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DISTRICT ONE DETAILS

STANDARD NO.	LIST OF DESCRIPTION
BD01	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ TO 15 FT
BD02	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER < TO 15 FT
BD07	DETAIL OF STORM SEWER CONNECTION TO EXISTING STORM SEWER
BD12	MANHOLE WITH RESTRICTOR PLATE
BD32	BUTT JOINT AND HMA TAPER DETAILS
BD48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
BD51	BENCHMARK DETAIL FOR EMBANKMENT WIDENING
BD52	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS
TC10	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC22	ARTERIAL ROAD INFORMATION SIGN

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420106-04	36' JOINTED PCC PAVEMENT
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CURB FOR SIDEWALKS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542311-06	TRAVERSABLE PIPE GRATE
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602406-07	MANHOLE, TYPE A 6' DIAMETER
602416-05	MANHOLE, TYPE A 8' DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE TYPE 8
604046-03	FRAME AND GRATE, TYPE 10
604051-04	FRAME AND GRATE, TYPE 11
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
643001-02	SAND MODULE IMPACT ATTENUATORS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
836001-02	LIGHT POLE FOUNDATION
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-06	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-08	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND STATE STANDARDS	
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	D8-00083-00-CH	KANE	259	2
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E73	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION CODE			
				ROADWAY 80% FEDERAL 20% LOCAL 0004	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	100% LOCAL 004
X5610744	WATER MAIN LINE STOP 4"	EACH	2				2
X5610746	WATER MAIN LINE STOP 6"	EACH	2				2
X5610748	WATER MAIN LINE STOP 8"	EACH	1				1
X5610752	WATER MAIN LINE STOP 12"	EACH	2				2
X5610756	WATER MAIN LINE STOP 16"	EACH	1				1
X5610822	DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE 12" IN TRENCH	FOOT	140				140
X5610826	DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE 16" IN TRENCH	FOOT	1,939				1,939
X5630704	CONNECTION TO EXISTING WATER MAIN 4"	EACH	2				2
X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	3				3
X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	3				3
X5630716	CONNECTION TO EXISTING WATER MAIN 16"	EACH	2				2
X6020293	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	2	2			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	2,520	2,520			
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	50 FT	21,529	21,529			
X8100105	CONDUIT SPLICE	EACH	1		1		
X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	8			8	
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2		2		
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F 5M24F	FOOT	2,685.5		2,685.5		
XT010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
XT040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	366	366			
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1			
Z0012450	CONCRETE STEPS	CU YD	3	3			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	155	155			
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1		
Z0062456	TEMPORARY PAVEMENT	50 YD	2,081	2,081			
Z0045800	PRESSURE VALVE INSERT, 8 INCH	EACH	4				4
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	275	275			
Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1	1			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	553	553			
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	223	223			
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3		3		
Z0076600	TRAINEES	HOUR	1,500	1,500			
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,500	1,500			
XX008473	HEAVY ROOT CLEANING	HOUR	50				50
XX008475	PROTUDING TAP REMOVAL	EACH	50				50
XX006800	LEAD WATER SERVICE REPLACEMENT	EACH	22				22
Z0073345	SLEEPER SLAB	FOOT	591	591			

* SPECIAL PROVISION
+ SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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PROJECT CONTACT: JRM
CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
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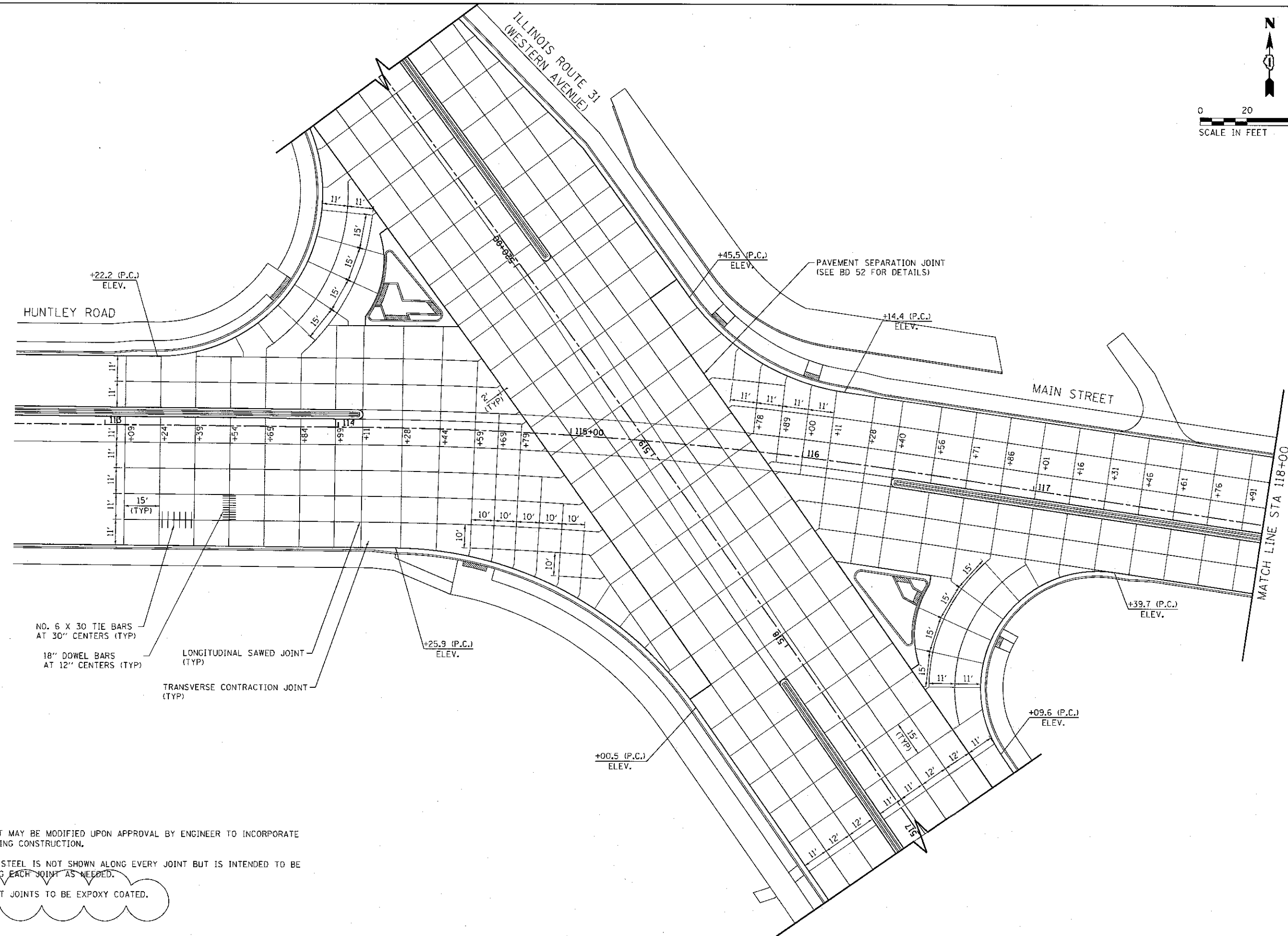
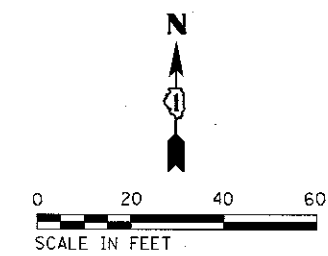
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 7 OF 7 SHEETS STA. TO STA.

P.A.J. RTE. 3887	SECTION 08-00083-00-CH	COUNTY KANE	TOTAL SHEETS 259	SHEET NO. 10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E73	
			51E73	



NO. 6 X 30 TIE BARS
AT 30" CENTERS (TYP)

18" DOWEL BARS
AT 12" CENTERS (TYP)

LONGITUDINAL SAWED JOINT
(TYP)

TRANSVERSE CONTRACTION JOINT
(TYP)

NOTES:

1. JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.
3. ALL PAVEMENT JOINTS TO BE EXPOXY COATED.

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 CLIENT: HRGreen.com
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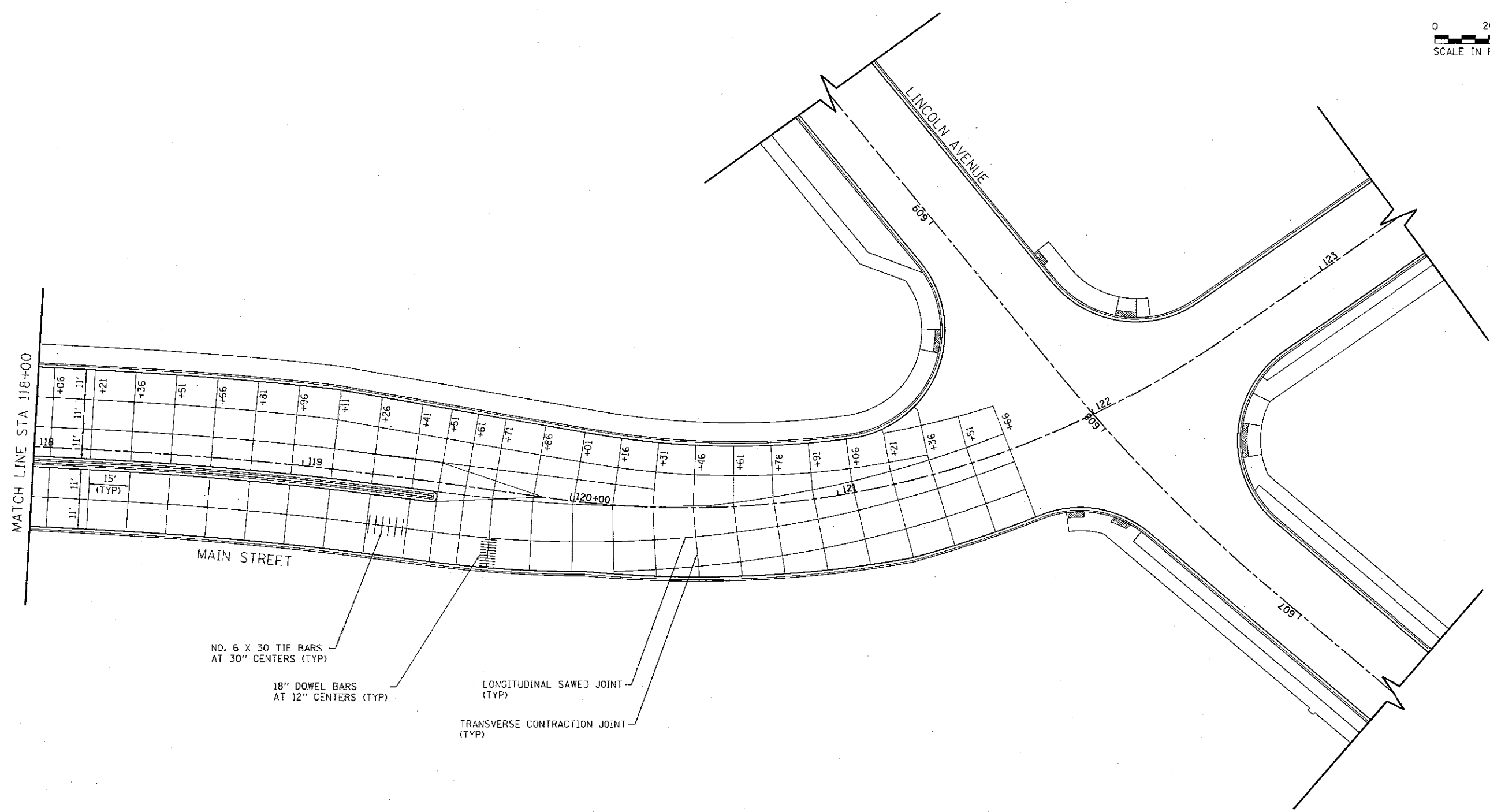
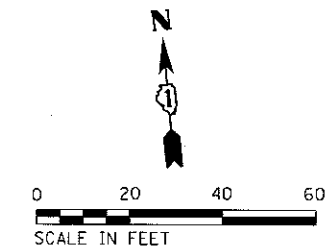
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT JOINTING PLAN
HUNTLEY ROAD/MAIN STREET AT IL RTE 31**

SCALE: 1"=20' SHEET NO. 1 OF 6 SHEETS STA. 113+00.00 TO STA. 118+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	08-00083-00-CH	KANE	259	103
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61E73	
			61E73	

Revision 10: 8/10/00-ent-pvt-joint-01.dgn



- NO. 6 X 30 TIE BARS AT 30" CENTERS (TYP)
- 18" DOWEL BARS AT 12" CENTERS (TYP)
- LONGITUDINAL SAWED JOINT (TYP)
- TRANSVERSE CONTRACTION JOINT (TYP)

NOTES:

1. JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.
3. ALL PAVEMENT JOINTS TO BE EXPOXY COATED.

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 PROJECT CONTACT: jme3h
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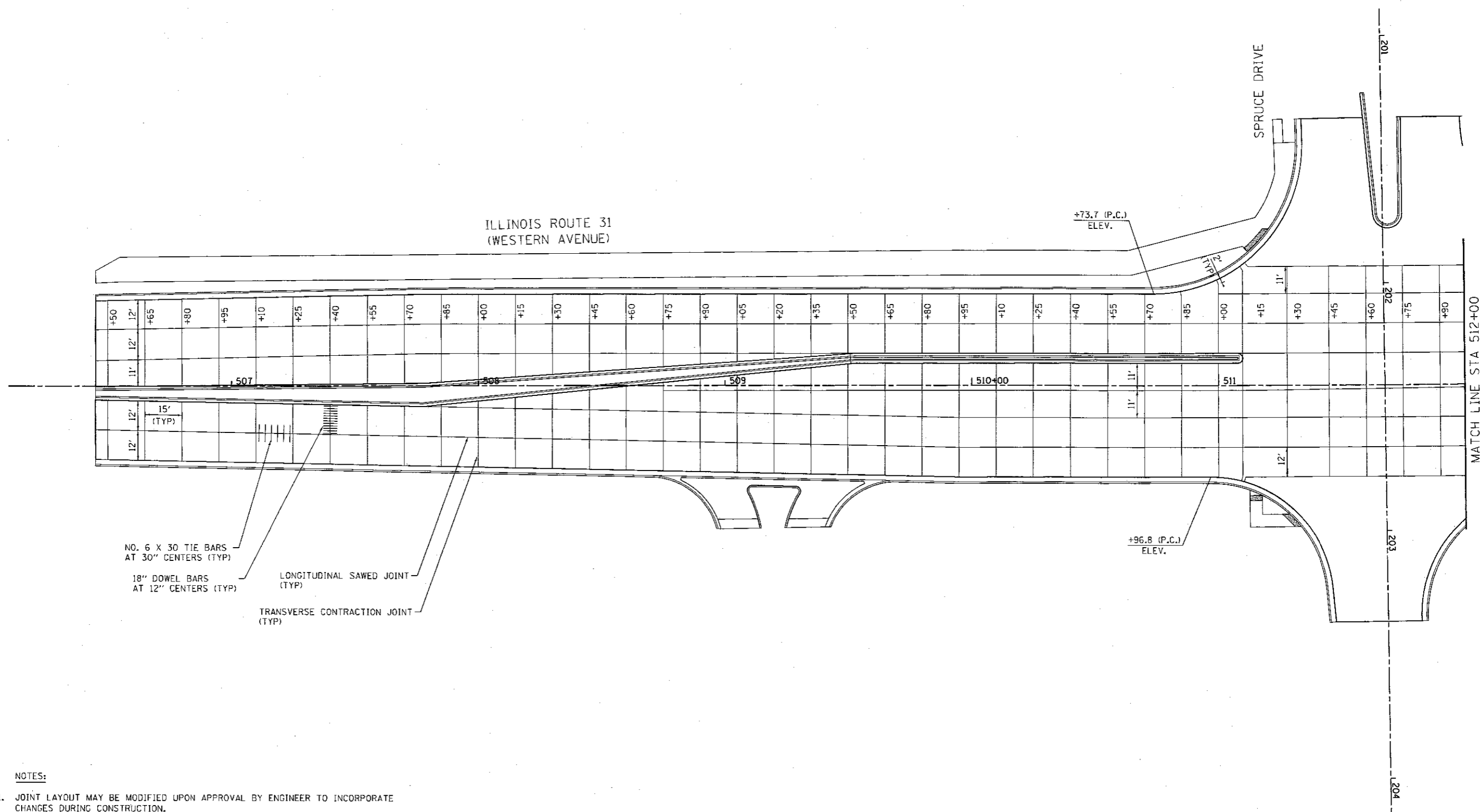
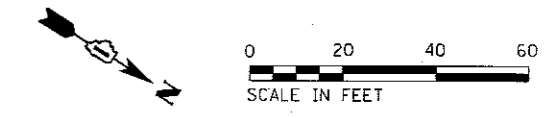


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT JOINTING PLAN HUNTLEY ROAD/MAIN STREET		
SCALE: 1"=20'	SHEET NO. 2 OF 6 SHEETS	STA. 118+00.00 TO STA. 121+65.00

F.A.U. RTE. 3887	SECTION 08-00083-00-CH	COUNTY KANE	TOTAL SHEETS 259	SHEET NO. 104
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61E73 61E73	



NO. 6 X 30 TIE BARS
AT 30" CENTERS (TYP)

18" DOWEL BARS
AT 12" CENTERS (TYP)

LONGITUDINAL SAWED JOINT
(TYP)

TRANSVERSE CONTRACTION JOINT
(TYP)

- NOTES:
- JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
 - REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.
 - ALL PAVEMENT JOINTS TO BE EXPOXY COATED.

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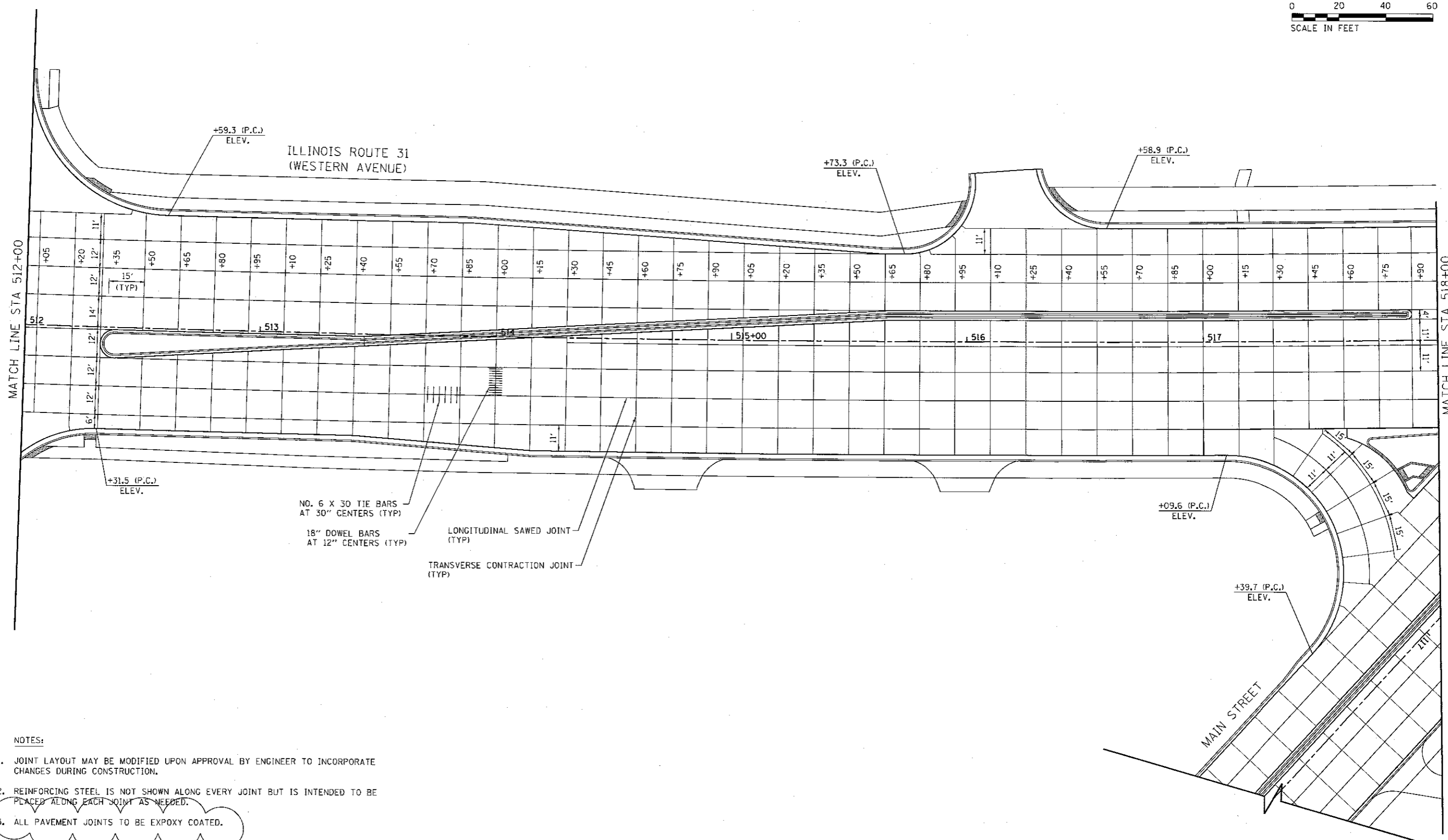
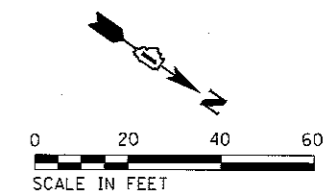
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT JOINTING PLAN
ILLINOIS ROUTE 31**

SCALE: 1"=20' SHEET NO. 3 OF 6 SHEETS STA. 506+45.00 TO STA. 512+00.00

F.A.U. RTE. 3881	SECTION 08-00083-00-CH	COUNTY KANE	TOTAL SHEETS 259	SHEET NO. 105
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61E73	



- NOTES:
- JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
 - REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.
 - ALL PAVEMENT JOINTS TO BE EXPOXY COATED.

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 HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

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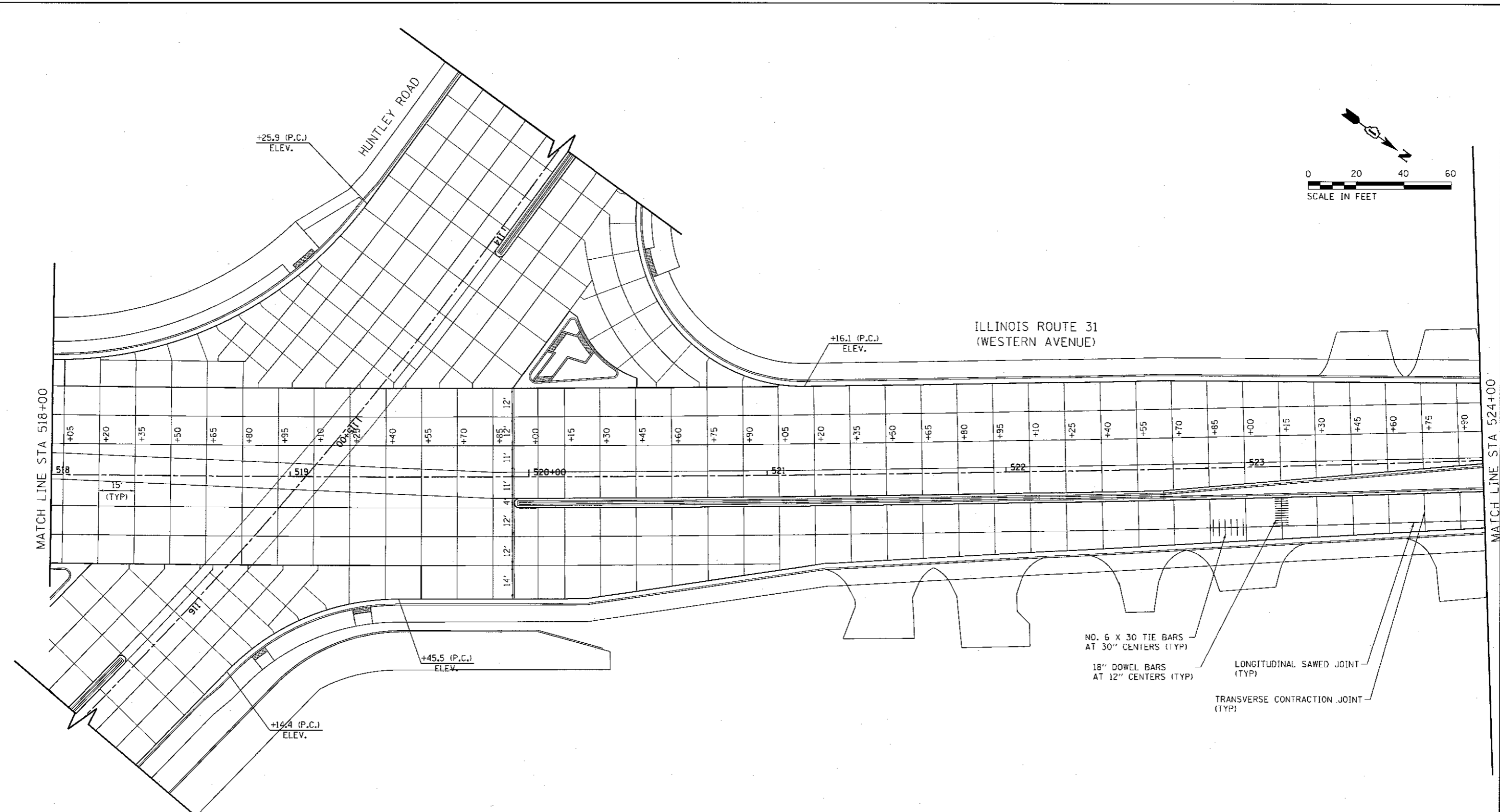
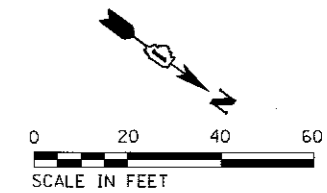
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT JOINTING PLAN
 ILLINOIS ROUTE 31**

SCALE: 1"=20' SHEET NO. 4 OF 8 SHEETS STA. 512+00.00 TO STA. 518+00.00

F.A.U. RTE. 3887	SECTION 08-00083-00-CH	COUNTY KANE	TOTAL SHEETS 259	SHEET NO. 106
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E73	

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NOTES:

1. JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.
3. ALL PAVEMENT JOINTS TO BE EXPOXY COATED.

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 Illinois Professional Design Firm
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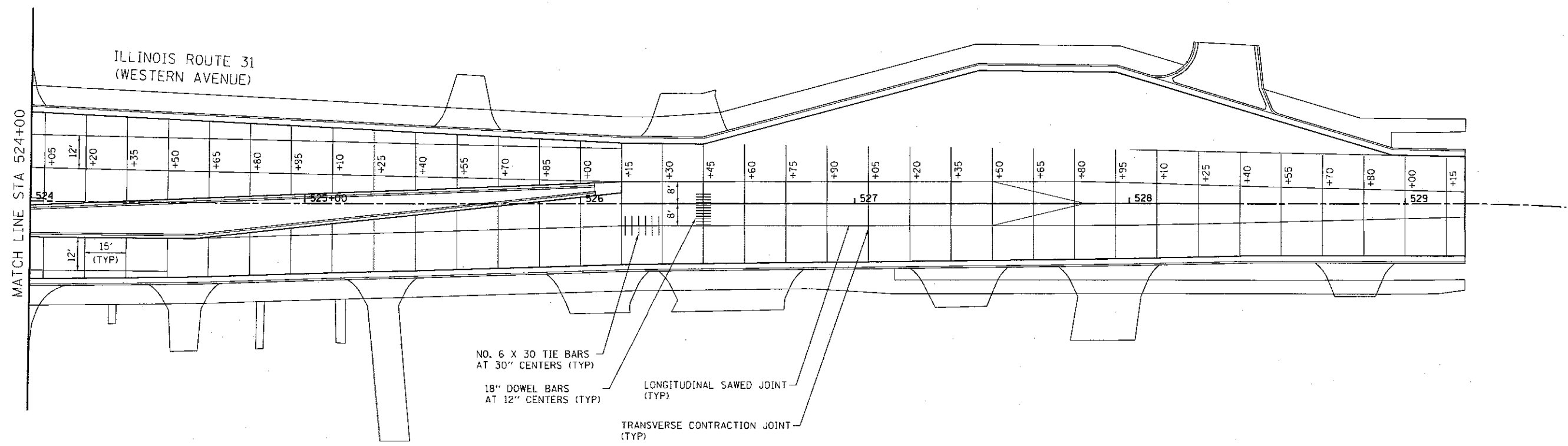
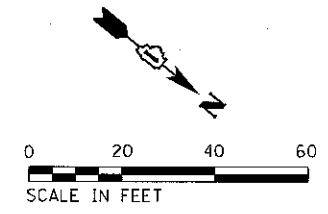
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINTING PLAN
ILLINOIS ROUTE 31

SCALE: 1"=20' SHEET NO. 5 OF 6 SHEETS STA. 518+00.00 TO STA. 524+00.00

F.A.U. RTE. 3887	SECTION 08-00083-00-CH	COUNTY KANE	TOTAL SHEETS 259	SHEET NO. 107
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E73	

8614000-ent-pv-joint-05.dgn
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NO. 6 X 30 TIE BARS
AT 30" CENTERS (TYP)

18" DOWEL BARS
AT 12" CENTERS (TYP)

LONGITUDINAL SAWED JOINT
(TYP)

TRANSVERSE CONTRACTION JOINT
(TYP)

NOTES:

1. JOINT LAYOUT MAY BE MODIFIED UPON APPROVAL BY ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS NEEDED.
3. ALL PAVEMENT JOINTS TO BE EXPOXY COATED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINTING PLAN
ILLINOIS ROUTE 31

SCALE: 1"=20' SHEET NO. 6 OF 6 SHEETS STA. 524+00.00 TO STA. 529+22.01

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
388T	08-00083-00-CH	KANE	259	108
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E73	

REVISIONS: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100