

1-20-2012 LETTING ITEM 092

FOR INDEX OF SHEETS, SEE SHEET 2.
FOR LIST OF STANDARDS, SEE SHEET 2.

DESIGN DESIGNATION

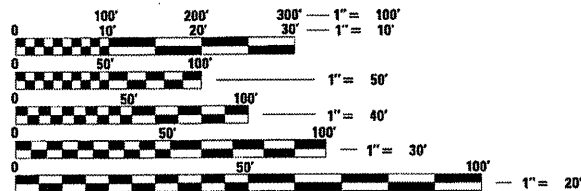
IL RTE 15
1080 (20) OTHER PRINCIPAL ARTERIAL 5.02 (PCC 20)
IL RTE 13
MINOR ARTERIAL

TRAFFIC DATA IL 15

ADT: 16600 (2011)
21800 (2031)
SU: 4.3%
MU: 5.2%

SN 082-0117 & -0118
DUAL TWO SPAN COMPOSITE GIRDER BRIDGE
OVER IC RR, TOTAL LENGTH 351'-8", WITH
SEMI-INTEGRAL PILE SUPPORTED ABUTMENTS
AND PIER WITH SUBSTRUCTURES 30 DEGREE
SKEW TO ABUTMENT.

SN 082-0119 & -0120
DUAL ONE SPAN COMPOSITE 72" BULB T-BEAM
BRIDGES OVER IL RTE 13, TOTAL LENGTH 126',
WITH SEMI-INTEGRAL PILE SUPPORTED ABUTMENTS
AND SUBSTRUCTURES 30 DEGREE SKEW TO ABUTMENT.



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

ST. CLAIR TOWNSHIP, SECTION 35,34

CONTRACT NO. 76884

F.A.P. ROUTE 103, SECTION: 27-1-VHB-1 ST. CLAIR COUNTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 103 (IL 15)
SECTION 27-1-VHB-1

TOTAL STRUCTURE REPLACEMENT
OVER IL ROUTE 13 AND THE IC RAILROAD
ST. CLAIR COUNTY
C-98-040-05

R8W
PROJECT ACBRF-0103(070)

DESCRIPTION ON IMPROVEMENT

THE IMPROVEMENT CONSISTS OF CONSTRUCTION
OF FOUR BRIDGE STRUCTURES OVER IL RTE 13 AND
IC RR, FIVE MSE WALLS AND ALL ASSOCIATED
ROADWAY IMPROVEMENTS.

PROJECT BEGINS
STATION 699+00

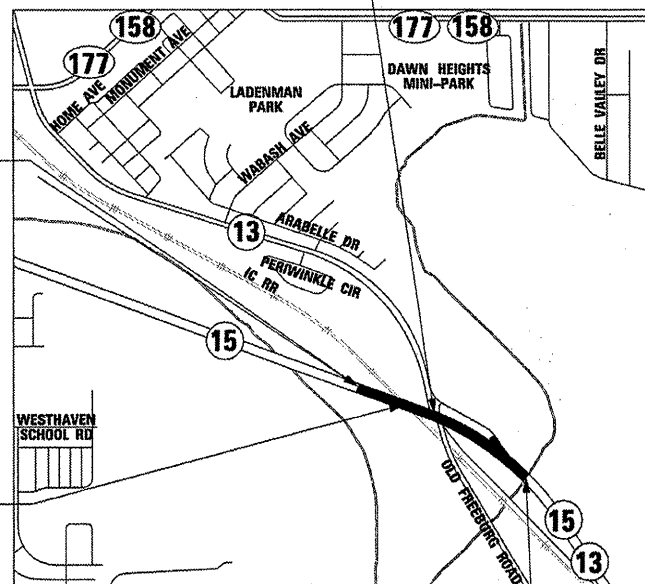
ILLINOIS RTE 15 OVER IC RR
STRUCTURE NO. 082-0117 (E.B.)
082-0118 (W.B.)

ILLINOIS RTE 15 AT IC RR
LATITUDE: 38.49111
LONGITUDE: 89.96111

3rd PM



GROSS LENGTH OF IMPROVEMENT = 2380.5 FT = 0.451 MILES
NET LENGTH OF IMPROVEMENT = 2380.5 FT = 0.451 MILES

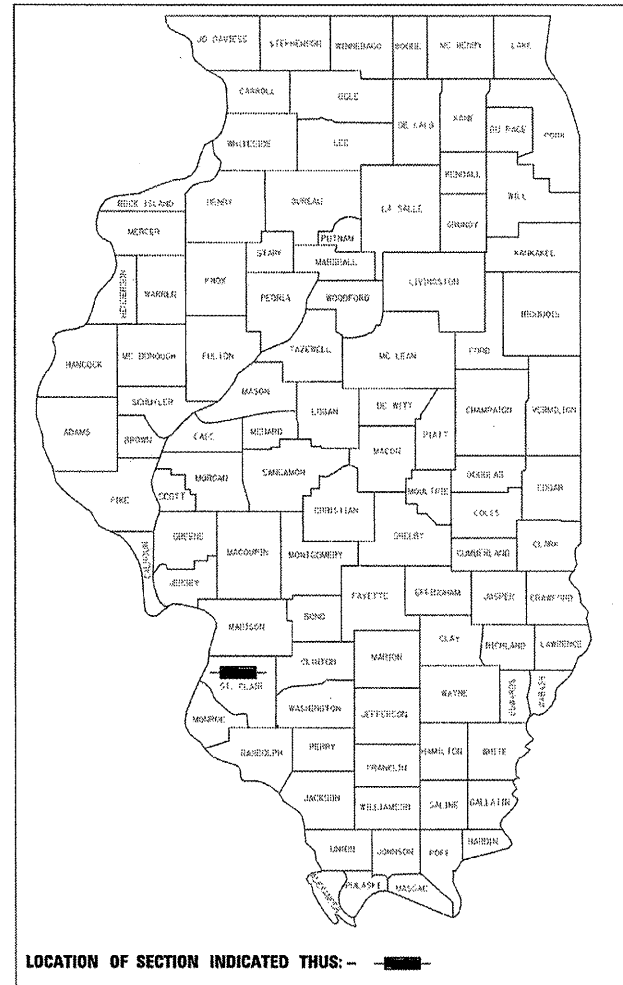


ILLINOIS RTE 15 OVER IL RTE 13
STRUCTURE NO. 082-0119 (E.B.)
082-0120 (W.B.)

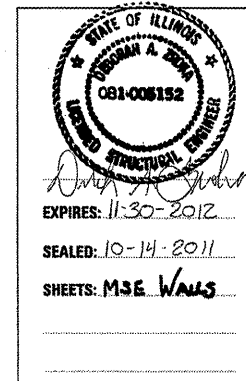
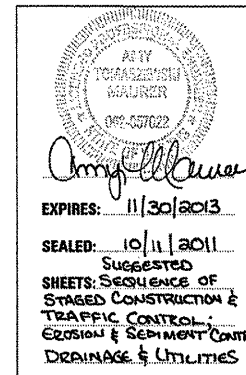
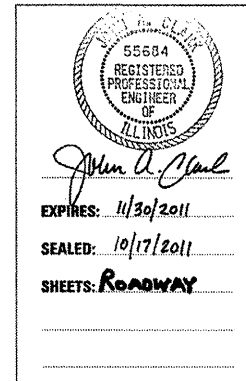
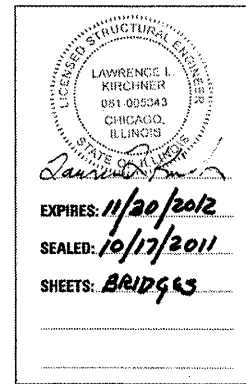
PROJECT ENDS
STATION 723+80.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	1
		ILLINOIS	CONTRACT NO. 76884	

D-98-021-05



LOCATION OF SECTION INDICATED THUS: - [shaded box] -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED October 21 20 11
Deputy Director of Highways Region Five Engineer
December 9 20 11
Scott E. Stitt P.E./E.C.
Engineer of Design and Environment
December 9 20 11
William R. Freyler
Director of Division of Highways, Chief Engineer

PLANS PREPARED BY
STV Incorporated
engineers/architects/scientists/construction managers
Chicago, Illinois (312)553-0655

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

IDOT PROJECT ENGINEER: PATTI LEBEAU
PHONE: (618) 346-3179
IDOT PROJECT MANAGER: HERVE GELIN
PHONE: (618) 346-3323
DESIGN CONSULTANT
STV INCORPORATED
PHONE: 312-553-0655; CHICAGO, IL

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229-245	MSE WALLS
246-273	IL ROUTE 15 CROSS SECTIONS
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HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
001001-02	AREAS OF REINFORCEMENT BARS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
482006-03	HOT-MIX ASPHALT SHOULDER ADJACENT TO RIGID PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 36" (900 MM) DIA. AT RIGHT ANGLES WITH ROADWAY
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 36" (900 MM) DIA. SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-03	INLET TYPE A
602306-03	INLET TYPE B
602401-03	MANHOLE TYPE A
602406-05	MANHOLE TYPE A 6' (1.8m) DIAMETER
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604046-02	FRAME AND GRATE TYPE 10
606201-02	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
610001-06	SHOULDER INLET WITH CURB
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-07	TRAFFIC BARRIER TERMINAL, TYPE 6A
631033-04	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR AND MARKER MOUNTING DETAILS
643001	SAND MODULE IMPACT ATTENUATORS
666001-01	RIGHT OF WAY MARKERS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' to 24" FROM PAVEMENT EDGE
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED >45 MPH
701400-05	APPROACH TO LANE CLOSURE FREEWAY / EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >45 MPH
701416-07	LANE CLOSURE, FREEWAY / EXPRESSWAY, WITH CROSSOVER AND BARRIER
701451-01	RAMP CLOSURE FREEWAY / EXPRESSWAY
701456-02	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 * AMERENIP
 * CHARTER COMMUNICATIONS, INC
 * ILLINOIS AMERICAN WATER CO
 * VERIZON BUSINESS
 * 360 NETWORK INC
 * AT&T ILLINOIS
 MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON J.U.L.I.E. MUST BE NOTIFIED INDIVIDUALLY.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE REMOVAL OF THE BRIDGE APPROACH PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT REMOVAL.
- THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- TWO CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT.
- MIXTURE REQUIREMENT

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER/CROSSOVERS
AC/PG	PG 64-22	PG 76-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes = 90	4.0% @ Ndes = 50	4.0% @ Ndes = 90
MIX COMPOSITION			
(GRADATION MIXTURE)	IL 12.5/9.5	IL 4.75	IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

MIXTURE USE	SHOULDERS >= 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP SPECIAL PROVISION	SEE CONTRACT RAP SPECIAL PROVISION
DESIGN AIR VOIDS	**2.0% @ NDES = 30	**2.0% @ NDES = 30
MIX COMPOSITION	NMAS 3/4"	NMAS 1/2"
(GRADATION MIXTURE)		
FRICITION AGG		

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.
 PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SO M/25MM THICKNESS)

- THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT B EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

- EXISTING WETLANDS LOCATED IN ROW SHALL NOT BE DISTURBED.
- NO PROJECT WORK, INCLUDING EQUIPMENT AND MATERIAL STORAGE, DRIVING VEHICLES AND EQUIPMENT SHALL TAKE PLACE BEYOND THE LIMITS OF CONSTRUCTION IN WETLAND AREAS SHOWN ON THE CONTRACT PLANS.
- PERTINENT INFORMATION: FOLLOWING PROPERTY OWNERS TO BE CONTACTED ANYTIME ACCESS NEAR STA. 735+85 LEFT IS INHIBITED.
 - DENNIS AGNE - PHONE NUMBER 618-234-8967
 - EDWARD & LINDA OTT - PHONE NUMBER 618-235-7187
 - MARIE & ARTHUR G. SCHMIDT, III - PHONE NUMBER 618-234-6744.

NOTE:
 BOXED ITEMS INDICATES WORK NOT PAID FOR SEPARATELY, BUT INCLUDED AS PART OF ANOTHER PAY ITEM OR COST ASSOCIATED WITH THIS CONTRACT.

FILE NAME = 0576884-sh1-gamnote.dgn	USER NAME = thampsd	DESIGNED GC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS / GENERAL NOTES, HIGHWAY STANDARDS / COMMITMENTS	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	MODEL NAME = #MODELNAME#	DRAWN RDT	REVISED -			103	27-1-VHB-1	ST. CLAIR	277	2	
	PLOT SCALE = 20.000 / IN.	CHECKED JAP	REVISED -			CONTRACT NO. 76884					
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. -----	TO STA. -----	ILLINOIS FED. AID PROJECT	

80% FEDERAL
20% STATE
LICE L

SUMMARY OF QUANTITIES												
ITEM #	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	0004 0005 01 02 03 04 01 02 03								
				ROADWAY	RESURFACING	BRIDGE SN 082-0117	BRIDGE SN 082-0118	BRIDGE SN 082-0119	BRIDGE SN 082-0120	MSE RET WALL SN 082-W311	MSE RET WALL SN 082-W312	MSE RET WALL SN 082-W313
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2,265	2,265								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	416	416								
20101100	TREE TRUNK PROTECTION	EACH	24	24								
20200100	EARTH EXCAVATION	CU YD	3,785	3,318	467							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,208	4,208								
20400100	BORROW EXCAVATION	CU YD	78,680	76,712	1,968							
20800150	TRENCH BACKFILL	CU YD	872	872								
* 25000200	SEEDING, CLASS 2	ACRE	2.75	2.75								
* 25000210	SEEDING, CLASS 2A	ACRE	5.00	5.00								
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	698	698								
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	698	698								
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	698	698								
* 25100115	MULCH, METHOD 2	ACRE	30.25	30.25								
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	15,261	15,023	238							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,250	2,250								
28000305	TEMPORARY DITCH CHECKS	FOOT	340	340								
28000400	PERIMETER EROSION BARRIER	FOOT	8,170	8,170								
28000500	INLET AND PIPE PROTECTION	EACH	23	23								
28100105	STONE RIPRAP, CLASS A3	SQ YD	638	638								
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	2,951	2,951								
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	670			110	120	230	210			
31200110	STABILIZED SUBBASE 6"	SQ YD	5,103	5,103								
35100100	AGGREGATE BASE COURSE, TYPE A	TON	2,082	1,067	1,015							
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	666	375	291							
40600300	AGGREGATE (PRIME COAT)	TON	13.4	4.6	8.8							
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	386	260	126							
40600895	CONSTRUCTING TEST STRIP	EACH	2	2								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	297	244	53							
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	163	163								
40603092	HOT-MIX ASPHALT BINDER COURSE, IL -19.0, FG, N90	TON	1,403		1,403							
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	749	259	490							
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	8,852	8,852								
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	3,095	3,095								
42001300	PROTECTIVE COAT	SQ YD	6,549	6,549								
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	1,616	1,616								

* DENOTES SPECIALTY ITEM

FILE NAME = 0876884-sh1-summary.dgn	USER NAME = thomps-d	DESIGNED GC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	MODEL NAME = #MODELNAME#	DRAWN RDT	REVISED -		SCALE: NONE	SHEET NO. 1 OF 5 SHEETS	STA. -----	TO STA. -----	103	27-1-VHB-1	ST. CLAIR	277	3
	PLOT SCALE = 20,000 / IN.	CHECKED JAP	REVISED -								CONTRACT NO. 76884		
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -		ILLINOIS FED. AID PROJECT								

80% FEDERAL
20% STATE
LICE L

SUMMARY OF QUANTITIES

ITEM #	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	SUMMARY OF QUANTITIES														
				0004 ROADWAY	0005 RESURFACING	0011 BRIDGE SN 082-0117	0011 BRIDGE SN 082-0118	0011 BRIDGE SN 082-0119	0011 BRIDGE SN 082-0120	0040 MSE RET WALL SN 082-W311	0040 MSE RET WALL SN 082-W312	0040 MSE RET WALL SN 082-W313						
42001500	P. C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT	SQ YD	1,516	1,516														
44000100	PAVEMENT REMOVAL	SQ YD	12,583	12,583														
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5,828		5,828													
44004250	PAVED SHOULDER REMOVAL	SQ YD	7,711	4,588	3,123													
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	127		127													
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	9,787	6,148	3,639													
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1												
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1				1											
50157300	PROTECTIVE SHIELD	SQ YD	1,279			296	296	344	343									
50200100	STRUCTURE EXCAVATION	CU YD	4,129			253	253					2068	635	920				
50300225	CONCRETE STRUCTURES	CU YD	1,899.4			442	439	109.3	109.1									
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,885.2			549.5	549.5	393.1	393.1									
50300260	BRIDGE DECK GROOVING	SQ YD	4,042			1480	1480	541	541									
50300300	PROTECTIVE COAT	SQ YD	5,055			1,848	1,847	680	680									
50400105	PRECAST CONCRETE BRIDGE SLAB	SQ FT	5,020			2,510	2,510											
50400745	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BULB T-BEAMS 72"	FOOT	2,021.50					1,010.75	1,010.75									
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			0.5	0.5											
50500505	STUD SHEAR CONNECTORS	EACH	10,440			5,220	5,220											
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	629,420			227,450	227,850	87,180	86,940									
50800515	BAR SPLICERS	EACH	180					90	90									
50800530	MECHANICAL SPLICERS	EACH	512			256	256											
51100100	SLOPE WALL 4 INCH	SQ YD	373			16	16	188	153									
51201600	FURNISHING STEEL PILES HP12X53	FOOT	10,378			3,677	3,689	1,488	1,524									
51202305	DRIVING PILES	FOOT	10,378			3,677	3,689	1,488	1,524									
51203600	TEST PILE STEEL HP12X53	EACH	10			3	3	2	2									
51204650	PILE SHOES	EACH	184			66	66	26	26									
51500100	NAME PLATES	EACH	7			1	1	1	1									
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	26			5	5	8	8									
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	10			5	5											
52100520	ANCHOR BOLTS, 1"	EACH	52			10	10	16	16									
52100540	ANCHOR BOLTS, 1 1/2"	EACH	40			20	20											
54001061	GRATED BOX CULVERT END SECTIONS, CULVERT NO. 01	EACH	2	2														
54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	452	452														
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	8														
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1														

* DENOTES SPECIALTY ITEM

80% FEDERAL
20% STATE
LICE L

SUMMARY OF QUANTITIES

ITEM #	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	SUMMARY OF QUANTITIES													
				0004 ROADWAY	0005 RESURFACING	0011 BRIDGE SN 082-0117	0011 BRIDGE SN 082-0118	0011 BRIDGE SN 082-0119	0011 BRIDGE SN 082-0120	0040 MSE RET WALL SN 082-W311	0040 MSE RET WALL SN 082-W312	0040 MSE RET WALL SN 082-W313					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2													
54215559	METAL END SECTIONS 24"	EACH	1	1													
54215565	METAL END SECTIONS 30"	EACH	1	1													
54248510	CONCRETE COLLAR	CU YD	0.3	0.3													
5421C015	PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	FOOT	228	228													
5421C024	PIPE CULVERTS, CLASS C, TYPE 1 24" (TEMPORARY)	FOOT	224	224													
5421C030	PIPE CULVERTS, CLASS C, TYPE 1 30" (TEMPORARY)	FOOT	321	321													
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	318	318													
550A0620	STORM SEWERS, CLASS A, TYPE 3 8"	FOOT	1	1													
550A0920	STORM SEWERS, CLASS A, TYPE 4 8"	FOOT	1	1													
550A1220	STORM SEWERS, CLASS A, TYPE 5 8"	FOOT	1	1													
550A1550	STORM SEWERS, CLASS A, TYPE 6 15"	FOOT	118	118													
550A1580	STORM SEWERS, CLASS A, TYPE 6 24"	FOOT	247	247													
55100700	STORM SEWER REMOVAL 15"	FOOT	59	59													
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	382				115	115	76	76							
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2													
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1													
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1													
60240305	INLETS, TYPE B, TYPE 10 FRAME AND GRATE	EACH	3	3													
60260100	INLETS TO BE ADJUSTED	EACH	3	3													
60500060	REMOVING INLETS	EACH	7	7													
60602800	CONCRETE GUTTER, TYPE B	FOOT	1,019	95							395	269	260				
61000115	TYPE E INLET BOX, STANDARD 610001	EACH	4	4													
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	5	5													
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	6,650.0	6,650.0													
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2													
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	8	8													
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	1	1													
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8													
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	1	1													
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	2													
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3													
63200310	GUARDRAIL REMOVAL	FOOT	5,003	4,549	454												
63500105	DELINEATORS	EACH	16	10	6												
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1													

* DENOTES SPECIALTY ITEM

FILE NAME =
0876884-sh1-summary.dgn

USER NAME = thompsrd	DESIGNED GC	REVISED -
MODEL NAME = #MODELNAME#	DRAWN RDT	REVISED -
PLOT SCALE = 20.000 / IN.	CHECKED JAP	REVISED -
PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 5 SHEETS STA. ----- TO STA. -----

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	5
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

80% FEDERAL
20% STATE
LICE L

SUMMARY OF QUANTITIES

ITEM #	ITEM DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	SUMMARY OF QUANTITIES													
				0004 ROADWAY	0005 RESURFACING	0011 BRIDGE SN 082-0117	0011 BRIDGE SN 082-0118	0011 BRIDGE SN 082-0119	0011 BRIDGE SN 082-0120	0040 MSE RET WALL SN 082-W311	0040 MSE RET WALL SN 082-W312	0040 MSE RET WALL SN 082-W313					
64301090	ATTENUATOR BASE	SQ YD	32	32													
66201120	CONCRETE SHOULDER CURB	FOOT	306	306													
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	4	4													
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	400	400													
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1													
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1													
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	28	28													
67100100	MOBILIZATION	L SUM	1	1													
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	1	1													
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1													
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1													
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1													
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1													
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1													
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	48	48													
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	47,752	47,752													
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	14,875	14,875													
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7,437.5	7,437.5													
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7,287.5	7,287.5													
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	2		2											
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	1		2											
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	6,020.5	6,020.5													
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	33,336.5	33,336.5													
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	319.5	319.5													
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	370	370													
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	72	72													
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	52	41		11											
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	24	24													
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	2		2											
78300100	PAVEMENT MARKING REMOVAL	SQ FT	11,052	11,052													
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	182	182													
X0322278	RODENT SHIELDS	EACH	3	3													
X0323149	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	10,446				7228		3218								
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	2	2													
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	500	500													

* DENOTES SPECIALTY ITEM

SUMMARY OF QUANTITIES												
ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0004	0005	0011	0011	0011	0011	0040	0040	0040
				ROADWAY IL RTE 15	RESURFACING	BRIDGE SN 082-0117	BRIDGE SN 082-0118	BRIDGE SN 082-0119	BRIDGE SN 082-0120	MSE RET WALL SN 082-W311	MSE RET WALL SN 082-W312	MSE RET WALL SN 082-W313
X0327139	AGGREGATE COLUMN GROUND IMPROVEMENT	L SUM	1	1								
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	333			174	159					
X4810100	TEMPORARY SHOULDERS	SQ YD	979	979								
X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	558			279	279					
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	2	2								
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6,020.5	6,020.5								
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	500	500								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	141	141								
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	47	47								
Z0016702	DETOUR SIGNING	L SUM	1	1								
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	1			1						
Z0018800	DRAINAGE SYSTEM	L SUM	1			1						
Z0026407	TEMPORARY SHEET PILING	SQ FT	2,153			1,458		695				
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3								
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	3	3								
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	18,672			674				7835	5405	4758
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	180			90	90					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
Z0065704	BITUMINOUS COATED AGGREGATE SLOPEWALL 6"	SQ YD	10,512			4,910	5,602					
Z0065760	SLOTTED DRAIN 15" WITH VARIABLE SLOT	FOOT	193	193								
Z0065765	SLOTTED DRAIN 18" WITH VARIABLE SLOT	FOOT	386	386								
Z0065780	SLOTTED DRAIN 30" WITH VARIABLE SLOT	FOOT	649	649								
+ Z0076600	TRAINEE'S	HOUR	4,000	4,000								
Z0073100	TEMPORARY SHORING	EACH	3	3								

* DENOTES SPECIALTY ITEM
+ 0042

FILE NAME = 0676884-sht-summary.dgn	USER NAME = thompson	DESIGNED GC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME = #MODELNAME#	DRAWN RDT	REVISED -	103			27-1-VHB-1	ST. CLAIR	277	7	
PLOT SCALE = 20.000 / IN.	CHECKED JAP	REVISED -	CONTRACT NO. 76884							
PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 5 OF 5 SHEETS	STA. -----	TO STA. -----			

TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
LOCATION	(UNIT)		
699+65.45	77.15	LT	8
699+80.89	86.57	LT	8
700+02.91	91.13	RT	6
700+06.18	97.90	RT	6
700+07.45	98.04	RT	12
700+12.99	71.03	RT	8
700+19.23	93.27	RT	6
700+23.84	76.14	RT	15
700+24.66	77.83	RT	15
700+24.96	81.96	RT	6
700+25.95	81.57	RT	6
700+37.42	87.89	RT	6
700+42.11	81.96	RT	6
700+44.53	71.60	RT	8
700+66.68	83.53	RT	6
700+66.91	83.67	RT	6
700+77.11	75.75	RT	10
700+95.44	74.45	RT	15
701+10.91	84.57	LT	8
701+15.16	109.66	LT	8
701+16.69	86.69	LT	6
701+18.48	86.85	LT	8
701+21.94	66.39	RT	6
701+22.51	75.56	RT	6
701+23.49	69.37	RT	8
701+24.26	100.37	LT	14
701+27.26	103.67	LT	10
701+27.75	79.48	LT	15
701+30.92	86.48	LT	6
701+32.47	79.95	RT	6
701+54.40	102.41	LT	15
701+66.22	89.30	RT	6
701+72.86	76.05	RT	12
701+80.96	79.63	RT	6
701+86.80	77.07	RT	8
701+88.47	85.44	RT	8
701+89.29	81.52	RT	6
701+93.65	84.28	RT	10
702+18.27	85.43	RT	8
702+29.96	95.05	RT	8
702+32.59	84.94	RT	8
702+35.57	84.05	RT	6
702+40.19	96.20	RT	6
702+41.94	91.89	RT	6
702+56.83	87.98	RT	15
702+57.24	77.80	RT	8
702+60.89	92.24	LT	12
702+63.37	75.32	RT	6
702+72.13	100.88	RT	6
702+75.13	70.03	RT	8
702+76.69	75.69	RT	6
702+79.15	87.06	RT	10
702+79.49	91.67	RT	8
702+82.43	86.95	RT	8
702+85.54	97.99	RT	8
702+86.62	86.01	RT	8
702+97.88	90.54	RT	15
702+98.82	91.24	RT	10
703+02.91	83.38	LT	10
703+07.89	83.47	RT	6
703+08.18	83.00	RT	6
703+08.89	81.35	LT	8
703+09.04	75.89	RT	10
703+13.78	82.20	RT	8
703+14.32	75.87	LT	10
703+16.82	93.95	RT	6
703+34.87	74.60	RT	12
703+51.73	80.24	RT	6
703+52.34	69.90	RT	8
703+56.44	109.54	RT	10
703+56.91	108.70	RT	8
703+59.24	72.95	RT	8
703+62.07	80.86	RT	8
703+62.62	81.76	RT	8
703+62.79	79.37	RT	6
703+67.64	80.91	RT	6
703+68.51	73.13	RT	6
703+75.51	77.80	RT	10
703+81.89	75.31	RT	8
703+86.67	78.76	RT	8
703+88.98	64.27	RT	6
703+91.56	89.23	RT	12
703+93.06	69.39	RT	6

TREE REMOVAL (6 TO 15 UNITS DIAMETER) CONTINUED			
LOCATION	(UNIT)		
704+04.59	77.07	RT	6
704+04.96	79.72	RT	8
704+23.36	94.31	RT	15
704+23.49	94.48	RT	15
704+29.42	96.83	RT	10
704+29.46	97.91	RT	12
704+35.07	67.05	RT	10
704+38.66	108.87	RT	8
704+38.70	106.72	RT	8
704+38.70	106.39	RT	8
704+38.74	109.75	RT	8
704+48.52	68.20	RT	8
704+51.51	61.20	RT	10
704+55.45	109.29	RT	15
704+56.17	93.33	RT	10
704+62.54	102.99	RT	6
704+63.85	103.79	RT	12
704+74.38	73.50	RT	6
704+75.36	110.43	RT	8
704+80.10	107.47	RT	10
704+80.11	106.38	RT	10
704+80.11	107.39	RT	10
704+80.13	107.97	RT	10
704+80.16	105.62	RT	10
704+82.79	63.61	RT	8
704+90.89	98.77	RT	12
704+94.80	90.48	RT	6
704+95.06	90.41	RT	8
704+96.05	90.18	RT	8
704+96.05	90.1	RT	8
704+96.10	90.03	RT	8
705+01.71	99.21	RT	8
705+02.37	97.99	RT	6
705+02.52	100.29	RT	10
705+03.32	99.4	RT	10
705+05.94	68.15	RT	8
705+06.17	76.95	RT	15
705+06.25	67.02	RT	8
705+07.71	115.07	RT	6
705+15.09	63.42	RT	8
705+17.46	121.07	RT	8
705+18.71	112.88	RT	6
705+18.74	112.78	RT	6
705+20.52	78.87	RT	10
705+20.58	76.89	RT	8
705+20.58	78.22	RT	10
705+20.61	76.35	RT	8
705+22.22	110.65	RT	8
705+22.83	108.97	RT	8
705+23.46	85.14	RT	6
705+27.06	79.00	RT	12
705+27.60	82.94	RT	15
705+28.89	82.04	RT	10
705+42.12	101.74	RT	6
705+42.77	89.70	RT	6
705+45.11	87.46	RT	8
705+55.59	81.75	RT	10
705+57.97	99.30	RT	6
705+64.69	70.48	LT	6
705+66.48	54.03	RT	10
705+66.94	56.27	LT	6
705+71.61	56.40	RT	15
705+78.34	77.33	RT	6
705+81.68	57.27	RT	10
705+82.80	57.00	RT	10
705+84.19	64.37	RT	12
705+84.83	63.27	RT	10
706+16.75	66.62	LT	6
706+29.50	17.61	LT	8
706+32.78	25.53	LT	6
706+34.86	78.61	LT	12
706+39.20	73.05	LT	10
706+40.81	14.92	LT	8
706+41.72	74.42	LT	6
706+49.22	73.93	LT	8
706+51.54	5.77	LT	10
706+51.74	74.27	LT	6
706+58.58	65.54	LT	6
706+59.42	72.06	LT	9
706+60.84	12.75	RT	6
706+65.98	0.76	RT	8
706+69.15	3.96	RT	6
706+71.15	9.93	LT	6
706+71.85	73.38	LT	12

TREE REMOVAL (6 TO 15 UNITS DIAMETER) CONTINUED			
LOCATION	(UNIT)		
706+79.06	77.51	LT	10
706+80.30	5.63	LT	6
706+85.32	3.29	RT	6
707+00.82	53.55	LT	6
707+03.25	6.95	RT	10
707+07.41	26.06	RT	8
707+16.10	12.40	RT	10
707+18.34	14.13	LT	6
707+20.34	37.20	RT	6
707+20.81	67.32	LT	8
707+21.95	66.16	LT	8
707+23.19	69.92	LT	10
707+25.98	60.82	LT	8
707+26.70	7.59	RT	6
707+26.80	66.98	LT	6
707+27.26	6.05	LT	8
707+28.79	15.03	RT	6
707+29.68	28.05	RT	6
707+31.87	63.14	LT	8
707+32.70	62.56	LT	8
707+35.27	43.43	RT	6
707+36.39	39.21	RT	6
707+48.07	40.77	RT	8
707+59.89	74.27	LT	8
707+85.76	78.69	LT	6
707+62.68	49.39	RT	6
707+69.80	46.34	RT	6
707+71.54	54.95	RT	12
707+78.41	45.63	RT	6
707+81.45	69.73	RT	10
707+82.18	69.79	RT	12
707+91.06	66.77	RT	12
707+91.25	52.16	RT	6
707+95.64	65.15	RT	6
707+96.20	68.37	RT	6
708+01.09	53.89	RT	8
708+02.33	72.67	RT	10
708+03.72	78.44	RT	8
708+04.98	78.07	RT	6
708+09.36	79.00	RT	8
708+14.78	57.88	RT	8
708+19.55	85.69	RT	8
708+19.97	79.27	LT	6
708+20.47	86.21	RT	6
708+26.60	57.91	RT	6
708+30.41	61.52	RT	6
708+36.14	77.77	RT	15
708+42.69	65.05	RT	8
708+46.81	70.39	RT	6
708+47.62	83.57	RT	10
708+52.10	71.60	RT	8
708+56.98	104.76	RT	15
708+58.89	105.52	RT	6
708+60.68	91.83	RT	6
708+61.64	91.02	RT	8
708+62.00	93.09	RT	6
708+63.33	98.12	RT	8
708+64.58	96.94	RT	10
708+68.19	92.47	RT	6
708+65.27	74.70	RT	6
708+80.33	110.79	RT	6
708+82.30	99.10	RT	8
708+87.92	103.75	RT	6
708+88.66	106.96	RT	10
708+88.69	107.86	RT	8
708+89.01	105.79	RT	12
708+90.86	81.37	RT	8
708+92.15	85.98	RT	6
708+94.23	84.16	RT	12
708+94.98	109.47	RT	8
708+97.39	84.58	RT	10
708+97.99	89.01	RT	8
709+03.51	122.04	RT	12
709+04.74	100.68	RT	6
709+06.38	118.89	RT	6
709+12.34	117.13	RT	8
709+18.00	105.43	RT	6
709+21.74	107.08	RT	10
709+21.89	107.64	RT	10
709+21.95	117.94	RT	6
709+23.40	120.13	RT	8
709+24.28	116.94	RT	6
709+24.52	117.74	RT	6
709+25.37	116.90	RT	6

TREE REMOVAL (6 TO 15 UNITS DIAMETER) CONTINUED			
LOCATION	(UNIT)		
709+25.42	118.37	RT	6
709+25.42	119.97	RT	8
709+29.13	130.99	RT	6
709+29.22	130.54	RT	6
709+34.72	126.20	RT	8
709+35.44	130.91	RT	8
709+35.64	123.73	RT	8
709+37.70	125.07	RT	6
709+41.07	128.97	RT	10
709+41.42	125.91	RT	10
709+42.87	126.44	RT	6
709+43.50	127.18	RT	12
709+44.58	141.52	RT	8
709+53.74	134.37	RT	6
709+54.31	132.24	RT	6
709+54.68	135.06	RT	6
709+54.81	135.72	RT	15
709+54.93	132.85	RT	8
709+67.26	141.56	RT	12
709+68.14	140.24	RT	6
709+68.45	139.90	RT	6
709+68.92	139.55	RT	6
TOTAL		2,265	

TREE REMOVAL (OVER 15 UNITS DIA.)			
LOCATION	(UNIT)		
699+15.52	83.78	LT	18
700+26.36	77.60	RT	18
700+83.28	96.83	LT	16
703+09.23	74.57	RT	18
703+09.63	75.41	RT	18
703+31.35	106.87	RT	30
703+33.73	92.67	RT	24
703+47.26	66.37	RT	20
703+49.40	107.01	RT	30
703+89.61	114.27	RT	30
704+55.90	93.72	RT	18

EARTHWORK						
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE, 25%	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS
IL ROUTE 15		CU YD	CU YD	CU YD	CU YD	CU YD
PRE-STAGE 1*						
671+00	675+00	58	44	-101	-58	160
675+00	680+00	23	17	-560	-543	652
680+00	685+00	43	32	-356	-324	512
685+00	686+00	45	34	-33	1	
727+00	730+00	108	81	-81		99
730+00	735+00	6	5	-69	-65	1,289
735+00	740+00					1,314
740+00	742+00	41	31	-88	-57	182
PRE-STAGE 1 SUBTOTAL		324	243	-1,288	-1,045	4,208
STAGE 1						
698+00	705+00	241	181	-2,070	-1,889	
705+00	710+00	57	43	-20,532	-20,489	
710+00	715+00	232	174	-7,279	-7,105	
715+00	720+00	160	120	-392	-272	
720+00	723+80	124	93	-177	-84	
STAGE 1 SUBTOTAL		814	611	-30,450	-29,840	
STAGE 2						
699+00	705+00	120	90	-4,318	-4,228	
705+00	710+00	517	388	-19,915	-19,527	
710+00	715+00	88	66	-3,880	-3,814	
715+00	720+00	82	62	-439	-378	
720+00	723+80	70	53	-393	-341	
STAGE 2 SUBTOTAL		877	658	-28,945	-28,287	
STAGE 3						
671+00	675+00	56	42	-145	-103	
675+00	680+00	188	141	-288	-147	
680+00	685+00	147	110	-269	-159	
685+00	686+00					
727+00	730+00	81	61	-61		
730+00	735+00	366	275		275	
735+00	740+00	284	213		213	
740+00	742+00	108	81		81	
STAGE 3 SUBTOTAL		1,230	923	-763	160	
NON-SPECIAL WASTE REMOVAL		400				
IL ROUTE 15 SUBTOTAL		3,645	2,434	-61,446	-59,012	4,208
IL ROUTE 13						
8+00	13+00	138	104	-105	-2	
IL ROUTE 13 SUBTOTAL		138	104	-105	-2	
TOTAL		3,783	2,537	-61,551	-59,014	4,208

EARTH EXCAVATION	3,785	CU YD
SHORTAGE	59,010	CU YD
BORROW EXCAVATION	78,680	CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	4,208	CU YD

SHRINKAGE FACTOR (SF) = 25%; BORROW EXCAVATION = (EARTHWORK SHORTAGE)/(1-SF) ASSUMED THAT 1' OF UNSUITABLE MATERIAL WILL BE REMOVED AND DISPOSED IN PRE-STAGE 1 UNDER TEMPORARY PAVEMENT.

* FILL FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS FOR EAST CROSSOVER WILL BE PAID AS SUBBASE GRANULAR MATERIAL, TYPE B

STABILIZED SUBBASE 6"				
LOCATION		AREA (SQ. FT.)	AREA (SQ. YD.)	
WB IL ROUTE 15				
699+00.00	TO 703+61.17	11,811	1312	
707+70.93	TO 709+15.77	3,775	419	
711+03.36	TO 713+40.00	6,390	710	
EB IL ROUTE 15				
700+00.00	TO 704+93.31	13,006	1445	
709+03.06	TO 709+64.60	1,582	176	
711+54.21	TO 715+25.00	9,368	1041	
TOTAL		5,103		

AGGREGATE BASE COURSE, TYPE A						
LOCATION		WIDTH OF SHOULDER (FOOT)	SURFACE AREA (SQ FT)	AVERAGE DEPTH OF BASE COURSE (FOOT)	QTY (CU YD)	QTY (TON)
WB IL ROUTE 15						
689+60.00	TO 699+00.00	LT 3	2,820	0.25	26	54
699+00.00	TO 702+54.26	LT 13	4,605	0.30	52	106
699+00.00	TO 702+54.26	RT 9	3,188	0.25	30	62
702+54.26	TO 703+47.32	LT 13	1,210	0.30	14	28
702+54.26	TO 703+61.17	RT 9	962	0.25	9	19
707+57.07	TO 709+02.64	LT 13	1,892	0.42	29	60
707+70.93	TO 709+15.77	RT 9	1,304	0.25	12	25
710+88.84	TO 711+95.53	LT 13	1,387	0.42	21	44
711+03.36	TO 711+95.53	RT 9	830	0.41	13	26
711+95.53	TO 713+40.00	LT 13	1,878	0.42	29	59
711+95.53	TO 713+40.00	RT 6	867	0.41	13	27
713+40.00	TO 718+72.19	LT 13	6,918	0.42	107	219
713+40.00	TO 718+70.82	RT 6	3,185	0.42	49	101
718+70.82	TO 723+69.93	RT 6	2,995	0.42	46	95
EB IL ROUTE 15						
691+70.00	TO 700+00.00	RT 3	2,490	0.25	23	47
697+43.62	TO 700+00.00	LT 3	769	0.25	7	15
700+00.00	TO 704+00.23	LT 9	3,602	0.30	41	83
700+00.00	TO 704+00.23	RT 13	5,203	0.25	49	100
704+00.23	TO 704+93.31	LT 9	838	0.30	9	19
704+00.23	TO 705+07.16	RT 13	1,390	0.25	13	27
709+03.06	TO 709+64.60	LT 9	554	0.42	9	18
709+16.91	TO 709+77.81	RT 13	792	0.41	12	25
711+54.21	TO 712+62.22	LT 9	972	0.42	15	31
711+69.14	TO 712+62.22	RT 13	1,210	0.41	18	38
712+62.22	TO 715+25.00	LT 6	1,577	0.42	24	50
712+62.22	TO 715+25.00	RT 13	3,416	0.41	52	106
715+25.00	TO 718+70.82	LT 6	2,075	0.42	32	66
715+25.00	TO 718+70.82	RT 9	3,112	0.42	48	98
718+70.82	TO 723+69.93	LT 9	4,492	0.42	69	142
718+70.82	TO 723+69.93	RT 13	6,488	0.42	100	205
IL ROUTE 15 EXIT RAMP						
18+00.00	TO 18+69.17	RT 6	415	0.42	6	13
18+00.00	TO 21+98.42	LT 6	2,391	0.42	37	76
TOTAL					2,082	

TONS = 2.05*(CU. YD. OF AGGREGATE BASE COURSE)

BITUMINOUS SCHEDULE											
LOCATION	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90			POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50			BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)		
	AREA (SQ. FT.)	DEPTH (IN)	QTY (TON)	AREA (SQ. FT.)	DEPTH (IN)	QTY (TON)	RATE (GAL/SQ YD)	QTY (GAL)	RATE (LBS/SQ YD)	QTY (TON)	
WB IL ROUTE 15											
699+00.00	TO 702+54.26	8,502	1.5	79	8,502	1.5	79	0.05	47.2	3	1.4
711+95.53	TO 713+40.00	3,498	1.5	33	3,498	1.5	33	0.05	19.4	3	0.6
EB IL ROUTE 15											
700+00.00	TO 704+00.23	9,606	1.5	90	9,606	1.5	90	0.05	53.4	3	1.6
712+62.23	TO 715+25.00	6,248	1.5	58	6,248	1.5	58	0.05	34.7	3	1.0
WB IL ROUTE 15 / RESURFACING											
713+40.00	TO 723+69.90	32,230	1.5	301				0.05	179.1	3	5.4
EB IL ROUTE 15 / RESURFACING											
715+25.00	TO 723+80.50	20,219	1.5	189				0.05	112.3	3	3.4
TOTALS				749			260		446		13.4

NOTE: AGGREGATE (PRIME COAT) IS ASSUMED TO BE 3 LBS/SQ YD SURFACE COURSE AND BINDER COURSE ASSUMED TO BE 112 LBS/SOYD/INCH

POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50						
WB IL ROUTE 15	DISTANCE BETWEEN STA	AVG DEPTH OF LEVELING BINDER (INCH)	WIDTH OF RESURFACING AREA (FOOT)	AVERAGE WIDTH (FOOT)	SURFACE AREA (SQ. YD.)	TONS
713+40		1.88	4.23			
714+00	60	1.49	9.86	7.05	47	4.4
714+50	50	1.13	10.11	9.99	55	4.1
715+00	50	1.13	9.48	9.80	54	3.4
715+50	50	1.13	9.62	9.55	53	3.3
716+00	50	1.91	4.34	6.98	39	3.3
716+50	50	1.85	3.81	4.08	23	2.4
717+00	50	1.91	3.14	3.48	19	2.0
717+50	50	2.03	2.42	2.78	15	1.7
718+00	50	1.85	3.47	2.95	16	1.8
718+50	50	1.91	3.70	3.59	20	2.1
719+00	50	1.79	5.53	4.62	26	2.6
719+50	50	1.85	3.90	4.72	26	2.7
720+00	50	1.91	3.80	3.85	21	2.2
720+50	50	1.91	3.20	3.50	19	2.1
721+00	50	1.37	5.72	4.46	25	2.3
721+50	50	1.85	3.79	4.76	26	2.4
722+00	50	1.97	2.53	3.16	18	1.9
722+50	50	1.55	5.20	3.87	21	2.1
723+00	50	2.15	1.23	3.22	18	1.8
723+50	50	1.13	22.31	11.77	65	6.0
EB IL ROUTE 15						
715+50		1.13	9.32			
716+00	50	2.15	2.12	5.72	32	2.9
716+50	50	1.97	3.36	2.74	15	1.8
717+00	50	1.67	9.02	6.19	34	3.5
717+50	50	1.61	13.11	11.07	61	5.6
718+00	50	1.13	14.70	13.90	77	5.9
718+50	50	1.13	12.71	13.70	76	4.8
719+00	50	1.31	14.44	13.58	75	5.1
719+50	50	1.55	12.80	13.62	76	6.0
720+00	50	1.13	13.87	13.34	74	5.5
720+50	50	1.37	13.42	13.65	76	5.3
721+00	50	1.37	12.29	12.85	71	5.5
721+50	50	1.49	10.53	11.41	63	5.1
722+00	50	1.73	6.51	8.52	47	4.3
722+50	50	1.73	8.01	7.26	40	3.9
723+00	50	1.73	7.80	7.91	44	4.2
723+80	80	0.00	0.00	3.90	35	1.7
TOTAL					126	

QUANTITY OF LEVELING BINDER IS CALCULATED AS FOLLOWS: (AVERAGE DEPTH OF LEVELING BINDER) x (SURFACE AREA) x (112 LBS/SQ YD/IN) / 2000

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90						
WB IL ROUTE 15	DISTANCE BETWEEN STA	AVG DEPTH OF BINDER COURSE (INCH)	WIDTH OF RESURFACING AREA (FOOT)	AVERAGE WIDTH (FOOT)	SURFACE AREA (SQ. YD.)	TONS
713+40		4.49	19.77			
714+00	60	4.07	14.14	16.96	113	27.1
714+50	50	3.43	8.39	11.27	63	13.1
715+00	50	3.62	8.22	8.31	46	9.1
715+50	50	4.37	14.38	11.30	63	14.0
716+00	50	5.27	19.66	17.02	95	25.5
716+50	50	5.51	20.19	19.93	111	33.4
717+00	50	5.09	20.86	20.53	114	33.8
717+50	50	5.21	21.58	21.22	118	34.0
718+00	50	5.15	20.53	21.06	117	33.9
718+50	50	3.97	37.05	28.79	160	40.8
719+00	50	9.09	47.37	42.21	235	85.7
719+50	50	9.94	38.5	42.94	239	127.1
720+00	50	10.84	33.4	35.95	200	116.2
720+50	50	9.95	33.3	33.35	185	107.9
721+00	50	8.03	30.78	32.04	178	89.6
721+50	50	6.83	32.71	31.75	176	73.3
722+00	50	7.25	33.97	33.34	185	73.0
722+50	50	6.30	31.30	32.64	181	68.8
723+00	50	5.40	30.76	31.03	172	56.5
723+50	50	2.63	2.19	16.48	92	20.6
EB IL ROUTE 15						
715+50		4.91	14.68			
716+00	50	5.51	21.88	18.28	102	29.6
716+50	50	5.03	20.64	21.26	118	34.8
717+00	50	4.55	14.98	17.81	99	26.5
717+50	50	4.13	10.89	12.94	72	17.4
718+00	50	3.89	9.304	10.10	56	12.6
718+50	50	3.35	7.59	8.45	47	9.5
719+00	50	3.65	9.56	8.58	48	9.3
719+50	50	3.89	11.20	10.38	58	12.2
720+00	50	3.65	10.13	10.67	59	12.5
720+50	50	3.77	10.58	10.36	58	11.9
721+00	50	4.07	11.72	11.15	62	13.6
721+50	50	4.31	13.47	12.59	70	16.4
722+00	50	4.73	17.49	15.48	86	21.7
722+50	50	4.67	15.99	16.74	93	24.5
723+00	50	4.31	16.20	16.10	89	22.5
723+80	80	4.57	24.00	20.10	179	44.4
TOTAL						1403

QUANTITY OF BINDER COURSE IS CALCULATED AS FOLLOWS: (AVERAGE DEPTH OF BINDER COURSE) x (SURFACE AREA) x (112 LBS/SQ YD/IN) / 2000. 2 1/4" DEPTH MIN.

PORTLAND CEMENT CONCRETE PAVEMENT, 10"			
LOCATION	AREA (SQ. FT.)	AREA (SQ. YD.)	
WB IL ROUTE 15			
699+00.00 TO 702+54.26	8,502	944.7	
711+95.53 TO 713+40.00	3,498	388.7	
EB IL ROUTE 15			
700+00.00 TO 704+00.23	9,606	1067.3	
712+62.23 TO 715+25.00	6,248	694.2	
TOTAL			3,095

PROTECTIVE COAT		
SURFACE TYPE	(SQ YD)	
PCC PAVEMENT 10"	3,095	
BRIDGE APPROACH PAVEMENT CONNECTOR	1,616	
P. C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT	1,516	
CONCRETE GUTTER, TYPE B	280	
CONCRETE SHOULDER CURB	43	
TOTAL		6,549

BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)			
LOCATION	AREA (SQ. FT.)	AREA (SQ. YD.)	
WB IL ROUTE 15			
702+54.26 TO 703+61.17	2,400	266.7	
707+70.93 TO 709+15.77	3,485	387.2	
711+03.36 TO 711+95.53	2,400	266.7	
EB IL ROUTE 15			
704+00.23 TO 704+93.31	2,400	266.7	
709+03.06 TO 709+64.60	1,459	162.1	
711+54.21 TO 712+62.23	2,400	266.7	
TOTAL			1616

P. C. CONCRETE APPROACH SHOULDER PAVEMENT			
LOCATION	AREA (SQ. FT.)	AREA (SQ. YD.)	
WB IL ROUTE 15			
702+54.26 TO 703+47.32 LT	1,195	132.8	
702+54.26 TO 703+61.17 RT	997	110.8	
707+70.93 TO 709+15.77 RT	1,411	156.8	
707+57.07 TO 709+02.64 LT	1,956	217.3	
710+88.84 TO 711+95.53 LT	1,498	166.4	
711+03.36 TO 711+95.53 RT	870	96.7	
EB IL ROUTE 15			
704+00.23 TO 704+93.31 LT	848	94.2	
704+00.23 TO 705+07.16 RT	1,468	163.1	
709+03.06 TO 709+64.60 LT	624	69.3	
709+16.91 TO 709+77.81 RT	883	98.1	
711+54.21 TO 712+62.23 LT	655	72.8	
711+69.14 TO 712+62.23 RT	1,243	138.1	
TOTAL			1516

PAVEMENT REMOVAL		
LOCATION	AREA (SQ YD)	
STA. 699+00 TO STA. 703+27 WB	1,073	
STA. 700+00 TO STA. 704+57 EB	1,162	
STA. 711+05 TO STA. 713+40 WB	612	
STA. 711+82 TO STA. 715+25 EB	884	
TOTAL		3,731

HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"		
LOCATION	AREA (SQ YD)	
STA. 713+40 TO STA. 723+69.90 WB	2,809	
STA. 18+00 TO STA. 21+98.42 RAMP	772	
STA. 715+25 TO STA. 723+80.50 EB	2,247	
TOTAL		5,828

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
LOCATION	AREA (SQ YD)	
STA. 698+90 TO STA. 699+00 WB	27	
STA. 699+90 TO STA. 700+00 EB	27	
STA. 17+70 TO STA. 18+00 RAMP	53	
TOTAL		107

PAVED SHOULDER REMOVAL			
LOCATION		AREA (SQ YD)	
STA. 674+74.7 TO STA. 686+15 WB RT		685	
STA. 674+74.7 TO STA. 686+15 EB LT		685	
STA. 699+00 TO STA. 702+83.6 WB LT		345	
STA. 699+00 TO STA. 703+24.8 WB RT		187	
STA. 700+00 TO STA. 704+16.8 EB LT		188	
STA. 700+00 TO STA. 704+56 EB RT		445	
STA. 711+05 TO STA. 713+40 WB LT		180	
STA. 711+24.4 TO STA. 713+40 WB RT		90	
STA. 711+81.9 TO STA. 715+25 EB LT		209	
STA. 712+02.4 TO STA. 715+25 EB RT		206	
STA. 727+00 TO STA. 742+40 WB RT		684	
STA. 727+00 TO STA. 742+40 EB LT		684	
SUBTOTAL		4,588	
RESURFACING			
STA. 713+40 TO STA. 719+60 WB LT		591	
STA. 713+40 TO STA. 723+69.9 WB RT		669	
STA. 715+25 TO 723+80.5 EB LT		563	
STA. 715+25 TO 723+80.5 EB RT		919	
STA. 718+13.9 TO STA. 723+69.9 WB LT / RAMP		381	
SUBTOTAL		3,123	
TOTAL			7,711

AGGREGATE SHOULDERS, TYPE A 6"			
LOCATION	AREA (SQ. FT.)	AREA (SQ. YD.)	
IL ROUTE 15 EXIT RAMP			
18+00.00 TO 21+98.42 LT	1,140	127	
TOTAL			127

HOT-MIX ASPHALT SHOULDERS, 8"				
LOCATION	AREA (SQ. FT.)	AREA (SQ. YD.)		
WB IL ROUTE 15				
670+74.70 TO 686+15.00 RT	6,161	685		
689+60.00 TO 699+00.00 LT	2,820	313		
699+00.00 TO 702+54.26 LT	4,605	512		
699+00.00 TO 702+54.26 RT	2,551	283		
711+95.53 TO 713+40.00 RT	1,303	145		
711+95.53 TO 713+40.00 LT	1,908	212		
727+00.00 TO 742+40.00 RT	6,160	684		
EB IL ROUTE 15				
670+74.70 TO 686+15.00 LT	6,161	685		
691+70.00 TO 700+00.00 RT	2,490	277		
700+00.00 TO 704+00.23 RT	5,203	578		
697+81.12 TO 704+00.23 LT	4,877	542		
712+62.22 TO 715+25.00 LT	1,570	174		
712+62.22 TO 715+25.00 RT	3,361	373		
727+00.00 TO 742+40.00 LT	6,160	684		
SUBTOTAL		6,148		
RESURFACING WB IL ROUTE 15				
713+40.00 TO 723+69.93 RT	6,754	750		
713+40.00 TO 718+72.19 LT	4,956	551		
RESURFACING WB IL ROUTE 15				
715+25.00 TO 723+80.50 LT	6,506	723		
715+25.00 TO 723+80.50 RT	10,954	1,217		
IL ROUTE 15 EXIT RAMP				
18+00.00 TO 21+98.17 RT	409	45		
18+00.00 TO 21+98.42 LT	3,170	352		
SUBTOTAL		3,639		
TOTAL			9,787	

FILE NAME = D876884-sht-schedule.dgn	USER NAME = thompsrd	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -
	PLOT SCALE = 20.000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 5 SHEETS STA. ----- TO STA. -----

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	10
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

CONCRETE GUTTER, TYPE B				
LOCATION				LENGTH (FOOT)
MSE RETAINING WALL W311				
702+52.10	TO	706+02.70	LT	395
MSE RETAINING WALL W312				
9+28.00	TO	11+71.70	LT	269
MSE RETAINING WALL W313				
7+88.00	TO	10+35.90	RT	260
MSE RETAINING WALL A				
707+00.00	TO	707+65.00	RT	65
MSE RETAINING WALL B				
708+78.10	TO	709+05.40	RT	30
TOTAL				1,019

STATIONS AND OFFSETS ARE GIVEN AT THE FACE OF THE MSE RETAINING WALL.

CONCRETE SHOULDER CURB				
LOCATION				LENGTH (FOOT)
WB IL ROUTE 15				
703+30.00	TO	703+56.54	LT	26.5
703+50.00	TO	703+79.64	RT	29.6
707+36.30	TO	707+65.00	LT	28.7
707+59.40	TO	707+88.00	RT	28.6
710+79.90	TO	711+12.00	RT	32.1
EB IL ROUTE 15				
704+77.00	TO	705+04.84	LT	27.8
704+97.00	TO	705+27.93	RT	30.9
709+07.69	TO	709+34.00	RT	26.3
711+47.71	TO	712+23.00	RT	75.3
TOTAL				306

STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS				
LOCATION				LENGTH (FOOT)
IL ROUTE 15				
EASTBOUND				
698+24.23	TO	704+61.70	LT.	637.5
691+81.00	TO	704+84.78	RT.	1312.5
708+99.06	TO	709+46.02	LT.	50
709+22.36	TO	709+69.83	RT.	50
711+60.78	TO	723+80.50	RT.	1187.5
718+74.68	TO	723+51.55	LT.	475
WESTBOUND				
690+03.00	TO	703+41.87	LT.	1350
701+27.47	TO	703+64.97	RT.	237.5
707+79.19	TO	709+10.25	LT.	137.5
708+02.51	TO	709+33.94	RT.	137.5
710+95.62	TO	718+09.84	LT.	725
711+21.50	TO	714+70.14	RT.	350
TOTAL				6,650.0

TRAFFIC BARRIER TERMINAL, TYPE 2		
LOCATION		QTY (EACH)
IL ROUTE 15		
EASTBOUND		
711+35.15	LT.	1
WESTBOUND		
701+27.47	RT.	1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 5		
LOCATION		QTY (EACH)
IL ROUTE 15		
EASTBOUND		
708+99.26	LT.	1
709+22.36	RT.	1
711+35.15	LT.	1
711+60.78	RT.	1
WESTBOUND		
703+41.87	LT.	1
703+64.97	RT.	1
709+10.25	LT.	1
709+33.94	RT.	1
TOTAL		8

TRAFFIC BARRIER TERMINAL, TYPE 5A		
LOCATION		QTY (EACH)
IL ROUTE 15		
EASTBOUND		
691+81.00	RT.	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 6		
LOCATION		QTY (EACH)
IL ROUTE 15		
EASTBOUND		
704+61.69	LT.	1
704+84.78	RT.	1
709+46.02	LT.	1
709+69.83	RT.	1
WESTBOUND		
707+79.19	LT.	1
708+02.51	RT.	1
710+95.62	LT.	1
711+21.50	RT.	1
TOTAL		8

TRAFFIC BARRIER TERMINAL, TYPE 6A		
LOCATION		QTY (EACH)
IL ROUTE 15		
WESTBOUND		
690+03.00	LT.	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 6B		
LOCATION		QTY (EACH)
IL ROUTE 15		
EASTBOUND		
723+51.55	LT.	1
723+58.90	RT.	1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL TANGENT TERMINAL MARKER - DIRECT APPLIED			
LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT) (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)	
IL ROUTE 15			
EASTBOUND			
698+24.23	LT.	1	1
718+74.68	LT.	1	1
WESTBOUND			
714+70.14	RT.	1	1
718+10.00	LT.	1	1
TOTALS		3	4

GUARDRAIL REMOVAL		
LOCATION		LENGTH (FOOT)
IL RTE 15		
STA. 689+60 TO STA. 702+77	LT WB	1317
STA. 691+70 TO STA. 704+64	RT EB	1294
STA. 701+94 TO STA. 704+08	LT EB	282.5
STA. 703+07 TO STA. 703+31	RT WB	24
STA. 711+03 TO STA. 718+19	LT WB	727
STA. 711+ 28 TO STA. 714+39	RT WB	312
STA. 711+80 TO STA. 712+06	LT EB	27
STA. 712+07 TO STA. 716+51	RT EB	438
STA. 721+16 TO STA. 723+95	RT EB	176
STA. 722+24 TO STA. 724+03	LT EB	278
IL RTE 13		
STA. 9+84 TO STA. 11+10		127
TOTAL		5,003 FOOT

GUARDRAIL REMOVAL INCLUDES TERMINALS REMOVAL.

RELOCATE SIGN PANEL ASSEMBLY - TYPE A		
LOCATION		(EACH)
STA. 704+72	61' LT	1
STA. 704+88	3' RT	1
STA. 716+83	57' RT	1
STA. 716+85	56' LT	1
TOTAL		4

RELOCATE SIGN PANEL ASSEMBLY - TYPE B		
LOCATION		(EACH)
STA. 700+00	75' LT	1
STA. 718+21	59' LT	1
STA. 722+52	81' LT	1
TOTAL		3

FURNISHING AND ERECTING RIGHT OF WAY MARKERS			
LOCATION			EACH
704+48.49	99.68' LT		1
706+50.00	124.11' LT		1
708+36.58	123.58' LT		1
708+54.46	136.68' LT		1
TOTAL			4

NOTE FOR GENERAL COMMENTS:

THE RIGHT OF WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER, WHICH IS THE PROPERTY PIN.

THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5/8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER AT THE TWELVE INCHES (12") OFFSET.

RIGHT OF WAY AND PROPERTY CORNERS			
LOCATION			EACH
704+48.49	99.68' LT		1
706+50.00	124.11' LT		1
TOTAL			2

FILE NAME = D876884.sht-schedule.dgn	USER NAME = thompsrd	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -
	PLOT SCALE = 20.000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 5 SHEETS STA. ----- TO STA. -----

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	11
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AND PAVEMENT MARKERS													
LOCATION		INLAID					GROOVED			PAVEMENT MARKERS			
		4" SOLID YELLOW	4" SKIP-DASH WHITE	4" SOLID WHITE	8" SOLID WHITE	8" SKIP-DASH WHITE	4" SOLID YELLOW	4" SKIP-DASH WHITE	4" SOLID WHITE	ONEWAY RAISED REFLECTIVE PAVEMENT MARKERS, CRYSTAL	ONEWAY RAISED REFLECTIVE PAVEMENT MARKERS, CRYSTAL (BRIDGE)		
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH			
IL ROUTE 15													
657+54.70	TO	687+88.92	EB	3008.5	758.6	3059.0				76			
668+50.00	TO	686+51.78	WB	1827.5	450.5	1776.0				44			
686+51.78	TO	689+93.06	WB				341.5	85.3	341.5		8		
687+88.92	TO	691+29.80	EB				341.5	85.3	341.5		8		
691+29.80	TO	704+00.23	EB	1296.0	317.6	1244.0				32			
689+93.06	TO	702+54.26	WB	1235.0	315.3	1286.5				32			
702+54.26	TO	711+95.53	WB				942.5	235.3	943.5		24		
704+00.23	TO	712+62.22	EB				860.0	215.5	857.5		24		
711+95.53	TO	723+70.20	WB	1242.1	293.9	1257.0				193.0			
712+62.22	TO	723+80.50	EB	1118.3	279.6	1118.3				126.3			
723+70.20	TO	724+64.60	WB				94.5	23.7	94.5		4		
723+80.50	TO	724+76.80	EB				96.5	24.1	96.5		4		
724+64.60	TO	755+60.38	WB	3096.0	774.0	3096.0					76		
724+76.80	TO	744+60.00	EB	1995.4	495.8	1995.4					50		
SUBTOTAL				14818.8	3685.2	14832.2	193.0	126.3	2676.5	669.1	2675.0	370	72
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE, 4"						33,336.5							
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE, 8"						319.5							
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE, 4"						6,020.5							
GROOVING FOR RECESSED PAVEMENT MARKING 5"						6,020.5							
RAISED REFLECTIVE PAVEMENT MARKERS						370							
RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE)						72							
RAISED REFLECTIVE PAVEMENT MARKERS ARE SPACED AT 2 EACH FOR EVERY 80' ALONG LANE LINES.													

MARKERS AND DELINEATORS						
LOCATION		GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKER, TYPE C	DELINEATORS		
				EACH	EACH	
IL ROUTE 15						
EASTBOUND						
698+24.23	TO	705+05.00	LT.	5		
691+81.00	TO	705+28.00	RT.	7		
705+05.00	TO	708+85.00	LT.		4	
705+28.00	TO	709+08.00	RT.		4	
708+99.06	TO	709+46.02	LT.	1		
709+22.36	TO	710+14.00	RT.	1		
709+90.00	TO	711+21.00	LT.		2	
710+14.00	TO	711+46.00	RT.		2	
711+60.78	TO	724+02.60	RT.	9		
711+21.00	TO	718+25.00	LT.		4	
718+74.68	TO	723+51.55	LT.	5		
WESTBOUND						
690+03.00	TO	703+57.00	LT.	7		
699+00.00	TO	701+15.00	RT.		1	
701+15.00	TO	703+80.00	RT.	4		
703+57.00	TO	707+36.00	LT.		4	
703+80.00	TO	707+59.00	RT.		4	
707+36.00	TO	709+25.00	LT.	1		
707+57.00	TO	709+49.00	RT.	1		
709+25.00	TO	710+53.00	LT.		2	
709+49.00	TO	710+79.00	RT.		2	
710+53.00	TO	718+09.84	LT.	7		
710+79.00	TO	714+70.14	RT.	4		
715+20.00	TO	723+69.93	RT.		5	
RAMP						
18+00.00	TO	21+98.42	LT.		6	
SUBTOTAL				52	24	16
GUARDRAIL MARKERS, TYPE A				52		
BARRIER WALL MARKER, TYPE C				24		
DELINEATORS				16		
DELINEATORS SPACED AT 175 FT INTERVALS ON IL 15 CURVE AND AT 175 FT TO 70 FT INTERVALS ON RAMP. GUARDRAIL MARKERS AND BARRIER WALL MARKERS ARE SPACED AT 80 FT FOR THE FIRST 400 FT, SPACED AT 175 FT INTERVALS ON IL 15 CURVE AND AT 400 FT INTERVALS ON TANGENT SECTION.						

PAVEMENT MARKING REMOVAL						
LOCATION		4" SKIP DASH WHITE (SQ FT)	4" SOLID YELLOW (SQ FT)	4" SOLID WHITE (SQ FT)	8" SOLID WHITE (SQ FT)	8" SKIP DASH WHITE (SQ FT)
657+55.00	TO 700+00.00	EB	354	1415	1415	
673+50.00	TO 755+60.00	WB	684	2737	2737	130
723+81.00	TO 744+60.00	EB	173	693	693	
SUBTOTAL			1211	4845	4845	130
TOTAL			11,052			

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL			
LOCATION		EACH*	
657+55.00	TO 700+00.00	EB	53
673+50.00	TO 755+60.00	WB	103
723+81.00	TO 744+60.00	EB	26
TOTAL			182
*IT IS ASSUMED TO BE ONE PAVEMENT MARKER EVERY 80' OF PAVEMENT MARKING.			

CHANGEABLE MESSAGE SIGN	
LOCATION	CHANGEABLE MESSAGE SIGN (MONTH)
IL ROUTE 15	
EASTBOUND	24
WESTBOUND	24
TOTAL	48

FILE NAME = D876884-sht-schedule.dgn	USER NAME = thompersd	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -
	PLOT SCALE = 20.000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 5 SHEETS STA. ----- TO STA. -----

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	12
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE				
LOCATION		MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING (3 APPLICATIONS) (POUND)	
STATION	TO	STATION	(ACRE)	(POUND)
STAGE 1 - RECONSTRUCTION SECTION				
670+74.71	L/R	675+42.17	L/R	0.60
681+47.54	L/R	686+15.01	L/R	0.60
697+81.12	L/R	703+99.94	L/R	0.97
699+75.67	R	706+57.01	R	2.45
705+93.17	L	710+69.63	R	2.40
710+37.28	L	715+25.00	R	1.23
711+08.43	L	713+40.00	L	0.38
STAGE 1 - RESURFACING SECTION				
715+25.00	R	723+79.96	R	0.91
713+40.00	L	723+80.58	L	1.84
727+00.00	L/R	731+67.33	L/R	0.58
737+72.83	L/R	742+40.37	L/R	0.60
STAGE 2 - RECONSTRUCTION SECTION				
699+00.00	L	703+69.67	L	1.32
697+81.12	R	703+99.94	R	0.97
705+40.35	L	710+20.64	R	2.60
710+15.00	L	713+40.00	L	1.13
711+08.43	L	715+25.00	R	0.70
STAGE 2 - RESURFACING SECTION				
713+40.00	L	718+70.82	L	0.83
715+25.00	R	723+80.58	R	1.52
718+15.62	L	723+70.25	L	0.86
STAGE 1 - RECONSTRUCTION TOTAL				
STAGE 1 - RESURFACING TOTAL				
STAGE 2 - RECONSTRUCTION TOTAL				
STAGE 2 - RESURFACING TOTAL				
TOTAL				

TEMPORARY DITCH CHECKS SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS (FOOT)
STATION	OFFSET	TO	STATION	OFFSET
STAGE 1 - RECONSTRUCTION SECTION				
699+50.04	0.1' R	-	703+00.04	0.1' R
703+31.80	80.7' L	-	706+02.59	48.7' R
706+09.30	60.5' R	-	706+16.32	72.0' R
706+18.24	89.7' R	-	706+62.60	90.9' R
706+76.09	4.3' R	-		5
707+53.68	58.0' R	-	708+89.92	120.6' R
709+08.33	101.3' L	-	710+42.08	46.6' R
710+06.46	149.1' R	-		5
710+34.14	31.3' L	-	710+78.95	19.6' R
711+16.16	50.6' R	-	712+49.58	116.8' R
712+60.71	111.1' R	-	712+72.49	118.7' R
712+00.04	0.1' R	-	714+00.00	0.0' R
714+25.04	0.1' R	-	716+00.00	0.0' R
STAGE 1 - RESURFACING SECTION				
716+50.04	0.1' R	-	717+00.00	0.0' R
718+00.04	0.1' R	-	720+00.00	0.0' R
722+00.04	0.1' R	-	724+00.00	0.0' R
725+00.00	0.0' R	-	727+00.00	0.0' R
741+00.00	0.0' R	-		5
STAGE 1 - RECONSTRUCTION SECTION TOTAL				
STAGE 1 - RESURFACING SECTION TOTAL				
TOTAL				

STABILIZED CONSTRUCTION ENTRANCE SCHEDULE			
LOCATION	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (SQ YD)	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE (SQ YD)	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL (EACH)
STAGE 1 - ENTIRE PROJECT	250	250	1
STAGE 2 - ENTIRE PROJECT	250	250	1
TOTAL	500	500	2

INLET AND PIPE PROTECTION SCHEDULE		
LOCATION	INLET AND PIPE PROTECTION (EACH)	
STATION	OFFSET	
STAGE 1 - RECONSTRUCTION SECTION		
672+48.2	0.52' L	1
672+53.73	0.14' L	1
683+92.39	0.44' R	1
683+96.78	1.41' R	1
691+97.74	10.37' R	1
704+80.54	16.42' R	1
705+00.24	50.54' R	1
706+67.21	5.05' L	1
707+12.36	10.62' L	1
708+75.9	109.23' L	1
709+30.9	50.54' R	1
709+94.02	35.15' L	1
712+20.01	50.54' R	1
STAGE 1 - RESURFACING SECTION		
728+00.	0.00'	1
740+00.	0.00'	1
742+08.85	0.00'	1
STAGE 2 - RECONSTRUCTION SECTION		
703+32.89	50.54' L	1
703+53.	16.42' L	1
707+63.22	50.54' L	1
707+85.01	16.42' L	1
705+53.29	61.72' L	1
711+09.65	16.42' L	1
STAGE 2 - RESURFACING SECTION		
717+11.19	90.59' L	1
STAGE 1 - RECONSTRUCTION TOTAL		
STAGE 1 - RESURFACING TOTAL		
STAGE 2 - RECONSTRUCTION TOTAL		
STAGE 2 - RESURFACING TOTAL		
TOTAL		

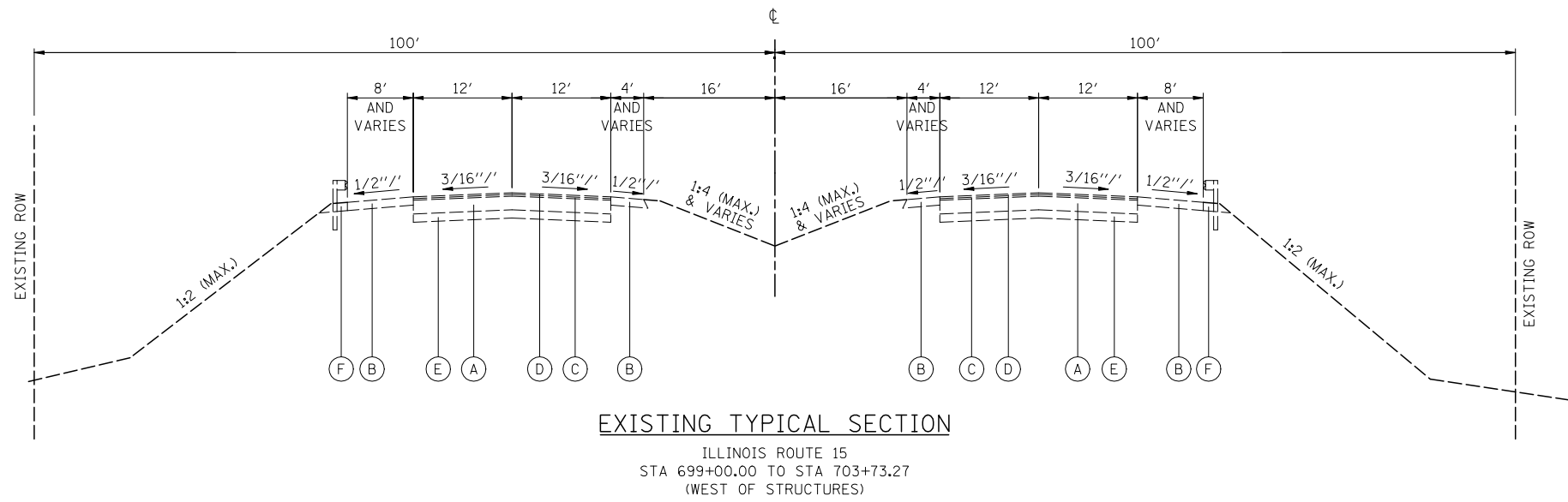
PERIMETER EROSION BARRIER SCHEDULE			
LOCATION	PERIMETER EROSION BARRIER (FOOT)		
STATION	TO	STATION	
STAGE 1 - RECONSTRUCTION SECTION			
689+47.0	L	699+89.9	L
696+99.3	L	705+63.5	L
696+84.1	R	703+01.8	R
700+00.0	R	706+31.5	R
706+75.9	R	709+45.2	R
706+04.6	L	706+63.3	L
709+71.5	R	710+56.0	R
712+71.5	R	715+25.0	R
STAGE 1 - RESURFACING SECTION			
715+25.0	R	723+49.8	R
715+31.9	R	724+23.8	R
STAGE 2 - RECONSTRUCTION SECTION			
699+00.0	L	702+00.0	L
702+96.1	L	703+50.0	L
705+63.5	L	707+19.7	L
705+55.9	L	705+94.2	L
710+58.4	L	713+40.0	L
STAGE 2 - RESURFACING SECTION			
713+40.0	L	718+00.0	L
718+17.0	L	723+50.6	L
STAGE 1 - RECONSTRUCTION SECTION TOTAL			
STAGE 1 - RESURFACING SECTION TOTAL			
STAGE 2 - RECONSTRUCTION SECTION TOTAL			
STAGE 2 - RESURFACING SECTION TOTAL			
TOTAL			

TEMPORARY PAVEMENT SCHEDULE					
LOCATION	SUBBASE GRANULAR MATERIAL TYPE B (CU YD)	TEMPORARY SHOULDERS (SQ YD)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" (SQ YD)	PAVEMENT REMOVAL (SQ YD)	
STATION	TO	STATION			
RECONSTRUCTION SECTION					
670+74.71	-	675+69.71	235.4		
670+74.71	-	686+14.99		4425.7	4425.7
681+20.00	-	686+15.01	235.4		
RESURFACING SECTION					
727+00.00	-	731+94.87	272.1		
727+00.00	-	742+40.38	2951	4425.8	4425.8
737+45.29	-	742+40.38	235.5		
TOTAL					

TRAFFIC CONTROL PROTECTION SCHEDULE						
LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 (L SUM)	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (L SUM)	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 (EACH)	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416 (EACH)	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451 (L SUM)	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456 (L SUM)
ENTIRE PROJECT	1	1	1	1	1	1
TOTAL	1	1	1	1	1	1

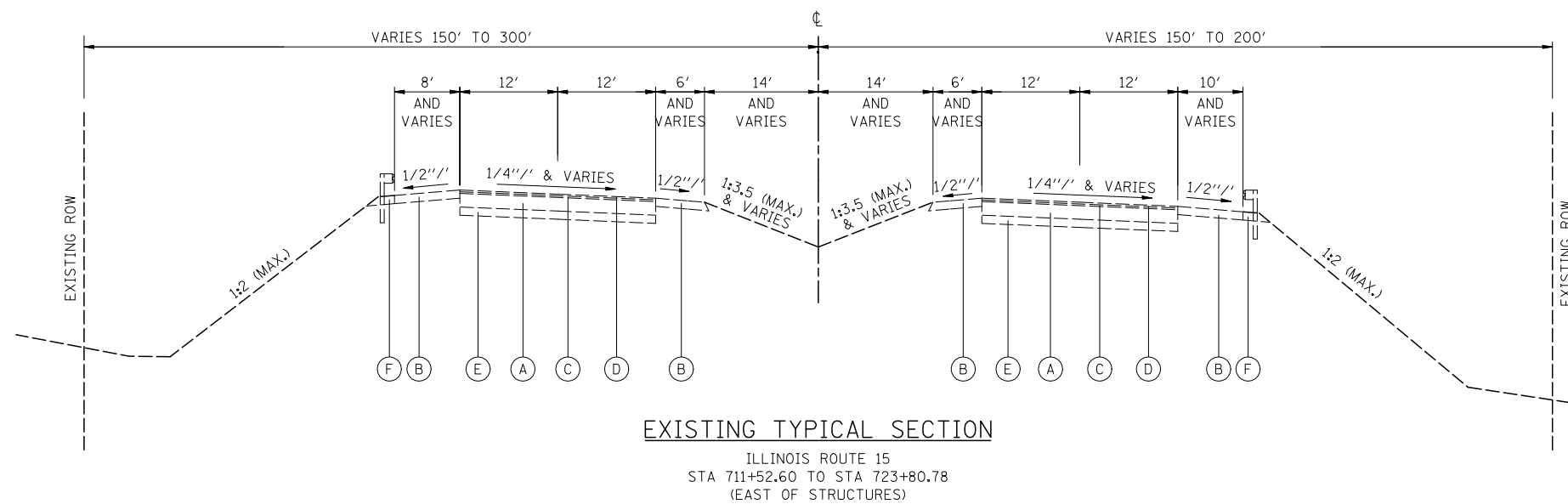
TEMPORARY CONCRETE BARRIER SCHEDULE									
LOCATION				TEMPORARY CONCRETE BARRIER (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 6" (ON TEMPORARY CONCRETE BARRIER) (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS, REDIRECTIVE, NARROW, TEST LEVEL 3 (EACH)	IMPACT ATTENUATORS, REDLOCATE (FULLY REDIRECTIVE), TEST LEVEL 3 (EACH)	
STATION	OFFSET	TO	STATION	OFFSET					
STAGE 1									
673+50.00	20.0'	L	684+78.00	32.0'	L	1137.5	2275		
684+78.00	32.0'	L	709+26.15	32.0'	L	2450	4900		
686+14.99	16.02'	L	686+55.45	16.02'	L	50	100		
709+26.15	32.0'	L	728+37.94	32.0'	L	1937.5	3875		
701+37.01	16.4'	R	703+06.56	16.8'	R	175	350		
721+15.75	18.0'	L	723+69.75	18.0'	L	262.5	525		
728+37.94	32.0'	R	732+97.89	15.3'	R	475	950		
732+97.89	15.3'	R	742+40.37	19.0'	R	950	1900		
685+83.41	13.9'	R	686+14.99	16.0'	R			1	
701+05.40	16.5'	R	701+37.00	16.4'	R			1	
720+84.30	17.7'	R	721+15.75	18.0'	R			1	
STAGE 2									
670+74.70	19.0'	L	684+77.19	32.0'	R			1412.5	
684+77.19	32.0'	R	739+65.84	32.0'	R			5500	
691+24.87	16.3'	R	692+00.00	17.8'	R			87.5	
711+21.99	15.0'	R	712+68.26	15.0'	R			150	
724+70.58	15.0'	R	725+99.87	15.0'	R			137.5	
696+00.00	17.8'	R	692+31.58	17.8'	R				
712+68.26	15.0'	R	713+00.00	16.1'	R				
726+00.00	15.0'	R	726+31.58	16.1'	R				
STAGE 1 TOTAL					7437.5	14875	0	3	0
STAGE 2 TOTAL					0	0	7287.5	0	3
TOTAL					7437.5	14875	7287.5	3	3

TEMPORARY PAVEMENT MARKING SCHEDULE						
LOCATION				TEMPORARY PAVEMENT MARKING - LINE 4"		
STATION	OFFSET	TO	STATION	OFFSET	WHITE (FOOT)	YELLOW (FOOT)
STAGE 1 - RECONSTRUCTION SECTION						
657+54.71	44.0'	R	664+14.71	32.0'	R	660.1
664+14.71	32.0'	R	671+85.00	32.0'	R	770.3
670+74.71	20.0'	R	684+77.21	31.0'	L	1403.4
671+85.00	32.0'	R	686+14.99	20.0'	L	1430.9
673+48.67	44.0'	L	709+26.15	44.0'	L	3577.5
673+49.15	21.0'	L	684+77.19	33.0'	L	
684+77.19	33.0'	L	709+26.15	33.0'	L	2448.9
684+77.21	31.0'	L	684+59.30	31.0'	L	82.1
684+77.21	31.0'	L	709+26.15	31.0'	L	2448.9
686+14.38	20.0'	L	709+26.15	20.0'	L	2311.7
709+26.15	20.0'	L	713+40.00	20.0'	L	413.9
709+26.15	44.0'	L	713+40.00	44.0'	L	413.9
709+26.15	33.0'	L	713+40.00	33.0'	L	413.9
709+26.15	31.0'	L	713+40.00	31.0'	L	413.9
STAGE 1 - RESURFACING SECTION						
713+40.00	20.0'	L	727+00.00	20.0'	L	1360.0
713+40.00	44.0'	L	732+96.79	44.0'	L	1956.8
713+40.00	33.0'	L	728+37.96	33.0'	L	1497.9
713+40.00	31.0'	L	728+37.96	31.0'	L	1497.9
727+00.00	20.0'	L	732+96.79	1.7'	R	598.7
728+37.96	33.0'	L	728+65.45	32.0'	L	27.8
728+37.96	31.0'	L	742+40.37	20.0'	R	1402.4
728+65.45	32.0'	L	741+30.00	32.0'	L	1266.5
732+96.79	44.0'	L	748+84.31	32.0'	L	1577.3
732+96.79	1.7'	R	738+76.49	27.8'	R	580.1
738+76.49	22.8'	R	744+60.00	44.0'	R	X
738+76.49	44.0'	L	748+84.31	44.0'	L	997.6
738+77.07	6.8'	R	742+40.37	20.0'	R	364.7
741+30.00	32.0'	L	748+84.31	32.0'	L	748.8
748+84.31	32.0'	L	752+93.00	20.0'	L	676.2
STAGE 2 - RECONSTRUCTION SECTION						
668+55.00	44.0'	L	686+15.63	20.0'	R	1761.8
659+76.81	20.0'	R	664+14.71	32.0'	R	660.1
664+14.71	32.0'	R	684+49.67	32.0'	R	2035.0
684+49.67	32.0'	R	684+77.17	33.0'	R	27.5
684+77.17	33.0'	R	685+59.29	33.0'	R	82.1
685+59.29	33.0'	R	715+25.00	33.0'	R	2965.7
686+15.63	20.0'	R	709+26.15	20.0'	R	2309.3
709+26.50	20.0'	R	715+25.00	20.0'	R	598.5
STAGE 2 - RESURFACING SECTION						
715+25.00	20.0'	R	727+00.00	20.0'	R	1175.0
715+25.00	33.0'	R	728+37.96	33.0'	R	1



EXISTING LEGEND

- (A) PCC PAVEMENT 10"
- (B) BITUMINOUS SHOULDER 6"
- (C) BITUMINOUS CONCRETE BINDER COURSE 1 1/4 " & VARIES
- (D) BITUMINOUS CONCRETE SURFACE COURSE 1 1/4 " & VARIES
- (E) SUB-BASE GRANULAR MATERIAL 6"
- (F) AGGREGATE SHOULDER 6"



NOTE:
FOR GUARDRAIL LIMITS SEE EXISTING PLAN
AND REMOVALS SHEETS.

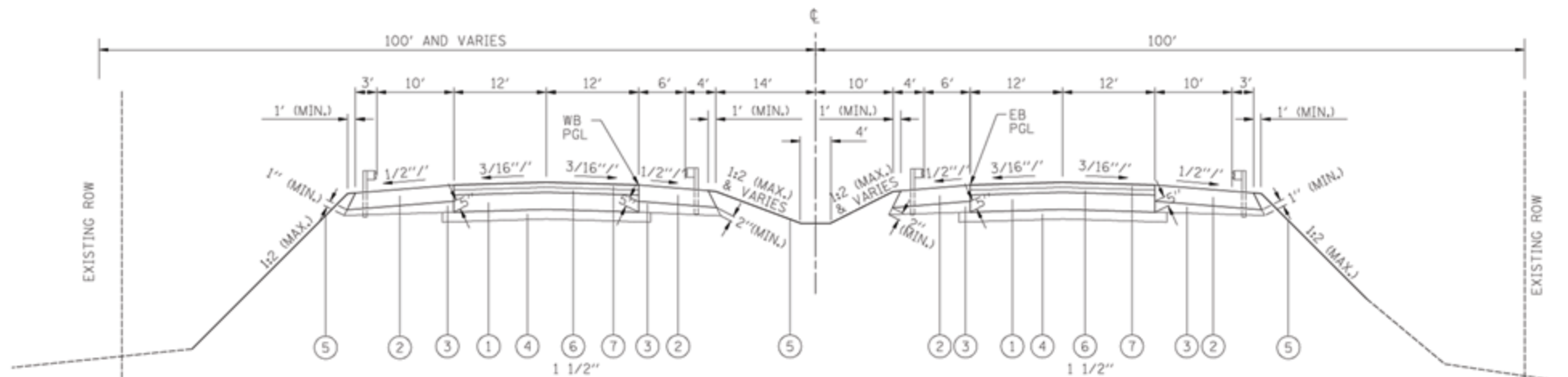
FILE NAME = D876884\sh-typicals.dgn	USER NAME = thompsrd	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN GC	REVISED -
	PLOT SCALE = 20.000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. ----- TO STA. -----

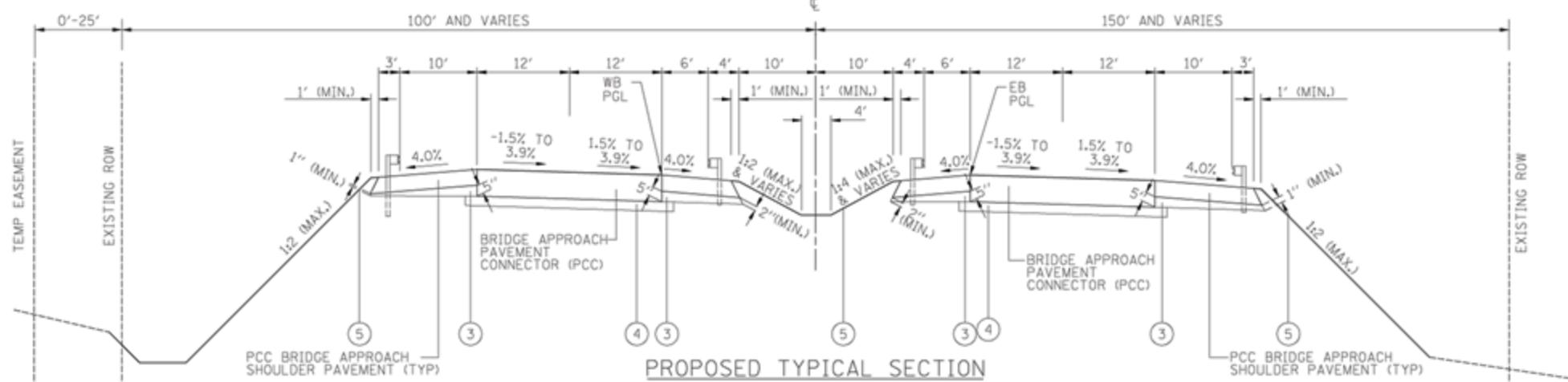
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	15
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
 ILLINOIS ROUTE 15
 WESTBOUND: STA 699+00.00 TO STA 702+54.26
 EASTBOUND: STA 700+00.00 TO STA 704+00.23

PROPOSED LEGEND

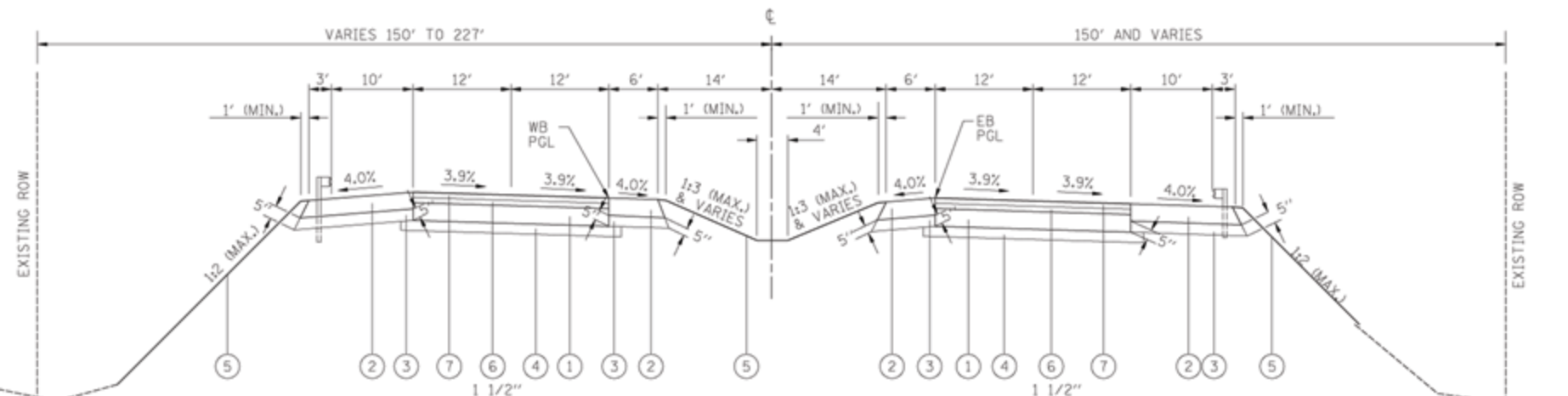
- ① PCC PAVEMENT 10"
- ② HOT-MIX ASPHALT SHOULDERS, 8"
- ③ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH
- ④ STABILIZED SUBBASE 6"
- ⑤ SEEDING
- ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50, DEPTH VARIES (2 1/4" MAX)
- ⑦ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, DEPTH VARIES (2 1/4" MIN)



PROPOSED TYPICAL SECTION
 ILLINOIS ROUTE 15
 WESTBOUND: STA 702+54.26 TO STA 703+61.17
 STA 707+70.93 TO STA 709+15.77
 STA 711+03.36 TO STA 711+95.53
 EASTBOUND: STA 704+00.23 TO STA 704+93.31
 STA 709+03.06 TO STA 709+64.60
 STA 711+54.21 TO STA 712+62.23

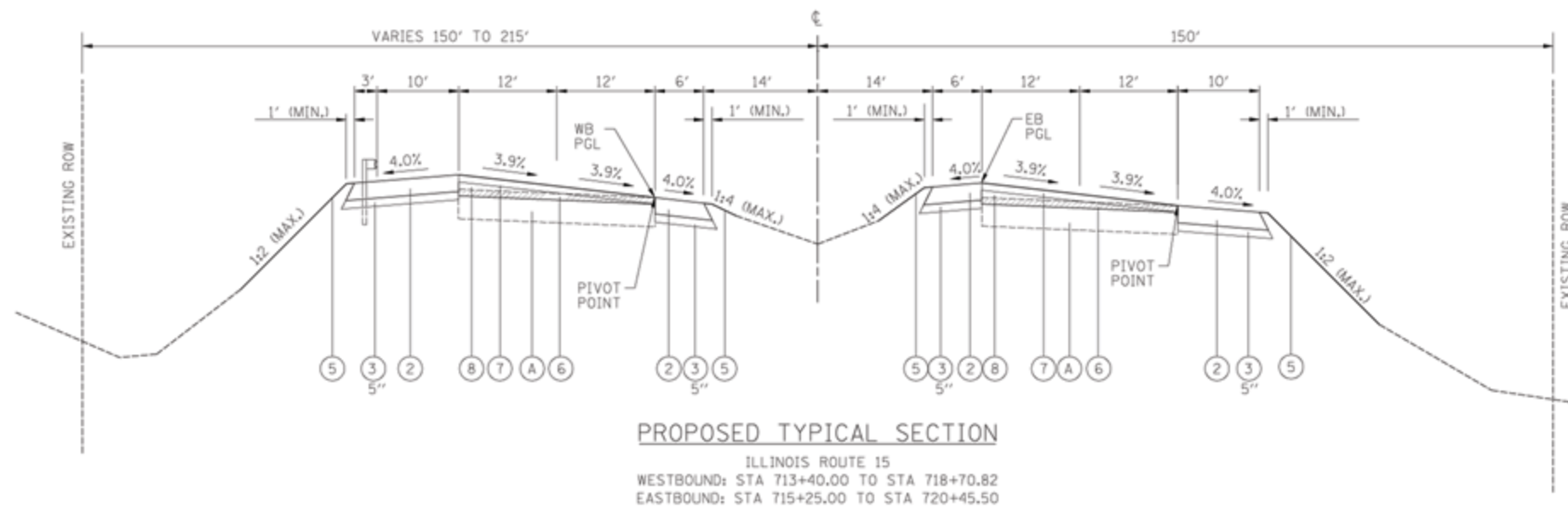
NOTES:

1. RESURFACING TO BE CONSTRUCTED BY PIVOTING AROUND EXISTING RIGHT (SOUTHERN) EOP FOR WB & EB LANES.
2. HMA BINDER COURSE TO BE COMPLETED IN 2 OR 3 LIFTS DEPENDING ON DEPTH.
3. FOR GUARDRAIL LIMITS SEE PLAN SHEETS.

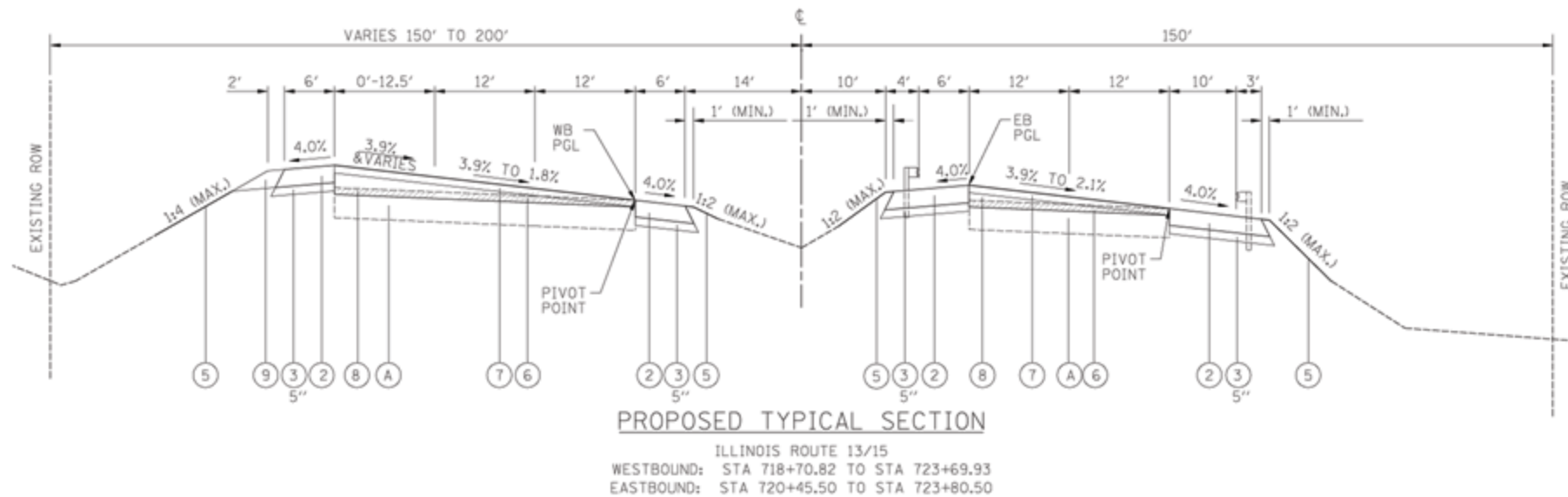


PROPOSED TYPICAL SECTION
 ILLINOIS ROUTE 15
 WESTBOUND: STA 711+95.53 TO STA 713+40.00
 EASTBOUND: STA 712+62.22 TO STA 715+25.00

STRUCTURAL DESIGN FACTOR: YEAR 2022		PV = 7647		SU = 363		MU = 440	
ROAD / STREET CLASSIFICATION: CLASS 1							
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:							
P = 32		S = 45		M = 45			
TRAFFIC FACTOR: ACTUAL TF = 3.23				AC TYPE = 20			
				MINIMUM TF = 5.02			
PG GRADE: BINDER = N/A				SURFACE = 64-22			
SUBGRADE SUPPORT RATING: POOR							



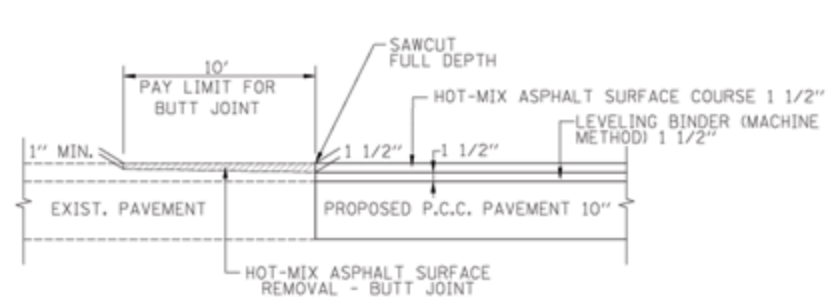
- Ⓐ EXISTING PCC PAVEMENT 10"
- PROPOSED LEGEND
- ① PCC PAVEMENT 10"
 - ② HOT-MIX ASPHALT SHOULDERS, 8"
 - ③ AGGREGATE BASE COURSE, TYPE A, VARIABLE DEPTH
 - ④ STABILIZED SUBBASE 6"
 - ⑤ SEEDING
 - ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50, DEPTH VARIES (2 1/4" MAX)
 - ⑦ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
 - ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N90, DEPTH VARIES (2 1/4" MIN)
 - ⑨ AGGREGATE SHOULDERS, TYPE A 6"



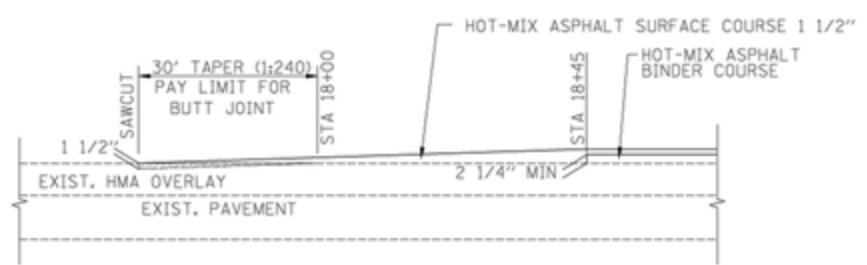
- NOTES:
1. RESURFACING TO BE CONSTRUCTED BY PIVOTING AROUND EXISTING RIGHT (SOUTHERN) EOP FOR WB & EB LANES.
 2. HMA BINDER COURSE TO BE COMPLETED IN 2 OR 3 LIFTS DEPENDING ON DEPTH.
 3. FOR GUARDRAIL LIMITS SEE PLAN SHEETS.

LEGEND:

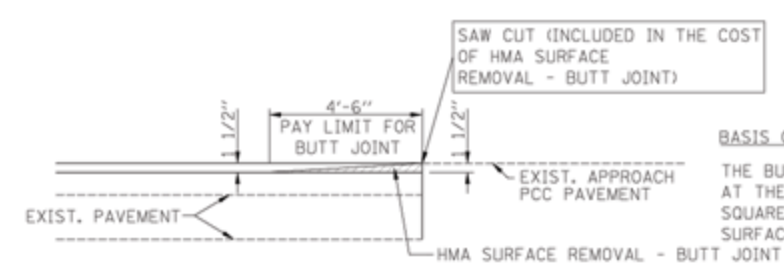
HOT MIX ASPHALT SURFACE REMOVAL 1 1/2 "



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT DETAIL
 (RECONSTRUCTION)
 IL ROUTE 15 WB STA. 699+00
 IL ROUTE 15 EB STA. 700+00
 (COST OF SAWCUT INCLUDED IN COST OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT)



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT DETAIL
 (RESURFACING)
 IL ROUTE 15 RAMP STA. 18+00
 (COST OF SAWCUT INCLUDED IN COST OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT)

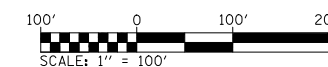
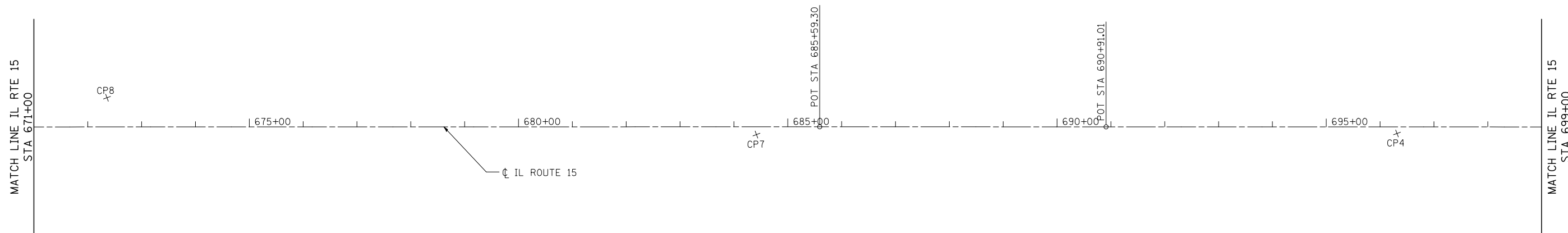
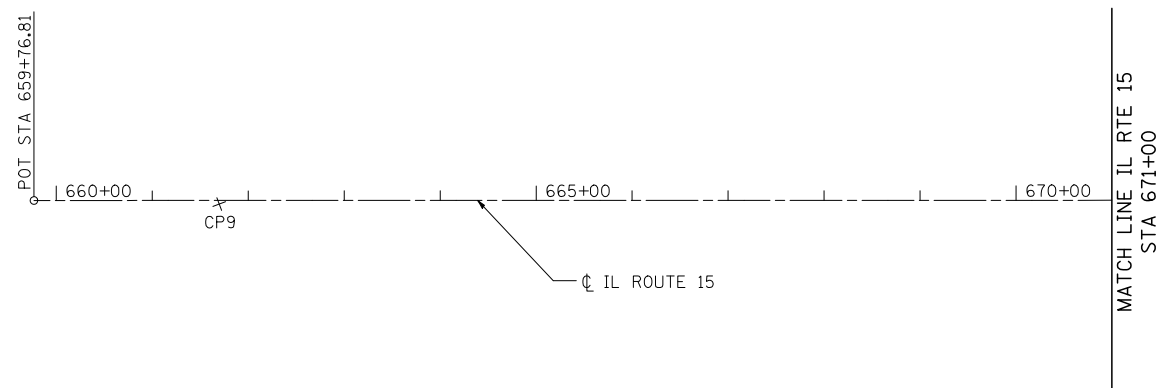


BUTT JOINT DETAIL
 (RESURFACING)
 IL ROUTE 15 WB STA. 723+69.93
 IL ROUTE 15 EB STA. 723+80.50

BASIS OF PAVEMENT:
 THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT".

FILE NAME: D076884-ahs-typsec2.dgn	USER NAME: thampard	DESIGNED: GC	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE: 103	SECTION: 27-1-VHB-1	COUNTY: ST. CLAIR	TOTAL SHEETS: 277	SHEET NO.: 17
MODEL NAME: #MODELNAME#	DRAWN: GC	CHECKED: JAP	REVISED: -		SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA. -----	TO STA. -----	CONTRACT NO. T6884			
PLOT SCALE: 1/8" = 1'-0" / 3/16"	DATE: 10-19-11	DATE: 10-19-11	REVISED: -		ILLINOIS FED. AID PROJECT							
PLOT DATE: 10/20/2011	DATE: 10-19-11	DATE: 10-19-11	REVISED: -									

NOTE:
FOR CONTROL POINTS INFORMATION
SEE COORDINATE TABLE & CONTROL
POINTS SHEET.



FILE NAME = D876884-sht-ATB.dgn	USER NAME = thompsrd	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -
	PLOT SCALE = 200.0000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS

SCALE: 1"=100' SHEET NO. 1 OF 3 SHEETS STA. 659+76.81 TO STA. 699+00.00

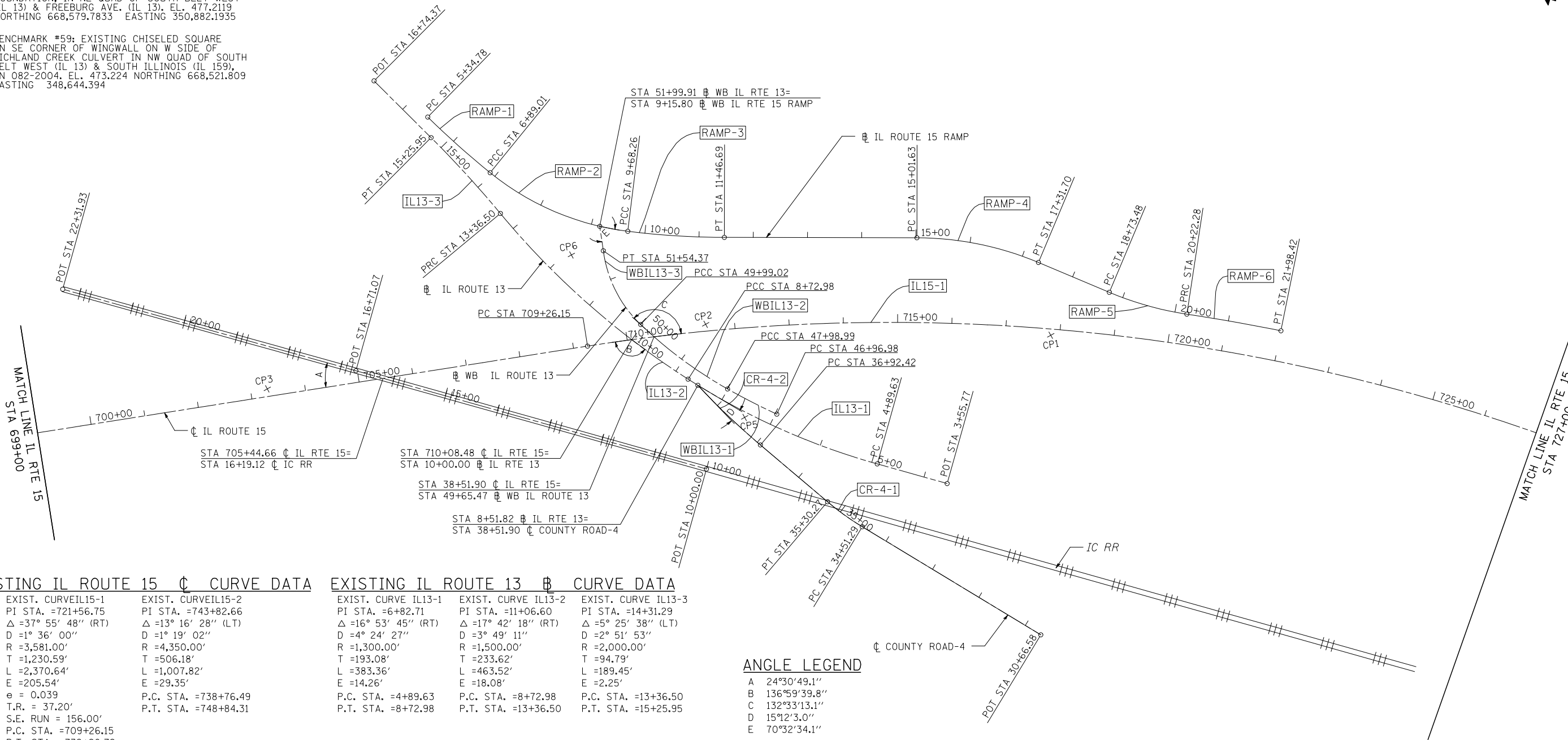
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	18
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

BENCHMARK #4: EXISTING CHISELED SQUARE
ON SOUTH END OF NORTHEAST WINGWALL
ON STRUCTURE NO. 082-0051. EL. 493.11
STA. 702+75.41; 51.35' LT

BENCHMARK #1: EXISTING CHISELED SQUARE
IN SE SIDE 4-WAY FLASHING LIGHT POLE
FOUNDATION, IN NE QUAD OF SOUTH BELT WEST
(IL 13) & FREEBURG AVE. (IL 13), EL. 477.2119
NORTHING 668,579.7833 EASTING 350,882.1935

BENCHMARK #59: EXISTING CHISELED SQUARE
ON SE CORNER OF WINGWALL ON W SIDE OF
RICHLAND CREEK CULVERT IN NW QUAD OF SOUTH
BELT WEST (IL 13) & SOUTH ILLINOIS (IL 159),
SN 082-2004. EL. 473.224 NORTHING 668,521.809
EASTING 348,644.394

NOTE:
FOR CONTROL POINTS INFORMATION
SEE COORDINATE TABLE & CONTROL
POINTS SHEET.



EXISTING IL ROUTE 15 ◊ CURVE DATA

EXIST. CURVE IL15-1 PI STA. =721+56.75 Δ =37° 55' 48" (RT) D =1° 36' 00" R =3,581.00' T =1,230.59' L =2,370.64' E =205.54' e = 0.039 T.R. = 37.20' S.E. RUN = 156.00' P.C. STA. =709+26.15 P.T. STA. =732+96.79	EXIST. CURVE IL15-2 PI STA. =743+82.66 Δ =13° 16' 28" (LT) D =1° 19' 02" R =4,350.00' T =506.18' L =1,007.82' E =29.35' P.C. STA. =738+76.49 P.T. STA. =748+84.31
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EXISTING IL ROUTE 13 ◊ CURVE DATA

EXIST. CURVE IL13-1 PI STA. =6+82.71 Δ =16° 53' 45" (RT) D =4° 24' 27" R =1,300.00' T =193.08' L =383.36' E =14.26' P.C. STA. =4+89.63 P.T. STA. =8+72.98	EXIST. CURVE IL13-2 PI STA. =11+06.60 Δ =17° 42' 18" (RT) D =3° 49' 11" R =1,500.00' T =233.62' L =463.52' E =18.08' P.C. STA. =8+72.98 P.T. STA. =13+36.50	EXIST. CURVE IL13-3 PI STA. =14+31.29 Δ =5° 25' 38" (LT) D =2° 51' 53" R =2,000.00' T =94.79' L =189.45' E =2.25' P.C. STA. =13+36.50 P.T. STA. =15+25.95
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ANGLE LEGEND

- A 24°30'49.1"
- B 136°59'39.8"
- C 132°33'13.1"
- D 15°12'3.0"
- E 70°32'34.1"

EXISTING COUNTY ROAD 4 ◊ CURVE DATA

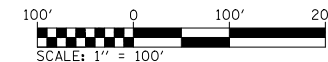
EXIST. CURVE CR-4-1 PI STA. =34+90.86 Δ =9° 03' 00" (RT) D =11° 27' 33" R =500.00' T =39.57' L =78.98' E =1.56' P.C. STA. =34+51.29 P.T. STA. =35+30.27	EXIST. CURVE CR-4-2 PI STA. =37+72.25 Δ =6° 46' 07" (RT) D =4° 14' 39" R =1,350.00' T =79.83' L =159.48' E =2.36' P.C. STA. =36+92.42 P.T. STA. =38+51.90
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EXISTING IL ROUTE 15 WB RAMP ◊ CURVE DATA

EXIST. CURVE RAMP-1 PI STA. =6+11.95 Δ =5° 18' 33" (LT) D =3° 26' 33" R =500.00' T =77.17' L =154.23' E =1.79' P.C. STA. =5+34.78 P.T. STA. =6+89.01	EXIST. CURVE RAMP-2 PI STA. =8+32.38 Δ =32° 00' 00" (LT) D =11° 27' 33" R =500.00' T =143.37' L =279.25' E =20.15' P.C. STA. =6+89.01 P.T. STA. =9+68.26	EXIST. CURVE RAMP-3 PI STA. =10+57.59 Δ =6° 57' 19" (LT) D =3° 53' 53" R =1,469.86' T =89.32' L =178.43' E =2.71' P.C. STA. =9+68.26 P.T. STA. =11+46.69	EXIST. CURVE RAMP-4 PI STA. =16+18.20 Δ =22° 43' 41" (RT) D =9° 52' 43" R =580.00' T =116.57' L =230.08' E =11.60' P.C. STA. =15+01.63 P.T. STA. =17+31.70	EXIST. CURVE RAMP-5 PI STA. =19+48.26 Δ =14° 12' 34" (LT) D =9° 32' 57" R =600.00' T =74.78' L =148.80' E =4.64' P.C. STA. =18+73.48 P.T. STA. =20+22.28	EXIST. CURVE RAMP-6 PI STA. =21+10.36 Δ =2° 46' 28" (RT) D =1° 34' 31" R =3,637.46' T =88.09' L =176.14' E =1.07' P.C. STA. =20+22.28 P.T. STA. =21+98.42
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EXISTING WB IL ROUTE 13 CURVE DATA

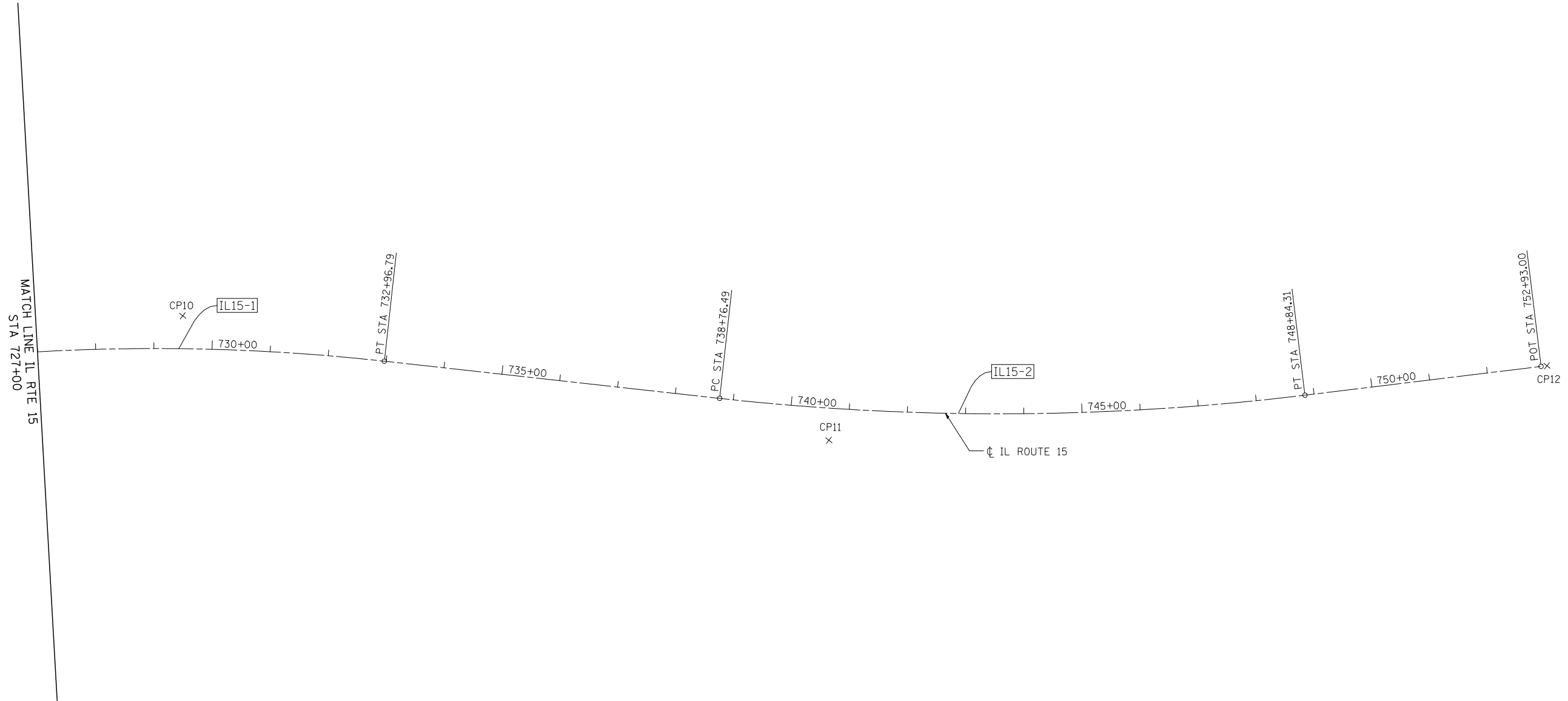
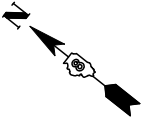
EXIST. CURVE WBIL13-1 PI STA. =47+48.01 Δ =4° 34' 23" (RT) D =4° 29' 00" R =1,278.00' T =51.03' L =102.00' E =6.29' P.C. STA. =46+96.98 P.T. STA. =47+98.99	EXIST. CURVE WBIL13-2 PI STA. =48+99.53 Δ =14° 19' 35" (RT) D =7° 09' 43" R =800.00' T =100.54' L =200.03' E =6.29' P.C. STA. =47+98.99 P.T. STA. =49+99.02	EXIST. CURVE WBIL13-3 PI STA. =50+79.81 Δ =38° 50' 51" (RT) D =25° 00' 25" R =229.12' T =80.79' L =155.35' E =13.83' P.C. STA. =49+99.02 P.T. STA. =51+54.37
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FILE NAME = D876884-sht-ATB.dgn	USER NAME = thompard	DESIGNED GC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS	F.A.P. RTE 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 19	
MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISOR -	SCALE: 1"=100'			SHEET NO. 2 OF 3 SHEETS	STA. 699+00.00 TO STA. 727+00.00	CONTRACT NO. 76884		ILLINOIS FED. AID PROJECT	
PLOT SCALE = 200.0000' / IN.	CHECKED JAP	REVISOR -									
PLOT DATE = 10/20/2011	DATE 10-19-11	REVISOR -									

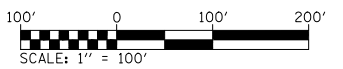
NOTE:

FOR CONTROL POINTS INFORMATION
SEE COORDINATE TABLE & CONTROL
POINTS SHEET.



EXISTING IL ROUTE 15 CURVE DATA

EXIST. CURVEIL15-1	EXIST. CURVEIL15-2
PI STA. =721+56.75	PI STA. =743+82.66
Δ =37° 55' 48" (RT)	Δ =13° 16' 28" (LT)
D =1° 36' 00"	D =1° 19' 02"
R =3,581.00'	R =4,350.00'
T =1,230.59'	T =506.18'
L =2,370.64'	L =1,007.82'
E =205.54'	E =29.35'
e = 0.039	P.C. STA. =738+76.49
T.R. = 37.20'	P.T. STA. =748+84.31
S.E. RUN = 156.00'	
P.C. STA. =709+26.15	
P.T. STA. =732+96.79	



FILE NAME = D876884-shr-ATB.dgn	USER NAME = thompsrd	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -
	PLOT SCALE = 200.0000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS

SCALE: 1"=100' SHEET NO. 3 OF 3 SHEETS STA. 727+00.00 TO STA. 752+93.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	20
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

COORDINATE TABLE

IL ROUTE 15				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		659+76.81	666,008.14	351,308.00
POT		685+59.30	665,125.36	353,734.92
POT		690+91.01	664,943.41	354,234.52
PC	IL15-1	709+26.15	664,315.40	355,958.87
PI	IL15-1	721+56.75	663,894.28	357,115.17
PT	IL15-1	732+96.79	662,851.34	357,768.34
PC	IL15-2	738+76.49	662,360.05	358,076.03
PI	IL15-2	743+82.66	661,931.06	358,344.70
PT	IL15-2	748+84.31	661,575.22	358,704.70
POT		752+93.00	661,287.91	358,995.36
IL ROUTE 13				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3+55.77	663,772.52	356,415.91
PC	IL13-1	4+89.63	663,866.64	356,320.74
PI	IL13-1	6+82.71	664,002.40	356,183.45
PCC	IL13-1	8+72.98	664,172.21	356,091.55
PI	IL13-2	11+06.60	664,377.67	355,980.36
PRC	IL13-2	13+36.50	664,607.21	355,936.91
PI	IL13-3	14+31.29	664,700.36	355,919.28
PT	IL13-3	15+25.95	664,791.41	355,892.92
POT		16+74.37	664,933.98	355,851.66
WB IL ROUTE 13				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	WB IL13-1	46+96.98	664,036.55	356,203.29
PI	WB IL13-1	47+48.01	664,077.74	356,173.16
PCC	WB IL13-1	47+98.99	664,121.20	356,146.42
PI	WB IL13-2	48+99.53	664,206.82	356,093.73
PCC	WB IL13-2	49+99.02	664,302.83	356,063.86
PI	WB IL13-3	50+79.81	664,379.97	356,039.87
PT	WB IL13-3	51+54.37	664,455.11	356,069.56
POT		51+99.91	664,497.72	356,085.64

NOTES:

- PCC POINT OF COMPOUND CURVATURE
- PRC POINT OF REVERSE CURVATURE

COORDINATE TABLE (CONTD)

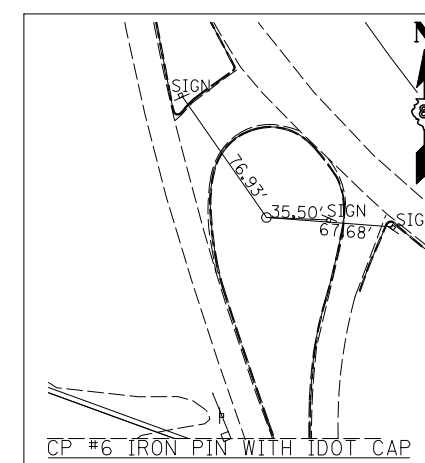
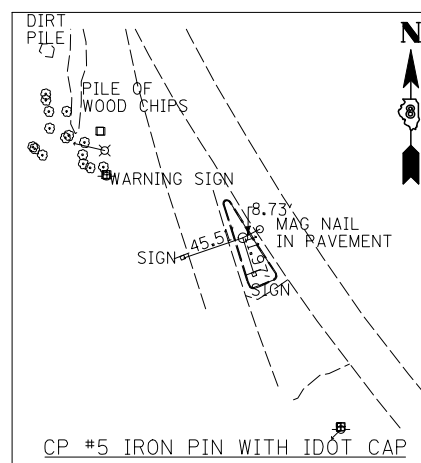
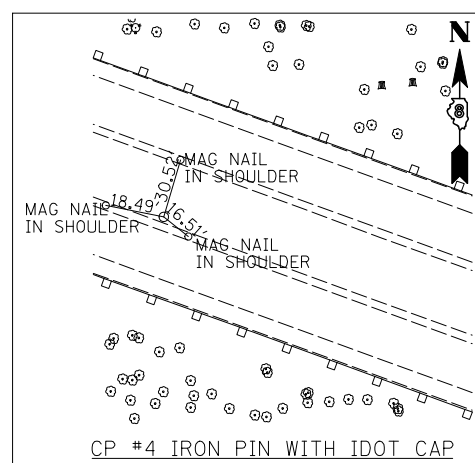
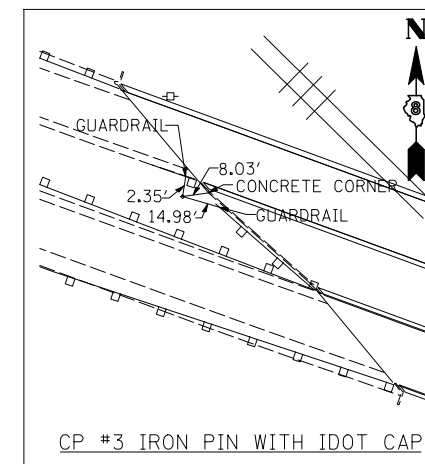
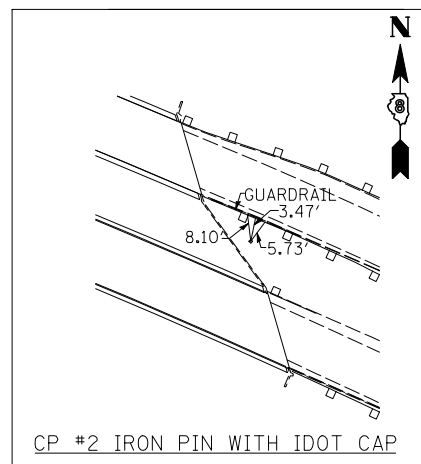
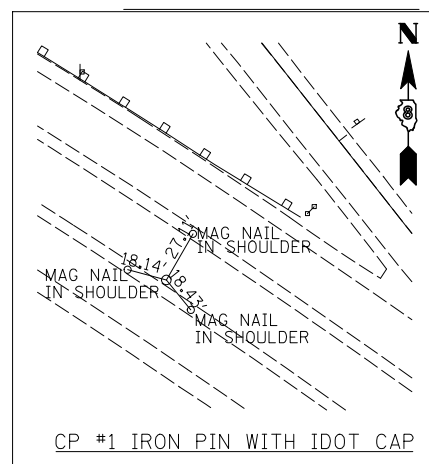
WB IL ROUTE 15 RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	RAMP-1	5+34.78	664,827.56	355,905.94
PI	RAMP-1	6+11.95	664,753.62	355,928.03
PCC	RAMP-1	6+89.01	664,682.05	355,956.87
PI	RAMP-2	8+32.38	664,549.06	356,010.45
PCC	RAMP-2	9+68.26	664,464.68	356,126.36
PI	RAMP-3	10+57.59	664,412.10	356,198.58
PT	RAMP-3	11+46.69	664,368.66	356,276.63
PC	RAMP-4	15+01.63	664,196.05	356,586.76
PI	RAMP-4	16+18.20	664,139.35	356,688.62
PT	RAMP-4	17+31.70	664,047.71	356,760.66
PC	RAMP-5	18+73.48	663,936.26	356,848.28
PI	RAMP-5	19+48.26	663,877.46	356,894.50
PRC	RAMP-5	20+22.28	663,831.82	356,953.73
PI	RAMP-6	21+10.36	663,778.05	357,023.51
PT	RAMP-6	21+98.42	663,720.97	357,090.59
COUNTY ROAD - 4				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		30+66.58	663,444.80	356,431.79
PC	CR-4-1	34+51.29	663,778.59	356,240.54
PI	CR-4-1	34+90.86	663,812.93	356,220.87
PT	CR-4-1	35+30.27	663,849.93	356,206.84
PC	CR-4-2	36+92.42	664,001.55	356,149.36
PI	CR-4-2	37+72.25	664,076.20	356,121.06
PT	CR-4-2	38+51.90	664,153.67	356,101.76

CONTROL POINTS

POINT NUMBER	NORTHING (FT)	EASTING (FT)	ELEVATION NAVD 88	DESCRIPTION
CP 1	663,919.2672	356,715.4760	468.5434	IRON PIN W/ ALUMINUM CAP
CP 2	664,245.0492	356,168.8884	487.9294	IRON PIN W/ ALUMINUM CAP
CP 3	664,532.3277	355,404.3457	492.832	IRON PIN W/ ALUMINUM CAP
CP 4	664,747.0978	354,738.0392	483.2267	IRON PIN W/ ALUMINUM CAP
CP 5	664,060.0680	356,148.5621	464.7426	IRON PIN W/ ALUMINUM CAP
CP 6	664,476.8352	356,014.3531	473.0358	IRON PIN W/ ALUMINUM CAP
CP 7	665,151.9858	353,619.6126	471.092	5/8" Ø X30" REBAR W/IDOT CAP
CP 8	665,628.7214	352,509.6365	474.813	5/8" Ø X30" REBAR W/IDOT CAP
CP 9	665,938.6444	351,488.1187	491.401	5/8" Ø X30" REBAR W/IDOT CAP
CP 10	663,171.2992	357,614.4155	467.362	5/8" Ø X30" REBAR W/IDOT CAP
CP 11	662,168.2713	358,136.0780	469.932	5/8" Ø X30" REBAR W/IDOT CAP
CP 12	661,280.5669	359,002.5526	485.301	5/8" Ø X30" REBAR W/IDOT CAP

NOTE:

- 1. THE COORDINATES LISTED ABOVE ARE TRUNCATED STATE PLANE GROUND COORDINATES.
- 2. THE EASTING FOR THESE POINTS HAS BEEN TRUNCATED TO DISTINGUISH AS GROUND COORDINATES. I.E. #1 E. 356,715.4760 = E. 2,356,715.4760



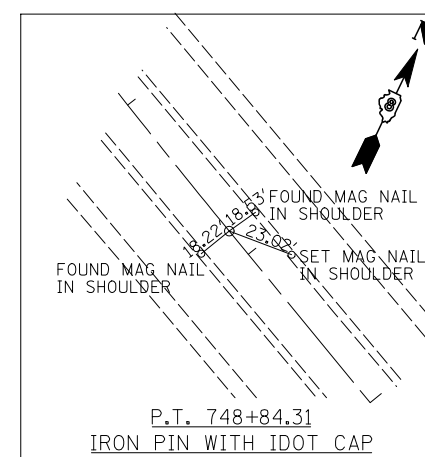
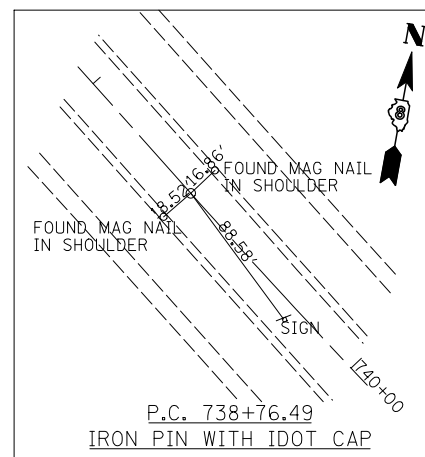
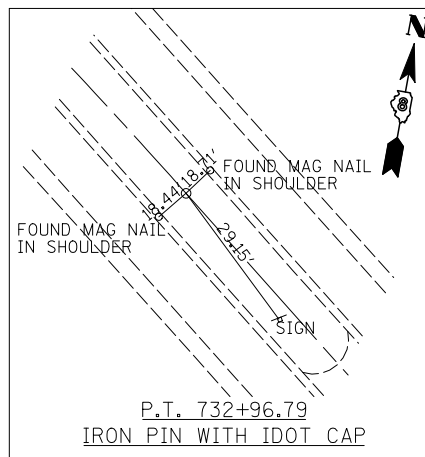
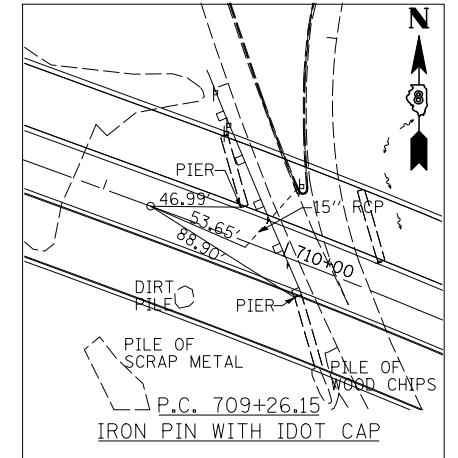
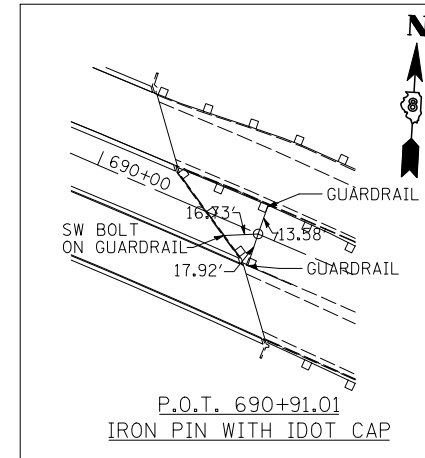
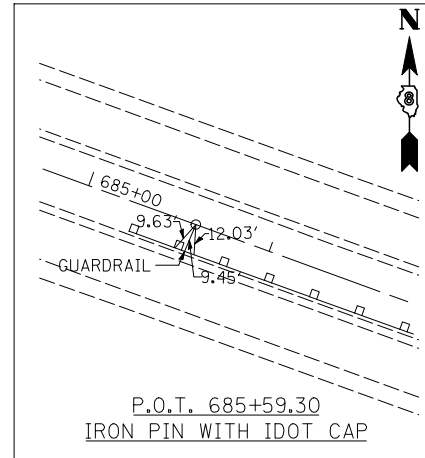
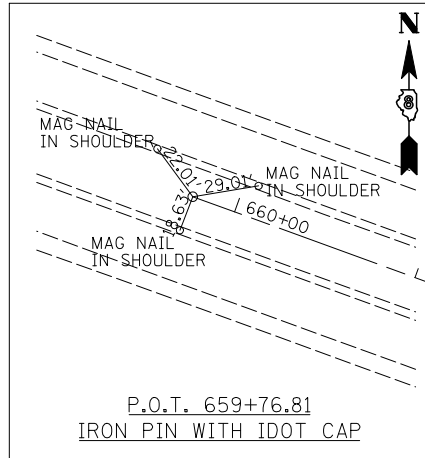
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	PLOT SCALE = 100.0000' / IN.	CHECKED GC	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TIES AND CONTROL POINTS

SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	22
				CONTRACT NO. 76884
ILLINOIS FED. AID PROJECT				



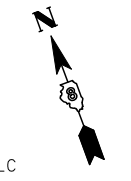
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		DRAWN RDT	REVISED -
		CHECKED JAP	REVISED -
		DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TIES AND CONTROL POINTS

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	23
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LONE OAK INVESTMENTS LLC
PARCEL NO. 08-35.0-100-032

CITY OF BELLEVILLE
PARCEL NO. 08-35.0-100-036

CITY OF BELLEVILLE
PARCEL NO. 08-35.0-100-035

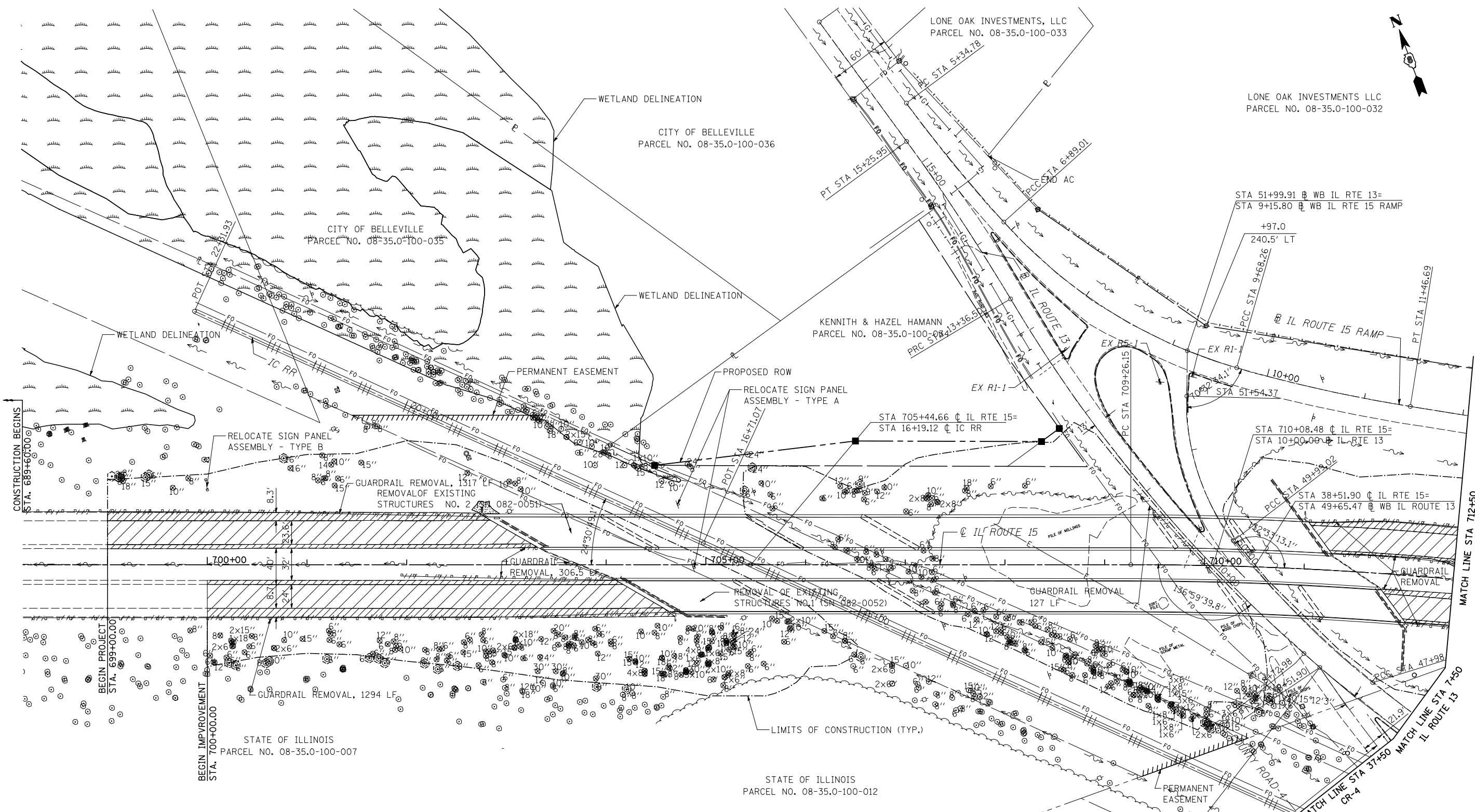
KENNETH & HAZEL HAMANN
PARCEL NO. 08-35.0-100-084

LONE OAK INVESTMENTS, LLC
PARCEL NO. 08-35.0-100-033

STATE OF ILLINOIS
PARCEL NO. 08-35.0-100-007

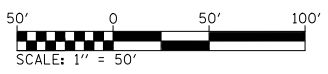
STATE OF ILLINOIS
PARCEL NO. 08-35.0-100-012

ARTHUR SCHMIDT
PARCEL NO. 08-35.0-300-002



- LEGEND**
- PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - PAVED SHOULDER REMOVAL
 - GUARDRAIL REMOVAL
 - TREE REMOVAL
 - TREE TRUNK PROTECTION (LOCATED NEAR CONSTRUCTION LIMITS)

NOTE:
FOR EXISTING CURVE DATA
SEE ALIGNMENTS SHEET.
FOR STORM SEWER REMOVAL
SEE DRAINAGE REMOVAL SHEETS.



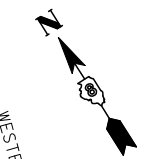
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PLOT SCALE = 100.0000' / IN.	CHECKED JAP	REVISIONS	REVISED -
PLOT DATE = 10/20/2011	DATE 10-19-11	REVISIONS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

SCALE: 1"=50' SHEET NO. 1 OF 2 SHEETS STA. 699+00.00 TO STA. 712+50.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	24
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

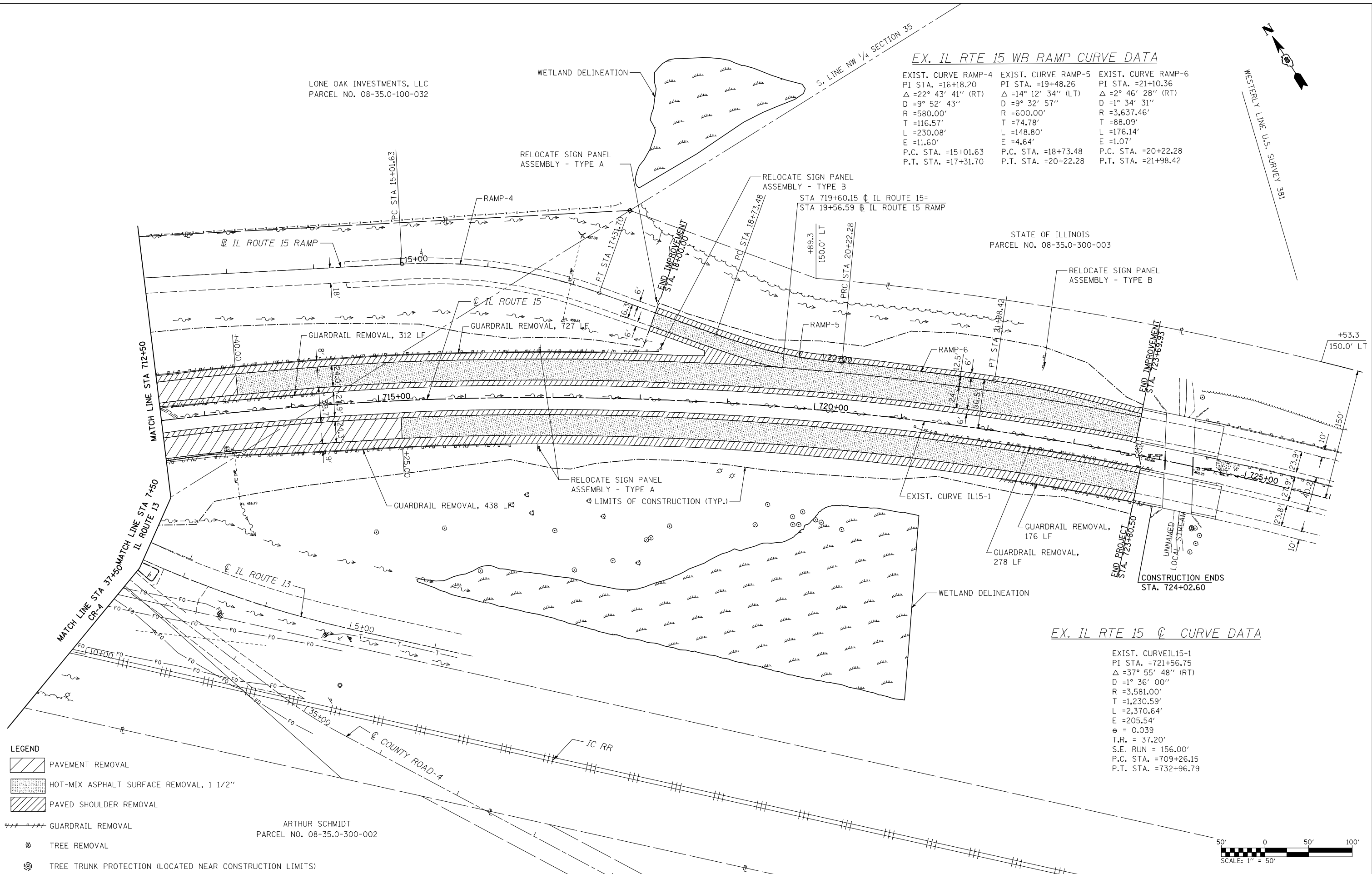


EX. IL RTE 15 WB RAMP CURVE DATA

EXIST. CURVE RAMP-4	EXIST. CURVE RAMP-5	EXIST. CURVE RAMP-6
PI STA. =16+18.20	PI STA. =19+48.26	PI STA. =21+10.36
Δ =22° 43' 41" (RT)	Δ =14° 12' 34" (LT)	Δ =2° 46' 28" (RT)
D =9° 52' 43"	D =9° 32' 57"	D =1° 34' 31"
R =580.00'	R =600.00'	R =3,637.46'
T =116.57'	T =74.78'	T =88.09'
L =230.08'	L =148.80'	L =176.14'
E =11.60'	E =4.64'	E =1.07'
P.C. STA. =15+01.63	P.C. STA. =18+73.48	P.C. STA. =20+22.28
P.T. STA. =17+31.70	P.T. STA. =20+22.28	P.T. STA. =21+98.42

EX. IL RTE 15 @ CURVE DATA

EXIST. CURVE IL15-1
PI STA. =721+56.75
Δ =37° 55' 48" (RT)
D =1° 36' 00"
R =3,581.00'
T =1,230.59'
L =2,370.64'
E =205.54'
e = 0.039
T.R. = 37.20'
S.E. RUN = 156.00'
P.C. STA. =709+26.15
P.T. STA. =732+96.79



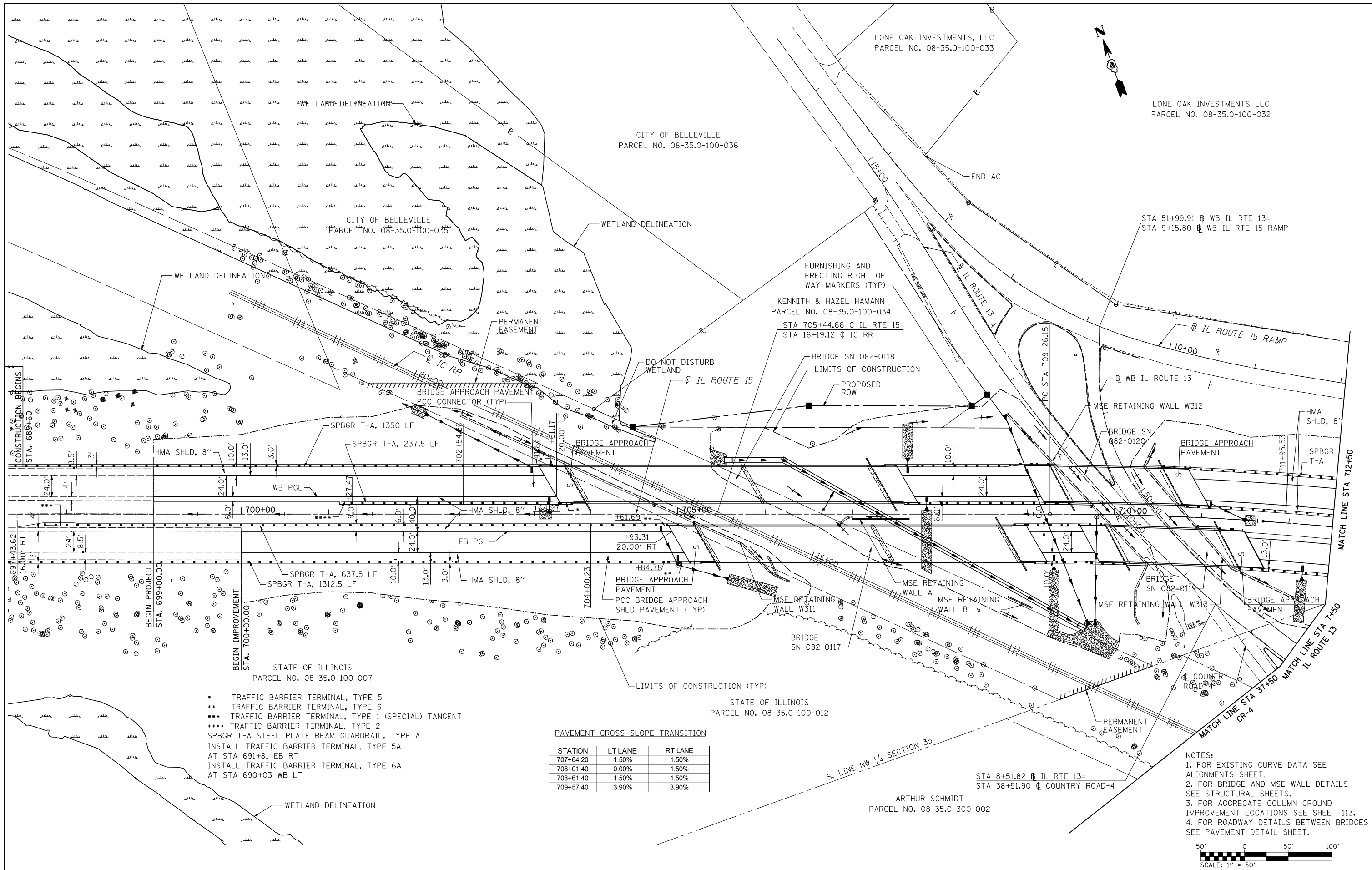
- LEGEND**
- PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - PAVED SHOULDER REMOVAL
 - GUARDRAIL REMOVAL
 - TREE REMOVAL
 - TREE TRUNK PROTECTION (LOCATED NEAR CONSTRUCTION LIMITS)

ARTHUR SCHMIDT
PARCEL NO. 08-35.0-300-002

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS

FILE NAME = D876884-sht-removals.dgn	USER NAME = thompard	DESIGNED GC	REVISED -	F.A.P. RTE 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 25
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -	SCALE: 1"=50'	SHEET NO. 2 OF 2 SHEETS	STA. 712+50.00 TO STA. 726+00.00	CONTRACT NO. 76884	
	PLOT SCALE = 100.0000' / IN.	CHECKED JAP	REVISED -	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -					



- * TRAFFIC BARRIER TERMINAL, TYPE 5
- ** TRAFFIC BARRIER TERMINAL, TYPE 6
- *** TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- **** TRAFFIC BARRIER TERMINAL, TYPE 2
- SPBGR T-A STEEL PLATE BEAM GUARDRAIL, TYPE A
- INSTALL TRAFFIC BARRIER TERMINAL, TYPE 5A AT STA 691+81 EB RT
- INSTALL TRAFFIC BARRIER TERMINAL, TYPE 6A AT STA 690+03 WB LT

PAVEMENT CROSS SLOPE TRANSITION

STATION	LTLANE	RTLANE
707+64.20	1.50%	1.50%
708+01.40	0.00%	1.50%
708+61.40	1.50%	1.50%
709+57.40	3.90%	3.90%

- NOTES:**
1. FOR EXISTING CURVE DATA SEE ALIGNMENTS SHEET.
 2. FOR BRIDGE AND MSE WALL DETAILS SEE STRUCTURAL SHEETS.
 3. FOR AGGREGATE COLUMN GROUND IMPROVEMENT LOCATIONS SEE SHEET 113.
 4. FOR ROADWAY DETAILS BETWEEN BRIDGES SEE PAVEMENT DETAIL SHEET.



FILE NAME = D876884.sht:pr:plan.dgn	USER NAME = thompard	DESIGNED GC	REVISED -
	MODEL NAME = \$MODELNAME\$	DRAWN RDT	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED JAP	REVISED -
	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

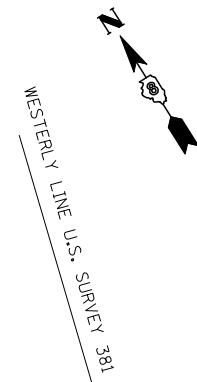
SCALE: 1"=50' SHEET NO. 1 OF 2 SHEETS STA. 699+00.00 TO STA. 712+50.00

F.A.P. RTE 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 26
CONTRACT NO. 76884				ILLINOIS FED. AID PROJECT

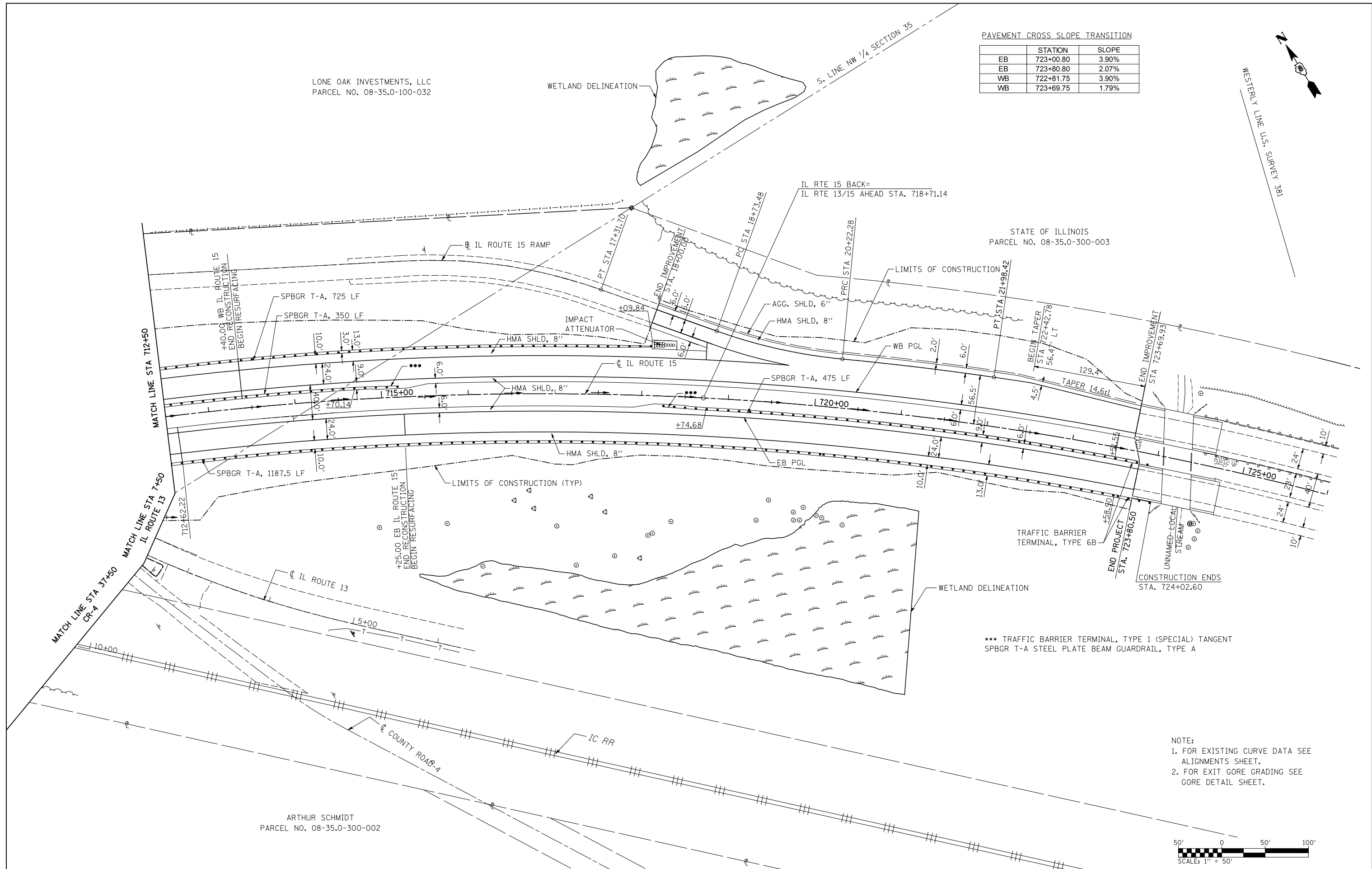
LONE OAK INVESTMENTS, LLC
 PARCEL NO. 08-35.0-100-032

PAVEMENT CROSS SLOPE TRANSITION

	STATION	SLOPE
EB	723+00.80	3.90%
EB	723+80.80	2.07%
WB	722+81.75	3.90%
WB	723+69.75	1.79%

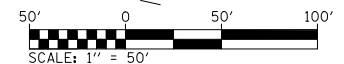


STATE OF ILLINOIS
 PARCEL NO. 08-35.0-300-003



*** TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 SPBGR T-A STEEL PLATE BEAM GUARDRAIL, TYPE A

- NOTE:
1. FOR EXISTING CURVE DATA SEE ALIGNMENTS SHEET.
 2. FOR EXIT GORE GRADING SEE GORE DETAIL SHEET.



ARTHUR SCHMIDT
 PARCEL NO. 08-35.0-300-002

FILE NAME =	USER NAME = thompsrd	DESIGNED GC	REVISED -
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	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

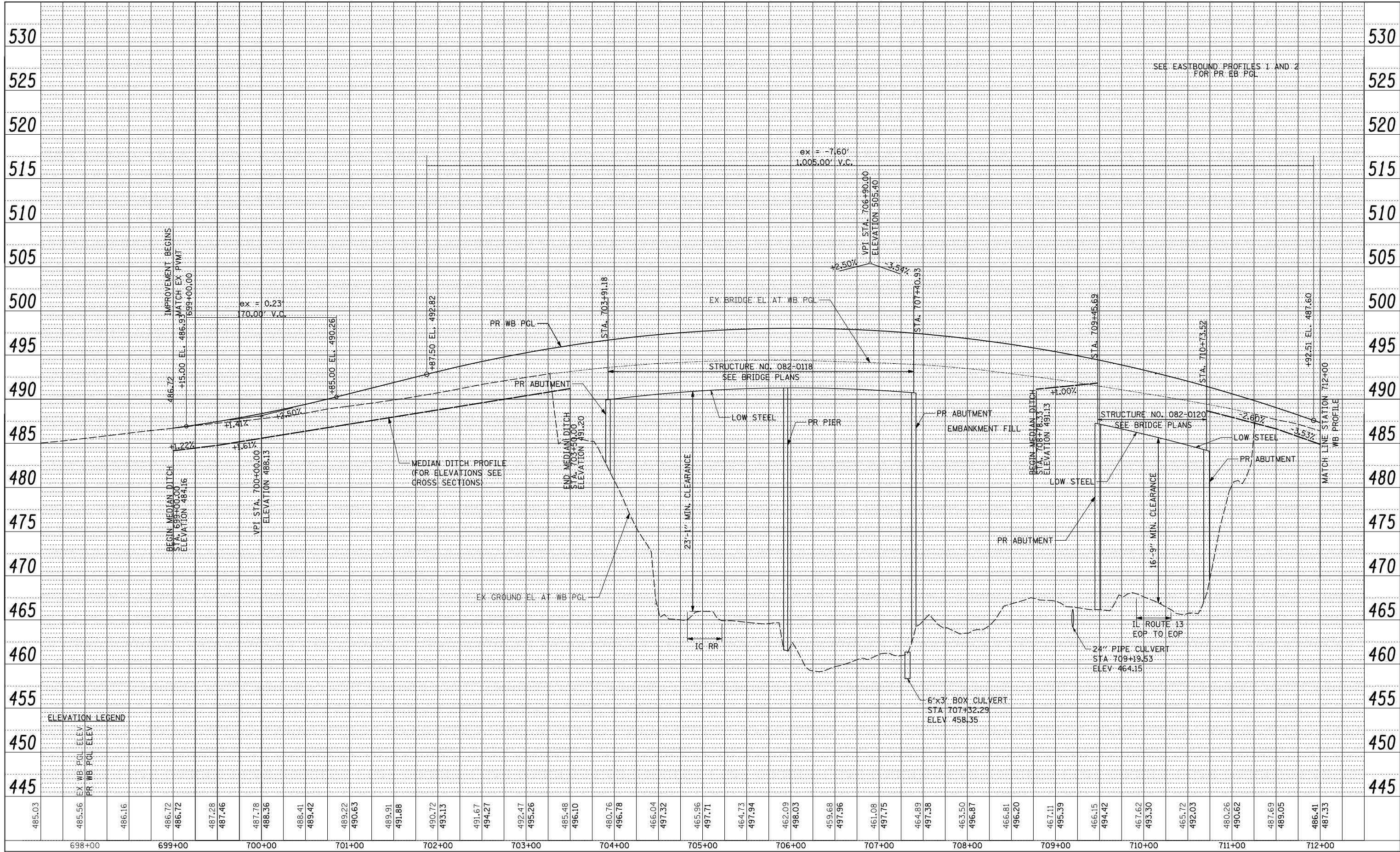
PLAN SHEET

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. 712+50.00 TO STA. 726+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	27
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	NO.		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	NO.		
	NO.		



SEE EASTBOUND PROFILES 1 AND 2 FOR PR EB PGL

ELEVATION LEGEND

485.03	EX WB PGL ELEV
485.56	PR WB PGL ELEV
486.16	
486.72	
487.28	
487.46	
487.78	
488.36	
488.41	
489.42	
489.22	
490.63	
489.91	
491.88	
490.72	
493.13	
491.67	
494.27	
492.47	
495.26	
485.48	
496.10	
480.76	
496.78	
466.04	
497.32	
465.96	
497.71	
464.73	
497.94	
462.09	
498.03	
459.68	
497.96	
461.08	
497.75	
464.89	
497.38	
463.50	
496.87	
466.81	
496.20	
467.11	
495.39	
466.15	
494.42	
467.62	
493.30	
465.72	
492.03	
480.26	
490.62	
487.69	
489.05	
486.41	
487.33	

FILE NAME = D876884-sht-profile.dgn

USER NAME = thompard
 MODEL NAME = \$MODELNAME\$
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 10/20/2011

DESIGNED - RDT
 DRAWN - RDT
 CHECKED - GC
 DATE - 10-19-11

REVISED -
 REVISED -
 REVISED -
 REVISED -

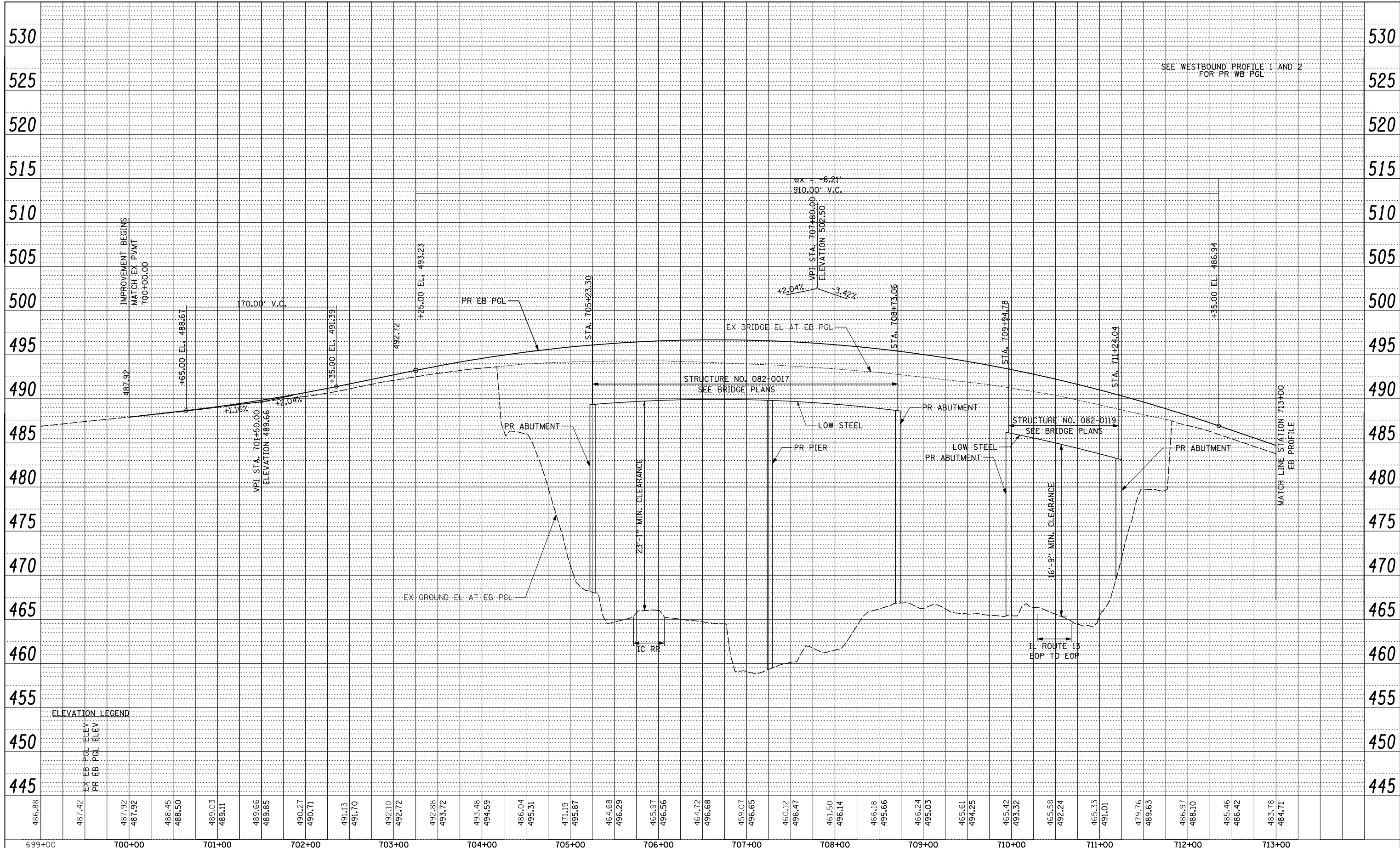
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
 WESTBOUND PROFILE SHEET**
 SCALE: H:1"=50'; V:1"=5'
 SHEET NO. 1 OF 4 SHEETS
 STA. 699+00.00 TO STA. 712+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VBH-1	ST. CLAIR	277	29
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	NOT AT THIS OFFICE		



SEE WESTBOUND PROFILE 1 AND 2 FOR PR WB PGL

ELEVATION LEGEND

EX EB PGL ELEV
PR EB PGL ELEV

FILE NAME = D876884-sht-profile.dgn

USER NAME = thompard	DESIGNED - RDT	REVISED -
MODEL NAME = \$MODELNAME\$	DRAWN - RDT	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - GC	REVISED -
PLOT DATE = 10/20/2011	DATE - 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

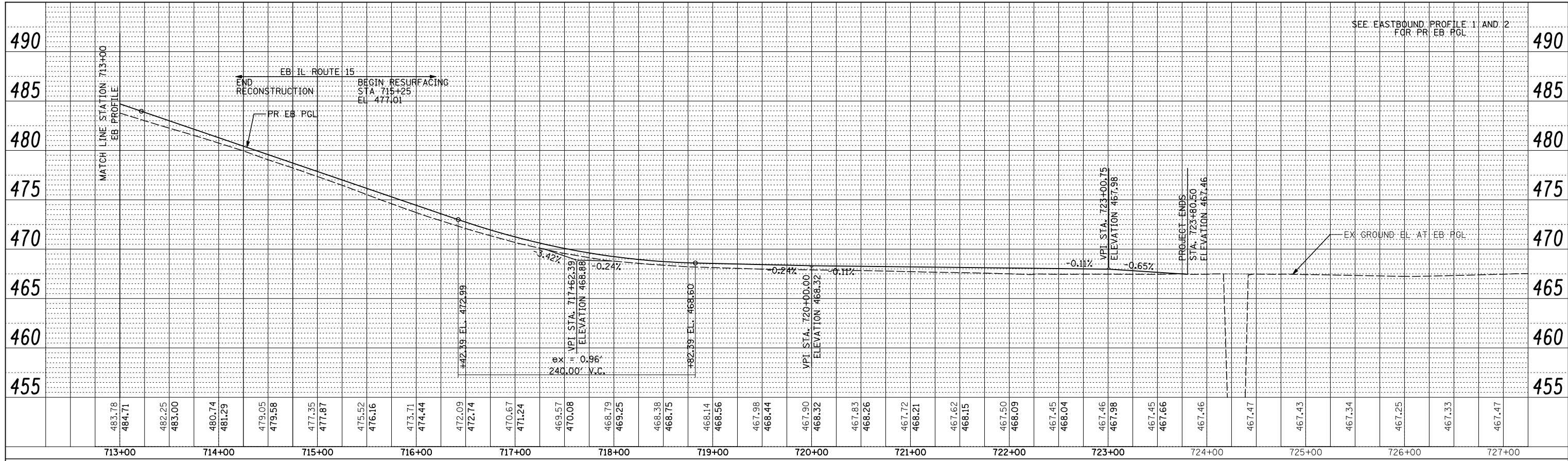
**IL ROUTE 15
EASTBOUND PROFILE SHEET**

SCALE: H=1"=50'; V=1"=5' SHEET NO. 3 OF 4 SHEETS STA. 699+00.00 TO STA. 713+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VBH-1	ST. CLAIR	277	31
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	NOTATIS CHFD		



483.78	484.71	482.25	483.00	480.74	481.29	479.05	479.58	477.35	477.87	475.52	476.16	473.71	474.44	472.09	472.74	470.67	471.24	469.57	470.08	468.79	469.25	468.38	468.75	468.14	468.56	467.98	468.44	467.90	468.32	467.83	468.26	467.72	468.21	467.62	468.15	467.50	468.09	467.45	468.04	467.46	467.98	467.45	467.66	467.46	467.47	467.43	467.34	467.25	467.33	467.47
713+00	714+00	715+00	716+00	717+00	718+00	719+00	720+00	721+00	722+00	723+00	724+00	725+00	726+00	727+00																																				

SEE EASTBOUND PROFILE 1 AND 2 FOR PR EB PGL

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
EASTBOUND PROFILE SHEET**

FILE NAME = D876884-sht-profile.dgn

USER NAME = thompsrd	DESIGNED - RDT	REVISED -
MODEL NAME = \$MODELNAME\$	DRAWN - RDT	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - GC	REVISED -
PLOT DATE = 10/20/2011	DATE - 10-19-11	REVISED -

SCALE: H:1"=50'; V:1"=5' SHEET NO. 4 OF 4 SHEETS STA. 713+00.00 TO STA. 727+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VBH-1	ST. CLAIR	277	32
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTE:

PRESTAGE WORK IS **REQUIRED** TO BE COMPLETED PRIOR TO ANY OTHER STAGES OF CONSTRUCTION.

SUGGESTED STAGES OF CONSTRUCTION - PRESTAGE

TRAFFIC:

1. PLACE CONSTRUCTION SIGNING AND COVER ANY EXISTING SIGNS THAT CONFLICT WITH WORK ZONE REQUIREMENTS.
2. MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION OF IL 15 DURING CONSTRUCTION HOURS.
3. NO PAVEMENT DROP-OFF CONDITIONS ALLOWED DURING NON-WORKING/CONSTRUCTION HOURS. PAVEMENT EDGE TREATMENT TO BE PLACED AS NECESSARY TO ENSURE TWO LANES OF TRAFFIC IN EACH DIRECTION DURING NON-WORKING/CONSTRUCTION HOURS.
4. TRAFFIC WILL REMAIN IN EXISTING EASTBOUND AND WESTBOUND IL 15 LANE CONFIGURATIONS WITH CONSTRUCTION WORK OCCURRING IN MEDIAN.

PRIMARY WORK ACTIVITIES:

1. CONSTRUCT TWO TEMPORARY PAVEMENT CROSSOVERS.
2. PROVIDE THE NECESSARY SHORING AND BRIDGE DECK REPAIRS TO THE WESTBOUND IL 15 BRIDGE DECK.
3. PLACE HMA OVERLAY ON WESTBOUND IL 15 BRIDGE DECK.
4. TEMPORARY TRAFFIC BARRIER TO BE PLACED ON WEST SIDE OF WESTBOUND BRIDGE APPROACHES.

SUGGESTED STAGES OF CONSTRUCTION - STAGE 1

TRAFFIC:

1. EASTBOUND IL 15 TRAFFIC SHIFTED TO WESTBOUND IL 15 STRUCTURE VIA TEMPORARY CROSSOVERS.
2. MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION FOR IL 15.
3. LANE/ROAD CLOSURES FOR IL 13 DURING REMOVAL OF THE EXISTING EASTBOUND IL 15 BRIDGE TO BE AS DIRECTED BY IDOT. ANY REQUIRED PLANS FOR DETOURS AND ADVANCED WARNINGS FOR IL 13 TO BE PROVIDED AND PREPARED BY IDOT.

PRIMARY WORK ACTIVITIES:

1. PERFORM CLEARING AND GRUBBING OF SITE.
2. PERFORM PAVEMENT REMOVAL.
3. REMOVAL OF EXISTING STRUCTURES OVER IL 13 AND IC RR FOR EASTBOUND IL 15. (TO BE COMPLETED DURING EVENING HOURS AS DIRECTED BY IDOT.)
4. BEGIN CONSTRUCTION OF 6'X3' CONCRETE BOX CULVERT, MSE WALLS, CULVERTS, DITCHES, EMBANKMENT, AND NEW EASTBOUND IL 15 STRUCTURES.
5. PERFORM PAVING OPERATIONS OF EASTBOUND IL 15.

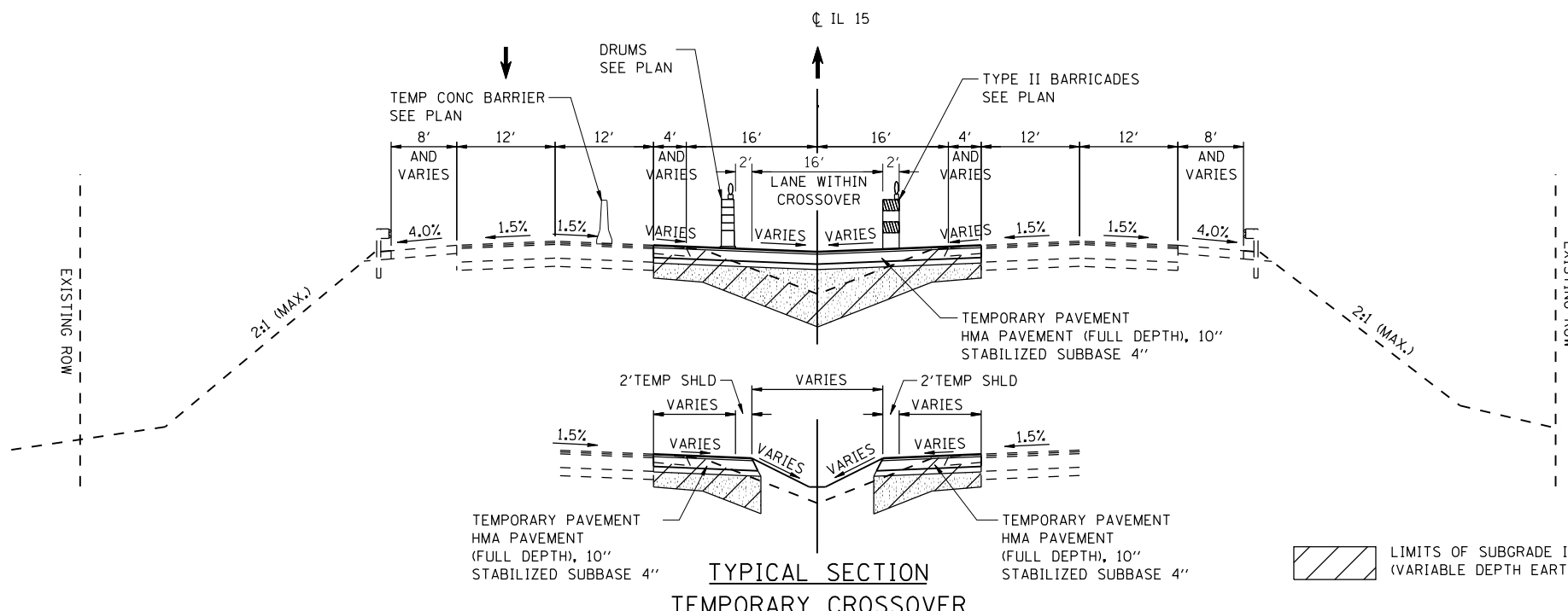
SUGGESTED STAGES OF CONSTRUCTION - STAGE 2

TRAFFIC:

1. TRAFFIC IS SHIFTED FROM WESTBOUND IL 15 STRUCTURE TO NEWLY CONSTRUCTED EASTBOUND IL 15 STRUCTURES VIA TEMPORARY CROSSOVERS.
2. RELOCATE TEMPORARY CONCRETE BARRIER FROM STAGE 1 TO STAGE 2.
3. WESTBOUND IL 15 EXIT RAMP WILL REMAIN OPEN WITH PARTIAL CLOSURES TO COMPLETE PAVING OPERATIONS.
4. LANE/ROAD CLOSURES FOR IL 13 DURING REMOVAL OF THE EXISTING WESTBOUND IL 15 BRIDGE TO BE AS DIRECTED BY IDOT. ANY REQUIRED PLANS FOR DETOURS AND ADVANCED WARNINGS FOR IL 13 TO BE PROVIDED AND PREPARED BY IDOT.

PRIMARY WORK ACTIVITIES:

1. REMOVAL OF EXISTING STRUCTURES OVER IL 13 AND IC RR FOR WESTBOUND IL 15.
2. PERFORM PAVEMENT REMOVAL FOR WESTBOUND IL 15.
3. COMPLETE CONSTRUCTION OF 6'X3' CONCRETE BOX CULVERT, MSE WALLS, CULVERTS, DITCHES, AND EMBANKMENT.
4. CONSTRUCT NEW STRUCTURE OVER IL 13 AND IC RR FOR WESTBOUND IL 15.
5. PERFORM PAVING OPERATIONS OF IL 15.

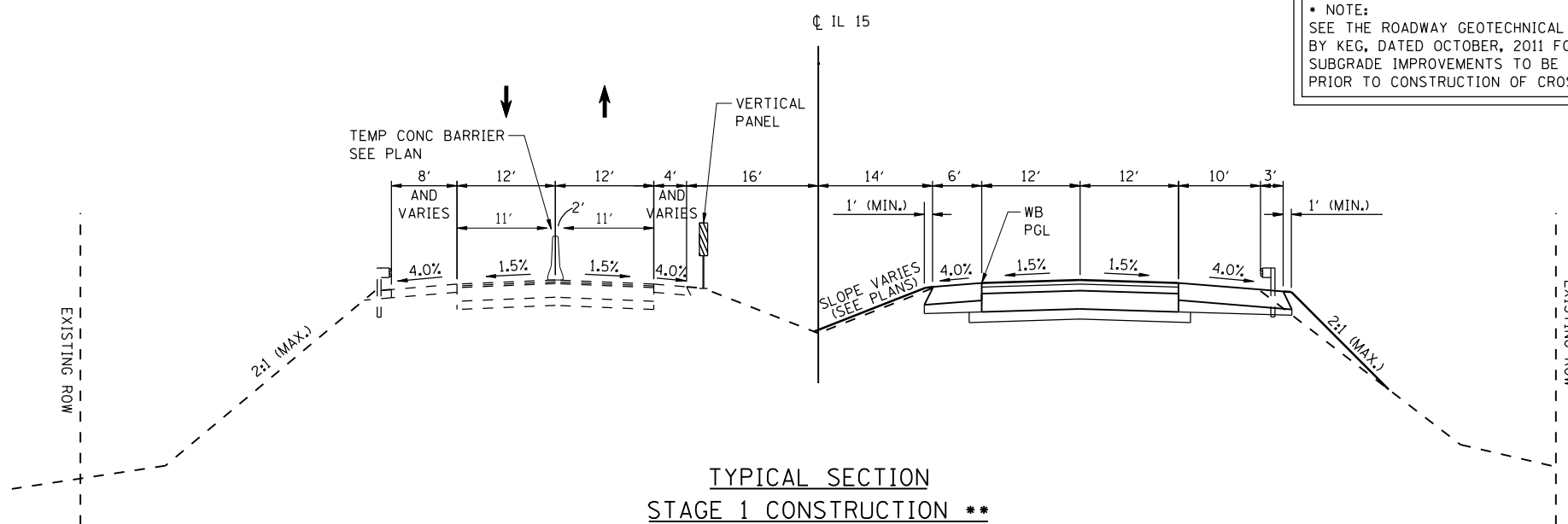


**TYPICAL SECTION
TEMPORARY CROSSOVER**

ILLINOIS ROUTE 15
STA. 670+74.71 TO STA. 686+15.00
STA. 727+00.00 TO STA. 742+40.00

- LIMITS OF SUBGRADE IMPROVEMENTS (VARIABLE DEPTH EARTH EXCAVATION)
- SUBBASE GRANULAR MATERIAL TYPE B EAST CROSSOVER OR AS DIRECTED BY THE ENGINEER

NOTE:
SEE THE ROADWAY GEOTECHNICAL REPORT, BY KEG, DATED OCTOBER, 2011 FOR SUBGRADE IMPROVEMENTS TO BE PLACED PRIOR TO CONSTRUCTION OF CROSSOVERS.



**TYPICAL SECTION
STAGE 1 CONSTRUCTION ****

ILLINOIS ROUTE 15
EB LANE CONSTRUCTION

**** NOTE:**
REVERSE AND USE THE EB PAVEMENT PLACED IN STAGE 1 FOR TRAFFIC CONTROL DURING THE CONSTRUCTION OF THE WB PAVEMENT.

SUGGESTED STAGES OF CONSTRUCTION - STAGE 3

TRAFFIC:

1. WESTBOUND AND EASTBOUND IL 15 TRAFFIC WILL BE SHIFTED BACK TO RESPECTIVE LANES.
2. MAINTAIN TWO LANES OF TRAFFIC ON EASTBOUND AND WESTBOUND IL 15. SHOULDER CLOSURES MAY BE NEEDED TO PERFORM CONSTRUCTION AS NEEDED.

PRIMARY WORK ACTIVITIES:

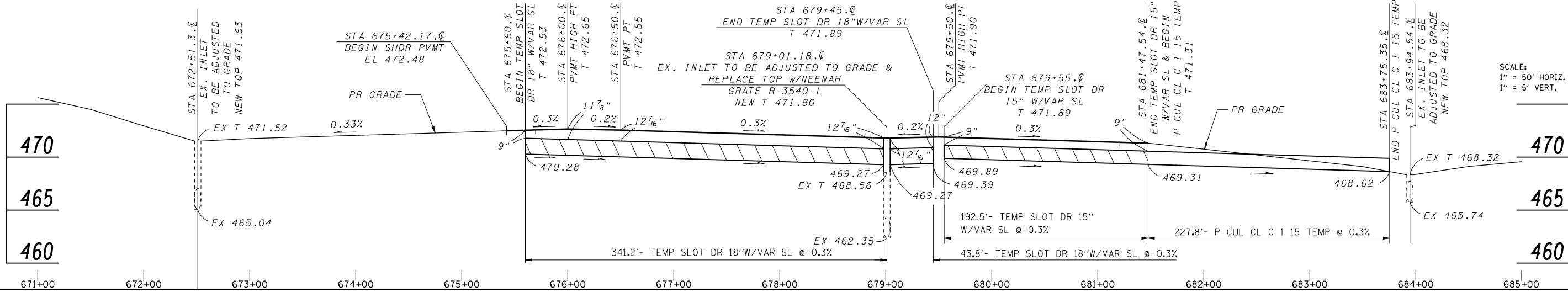
1. COMPLETE MISCELLANEOUS ITEMS AS NEEDED.
2. COMPLETE PUNCH LIST ITEMS.
3. REMOVE TEMPORARY CROSSOVERS.
4. REGRADE MEDIAN DITCHES AND APPLY FINAL SEEDING AND MULCH IN THE AREAS OF THE TEMPORARY CROSSOVERS.

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		DRAWN - R.J.O.	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - A.T.M.	REVISED -
	PLOT DATE = 10/19/2011	DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

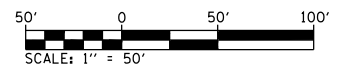
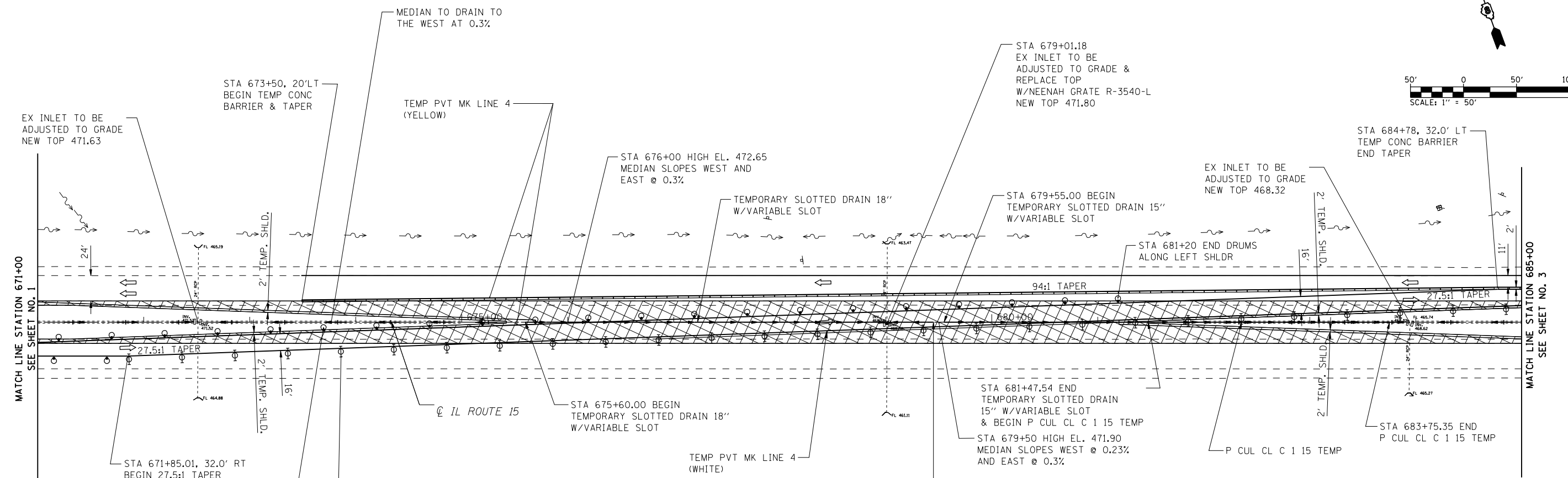
IL ROUTE 15 SUGGESTED SEQUENCE OF STAGED CONSTRUCTION & TRAFFIC CONTROL STAGE 1	
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	34
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



TEMPORARY SEWER PROFILE
(TO BE PLACED DURING PRE-STAGE)

SCALE:
1" = 50' HORIZ.
1" = 5' VERT.



LEGEND

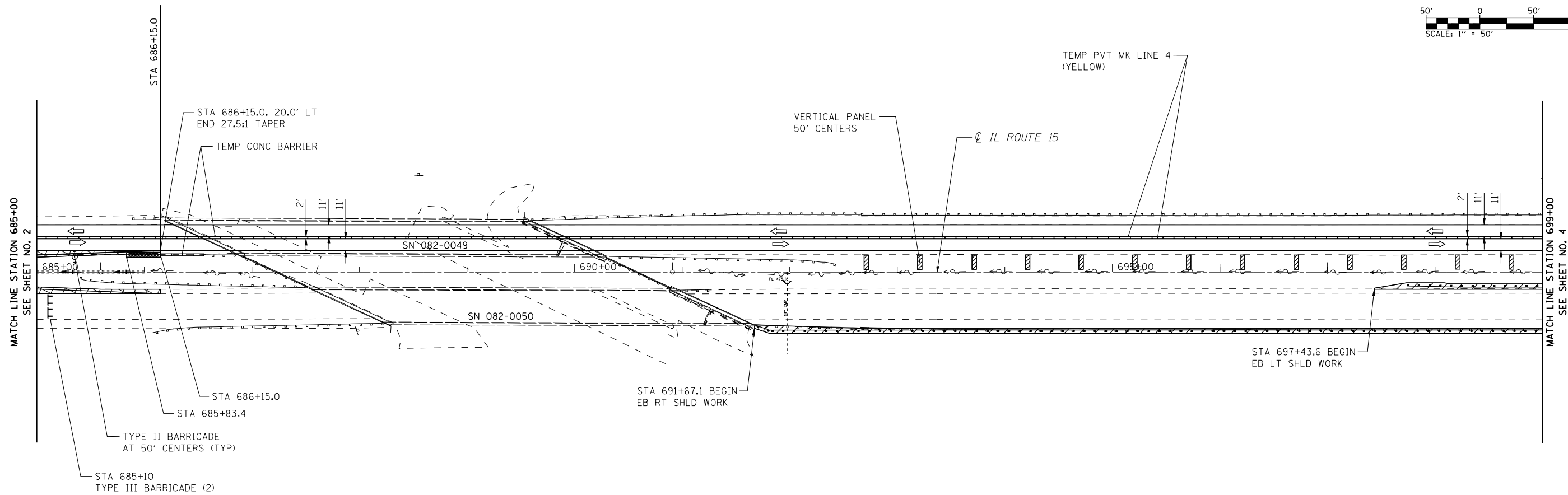
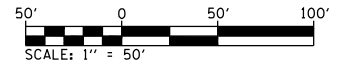
- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR

FILE NAME = 0876884-sht-staging.dgn	USER NAME = rjo	DESIGNED - R.J.O.	REVISED -
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		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -













**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 15 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 1			
SCALE: 1"=50'	SHEET NO. 2 OF 7 SHEETS	STA. 671+00.00 TO STA. 685+00.00	

F.A.P. RTE 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 36
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  VERTICAL PANEL (BACK TO BACK)
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  TEMPORARY IMPACT ATTENUATOR

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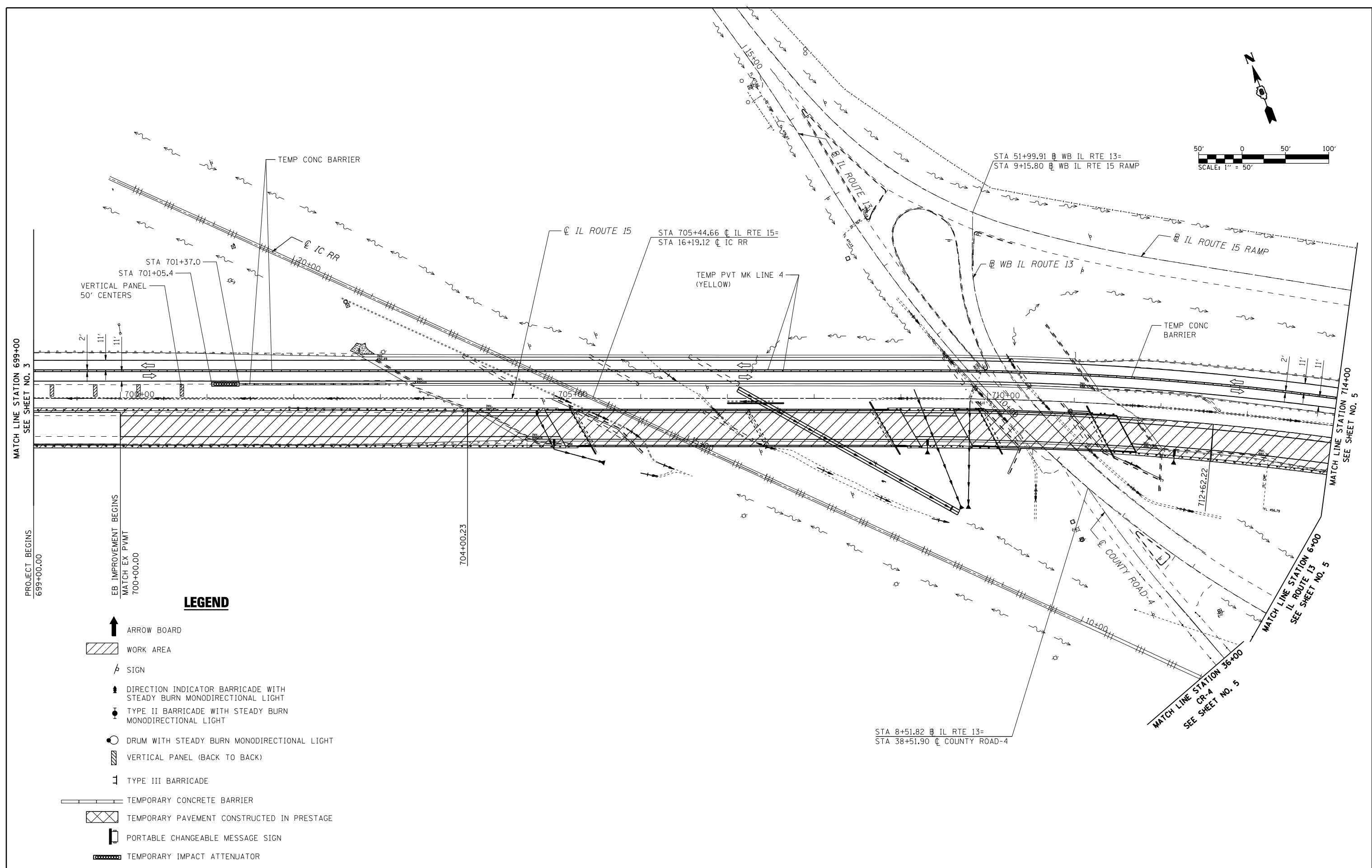
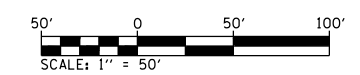
DESIGNED - R.J.O.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1**
SCALE: 1"=50' SHEET NO. 3 OF 7 SHEETS STA. 685+00.00 TO STA. 699+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	37
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR

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DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

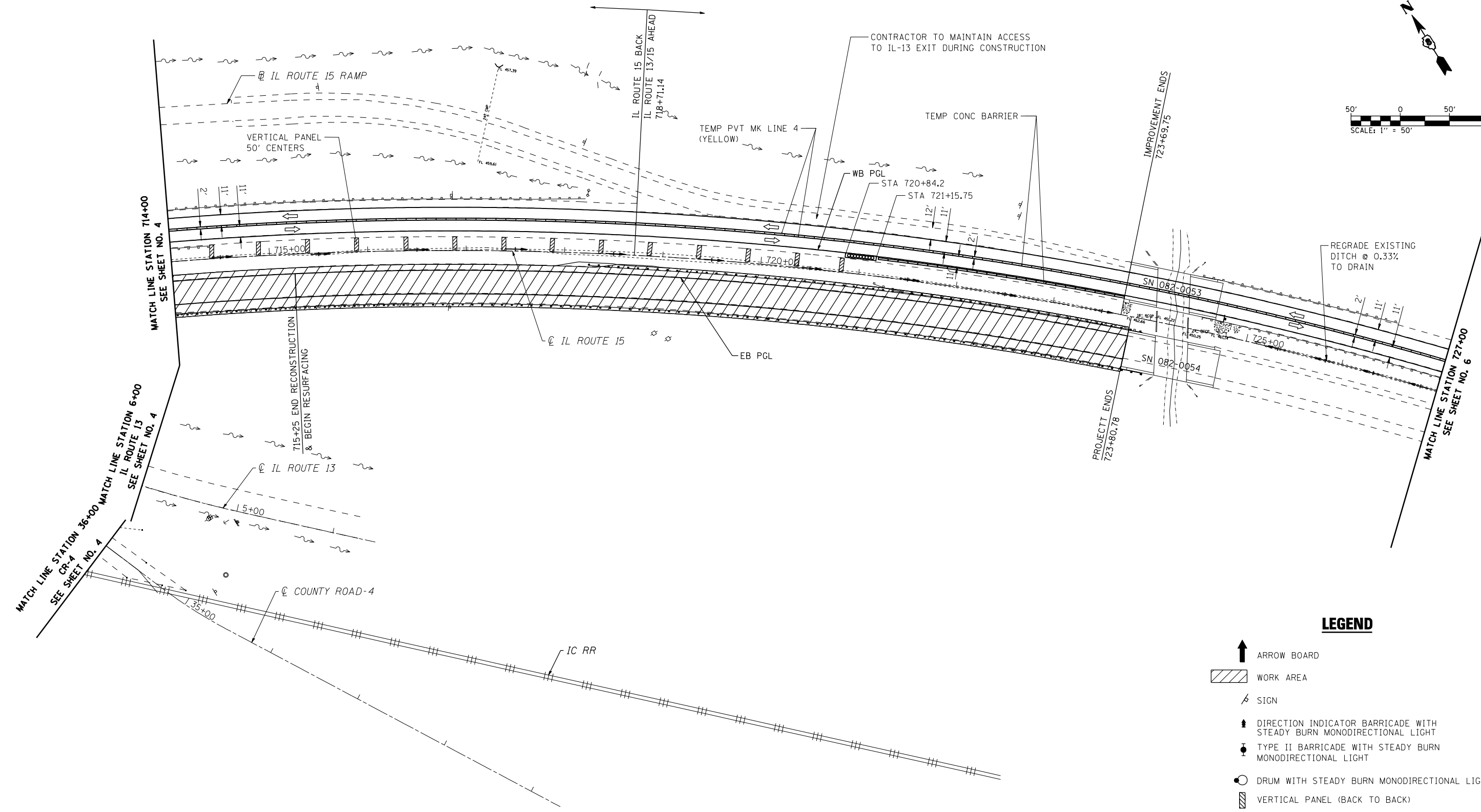
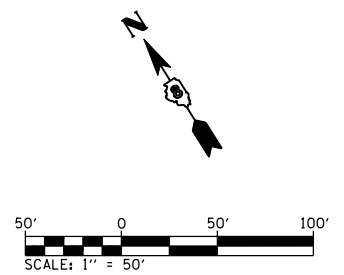
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





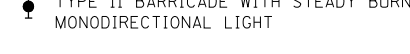
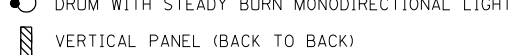




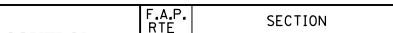
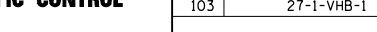
**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 7 SHEETS STA. 699+00.00 TO STA. 714+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	38
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  VERTICAL PANEL (BACK TO BACK)
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  TEMPORARY IMPACT ATTENUATOR

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DESIGNED - R.J.O.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

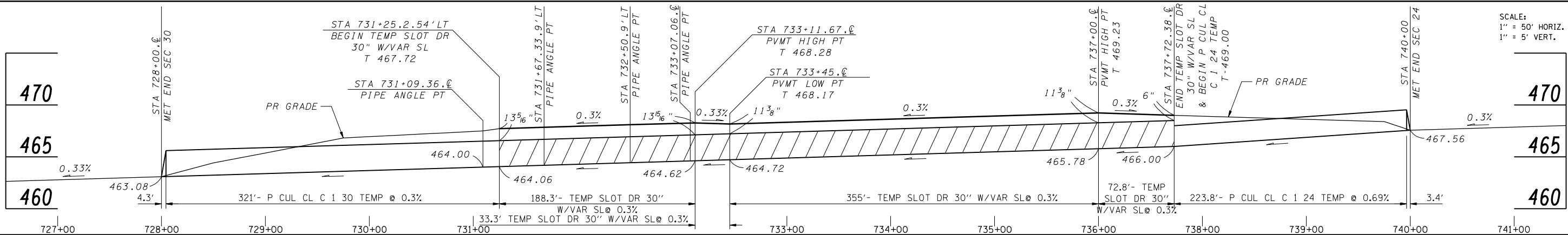
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

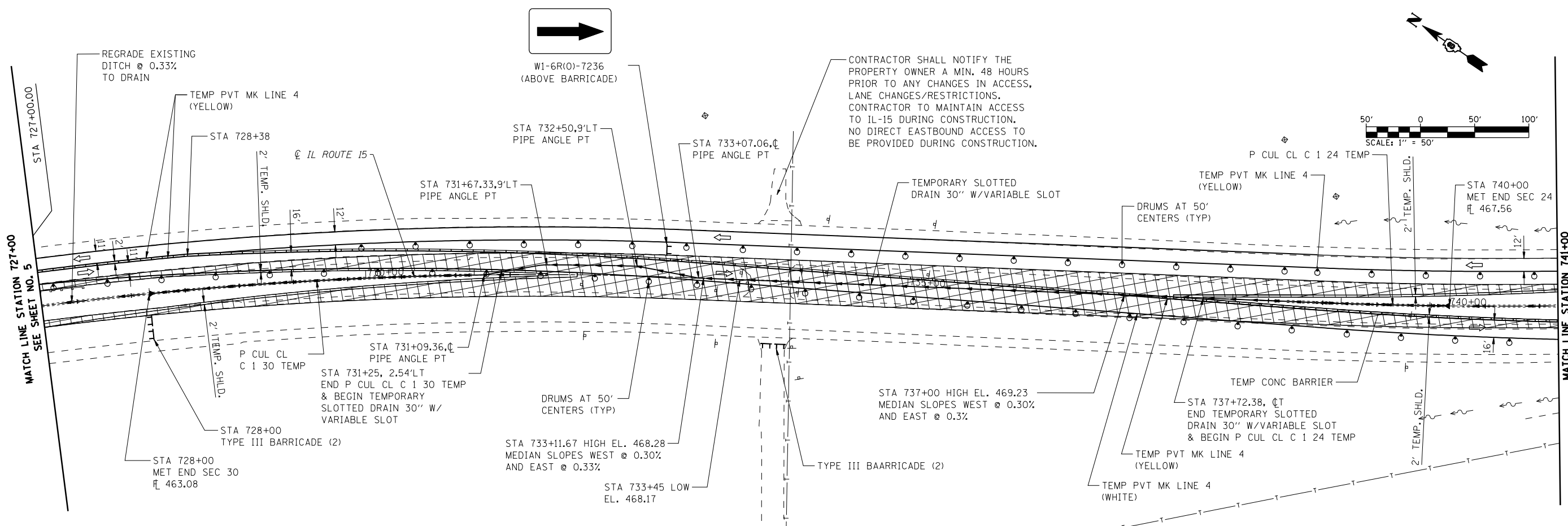
**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1**
SCALE: 1"=50' SHEET NO. 5 OF 7 SHEETS STA. 714+00.00 TO STA. 727+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	39
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

SCALE:
1" = 50' HORIZ.
1" = 5' VERT.



TEMPORARY SEWER PROFILE
(TO BE PLACED DURING PRE-STAGE)



LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR

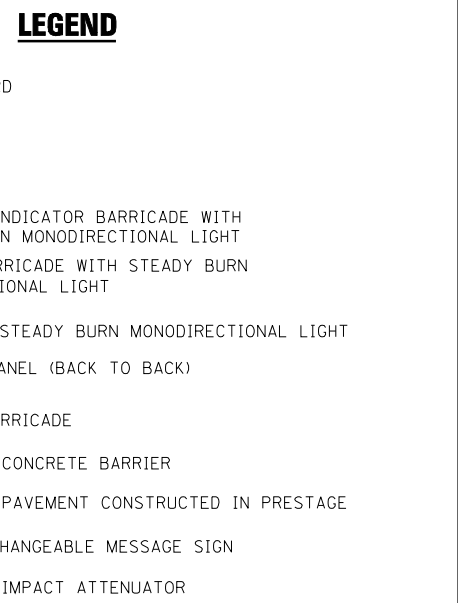
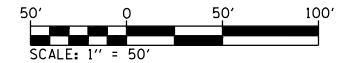
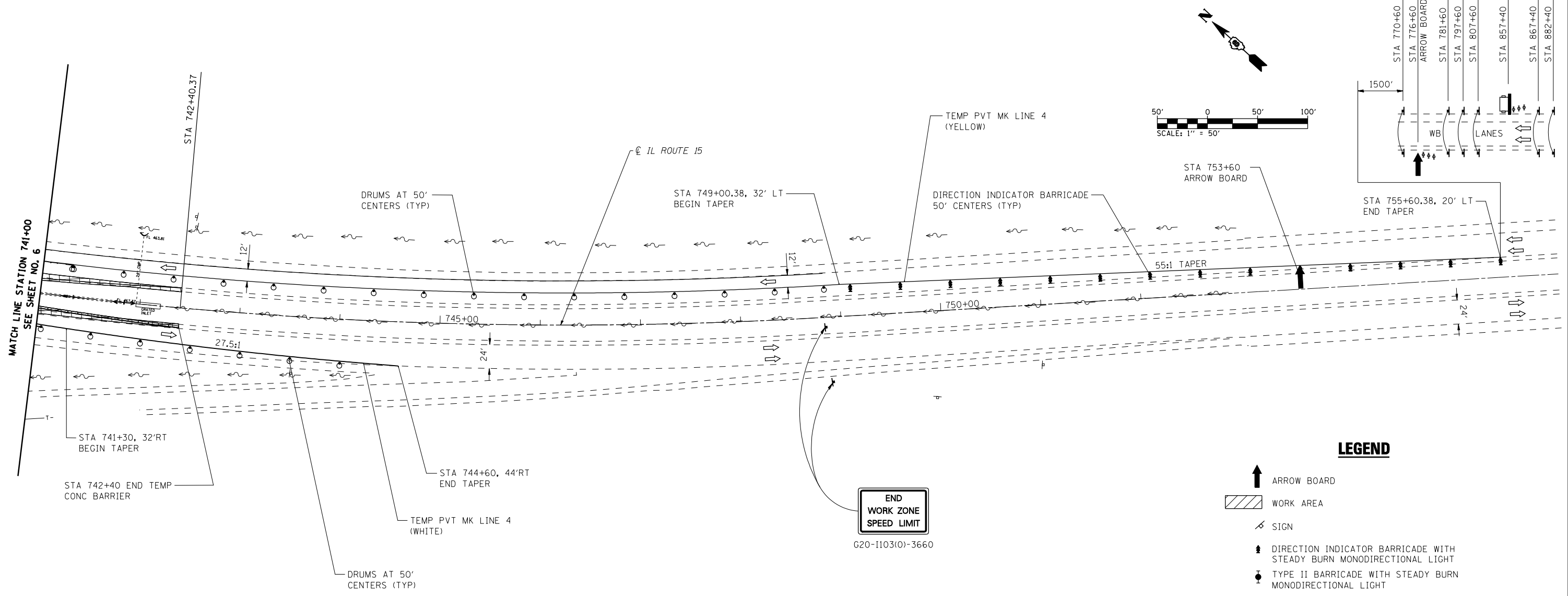
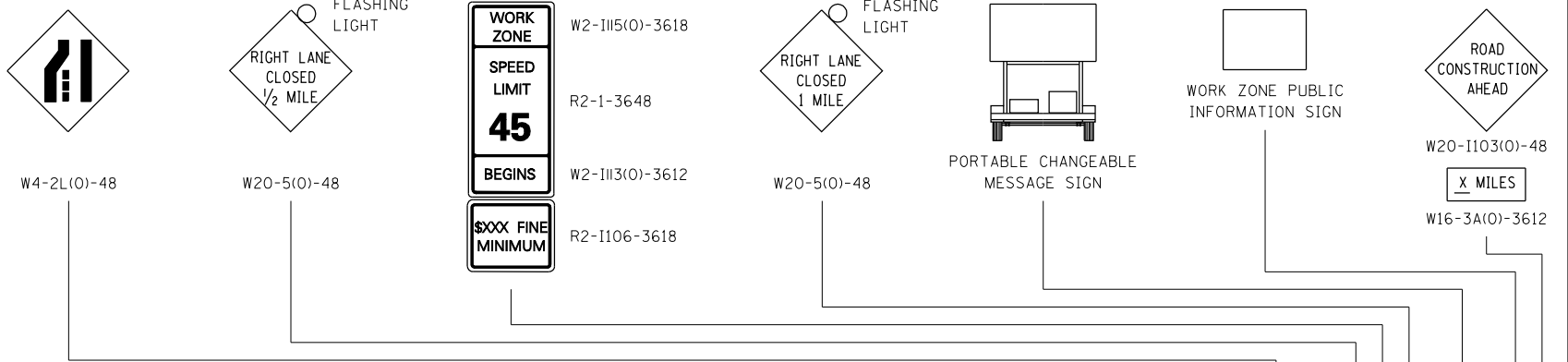
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		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1

SCALE: 1"=50' SHEET NO. 6 OF 7 SHEETS STA. 727+00.00 TO STA. 741+00.00

F.A.P. RTE. 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 40
CONTRACT NO. 76884			ILLINOIS FED. AID PROJECT	



FILE NAME =
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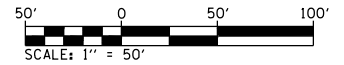
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

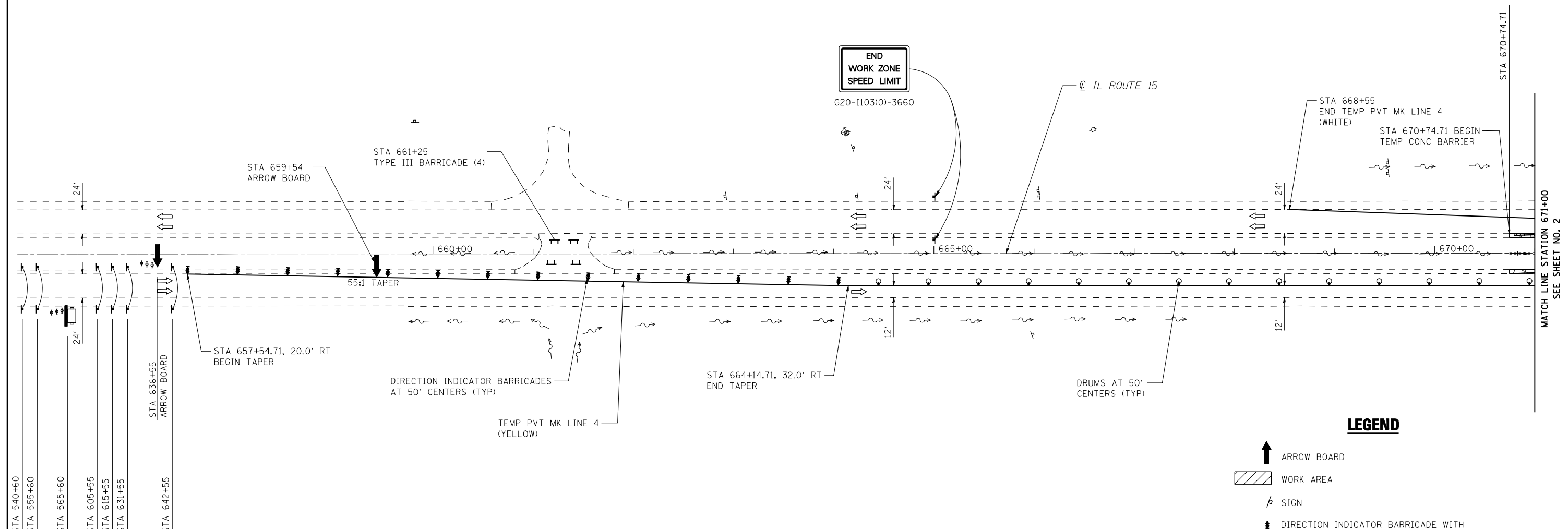
**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1**
SCALE: 1"=50' SHEET NO. 7 OF 7 SHEETS STA. 741+00.00 TO STA. 752+93.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	41
				CONTRACT NO. 76884
ILLINOIS FED. AID PROJECT				

NOTES:
 1. CONTRACTOR SHALL ADJUST LOCATION OF ADVANCED WARNING SIGNS AS DIRECTED BY THE ENGINEER.
 2. IN ADDITION TO SIGNS SHOWN, ALL SIDEROADS SHALL HAVE "ROAD CONSTRUCTION AHEAD" SIGNS. THE COST SHALL BE INCLUDED IN THE TRAFFIC CONTROL STANDARDS FOR THE PROJECT.

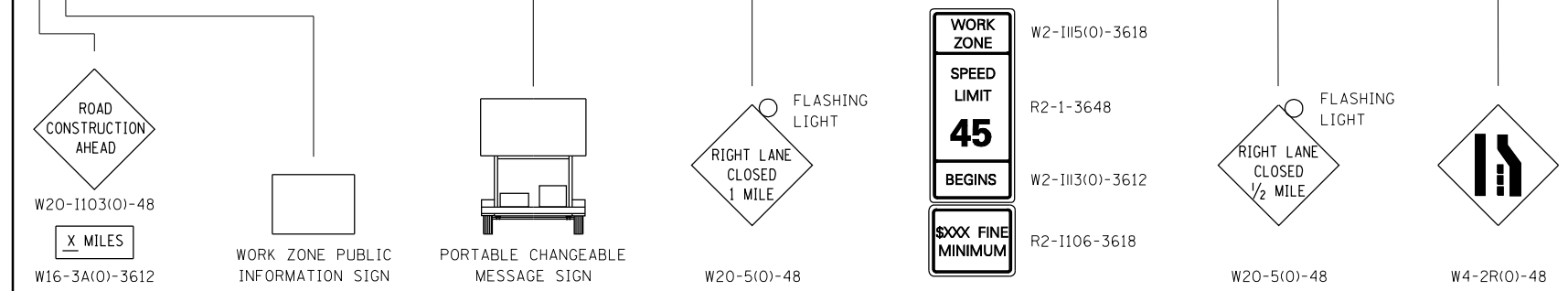


ADVANCED WARNING SIGNS:

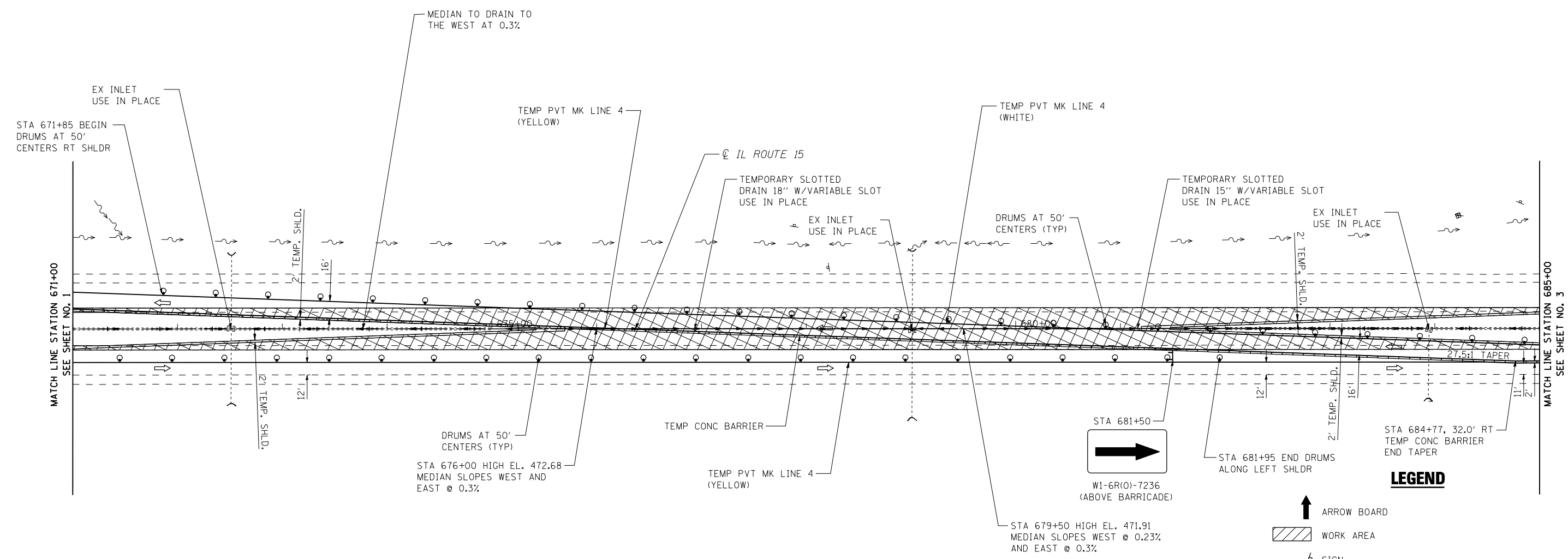
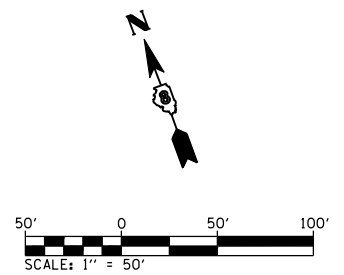


LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR



FILE NAME = D876884-sht-staging2.dgn	USER NAME = rjo	DESIGNED - R.J.O.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 15 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2		F.A.P. RTE. 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 42		
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	PLOT DATE = 10/17/2011	DATE - 10/19/11	REVISED -		REVISED -	ILLINOIS FED. AID PROJECT							



- LEGEND**
- ARROW BOARD
 - WORK AREA
 - SIGN
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
 - VERTICAL PANEL (BACK TO BACK)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
 - PORTABLE CHANGEABLE MESSAGE SIGN
 - TEMPORARY IMPACT ATTENUATOR

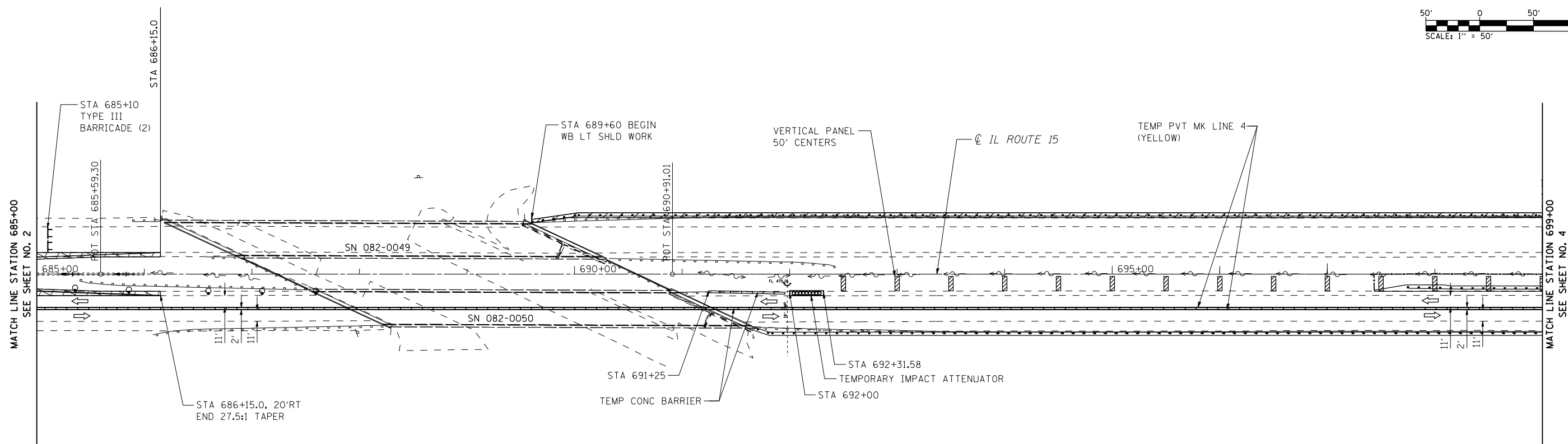
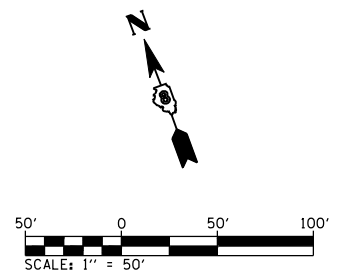
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	PLOT DATE = 10/17/2011	DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2**

SCALE: 1"=50' SHEET NO. 2 OF 7 SHEETS STA. 671+00.00 TO STA. 685+00.00

F.A.P. RTE. 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 43
CONTRACT NO. 76884			ILLINOIS FED. AID PROJECT	



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  VERTICAL PANEL (BACK TO BACK)
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  TEMPORARY IMPACT ATTENUATOR

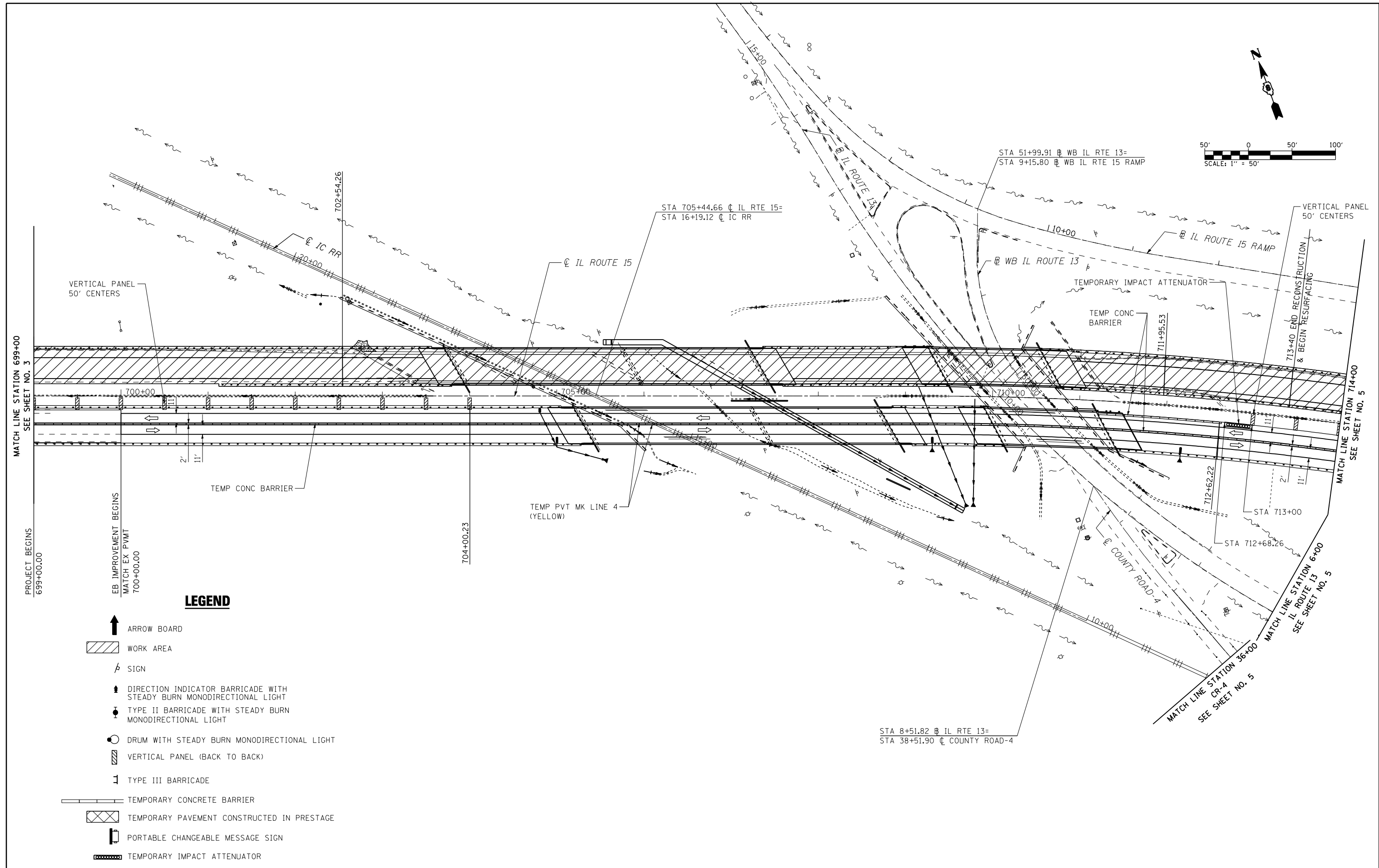
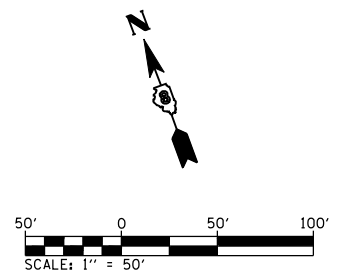
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		DRAWN - R.J.O.	REVISED -
	PLOT SCALE = 100.0028' / IN.	CHECKED - A.T.M.	REVISED -
	PLOT DATE = 10/17/2011	DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2**

SCALE: 1"=50' SHEET NO. 3 OF 7 SHEETS STA. 685+00.00 TO STA. 699+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	44
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR

FILE NAME =
DB76884-sht-staging2.dgn

USER NAME = rjo
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/20/2011

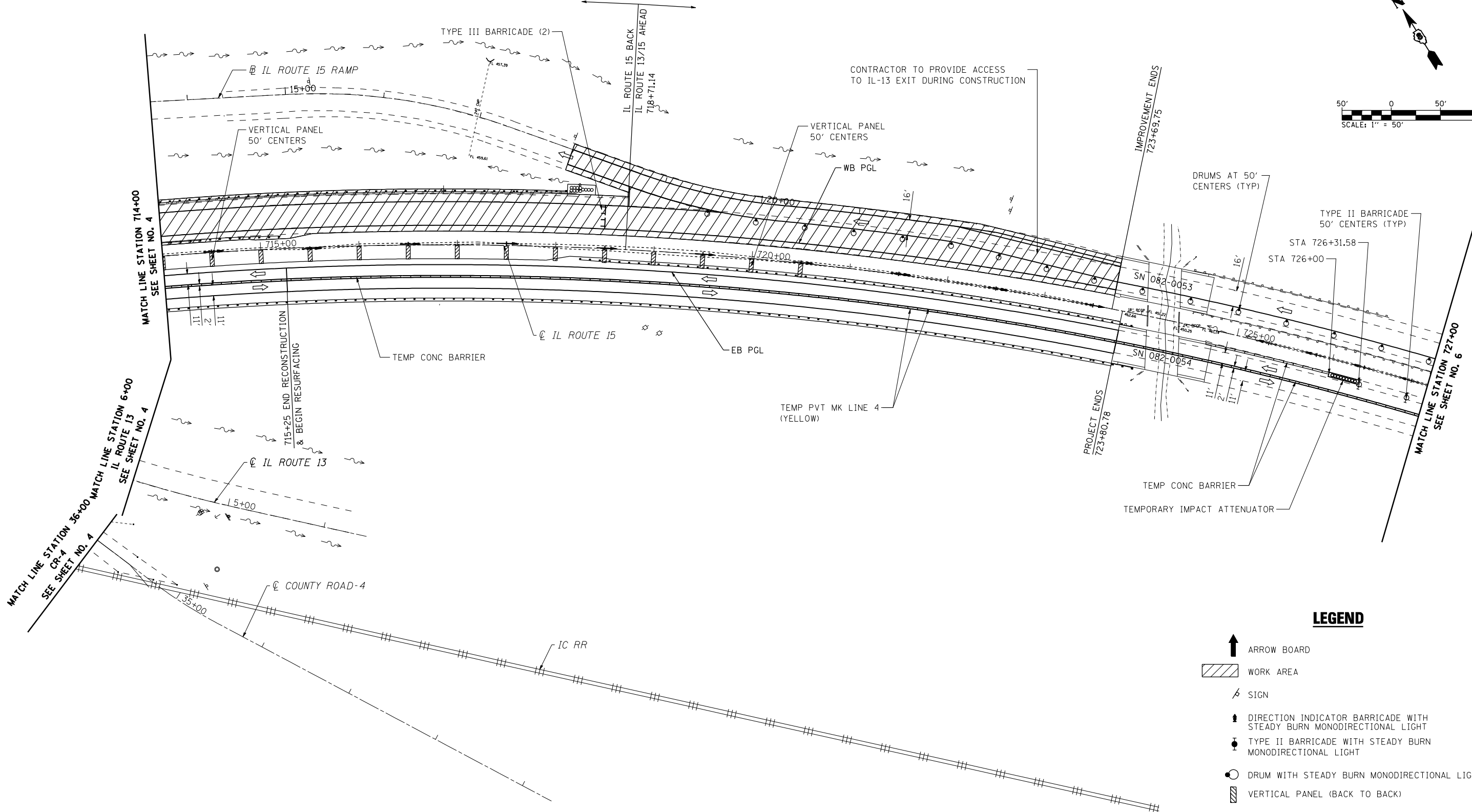
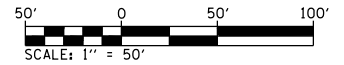
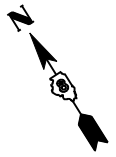
DESIGNED - R.J.O.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

REVISED -
REVISED -
REVISED -
REVISED -


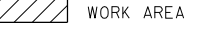






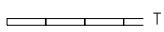



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2**
SCALE: 1"=50' SHEET NO. 4 OF 7 SHEETS STA. 699+00.00 TO STA. 714+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	45
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  VERTICAL PANEL (BACK TO BACK)
-  TYPE III BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  TEMPORARY IMPACT ATTENUATOR

FILE NAME =
D876884.sht-staging2.dgn

USER NAME = rjo
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/20/2011

DESIGNED - R.J.O.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

REVISED -
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REVISED -

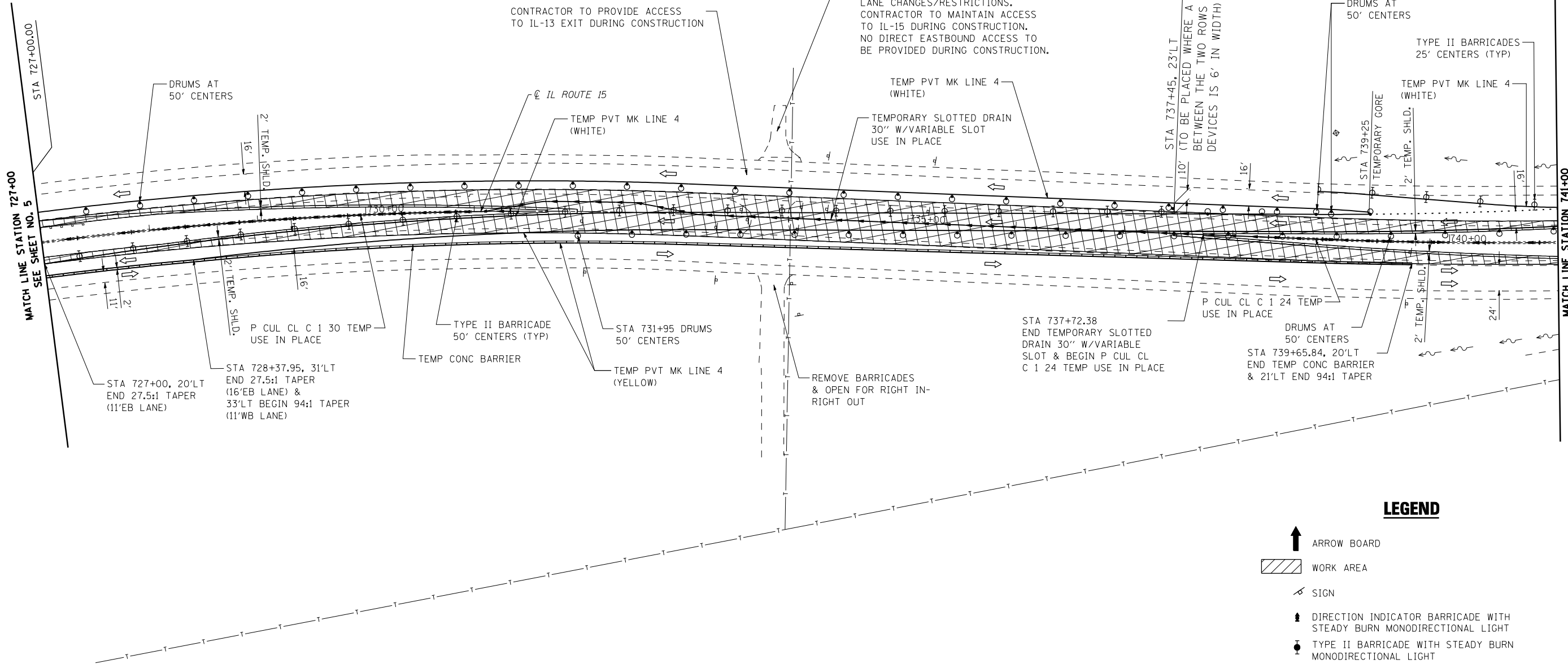
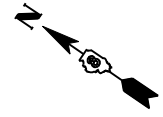
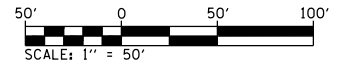
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2**
SCALE: 1"=50' SHEET NO. 5 OF 7 SHEETS STA. 714+00.00 TO STA. 727+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	46
				CONTRACT NO. 76884
ILLINOIS FED. AID PROJECT				



EXIT SIGN - SPECIAL
36x42



CONTRACTOR TO PROVIDE ACCESS TO IL-13 EXIT DURING CONSTRUCTION

CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER A MIN. 48 HOURS PRIOR TO ANY CHANGES IN ACCESS, LANE CHANGES/RESTRICTIONS. CONTRACTOR TO MAINTAIN ACCESS TO IL-15 DURING CONSTRUCTION. NO DIRECT EASTBOUND ACCESS TO BE PROVIDED DURING CONSTRUCTION.

EXIT SIGN - SPECIAL 36x42
TO BE PLACED WHERE A DISTANCE BETWEEN THE TWO ROWS OF CHANNELIZING DEVICES IS 6' IN WIDTH

DRUMS AT 50' CENTERS

TYPE II BARRICADES 25' CENTERS (TYP)

TEMP PVT MK LINE 4 (WHITE)

TEMP PVT MK LINE 4 (WHITE)

TEMPORARY SLOTTED DRAIN 30" W/VARIABLE SLOT USE IN PLACE

TEMP PVT MK LINE 4 (WHITE)

DRUMS AT 50' CENTERS

2' TEMP. SHLD.

MATCH LINE STATION 727+00
SEE SHEET NO. 5

STA 727+00, 20'LT
END 27.5:1 TAPER
(11'EB LANE)

STA 728+37.95, 31'LT
END 27.5:1 TAPER
(16'EB LANE) &
33'LT BEGIN 94:1 TAPER
(11'WB LANE)

P CUL CL C 1 30 TEMP
USE IN PLACE

TYPE II BARRICADE
50' CENTERS (TYP)

TEMP CONC BARRIER

STA 731+95 DRUMS
50' CENTERS

TEMP PVT MK LINE 4
(YELLOW)

REMOVE BARRICADES
& OPEN FOR RIGHT IN-
RIGHT OUT

STA 737+72.38
END TEMPORARY SLOTTED
DRAIN 30" W/VARIABLE
SLOT & BEGIN P CUL CL
C 1 24 TEMP USE IN PLACE

P CUL CL C 1 24 TEMP
USE IN PLACE

DRUMS AT
50' CENTERS

STA 739+65.84, 20'LT
END TEMP CONC BARRIER
& 21'LT END 94:1 TAPER

TEMP PVT MK LINE 4 (WHITE)

2' TEMP. SHLD.

TEMPORARY CORE

STA 739+25

DRUMS AT 50' CENTERS

MATCH LINE STATION 741+00
SEE SHEET NO. 7

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (BACK TO BACK)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
- PORTABLE CHANGEABLE MESSAGE SIGN
- TEMPORARY IMPACT ATTENUATOR

FILE NAME =
D876884\sh\staging2.dgn

USER NAME = rjo
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/17/2011

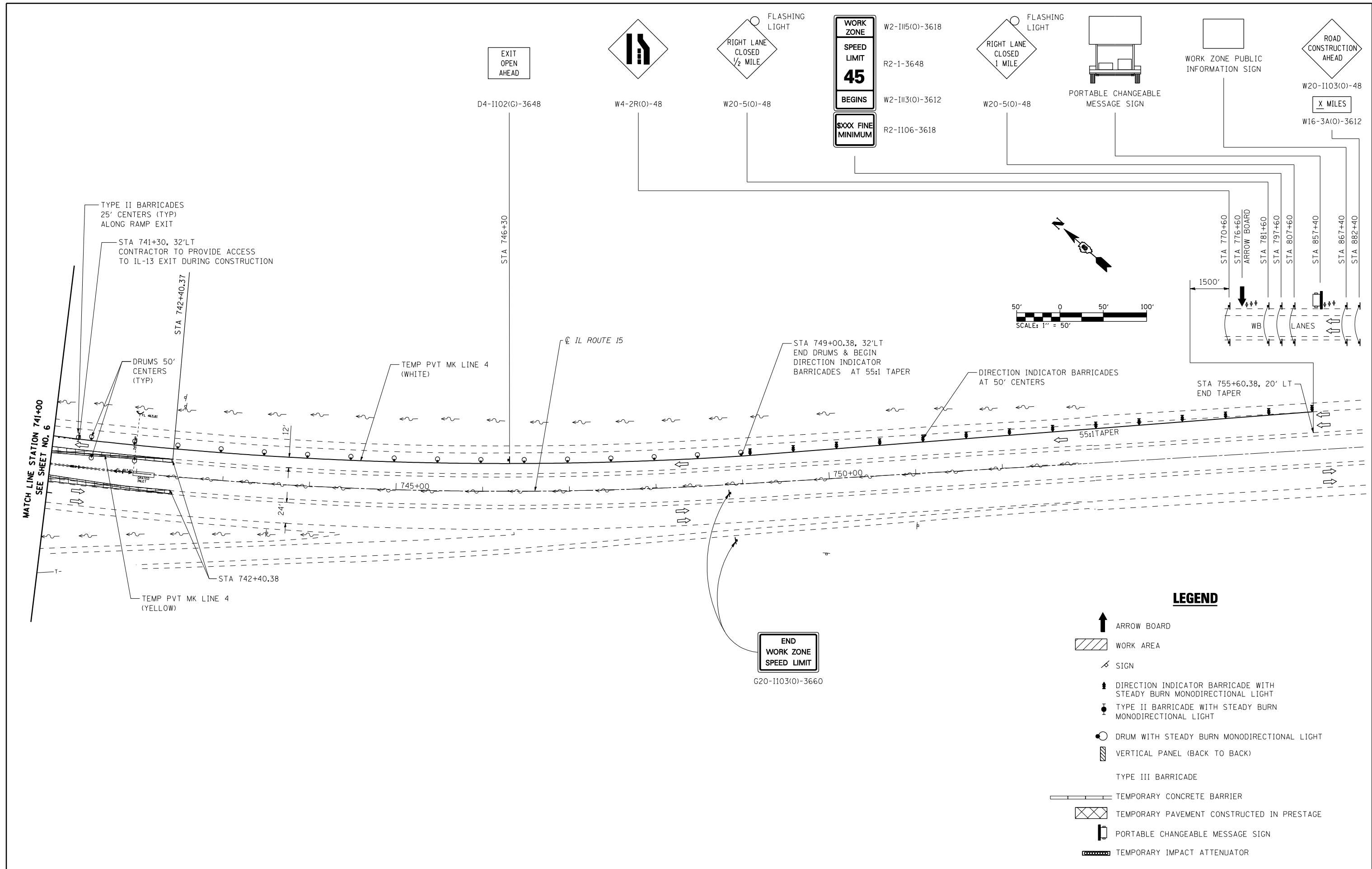
DESIGNED - R.J.O.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

REVISED -
REVISED -
REVISED -
REVISED -

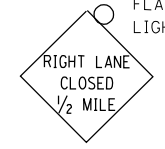
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2**
SCALE: 1"=50' SHEET NO. 6 OF 7 SHEETS STA. 727+00.00 TO STA. 741+00.00

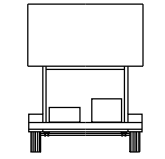
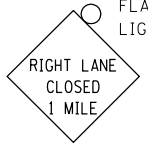
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	47
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



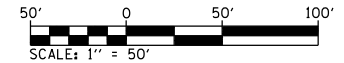
EXIT
OPEN
AHEAD



WORK
ZONE
SPEED
LIMIT
45
BEGINS
XXXX FINE
MINIMUM



WORK ZONE PUBLIC
INFORMATION SIGN



- LEGEND**
- ARROW BOARD
 - WORK AREA
 - SIGN
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
 - VERTICAL PANEL (BACK TO BACK)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE
 - PORTABLE CHANGEABLE MESSAGE SIGN
 - TEMPORARY IMPACT ATTENUATOR

FILE NAME =
D876884-sht-staging2.dgn

USER NAME = rjo
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/17/2011

DESIGNED - R.J.O.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

REVISED -
REVISED -
REVISED -
REVISED -

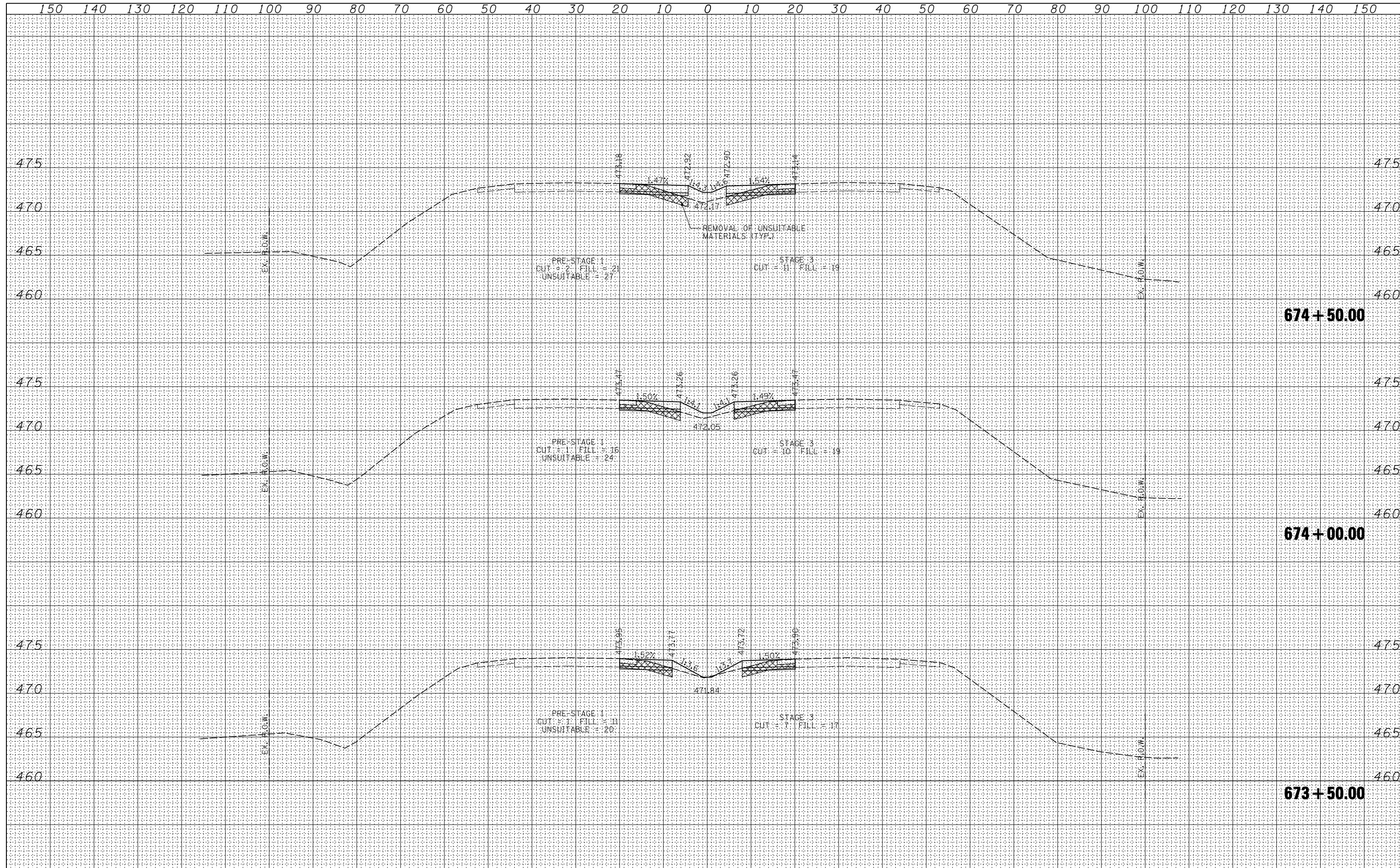
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2**
SCALE: 1"=50' SHEET NO. 7 OF 7 SHEETS STA. 741+00.00 TO STA. 752+93.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	48
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = D876884-IL15-sht-xssht-MDT.dgn

USER NAME = thompsrd	DESIGNED - RDT	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN - RDT	REVISED -
PLOT DATE = 10/20/2011	CHECKED - GC	REVISED -
	DATE - 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

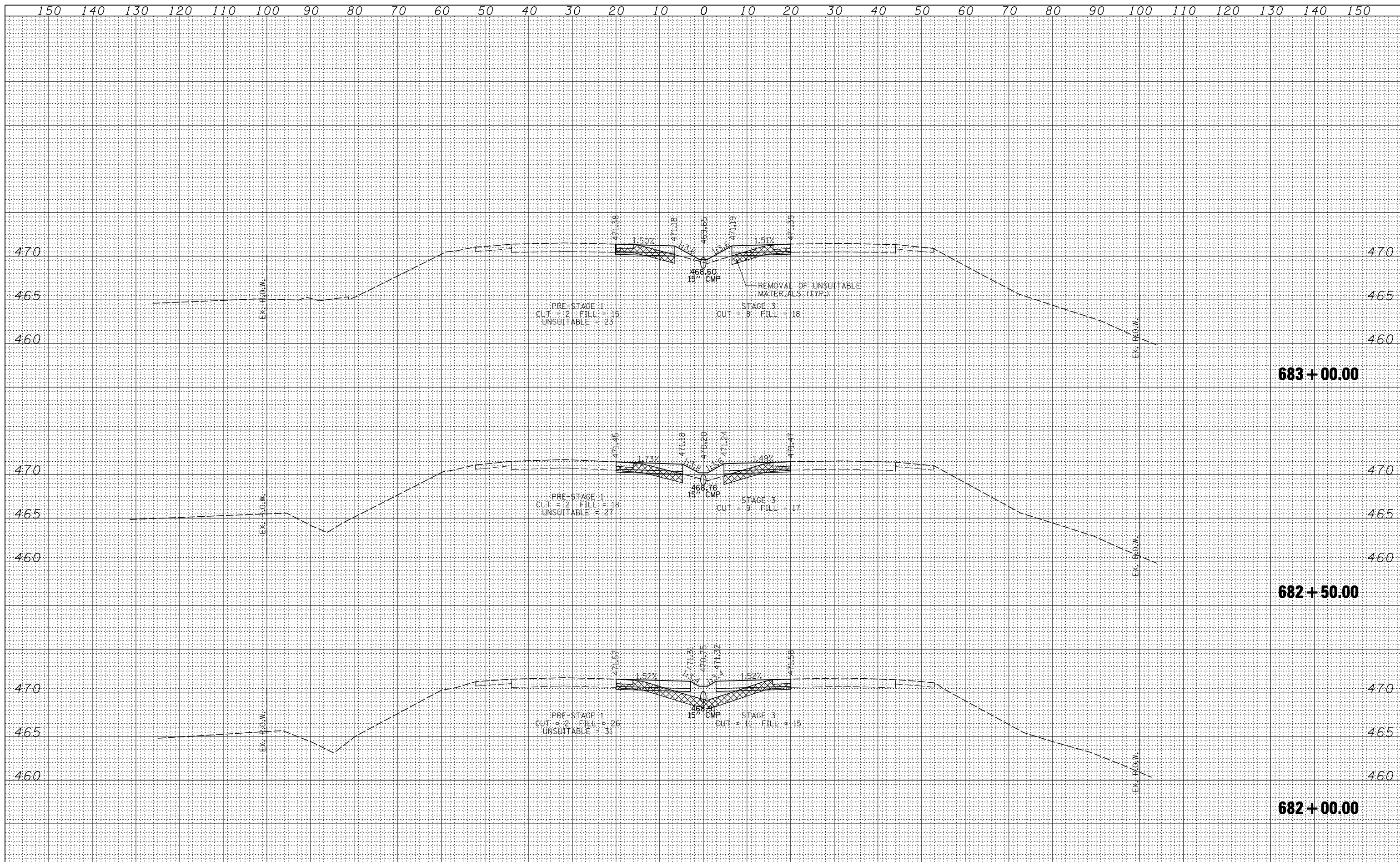
TEMPORARY CROSSOVERS CROSS SECTIONS

SCALE: SHEET NO. 3 OF 20 SHEETS STA. 673+50.00 TO STA. 674+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	51
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BY	DATE

ORIGINAL SURVEY	NO.
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



FILE NAME =	D876884-IL15-sht-xsht-MDT.dgn
USER NAME =	thompson
DESIGNED -	RD
DRAWN -	RD
CHECKED -	GC
DATE -	10-19-11

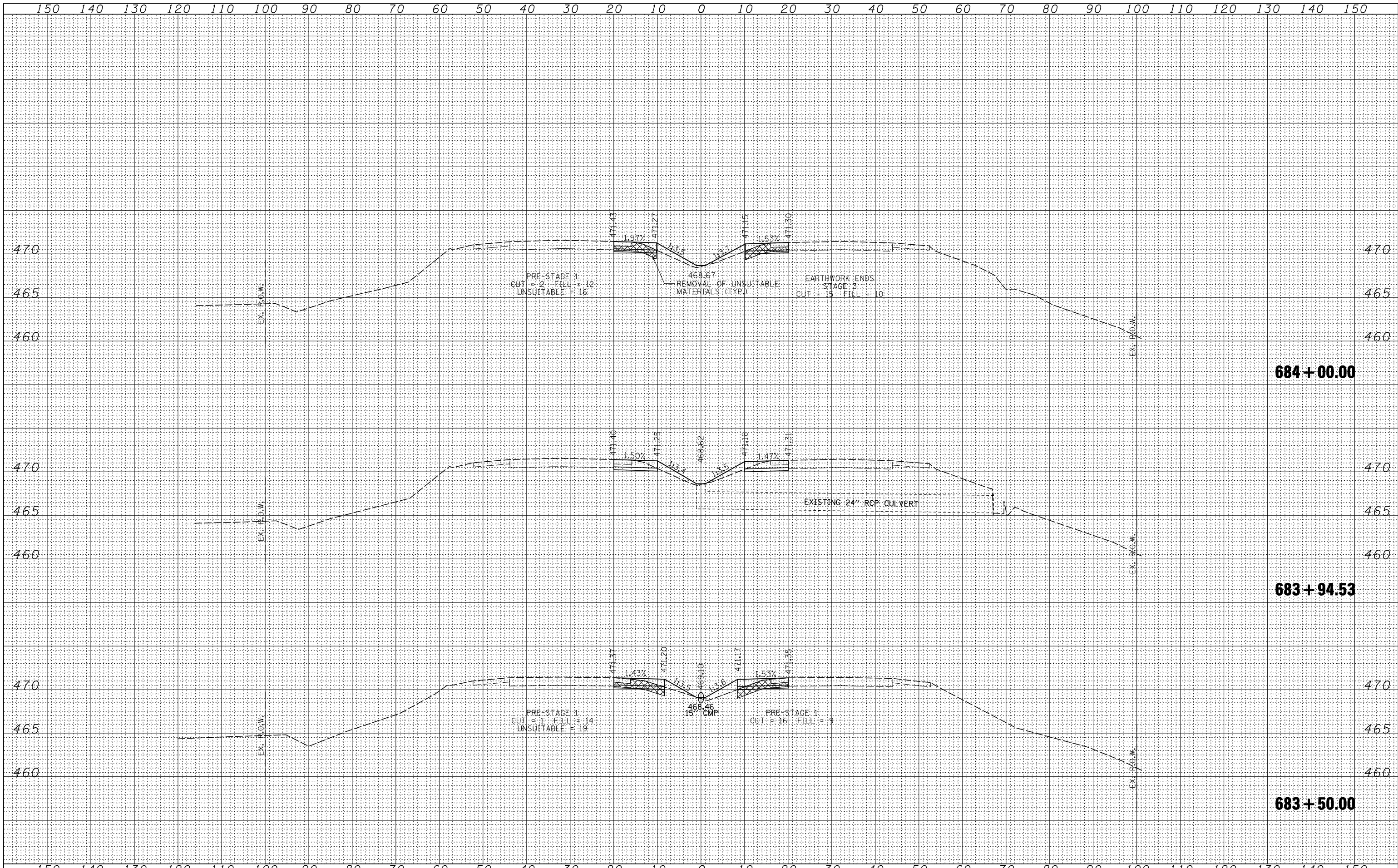
DESIGNED -	RD
REVISIONS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CROSSOVERS CROSS SECTIONS

SCALE: SHEET NO. 9 OF 20 SHEETS STA. 682+00.00 TO STA. 683+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	57
CONTRACT NO. 76884				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

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

FILE NAME = D876884-IL15-sht-xssht-MDT.dgn
 USER NAME = thompsrd
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = 10/20/2011

DESIGNED - RDT	REVISIED -
DRAWN - RDT	REVISIED -
CHECKED - GC	REVISIED -
DATE - 10-19-11	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

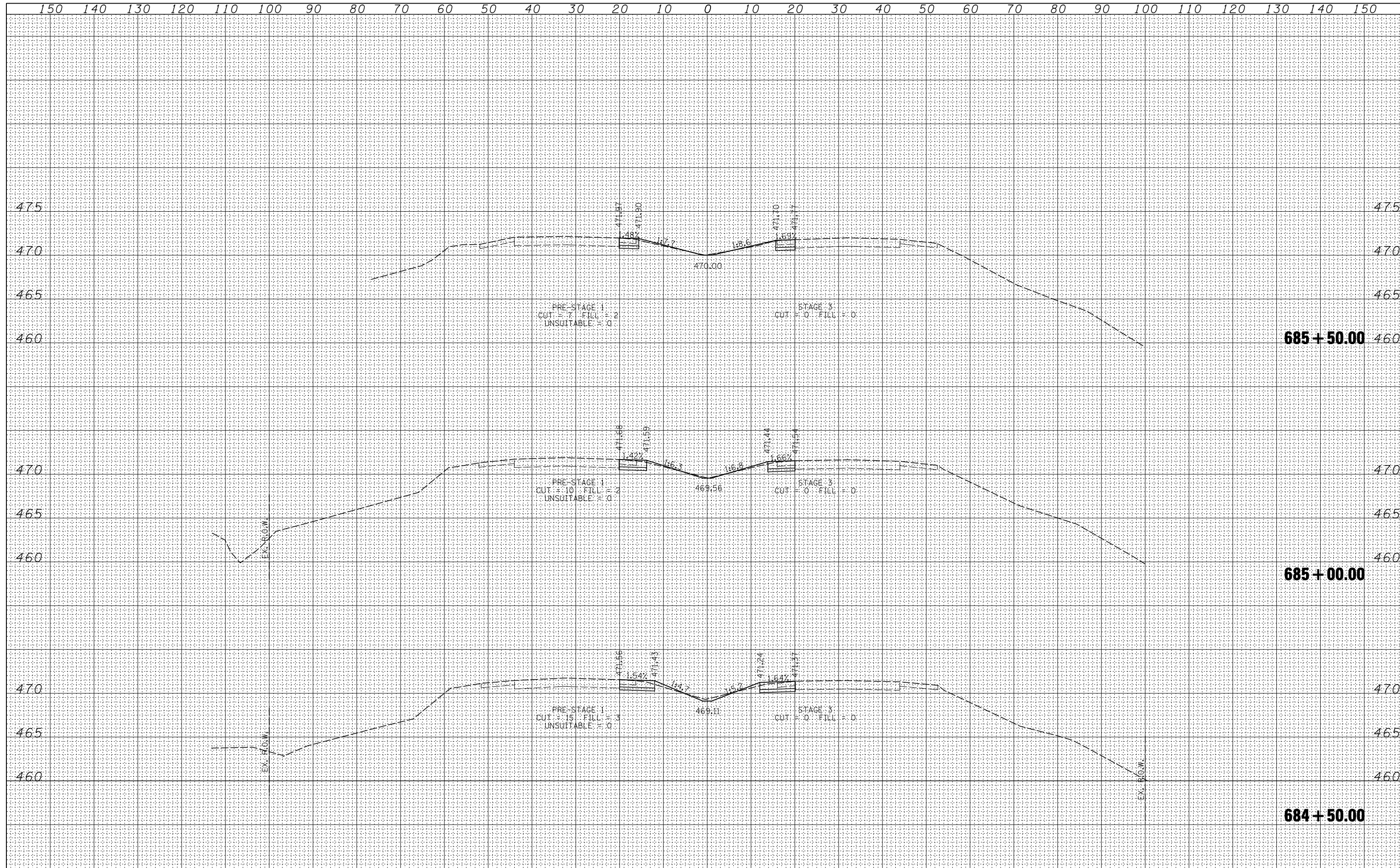
TEMPORARY CROSSOVERS CROSS SECTIONS

SCALE: SHEET NO. 10 OF 20 SHEETS STA. 683+50.00 TO STA. 684+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	58
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
D876884-IL15-sht-xsht-MDT.dgn

USER NAME = thompard
DESIGNED - RDT
DRAWN - RDT
CHECKED - GC
DATE - 10-19-11

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

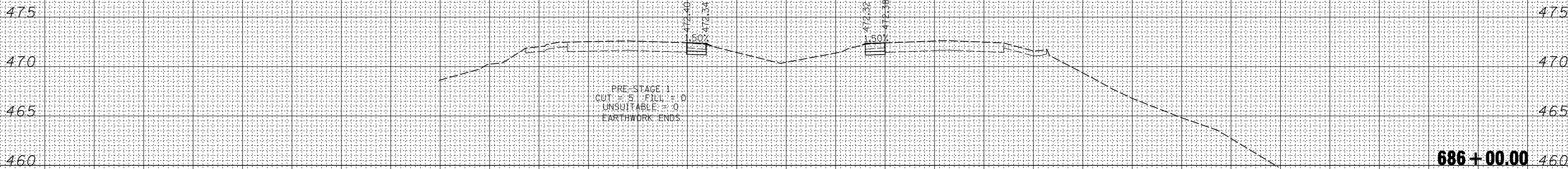
TEMPORARY CROSSOVERS CROSS SECTIONS
SCALE: SHEET NO. 11 OF 20 SHEETS STA. 684+50.00 TO STA. 685+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	59
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = D876884-IL15-sht-xssht-MDT.dgn

USER NAME = thompso	DESIGNED - RDT	REVISED -
	DRAWN - RDT	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED - GC	REVISED -
PLOT DATE = 10/20/2011	DATE - 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

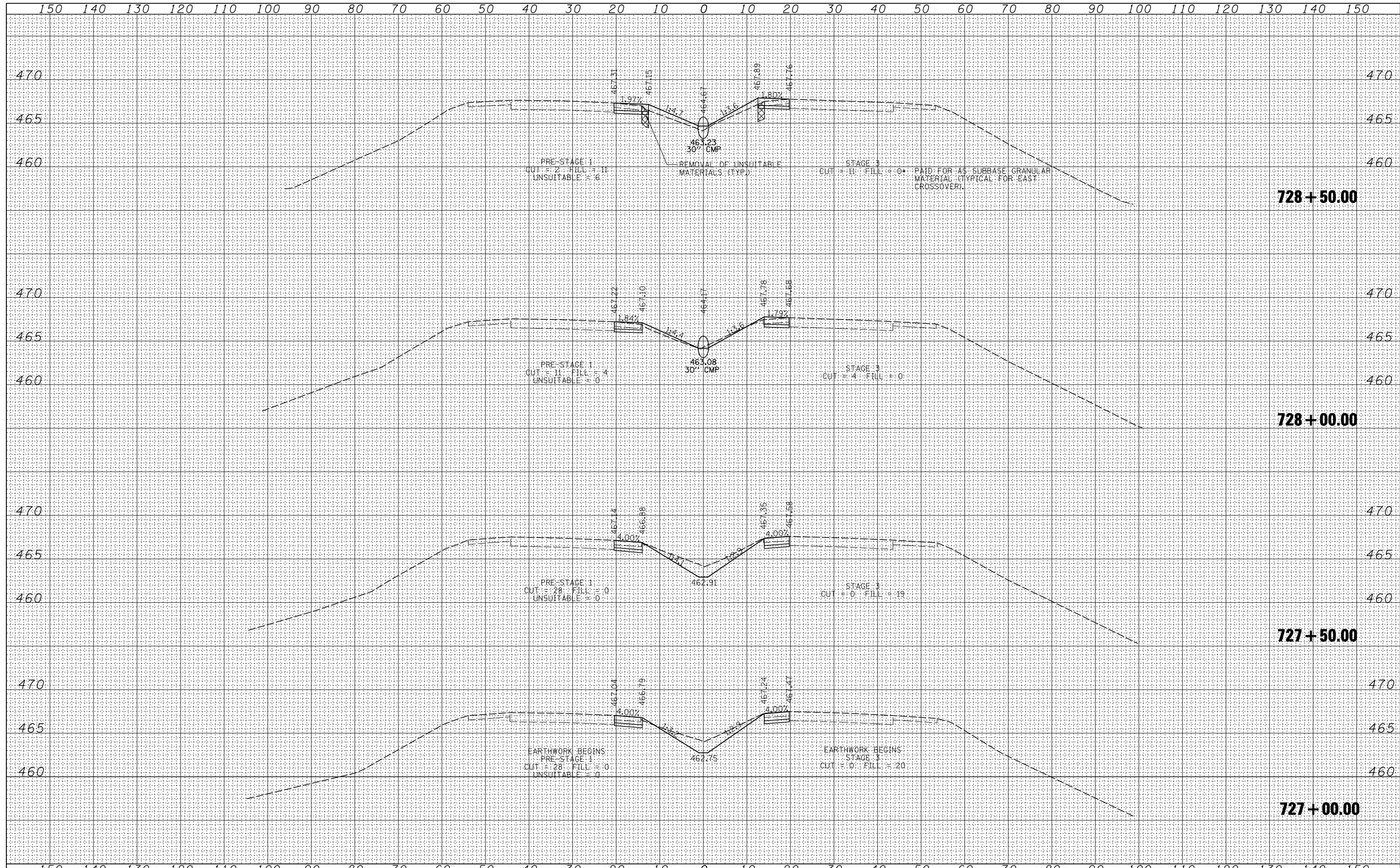
TEMPORARY CROSSOVERS CROSS SECTIONS

SCALE: SHEET NO. 12 OF 20 SHEETS STA. 686+00.00 TO STA. 686+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	60
				CONTRACT NO. 76884
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

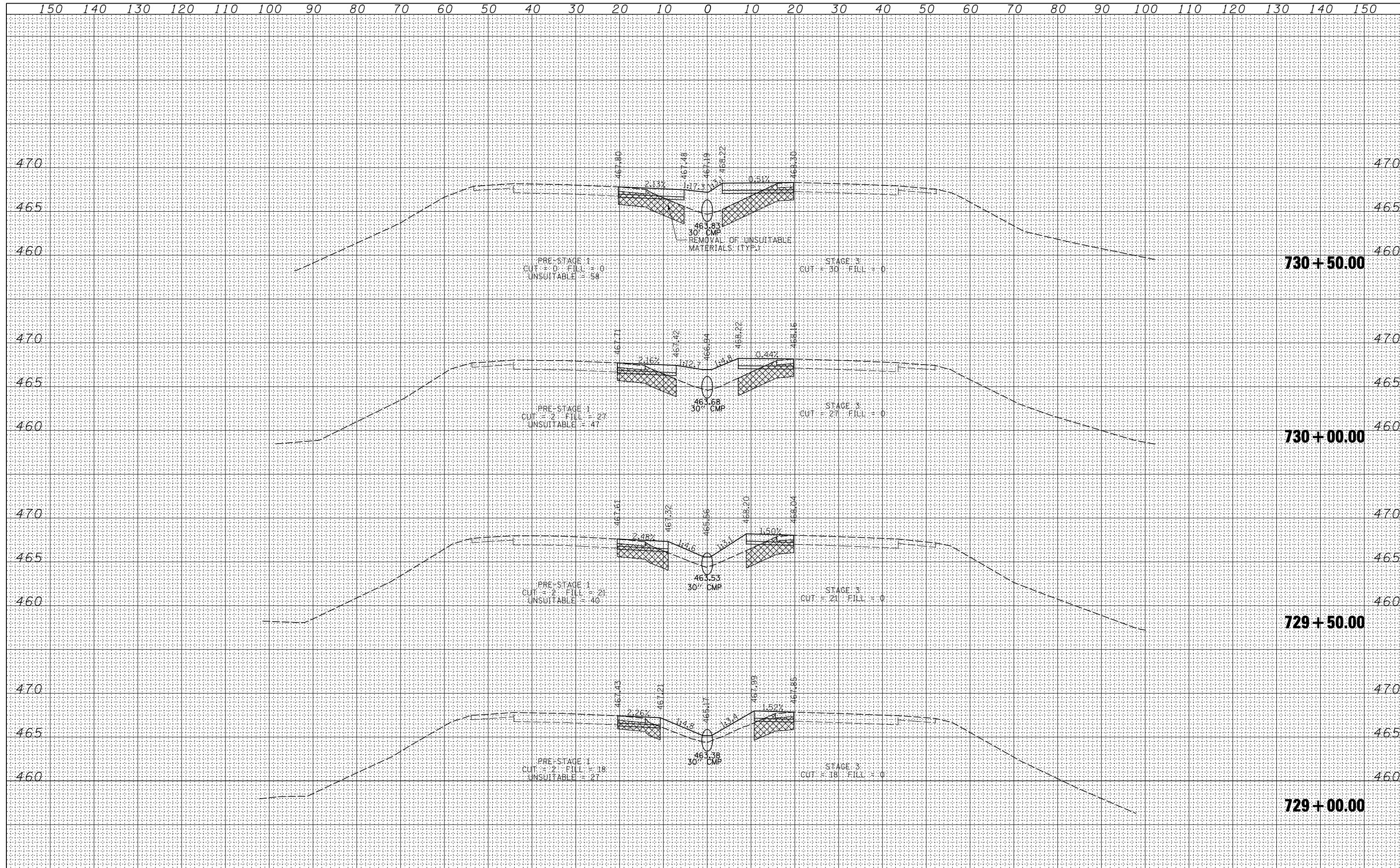


FILE NAME =	USER NAME = thompsrd	DESIGNED - RDT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CROSSOVERS CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D876884-IL15-sht-xssht-MDT.dgn		DRAWN - RDT	REVISED -			103	27-1-VHB-1	ST. CLAIR	277	61	
PLOT SCALE = 20.0000' / IN.		CHECKED - GC	REVISED -			CONTRACT NO. 76884					
PLOT DATE = 10/20/2011		DATE - 10-19-11	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: SHEET NO. 13 OF 20 SHEETS STA. 727+50.00 TO STA. 728+50.00

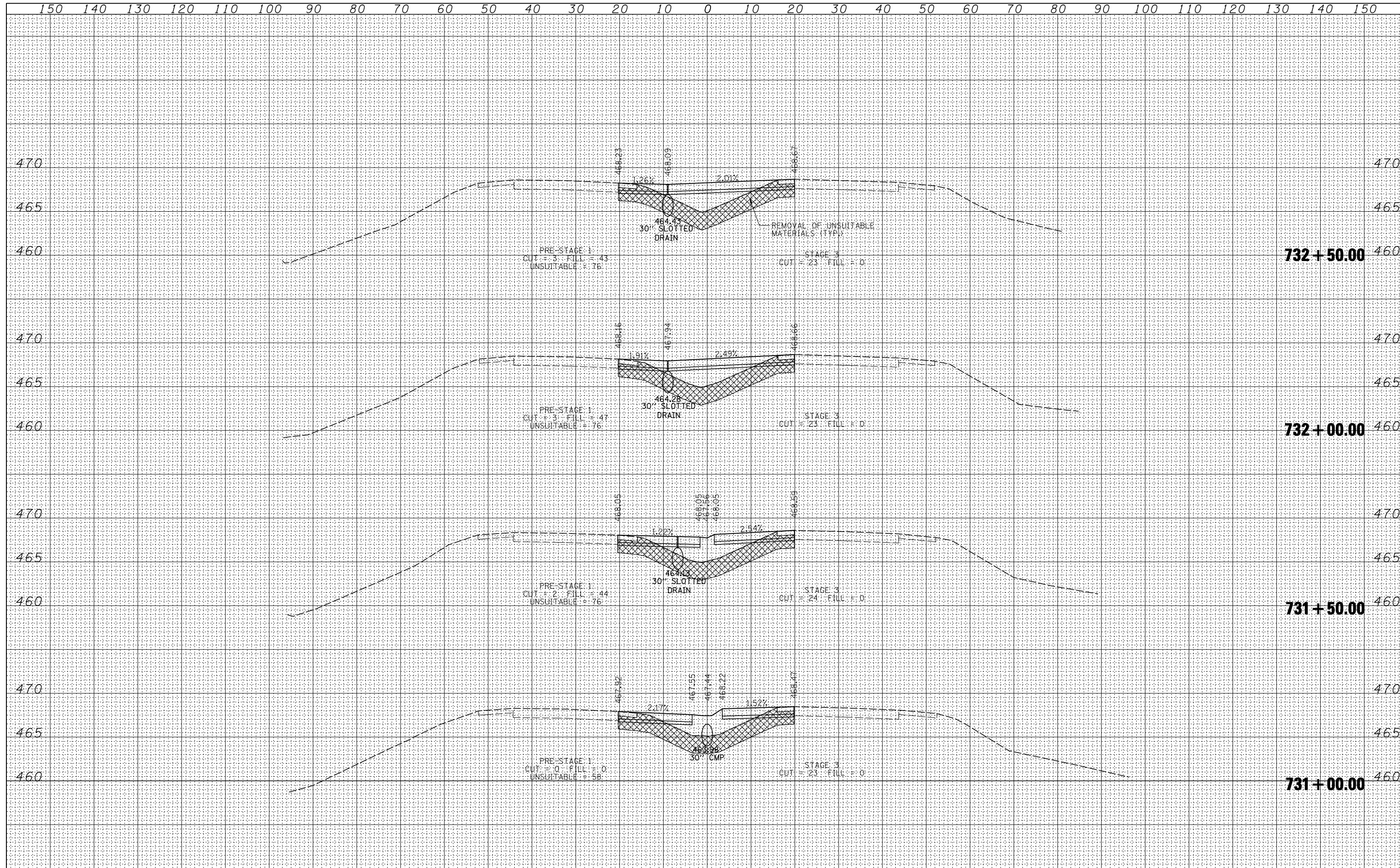
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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DATE	
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DATE	
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DATE	
BY	
SURVEYED	
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TEMPLATE	
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FILE NAME = D876884-IL15-sht-xssht-MDT.dgn

USER NAME = thompsrd	DESIGNED - RDT	REVISED -
	DRAWN - RDT	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED - RDT	REVISED -
PLOT DATE = 10/20/2011	DATE - 10-19-11	REVISED -

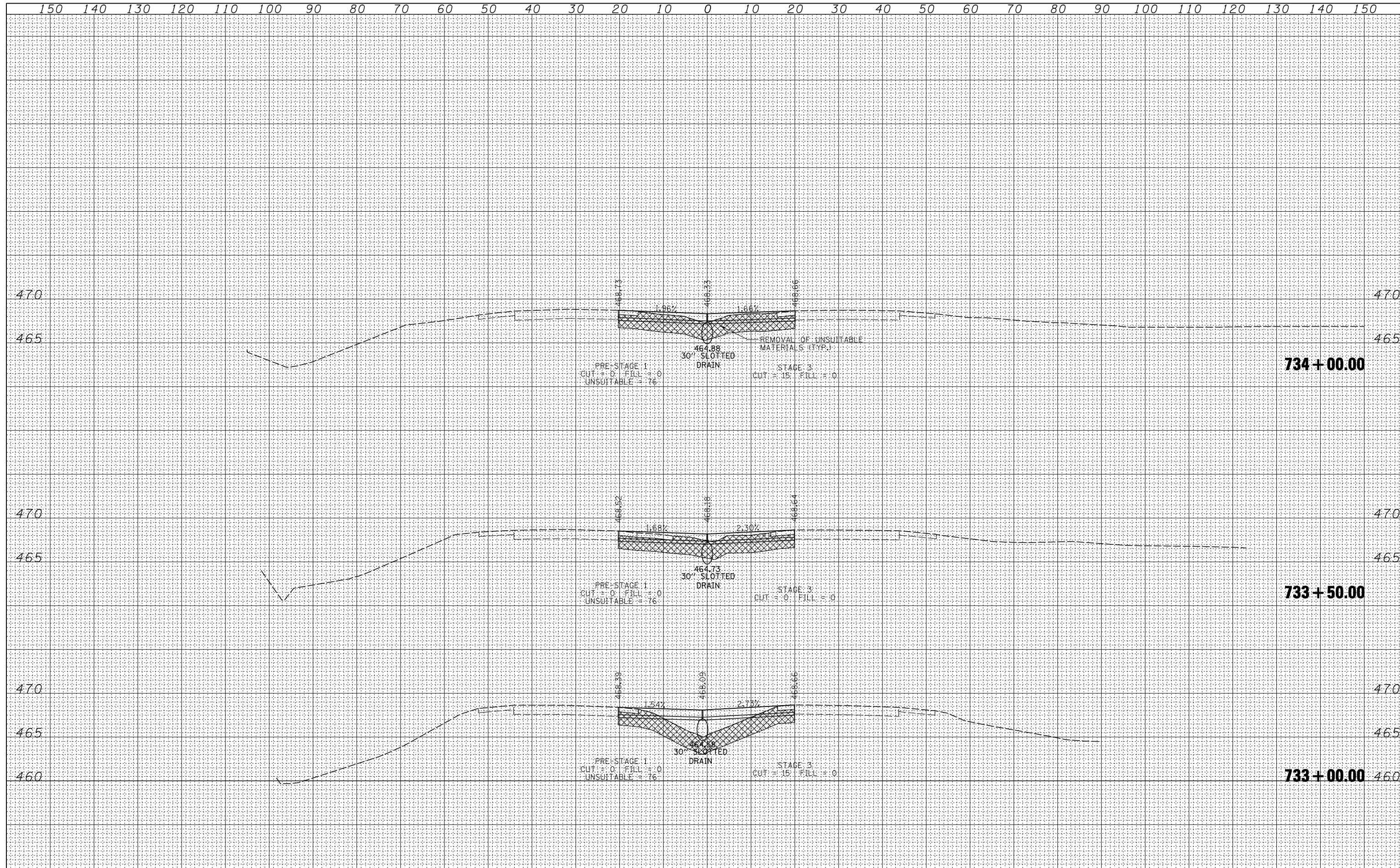
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY CROSSOVERS CROSS SECTIONS

SCALE: SHEET NO. 15 OF 20 SHEETS STA. 731+00.00 TO STA. 732+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	63
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

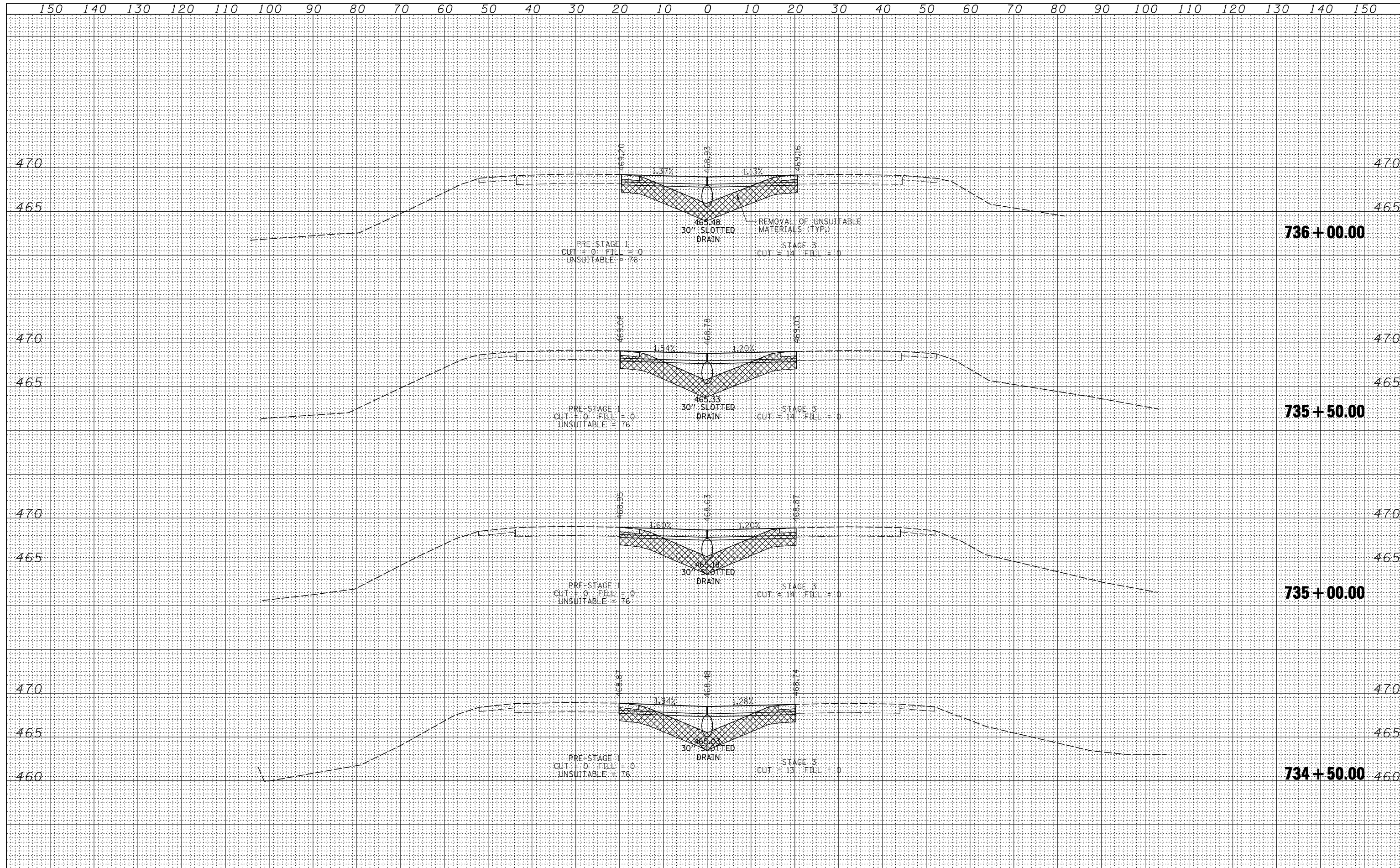
BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINISHED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINISHED	
NO.	



FILE NAME = D876884-IL15-sht-xssht-MDT.dgn

USER NAME = thompsrd	DESIGNED - RDT	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN - RDT	REVISED -
PLOT DATE = 10/20/2011	CHECKED - GC	REVISED -
	DATE - 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

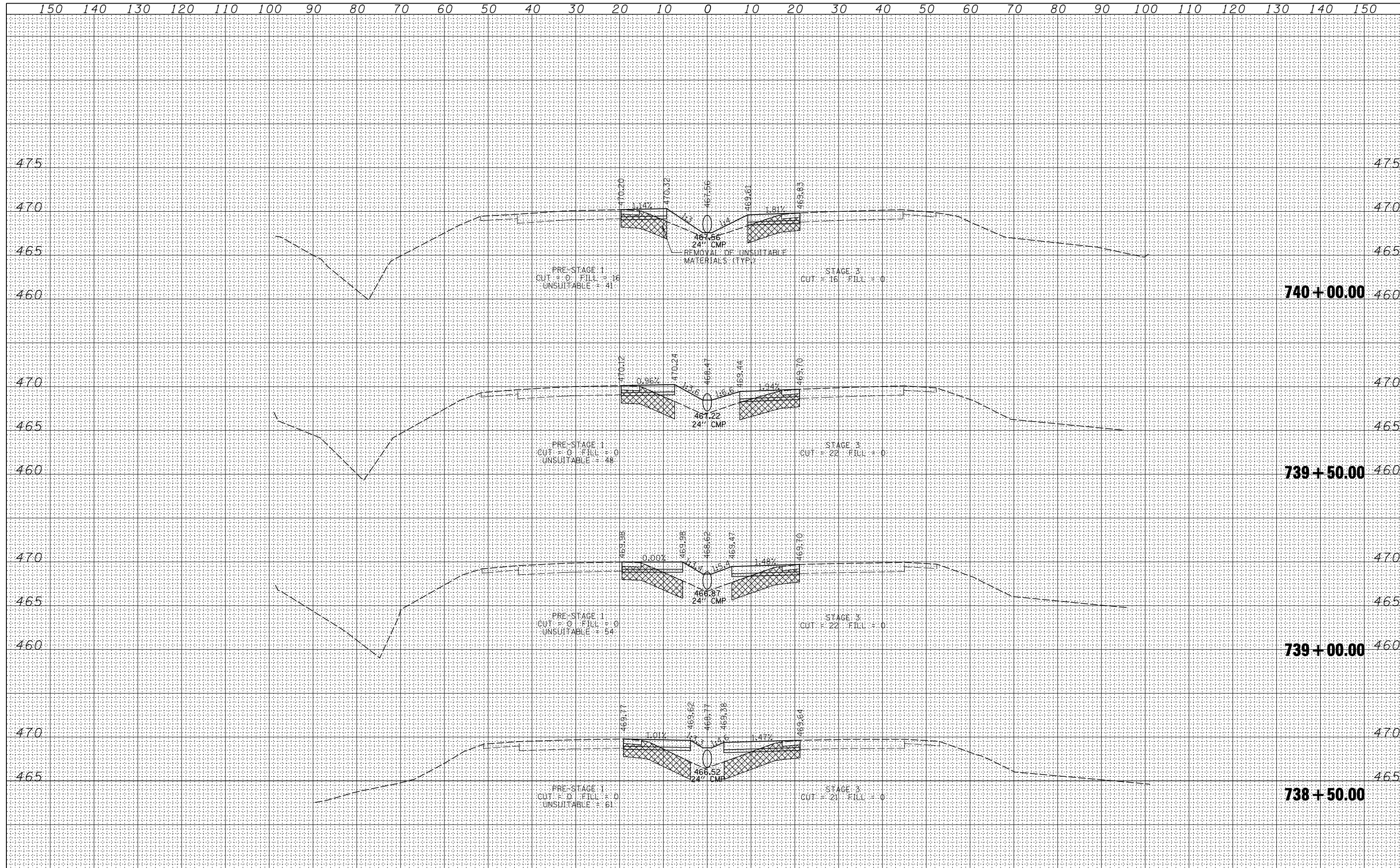
TEMPORARY CROSSOVERS CROSS SECTIONS

SCALE: SHEET NO. 17 OF 20 SHEETS STA. 734+50.00 TO STA. 736+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	65
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

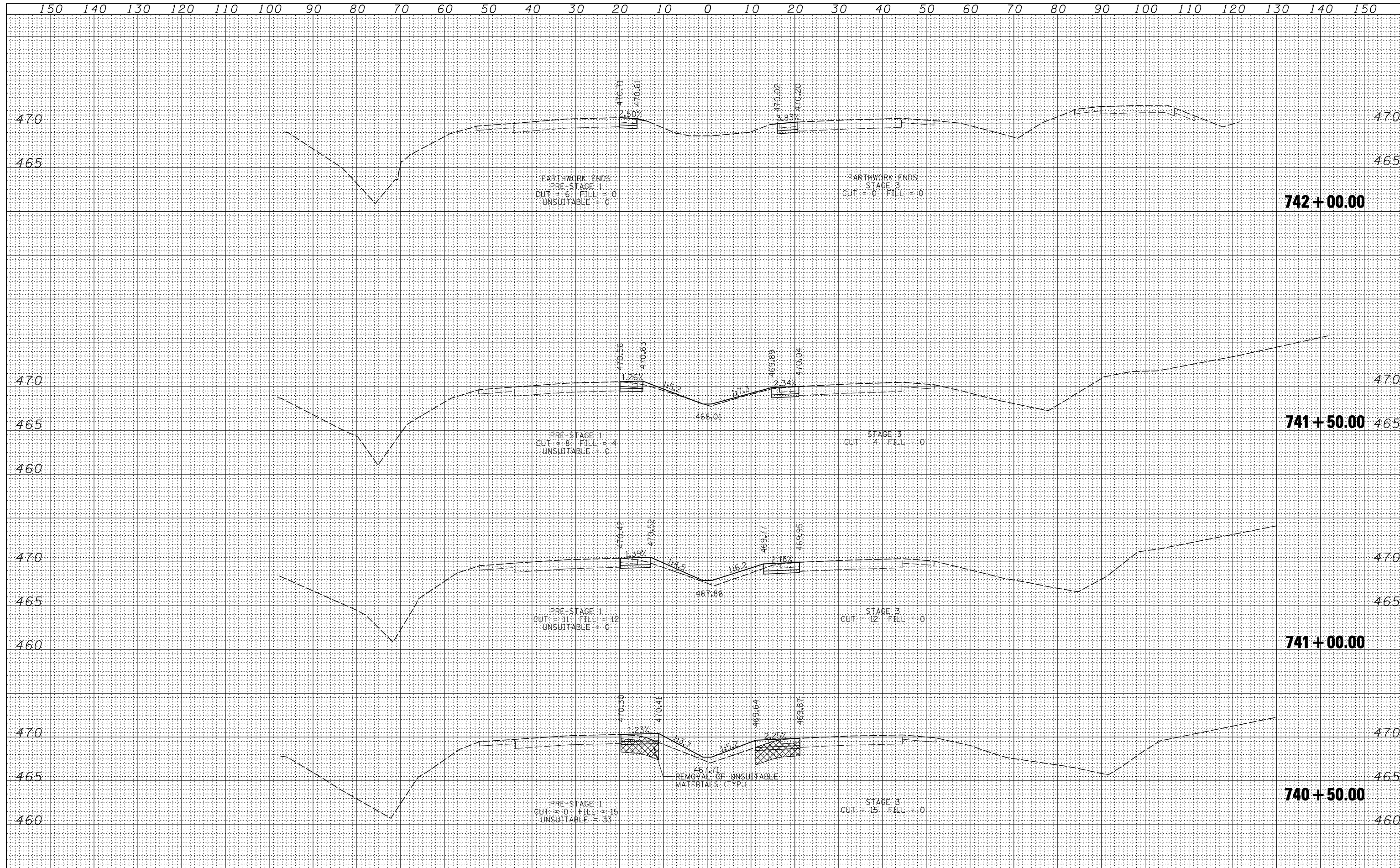
DATE	
BY	
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NOTE BOOK	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



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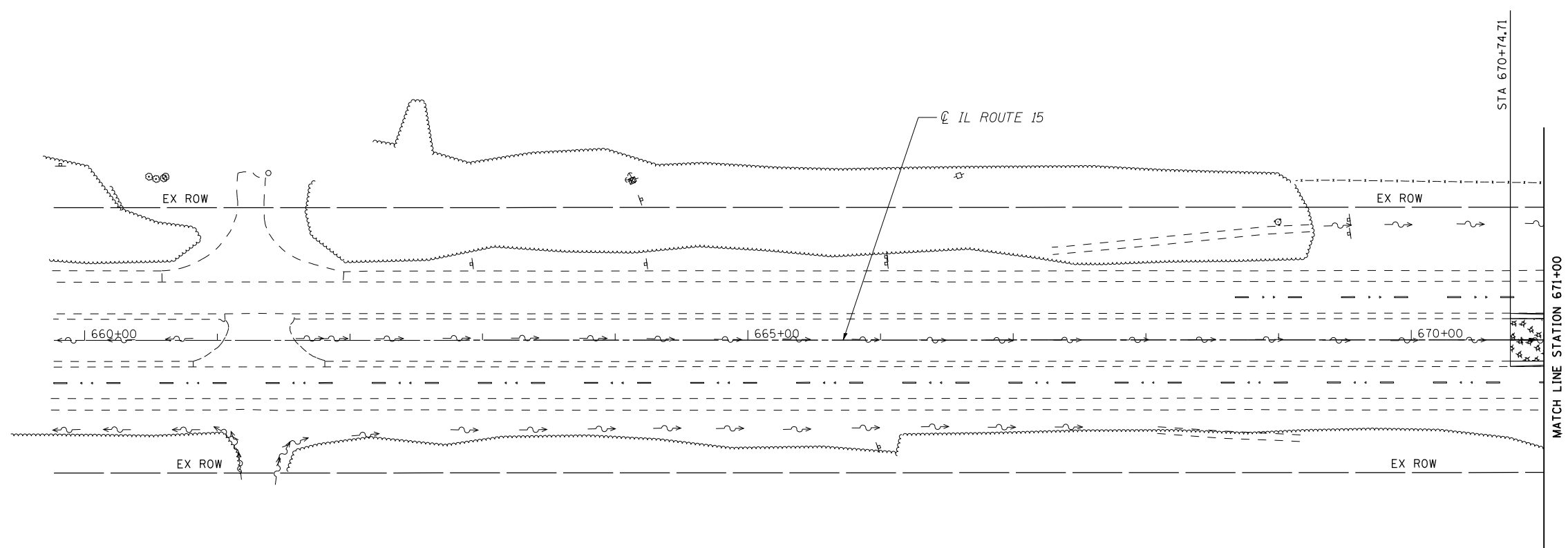
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PLOT DATE = 10/20/2011	DATE - 10-19-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY CROSSOVERS CROSS SECTIONS

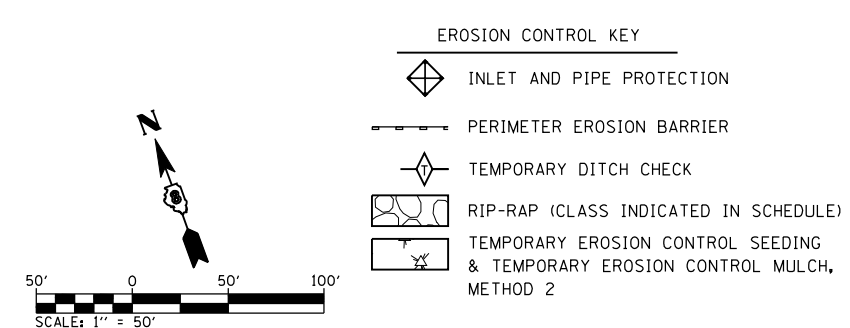
SCALE: SHEET NO. 20 OF 20 SHEETS STA. 738+50.00 TO STA. 740+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	68
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

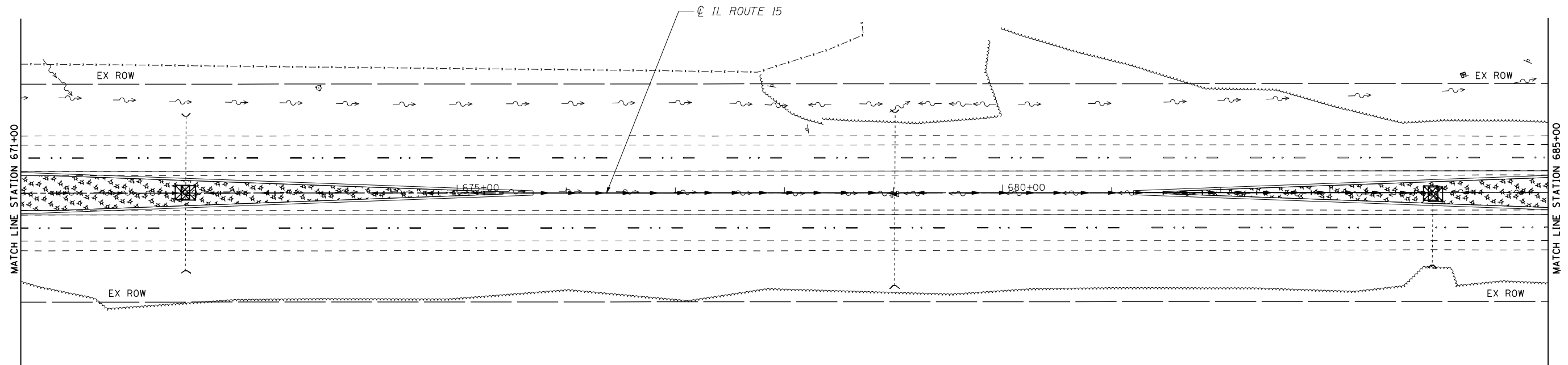


EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
2. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
3. TEMPORARY DITCH CHECK, GEOTEXTILES, ROLLED EXCELSIOR, SILT WEDGES, PANELS SHALL BE LOCATED AT EVERY 1.5 FT FALL/RISE IN DITCH GRADE.
4. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3 - REMOVE AT END OF CONSTRUCTION.
5. TEMPORARY SEEDING SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING" AND NO OTHER PAYMENT WILL BE PERMITTED. FOR CALCULATION PURPOSES, THREE APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.
6. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED AT THE CONTRACTOR'S EXPENSE.
7. SEE FINAL SEEDING PLAN FOR PERMANENT EROSION CONTROL MEASURES TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.
8. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
9. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.

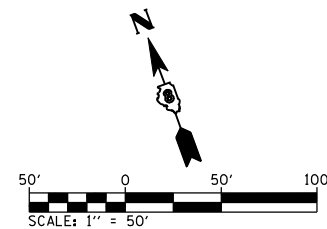


TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	24"	150
	24"	200



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2



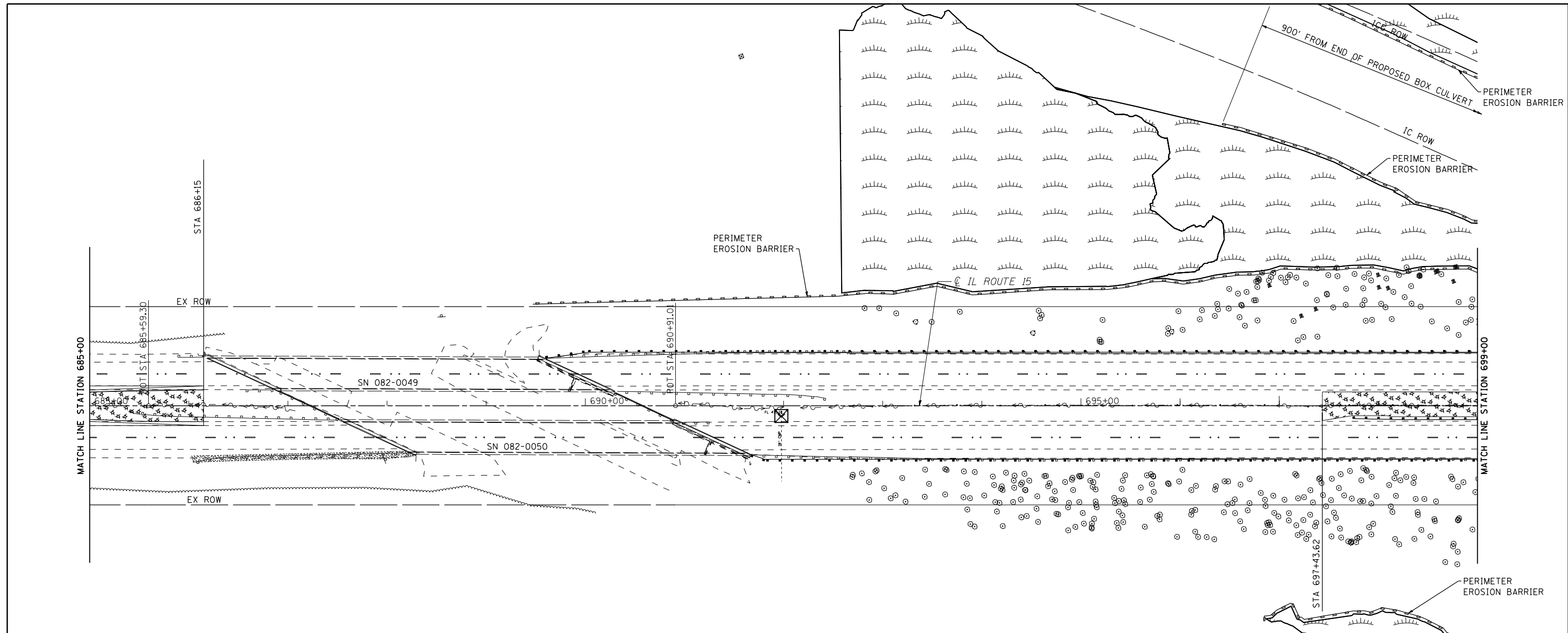
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		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**

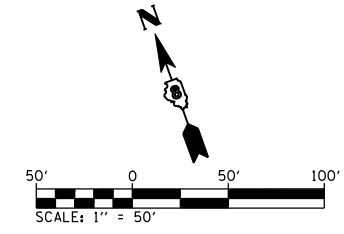
SCALE: 1"=50' SHEET NO. 2 OF 7 SHEETS STA. 671+00.00 TO STA. 685+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	70
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2



FILE NAME =
D876884-sht-eros.dgn

USER NAME = rjo
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/17/2011

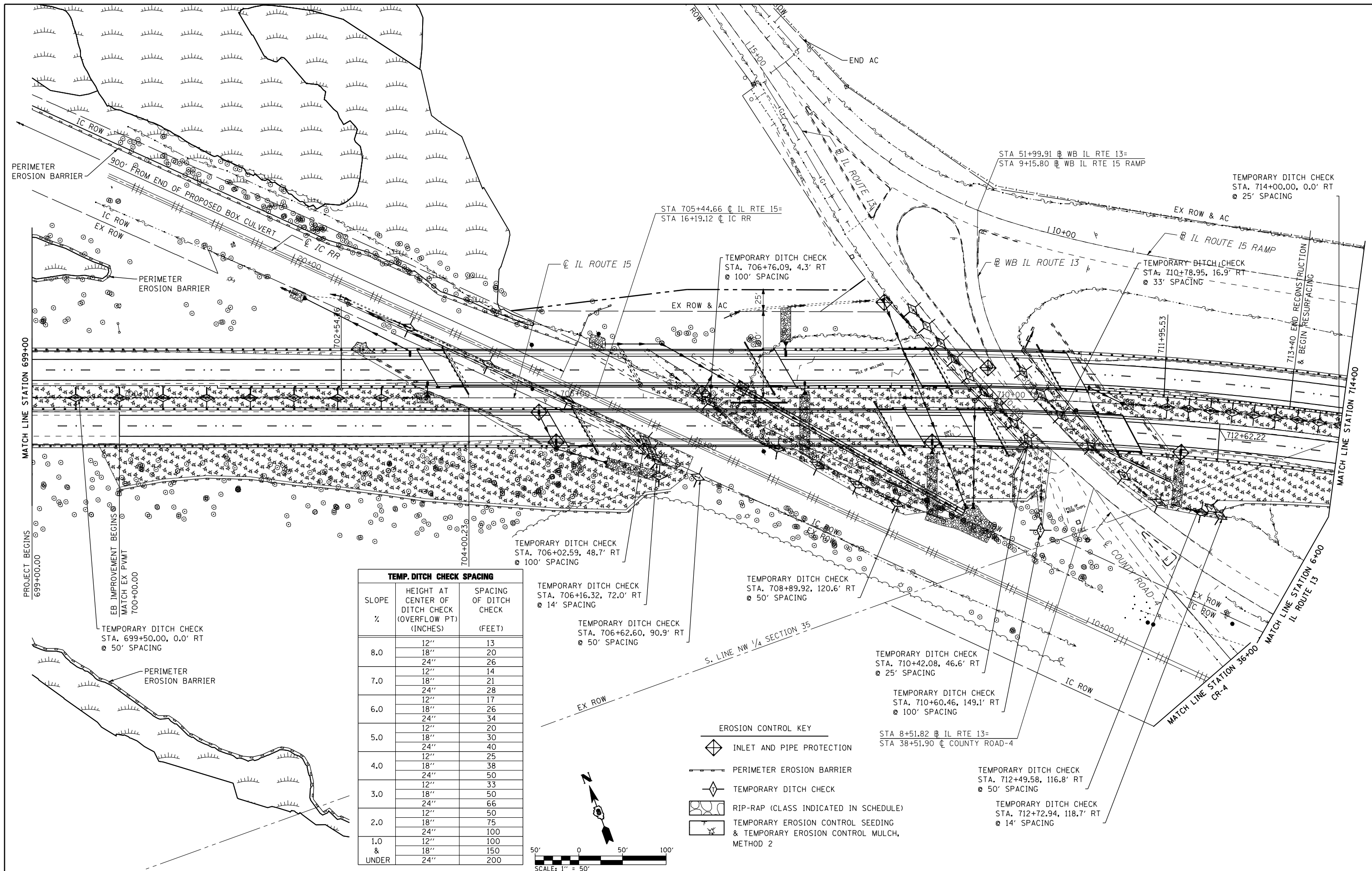
DESIGNED - J.L.T.
DRAWN - J.L.T.
CHECKED - A.T.M.
DATE - 10/19/11

REVISED -
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

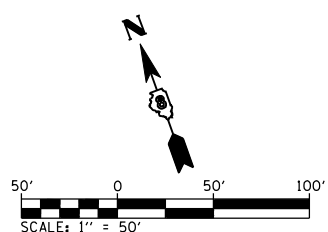
**IL ROUTE 15
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**
SCALE: 1"=50' SHEET NO. 3 OF 7 SHEETS STA. 685+00.00 TO STA. 699+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	71
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2



FILE NAME = D876884-sht-eros.dgn

USER NAME = rjo
 DESIGNED - J.L.T.
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 CHECKED - A.T.M.
 DATE - 10/19/11

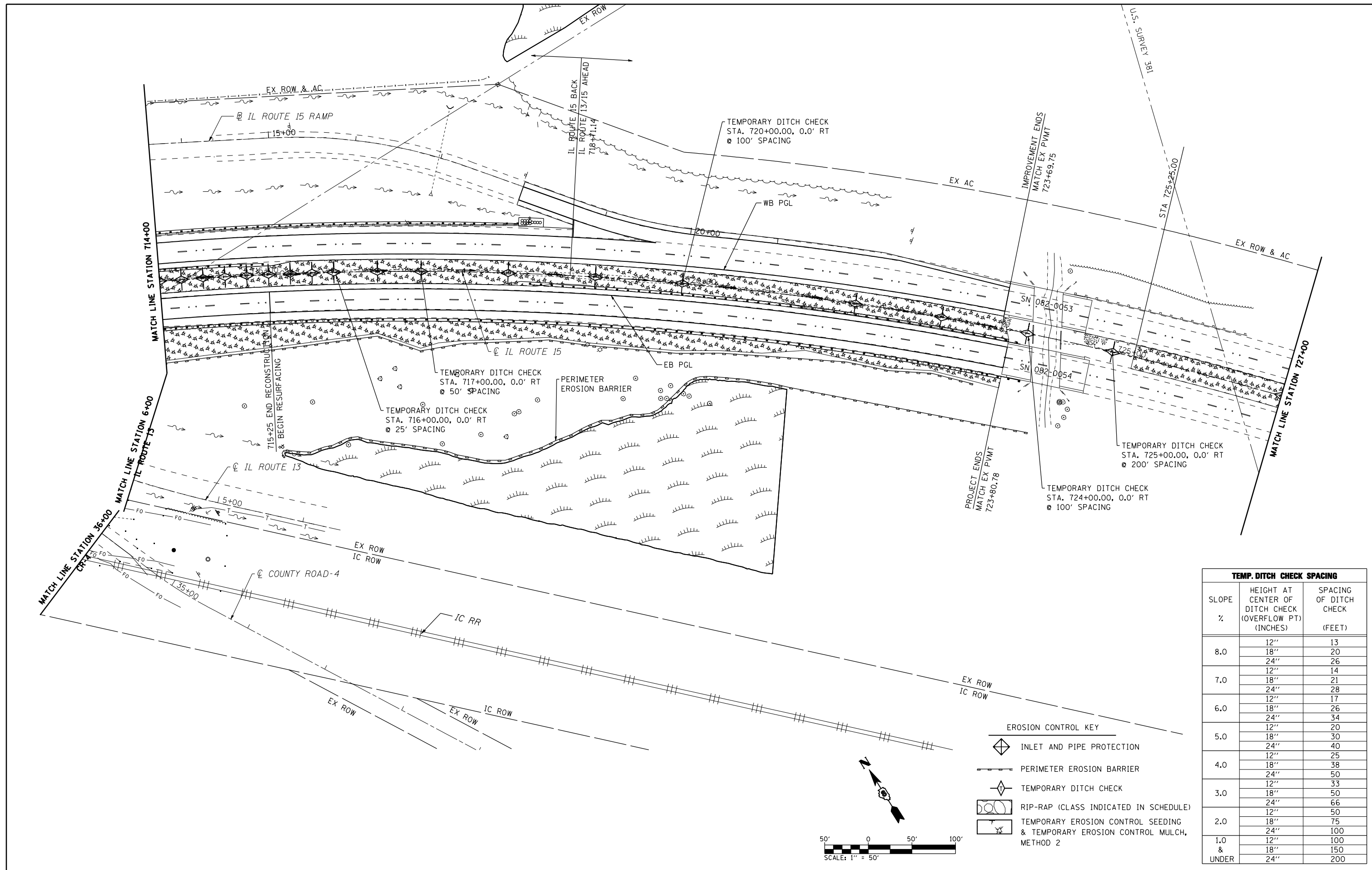
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 1**
 SCALE: 1"=50' SHEET NO. 4 OF 7 SHEETS STA. 699+00.00 TO STA. 714+00.00

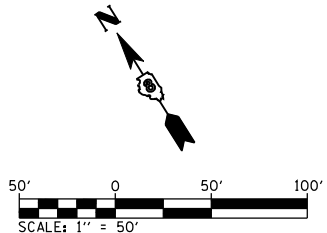
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	72

CONTRACT NO. 76884
 ILLINOIS FED. AID PROJECT



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2

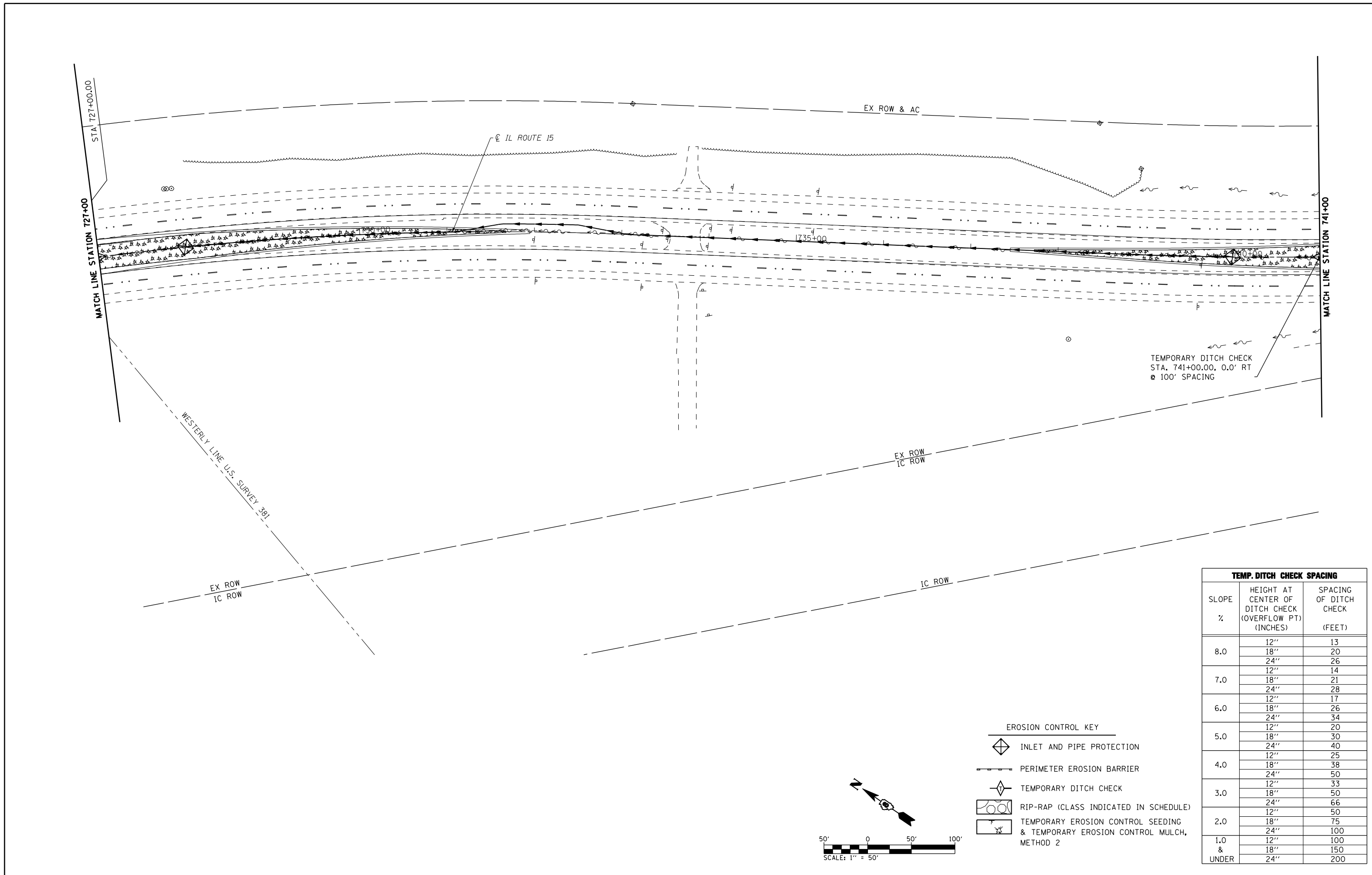


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		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 15	
EROSION AND SEDIMENT CONTROL PLAN - STAGE 1	
SCALE: 1"=50'	SHEET NO. 5 OF 7 SHEETS
STA. 714+00.00 TO STA. 727+00.00	

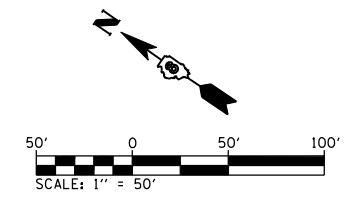
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	73
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

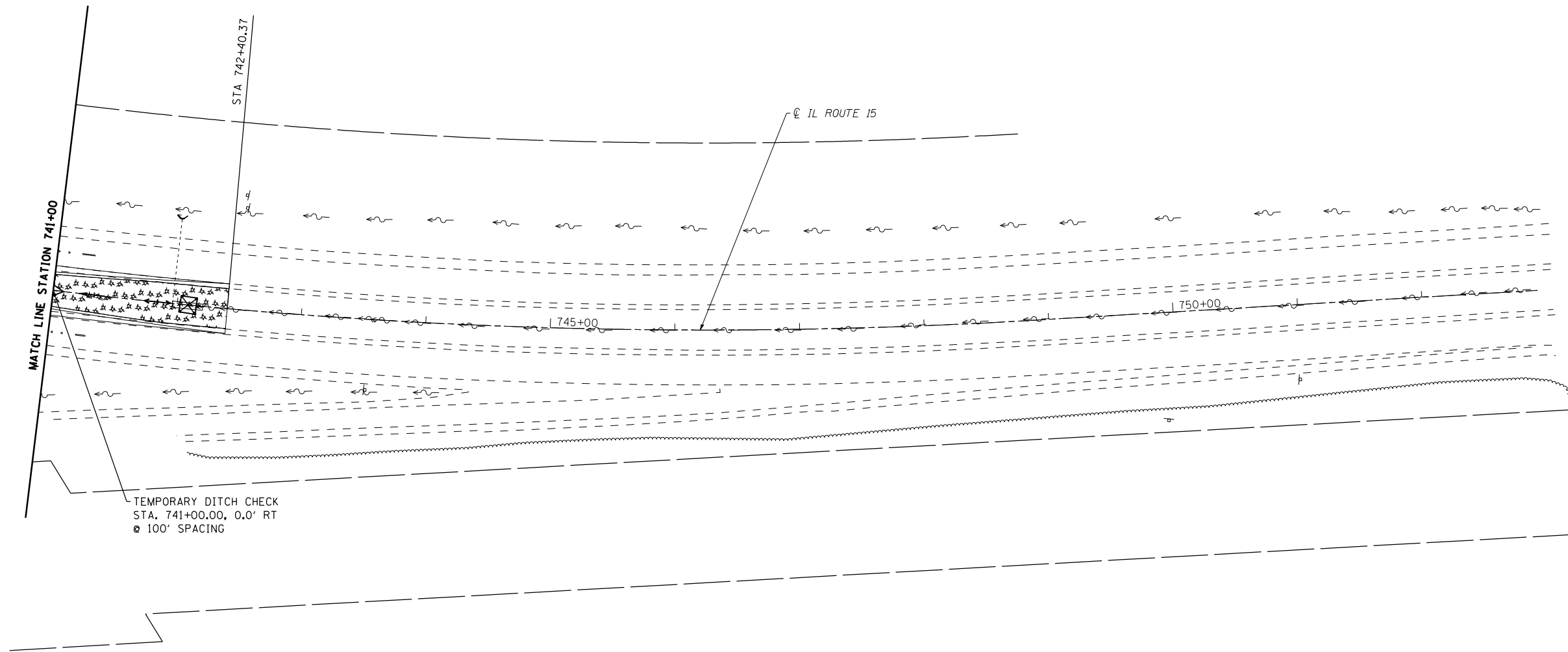


TEMPORARY DITCH CHECK
 STA. 741+00.00, 0.0' RT
 @ 100' SPACING

TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2

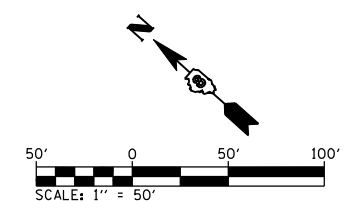


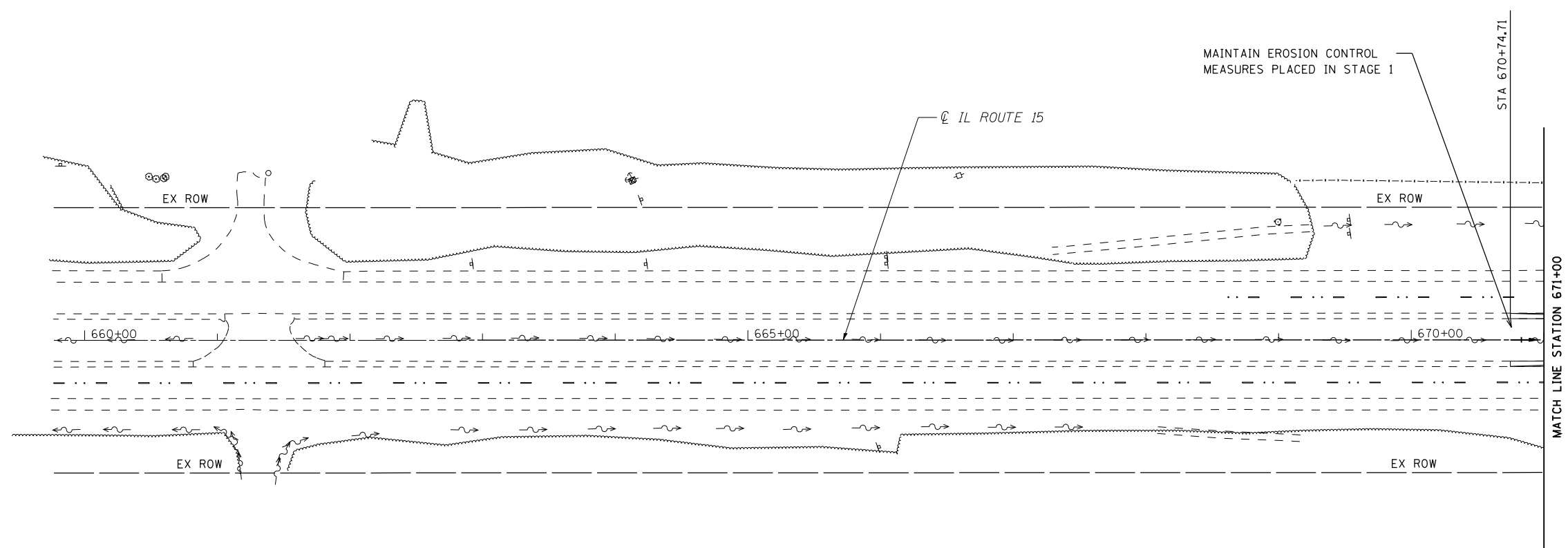


TEMPORARY DITCH CHECK
 STA. 741+00.00, 0.0' RT
 @ 100' SPACING

TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

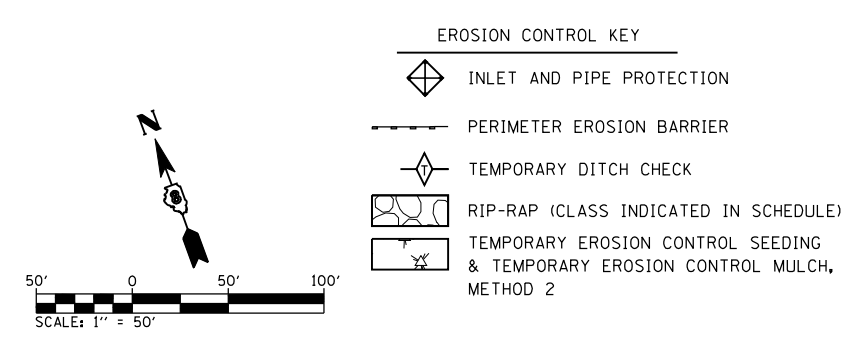
- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2



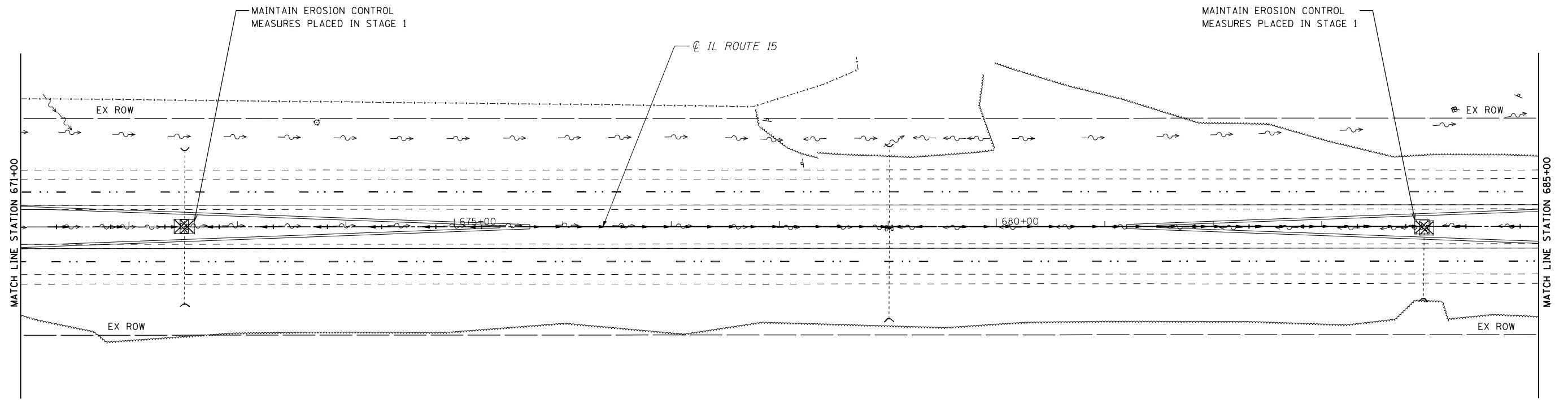


EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
2. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
3. TEMPORARY DITCH CHECK, GEOTEXTILES, ROLLED EXCELSIOR, SILT WEDGES, PANELS SHALL BE LOCATED AT EVERY 1.5 FT FALL/RISE IN DITCH GRADE.
4. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3 - REMOVE AT END OF CONSTRUCTION.
5. TEMPORARY SEEDING SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING" AND NO OTHER PAYMENT WILL BE PERMITTED. FOR CALCULATION PURPOSES, THREE APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.
6. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED AT THE CONTRACTOR'S EXPENSE.
7. SEE FINAL SEEDING PLAN FOR PERMANENT EROSION CONTROL MEASURES TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.
8. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
9. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.

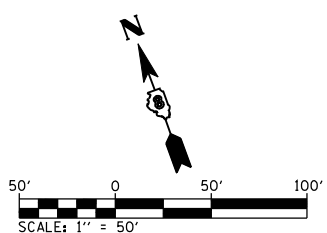


TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	24"	150
	24"	200



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 &	12"	100
	18"	150
UNDER	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2

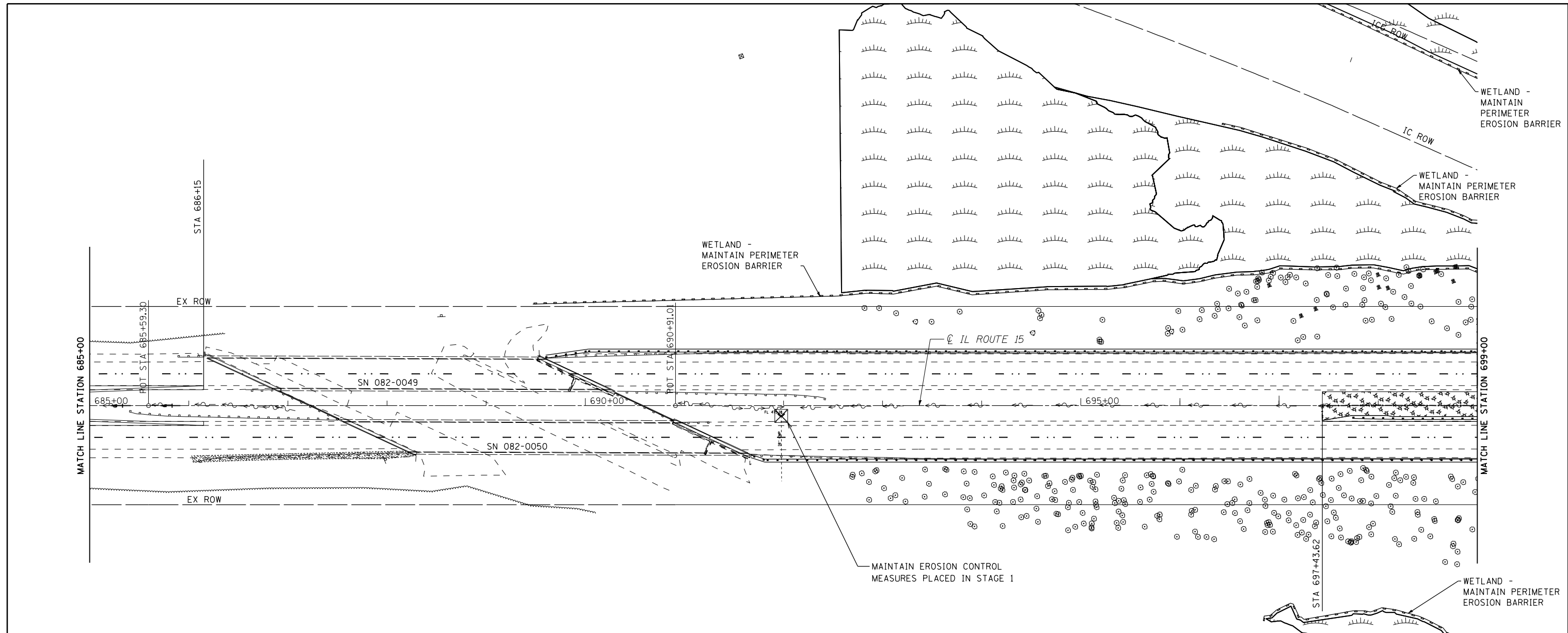


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		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 15	
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2	
SCALE: 1"=50'	SHEET NO. 2 OF 7 SHEETS
STA. 671+00.00 TO STA. 685+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	77
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

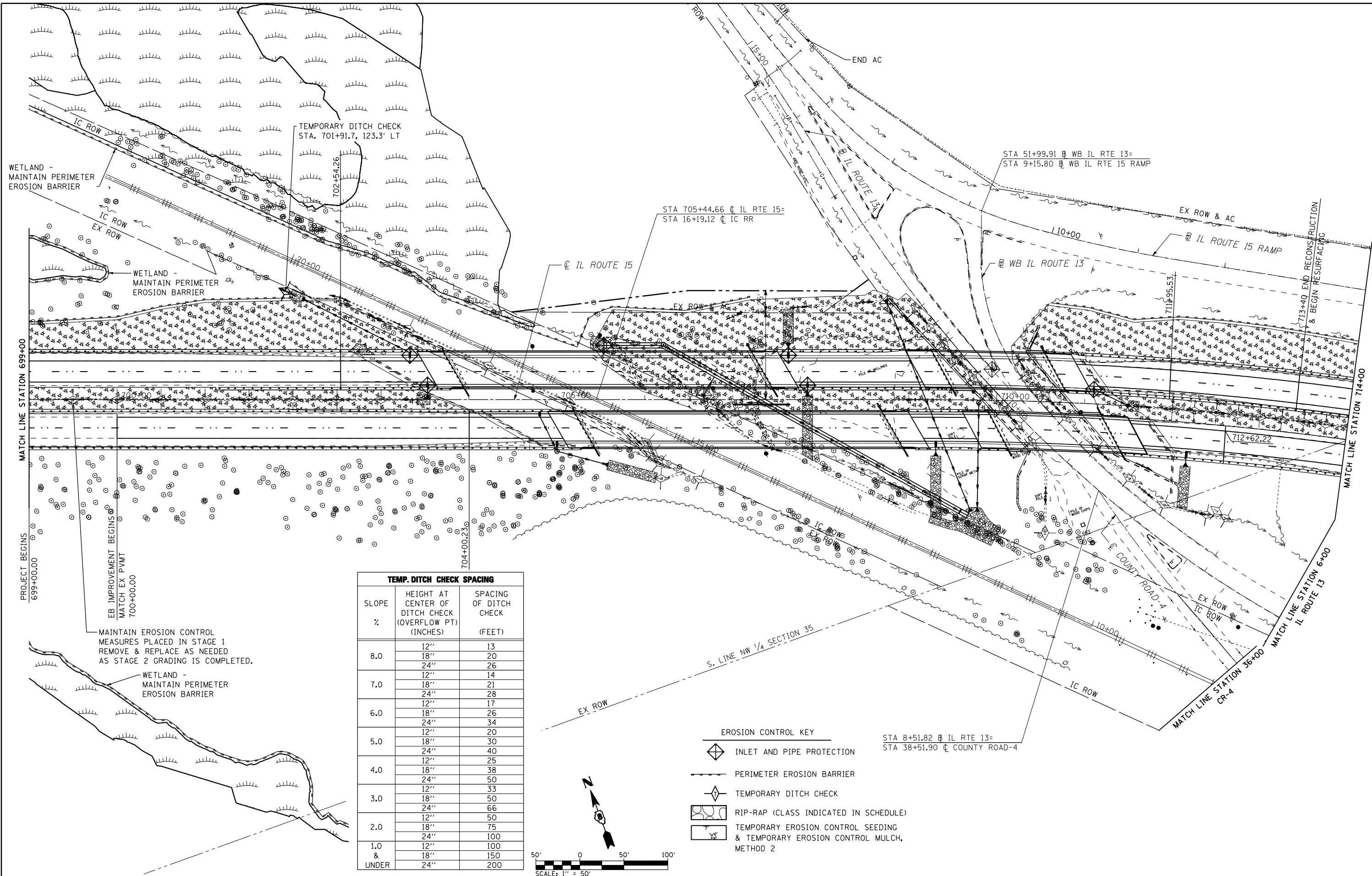
- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2

FILE NAME = D876884\sh\eros2.dgn	USER NAME = rjo	DESIGNED - J.L.T.	REVISED -
		DRAWN - J.L.T.	REVISED -
		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 15 EROSION AND SEDIMENT CONTROL PLAN - STAGE 2		
SCALE: 1"=50'	SHEET NO. 3 OF 7 SHEETS	STA. 685+00.00 TO STA. 699+00.00

F.A.P. RTE. 103	SECTION 27-1-VHB-1	COUNTY ST. CLAIR	TOTAL SHEETS 277	SHEET NO. 78
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2

MAINTAIN EROSION CONTROL MEASURES PLACED IN STAGE 1 REMOVE & REPLACE AS NEEDED AS STAGE 2 GRADING IS COMPLETED.

WETLAND - MAINTAIN PERIMETER EROSION BARRIER

WETLAND - MAINTAIN PERIMETER EROSION BARRIER

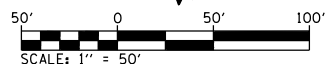
WETLAND - MAINTAIN PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECK STA. 701+91.7, 123.3' LT

STA 705+44.66 @ IL RTE 15- STA 16+19.12 @ IC RR

STA 51+99.91 @ WB IL RTE 13- STA 9+15.80 @ WB IL RTE 15 RAMP

STA 8+51.82 @ IL RTE 13- STA 38+51.90 @ COUNTY ROAD-4



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USER NAME = rjo
 DESIGNED - J.L.T.
 DRAWN - J.L.T.
 CHECKED - A.T.M.
 DATE - 10/19/11

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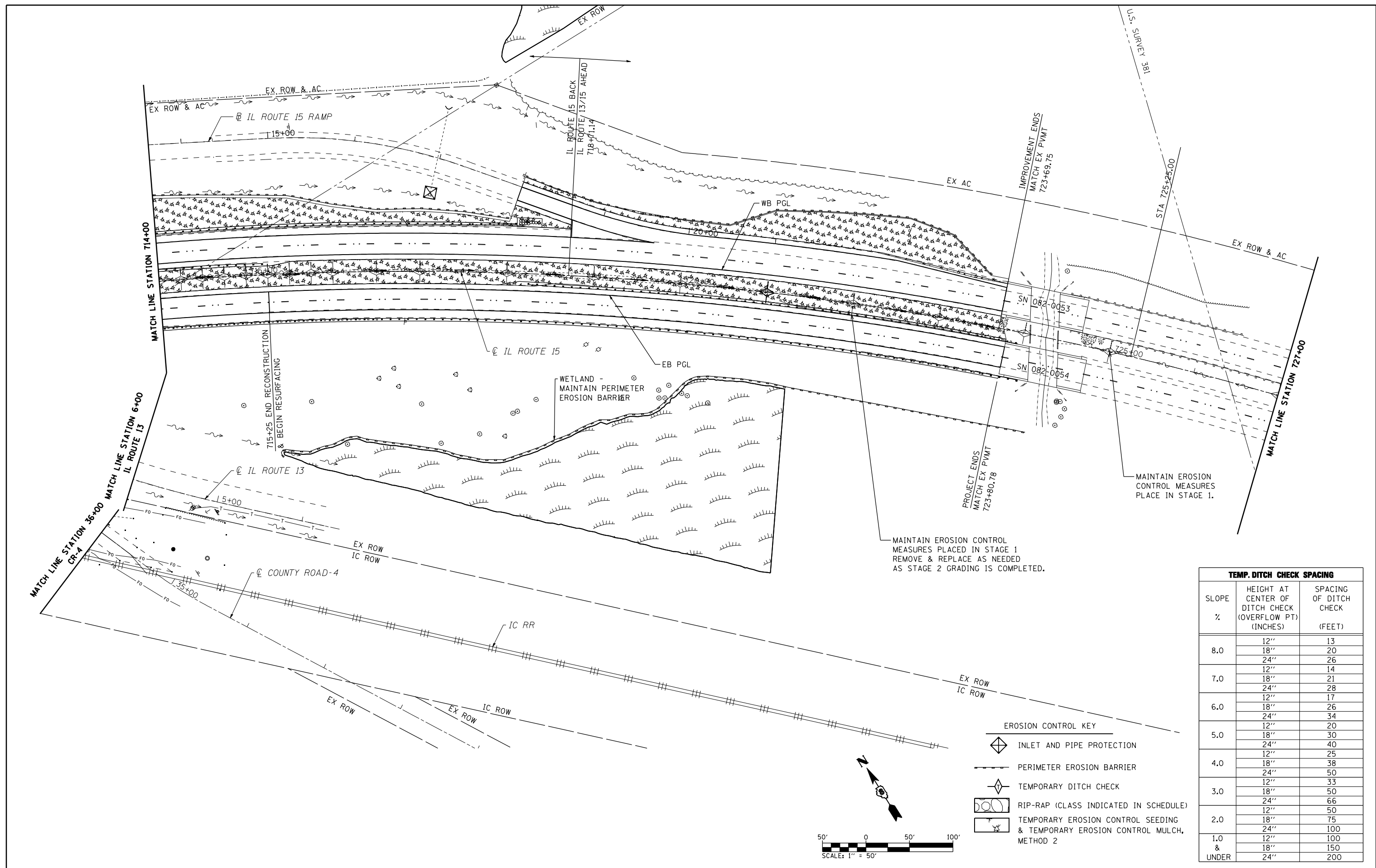
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
 EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 4 OF 7 SHEETS STA. 699+00.00 TO STA. 714+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	79

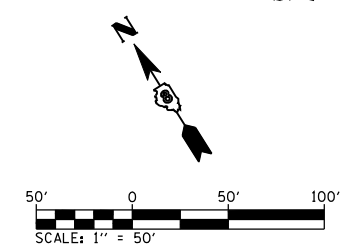
CONTRACT NO. 76884
 ILLINOIS FED. AID PROJECT



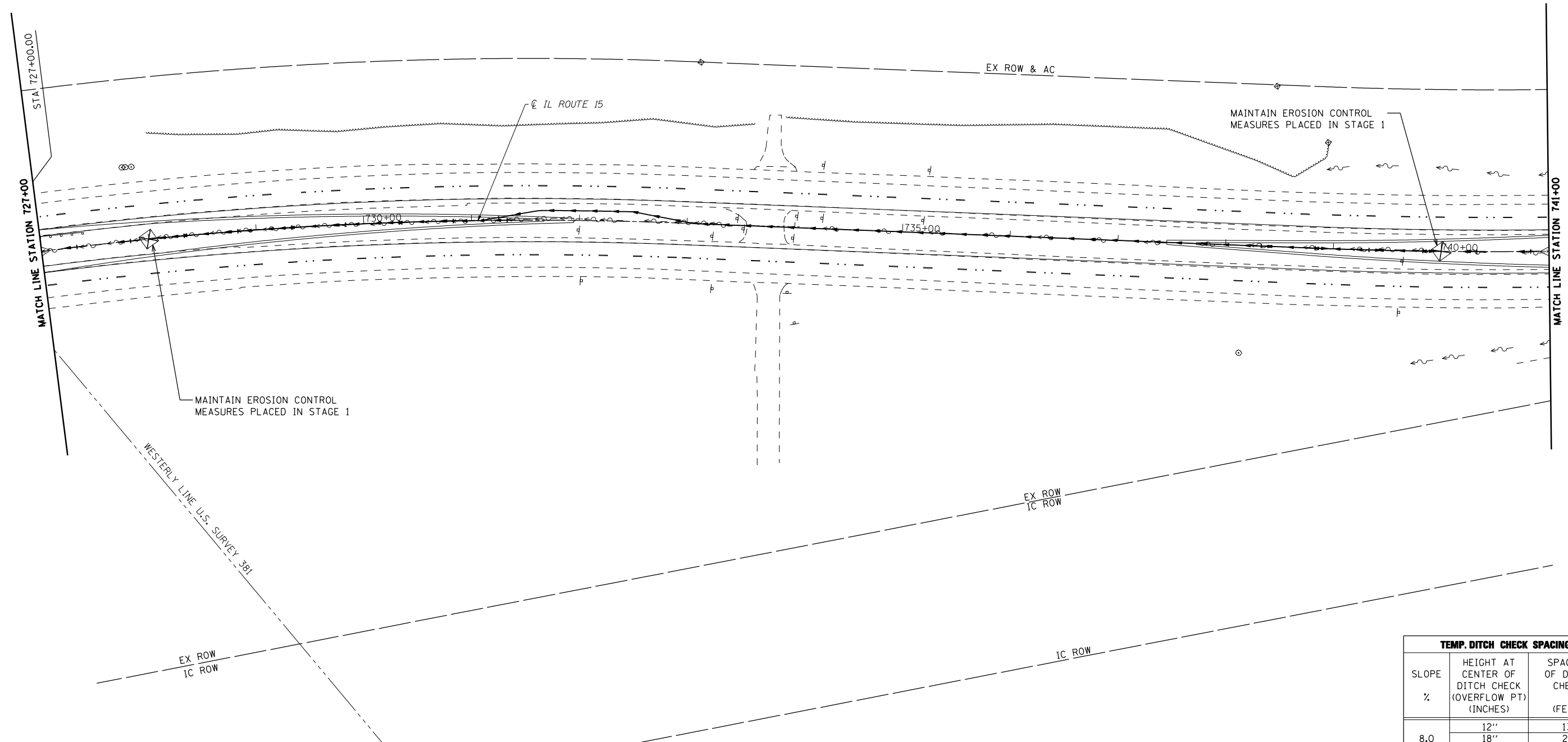
MAINTAIN EROSION CONTROL MEASURES PLACED IN STAGE 1 REMOVE & REPLACE AS NEEDED AS STAGE 2 GRADING IS COMPLETED.

MAINTAIN EROSION CONTROL MEASURES PLACED IN STAGE 1.

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2

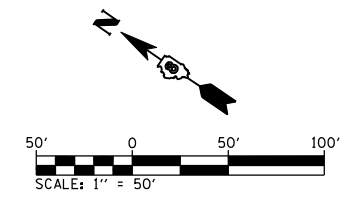


TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2



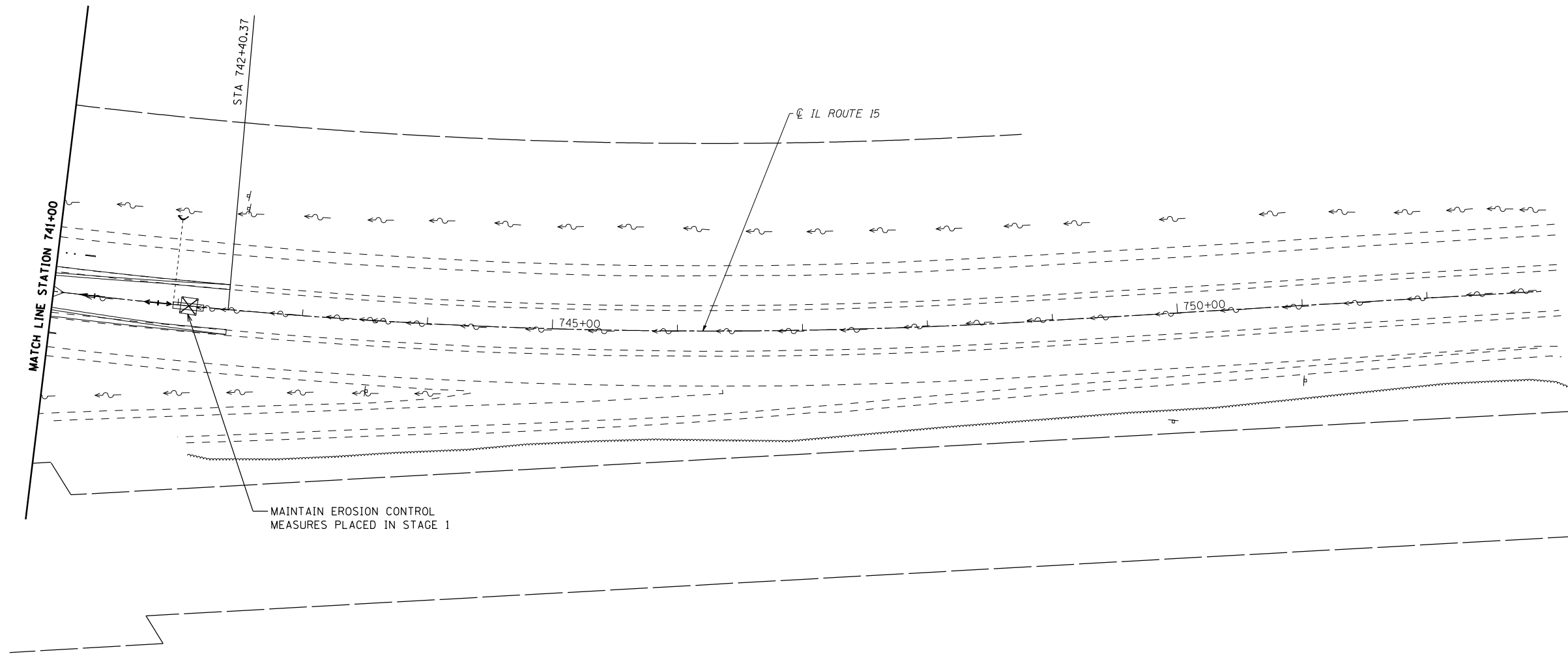
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		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

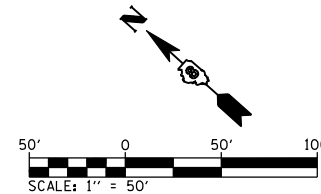
SCALE: 1"=50' SHEET NO. 6 OF 7 SHEETS STA. 727+00.00 TO STA. 741+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	81
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



TEMP. DITCH CHECK SPACING		
SLOPE %	HEIGHT AT CENTER OF DITCH CHECK (OVERFLOW PT) (INCHES)	SPACING OF DITCH CHECK (FEET)
8.0	12"	13
	18"	20
	24"	26
7.0	12"	14
	18"	21
	24"	28
6.0	12"	17
	18"	26
	24"	34
5.0	12"	20
	18"	30
	24"	40
4.0	12"	25
	18"	38
	24"	50
3.0	12"	33
	18"	50
	24"	66
2.0	12"	50
	18"	75
	24"	100
1.0 & UNDER	12"	100
	18"	150
	24"	200

- EROSION CONTROL KEY**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - RIP-RAP (CLASS INDICATED IN SCHEDULE)
 - TEMPORARY EROSION CONTROL SEEDING & TEMPORARY EROSION CONTROL MULCH, METHOD 2



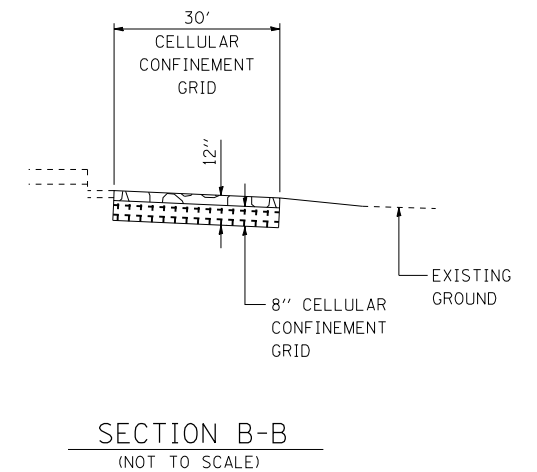
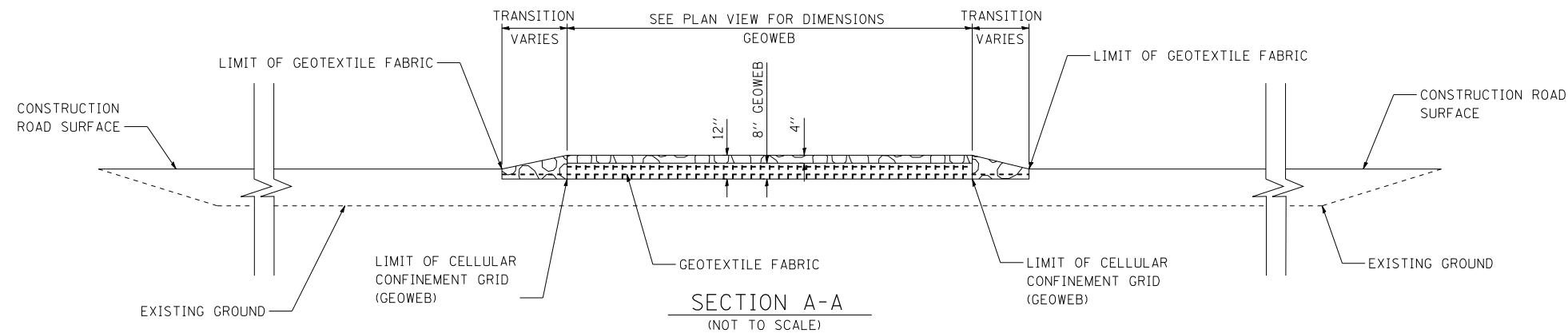
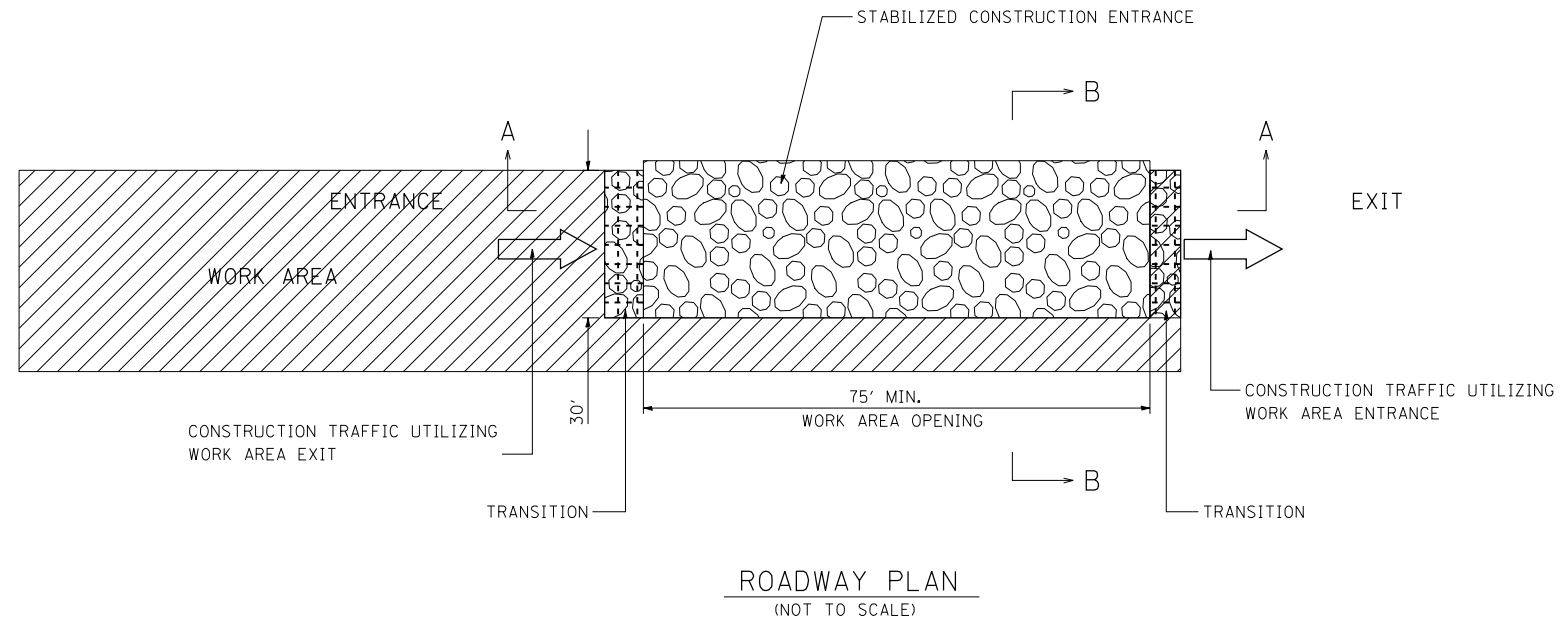
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		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**IL ROUTE 15
EROSION AND SEDIMENT CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 7 OF 7 SHEETS STA. 741+00.00 TO STA. 752+93.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	82
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  DIRECTION OF TRAFFIC
-  WORK AREA
-  STABILIZED CONSTRUCTION ENTRANCE
-  COARSE AGGREGATE, CA-3

NOTES:

1. EXISTING DITCH DRAINAGE TO BE MAINTAINED. THE COST OF PIPE CULVERTS USED TO MAINTAIN EXISTING DRAINAGE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE.
2. THE COST OF ANY COARSE AGGREGATE CA-3 USED FOR TRANSITION FROM THE CONSTRUCTION ROAD TO THE STABILIZED CONSTRUCTION ENTRANCE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE.
3. STABILIZED CONSTRUCTION ENTRANCE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.

 INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM.

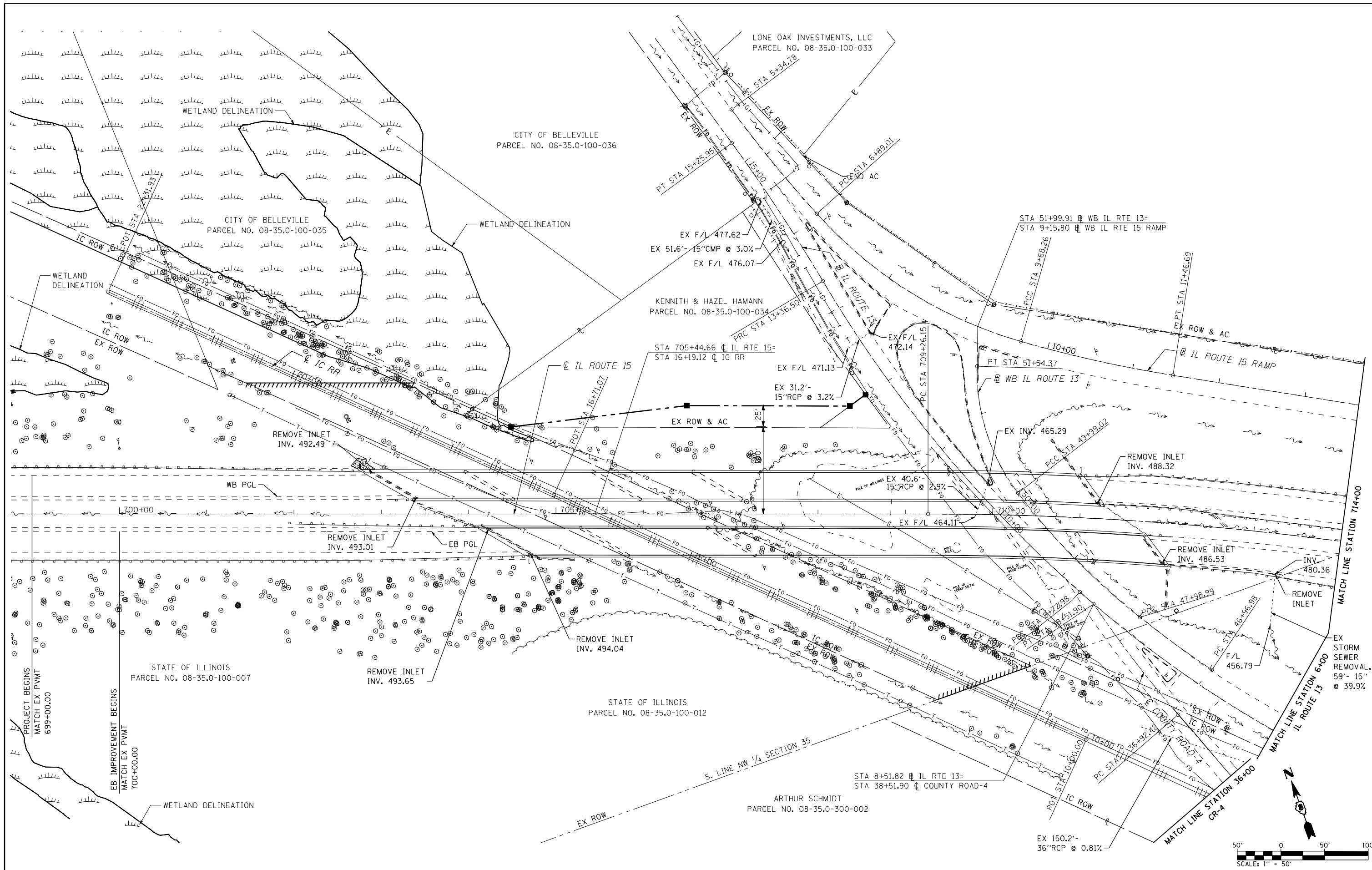
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		CHECKED - A.T.M.	REVISED -
		DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	83
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				



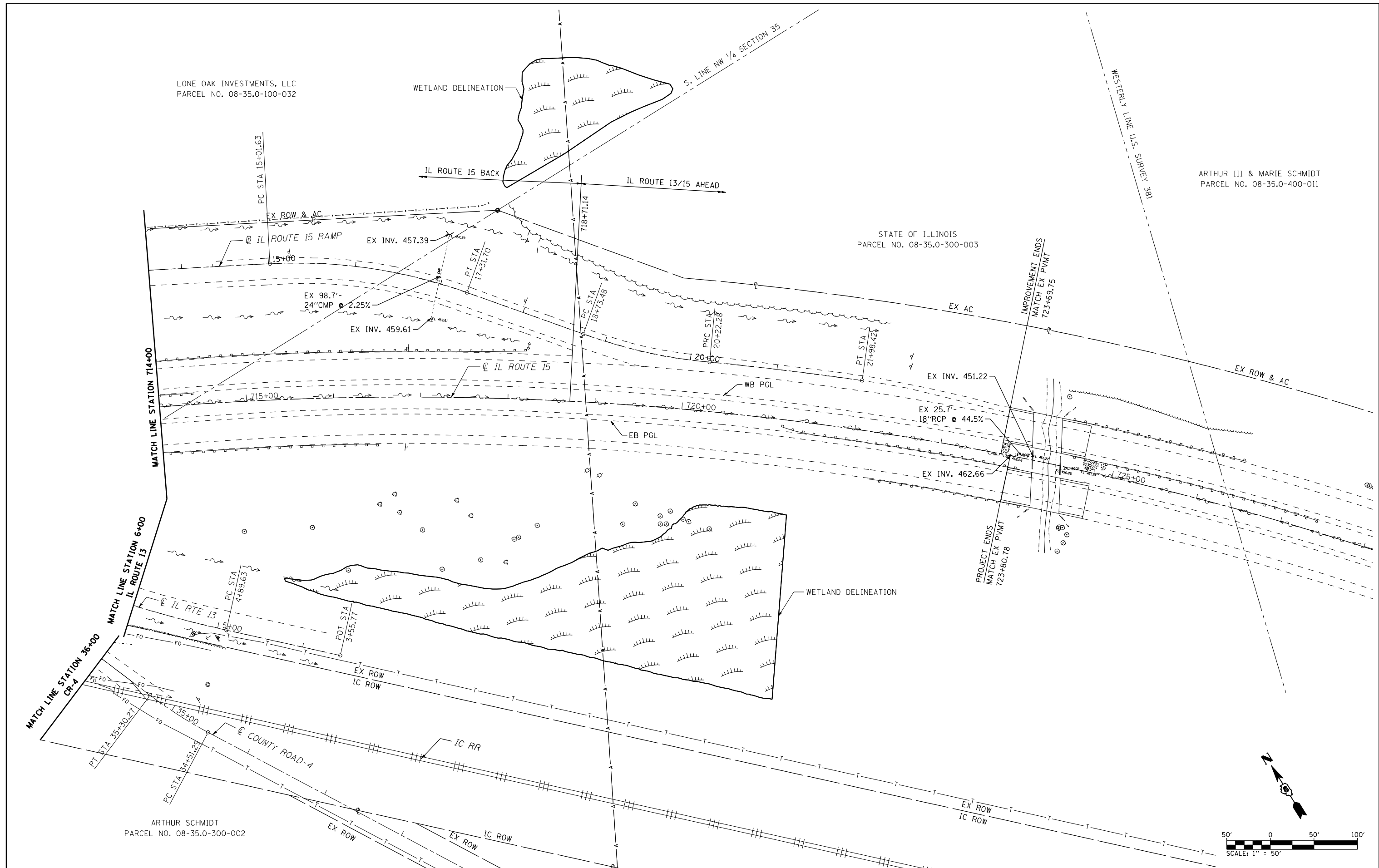
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	MODEL NAME = \$MODELNAME\$	DRAWN - R.J.O.	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. 699+00.00 TO STA. 714+00.00	CONTRACT NO. 76884				
	PLOT SCALE = 100.0000' / IN.	CHECKED - A.T.M.	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 10/20/2011	DATE - 10/19/11	REVISED -									

LONE OAK INVESTMENTS, LLC
 PARCEL NO. 08-35.0-100-032

ARTHUR III & MARIE SCHMIDT
 PARCEL NO. 08-35.0-400-011

STATE OF ILLINOIS
 PARCEL NO. 08-35.0-300-003

ARTHUR SCHMIDT
 PARCEL NO. 08-35.0-300-002



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	PLOT DATE = 10/20/2011	DATE - 10/19/11	REVISED -

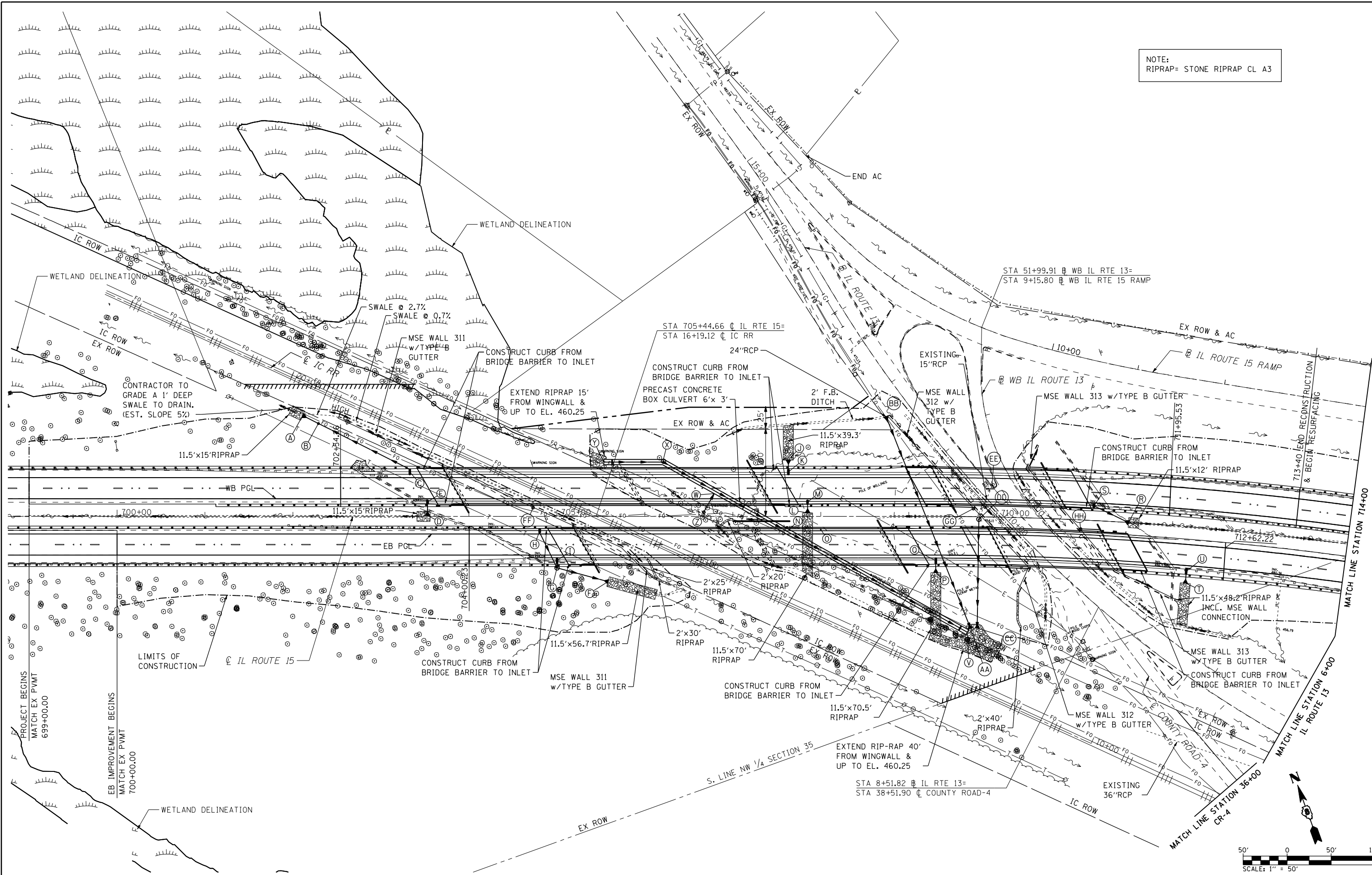
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
 EXISTING DRAINAGE, UTILITIES & DRAINAGE REMOVAL**

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. 714+00.00 TO STA. 727+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	85
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

NOTE:
RIPRAP= STONE RIPRAP CL A3



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PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/20/2011

DESIGNED - J.D.M.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

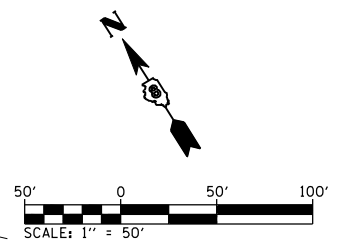
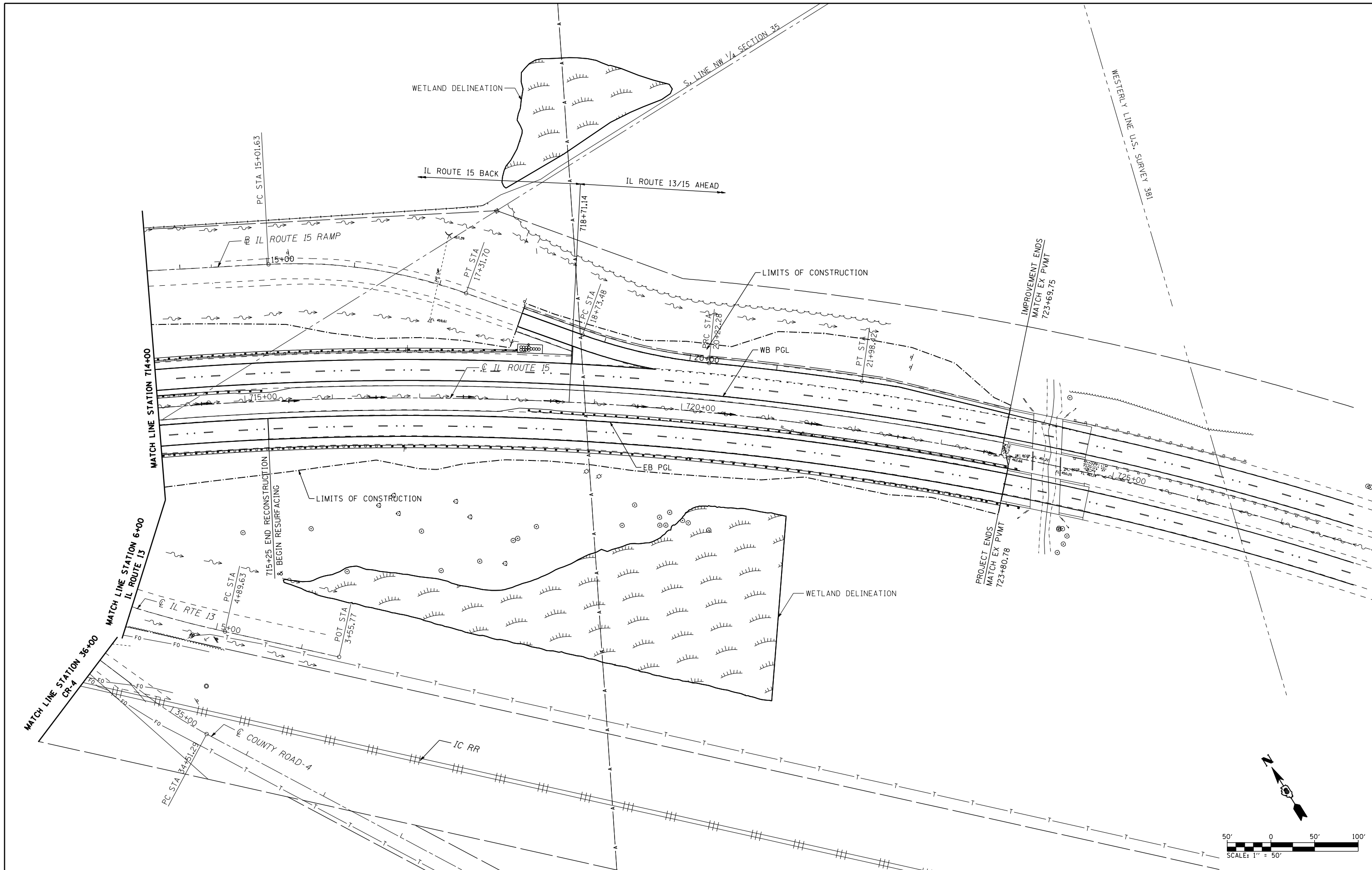
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
PROPOSED DRAINAGE & UTILITIES**
SCALE: 1"=50'
SHEET NO. 1 OF 3 SHEETS
STA. 699+00.00 TO STA. 714+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	86

CONTRACT NO. 76884
ILLINOIS FED. AID PROJECT



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	PLOT DATE = 10/20/2011	DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 15
PROPOSED DRAINAGE & UTILITIES**

SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. 714+00.00 TO STA. 727+00.00

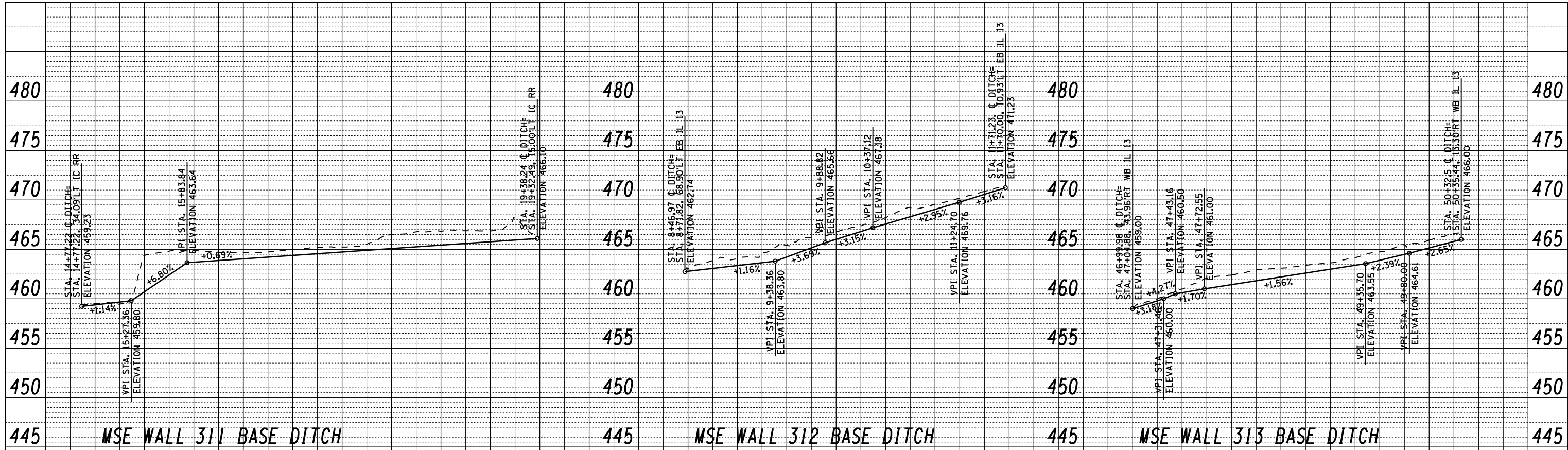
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	87
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

STRUCTURE NUMBER	ALIGNMENT	CL STATION	OFFSET (O/S)	GROUND/RIM ELEV.	N INVERT (FT)	S INVERT (FT)	E INVERT (FT)	W INVERT (FT)	INLET BOX, STD. 610001		INLETS		MANHOLES		FLARED END SECTIONS			CONCRETE COLLAR	GRATED BC END SEC	REMARKS
									TYPE E EACH	TYPE F EACH	TA T8G EACH	TB T10F&G EACH	TA T1F,CL EACH	TA6 T1F,CL EACH	PRC FLAR END SEC 12 EACH	PRC FLAR END SEC 15 EACH	PRC FLAR END SEC 24 EACH			
A	IL 15	702+11.14	114.54'LT		465.00															
B	IL 15	702+29.02	105.58'LT		465.40													0.25		
C	IL 15	703+32.88	44'LT	495.44	492.77						1									O/S TO PROP. EOP
D	IL 15	703+52.99	1,00'LT			491.25									1					
E	IL 15	703+52.99	20'LT	495.92		493.25				1										O/S TO PROP. EOP
F	IL 15	705+58.17	74.14'RT				485.46								1					
G	IL 15	705+00.23	58.54'RT	495.0	492.56		490.56	490.56												
H	IL 15	704+80.53	20'RT	495.44		492.77				1										O/S TO PROP. EOP
I	IL 15	705+00.23	44'RT	495.48		492.81					1									O/S TO PROP. EOP
J	IL 15	707+63.21	63.53'LT		493.69										1					
K	IL 15	707+63.21	44'LT	496.87		494.20														O/S TO PROP. EOP
L	IL 15	707+85.00	3.97'LT			493.64									1					
M	IL 15	707+85.00	20'LT	496.82		494.15				1										O/S TO PROP. EOP
N	IL 15	707+64.19	14'RT	496.27																BRIDGE ITEM
O	IL 15	708+00.00	14'RT	496.02																BRIDGE ITEM
P	IL 15	709+30.83	64.03'RT			490.38									1					
Q	IL 15	709+30.83	44'RT	493.56		490.89														O/S TO PROP. EOP
R	IL 15	712+00.00	0				487.30								1					
S	IL 15	711+09.79	20'LT	490.10			487.43			1										O/S TO PROP. EOP
T	IL 15	712+20.00	64.03'RT			482.94									1					
U	IL 15	712+20.00	44'RT	486.12		483.45					1									O/S TO PROP. EOP
V	IL 15	709+68.20	131.40'RT				458.00													1
W	IL 15	706+80.33	28.53'LT		459.42		458.42													
X	IL 15	706+21.00	61.72'LT	468.50			458.51						1							INCOMING 12" PIPE AT SPRINGLINE
Y	IL 15	705+53.28	61.72'LT				458.60													MANHOLE ACCESS TO 6'x3'
Z	IL 15	706+67.05	4.80'LT	463.0	459.65					1										
AA	IL 15	709+71.93	126.83'RT		458.00															
BB	IL 15	708+74.22	113.41'LT		468.00															
CC	IL 15	709+79.76	126.52'RT		458.00															
DD	IL 15	709+79.76	2.82'RT	491.80	464.11										1					
EE	IL 13	10+35.52	14.03'RT	467.78	465.29															
FF	IL 15	704+72.92	9.88'LT	485.80	464.90															FACE OF WALL 704+74.06, 12.38'LT
GG	IL 15	709+73.46	9.19'LT	485.27	468.17															FACE OF WALL 709+75.44, 11.09'LT
HH	IL 15	710+96.02	10.42'RT	479.74	465.01															FACE OF WALL 710+94.01, 12.31'RT

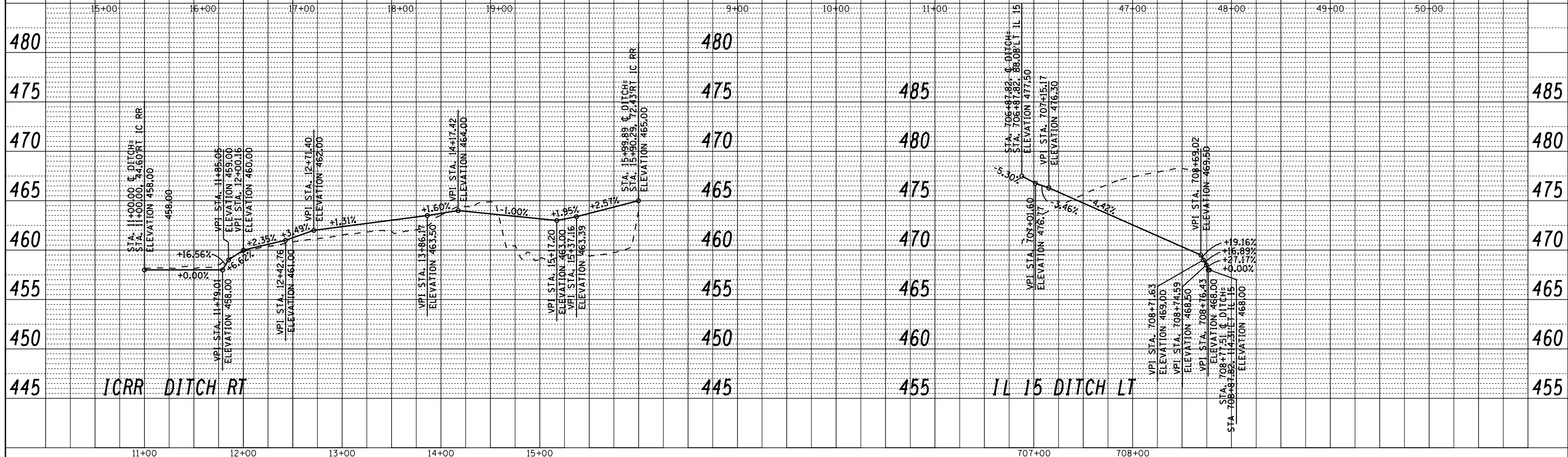
PIPE NO.	UP STREAM STR NO.	UP STREAM INVERT	DOWN STREAM STR NO.	DOWN STREAM INVERT	PIPE DIA. (INCHES)	PIPE SLOPE (%)	STORM SEWER CLASS A						PRECAST CONC. BOX CULVERT 6'x3' FOOT	REMARKS
							TYPE 3	TYPE 4	TYPE 5	TYPE 2	TYPE 6			
							8" FOOT	8" FOOT	8" FOOT	12" FOOT	15" FOOT	24" FOOT		
P-1	C	492.77	B	465.40	12"	23.6								
P-2	B	465.40	A	465.00	12"	2.0								
P-3	A	465.00												
P-4	E	493.25	D	491.25	12"	14.9								
P-5	D	491.25												
P-6	H	492.77	G	490.56	12"	4.9								
P-7	G	490.56	F	485.46	12"	8.5								
P-8	F	485.46												
P-9	I	492.81	G	492.56	12"	5.0								
P-10	K	494.20	J	493.69	12"	5.0								
P-11	J	493.69												
P-12	M	494.15	L	493.64	12"	5.0								
P-13	L	493.64												
P-14	N													BRIDGE ITEM
P-15	O													BRIDGE ITEM
P-16	Q	490.89	P	490.38	12"	5.0								
P-17	P	490.38												
P-18	S	487.43	R	486.65	12"	1.8								
P-19	R	486.65												
P-20	U	483.45	T	482.94	12"	5.0								
P-21	T	482.94												
P-22	Y	458.60	X	458.51	6'x3'	0.13						61.7		
P-23	X	458.51	W	458.42	6'x3'	0.13						68.0		
P-24	W	458.42	V	458.00	6'x3'	0.13						322.1		
P-25	V	458.00												
P-26	Z	459.65	W	459.42	12"	1.0								
P-27	BB	468.00	AA	458.00	24"	3.86								
P-28	AA	458.00												
P-29	EE	465.29	DD	464.11	EX 15"	2.91								40.6' EX 15" USE IN PLACE
P-30	DD	464.11	CC	458.00	15"	4.94								
P-31	CC	458.00												
P-32	FF	464.90	WALL	464.89	8"	1.0								WALL 311, WITH RODENT SHIELD
P-33	GG	468.17	WALL	468.16	8"	1.0								WALL 312, WITH RODENT SHIELD
P-34	HH	465.01	WALL	465.00	8"	1.0								WALL 313, WITH RODENT SHIELD

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	FILE NAME		

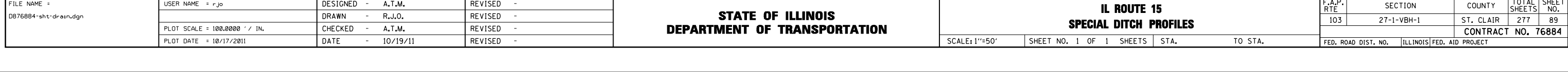
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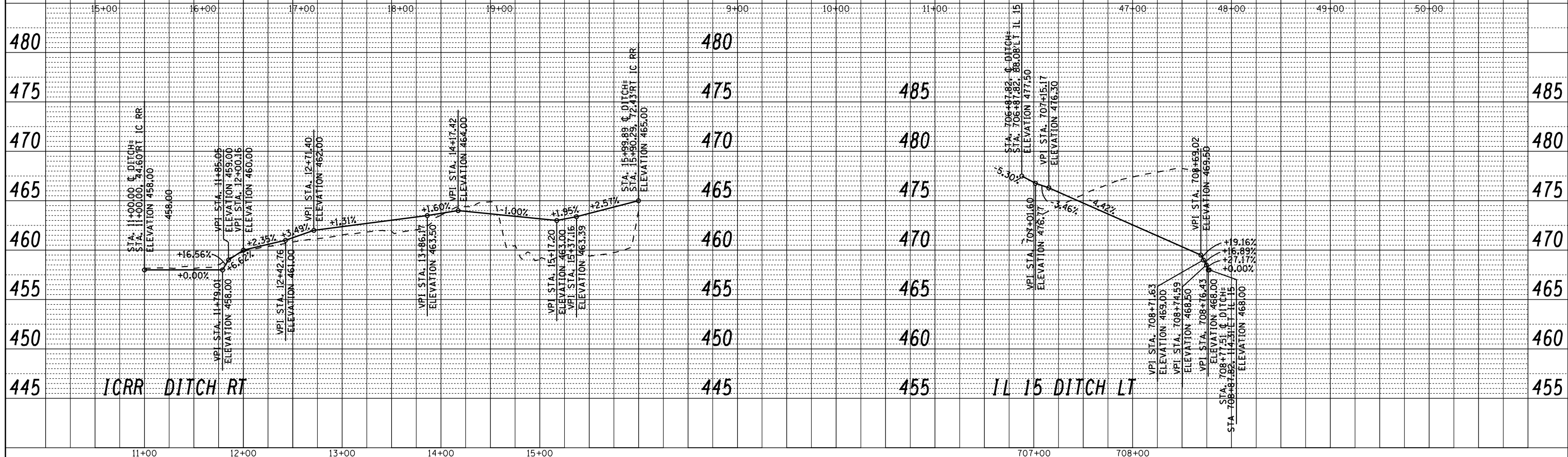
MSE WALL 311 BASE DITCH



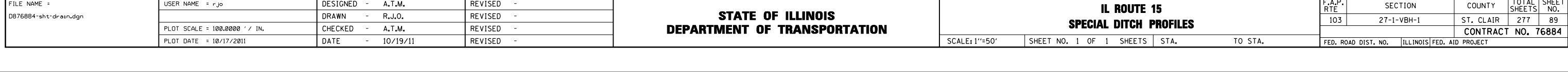
MSE WALL 312 BASE DITCH



MSE WALL 313 BASE DITCH



ICRR DITCH RT



IL 15 DITCH LT

SCALE:
1" = 50' HORIZ.
1" = 5' VERT.

FILE NAME =
D876884-sh1-drain.dgn

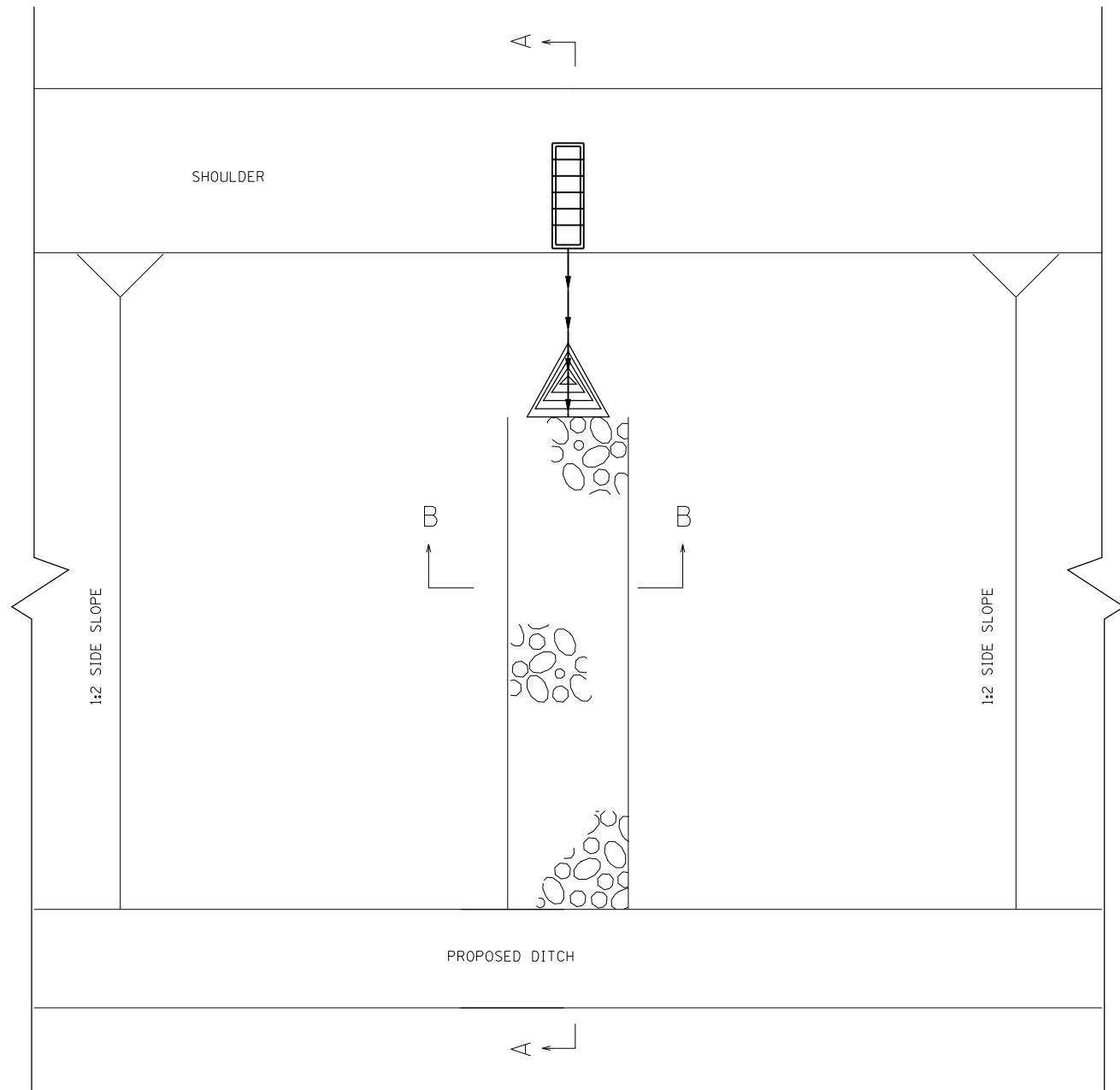
USER NAME =	rjo	DESIGNED -	A.T.M.	REVISED -	
		DRAWN -	R.J.O.	REVISED -	
PLOT SCALE =	100.0000' / IN.	CHECKED -	A.T.M.	REVISED -	
PLOT DATE =	10/17/2011	DATE -	10/19/11	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

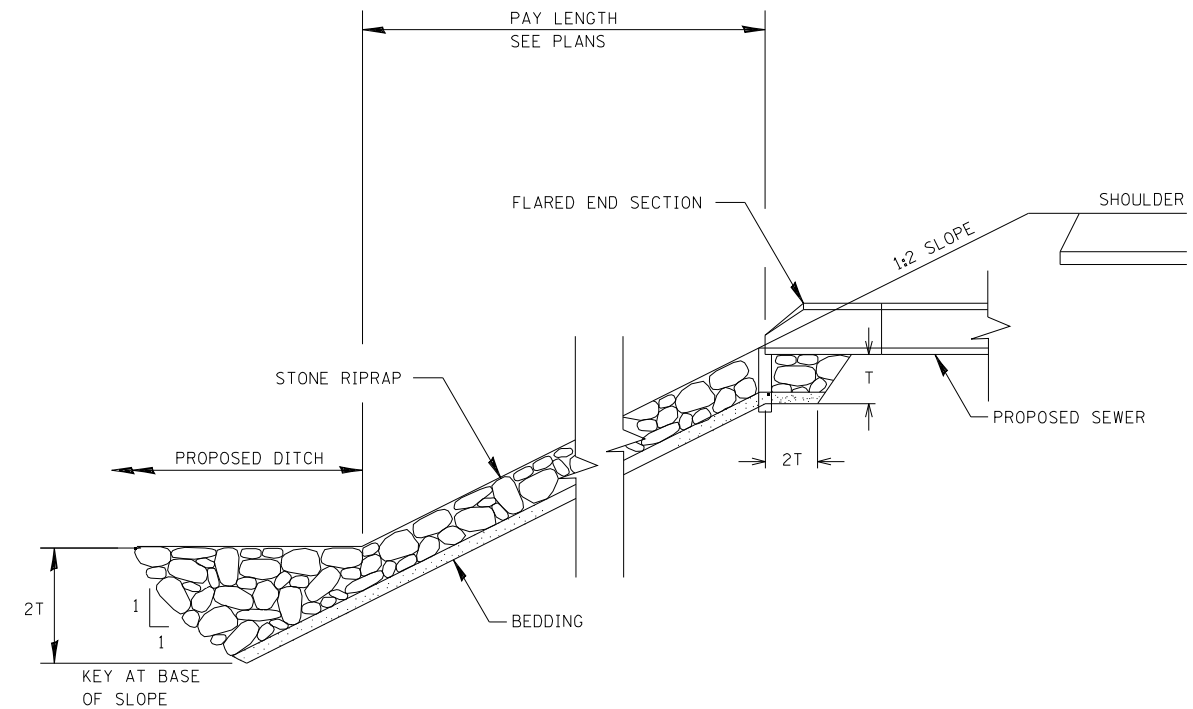
**IL ROUTE 15
SPECIAL DITCH PROFILES**

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

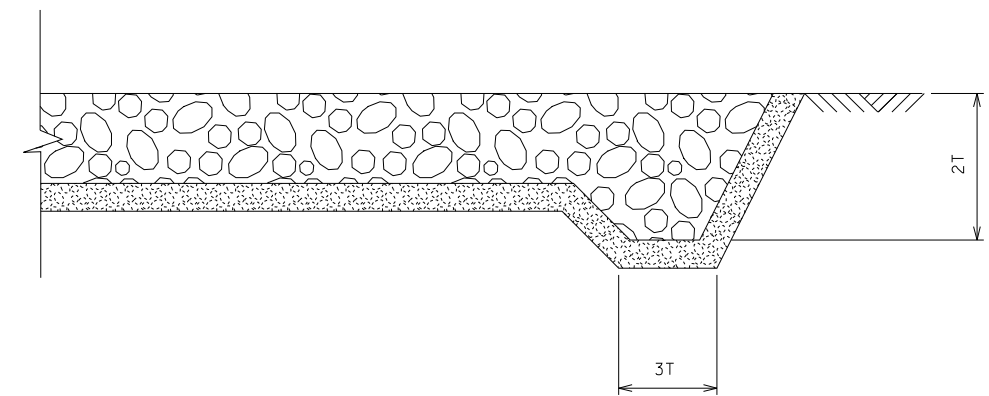
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VBH-1	ST. CLAIR	277	89
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN VIEW



SECTION A-A



SECTION B-B

FILE NAME =
DB76884.sht-drain.dgn

USER NAME = rjo
MODEL NAME = \$MODELNAME\$
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 10/17/2011

DESIGNED - A.T.M.
DRAWN - R.J.O.
CHECKED - A.T.M.
DATE - 10/19/11

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 15
STEEP SLOPE RIPRAP DETAIL AT PIPE CULVERT ENDS

SCALE: 1"=50'

SHEET NO. 1 OF 1 SHEETS

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	90
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				

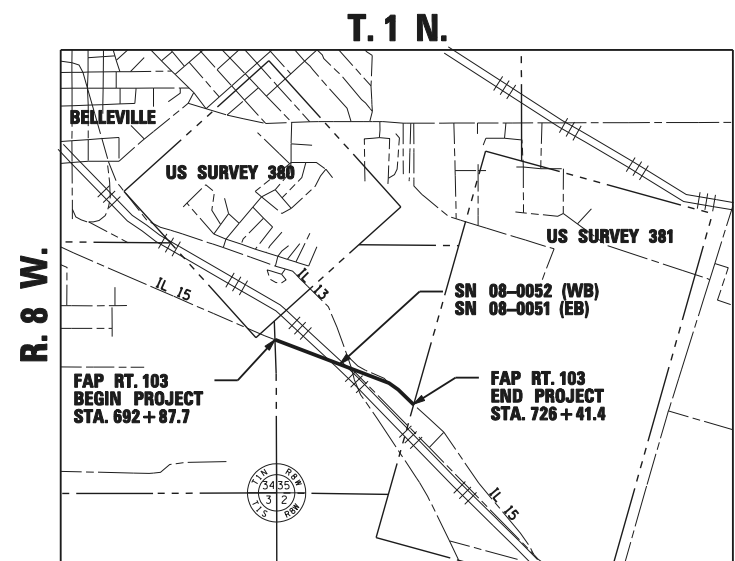
SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
1	-	COVER SHEET
2	-	GENERAL NOTES
3	692+87.7 to 704+00	PLAT OF HIGHWAYS
4	701+00 to 718+00	PLAT OF HIGHWAYS - PARCELS 8920001, 8920002
5	714+00 to 726+41.4	PLAT OF HIGHWAYS
6	-	PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

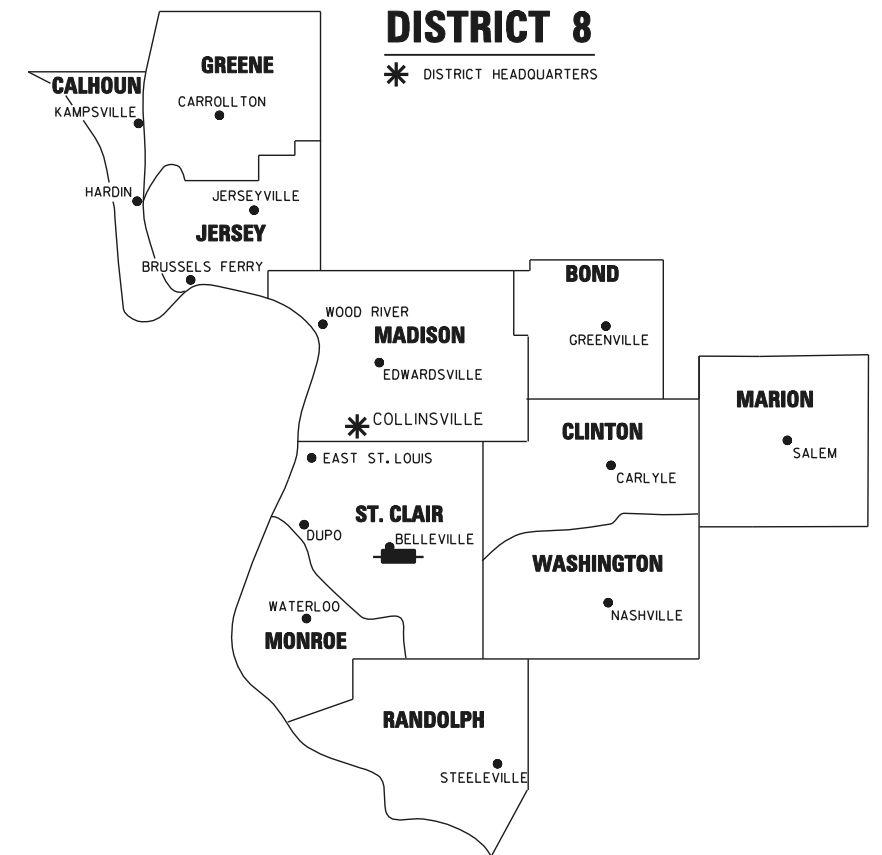
PLAT OF HIGHWAYS

FAP ROUTE 103 (IL ROUTE 15)
SECTION 27-1-VHB-1
ST. CLAIR COUNTY
JOB NO.
R-98-020-09

SPACE RESERVED FOR RECORDING OFFICER



PROJECT LENGTH = 3353.7 LIN. FT. = 0.635 MILE



LOCATION OF SECTION INDICATED THUS:

PREPARED BY:

HDR HDR Engineering, Inc.
1339 Walnut St. Murphysboro, IL. 62966-2026
618-684-5808
Illinois Professional Design Firm #184000829

GARY W. RAINES, PLS NO. 2428
LICENSE EXPIRATION DATE: 11/30/2012

SHEET 1 OF 6

ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	91
			CONTRACT NO. 76884	
FED. ROAD DIST. NO. _		ILLINOIS FED. AID PROJECT		

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL HANDHOLE	⊠	DRAINAGE FLOW LINE	
TRAFFIC SIGNAL GULFBOX	⊙	RIP RAP	
TRAFFIC SIGNAL HANDHOLE	⊠	HEADWALL	
TRAFFIC SIGNAL SIGNAL POST	○	CULVERT END SECTION	
TRAFFIC SIGNAL STEEL MAST ARM	○—	DRAINAGE MANHOLE	⊙
TRAFFIC SIGNAL COMBINED MAST ARM	○—	INLET	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	ROADWAY DITCH FLOW	
TRAFFIC SIGNAL WOODEN POLE	⊙	VEGETATION LINE	
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	⊠	STUMP	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	⊠	SHRUB	⊙
TRAFFIC SIGNAL JUNCTION BOX	⊠	EVERGREEN TREE	⊙
TRAFFIC SIGNAL CONTROLLER	⊠	DECIDUOUS TREE	⊙
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	⊠	WOODS/BUSH PATTERN	
RAILROAD CANTILEVER MAST ARM	⊠—	TRAFFIC SIGN	
RAILROAD CROSSBUCK	⊠	GAURDRAIL POST	
RAILROAD TRACK PATTERN		GAURDRAIL PATTERN	
RAILROAD ABANDON PATTERN		FIELD LINE	
RAILROAD CROSSGATE	⊠—	LEVEE/NOISE BARRIER	
RAILROAD CONTROL BOX	⊠	FENCE PATTERN	
RAILROAD FLASHING SIGNAL	⊠	MAIL BOX	
TELEPHONE SPLICE BOX ABOVE GROUND	⊠	ADVERTISING SIGN	
UTILITY POWER POLE	⊠	MARSH	
TELEPHONE POLE	⊠	LIGHTING HANDHOLE	⊠
UTILITY TRAFFIC SIGNAL	⊠	LIGHTING POWER POLE	⊠
UTILITY LIGHT POLE	⊠	LIGHTING JUNCTION BOX	⊠
FIRE HYDRANT	⊠	LIGHTING HEAVYDUTY HANDHOLE	⊠
UTILITY MANHOLE	⊠	LIGHTING CONTROLLER	⊠
UTILITY TELEPHONE POLE	⊠	LIGHTING PULL POINT	⊠
UTILITY GUY POLE	⊠	HIGHWAY LIGHTING ELECTRICAL GROUND	⊠
PIPELINE WARNING SIGN	⊠	HIGHWAY LIGHTING SINGLE UNIT	⊠
UTILITY HANDHOLE	⊠	HIGHWAY LIGHTING DOUBLE UNIT	⊠
UTILITY SPLICE ABOVE GROUND	⊠	EXISTING CONCRETE BARRIER	
UTILITY JUNCTION BOX	⊠	EXISTING CREEK OR DITCH	
UTILITY HEAVY DUTY HANDHOLE	⊠	EXISTING EDGE OF PAVEMENT	
UTILITY DOUBLE HANDHOLE	⊠	EXISTING TELEPHONE LINE	
UTILITY CONTROLLER	⊠	EXISTING WATER LINE	
UTILITY WATER METER	⊠	EXISTING GAS LINE	
		HORIZONTAL CONTROL (PROVIDED BY IDOT)	

RIGHT OF WAY LEGEND

	SECTION CORNERS		QUARTER SECTION CORNERS
---	EXISTING CENTERLINE	---	EXISTING RIGHT OF WAY LINE
---	EXISTING IDOT EASEMENT LINE	---	EXISTING EASEMENT LINE
---	EXISTING ACCESS CONTROL LINE	---	EXISTING RIGHT OF WAY & PROPOSED ACCESS CONTROL LINE
---	PROPOSED ACCESS CONTROL LINE	---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE	---	PROPOSED TEMPORARY EASEMENT LINE
---	PROPOSED PERMANENT EASEMENT LINE	---	SECTION LINE
---	QUARTER SECTION LINE	---	QUARTER QUARTER SECTION LINE
---	PROPERTY LINE	---	APPARENT PROPERTY LINE
---	MEASURED DIMENSION	---	RECORDED DIMENSION
---	FOUND STONE	---	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
---	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED	---	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
---	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED	---	FOUND CUT CROSS
---	SET CUT CROSS	---	SAME OWNERSHIP
---	EXISTING BUILDING	---	STAKING OF PROPOSED RIGHT OF WAY CORNERS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE).

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CH	COUNTY HIGHWAY
Ch	CHAIN
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m ²	SQUARE METERS
N	NORTH
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT OF TANGENT
PL	PROPERTY LINE
PR	PROPOSED
RD	ROAD
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SO FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	CURVE LENGTH
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
e	EXTERNAL
Δ	CENTRAL ANGLE

PREPARED BY:

HDR
HDR Engineering, Inc.
1339 Walnut St. Murphysboro, IL. 62966-2026
618-684-5808
Illinois Professional Design Firm #184000829

GARY W. RAINES, PLS NO. 2428
LICENSE EXPIRATION DATE: 11/30/2012

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

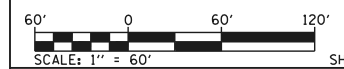
TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. THE FOLLOWING ITEMS WERE REMOVED FROM THE TOPOGRAPHY FILE AND REPLACED WITH FIELD SURVEY ITEMS: ROW MARKERS, FENCE, RR TRACKS, AND HORIZONTAL CONTROL (AS PROVIDED BY IDOT). TREES SYMBOLS AT THE 20 SCALE RECEIVED FROM IDOT WAS OVERWHELMING AT A 60 SCALE DUE TO THE QUANTITY OF TREES, SO TREE LINES WERE USED IN SOME LOCATIONS. ALSO NOTE THAT SOUTH OF IL RTE 15 ALONG THE WEST SIDE OF THE TRACKS THE TREES WERE REMOVED BY THE POWER COMPANY, SO DRAWINGS WERE UPDATED.

BASIS OF COORDINATE & BEARING STATEMENT

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON TRUNCATED STATE PLANE GROUND COORDINATES CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. PROJECT COORDINATES ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (1997) GROUND COORDINATES. TWO MILLION HAS BEEN TRUNCATED FROM THE EASTING TO DISTINGUISH PROJECT COORDINATES FROM GROUND COORDINATES. THE AVERAGE GRID FACTOR USED FOR THIS PLAT IS 0.99992678321. THE GRID COORDINATES WHEN DIVIDED BY THE AVERAGE GRID FACTOR USED WILL PROVIDE THE GROUND COORDINATES.

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 103 (IL ROUTE 15)
SECTION 27-1-VHB-1
ST. CLAIR COUNTY
JOB NO. R-98-020-09
GENERAL NOTES



SHEET 2 OF 6

ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	92
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PART OF THE NW 1/4 OF FRACTIONAL SECTION 35, T. 1 N., R. 8 W., OF THE 3RD P.M., ST. CLAIR COUNTY, ILLINOIS



SPACE RESERVED FOR RECORDING OFFICER

PART OF LOT 3 SECTION 35

PART OF LOT 4 SECTION 35
PLAT BOOK 'C', PAGE 379 RECORD
MARCH 29TH, 1870 BY COUNTY SURVEYOR

HDR HDR Engineering, Inc.
1339 Walnut St. Murphysboro, IL. 62966-2026
618-694-6808
Illinois Professional Design Firm #184000829

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 103 (IL ROUTE 15)
SECTION 27-1-VHB-1
ST. CLAIR COUNTY
JOB NO. R-98-020-09

ILLINOIS ROUTE 15 - STATION 692+87.7 TO STATION 704+00

60' 0 60' 120'
SCALE: 1" = 60' SHEET 3 OF 6

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	93

CONTRACT NO. 76884

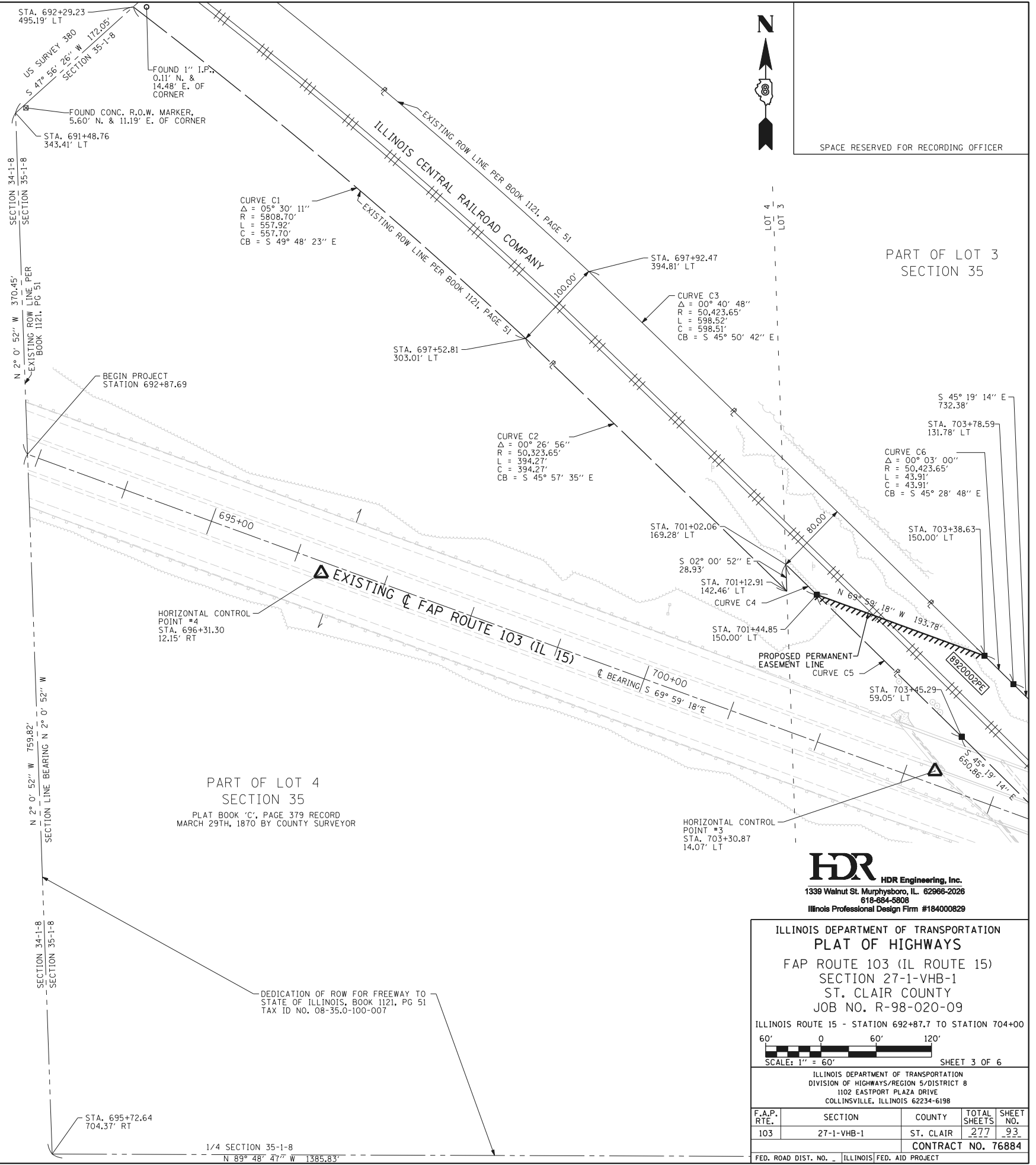
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
691+48.76	343.41' LT	665246.3177	354406.3082
692+29.23	495.19' LT	665361.4033	354533.8579
692+87.69	0.00'	664876.1001	354419.3302
695+72.64	704.37' RT	664116.7466	354446.0396
696+31.30	12.15' RT	664747.0978	354738.0392
701+44.85	150.00' LT	664723.7133	355276.0728
703+30.87	14.07' LT	664532.3277	355404.3457
703+38.63	150.00' LT	664657.3996	355458.1535
703+45.29	59.05' LT	664569.6594	355433.2793
703+78.59	131.78' LT	664626.6096	355489.4636

CURVE TABLE

CURVE	DEFLECTION	RADIUS	LENGTH	CHORD	CHORD BEARING
C1	05° 30' 11"	5808.70'	557.92'	557.70'	S 49° 48' 23" E
C2	00° 26' 56"	50,323.65'	394.27'	394.27'	S 45° 57' 35" E
C3	00° 40' 48"	50,423.65'	598.52'	598.51'	S 45° 50' 42" E
C4	00° 03' 12"	50,343.65'	46.94'	46.94'	S 45° 43' 56" E
C5	00° 15' 02"	50,343.65'	220.11'	220.11'	S 45° 34' 49" E
C6	00° 03' 00"	50,423.65'	43.91'	43.91'	S 45° 28' 48" E



STATE OF ILLINOIS)
COUNTY OF JACKSON)

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

GARY W. RAINES, PLS NO. 2428
LICENSE EXPIRATION DATE: 11/30/2012

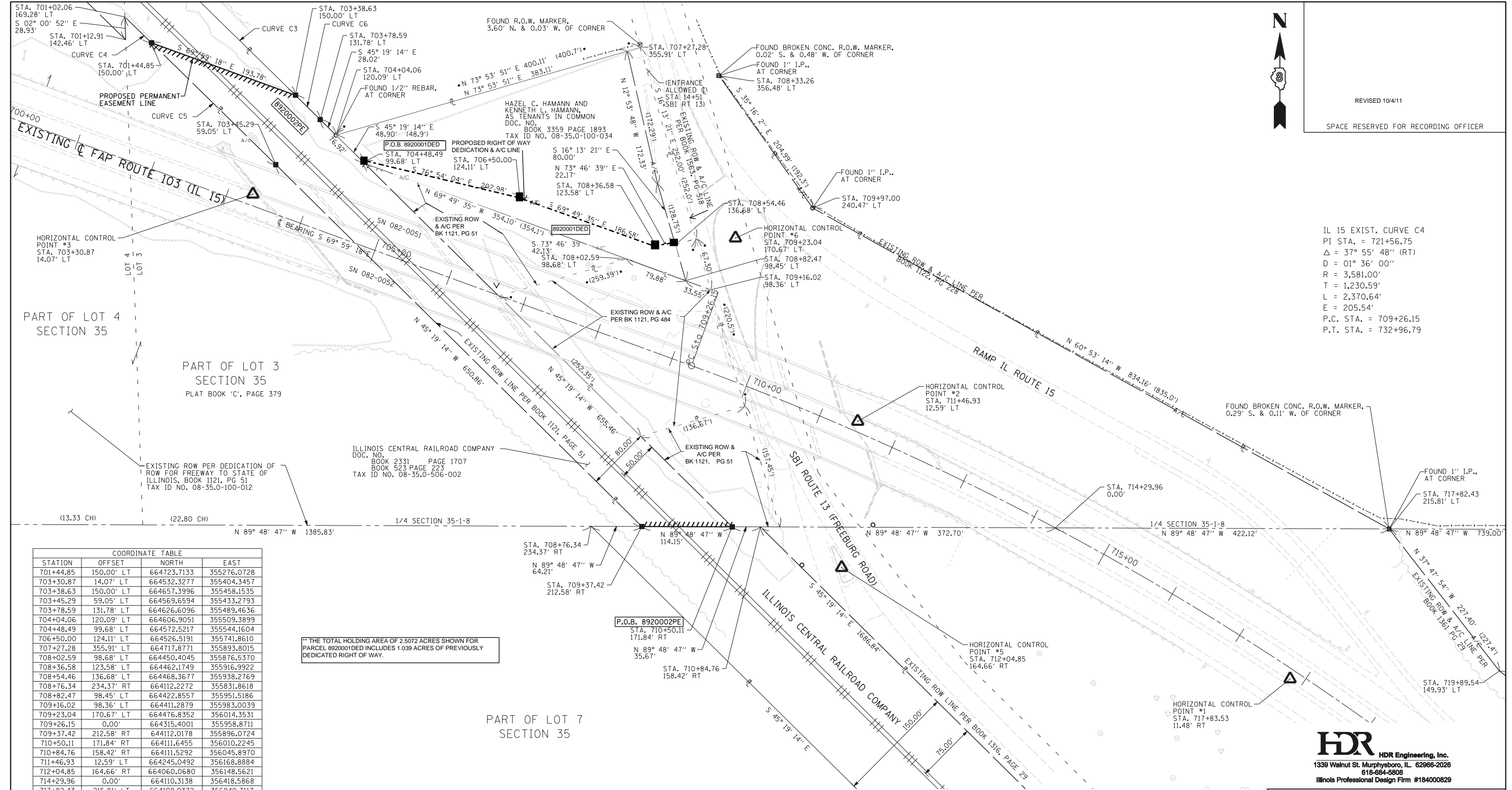
DEDICATION OF ROW FOR FREEWAY TO STATE OF ILLINOIS, BOOK 1121, PG 51
TAX ID NO. 08-35.0-100-007

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 11/02/2010	ROW STAKING:

PART OF THE NW 1/4 OF FRACTIONAL SECTION 35, T. 1 N., R. 8 W., OF THE 3RD P.M., ST. CLAIR COUNTY, ILLINOIS



REVISED 10/4/11
SPACE RESERVED FOR RECORDING OFFICER



IL 15 EXIST. CURVE C4
PI STA. = 721+56.75
Δ = 37° 55' 48" (RT)
D = 01° 36' 00"
R = 3,581.00'
T = 1,230.59'
L = 2,370.64'
E = 205.54'
P.C. STA. = 709+26.15
P.T. STA. = 732+96.79

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
701+44.85	150.00' LT	664723.7133	355276.0728
703+30.87	14.07' LT	664532.3277	355404.3457
703+38.63	150.00' LT	664657.3996	355458.1535
703+45.29	59.05' LT	664569.6594	355433.2793
703+78.59	131.78' LT	664626.6096	355489.4636
704+04.06	120.09' LT	664606.9051	355509.3899
704+48.49	99.68' LT	664572.5217	355544.1604
706+50.00	124.11' LT	664526.5191	355741.8610
707+27.28	355.91' LT	664717.8771	355893.8015
708+02.59	98.68' LT	664450.4045	355876.5370
708+36.58	123.58' LT	664462.1749	355916.9922
708+54.46	136.68' LT	664468.3677	355938.2769
708+76.34	234.37' RT	664112.2272	355831.8618
708+82.47	98.45' LT	664422.8557	355951.5186
709+16.02	98.36' LT	664411.2879	355983.0039
709+23.04	170.67' LT	664476.8352	356014.3531
709+26.15	0.00'	664315.4001	355958.8711
709+37.42	212.58' RT	644112.0178	355896.0724
710+50.11	171.84' RT	664111.6455	356010.2245
710+84.76	158.42' RT	664111.5292	356045.8970
711+46.93	12.59' LT	664245.0492	356168.8884
712+04.85	164.66' RT	664060.0680	356148.5621
714+29.96	0.00'	664110.3138	356418.5868
717+82.43	215.81' LT	664108.9372	356840.7117
717+83.53	11.48' RT	663919.2672	356715.4760
721+56.75	0.00' ON TAN.	663894.2785	357115.1651
732+96.79	0.00'	662851.3409	357768.3424

** THE TOTAL HOLDING AREA OF 2.5072 ACRES SHOWN FOR PARCEL 8920001DED INCLUDES 1.039 ACRES OF PREVIOUSLY DEDICATED RIGHT OF WAY.

CURVE TABLE

CURVE	DEFLECTION	RADIUS	LENGTH	CHORD	CHORD BEARING
C3	00° 40' 48"	50,423.65'	598.52'	598.51'	S 45° 50' 42" E
C4	00° 03' 12"	50,343.65'	46.94'	46.94'	S 45° 43' 56" E
C5	00° 15' 02"	50,343.65'	220.11'	220.11'	N 45° 34' 49" W
C6	00° 03' 00"	50,423.65'	43.91'	43.91'	S 45° 28' 48" E

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	RIGHT OF WAY AREA TO BE DEDICATED		PREVIOUSLY DEDICATED AND/OR USED				REMAINDER	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		ACRES	SQ. FT.		
8920001DED	HAZEL C. HAMANN AND KENNETH L. HAMANN, AS TENANTS IN COMMON TITLE REPORT NO. 18-2009SC-6309.0	2.5072	0.1901	8,282	N/A	N/A	N/A	N/A	2.5072	N/A	N/A	08-35.0-100-034	
8920002	ILLINOIS CENTRAL RAILROAD COMPANY TITLE REPORT NO. 18-2009SC-6311.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PE: 1.5124 PE: 65,881	PE: HIGHWAY CONSTRUCTION & MAINTENANCE	08-35.0-506-002	

STATE OF ILLINOIS)
) SS
COUNTY OF JACKSON)

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
GARY W. RAINES, PLS NO. 2428
LICENSE EXPIRATION DATE: 11/30/2012



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 103 (IL ROUTE 15)
SECTION 27-1-VHB-1
ST. CLAIR COUNTY
JOB NO. R-98-020-09

ILLINOIS ROUTE 15 - STATION 701+00 TO STATION 718+00

SCALE: 1" = 60'

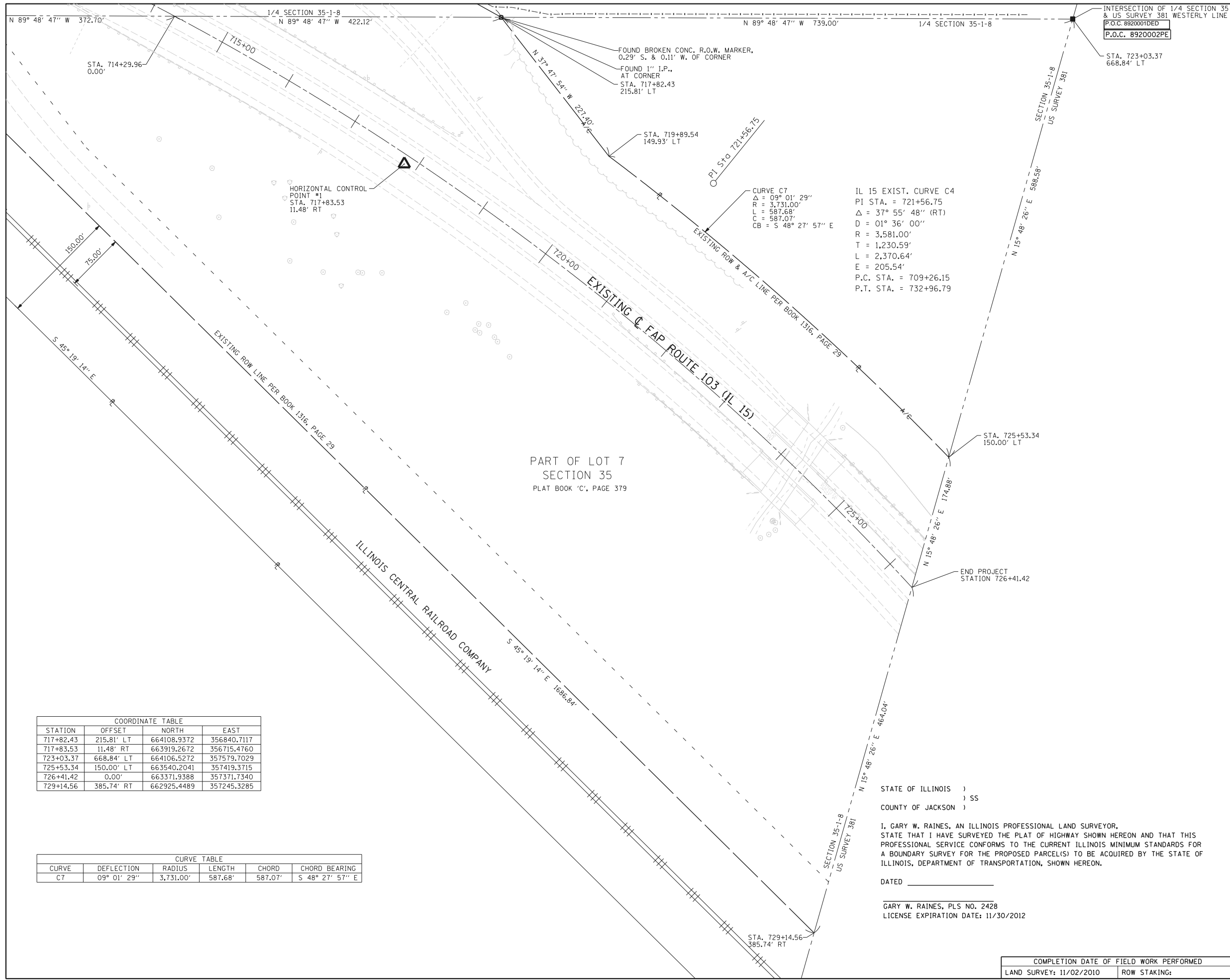
SHEET 4 OF 6


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	94

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/02/2010 ROW STAKING: _____
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

CONTRACT NO. 76884

PART OF THE NW 1/4 OF FRACTIONAL SECTION 35, T. 1 N., R. 8 W., OF THE 3RD P.M., ST. CLAIR COUNTY, ILLINOIS




 REVISED 10/4/11
 SPACE RESERVED FOR RECORDING OFFICER

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
717+82.43	215.81' LT	664108.9372	356840.7117	
717+83.53	11.48' RT	663919.2672	356715.4760	
723+03.37	668.84' LT	664106.5272	357579.7029	
725+53.34	150.00' LT	663540.2041	357419.3715	
726+41.42	0.00'	663371.9388	357371.7340	
729+14.56	385.74' RT	662925.4489	357245.3285	


CURVE TABLE					
CURVE	DEFLECTION	RADIUS	LENGTH	CHORD	CHORD BEARING
C7	09° 01' 29"	3,731.00'	587.68'	587.07'	S 48° 27' 57" E

STATE OF ILLINOIS)
) SS
 COUNTY OF JACKSON)

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
 STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
 PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
 A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
 ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

GARY W. RAINES, PLS NO. 2428
 LICENSE EXPIRATION DATE: 11/30/2012


HDR Engineering, Inc.
 1339 Walnut St. Murphysboro, IL 62966-2026
 618-684-5808
 Illinois Professional Design Firm #18400829

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 103 (IL ROUTE 15)
 SECTION 27-1-VHB-1
 ST. CLAIR COUNTY
 JOB NO. R-98-020-09

ILLINOIS ROUTE 15 - STATION 714+00 TO STATION 726+41.4

60' 0 60' 120'
 SCALE: 1" = 60' SHEET 5 OF 6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	95

CONTRACT NO. 76884

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 11/02/2010	ROW STAKING:

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

PART OF THE NW 1/4 OF FRACTIONAL SECTION 35, T. 1 N., R. 8 W., OF THE 3RD P.M., ST. CLAIR COUNTY, ILLINOIS

**SURVEY OF PART OF SECTION 35, TOWNSHIP 1 NORTH, RANGE 8 WEST, OF THE 3RD PRINCIPAL MERIDIAN,
AND OF THE EAST LINE OF US SURVEY 380 AND OF THE WEST LINE OF US SURVEY 381,
IN ST. CLAIR COUNTY, ILLINOIS**

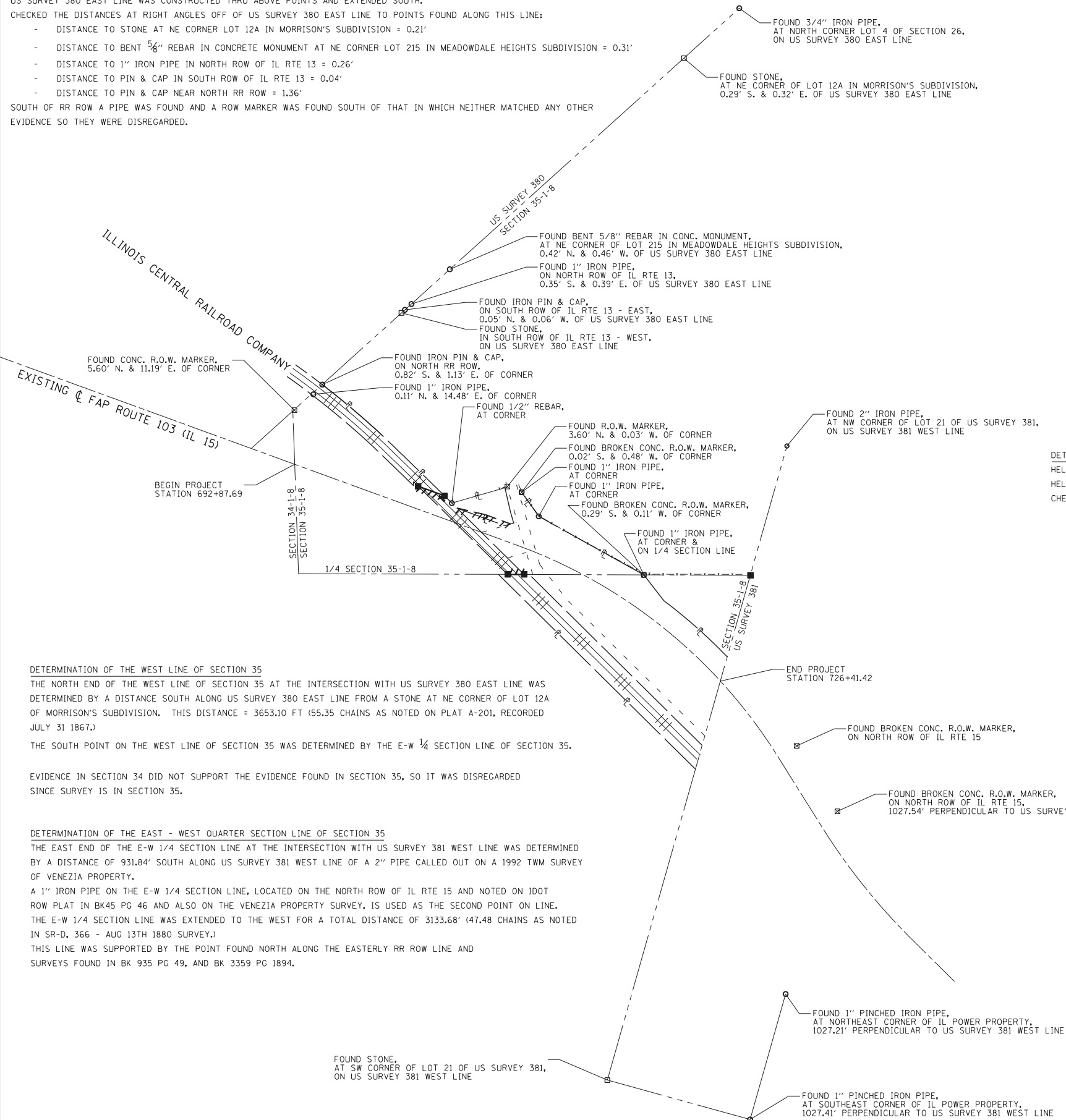


SPACE RESERVED FOR RECORDING OFFICER

DETERMINATION OF EAST LINE OF US SURVEY 380
HELD A 3/4" PIPE AT NORTH CORNER OF LOT 4 OF SECTION 26.
HELD A STONE AT SOUTH ROW OF IL RTE 13.
US SURVEY 380 EAST LINE WAS CONSTRUCTED THRU ABOVE POINTS AND EXTENDED SOUTH.
CHECKED THE DISTANCES AT RIGHT ANGLES OFF OF US SURVEY 380 EAST LINE TO POINTS FOUND ALONG THIS LINE:

- DISTANCE TO STONE AT NE CORNER LOT 12A IN MORRISON'S SUBDIVISION = 0.21'
- DISTANCE TO BENT 5/8" REBAR IN CONCRETE MONUMENT AT NE CORNER LOT 215 IN MEADOWDALE HEIGHTS SUBDIVISION = 0.31'
- DISTANCE TO 1" IRON PIPE IN NORTH ROW OF IL RTE 13 = 0.26'
- DISTANCE TO PIN & CAP IN SOUTH ROW OF IL RTE 13 = 0.04'
- DISTANCE TO PIN & CAP NEAR NORTH RR ROW = 1.36'

SOUTH OF RR ROW A PIPE WAS FOUND AND A ROW MARKER WAS FOUND SOUTH OF THAT IN WHICH NEITHER MATCHED ANY OTHER EVIDENCE SO THEY WERE DISREGARDED.



DETERMINATION OF THE WEST LINE OF US SURVEY 381 (a.k.a. WEST LINE OF LOT 21)
HELD A 2" PIPE AT NORTHWEST CORNER OF LOT 21 OF US SURVEY 381.
HELD A STONE AT SOUTHWEST CORNER OF LOT 21 OF US SURVEY 381.
CHECKED THE DISTANCES AT RIGHT ANGLES OFF OF US SURVEY 381 WEST LINE TO THE POINTS FOUND ON EAST LINE OF LOT 21.

DETERMINATION OF THE WEST LINE OF SECTION 35
THE NORTH END OF THE WEST LINE OF SECTION 35 AT THE INTERSECTION WITH US SURVEY 380 EAST LINE WAS DETERMINED BY A DISTANCE SOUTH ALONG US SURVEY 380 EAST LINE FROM A STONE AT NE CORNER OF LOT 12A OF MORRISON'S SUBDIVISION. THIS DISTANCE = 3653.10 FT (55.35 CHAINS AS NOTED ON PLAT A-201, RECORDED JULY 31 1867.)
THE SOUTH POINT ON THE WEST LINE OF SECTION 35 WAS DETERMINED BY THE E-W 1/4 SECTION LINE OF SECTION 35.

EVIDENCE IN SECTION 34 DID NOT SUPPORT THE EVIDENCE FOUND IN SECTION 35, SO IT WAS DISREGARDED SINCE SURVEY IS IN SECTION 35.

DETERMINATION OF THE EAST - WEST QUARTER SECTION LINE OF SECTION 35
THE EAST END OF THE E-W 1/4 SECTION LINE AT THE INTERSECTION WITH US SURVEY 381 WEST LINE WAS DETERMINED BY A DISTANCE OF 931.84' SOUTH ALONG US SURVEY 381 WEST LINE OF A 2" PIPE CALLED OUT ON A 1992 TWM SURVEY OF VENEZIA PROPERTY.
A 1" IRON PIPE ON THE E-W 1/4 SECTION LINE, LOCATED ON THE NORTH ROW OF IL RTE 15 AND NOTED ON IDOT ROW PLAT IN BK45 PG 46 AND ALSO ON THE VENEZIA PROPERTY SURVEY, IS USED AS THE SECOND POINT ON LINE.
THE E-W 1/4 SECTION LINE WAS EXTENDED TO THE WEST FOR A TOTAL DISTANCE OF 3133.68' (47.48 CHAINS AS NOTED IN SR-D, 366 - AUG 13TH 1880 SURVEY.)
THIS LINE WAS SUPPORTED BY THE POINT FOUND NORTH ALONG THE EASTERLY RR ROW LINE AND SURVEYS FOUND IN BK 935 PG 49, AND BK 3359 PG 1894.

STATE OF ILLINOIS)
) SS
COUNTY OF JACKSON)

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

GARY W. RAINES, PLS NO. 2428
LICENSE EXPIRATION DATE: 11/30/2012

HDR HDR Engineering, Inc.
1339 Walnut St. Murphysboro, IL. 62966-2026
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Illinois Professional Design Firm #18400829

**ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS**

FAP ROUTE 103 (IL ROUTE 15)
SECTION 27-1-VHB-1
ST. CLAIR COUNTY
JOB NO. R-98-020-09
ILLINOIS ROUTE 15 - SURVEY

SHEET 6 OF 6

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

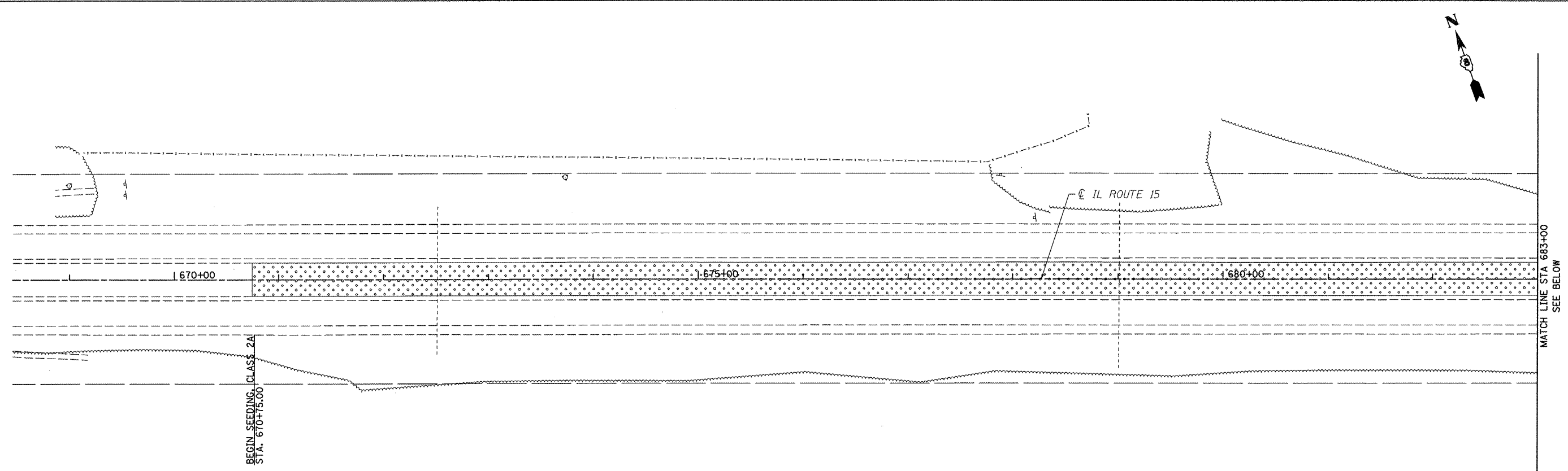
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	266

CONTRACT NO. 76884

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 11/02/2010	ROW STAKING:

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

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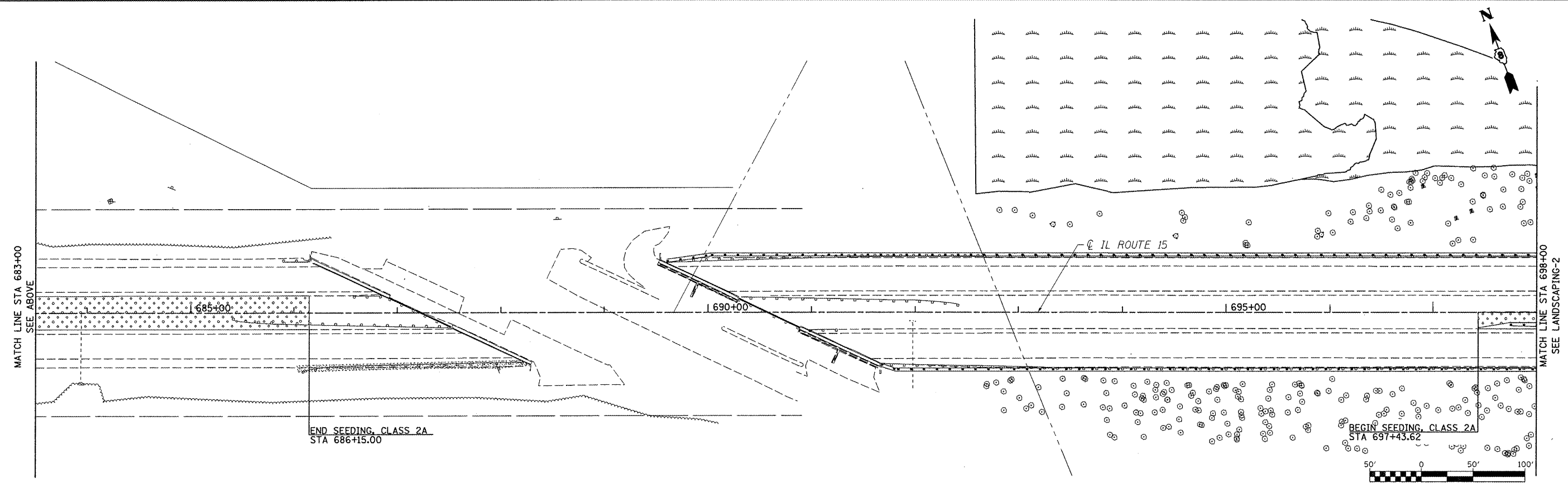


- LEGEND**
- SEEDING CLASS 2
 - SEEDING CLASS 2A

NOTE:
HEAVY DUTY EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SIDE SLOPES GREATER THAN 1:2.5.

BEGIN SEEDING, CLASS 2A
 STA. 670+75.00

MATCH LINE STA 683+00
 SEE BELOW

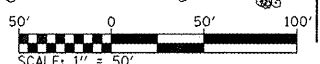


MATCH LINE STA 683+00
 SEE ABOVE

END SEEDING, CLASS 2A
 STA 686+15.00

BEGIN SEEDING, CLASS 2A
 STA 697+43.62

MATCH LINE STA 698+00
 SEE LANDSCAPING-2



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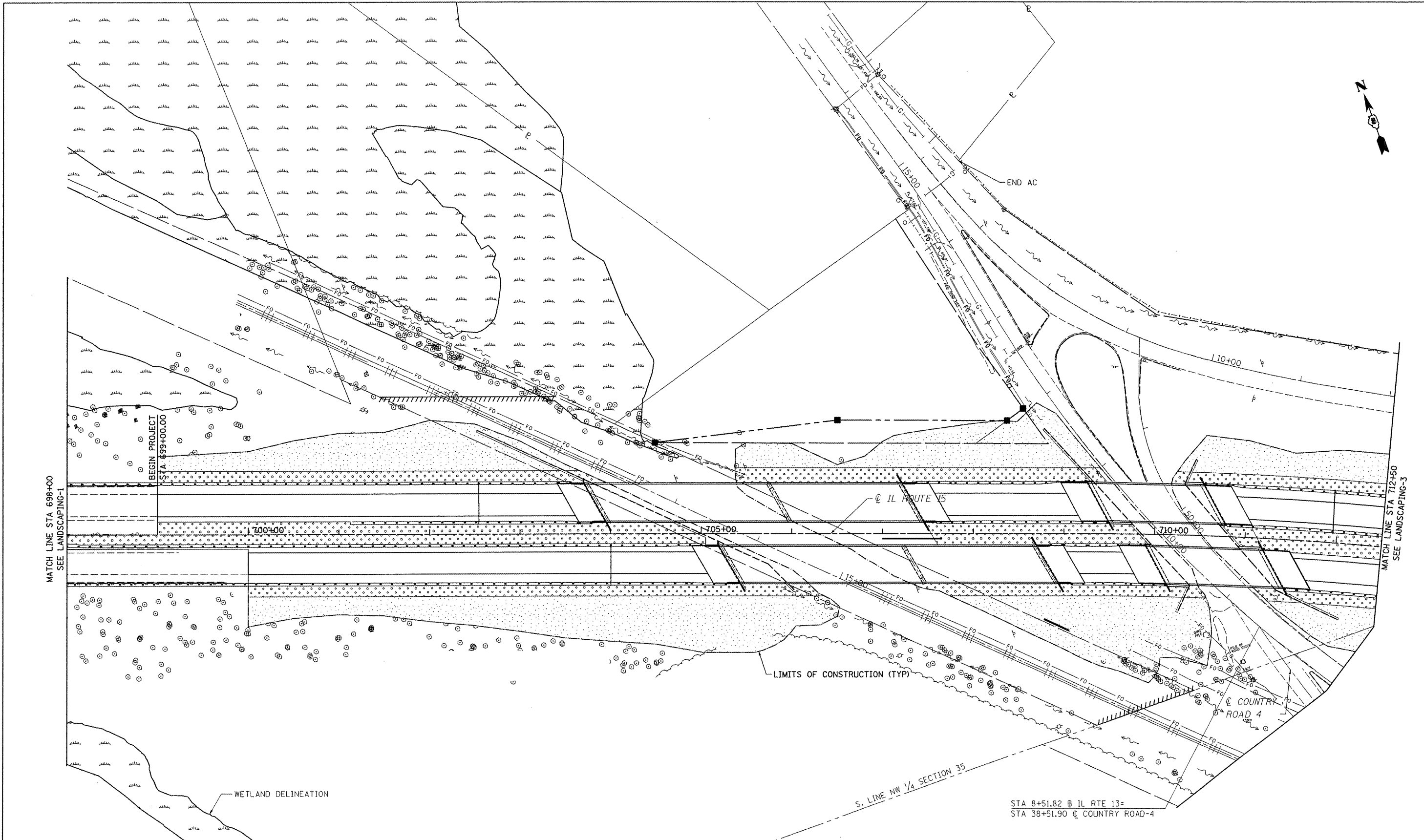
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PLOT DATE = 10/20/2011	DATE	10-19-11	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. 670+75.00 TO STA. 698+00.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	97
			CONTRACT NO. 76884	
ILLINOIS FED. AID PROJECT				



LEGEND

- SEEDING CLASS 2
- SEEDING CLASS 2A

NOTE:

HEAVY DUTY EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SIDE SLOPES GREATER THAN 1:2.5.

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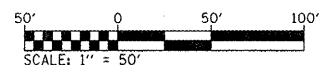
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CHECKED	JAP	REVISED	-
DATE	10-19-11	REVISED	-

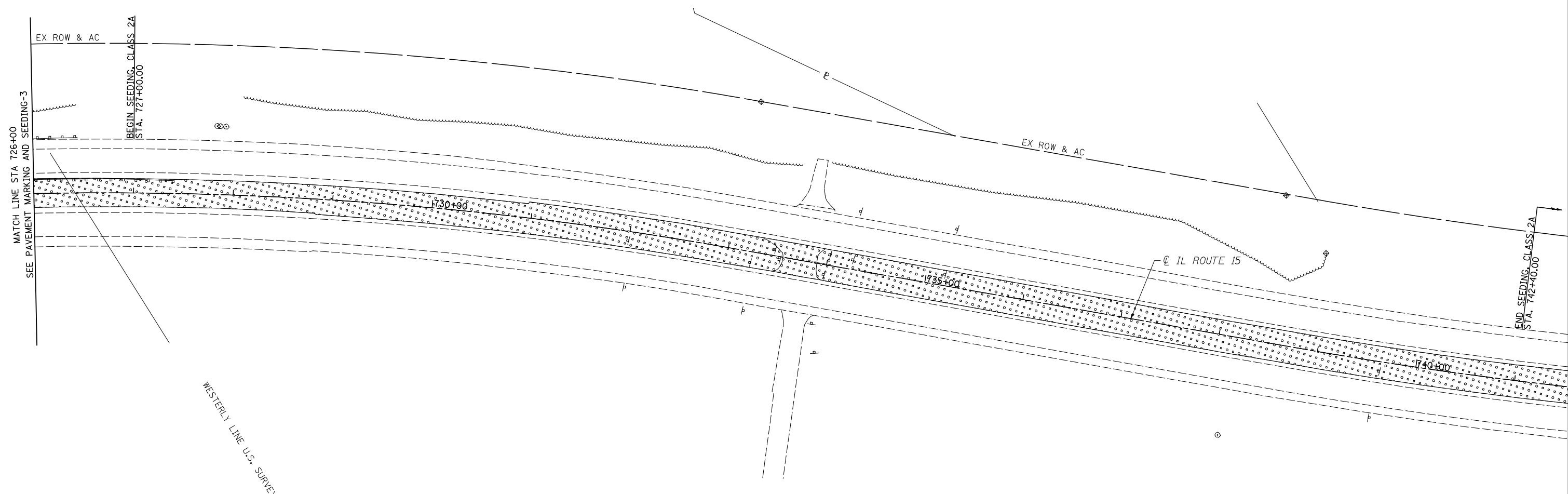
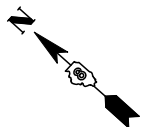
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 698+00.00 TO STA. 712+50.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	98
CONTRACT NO. 76884			ILLINOIS FED. AID PROJECT	

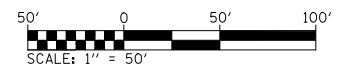




LEGEND

	SEEDING CLASS 2
	SEEDING CLASS 2A

NOTE:
 HEAVY DUTY EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SIDE SLOPES GREATER THAN 1:2.5.



FILE NAME = D876884.sht;pr-1s.dgn	USER NAME = thompsrd	DESIGNED RDT	REVISED -
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	PLOT DATE = 10/20/2011	DATE 10-19-11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING

SCALE: 1" = 50' SHEET NO. 4 OF 4 SHEETS STA. 726+00.00 TO STA. 741+15.00

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	100
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				