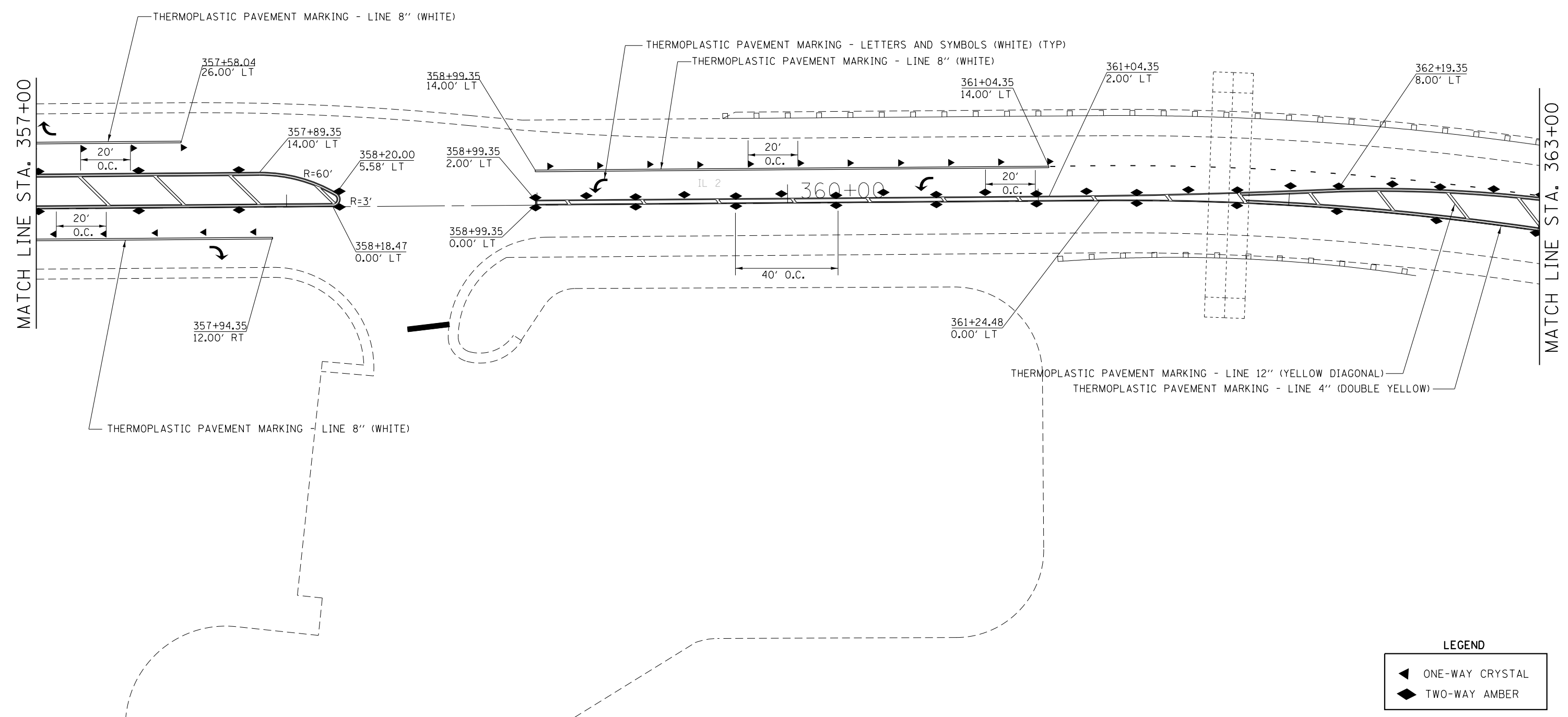
**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40:0.0000 ' / in.	DATE	REVISED			CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	
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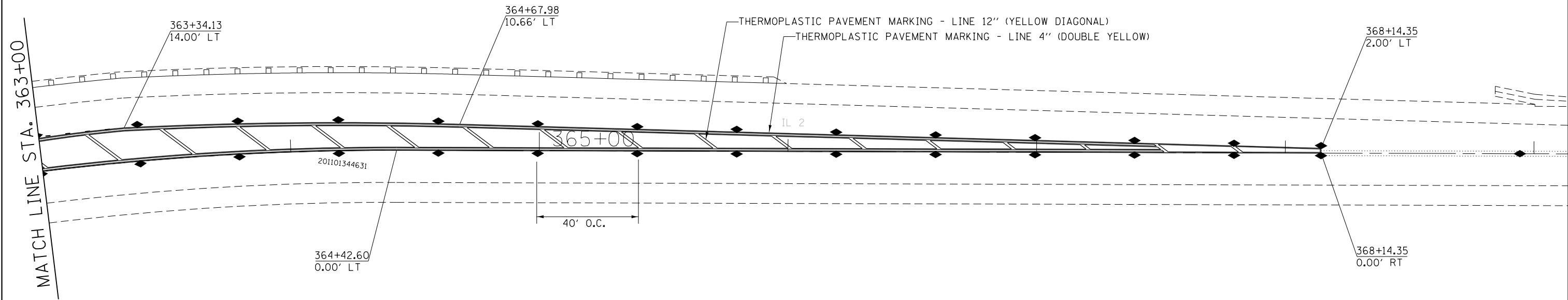
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 2  
PAVEMENT MARKING DETAILS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	105
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	



**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

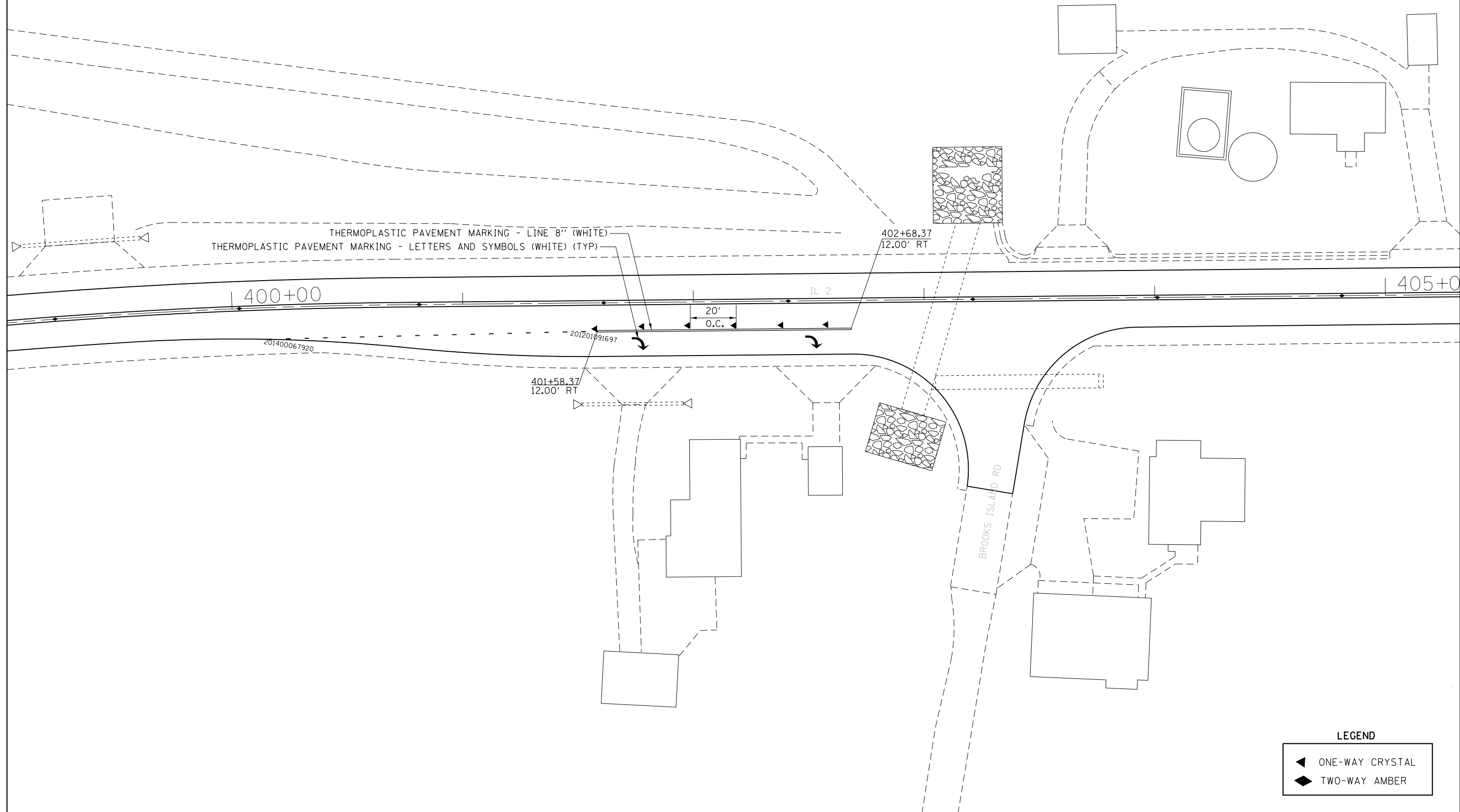
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 2  
PAVEMENT MARKING DETAILS**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	106
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	



**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 2  
PAVEMENT MARKING DETAILS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	107
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.





THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL)

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP)

MATCH LINE STA. 420+00

MATCH LINE STA. 426+00

420+00

425+00

420+64.59  
7.00' LT

421+15.34  
19.00' LT

422+16.26  
19.00' LT

424+24.97  
7.00' LT

425+38.73  
19.00' LT

425+38.73  
7.00' LT

420+63.27  
3.35' LT

422+77.15  
5.00' LT

424+24.97  
5.00' LT

425+38.73  
5.00' RT

420+97.15  
7.00' RT

421+87.15  
1.00' RT

422+77.15  
7.00' RT

422+77.15  
19.00' RT

424+24.97  
19.00' RT

425+38.73  
7.00' RT

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)  
THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP)

R=2'

R=60'

IL 2

40' O.C.

20' O.C.

20' O.C.

20' O.C.

20' O.C.

20' O.C.

20' O.C.

SNYDER RD

LEGEND

- ◀ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER

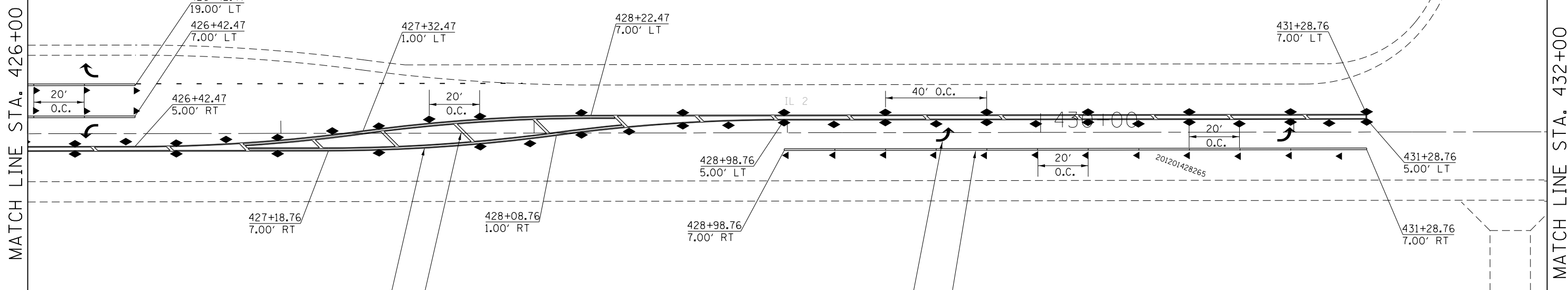
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 2  
PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	109
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	



THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL)  
 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)

**LEGEND**

◀	ONE-WAY CRYSTAL
◆	TWO-WAY AMBER

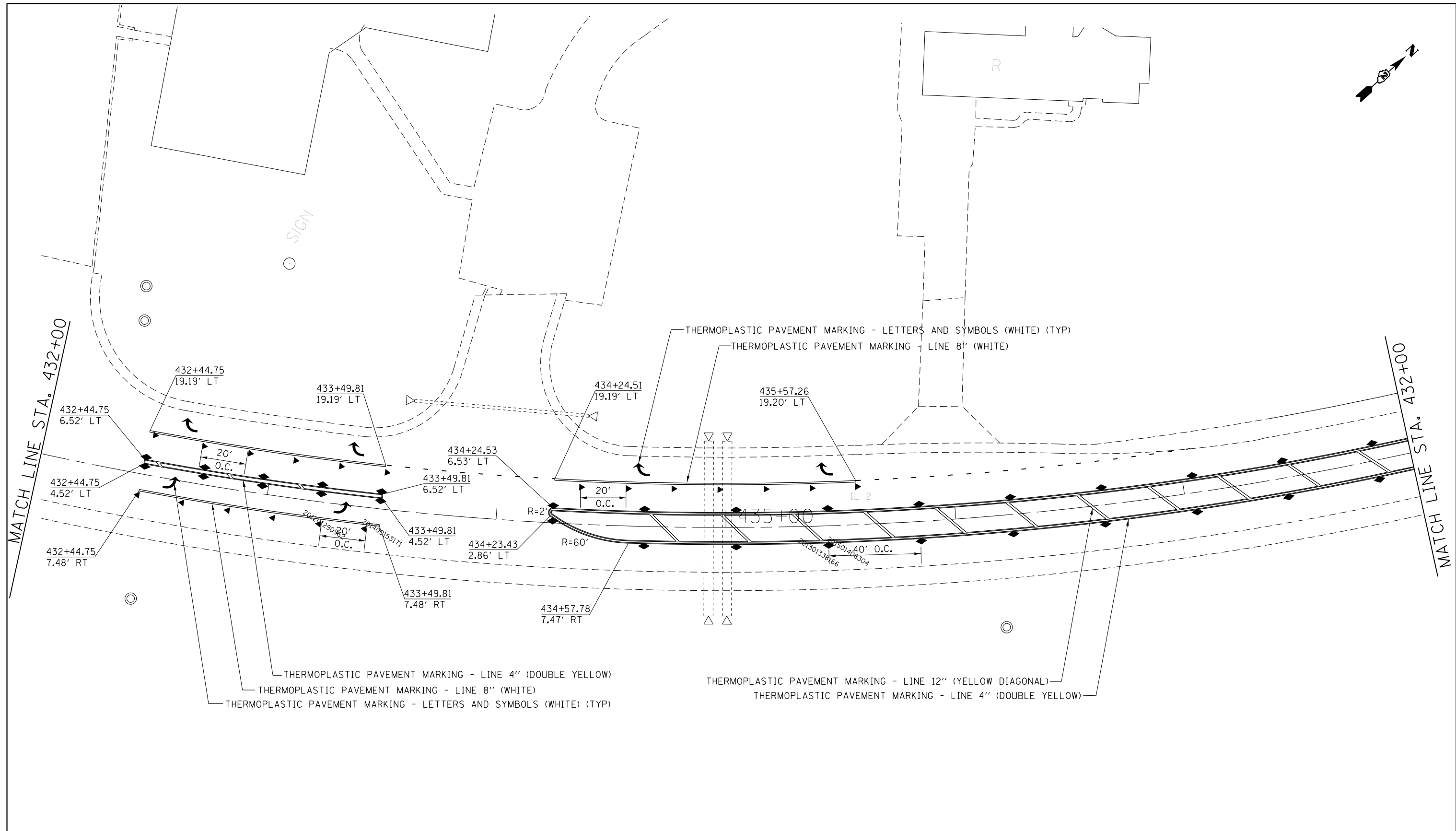
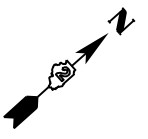
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL RTE 2**  
**PAVEMENT MARKING DETAILS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	110
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	



THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)  
 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP)  
 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) (TYP)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL)  
 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

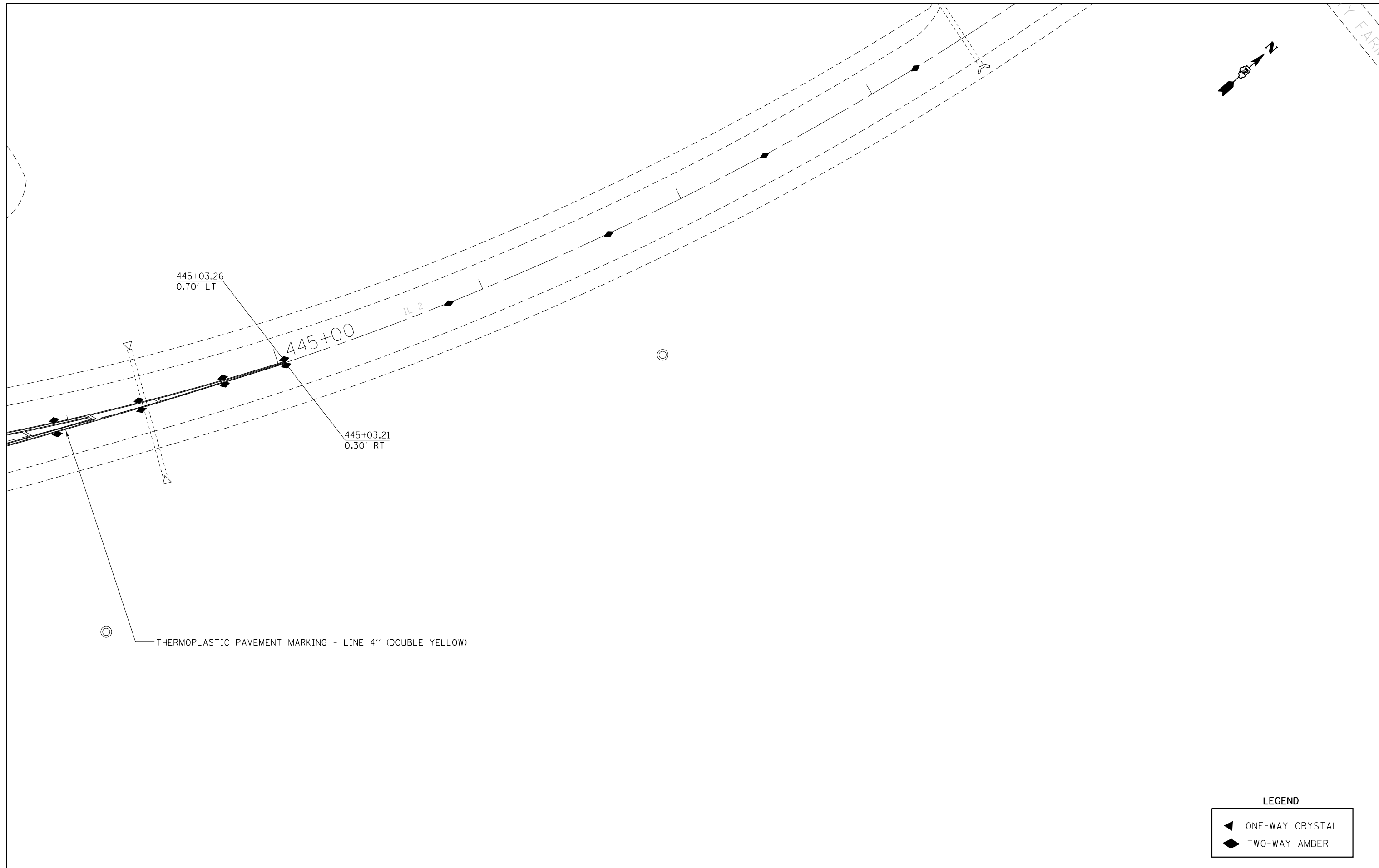
**IL RTE 2**  
**PAVEMENT MARKING DETAILS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	111
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.







◎ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

**LEGEND**

◀	ONE-WAY CRYSTAL
◆	TWO-WAY AMBER

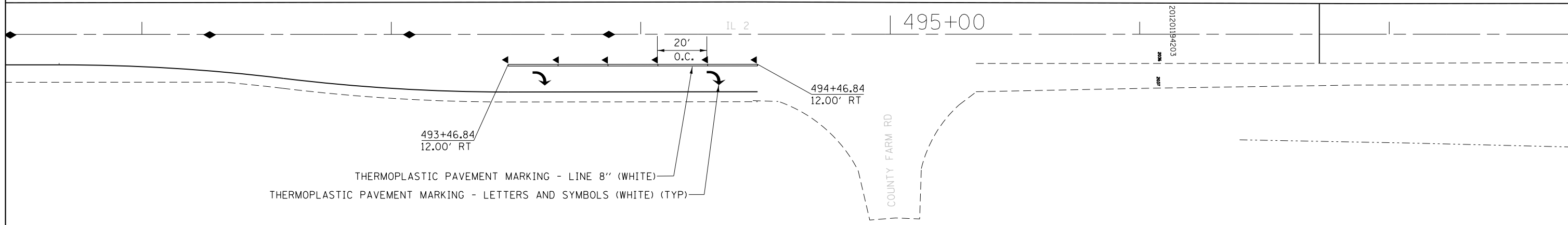
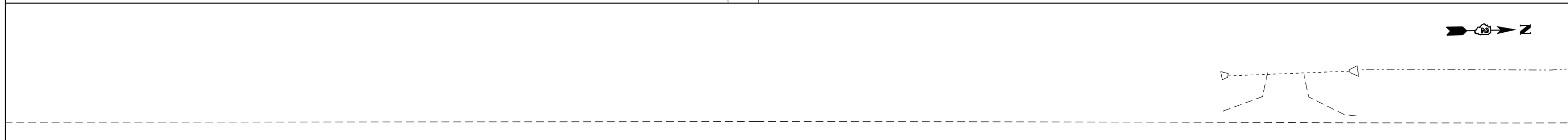
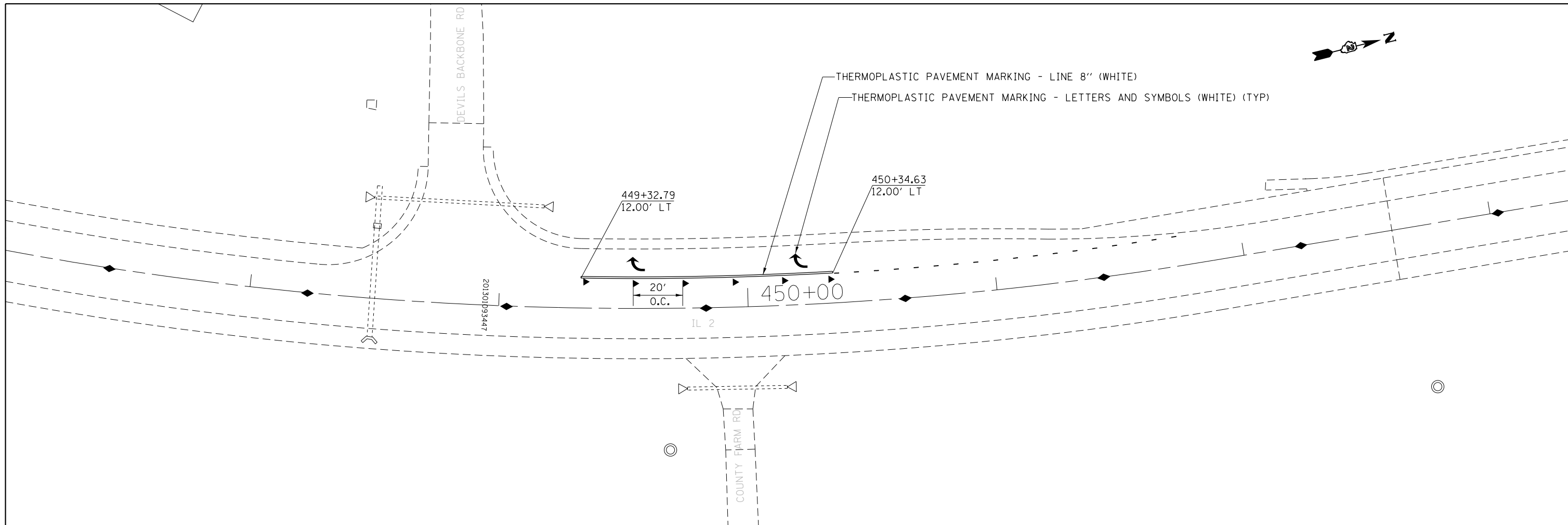
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 2  
PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	113
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64K27	



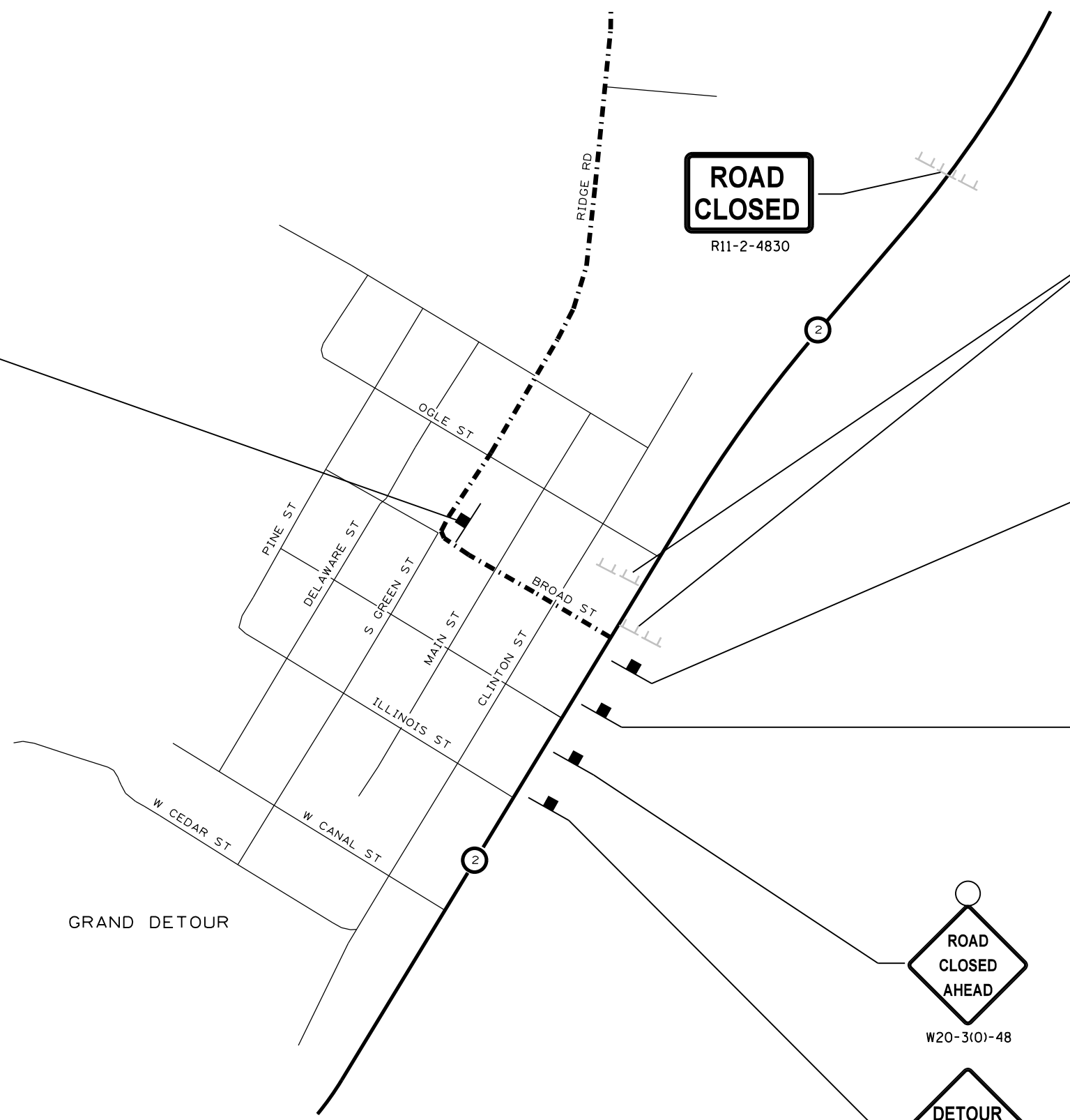
**LEGEND**

	ONE-WAY CRYSTAL
	TWO-WAY AMBER

FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 2 PAVEMENT MARKING DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = Oct-11-2017 10:29:33 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



M4-8(FO) **DETOUR**  
 M3-1 **NORTH**  
 M1-1100 **ILLINOIS 2**  
 M6-1 **→**



**ROAD CLOSED**  
R11-2-4830

**ROAD CLOSED**  
1 MILE AHEAD  
LOCAL TRAFFIC ONLY  
R11-3A-( )

**DETOUR** M4-8(FO)  
**NORTH** M3-1  
**ILLINOIS 2** M1-1100  
**←** M6-1

**DETOUR** M4-8(FO)  
**NORTH** M3-1  
**ILLINOIS 2** M1-1100  
**↙** M5-1 (LEFT) 21X15

**ROAD CLOSED AHEAD**  
W20-3(0)-48

**DETOUR AHEAD**  
W20-2(0)-48

--- DETOUR ROUTE

GRAND DETOUR

FILE NAME =	USER NAME = bates1	DESIGNED -	REVISED -
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Default	PLOT DATE = Oct-11-2017 10:34:14 AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROAD CLOSURE DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	115
CONTRACT NO. 64K27			ILLINOIS FED. AID PROJECT	



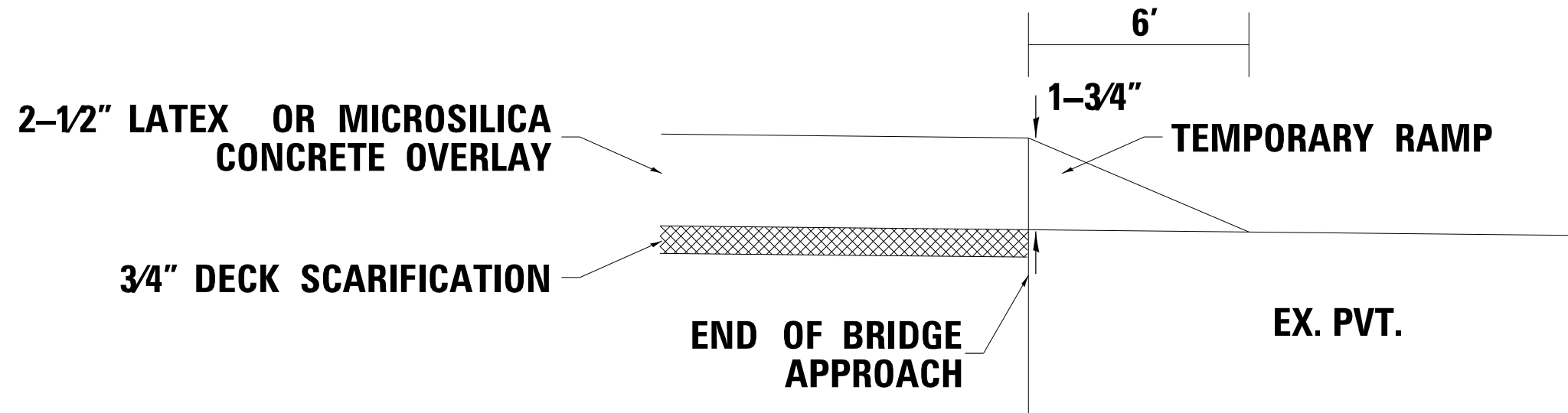
# MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL PROPOSED IMPROVEMENTS ALONG THE DETOUR ROUTE (INCLUDING ALL WIDENING, PATCHING, RESURFACING, AND SHOULDER REPLACEMENT OPERATIONS) SHALL BE COMPLETED PRIOR TO ANY MAINLINE ROAD CLOSURE AND ENACTMENT OF THE MARKED DETOUR
2. THE MAINLINE ROAD CLOSURE WITH MARKED DETOUR AND THE ONE-WAY TRAFFIC LANE CLOSURE OVER THE ROCK RIVER BRIDGE SHALL NOT BE IN PLACE CONCURRENTLY
3. THE CONTRACTOR SHALL PROVIDE ALLOWANCE FOR TWO-WAY TRAFFIC FROM THE CITY OF OREGON TO THE MAIN ENTRANCE TO CASTLE ROCK STATE PARK FOR THE HOLIDAYS OF MEMORIAL DAY, INDEPENDENCE DAY, AND LABOR DAY, AS DEFINED BY ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS
4. BRIDGE OVERLAY AND 6" MILLING OPERATIONS SHALL BE SEPERATED BY AT LEAST ONE-HALF MILE.
5. AT BRIDGES ADJACENT TO A 6" MILLING LANE, ALL BRIDGE SCARIFICATION AND OVERLAY OPERATIONS MUST BE COMPLETE BEFORE 6" MILLING OPERATIONS COMMENCE ON THAT LANE.
6. AT NO TIME WILL TRAFFIC BE ALLOWED ON A MILLED SURFACE WITHIN THE 6" MILLING AND RESURFACING SECTIONS.

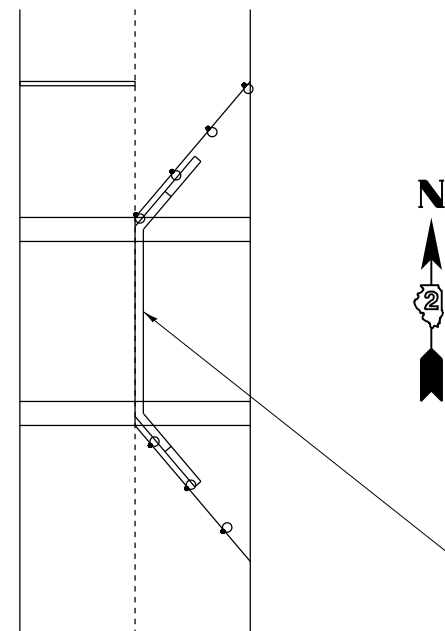
FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING &amp; MAINTENANCE OF TRAFFIC PLANS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\0204714-shr-detailed\Drawings\0204714-shr-detailed.dwg		CHECKED -	REVISED -					742	(38,39)RS-6	OGLE	135	117
Default	PLOT SCALE = 40:0.000 '1' / in.	DATE -	REVISED -					CONTRACT NO. 64K27				
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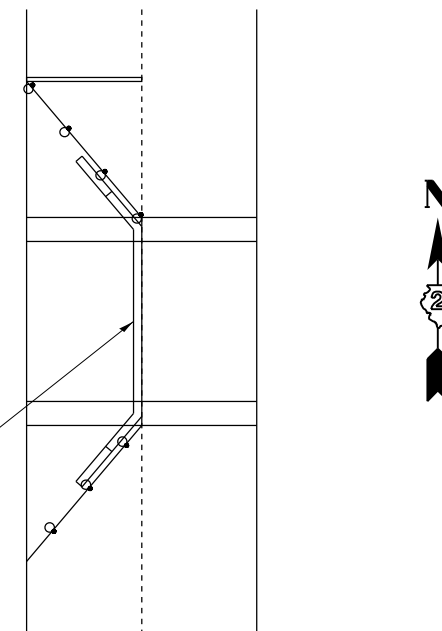
# STAGING – BRIDGE OVERLAY DETAIL



## STAGE I



## STAGE II



TEMPORARY CONCRETE BARRIER

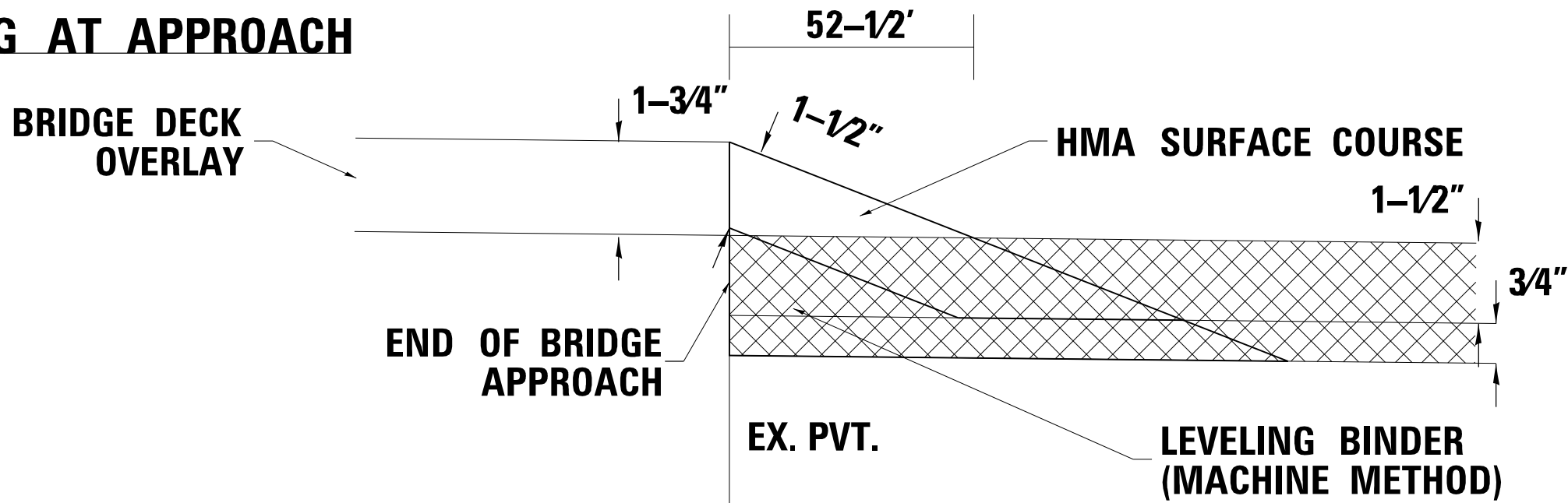
**TRAFFIC CONTROL FOR ALL BRIDGE OVERLAY OPERATIONS SHALL BE ACCORDING TO HIGHWAY STANDARD 701321**

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING &amp; MAINTENANCE OF TRAFFIC PLANS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\0204714-shr-detailed\DRAWING\0204714-shr-detail.dwg		DRAWN -	REVISED -		742	(38,39)RS-6	OGLE	135	119			
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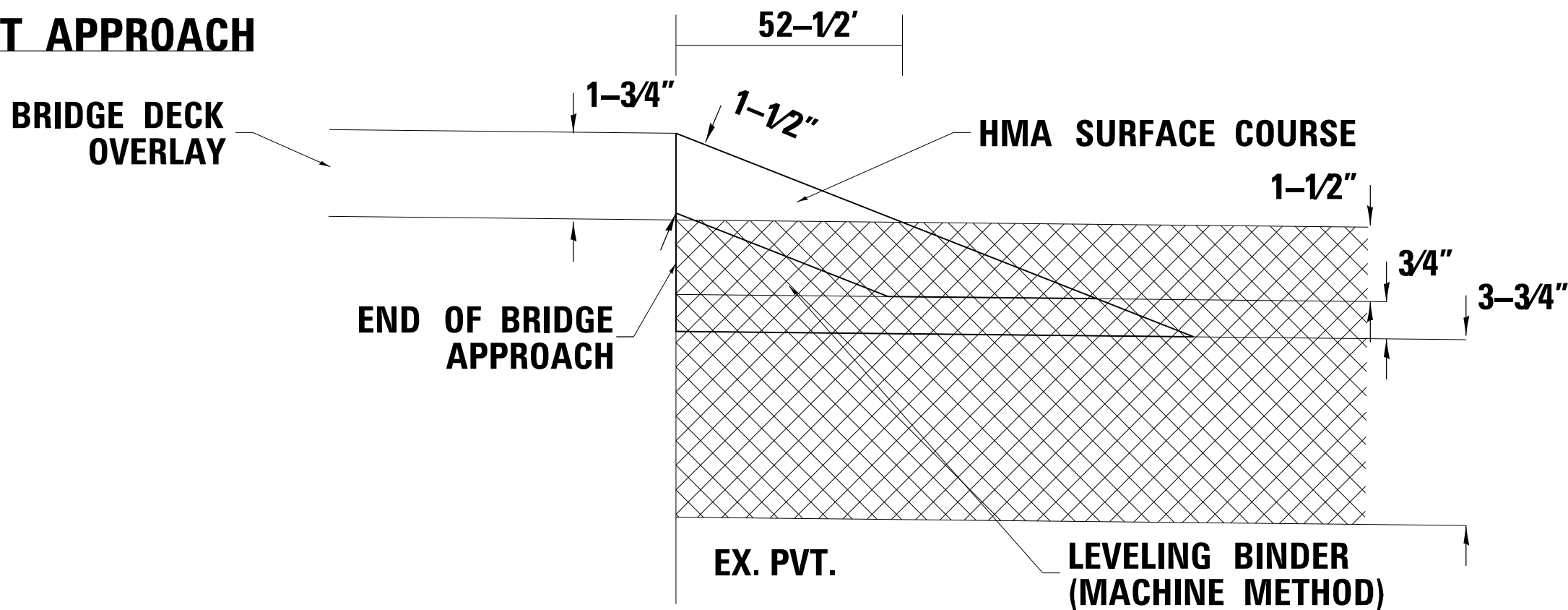


# STAGING – MILLING & RESURFACING ADJACENT TO BRIDGES

## 2-1/4" MILLING AT APPROACH

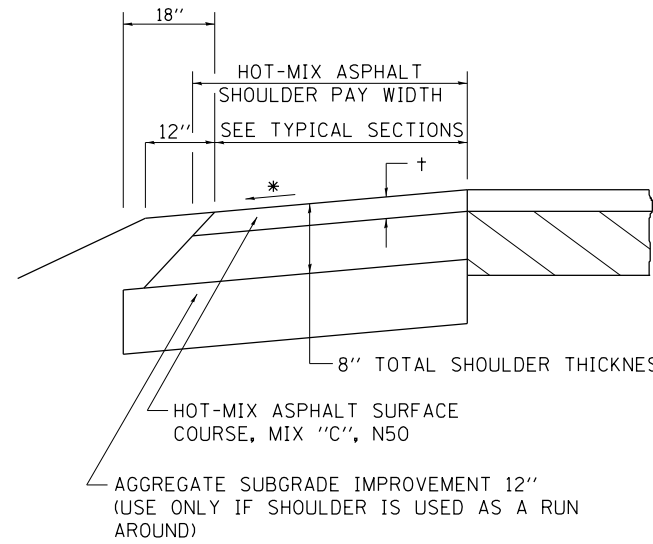


## 6" MILLING AT APPROACH



FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING & MAINTENANCE OF TRAFFIC PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\0207\Drawings\ADSheets\0204714-sht-detail	DRAWN	REVISION	REVISION				742	(38,39)RS-6	OGLE	135	120
Default	PLOT SCALE = 40:0.000 '1' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64K27				
	PLOT DATE = Oct-12-2017 07:08:13 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

# HOT-MIX ASPHALT SHOULDER



### GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

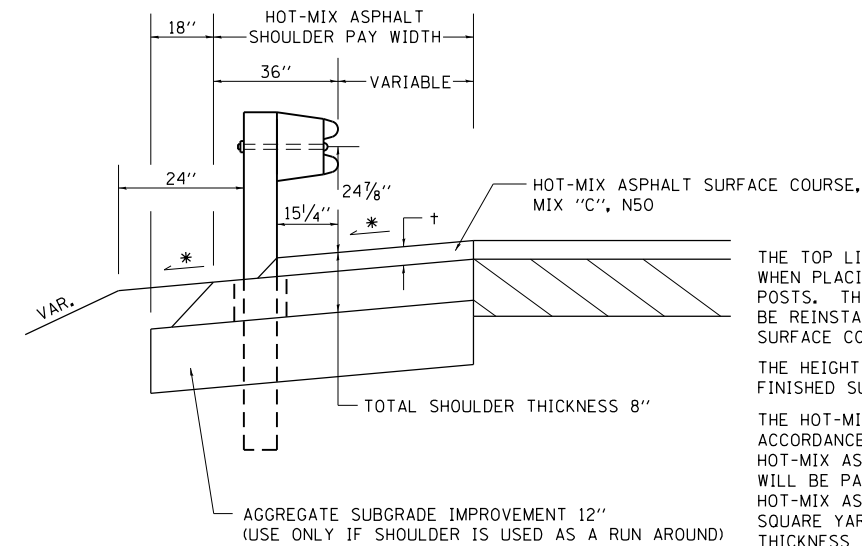
\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

† = SEE TYPICAL SECTIONS FOR THICKNESS

REVISED - 1-05-16  
REVISED - 3-13-13

**HOT-MIX ASPHALT SHOULDER 22.4**

# DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL



† = SEE TYPICAL SECTIONS FOR THICKNESS

### GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED. THE RAIL ELEMENT SHALL BE REINSTALLED WITHIN 72 HOURS OF THE COMPLETION OF THE SURFACE COURSE.

THE HEIGHT OF THE GUARDRAIL SHALL BE SET 24 7/8" FROM THE FINISHED SURFACE.

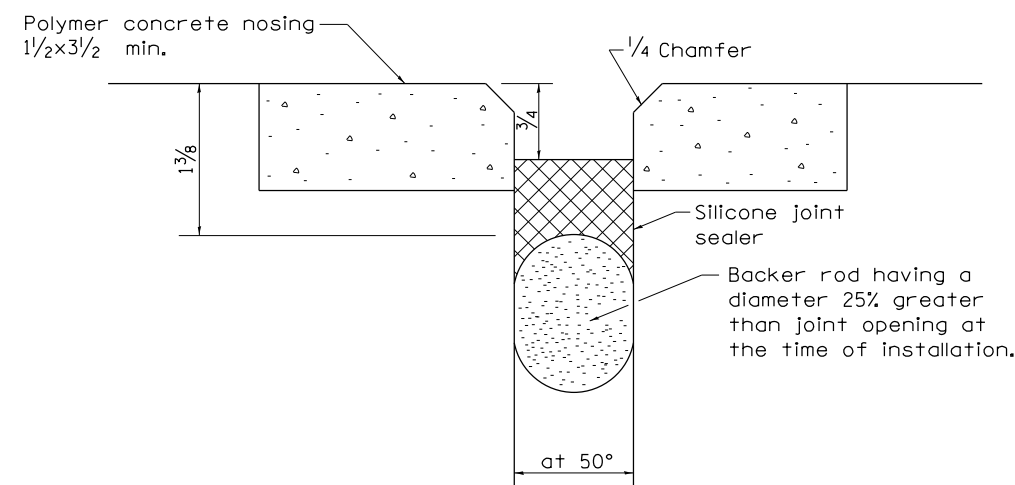
THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED. THE REMOVAL & REINSTALLATION OF THE GUARDRAIL WILL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50.

\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATED SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 1-05-16  
REVISED - 6-27-14  
REVISED - 8-27-13  
REVISED - 3-13-13

**DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL 23.4**

# SILICONE JOINT SEAL (CONCRETE DETAILS)

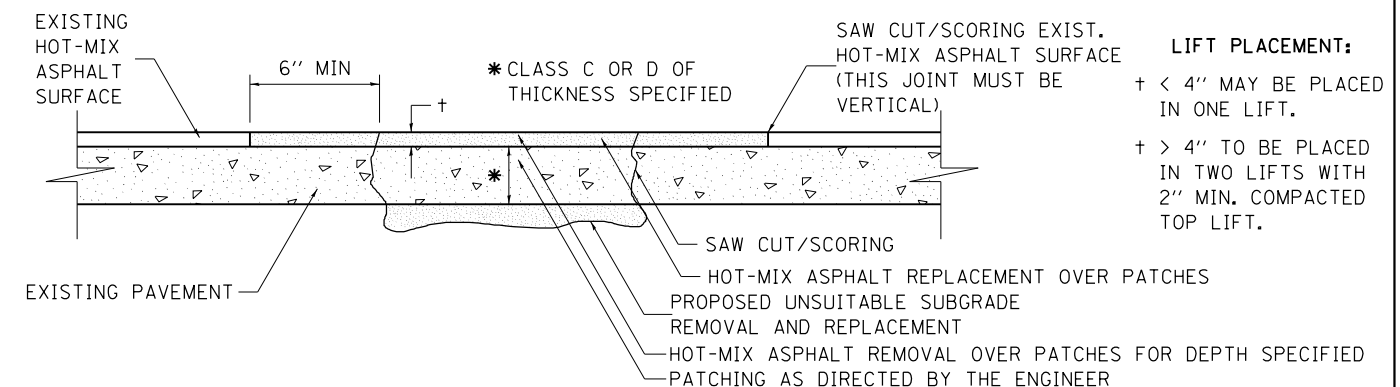


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

**SILICONE JOINT SEAL (CONCRETE DETAILS) 29.4**

# PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



### SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF HOT-MIX ASPHALT SURFACE REMOVAL.

### GENERAL NOTES:

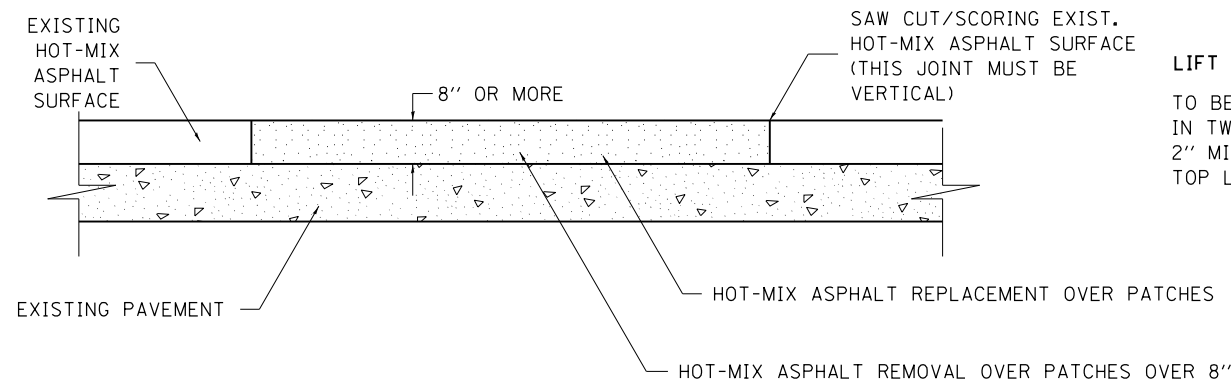
1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11	<b>REGION 2 / DISTRICT 2 STANDARD</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
REVISED -					742	(38,39)RS-6	OGLE	135	121			
REVISED -					SCALE: 100:0.000' = 1"				SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64K27	
REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

**PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4**

# PAVEMENT PATCHING DETAIL



**LIFT PLACEMENT:**  
TO BE PLACED  
IN TWO LIFTS WITH  
2" MIN. COMPACTED  
TOP LIFT.

**SEQUENCE OF CONSTRUCTION:**

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

**GENERAL NOTES:**

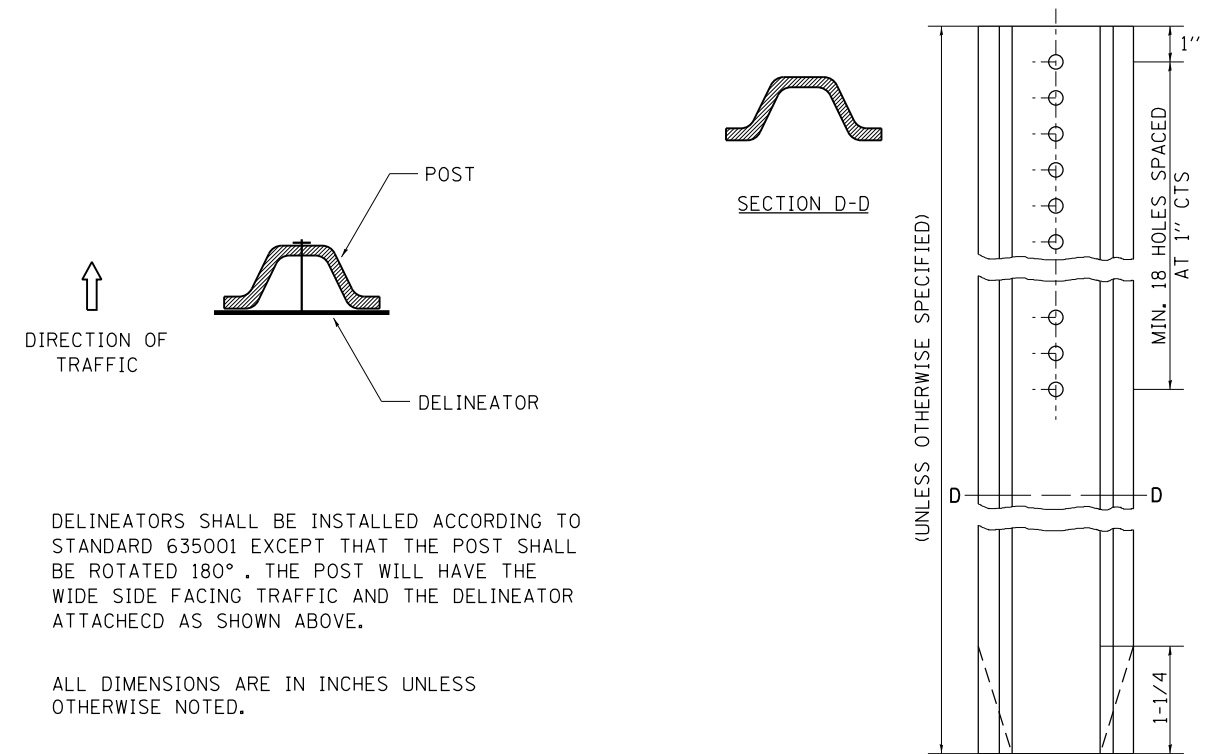
1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

**PAVEMENT PATCHING DETAIL 33.4**

# DELINEATOR AND POST ORIENTATION



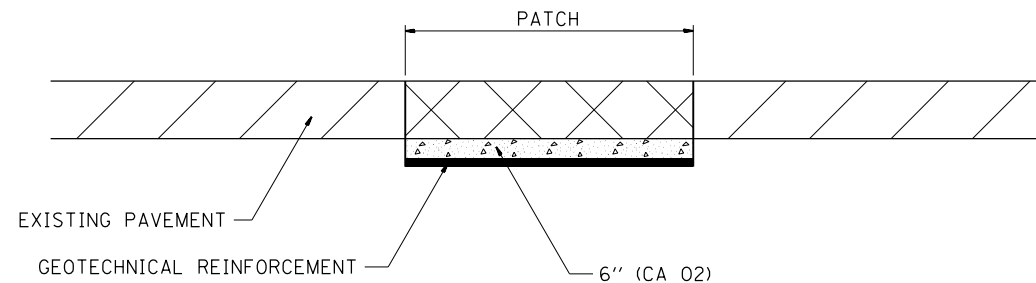
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

**DELINEATOR AND POST ORIENTATION 37.4**

# SUBGRADE REPLACEMENT



**NOTES:**

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

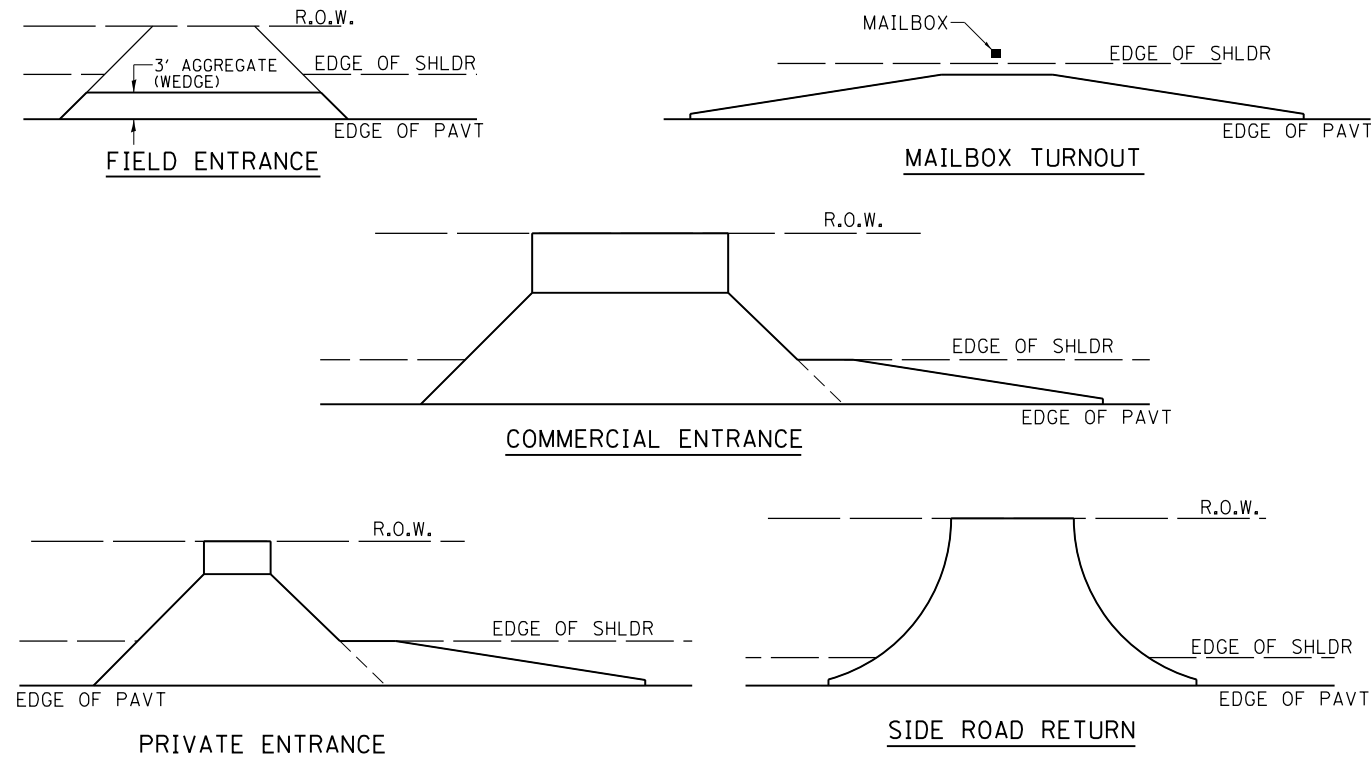
REVISED - 3-13-13

**SUBGRADE REPLACEMENT 97.4**

REVISED -	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		742	(38,39)RS-6	OGLE	135	122
REVISED -		CONTRACT NO. 64K27				
REVISED -		SCALE: 100:0.000 '1' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.

PLOT DATE = Oct-11-2017 10:35:44 AM

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

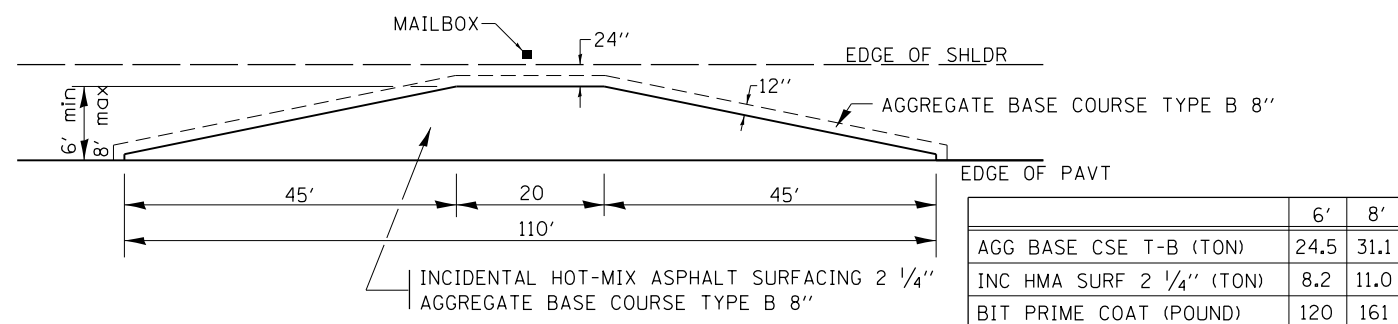


**NOTE:** EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS  
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.

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.



	6'	8'
AGG BASE CSE T-B (TON)	24.5	31.1
INC HMA SURF 2 1/4" (TON)	8.2	11.0
BIT PRIME COAT (POUND)	120	161

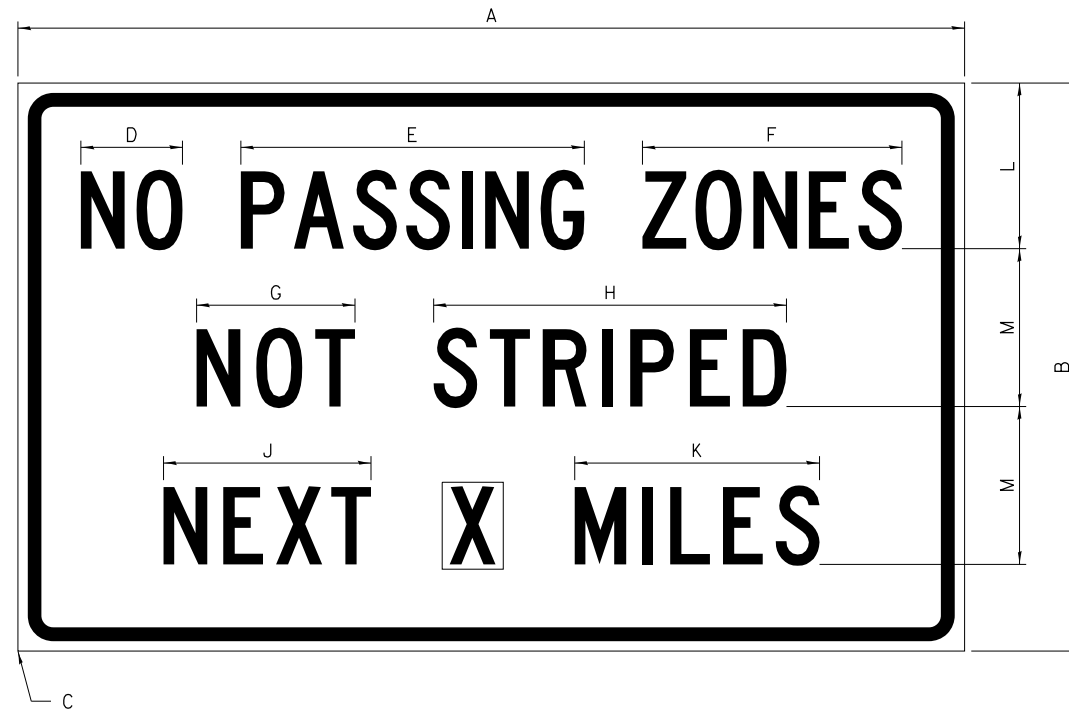
REVISED - 1-05-16  
REVISED - 7-21-15  
REVISED - 6-27-14  
REVISED - 10-21-08

REVISED -	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					742	(38,39)RS-6	OGLE	135	123
REVISED -	SCALE: 100:0.000 '1' / 1 SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 64K27				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLOT DATE = Oct-11-2017 10:36:01 AM

# WORK ZONE SIGN DETAILS

**ILLINOIS STANDARD G20-I100**



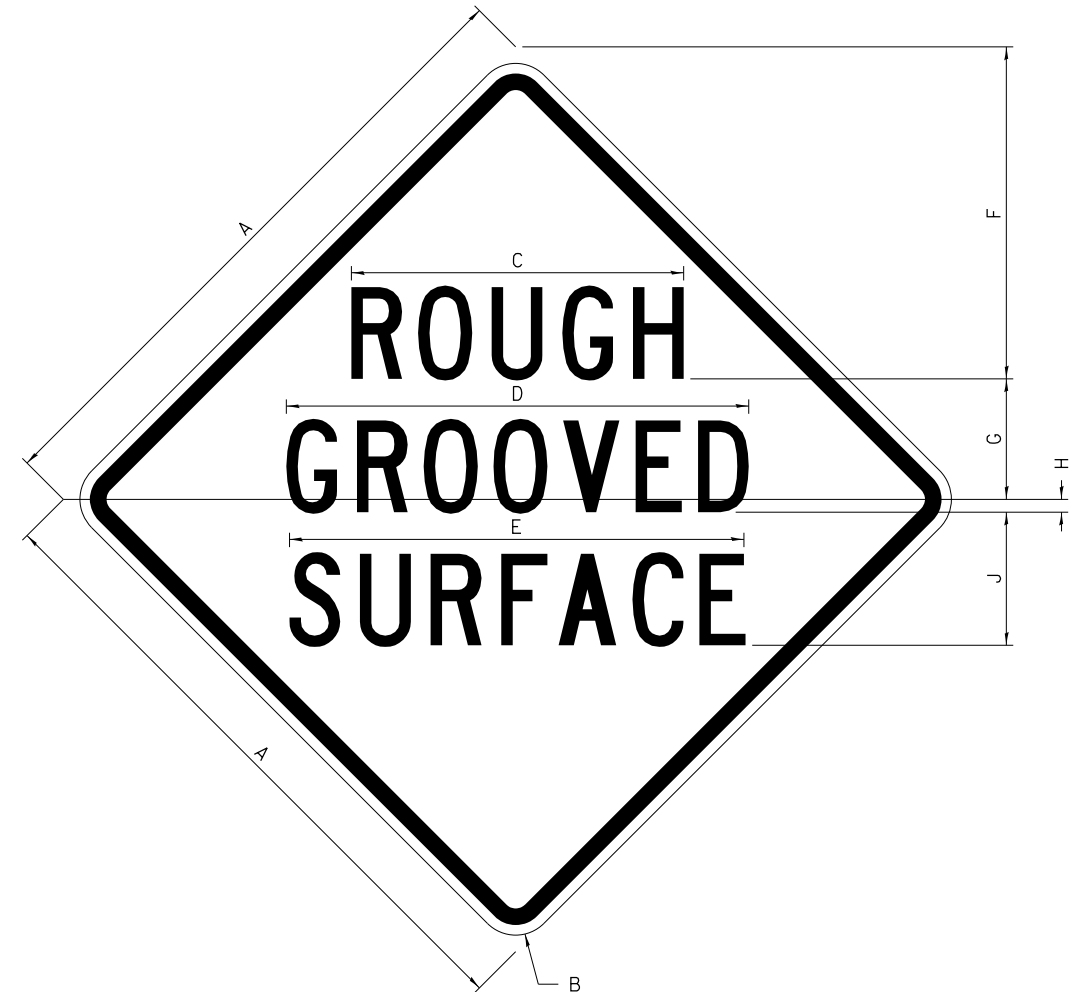
COLOR    LEGEND AND BORDER    BLACK    NON-REFLECTORIZED  
 BACKGROUND    ORANGE    REFLECTORIZED

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

**ILLINOIS STANDARD W8-I107**



COLOR    LEGEND AND BORDER    BLACK    NON-REFLECTORIZED  
 BACKGROUND    ORANGE    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

**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.

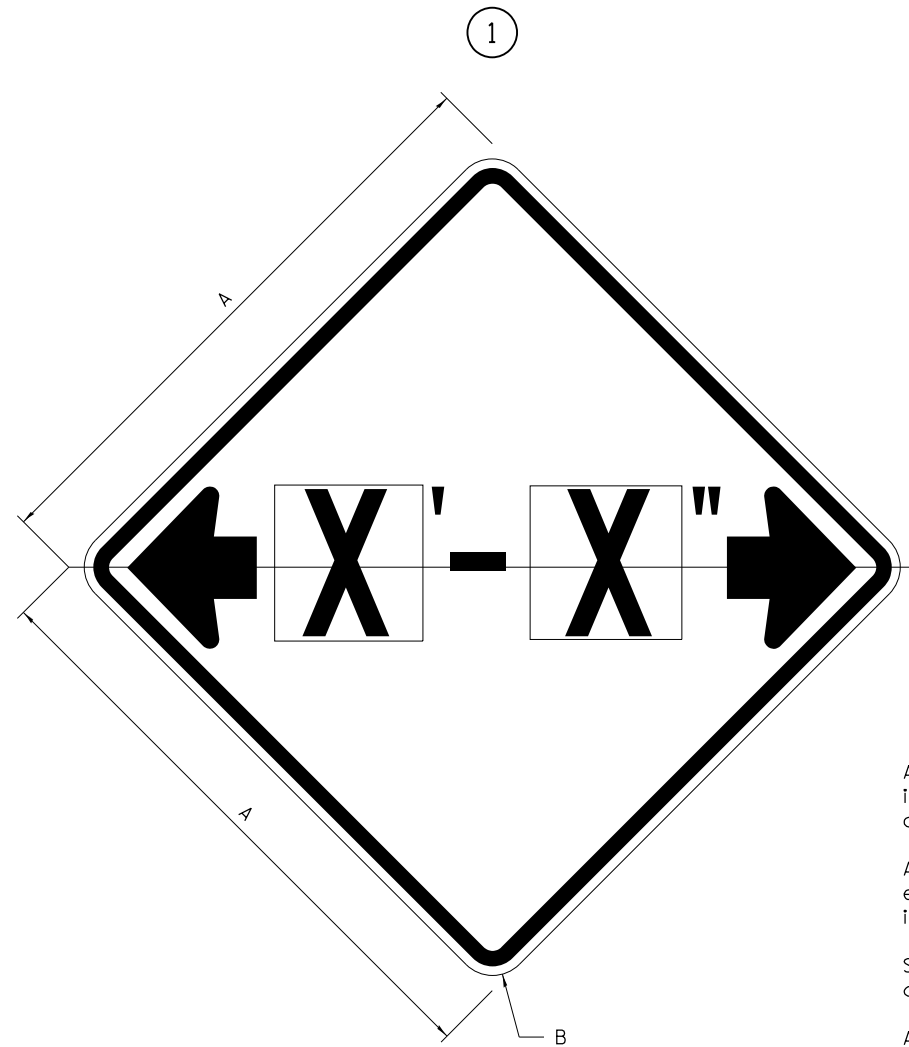
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

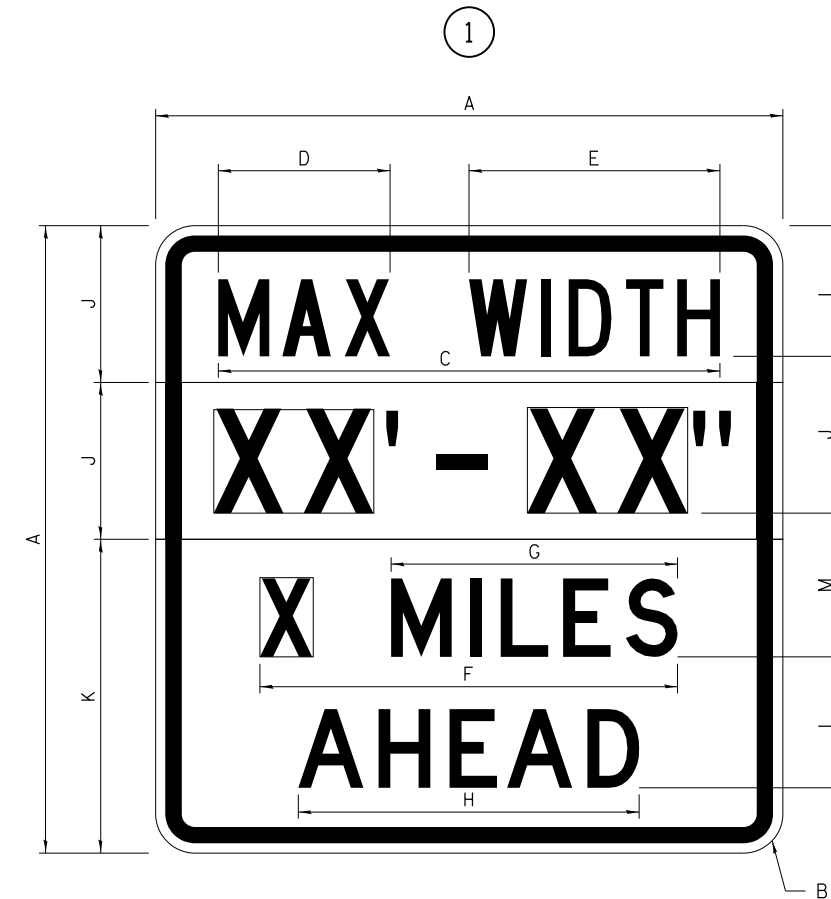
FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\0204714-11-17-17\Drawings\0204714-sht-detail-1.dwg	PLotted	CHECKED -	REVISED -			742	(38, 39)RS-6	OGLE	135	124
PLOT SCALE = 100:0.000 '1' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 64K72				
PLOT DATE = Oct-11-2017 10:38:47 AM	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD W12-I102



## ILLINOIS STANDARD W12-I103



### 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

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

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

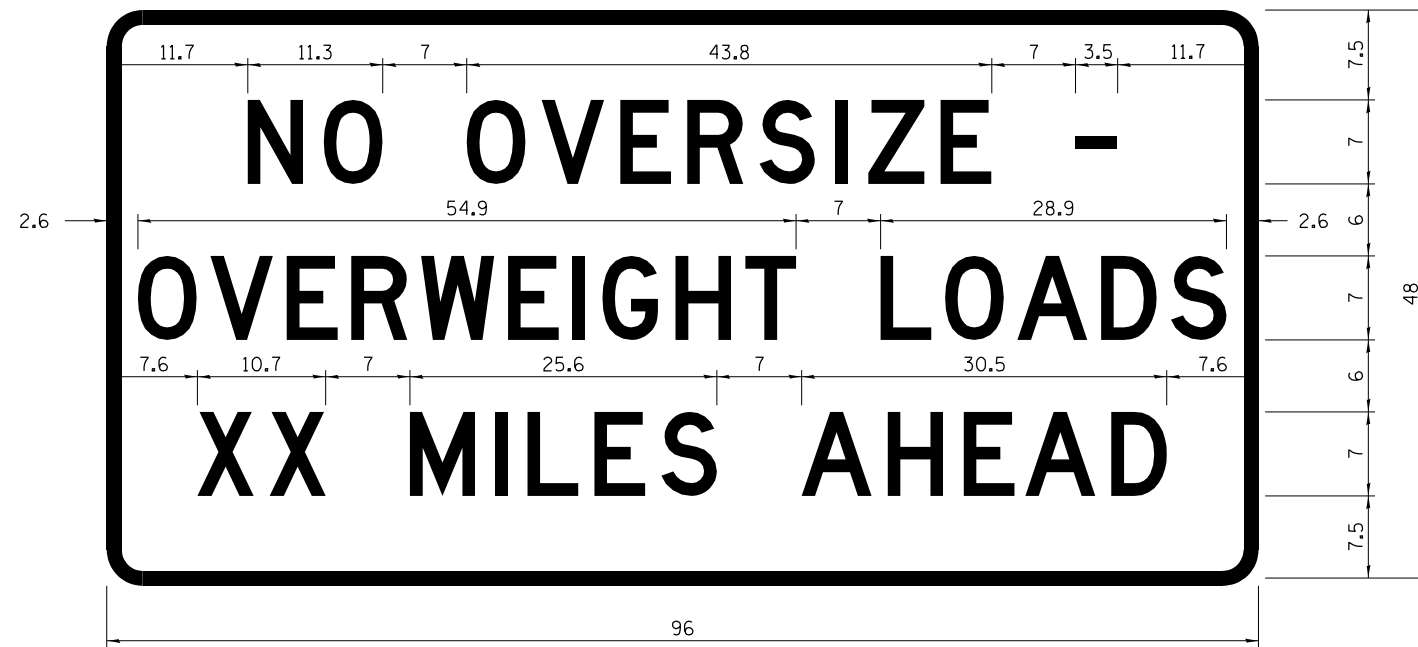
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = batesr1	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>				F.A.P. RTE. 742	SECTION (38, 39)RS-6	COUNTY OGLE	TOTAL SHEETS 135	SHEET NO. 125
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\0204714-11-17-17\Drawings\CAD\Drawings\0204714-sht-detail-1.dwg		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 64K72			
PLOT SCALE = 100:0.000 'r / in.		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						
PLOT DATE = Oct-11-2017 10:39:04 AM													

# WORK ZONE SIGN DETAILS

## STOP LINE SIGN FOR TEMPORARY SIGNALS

### ROAD CLOSED TO OVERSIZED LOADS



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

COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	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.

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

Sign not to scale

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

### 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.

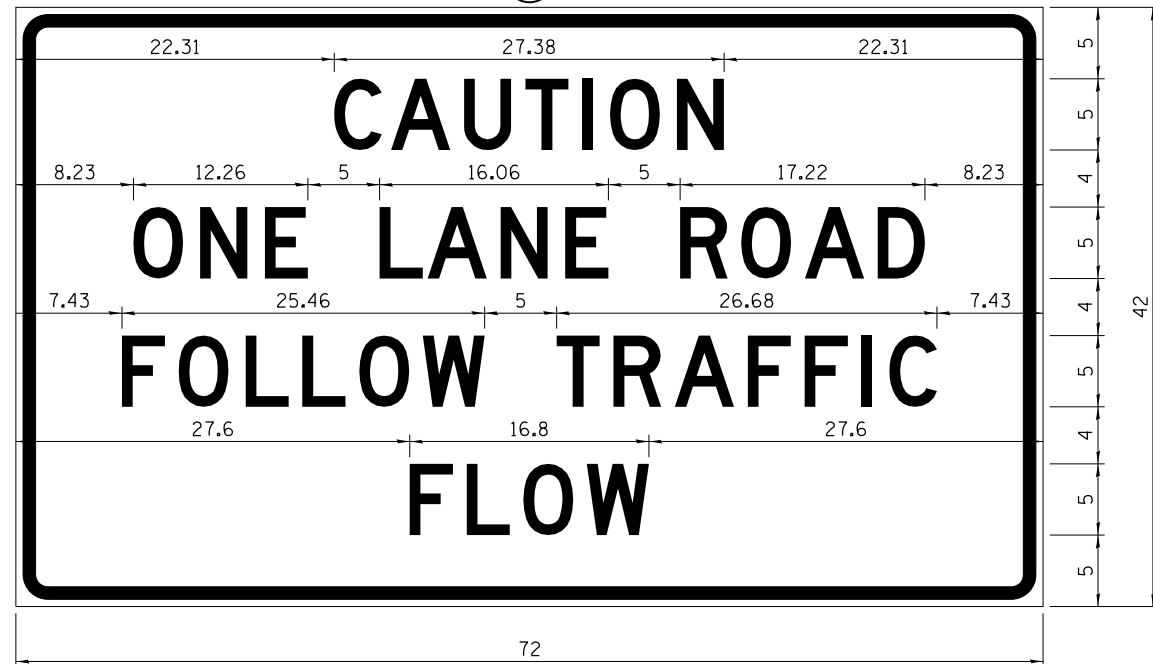
All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBID\TEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\0204714\Drawings\0204714-shd-detail.dwg		CHECKED -	REVISED -			742	(38, 39)RS-6	OGLE	135	126
PLOT SCALE = 100:0.000 ' / in.		DATE -	REVISED -			CONTRACT NO. 64K72				
PLOT DATE = Oct-11-2017 10:39:21 AM						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

**ENTRANCE SIGN FOR USE  
WITH TEMPORARY SIGNALS**

**WORK ZONE SIGN DETAILS**

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;  
[CAUTION] D; [ONE LANE ROAD] D;  
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

**Table Of Widths And Spaces**

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

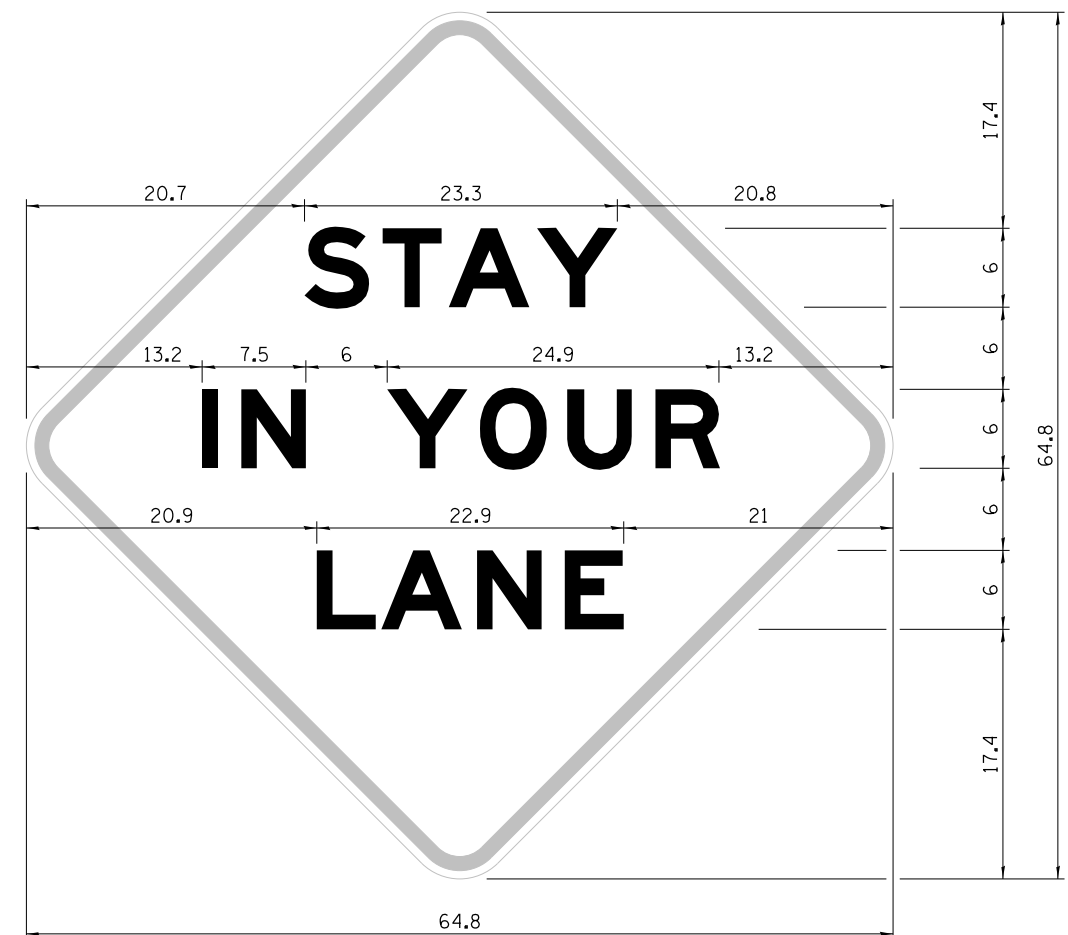
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

**STAY IN YOUR LANE**



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**

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

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.

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 3-02-16
pw:\11\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\0204714\Drawings\CAD\Drawings\0204714-shd-detail.dwg		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 100:0.000 'r' / in.			
PLOT DATE = Oct-11-2017 10:39:38 AM			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

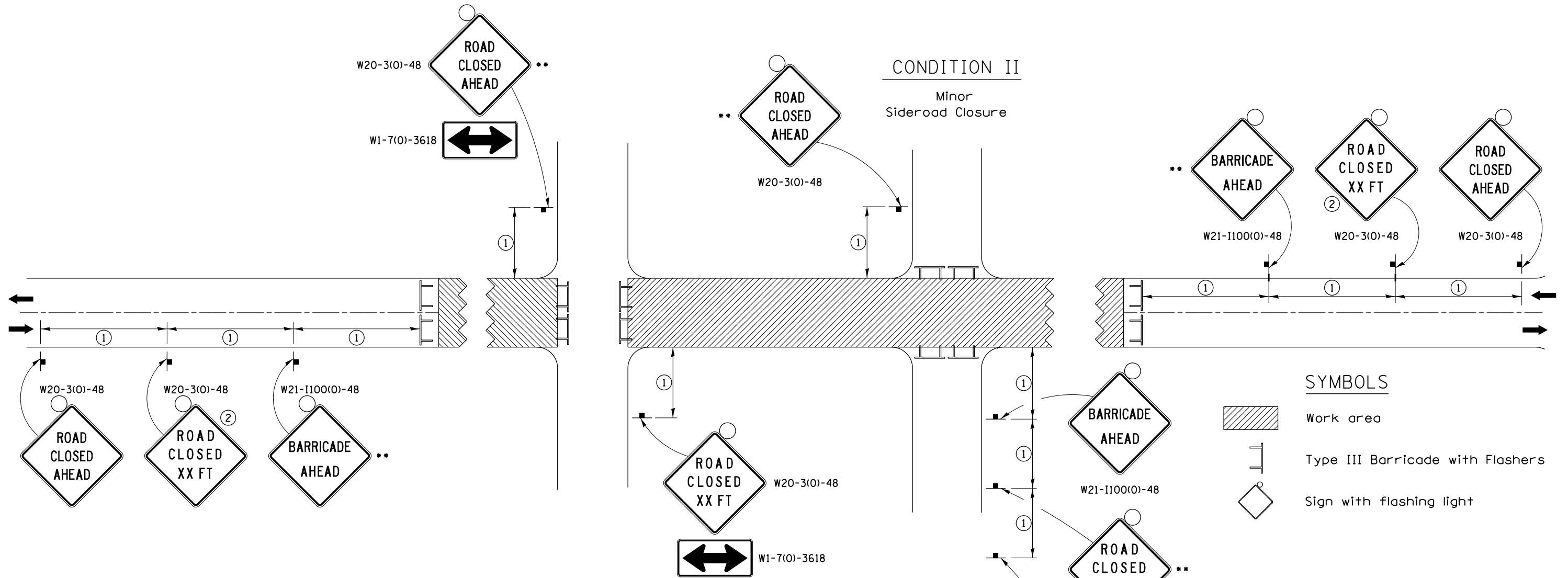
**REGION 2 / DISTRICT 2 STANDARD**

SCALE: SHEET NO. OF SHEETS STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	127
CONTRACT NO. 64K72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



# TRAFFIC CONTROL FOR ROAD CLOSURE



## SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

## GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

\*\* Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

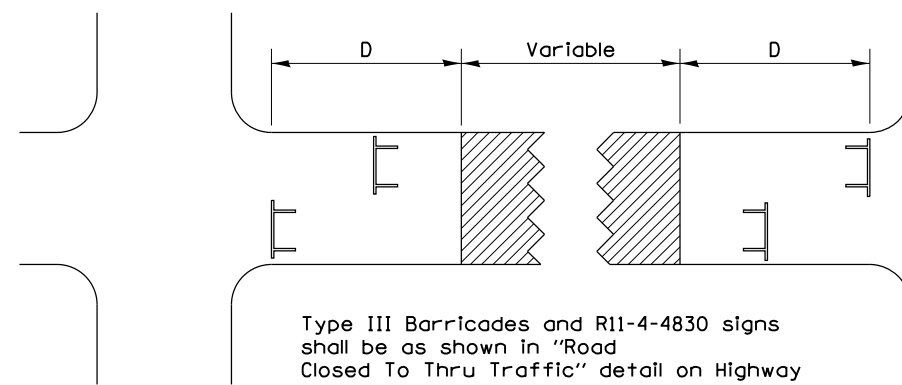
①

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

②

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

## ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

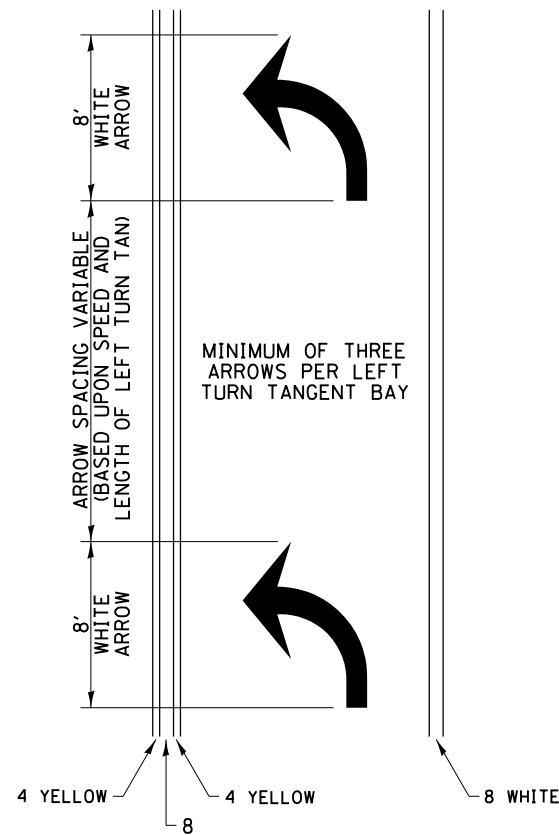
## TYPICAL APPLICATION FOR ROAD CLOSURE

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 8-03-17	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\0207\DRAWING\CADsheets\0204714-sht-detail.dwg	PLotted	CHECKED -	REVISED - 1-05-16					742	(38,39)RS-6	OGLE	135	128
PLOT SCALE = 100:0.000 '1' / in.	DATE -	CHECKED -	REVISED - 8-27-13		CONTRACT NO. 64K27			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = Oct-11-2017 03:14:16 PM	DATE -	CHECKED -	REVISED - 10-17-11		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



# TYPICAL PAVEMENT MARKINGS

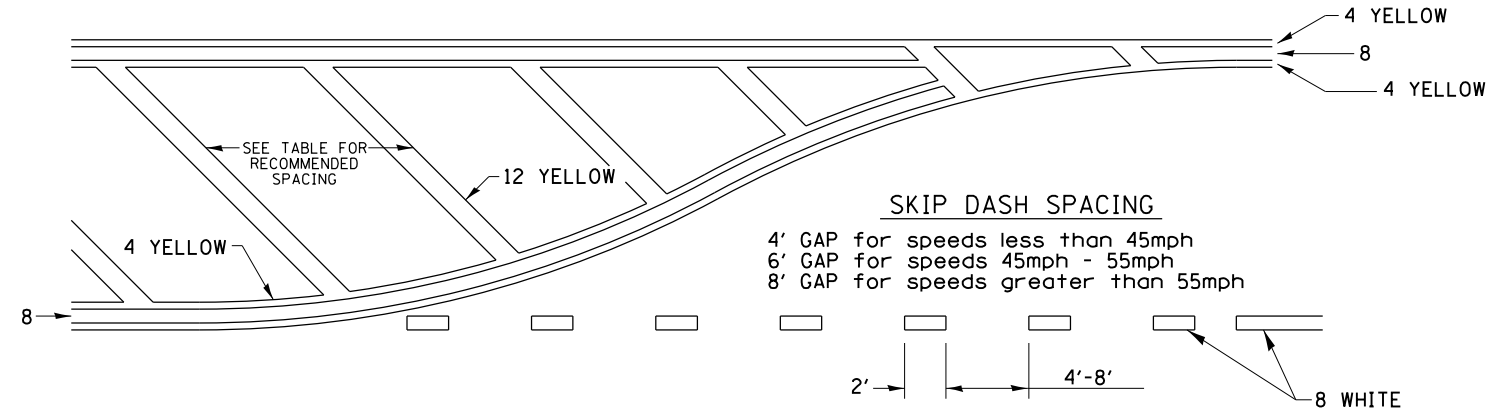
## ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

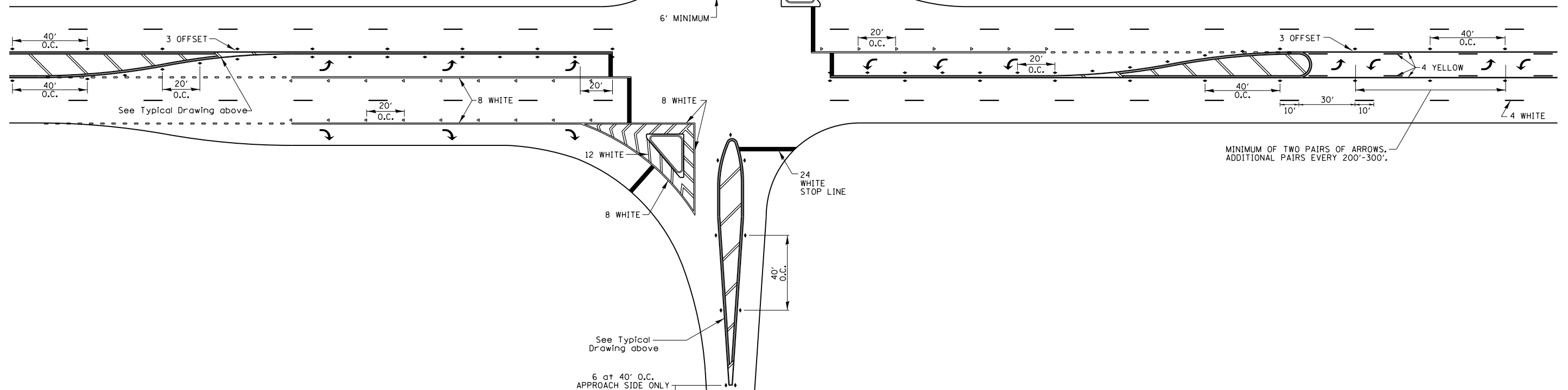
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### 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.



FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 6-27-14
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\0204714\Drawings\CADsheets\0204714-shd-detailed		DRAWN -	REVISED - 3-05-12
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PLOT DATE = Oct-11-2017 10:40:25 AM	DATE -		REVISED -

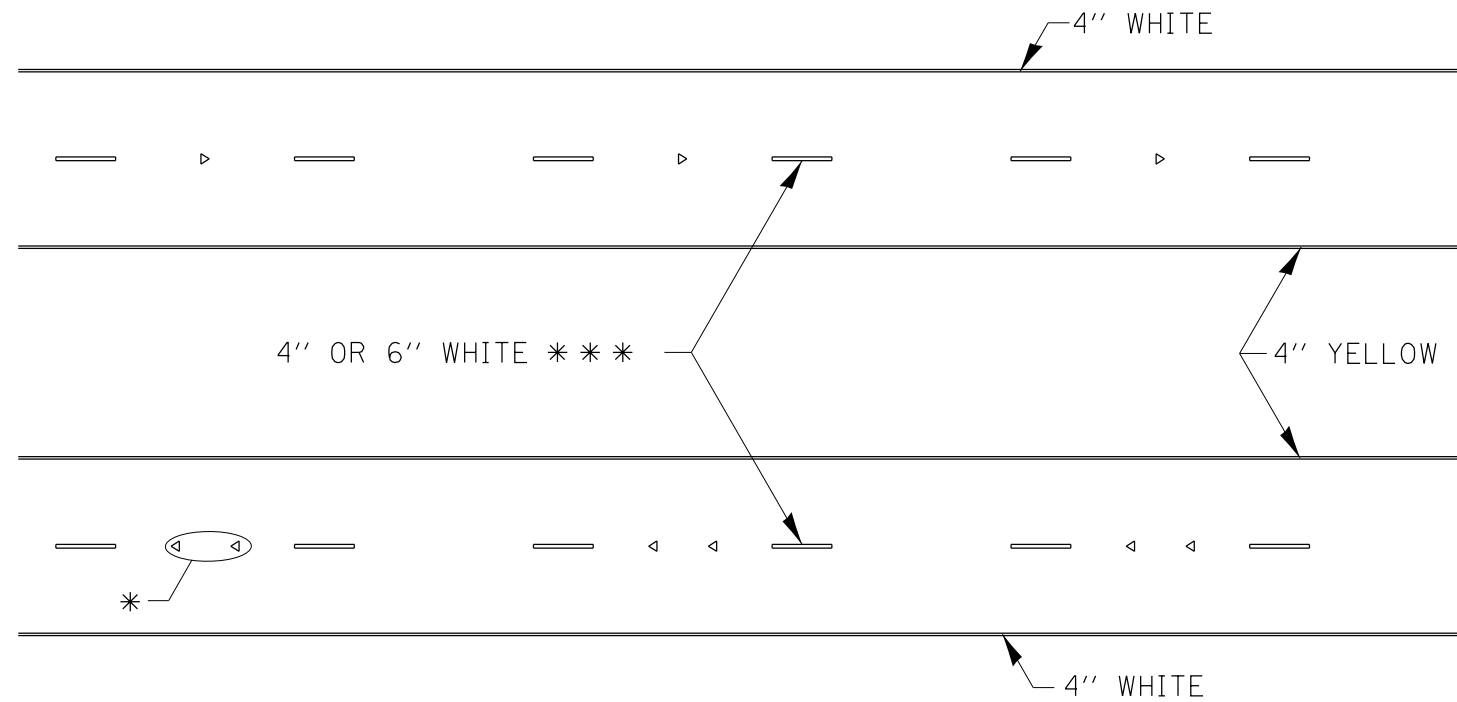
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

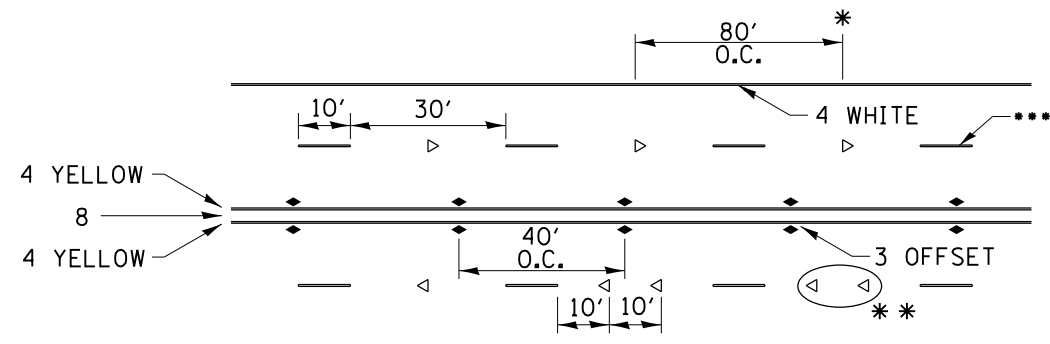
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	130
CONTRACT NO. 64K72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.  
USE DOUBLE MARKERS WHEN ADT > 20,000.

## MULTI-LANE / DIVIDED



\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

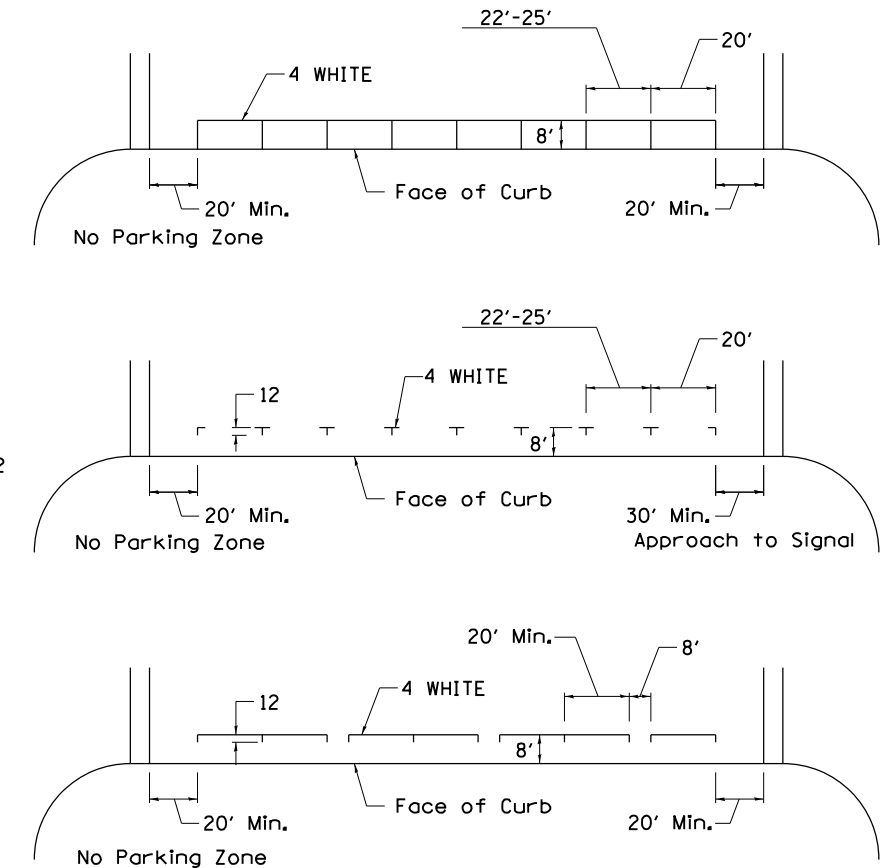
\*\* USE DOUBLE MARKERS WHEN ADT ≥ 20,000

\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

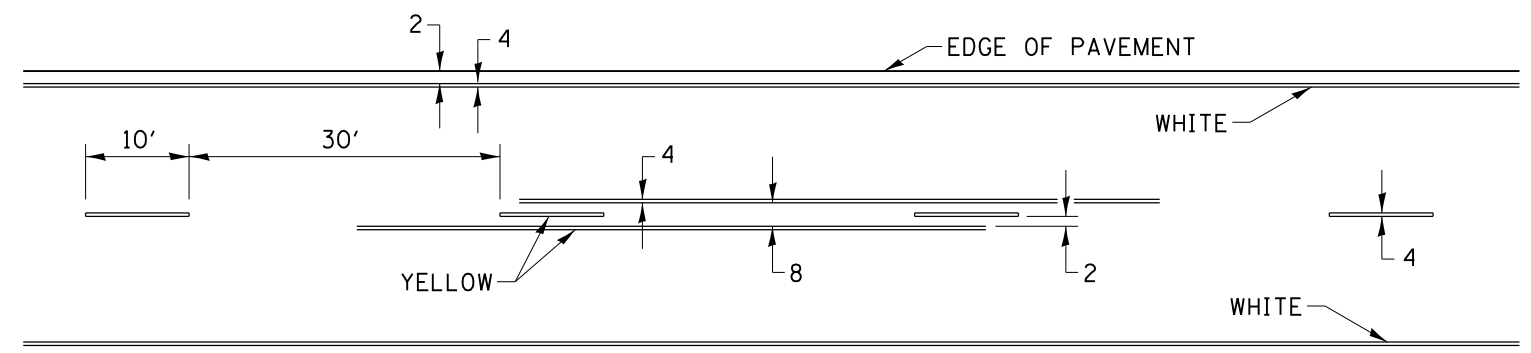
## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING



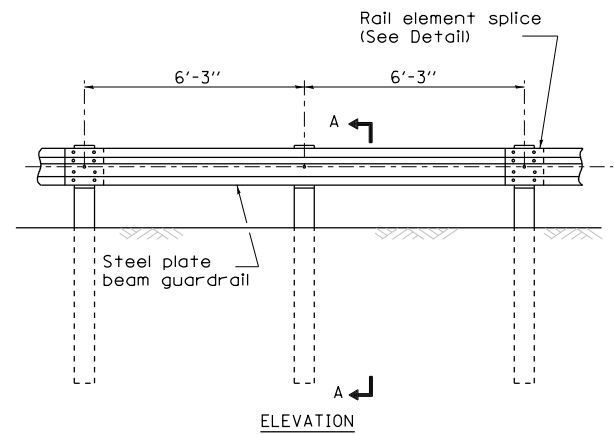
## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



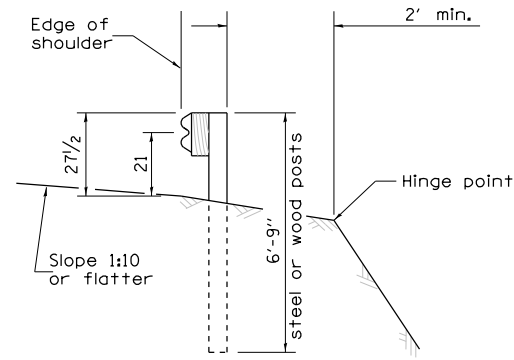
## SYMBOLS

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 6-27-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\0207\Drawings\CAD\Drawings\020714-shd-detail.dwg	DRAWN BY	CHECKED -	REVISED - 8-27-13					742	(38, 39)RS-6	OGLE	135	131
		PLOT SCALE = 100:0.000 ' / in.	REVISED - 11-28-12		CONTRACT NO. 64K72							
		PLOT DATE = Oct-11-2017 10:40:39 AM	DATE -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

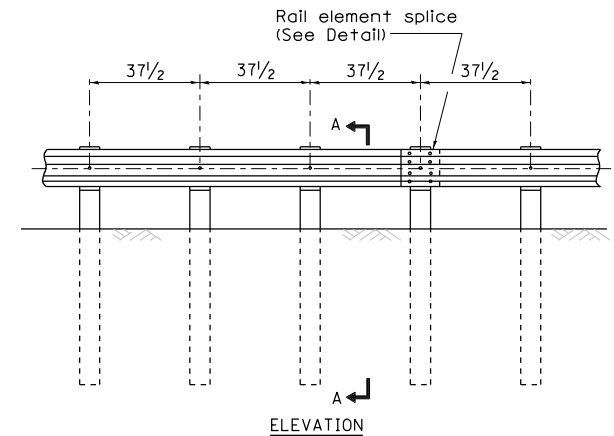
# REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



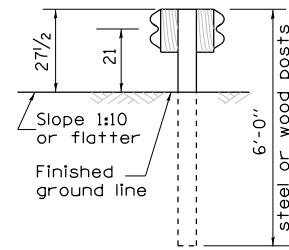
**TYPE A**  
6'-3" Typical post spacing



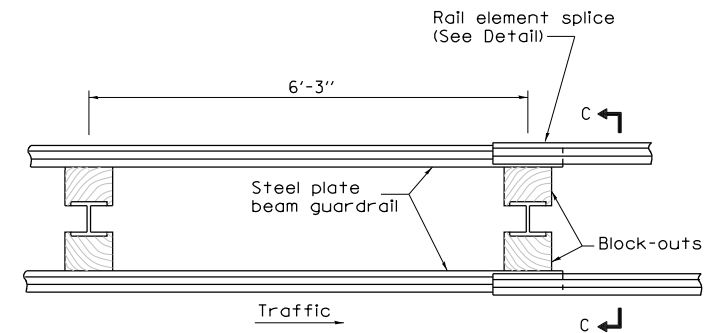
SECTION A-A



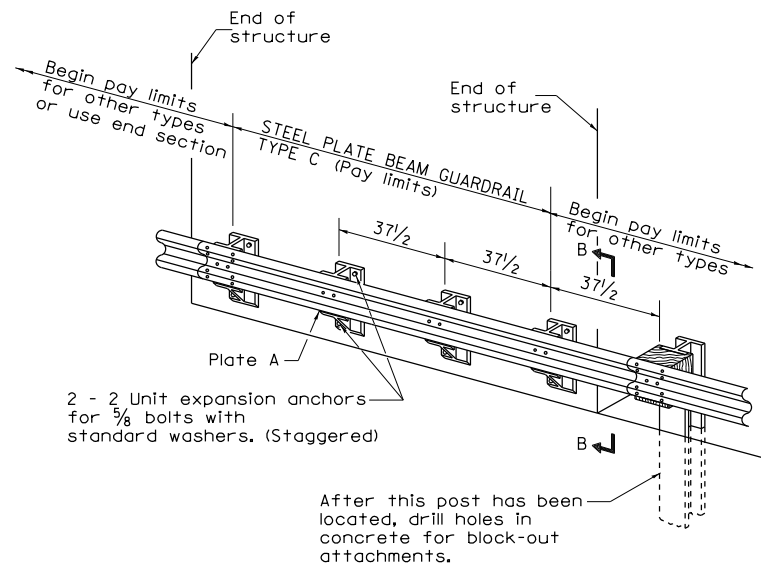
**TYPE B**  
37 1/2" Closed post spacing



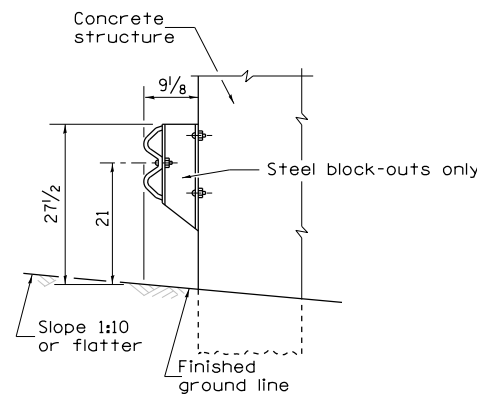
SECTION C-C



**TYPE D**  
Double steel plate beam guardrail  
6'-3" typical post spacing



**TYPE C**  
37 1/2" Block-out spacing



SECTION B-B

## GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise shown.

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 1-05-16
pw\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\0204714\Drawings\0204714-shd-detail.dwg		CHECKED -	REVISED - 10-18-11
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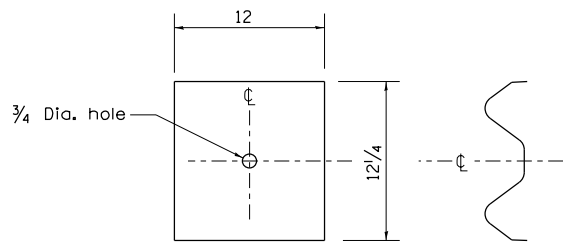
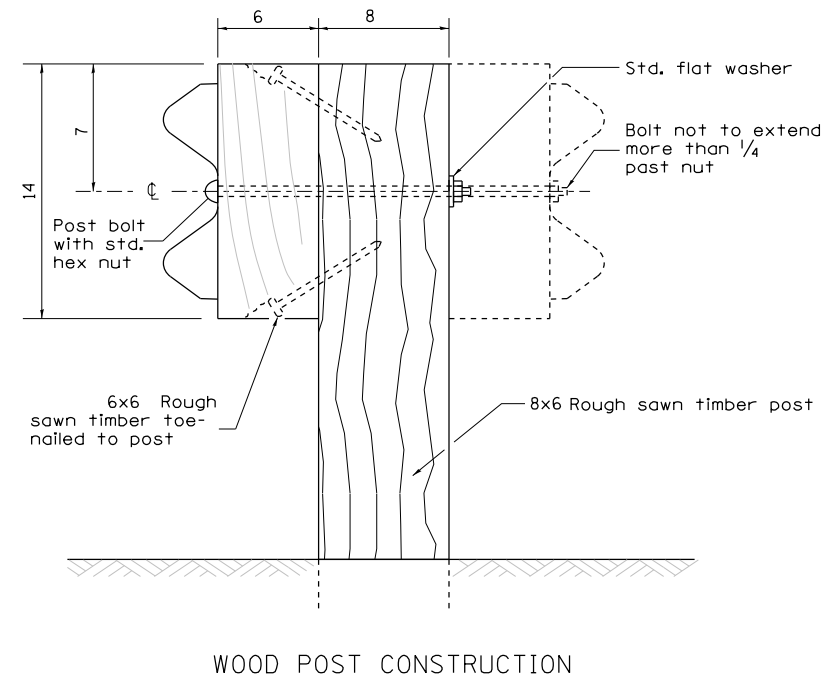
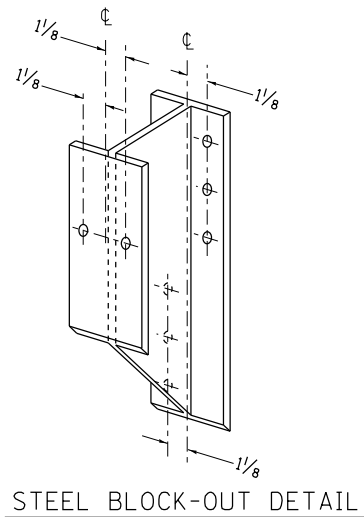
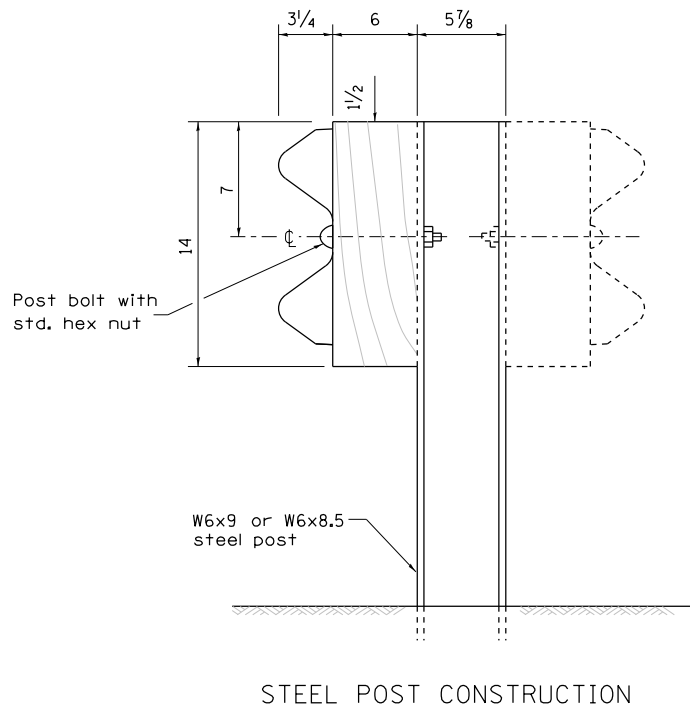
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	132
CONTRACT NO. 64K72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

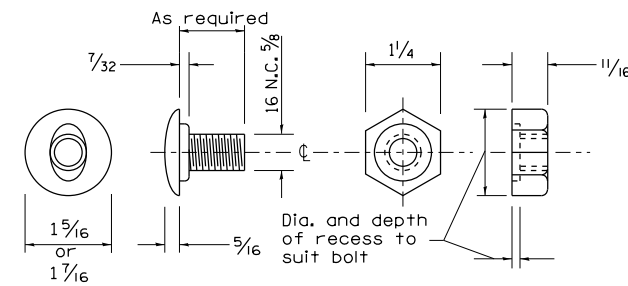
# REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 1-05-16
pw:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\2020\Drawings\CADsheets\204714-shr-detail.dwg		CHECKED -	REVISED - 10-18-11
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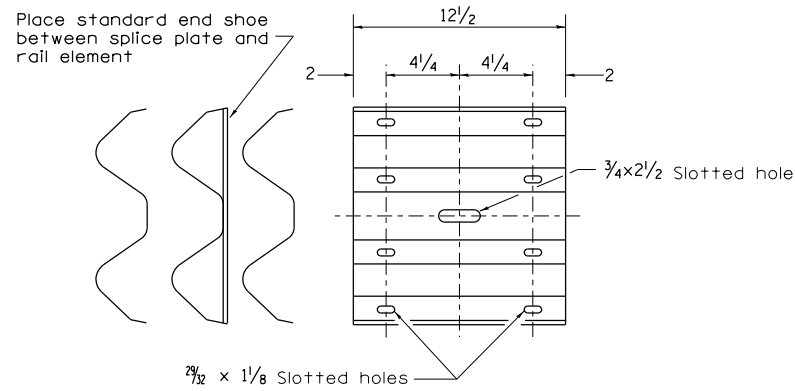
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

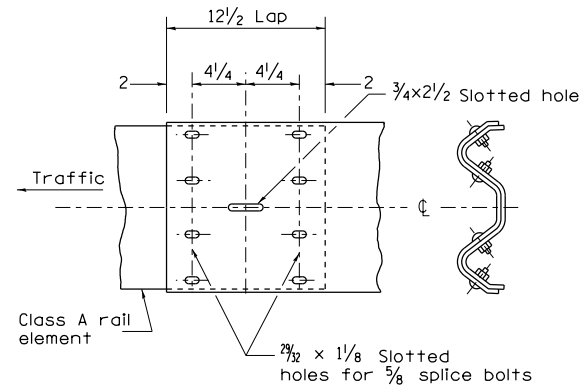
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	133
CONTRACT NO. 64K72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

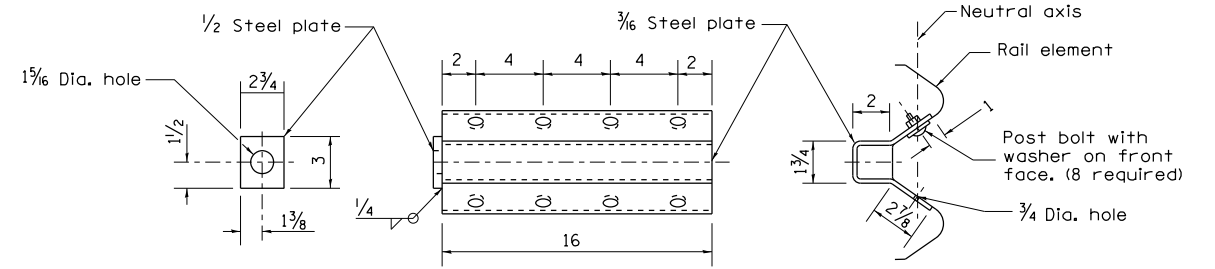
# REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



**SPLICE PLATE**



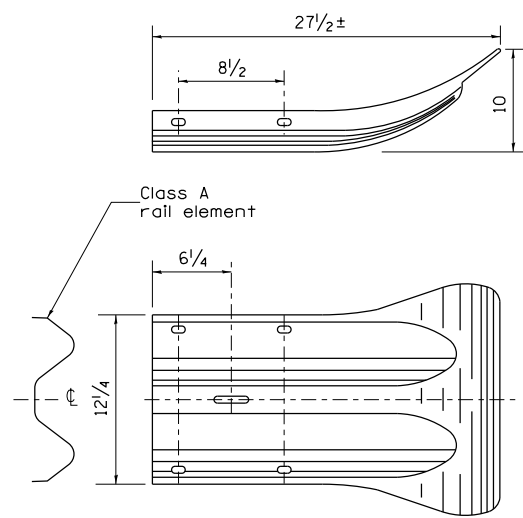
**RAIL ELEMENT SPLICE**



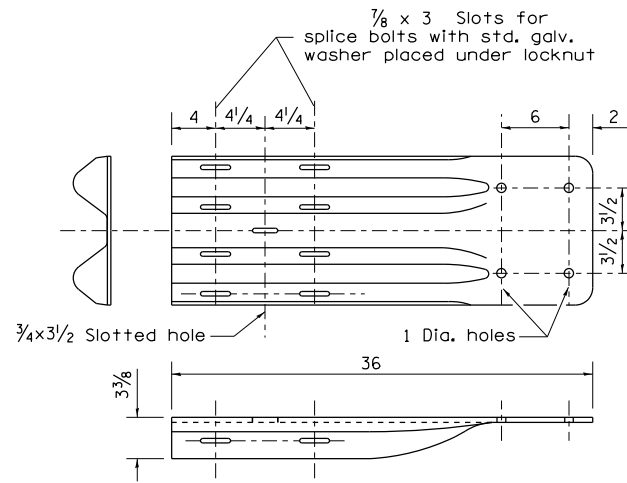
NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

**ANCHOR PLATE T DETAILS**



**END SECTION**



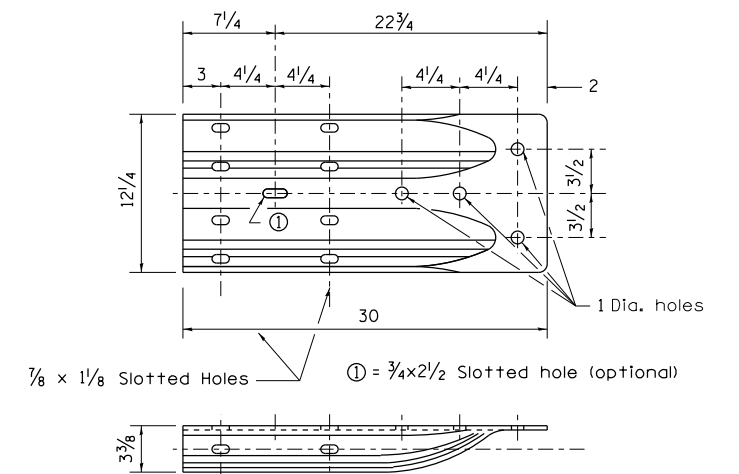
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

**END SHOE**



**ALTERNATE END SHOE**

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 1-05-16
pw:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\0204714-sht-detail		CHECKED -	REVISED - 10-18-11
		DATE -	REVISED -

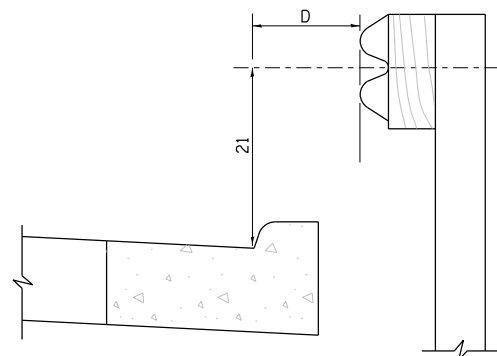
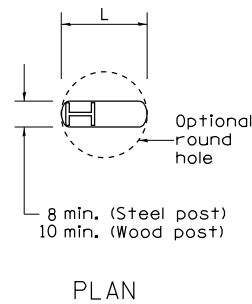
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARD**

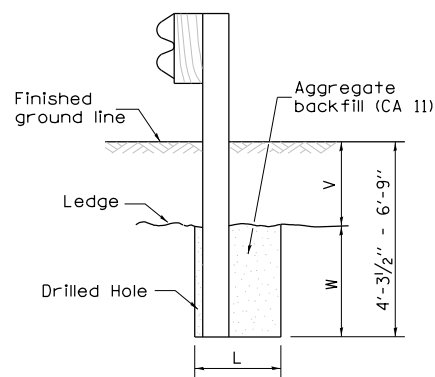
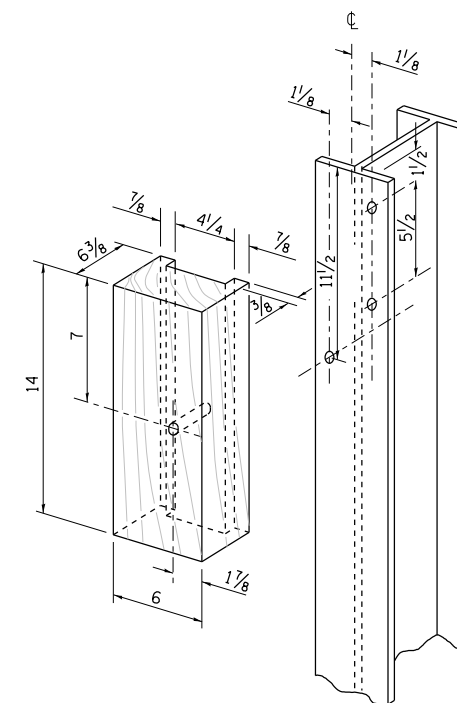
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38,39)RS-6	OGLE	135	134
CONTRACT NO. 64K72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



Note:  
If it is necessary for D to be more than 12 and less than 10'-0" type M-2 curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

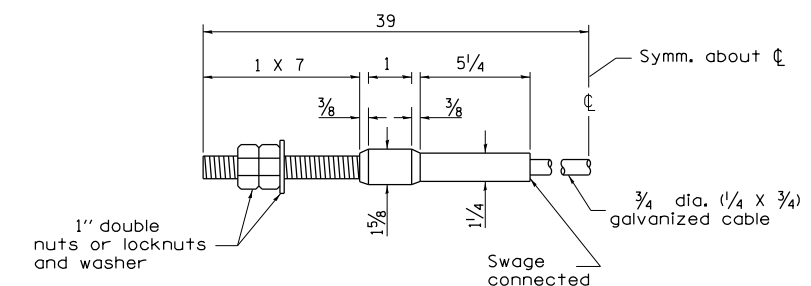


Note:  
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

V	W	L	
		Steel Post	Wood Post
0 - 18	24	21	23
>18 - 41.5	12	8	10
>41.5 - 53.5	12 - 0	8	10



CABLE ASSEMBLY  
(40,000 lbs. min. breaking strength)  
Tighten to fault tension.

FILE NAME =	USER NAME = bates-1	DESIGNED -	REVISED - 1-05-16
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2020\Drawings\CADsheets\204714-sht-detail		DRAWN -	REVISED - 10-18-11
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(38, 39)RS-6	OGLE	135	135
CONTRACT NO. 64K72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				