URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				LAKE COUNTY					LAKE CO FOREST PD	OLD MILL CREEK	LINDENHURST	LAKE CO FIRE PROTECTION DISTRICT	LAKE VILLA TOWNSHIP
				100% COUNTY					80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	80% COUNTY 20% LOCAL	100% LOCAL	80% COUNTY 20% LOCAL
				ROADWAY	SN 049-0610	SN 049-0606 049-0611 049-0607	TRAF SIG PR US 45 @ PR GRASS LAKE	TRAF SIG EX US 45 @ PR GRASS LAKE	SIDEWALK & PATH	SIDEWALK & PATH	SIDEWALK & PATH	TRAFFIC SIGNAL EVP	SIDEWALK
				0001	0008	0008	0021	0021	0028	0028	0028	0021	0028
52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	3,777		2,115	1,662							
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	3	1		2							
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	3	1		2							
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	3	1		2							
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	1	1									
54001005	BOX CULVERT END SECTIONS, CULVERT NO. 5	EACH	1	1									
54001006	BOX CULVERT END SECTIONS, CULVERT NO. 6	EACH	1	1									
54001007	BOX CULVERT END SECTIONS, CULVERT NO. 7	EACH	1	1									
54001008	BOX CULVERT END SECTIONS, CULVERT NO. 8	EACH	1	1									
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	960	960									
54010404	PRECAST CONCRETE BOX CULVERTS 4' X 4'	FOOT	105			105							
54010505	PRECAST CONCRETE BOX CULVERTS 5' X 5'	FOOT	104			104							
54011005	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	105			105							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4									

* SPECIALTY ITEMS

10 1 7

USER NAME = 35361	DESIGNED BN	REVISED -	
	DRAWN BN	REVISED	
PLOT SCALE = 1.0000 ' / in.	CHECKED FZ	REVISED	
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED	

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.
344	39 R	LAKE	510	12
		CONTRACT NO. 60T75		
	ILLINOIS FED. AID PROJECT			

1 REV 4-16-18

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. MARKED / NOTE BOOK NO. / MOD FILE NAME / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / NOTE BOOK NO. / STRUCTURE NOTATIONS CHKD / BY / DATE

FILE NAME = pw:\\tapla02pwin10:personnel.com:Illinois State\Documents\U545 - 647965\40 - Design\CAD\Roadway\Sheets\0168775_sht_SOQ_06.dgn

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: LAKE COUNTY 100% COUNTY ROADWAY 0001	SN 049-0610 0008	SN 049-0606 049-0611 049-0307 0008	TRAF SIG PR US 45 @ PR GRASS LAKE 0021	TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	OLD MILL CREEK 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LINDENHURST 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT 100% LOCAL TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP 80% COUNTY 20% LOCAL SIDEWALK 0028
60500050	REMOVING CATCH BASINS	EACH	4	4									
60500060	REMOVING INLETS	EACH	4	4									
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,329	1,329									
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	16,281	16,281									
60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	11,829	11,829									
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	548	548									
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	10,935	10,935									
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	830	830									
61133300	FIELD TILE JUNCTION VAULTS, 4' DIA.	EACH	17	17									
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	528	528									
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	375	375									
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4									
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4									
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	68	68									

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* SPECIALTY ITEMS

USER NAME = 35361	DESIGNED BN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN BN	REVISED	
PLOT SCALE = 1.0000 ' / in.	CHECKED FZ	REVISED	
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED	

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	17
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

1 REV 4-16-18

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / CADD FILE NAME / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

FILE NAME = pw:\\sgpldf2pwin01.quarsnova.com:illinois State\Documents\US45 - 6479851V0 - Design\CAD\Roadway\Sheets\0168175-sht-SQU.11.dgn

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: LAKE COUNTY, 100% COUNTY: ROADWAY 0001	SN 049-0610 0008	SN 049-0606, 049-0611, 049-0607 0008	TRAF SIG PR US 45 @ PR GRASS LAKE 0021	TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD, 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	OLD MILL CREEK, 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	LINDENHURST, 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT, 100% LOCAL: TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP, 80% COUNTY 20% LOCAL: SIDEWALK 0028
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,368					4,368					
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1					1					
* 89502380	REMOVE EXISTING HANDHOLE	EACH	5					5					
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8					8					
* A2001612	TREE, ACER SACCHARINUM MORTON (CRESCENDO SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	35	35									
* A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	15	15									
* A2002282	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	21	21									
* A2002466	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10									
* A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	19	19									
* A2002564	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	7		7								
* A2002816	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2" CALIPER, BALLED AND BURLAPPED	EACH	25	25									
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	34	34									
* A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2"	EACH	10	10									
* A2004816	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2" CALIPER BALLED AND BURLAPPED	EACH	28	28									
* A2005015	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 8' HEIGHT, MULTI-STEM FORM, BALLED AND BURLAPPED	EACH	21	21									

* SPECIALTY ITEMS

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PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED	

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.
344	39 R	LAKE	510	24
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

REV 4-16-18

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY MARKED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, FINAL LINE NOTATIONS CHKD, NOTE BOOK NO., BY, DATE

FILE NAME = pw:\\tapis02pwm01.parcsys.com:Illinois State\Documents\US45 - 6479B5\48 - Design\CADD\Roadway\Sheets\0168775_sht_SUM.18.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY (URBAN)	CONSTRUCTION CODE: LAKE COUNTY, 100% COUNTY: ROADWAY 0001	SN 049-0610 0008	SN 049-0606, 049-0611, 049-0607 0008	TRAF SIG PR US 45 @ PR GRASS LAKE 0021	TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD, 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	OLD MILL CREEK, 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	LINDENHURST, 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT, 100% LOCAL: TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP, 80% COUNTY 20% LOCAL: SIDEWALK 0028
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	22	22									
* A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED	EACH	25	25									
* A2005116	TREE, JUGLANS NIGRA (BLACK WALNUT), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10	1								
* A2005416	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	33	33									
* A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9									
* A2006266	TREE, POPULUS TREMULOIDES (QUAKING ASPEN), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	35	35									
* A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	6	6		1							
* A2006568	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	7	7									
* A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12									
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10									
* A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	4	4									
* A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	31	31									
* X1800015	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD),	EACH	150	150									

* Specialty Item

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, ALT. OF MAY CHECKED, NOTE BOOK NO., CADD FILE NAME, BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS OPKD, NOTE BOOK NO., BY, DATE

FILE NAME: C:\pwworking\dot\d0206095\Summary of Quantities.dgn

USER NAME = 35361	DESIGNED BN	REVISED -
	DRAWN BN	REVISED
PLOT SCALE = 1.0000 ' / in.	CHECKED FZ	REVISED
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED

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.
344	39 R	LAKE	510	25

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

1 REV 4-16-18

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: LAKE COUNTY 100% COUNTY ROADWAY 0001	LAKE COUNTY 100% COUNTY SN 049-0610 0008	LAKE COUNTY 100% COUNTY SN 049-0606 049-0611 049-0607 0008	LAKE COUNTY 100% COUNTY TRAF SIG PR US 45 @ PR GRASS LAKE 0021	LAKE COUNTY 100% COUNTY TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	OLD MILL CREEK 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LINDENHURST 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT 100% LOCAL TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP 80% COUNTY 20% LOCAL SIDEWALK 0028
* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12									
* A2007132	TREE, QUERCUS SCHUETTI (SWAMP BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	16	16	1								
* A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	19	19									
* A2008400	TREE, TILIA MONGOLICA HARVEST GOLD (HARVEST GOLD LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	31	31									
* A2C035G3	TREE, JUGLANS NIGRA (BLACK WALNUT), CONTAINER GROWN, 3-GALLON	EACH	100	100									
* A2016016	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	24	24	1								
* X1800016	TREE, QUERCUS ALBA (WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	150	150									
* X1800017	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	100	100									
* X1800018	TREE, QUERCUS RUBRA (RED OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	100	100									
* A2C35G15	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	150	150									
* A2C36G15	TREE, QUERCUS MACROCARPA (BURR OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	150	150									
* A2C37G15	TREE, QUERCUS PALUSTRIS (PIN OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	100	100									
* B2000566	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	6	6									
* B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER,	EACH	19	19									
* B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	18	18									

* SPECIALTY ITEMS

1 REV 4-16-18

USER NAME = 35361	DESIGNED BN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	26

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

FILE NAME = pw:\\cpla02pwui01.persons.com:Illinois State\Documents\US45 - 6479BS\48 - Design\CAD\Roadway\Sheets\0168175-sht-SOQ.2D.dgn

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / DTM CHECKED / DTM FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTED / NOTE BOOK NO. / BY / DATE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: LAKE COUNTY, 100% COUNTY: ROADWAY 0001	SN 049-0610 0008	SN 049-0606, 049-0611, 049-0607 0008	TRAF SIG PR US 45 @ PR GRASS LAKE 0021	TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD: 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	OLD MILL CREEK: 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	LINDENHURST: 80% COUNTY 20% LOCAL: SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT: 100% LOCAL: TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP: 80% COUNTY 20% LOCAL: SIDEWALK 0028
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED	EACH	13	13									
* B2001666	TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED	EACH	22	22									
* B2002364	TREE, HALESIA TETRAPTERA (CAROLINA SILVERBELL), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	9	9									
* B2002616	TREE, MALUS ADAMS (ADAMS CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	15	15									
* B2004000	TREE, MALUS ORANGE CRUSH (ORANGE CRUSH CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	24	24									
* B2004516	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	18	18									
* B2005385	TREE, METASEQUOIA GLYPTOSTROBOIDES (DAWN REDWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12									
* B2010070	TREE, CLADRASTIS KENTUCKEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	21	21									
* C2003248	SHRUB, HAMAMELIS VERNALIS (VERNAL WITCH HAZEL), 4' HEIGHT, BALLED AND BURLAPPED	EACH	174	174									
* C2012460	SHRUB, VIBURNUM LENTAGO (NANNYBERRY VIBURNUM), 5' HEIGHT, BALLED AND BURLAPPED	EACH	60	60									
* C2012760	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 5' HEIGHT, BALLED AND BURLAPPED	EACH	168	168									
* C3005924	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT, BARE ROOT	EACH	165	165									
* C3006024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BARE ROOT	EACH	451	451									
* D2001648	EVERGREEN, JUNIPERUS VIRGINIANA CANAERTII (CANAERTI RED CEDAR), 4' HEIGHT, BALLED AND BURLAPPED	EACH	100	100									

* SPECIALTY ITEMS

1 REV 4-16-18

USER NAME = 35361	DESIGNED BN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN BN	REVISED	
PLOT SCALE = 1.2000 ' / in.	CHECKED FZ	REVISED	
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED	

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	27
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

FILE NAME = pw:\\epldc02prin01.parsons.com:Illinois State\Documents\US45 - 6479B5\48 - Design\CAD\Roadway\Sheets\0068175_sht_SQ0_21.dgn

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT OF WAY MARKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHKD / NOTE BOOK NO. / BY / DATE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: LAKE COUNTY 100% COUNTY ROADWAY 0001	LAKE COUNTY 100% COUNTY SN 049-0610 0008	LAKE COUNTY 100% COUNTY SN 049-0006 049-0611 049-0007 0008	LAKE COUNTY 100% COUNTY TRAF SIG PR US 45 @ PR GRASS LAKE 0021	LAKE COUNTY 100% COUNTY TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	OLD MILL CREEK 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LINDENHURST 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT 100% LOCAL TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP 80% COUNTY 20% LOCAL SIDEWALK 0028
* D2002960	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	7	7									
* D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	7	7									
* D2002984	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	7	7									
* K0013060	PERENNIAL PLANTS, SEDGE MEADOW TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	34.41	34.41									
* K0029624	WEED CONTROL, TEASEL	GALLON	1	1									
* K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	40	40									
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	8	8									
* K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	22.77	22.77									
* K1005428	SEEDING, SEDGE MEADOW MIX	ACRE	1.2	1.2									
* K1005863	TREE ROOT PRUNING	EACH	20	20									
X0322128	MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	735		575	160							
X0322463	CONNECTION TO EXISTING SEWER	EACH	13	13									
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1	1									
X0323160	VIDEO INSPECTION OF STORM SEWER	FOOT	985	985									
* X0324079	EXISTING FIELD TILE REMOVAL	FOOT	1,276	1,276									
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	927				727	200					

* SPECIALTY ITEMS

△1 REV 4-16-18

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SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	28

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / ALL OF MAP CHECKED / DGN FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

FILE NAME = pw:\\taple02pw.int.dot.parsons.com:Illinois State\Documents\US45 - 847985\10 - Design\CAD\Roadway\Sheets\0160T75_sht_SCD_22.dgn

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: LAKE COUNTY 100% COUNTY ROADWAY 0001	SN 049-0610 0008	SN 049-0606 049-0611 049-0607 0008	TRAF SIG PR US 45 @ PR GRASS LAKE 0021	TRAF SIG EX US 45 @ PR GRASS LAKE 0021	LAKE CO FOREST PD 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	OLD MILL CREEK 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LINDENHURST 80% COUNTY 20% LOCAL SIDEWALK & PATH 0028	LAKE CO FIRE PROTECTION DISTRICT 100% LOCAL TRAFFIC SIGNAL EVP 0021	LAKE VILLA TOWNSHIP 80% COUNTY 20% LOCAL SIDEWALK 0028
Z0007606	BUILDING REMOVAL NO. 6	L SUM	1	1									
Z0007607	BUILDING REMOVAL NO. 7	L SUM	1	1									
Z0007608	BUILDING REMOVAL NO. 8	LSUM	1	1									
Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	985	985									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0015500	DEBRIS REMOVAL	L SUM	1	1									
Z0045050	PRESSURE CONNECTION 12" X 10"	EACH	1	1									
Z0045100	PRESSURE CONNECTION - 12" X 12"	EACH	1	1									
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	148	148									
Z0056900	SANITARY SEWER 8"	FOOT	67	67									
Z0062456	TEMPORARY PAVEMENT	SQ YD	7,143	7,143									
Z0073345	SLEEPER SLAB	FOOT	565	565									
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1					1					
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000									

* SPECIALTY ITEMS Ø 0042

USER NAME = 35361	DESIGNED BN	REVISED -	
	DRAWN BN	REVISED	
PLOT SCALE = 1.2000 ' / in.	CHECKED FZ	REVISED	
PLOT DATE = 12/7/2017	DATE 02/02/2017	REVISED	

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.
344	39 R	LAKE	510	31B

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK NO., BY, DATE

FILE NAME = pw:\\cmpw02pwint01.pwrsans.com:Illinois State\Documents\U545 - 847965\40 - Design\CAD\Roadway\Sheets\0601T75_sht_500_27.dgn

TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT) AT STA. 130+05.00
BIKE PATH APPROACH GUARDRAIL ADJUSTMENT (SEE LCDOT DETAIL DRAWING)
TRAFFIC BARRIER TERMINAL, TYPE 6
PR BRIDGE AND RETAINING WALLS SN 049-0610
LIMITS OF PROPOSED GRADING (TYP)
FUTURE BIKE PATH (BY OTHERS)
PR CULVERTS AND RETAINING WALLS SN 049-C006, 049-0611, 049-C007
PR ℄ US ROUTE 45
MATCHLINE STA. 125+00.00
MATCHLINE STA. 137+00.00
220' TAPER 125+00
200' TAPER
222' TAPER
PR ROW
PR EASEMENT
EX ROW
TRAFFIC BARRIER TERMINAL, TYPE 6
TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT) AT STA. 126+02.50
TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT) AT STA. 132+80.00
TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT) AT STA. 136+42.51
SIDE SLOPES (1'V:6'H)
SIDE SLOPES (1'V:5'H)
SIDE SLOPES (1'V:3'H)
SIDE SLOPES (1'V:4'H)
POND NO. 2 (SEE GRADING DETAIL DRAWING)
PR ℄ MILLBURN CREEK (SEE CREEK GRADING DETAIL DRAWING)
UNNAMED TRIBUTARY TO MILLBURN CREEK
SEE GRADING DETAIL FOR PROPOSED STREAM CONTOURS
ACCESS ROAD (10 FEET WIDE)
100 YEAR FLOODPLAIN LIMITS
LIMITS OF PROPOSED GRADING (TYP)
MILLBURN CREEK
CONC. HEADWALL
VEGETATED DITCH LEADING TO CREEK
EX ℄ US ROUTE 45
SCALE IN FEET

PROP. CURVE PR45-2
PI STA. = 134+63.95
Δ = 30° 52' 52" (RT)
D = 2° 54' 39"
R = 1,968.40'
T = 543.69'
L = 1,060.92'
E = 73.71'
e = 3.4%
T.R. = 72'
S.E. RUN = 122'
P.C. STA. = 129+20.26
P.T. STA. = 139+81.18

SHEET LOCATION MAP

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7 1/4"
4. HOT-MIX ASPHALT BASE COURSE, 4 3/4"
5. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
6. HOT-MIX ASPHALT SHOULDERS, 8"
7. HOT-MIX ASPHALT SHOULDERS, 7 3/4"
8. AGGREGATE SHOULDERS, TYPE B 6"
9. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
12. CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
13. AGGREGATE SUBGRADE IMPROVEMENT 12"
14. AGGREGATE BASE COURSE, TYPE B 6"
15. PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
16. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
17. STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
18. HOT-MIX ASPHALT BASE COURSE, 5 3/4"
19. DETECTABLE WARNINGS
20. LONGITUDINAL JOINT SEALANT

USER NAME = 35361	DESIGNED BN	REVISED -	
	DRAWN BN	REVISED	
PLOT SCALE = 100.0000 ' / in.	CHECKED FZ	REVISED	
PLOT DATE = 4/16/2018	DATE 04/16/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
US ROUTE 45

SCALE: 1"=50' | SHEET 3 OF 10 SHEETS | STA. 125+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	69
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

REV 4-16-18

FILE NAME = pw:\\WAN4BPW01B.parsons.com:Illinois State\Documents\US45 - 647985\40 - Design\CAD\Roadway\Sheets\0180175-sht-plan-03.dgn

JOINTING LEGEND

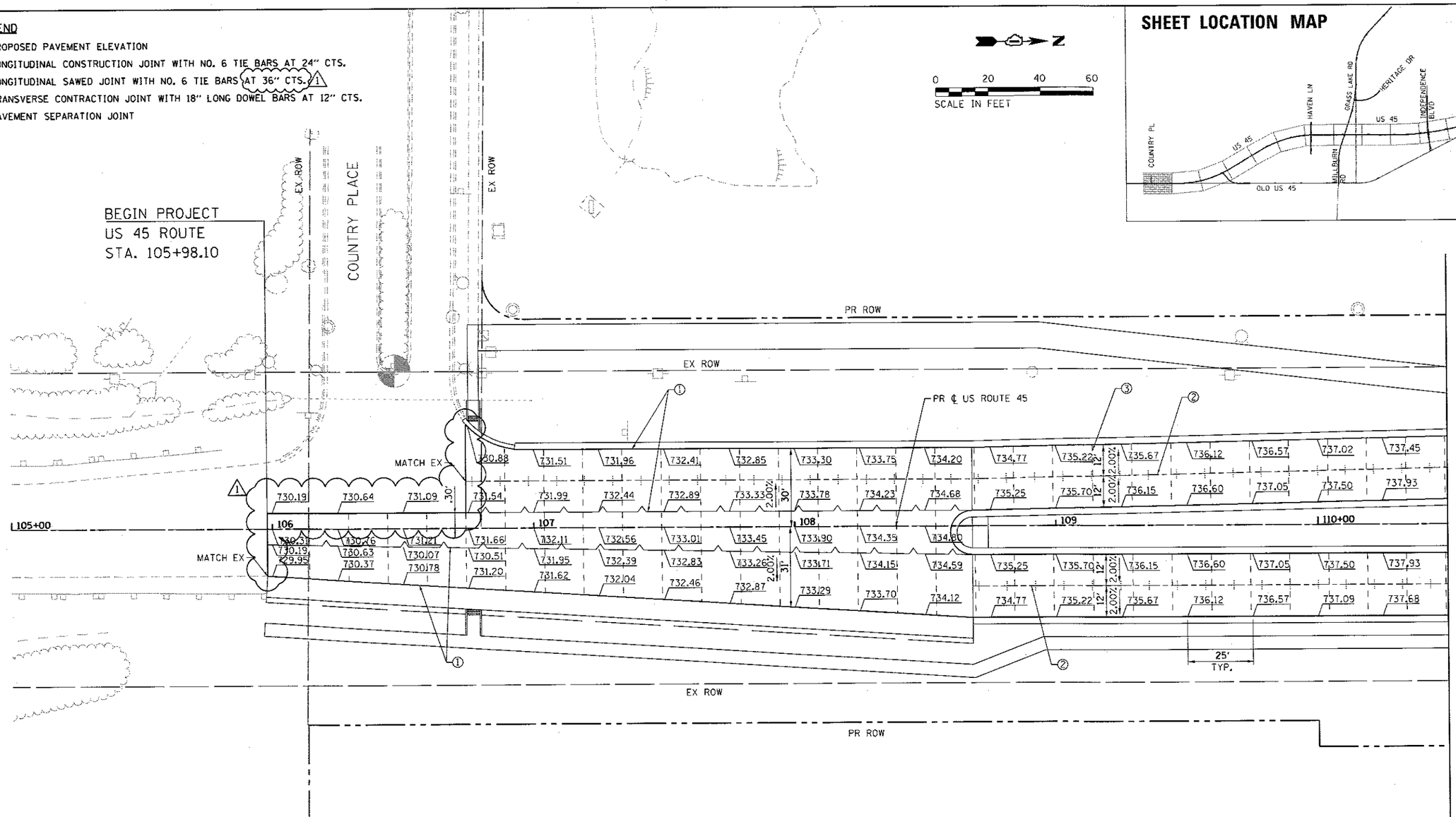
XXX.XX PROPOSED PAVEMENT ELEVATION

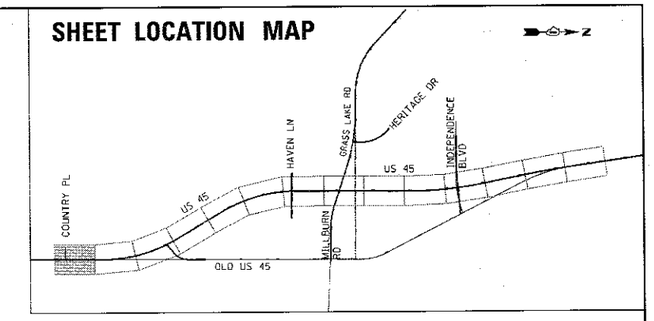
① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT





JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMEMT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANCES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 38361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN FZ	REVISED	
PLOT SCALE = 40.00 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 1 OF 14 SHEETS | STA. 100+00 TO STA. 113+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	242

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

△1 REV 4-16-18

PLAN: SURVEYED / PLOTTED / ROADWAY / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BLA CHECKED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

FILE NAME = pw:\\VANW4DPWINT01.parsons.com\illinois State\Documents\US45 - 67798\548 - Design\CAD\Roadway\Sheets\0160775_sht_joints_01.dgn

JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

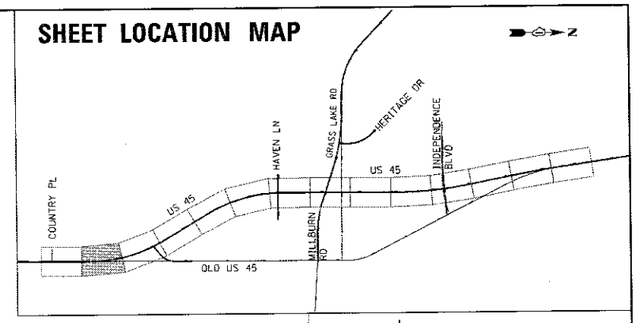
① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

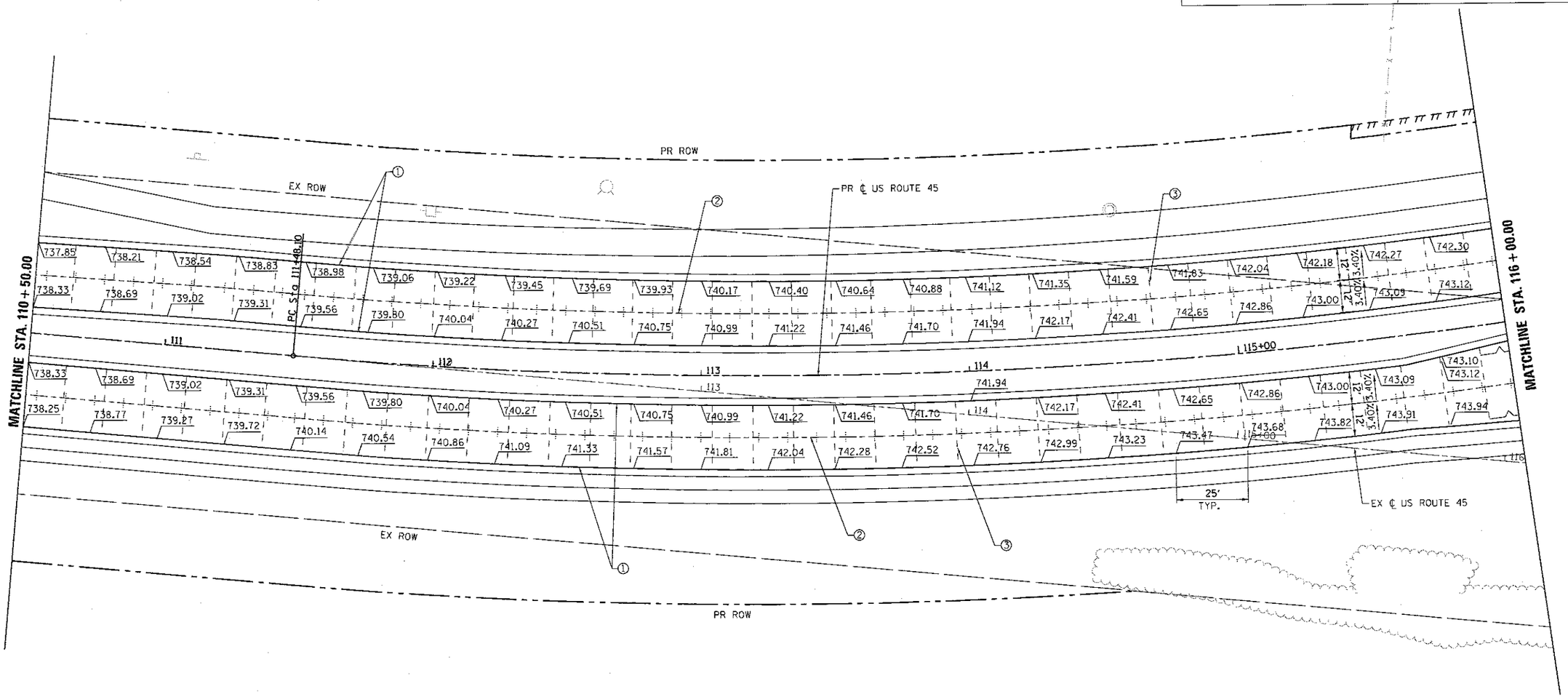
② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

0 20 40 60
SCALE IN FEET





JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMEMT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 2 OF 14 SHEETS | STA. 113+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	243
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

REV 4-16-18

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / STRUCTURE DATA THIS DWGD / NOTE BOOK NO. / BY / DATE

FILE NAME = pw:\\WAVW2DFW-INTEL.parsons.com:Illinois State\Documents\US45 - 547965\48 - Design\CADD\Roadway\Sheets\0160775_sht_joint_02.dgn

JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMEMT CONCRETE PAVEMENT. 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
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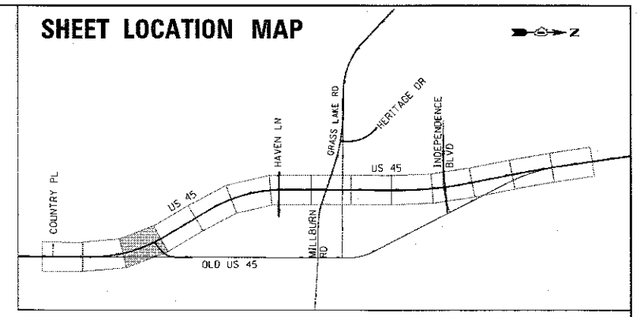
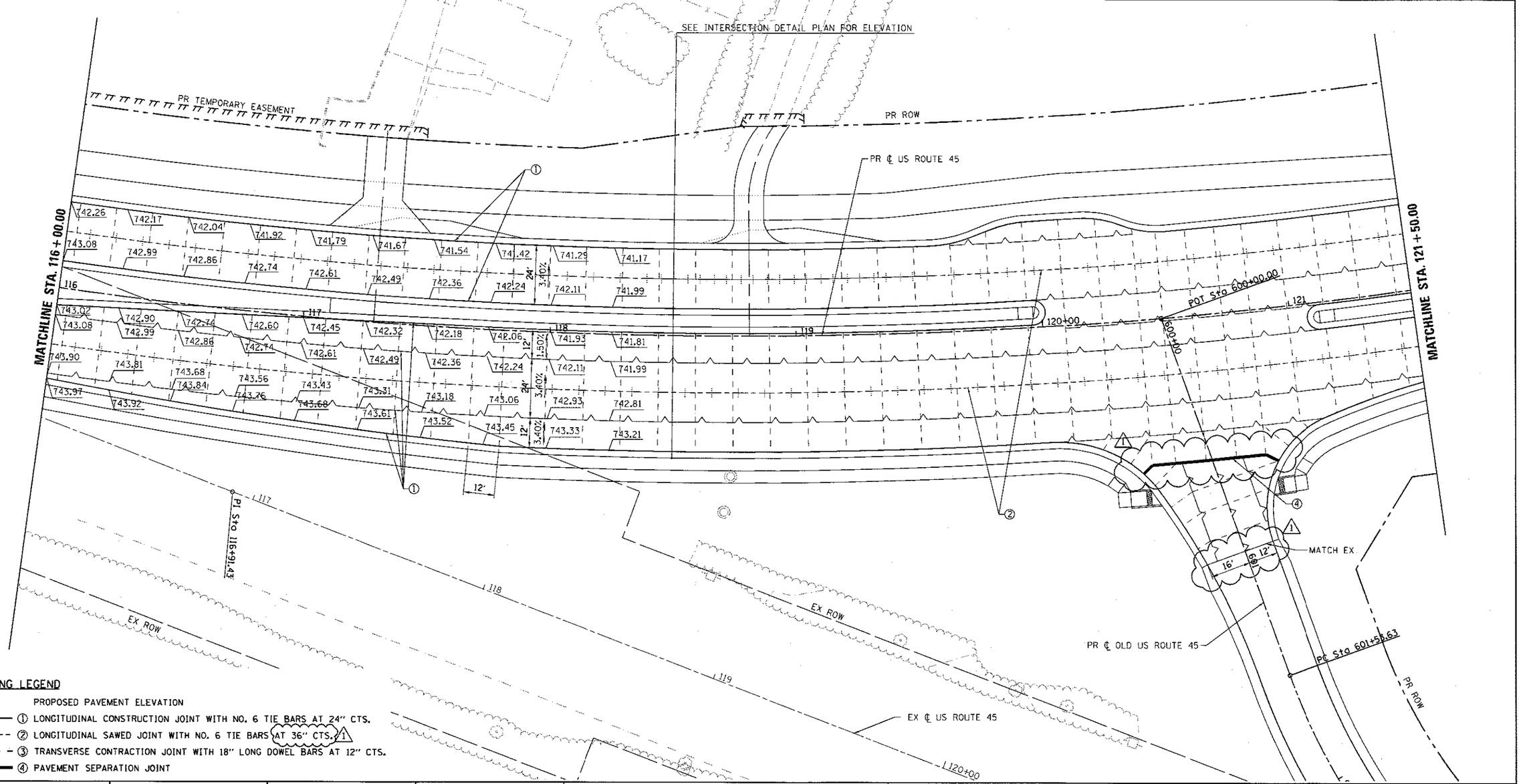
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.





JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

USER NAME = 35361	DESIGNED FZ	REVISED -	
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 3 OF 14 SHEETS | STA. 125+00 TO STA. 137+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	244
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

△1 REV 4-16-18

PLAN: SURVEYED / PLOTTED / ALIGNMENT TRIENED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAYNS CHKD / NOTE BOOK / NO. / BY / DATE

FILE NAME = pw:\\VANWA01PWINT01.jacobs.com:illinois State\Documents\U845 - 647985\48 - Design\CAD\Roadway\Sheets\0188775_sht_joint.03.dgn

JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

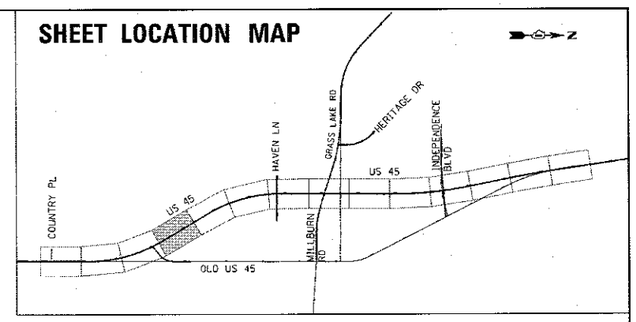
② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. (1)

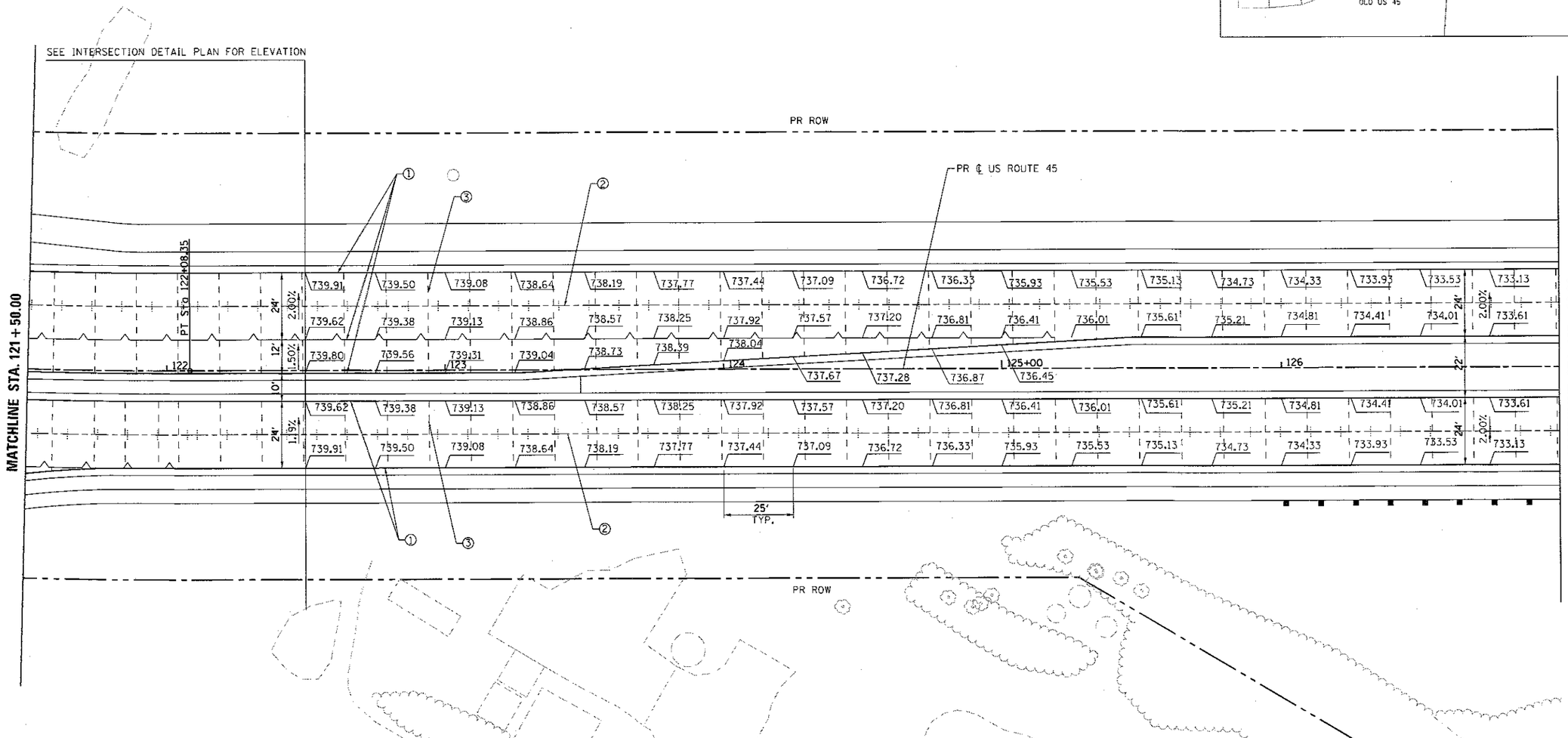
③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

0 20 40 60
SCALE IN FEET

SHEET LOCATION MAP





JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMEMT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -	
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 4 OF 14 SHEETS | STA. 137+00 TO STA. 150+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	245
		CONTRACT NO. 60T75		
	ILLINOIS	FED. AID PROJECT		

REV 4-16-18

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BRIDGE CHECKED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

FILE NAME = p:\VARNW01\PWIN01\parsons\illinois State\Documents\US45 - 647865\US - Design\CAD\Roadway\Sheets\D160T75_pnt_joint_04.dgn

JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

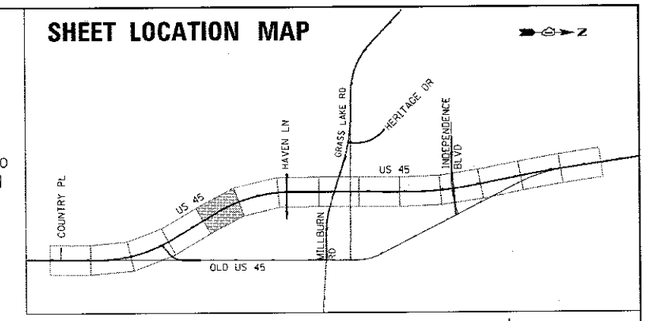
② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

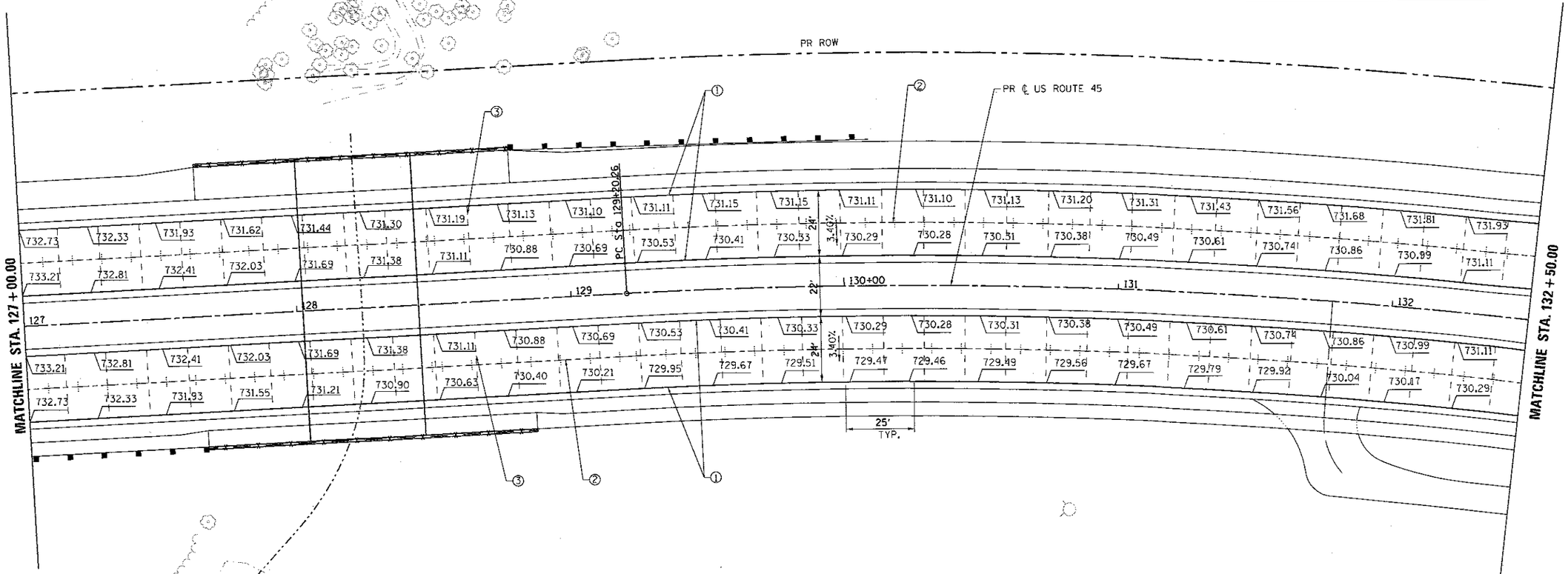
③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

0 20 40 60
SCALE IN FEET

SHEET LOCATION MAP





JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMEMT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
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USER NAME = 35361	DESIGNED FZ	REVISED	
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MQ	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 5 OF 14 SHEETS | STA. 150+00 TO STA. 158+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	246
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

△1 REV 4-16-18

PLAN: SURVEYED / PLOTTED / ALIGNMENT ORDERED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BRIDGE STRUCTURE / NOTE BOOK NO. / BY / DATE

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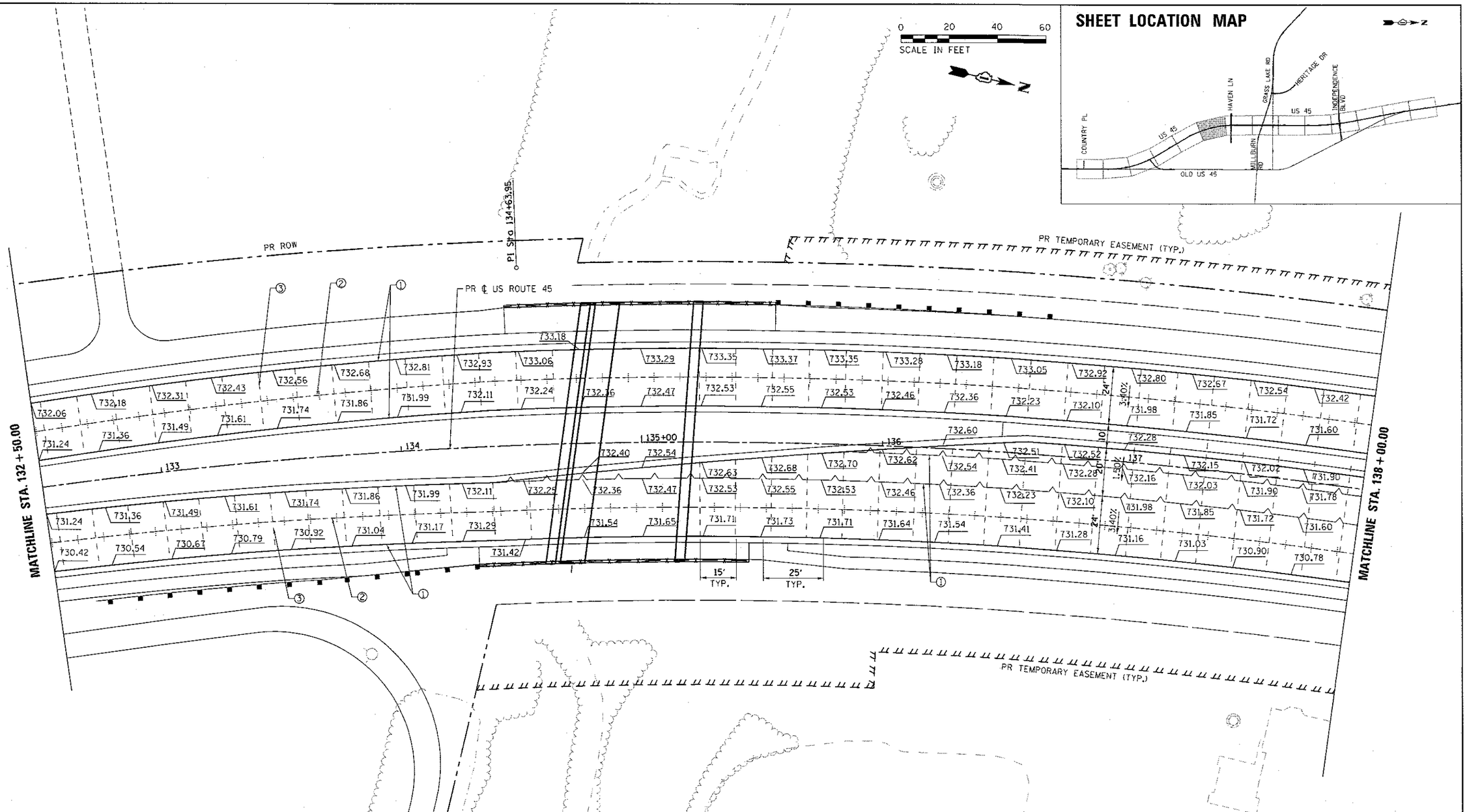


JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

JOINTING & ELEVATION NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE SPACED AT 15' O.C. (TYP.) IN THE PORTLAND CEMEMT CONCRETE PAVEMENT, 9 1/2" (JOINTED) UNLESS OTHERWISE NOTED. JOINT LAYOUT MAY BE MODIFIED (+/- 3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER TO INCORPORATE CHANGES DURING CONSTRUCTION. ROADWAY JOINTS SHALL LINE UP WITH ANCHORAGE SLAB JOINTS WHERE APPLICABLE.
2. REINFORCING STEEL IS NOT SHOWN ALONG EVERY JOINT ON THE PLAN, BUT IS INTENDED TO BE PLACED ALONG EACH JOINT AS REQUIRED.
3. REFERENCE IDOT STANDARD DETAILS 420001, 420101, 420106, 420111, AND 606001.
4. FOR SUPERELEVATION TABLES SEE SHEET NO. 254 TO 256.
5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -	
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 6 OF 14 SHEETS | STA. 158+00 TO STA.171+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	247

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

△1 REV 4-16-18

FILE NAME = pw:\\WAVAPPWINT01.parsons.com:Illinois State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\D180175_sht_joint_06.dgn

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED / PLOTTED / ROADWAY CHECKED / RT. OF WAY CHECKED / CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED / PLOTTED / GRADE CHECKED / BRM. NOTED / STRUCTURE NOTATNS CHKD		

JOINTING LEGEND

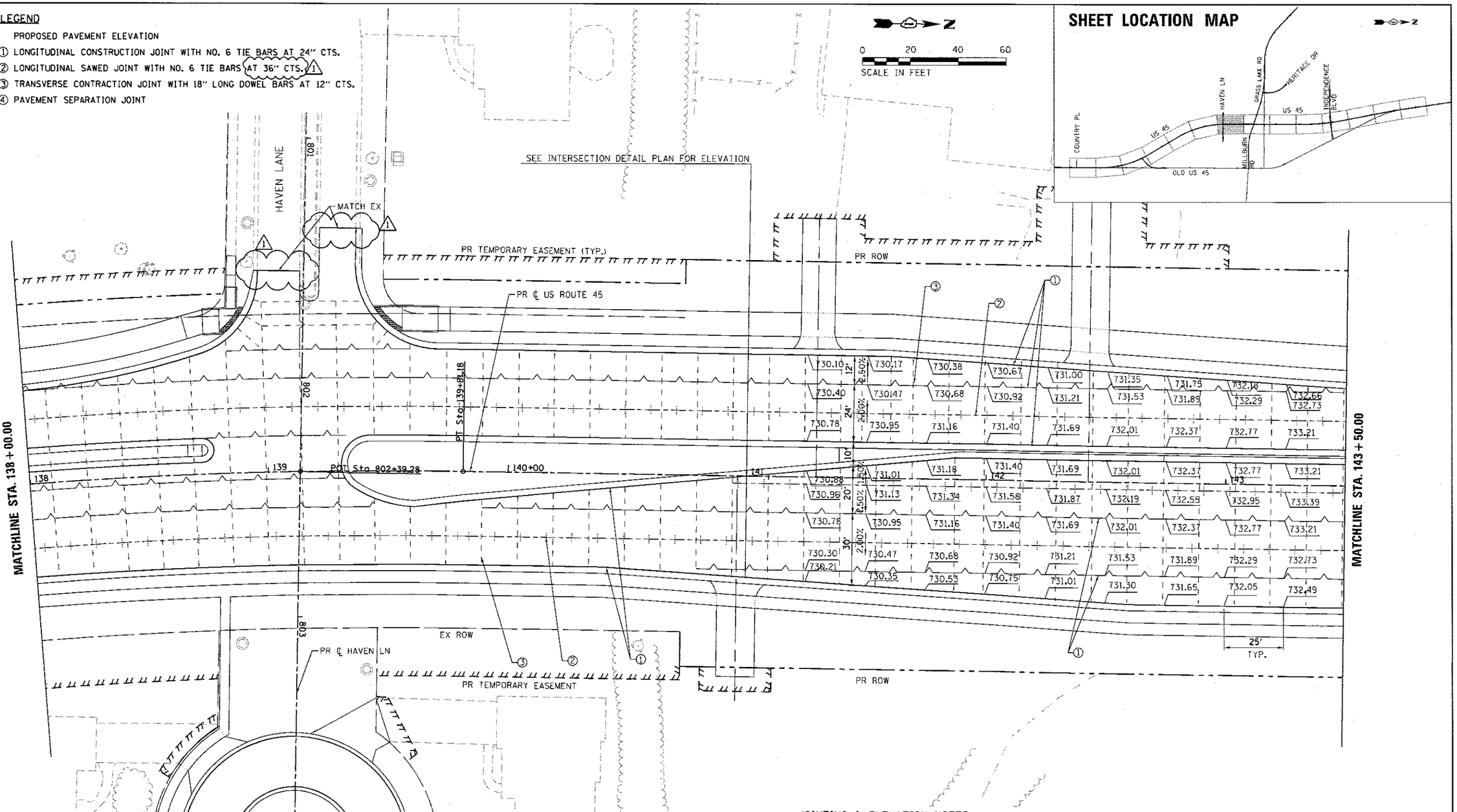
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



JOINTING & ELEVATION NOTES

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5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -	
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PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 7 OF 14 SHEETS | STA. 171+00 TO STA. 178+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	248

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME		

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED / PLOTTED / GRADES CHECKED / BLK. NOTED / STRUCTURE NOTATNS CHKD.		

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JOINTING LEGEND

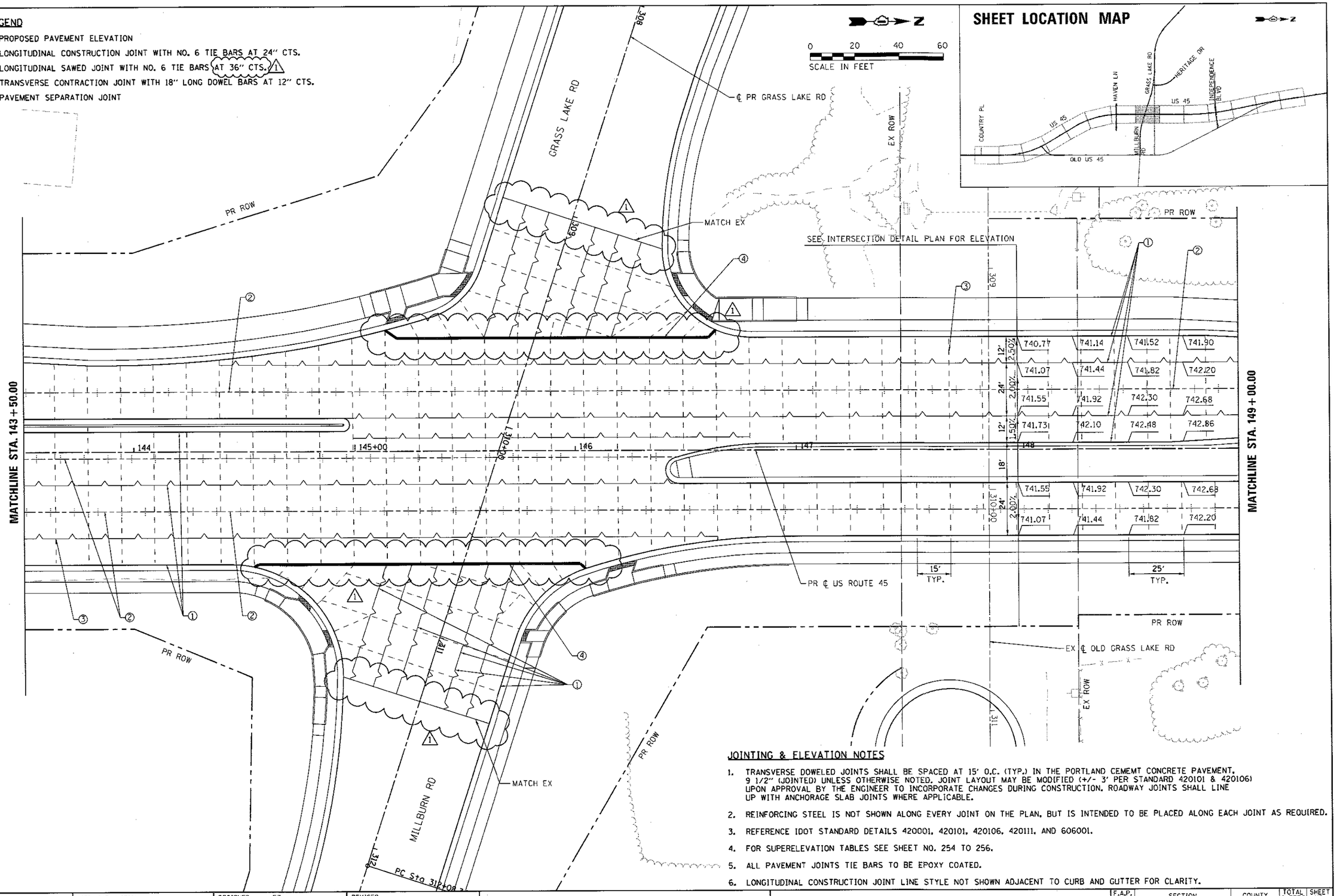
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



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PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
NOTE BOOK ALL OF WAY CHECKED		
NO. CADD FILE NAME		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
NOTE BOOK ALIGNMENT CHECKED		
NO. STRUCTURE NOTE/TYPE CHKD		

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USER NAME = 35361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 8 OF 14 SHEETS | STA. 287+50 TO STA. 294+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	249
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

△1 REV 4-16-18

JOINTING LEGEND

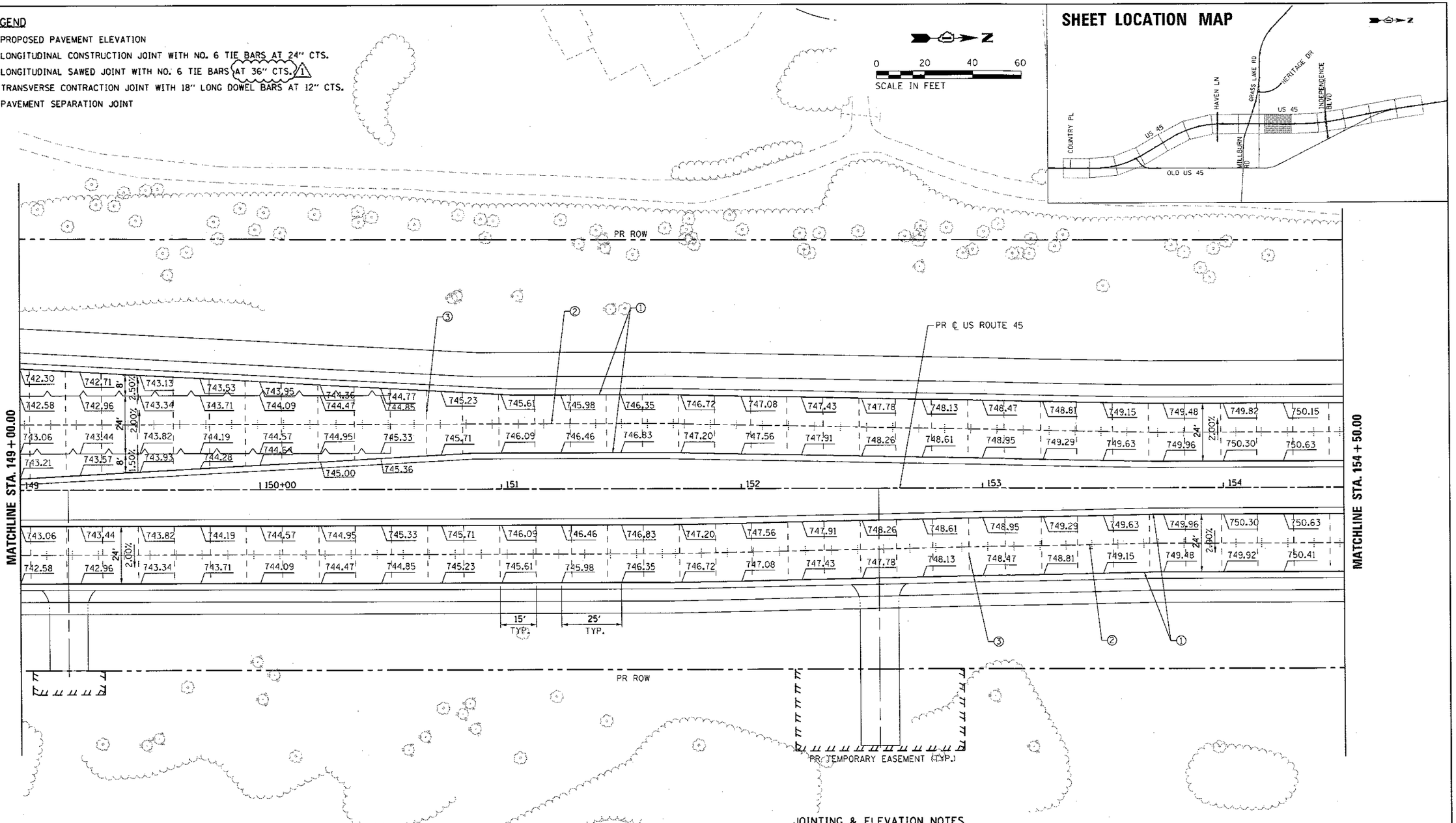
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



JOINTING & ELEVATION NOTES

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PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 9 OF 14 SHEETS | STA. 294+00 TO STA. 304+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	250

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

△1 REV 4-16-18

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JOINTING LEGEND

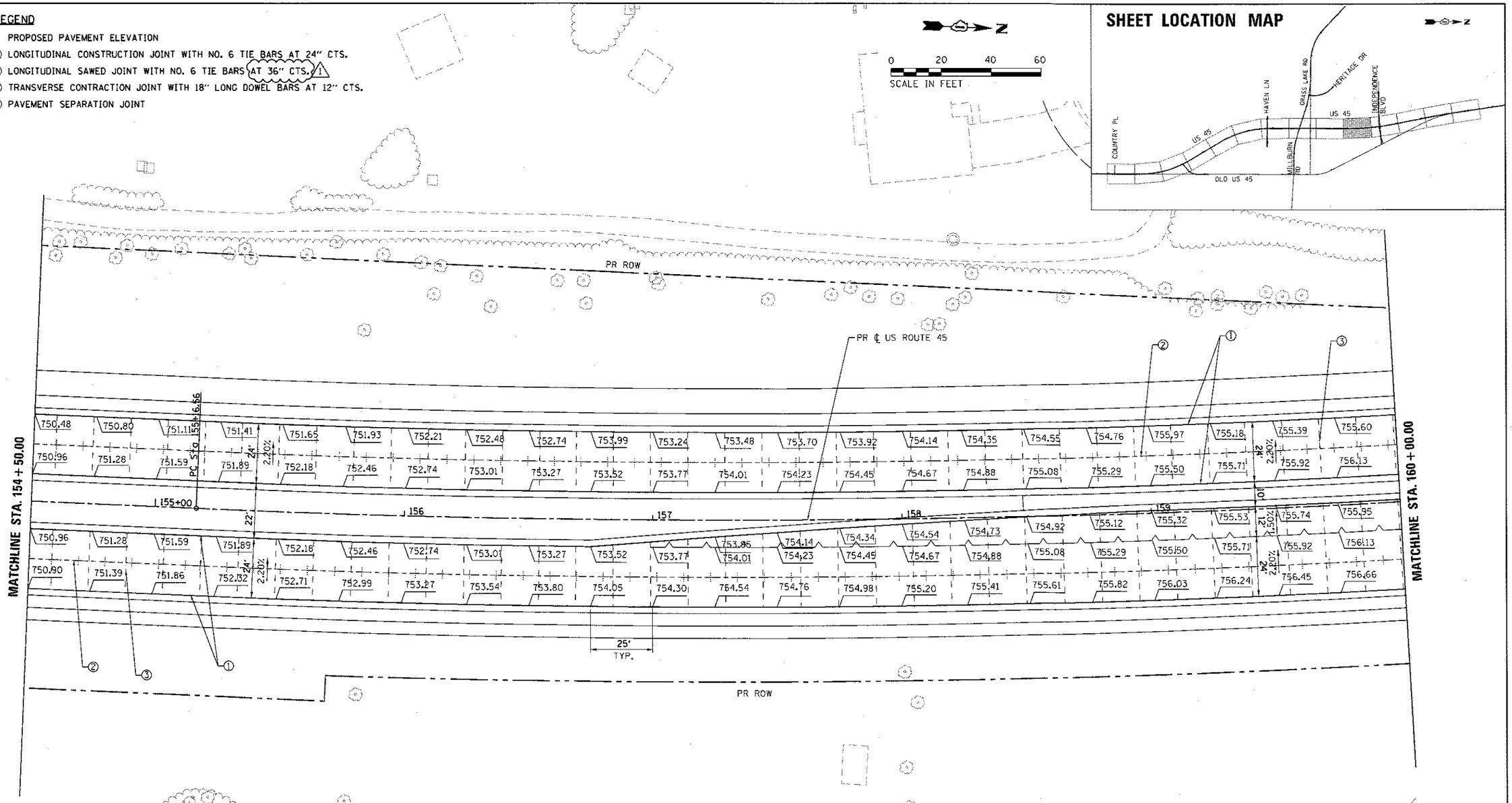
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 10 OF 14 SHEETS | STA. 314+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	251
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

REV 4-16-18

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JOINTING LEGEND

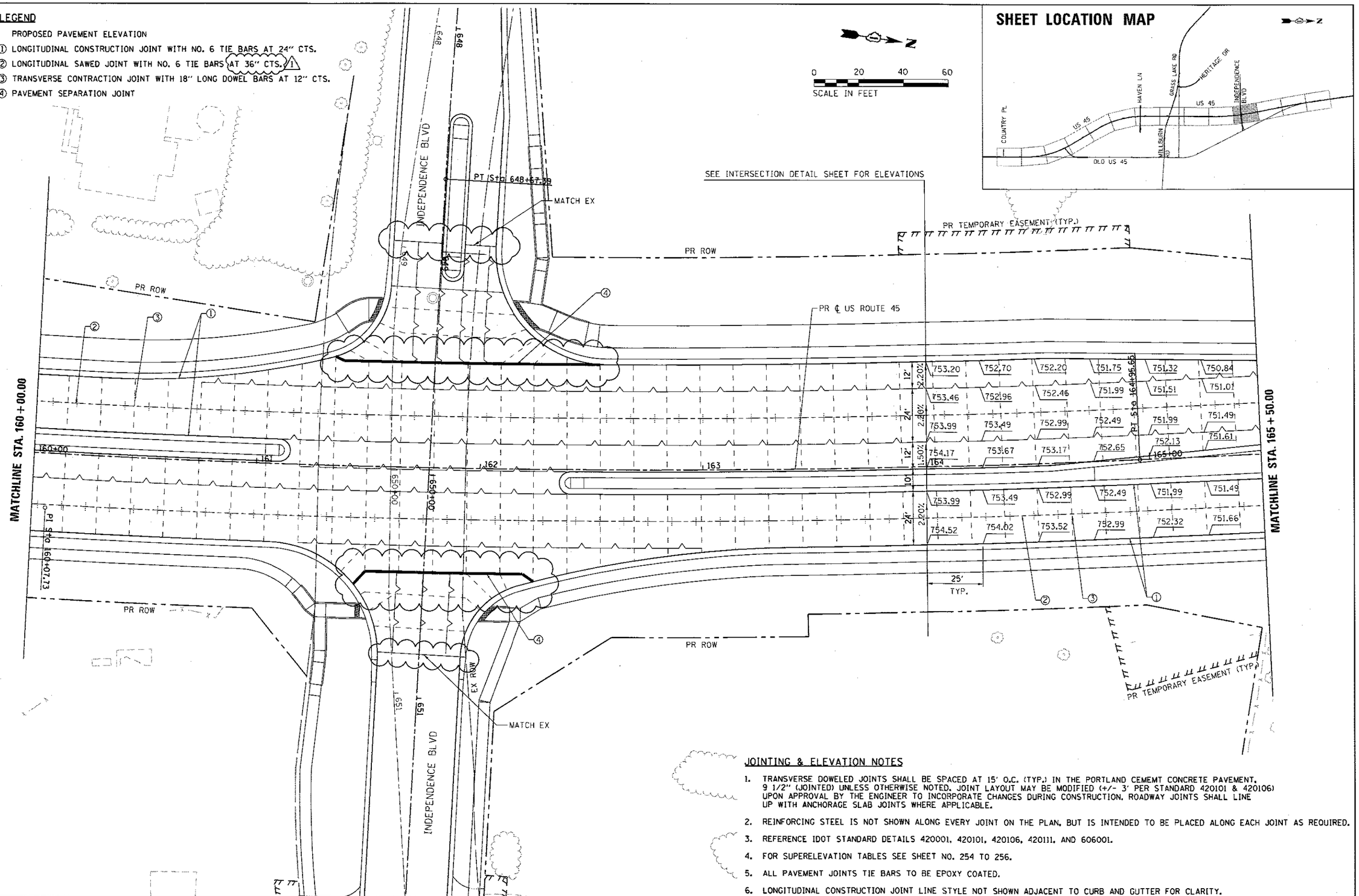
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 11 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	252
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

△1 REV 4-16-18

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JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

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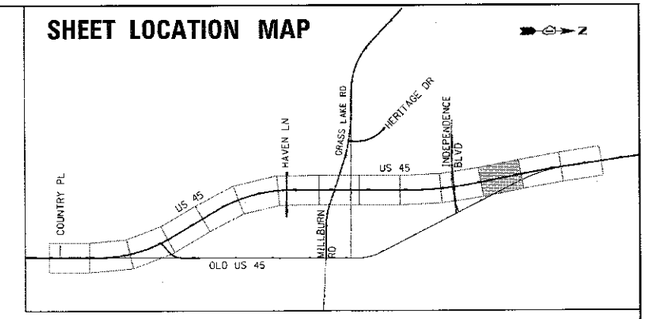
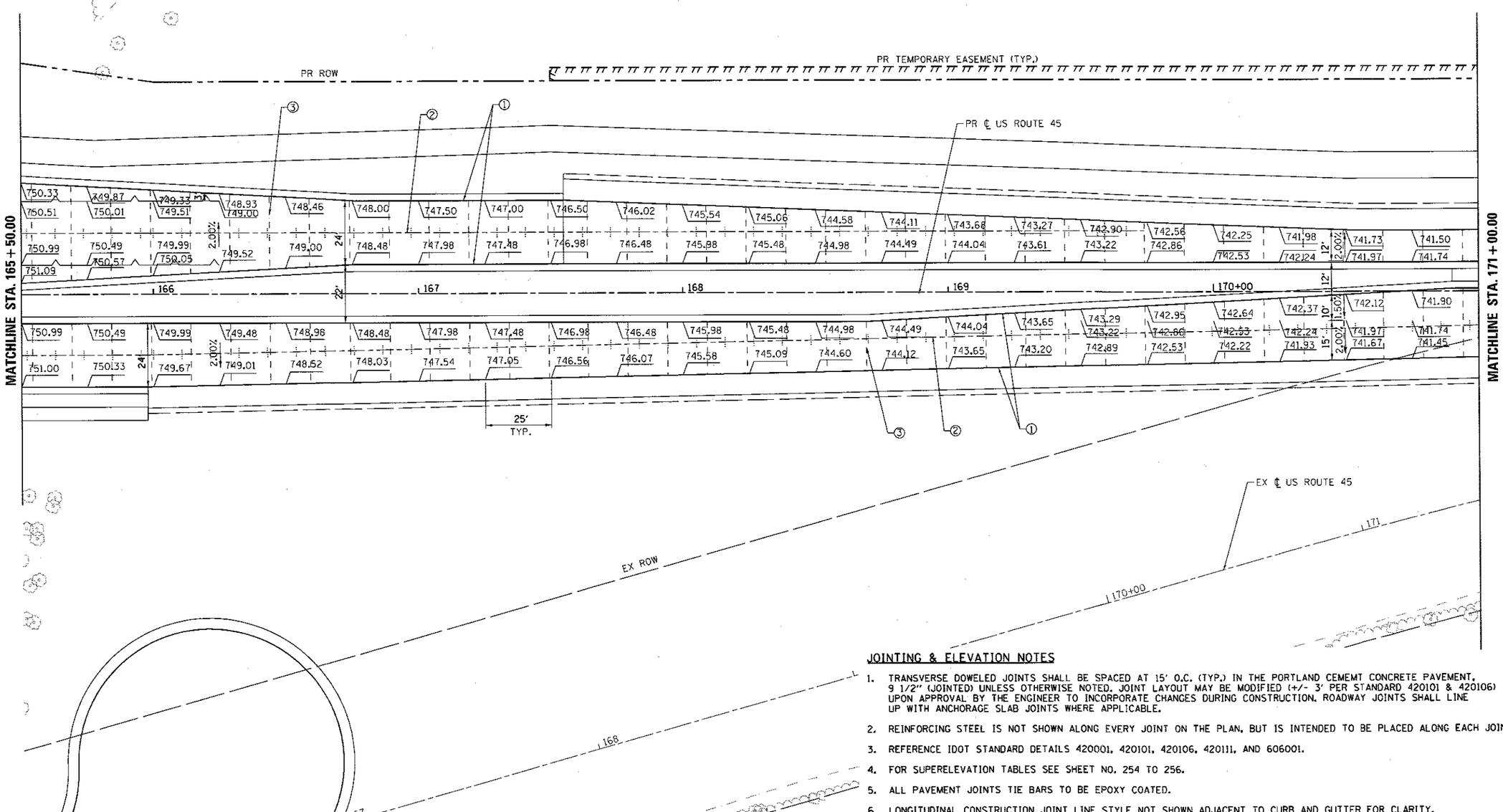
③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

0 20 40 60
SCALE IN FEET

SHEET LOCATION MAP





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	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 12 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	253
		CONTRACT NO. 60T75		
	ILLINOIS FED. AID PROJECT			

△1 REV 4-16-18

PLAN: NOTE BOOK NO. ___ | SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ R/L OF WAY CHECKED ___ CADD FILE NAME ___ | BY | DATE

PROFILE: NOTE BOOK NO. ___ | SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ ALIGNMENT CHECKED ___ STRUCTURE NOTATIONS CHKD ___ | BY | DATE

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JOINTING LEGEND

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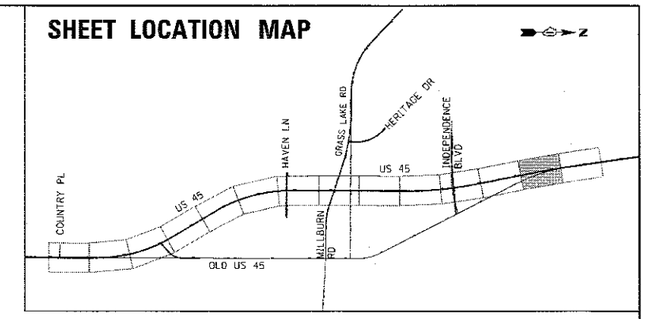
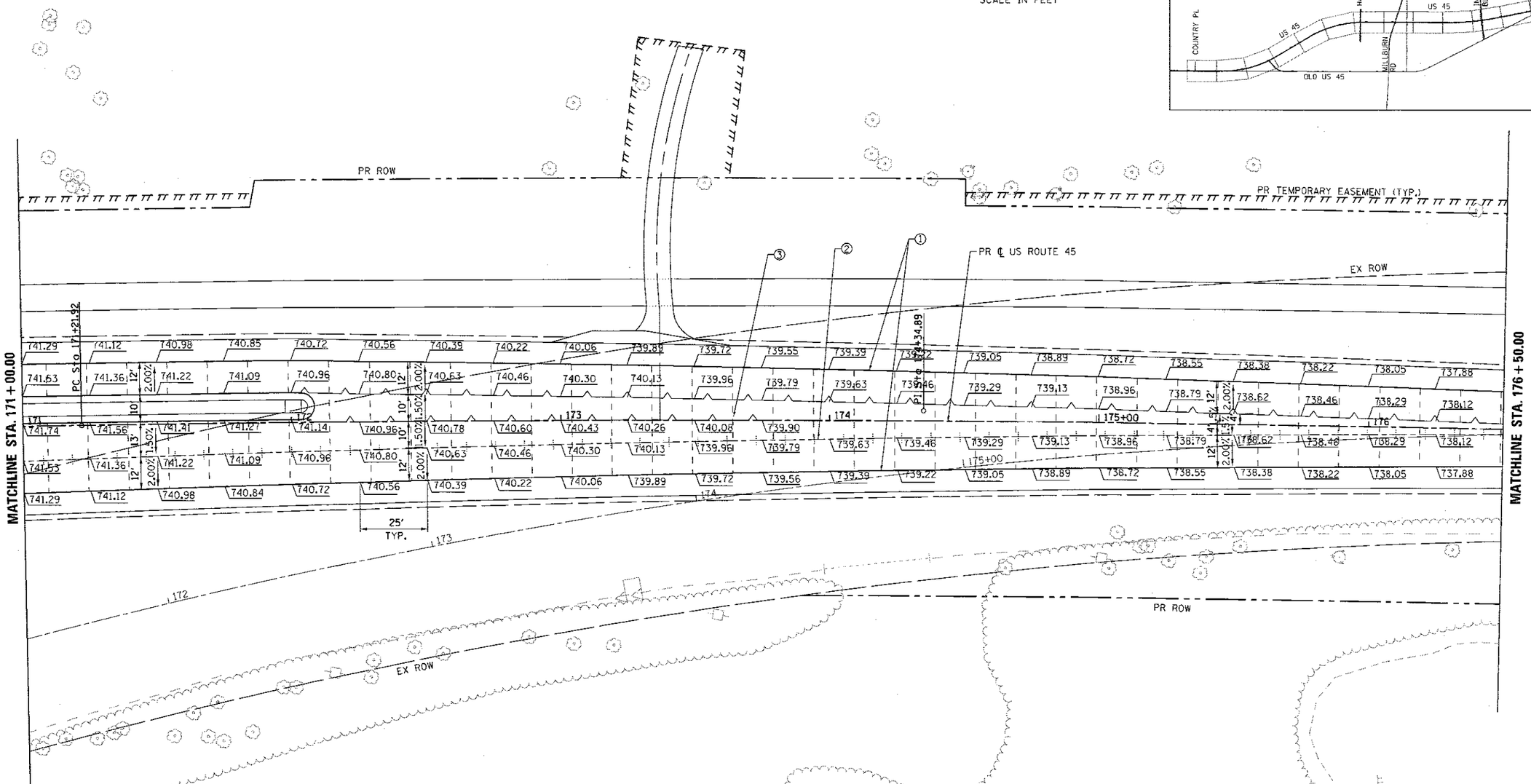
④ PAVEMENT SEPARATION JOINT

0 20 40 60
SCALE IN FEET





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JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 13 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	254

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18

PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PROFILE | NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | BRIDGE NOTED | STRUCTURE NOTATIONS CHKD | BY | DATE

FILE NAME = pw:\\VANVAD@PW01TB2.parsons.com:illinois State\Documents\US45 - 647965\48 - Design\CAD\Roadway\Sheets\0160T75_sht_joint_13.dgn

JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

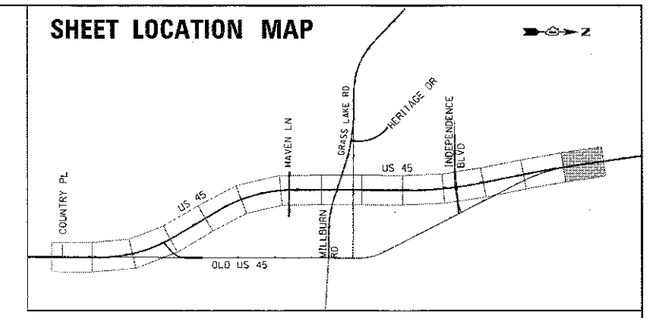
② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

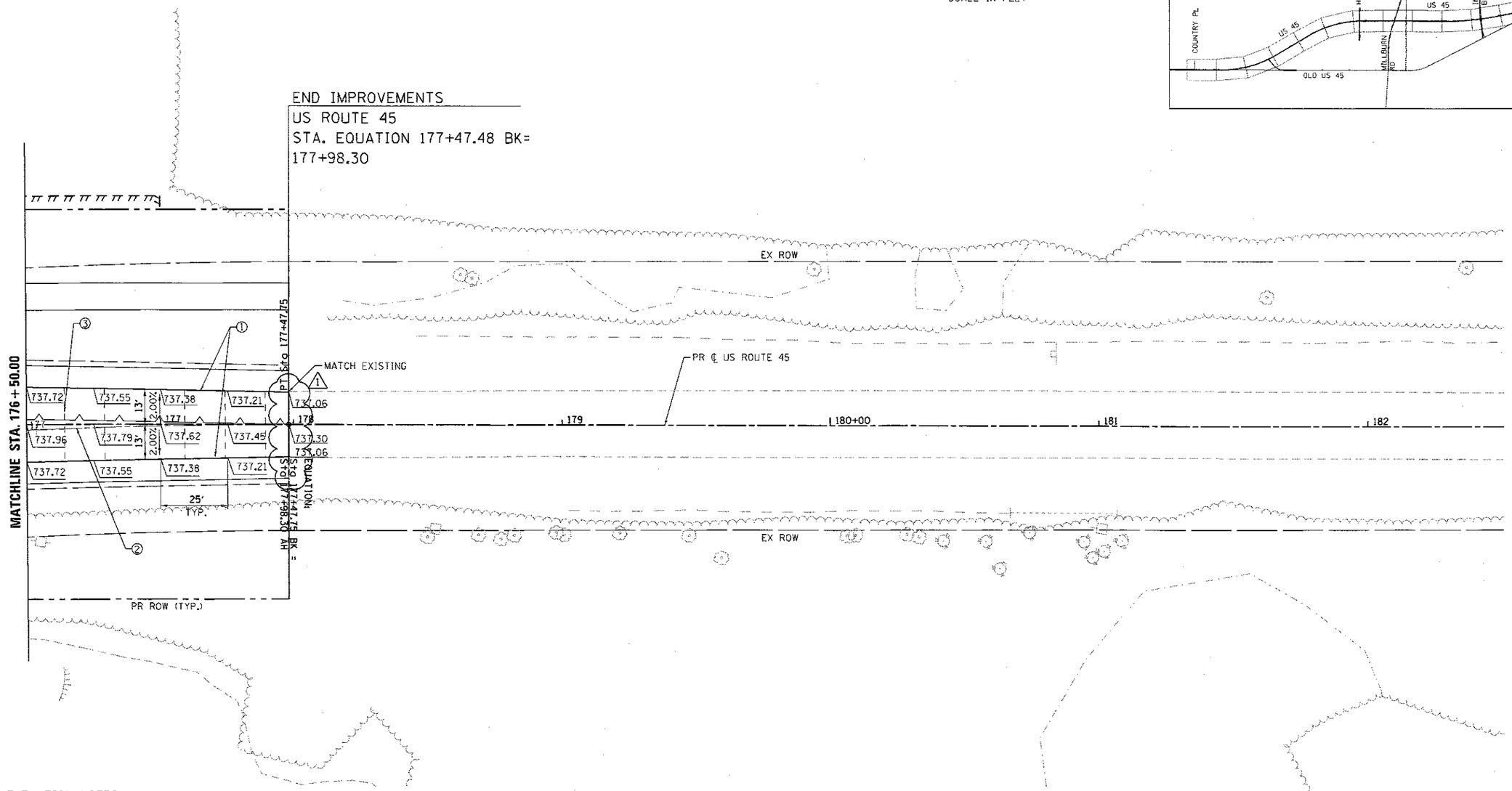
③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

0 20 40 60
SCALE IN FEET

SHEET LOCATION MAP





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5. ALL PAVEMENT JOINTS TIE BARS TO BE EPOXY COATED.
6. LONGITUDINAL CONSTRUCTION JOINT LINE STYLE NOT SHOWN ADJACENT TO CURB AND GUTTER FOR CLARITY.

USER NAME = 35361	DESIGNED FZ	REVISED -	
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND ELEVATION PLAN
US ROUTE 45

SCALE: 1"=20' | SHEET 14 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	255
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

△1 REV 4-16-18

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT.-OF-WAY CHECKED / FIELD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / S.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

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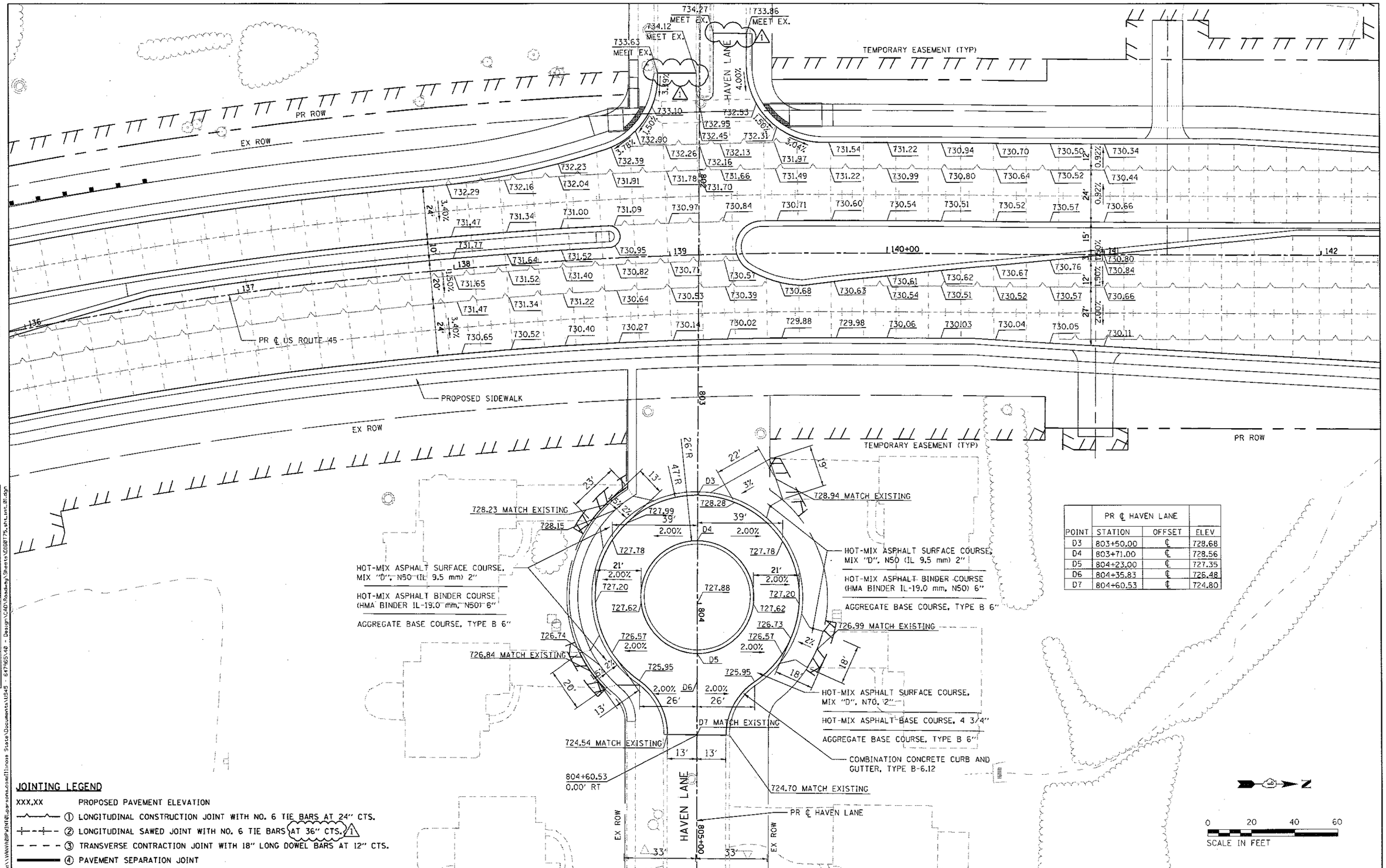


	PR ℄ HAVEN LANE		
POINT	STATION	OFFSET	ELEV
D3	803+50.00	℄	728.68
D4	803+71.00	℄	728.56
D5	804+23.00	℄	727.35
D6	804+35.83	℄	726.48
D7	804+60.53	℄	724.80

JOINTING LEGEND

XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT

USER NAME = 35361	DESIGNED FZ	REVISED -	
	DRAWN FZ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED MO	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION LAYOUT DETAILS

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	256

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

△1 REV 4-16-18

FILE NAME = pw:\\WANWADIPWINT01.Lorsona.com:Illinois State\Documents\U945 - 647965\48 - Design\CAD\Roadway\Sheets\D180175_sht_int_01.dgn

JOINTING LEGEND

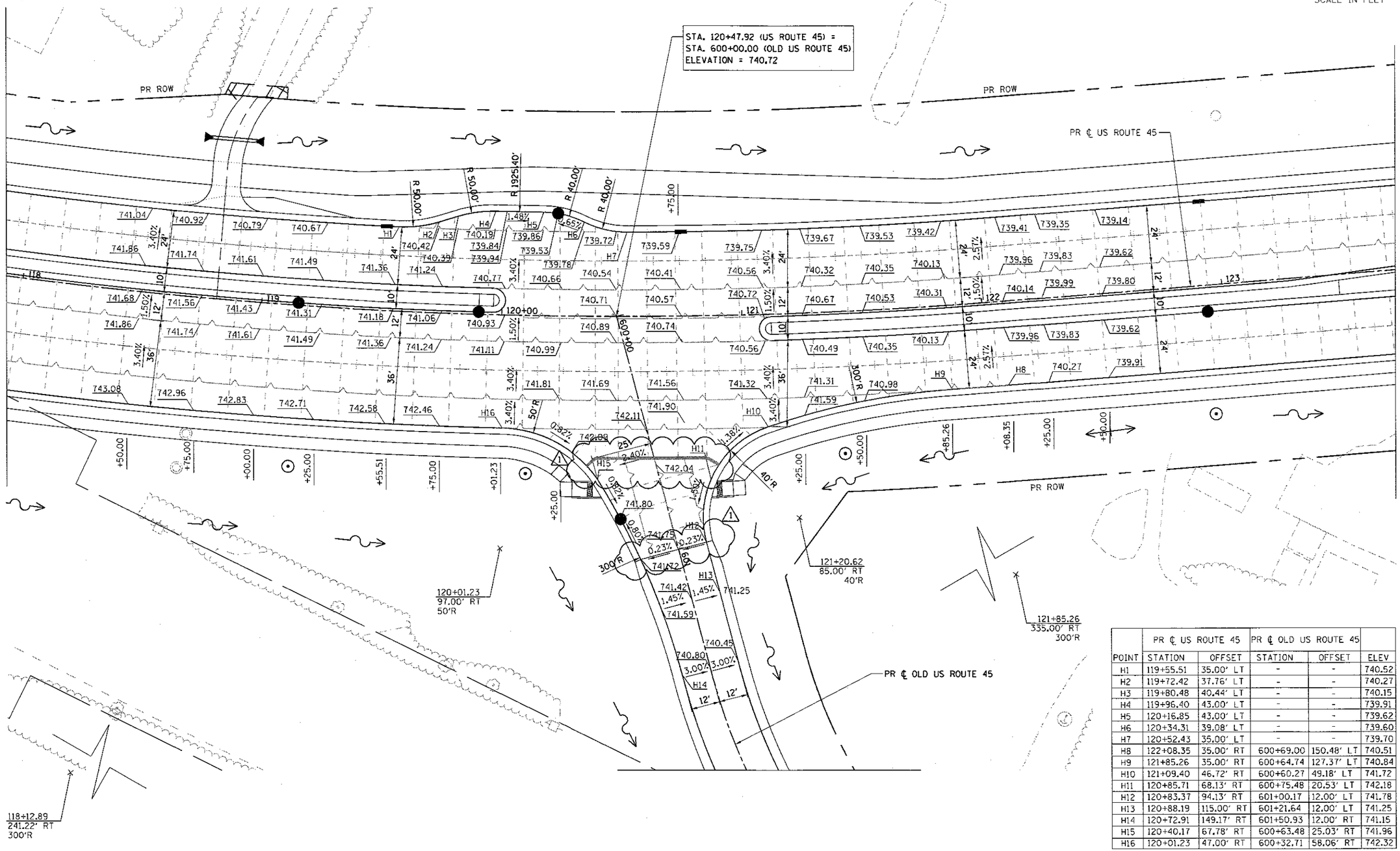
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



POINT	PR ℄ US ROUTE 45 STATION	PR ℄ US ROUTE 45 OFFSET	PR ℄ OLD US ROUTE 45 STATION	PR ℄ OLD US ROUTE 45 OFFSET	ELEV
H1	119+55.51	35.00' LT	-	-	740.52
H2	119+72.42	37.76' LT	-	-	740.27
H3	119+80.48	40.44' LT	-	-	740.15
H4	119+96.40	43.00' LT	-	-	739.91
H5	120+16.85	43.00' LT	-	-	739.62
H6	120+34.31	39.08' LT	-	-	739.60
H7	120+52.43	35.00' LT	-	-	739.70
H8	122+08.35	35.00' RT	600+69.00	150.48' LT	740.51
H9	121+85.26	35.00' RT	600+64.74	127.37' LT	740.84
H10	121+09.40	46.72' RT	600+60.27	49.18' LT	741.72
H11	120+85.71	68.13' RT	600+75.48	20.53' LT	742.18
H12	120+83.37	94.13' RT	601+00.17	12.00' LT	741.78
H13	120+88.19	115.00' RT	601+21.64	12.00' LT	741.25
H14	120+72.91	149.17' RT	601+50.93	12.00' RT	741.15
H15	120+40.17	67.78' RT	600+63.48	25.03' RT	741.96
H16	120+01.23	47.00' RT	600+32.71	58.06' RT	742.32

USER NAME = 35361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN MQ	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED JS	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

INTERSECTION LAYOUT DETAILS

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	258

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK / NO. — BY — DATE

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / REL. OF R/W CHECKED / CADD FILE NAME — NOTE BOOK / NO. — BY — DATE

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JOINTING LEGEND

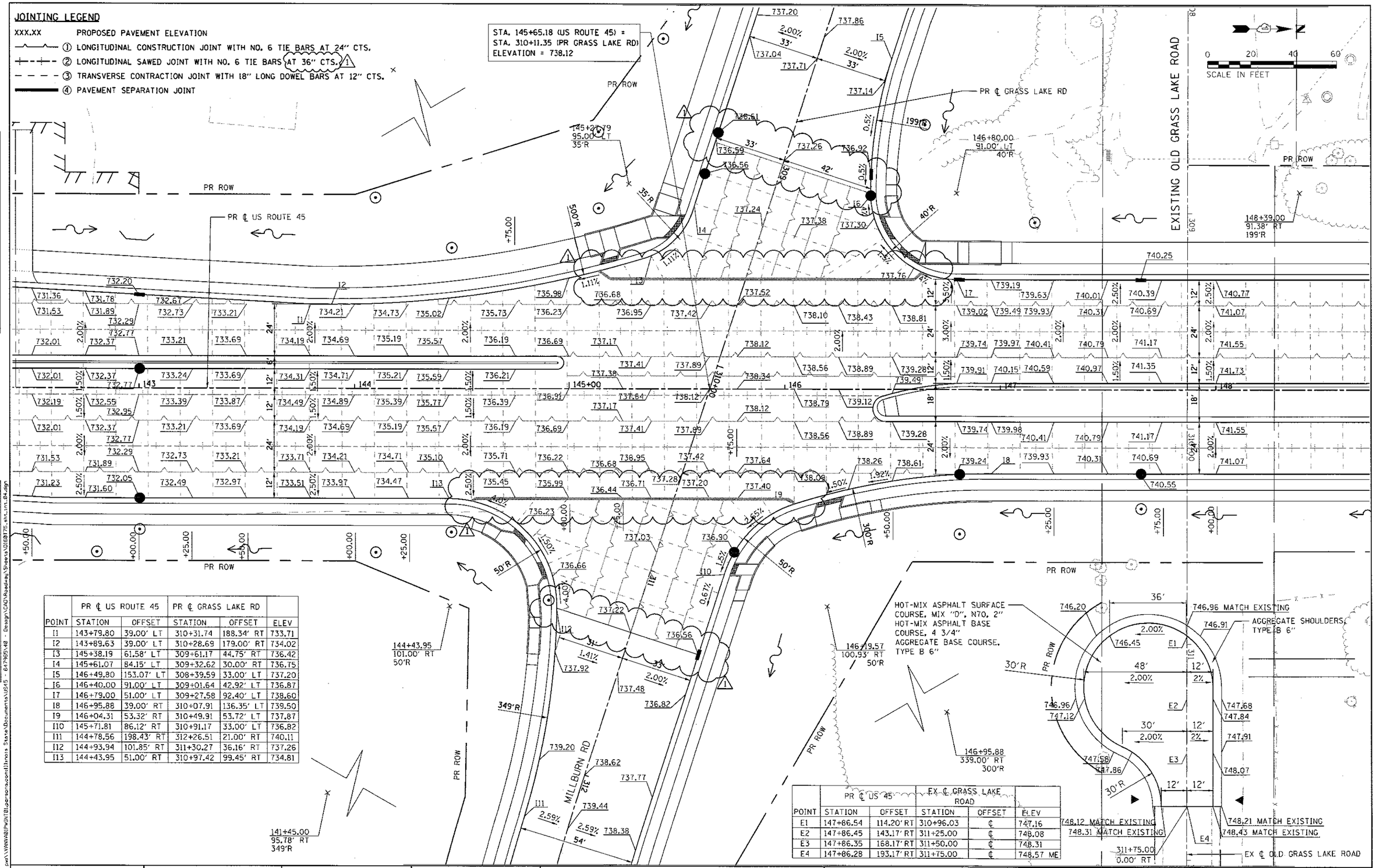
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



	PR ℄ US ROUTE 45		PR ℄ GRASS LAKE RD		
POINT	STATION	OFFSET	STATION	OFFSET	ELEV
I1	143+79.80	39.00' LT	310+31.74	188.34' RT	733.71
I2	143+89.63	39.00' LT	310+28.69	179.00' RT	734.02
I3	145+38.19	61.58' LT	309+61.17	44.75' RT	736.42
I4	145+61.07	84.15' LT	309+32.62	30.00' RT	736.75
I5	146+49.80	153.07' LT	308+39.59	33.00' LT	737.20
I6	146+40.00	91.00' LT	309+01.64	42.92' LT	736.87
I7	146+79.00	51.00' LT	309+27.58	92.40' LT	738.60
I8	146+95.88	39.00' RT	310+07.91	136.35' LT	739.50
I9	146+04.31	53.32' RT	310+49.91	53.72' LT	737.87
I10	145+71.81	86.12' RT	310+91.17	33.00' LT	736.82
I11	144+78.56	198.43' RT	312+26.51	21.00' RT	740.11
I12	144+93.94	101.85' RT	311+30.27	36.16' RT	737.26
I13	144+43.95	51.00' RT	310+97.42	99.45' RT	734.81

	PR ℄ US 45		EX ℄ GRASS LAKE ROAD		
POINT	STATION	OFFSET	STATION	OFFSET	ELEV
E1	147+86.54	114.20' RT	310+96.03	℄	747.16
E2	147+86.45	143.17' RT	311+25.00	℄	748.08
E3	147+86.35	168.17' RT	311+50.00	℄	748.31
E4	147+86.28	193.17' RT	311+75.00	℄	748.57 ME

USER NAME = 38361	DESIGNED	REVISED -	
	DRAWN SO	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED BN	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION LAYOUT DETAILS

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	259

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

△REV 4-16-18

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JOINTING LEGEND

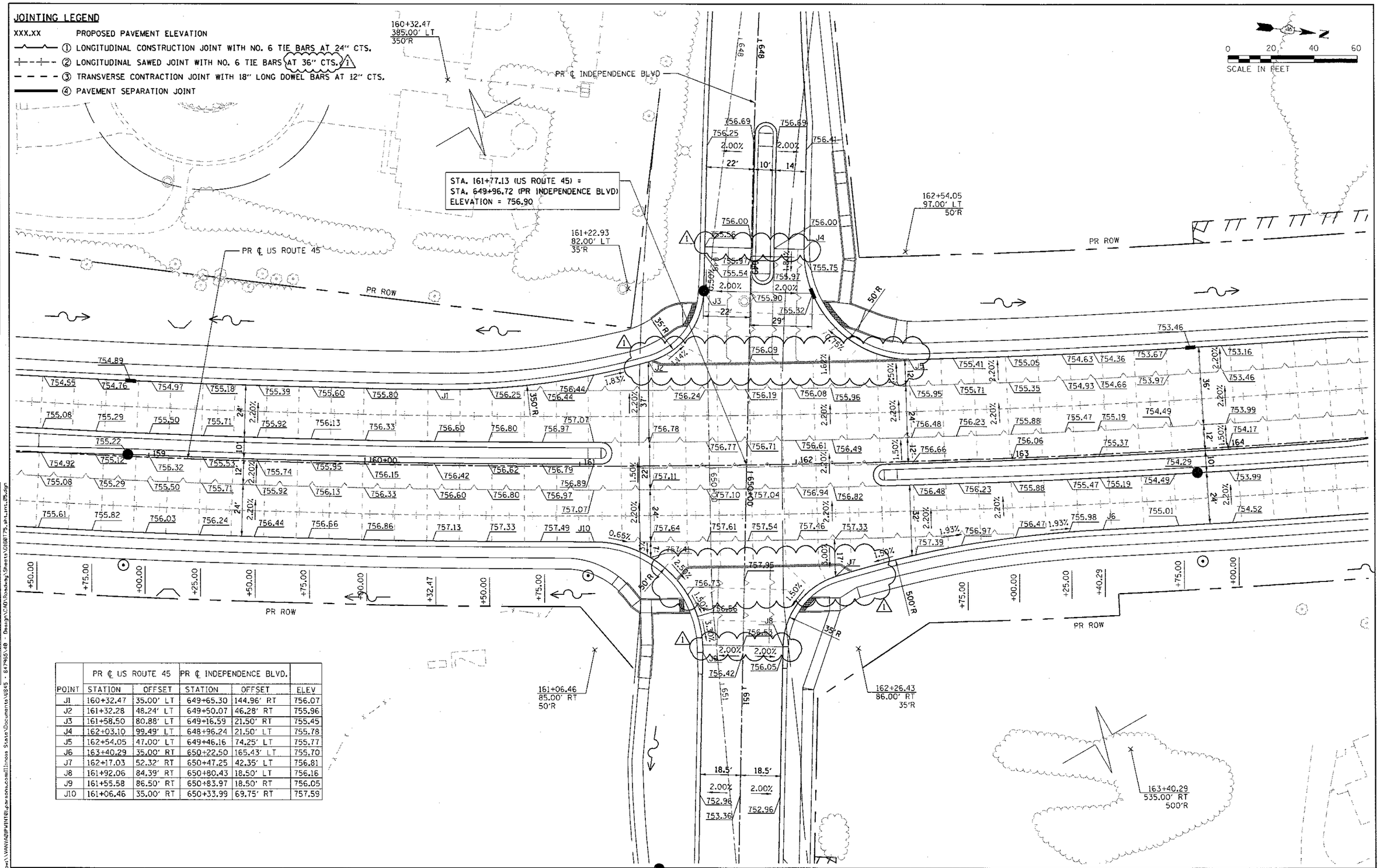
XXX.XX PROPOSED PAVEMENT ELEVATION

① LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.

② LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 36" CTS. △1

③ TRANSVERSE CONTRACTION JOINT WITH 18" LONG DOWEL BARS AT 12" CTS.

④ PAVEMENT SEPARATION JOINT



	PR ℄ US ROUTE 45		PR ℄ INDEPENDENCE BLVD.		
POINT	STATION	OFFSET	STATION	OFFSET	ELEV
J1	160+32.47	35.00' LT	649+65.30	144.96' RT	756.07
J2	161+32.28	48.24' LT	649+50.07	46.28' RT	755.96
J3	161+58.50	80.88' LT	649+16.59	21.50' RT	755.45
J4	162+03.10	99.49' LT	648+96.24	21.50' LT	755.78
J5	162+54.05	47.00' LT	649+46.16	74.25' LT	755.77
J6	163+40.29	35.00' RT	650+22.50	165.43' LT	755.70
J7	162+17.03	52.32' RT	650+47.25	42.35' LT	756.81
J8	161+92.06	84.39' RT	650+80.43	18.50' LT	756.16
J9	161+55.58	86.50' RT	650+83.97	18.50' RT	756.05
J10	161+06.46	35.00' RT	650+33.99	69.75' RT	757.59

USER NAME = 35361	DESIGNED FZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN SO	REVISED	
PLOT SCALE = 40.0000 ' / in.	CHECKED BN	REVISED	
PLOT DATE = 4/6/2018	DATE 04/05/2018	REVISED	

INTERSECTION LAYOUT DETAILS

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	260
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

REV 4-16-18

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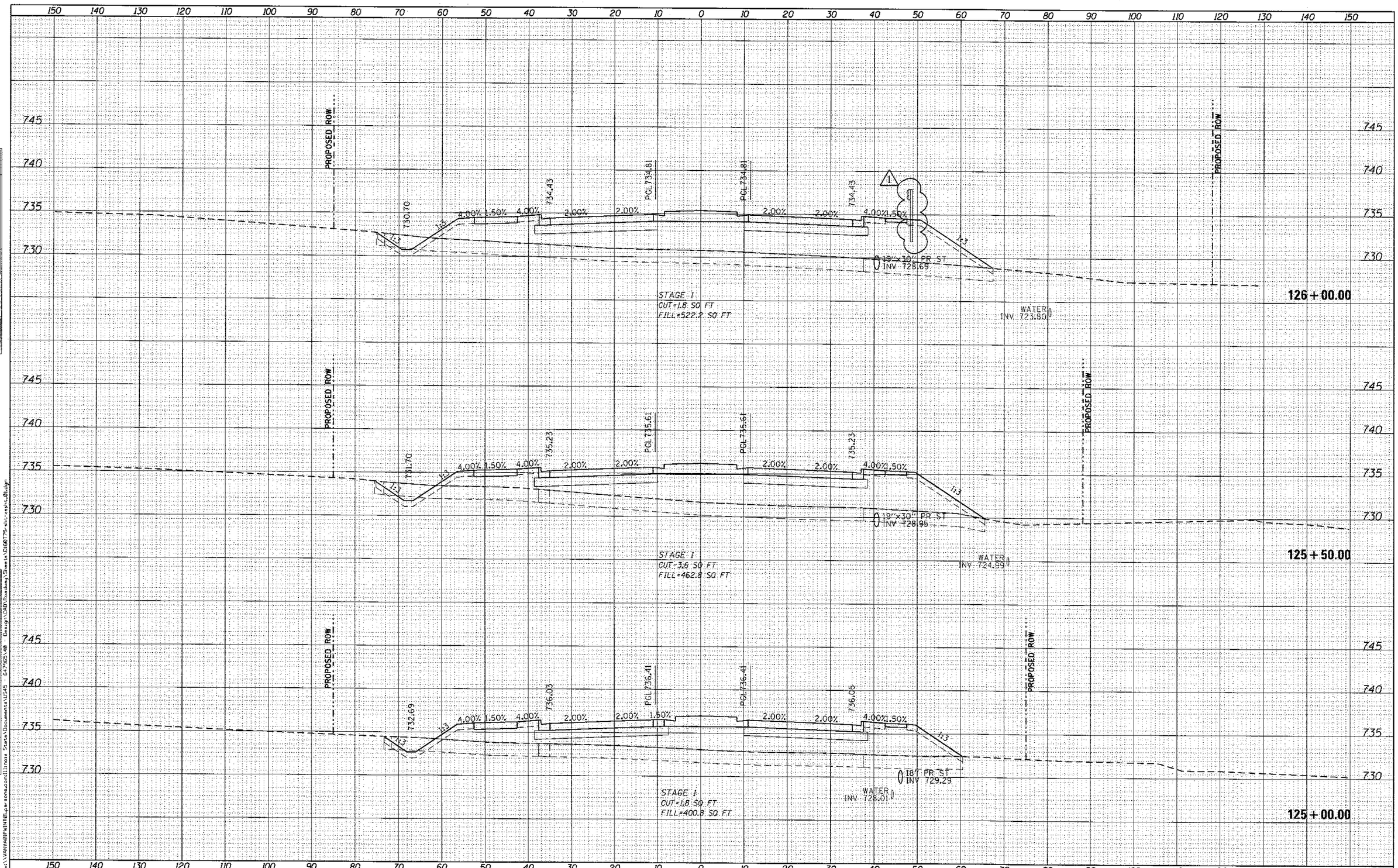

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
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NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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PLOT SCALE = 20.0000 ' / in.	CHECKED - JC	REVISED -	
PLOT DATE = 4/16/2018	DATE - 04/16/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

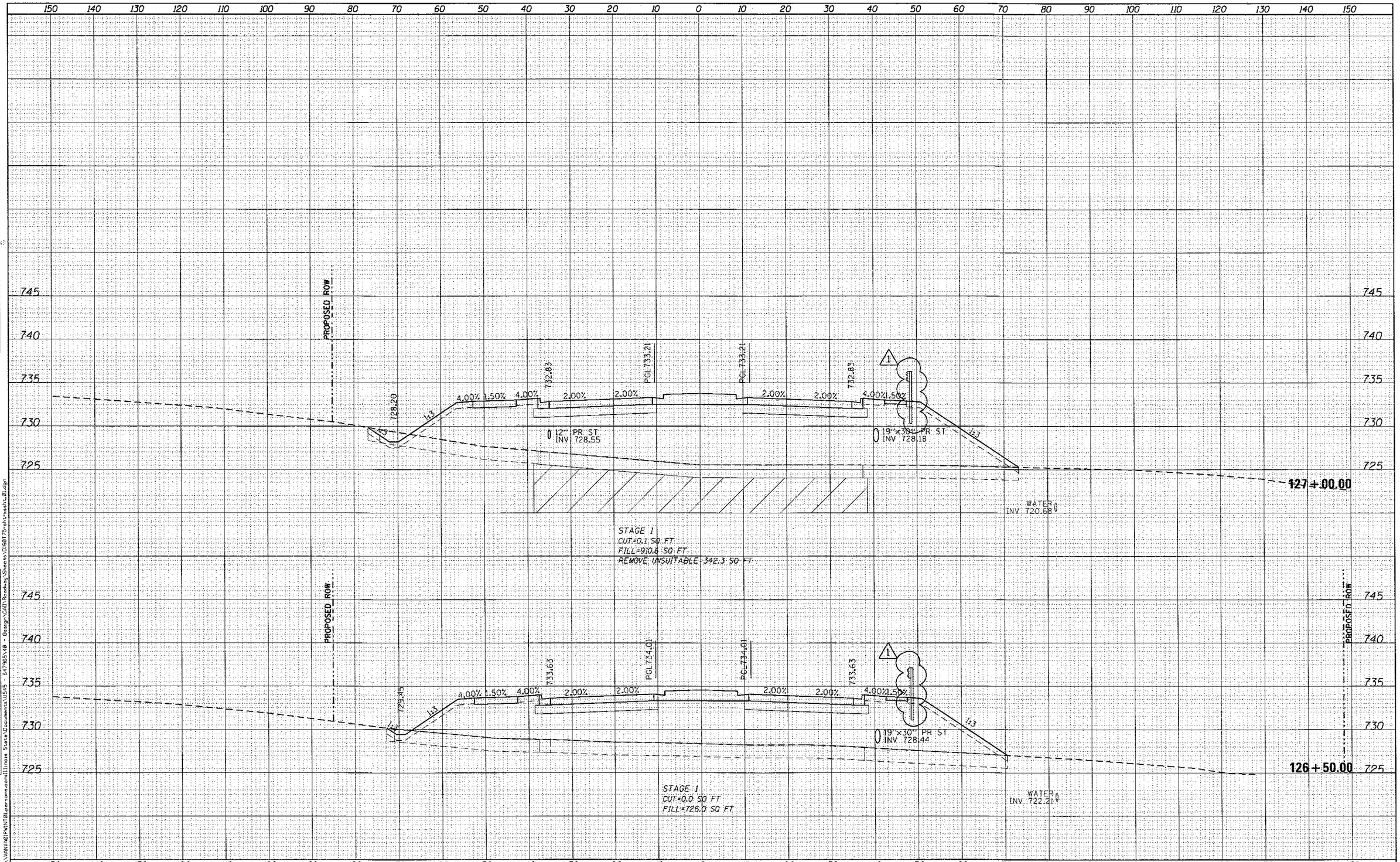
SCALE: | SHEET OF SHEETS | STA. 125+00.00 TO STA. 126+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	409

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18



FINAL SURVEY		BY	DATE
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NOTE BOOK	SURVEYED		
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PLOT DATE = 4/16/2018	DATE - 04/16/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

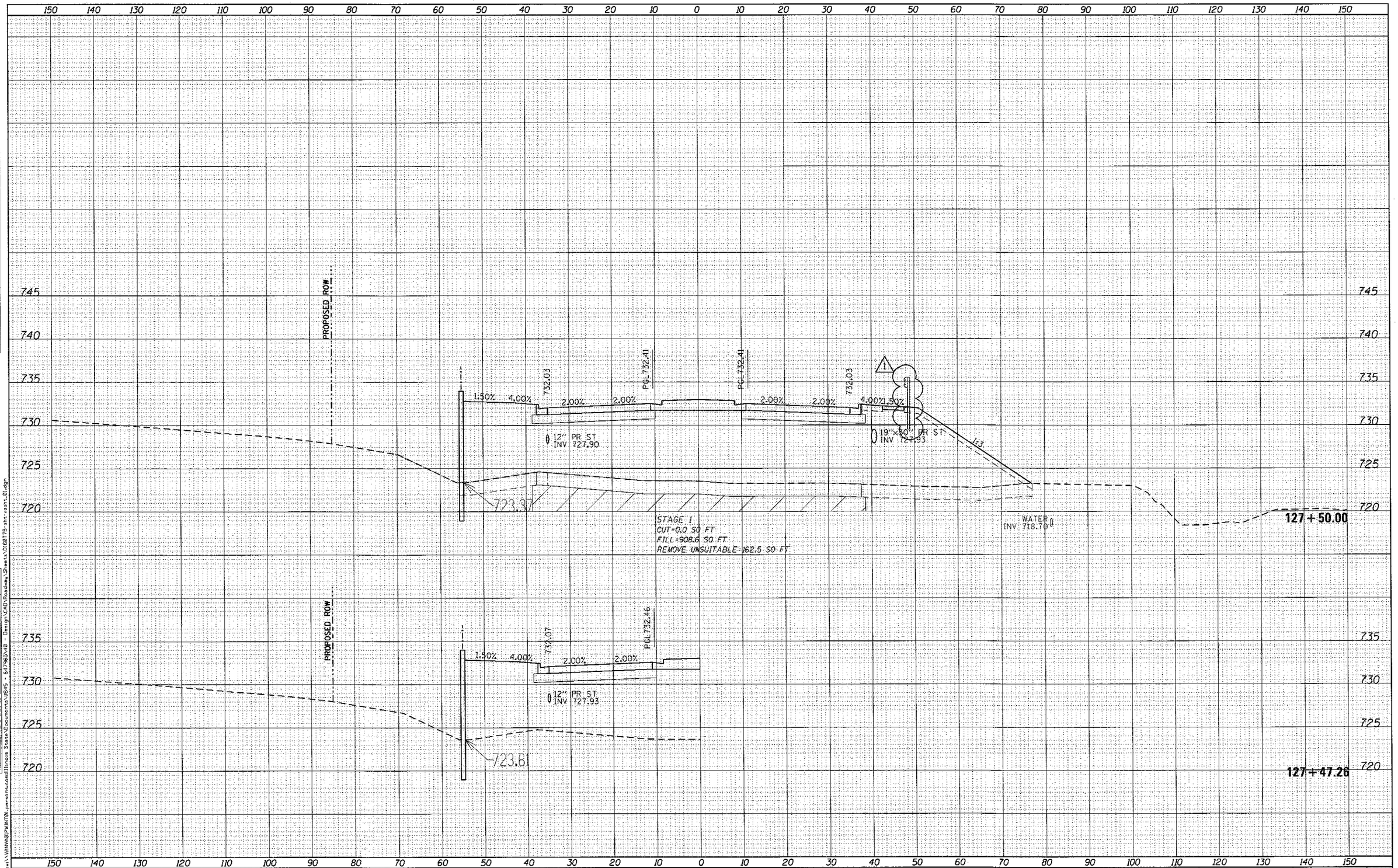
SCALE: | SHEET OF SHEETS | STA. 126+50.00 TO STA. 127+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	410

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18



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PLOT DATE = 4/16/2018	DATE - 04/16/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

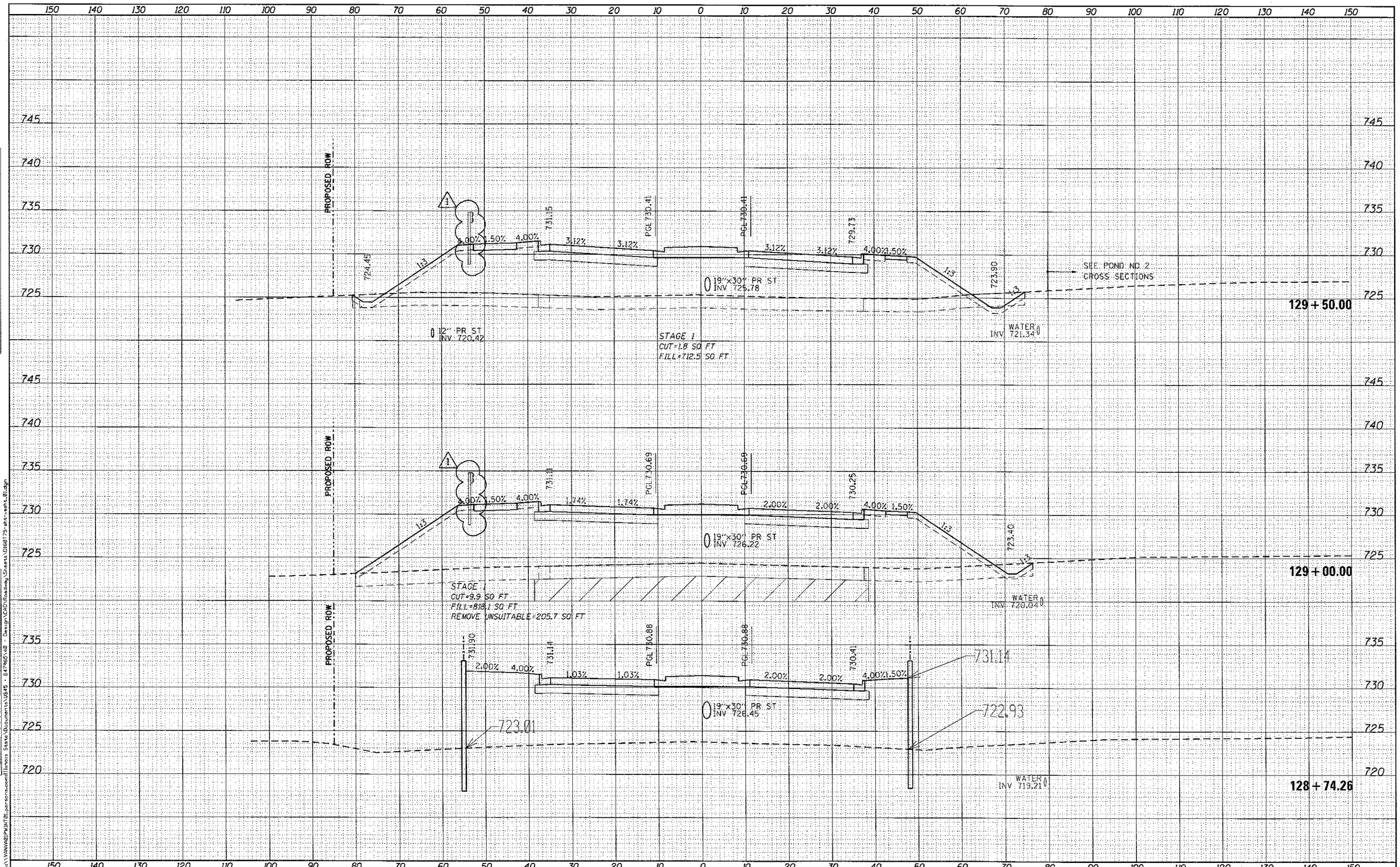
SCALE: | SHEET OF SHEETS | STA. 127+47.26 TO STA. 127+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	411

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

1 REV 4-16-18



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SURVEYED		
PLOTTED		
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AREAS CHECKED		
NOTE BOOK		
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PLOT DATE = 4/16/2018	DATE - 04/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

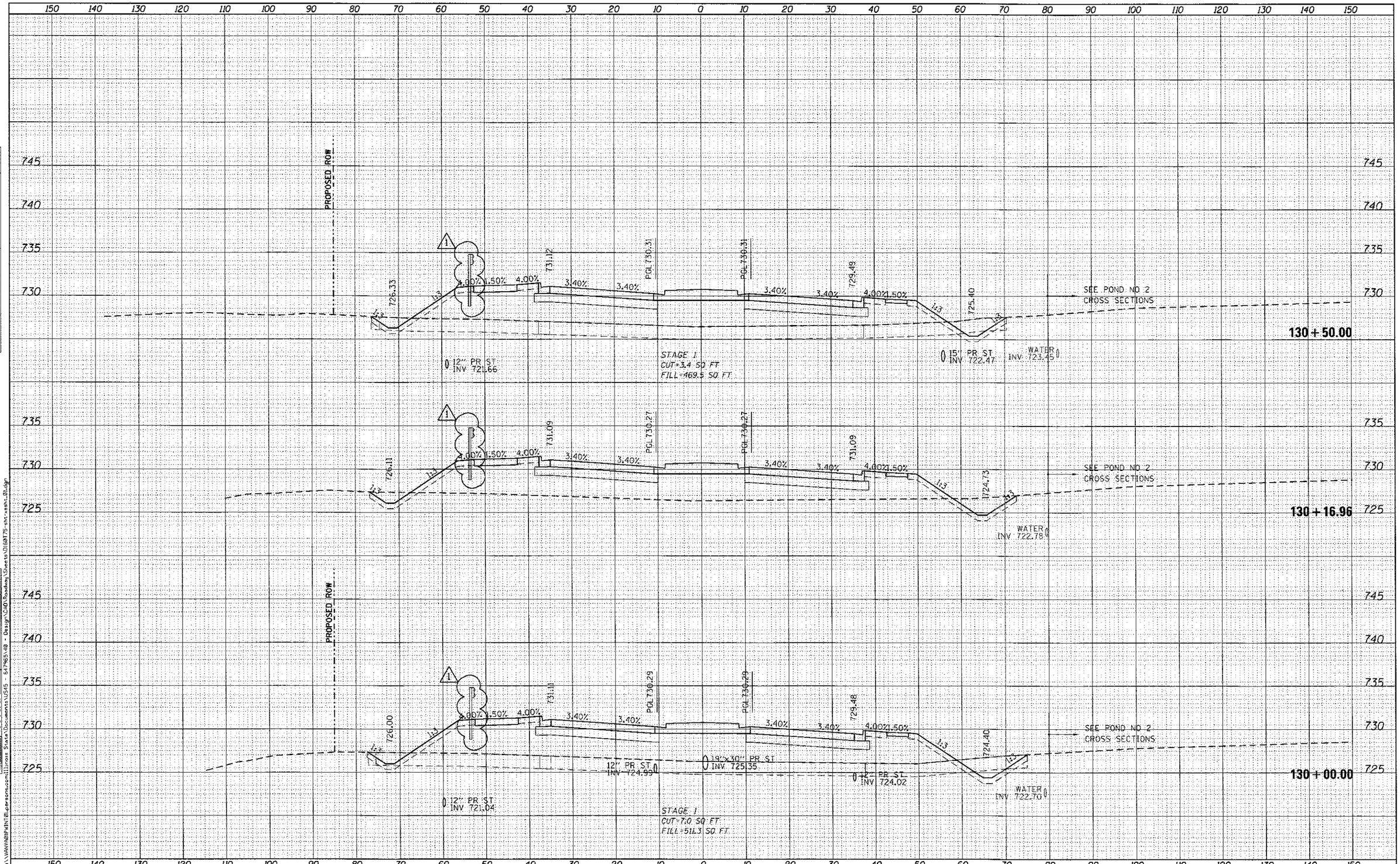
SCALE: | SHEET OF SHEETS | STA. 128+74.26 TO STA. 129+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	414

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
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PLOT DATE = 4/16/2018	DATE - 04/16/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

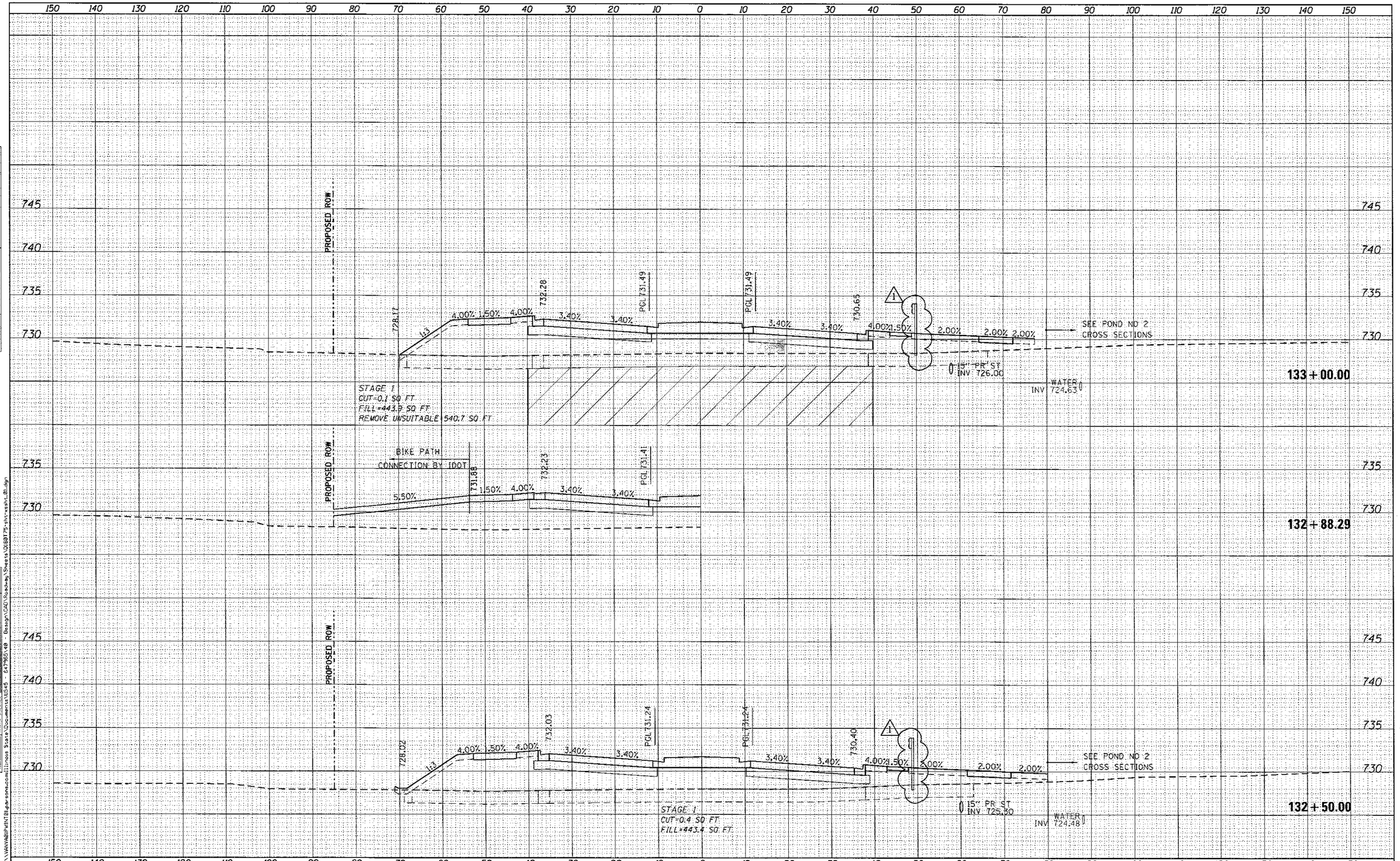
SCALE: | SHEET OF SHEETS | STA. 130+00.00 TO STA. 130+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	415

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18



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PLOT DATE = 4/16/2018	DATE - 04/16/2018 △1	REVISED -	

PROPOSED CROSS SECTIONS
US 45 MAINLINE

SCALE: | SHEET OF SHEETS | STA. 132+50.00 TO STA. 133+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	417

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

△1 REV 4-16-18

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FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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NOTE BOOK	SURVEYED	
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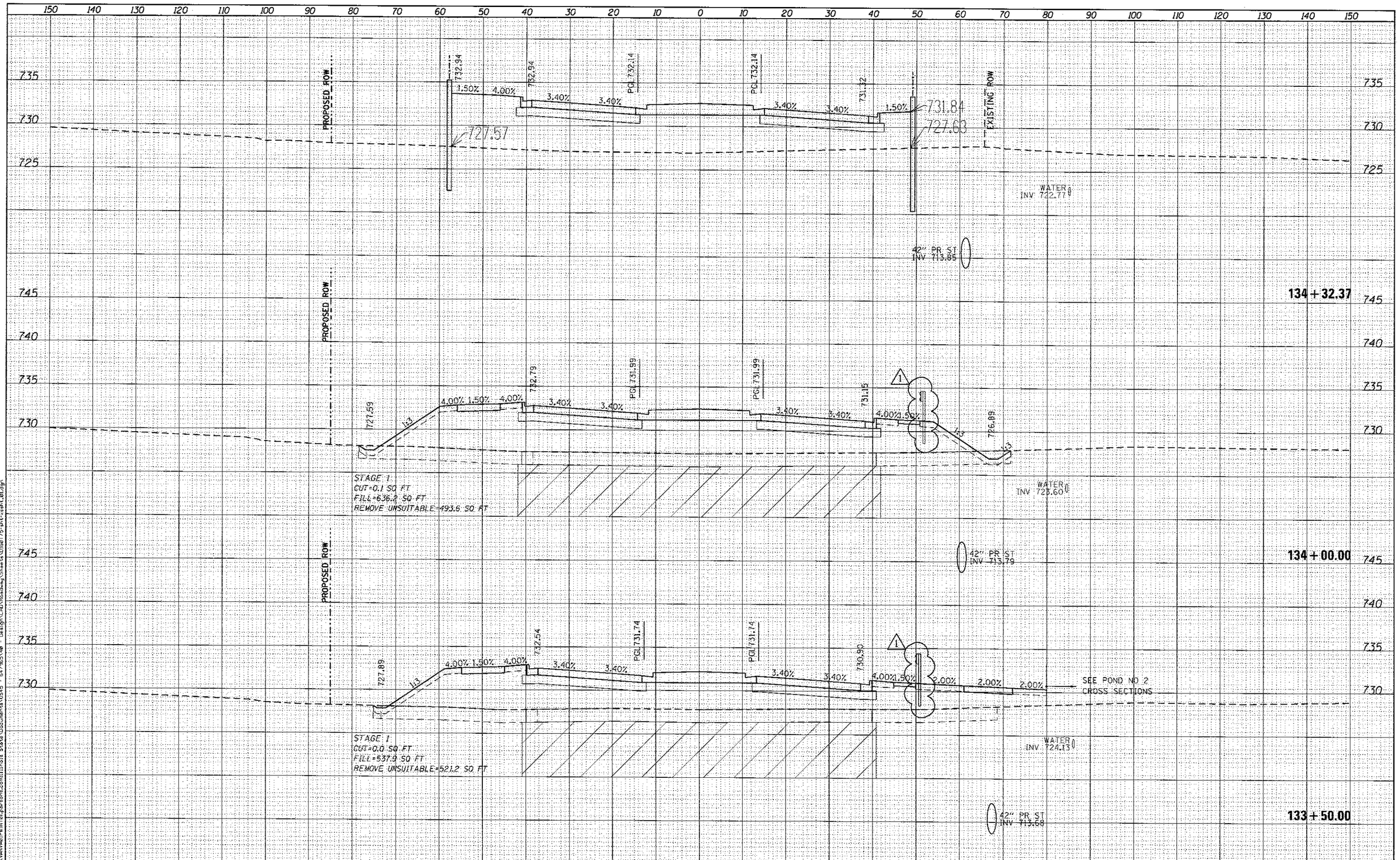

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	AREAS CHECKED		

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PLOT SCALE = 20.0000 ' / in.	CHECKED - JC	REVISED -	
PLOT DATE = 4/16/2018	DATE - 04/16/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

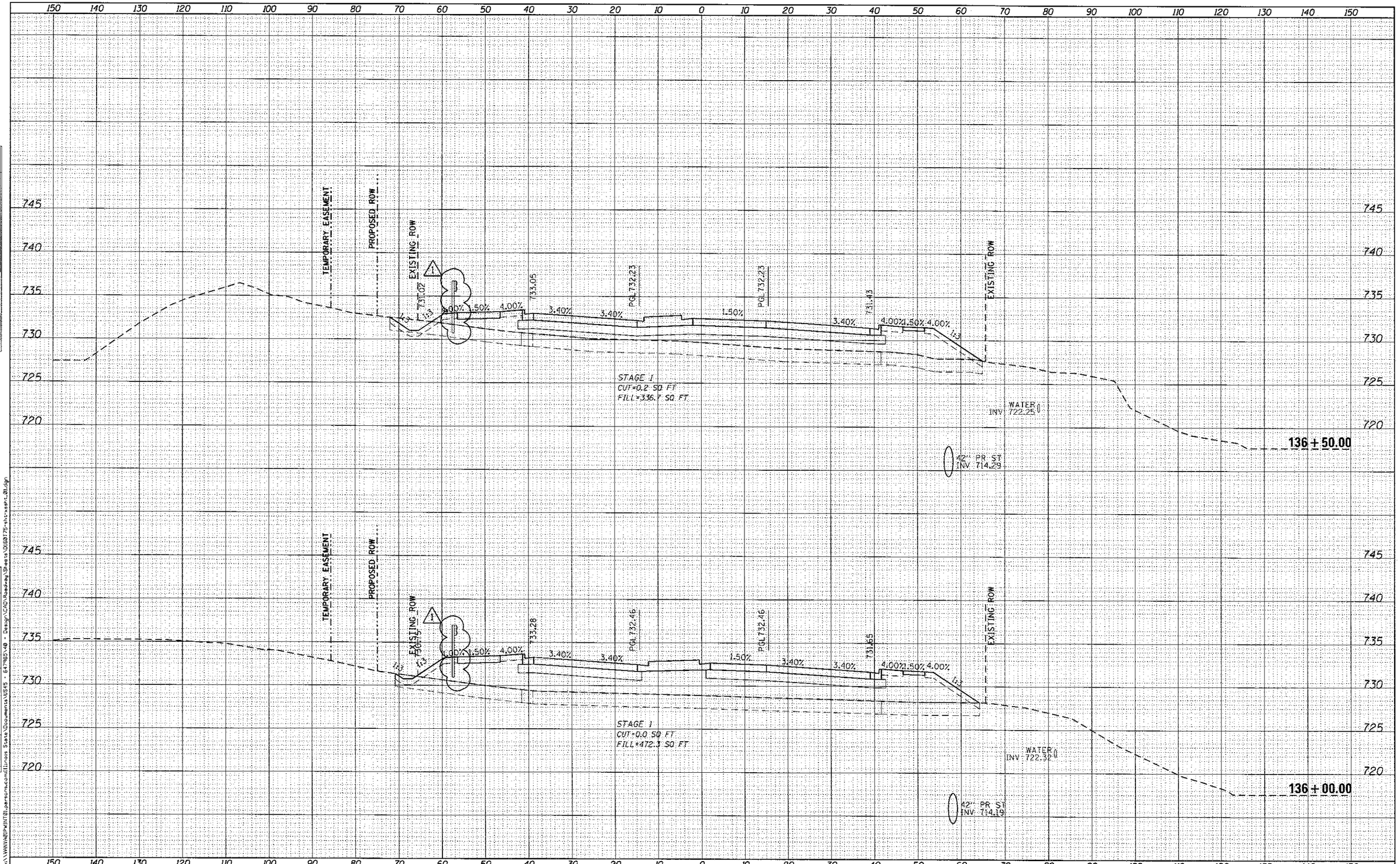
SCALE: | SHEET OF SHEETS | STA. 133+50.00 TO STA. 134+32.37

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	418

CONTRACT NO. 60T75

ILLINOIS FED. AID PROJECT

REV 4-16-18



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FILE NAME = p:\VANVAD1PMINT01\personal\cmsillinois State\Documents\US45 - 647985\40 - Design\CAD\Roadway\Sheets\D160775-sht-xsect-01.dgn

USER NAME = 35361	DESIGNED - FZ	REVISED -	
	DRAWN - SQ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JC	REVISED -	
PLOT DATE = 4/18/2018	DATE - 04/16/2018 △1	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CROSS SECTIONS
US 45 MAINLINE

SCALE: | SHEET OF SHEETS | STA. 136+00.00 TO STA. 136+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	39 R	LAKE	510	422
		CONTRACT NO. 60T75		
		ILLINOIS FED. AID PROJECT		

△1 REV 4-16-18