

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	11BR	ILLINOIS	415	1
CONTRACT NO. 66A69				

• BUREAU & PUTNAM

D-93-063-14



FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
F.A.P. ROUTE 698 (IL 89)
DESIGN SPEED: 50 MPH
 2011 ADT = 5,650
 2035 ADT = 7,000
 P.V. = 90.0% S.U. = 5.0% M.U. = 5.0%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED August 11 20 15
Paul L. Loefer
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Oct 2 20 15
Don D. Baranzelli
 ENGINEER OF DESIGN AND ENVIRONMENT

Oct 2 20 15
Omer Osman
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

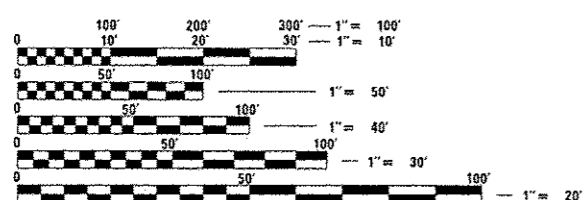
F.A.P. 698 (IL 89)
 SECTION (1)BR
 REPLACEMENT OF BRIDGE OVER THE ILLINOIS RIVER AT SPRING VALLEY
 PROJECT: ACF-0698(037)
 BUREAU & PUTNAM COUNTIES
 C-93-027-11

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

PROJECT LOCATED NEAR THE CITY OF SPRING VALLEY

POSTED SPEED LIMIT

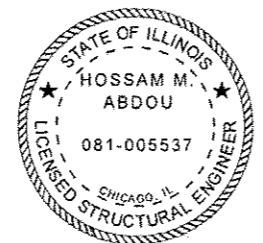
VARIES: 55 MPH AT S. PROJECT LIMIT;
 50 MPH ON THE ILLINOIS RIVER BRIDGE AND ITS APPROACHES;
 35 MPH ON THE RAILROAD BRIDGE (N. LIMIT) AND ITS APPROACHES.



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

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

PROJECT ENGINEER: CRAIG REED, P.E.
 UNIT CHIEF: PAT BRABOY, P.E.
 CONTRACT NO. 66A69

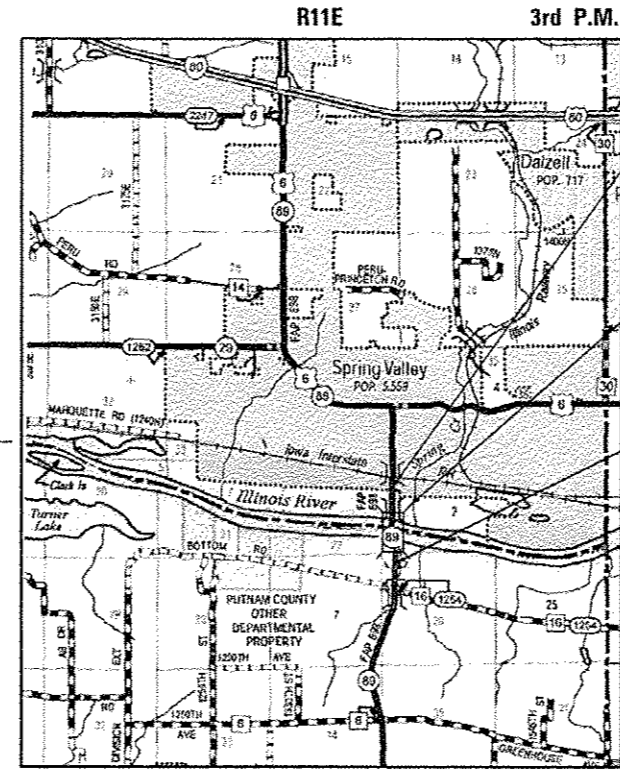


Hossam Abdou
 ALFRED BENESCH & COMPANY

BUREAU COUNTY T16N
 PUTNAM COUNTY T33N



Joselio N. Reambilo
 ALFRED BENESCH & COMPANY



LOCATION MAP
 NOT TO SCALE

GROSS LENGTH = 4953 FT. = 0.94 MILE
 NET LENGTH = 4953 FT. = 0.94 MILE

BEGIN IMPROVEMENT
 STA. 133 + 46.91
 IL 89

PROPOSED STRUCTURE
 NO. 078-0047

EXISTING STRUCTURE
 NO. 078-0006

END IMPROVEMENT
 STA. 183 + 00.00
 IL 89

T16N BUREAU COUNTY
 T33N PUTNAM COUNTY

benesch
 engineers · scientists · planners
 Alfred Benesch & Company
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450
 Job No. 10141.01

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 001001-02 AREAS OF REINFORCEMENT BARS
 001006 DECIMAL EQUIVALENTS OF AN INCH AND OF A FOOT
 202001-01 EARTH MEDIAN DITCH CHECK
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 353001-04 BASE COURSE, PCC WITH HMA BINDER AND SURFACE COURSES
 420001-08 PAVEMENT JOINTS
 420101-05 24' (7.2M) JOINTED PCC PAVEMENT
 420401-11 BRIDGE APPROACH PAVEMENT CONNECTOR
 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 483001-04 PCC SHOULDER
 515001-03 NAME PLATE FOR BRIDGES
 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
 601101-01 CONCRETE HEADWALL FOR PIPE DRAIN
 601001-04 SUB-SURFACE DRAINS
 602001-02 CATCH BASIN, TYPE A
 602401-03 MANHOLE TYPE A
 602701-02 MANHOLE STEPS
 604001-04 FRAME AND LIDS TYPE I
 604091-03 FRAME AND GRATE TYPE 24
 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 606006-02 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
 606201-02 TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
 606301-04 PC CONCRETE ISLANDS AND MEDIANS
 606306-03 CORRUGATED PC CONCRETE MEDIANS
 630001-10 STEEL PLATE BEAM GUARDRAIL
 630101-09 GUARDRAIL MOUNTED ON EXISTING CULVERTS
 630201-06 PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
 631006-08 TRAFFIC BARRIER TERMINAL, TYPE 1B
 631031-13 TRAFFIC BARRIER TERMINAL, TYPE 6
 631051-03 TRAFFIC BARRIER TERMINAL, TYPE 11
 635001-01 DELINEATORS
 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
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 664001-02 CHAIN LINK FENCE
 666001-01 RIGHT-OF-WAY MARKERS
 667001-01 DRAINAGE MARKERS
 667101-02 PERMANENT SURVEY MARKERS
 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
 701006-05 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
 701901-04 TRAFFIC CONTROL DEVICES
 704001-07 TEMPORARY CONCRETE BARRIER
 720001-01 SIGN PANEL MOUNTING DETAILS
 720006-04 SIGN PANEL ERECTION DETAILS
 720011-01 POSTS, METAL, FOR SIGNS, MARKERS, AND DELINEATORS
 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
 780001-05 TYPICAL PAVEMENT MARKINGS
 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
 812001 RACEWAY EMBEDDED IN STRUCTURE
 821101-01 LUMINAIRE WIRING DIAGRAM
 825001-02 LIGHTING CONTROLLER, POLE MOUNTED, 240V
 826006-01 NAVIGATION OBSTRUCTION LIGHTING CONTROLLER, 480V
 830006-03 LIGHT POLE ALUMINUM DAVIT ARM
 836001-02 LIGHT POLE FOUNDATION
 838001 BREAKAWAY DEVICES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DISTRICT THREE

PREPARED BY: Don Bevil
 DISTRICT STUDIES & PLANS ENGINEER

DATE: August 11, 2015

EXAMINED BY: Herbert J. ...
 DISTRICT CONSTRUCTION ENGINEER

Wayne L. Phillips
 DISTRICT MATERIALS ENGINEER

Donald A. ...
 DISTRICT OPERATIONS ENGINEER

COMMITMENTS

GENERAL NOTES

1. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
2. THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.
3. THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
4. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
5. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
6. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
7. FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
8. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDING WILL BE DETERMINED BY THE ENGINEER.
9. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS. NO TREES WILL BE REMOVED FROM APRIL 1ST TO NOVEMBER 15TH DUE TO FEDERALLY PROTECTED BAT SPECIES HABITAT.
10. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDING OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
11. SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.
12. DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.
13. ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
14. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
15. QUANTITIES FOR SETTLEMENT CORRECTION ARE INCLUDED IN THE PLANS AND A TABULATED SETTLEMENT CORRECTION SCHEDULE IS SHOWN ON THE EXISTING TYPICAL SECTIONS.
16. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
17. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

18. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

19. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
20. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
21. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
22. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: AMEREN ELECTRIC, AMEREN GAS, FRONTIER TELEPHONE, AND SPRING VALLEY WATER AND SANITARY.
23. NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NONE.
24. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

1. WETLAND MITIGATION WILL BE REQUIRED. USE OF A WETLAND MITIGATION BANK IS PROPOSED TO SATISFY THE MITIGATION REQUIREMENTS. SILT FENCE WILL BE PLACED AT THE CONSTRUCTION LIMITS ADJACENT TO WETLAND SITES 1, 4, 6, 8, 9, 10, 11, AND 12 AS A PROTECTION MEASURE, PURSUANT TO THE WETLAND IMPACT EVALUATION (WIE).
2. THE PROJECT WILL IMPACT A FEDERALLY AND STATE THREATENED PLANT SPECIES. THE REQUIRED MITIGATION OF THE IMPACT CONSISTS OF DECOMPACTING DISTURBED AREA THROUGH DISKING, AND THEN SEEDING WITH A NON-AGGRESSIVE, NON-PERMANENT COVER. PER THE BIOLOGICAL RESOURCES REVIEW DATED DECEMBER 13, 2012.
3. THE REPLACEMENT AND REMOVAL OF THE EXISTING BRIDGE IS AN ADVERSE EFFECT UNDER SECTION 106/4(F), REQUIRED MITIGATION CONSISTS OF EXECUTING A MEMORANDUM OF AGREEMENT (MOA) BETWEEN IDOT, FHWA AND SHPO. THE MOA REQUIRES IDOT BDE TO SUBMIT DOCUMENTATION CONCERNING THE ILLINOIS ROUTE 89 BRIDGE OVER THE ILLINOIS RIVER TO THE SHPO TO THE STANDARDS OF THE ILLINOIS HISTORIC AMERICAN ENGINEERING RECORD AT LEVEL 3. IDOT MUST RECEIVE CONCURRENCE FROM THE ILLINOIS SHPO THAT THE DOCUMENTATION IS ACCEPTABLE PRIOR TO IDOT DEMOLISHING THE EXISTING BRIDGE.
4. ACCESS TO BARTO'S LANDING AND THE SPRING VALLEY WASTEWATER TREATMENT PLANT WILL BE MAINTAINED DURING CONSTRUCTION.
5. THE PROJECT WILL INCLUDE REPLACEMENT OF THE EXISTING DELINEATORS ALONG THE REALIGNED SERVICE DRIVE TO THE SPRING VALLEY BOAT CLUB.
6. THE MIGRATORY BIRD TREATY ACT (MBTA) PROHIBITS THE TAKING, KILLING, POSSESSION, TRANSPORT, AND IMPORTATION OF MIGRATORY BIRDS, THEIR EGGS, PARTS, AND NESTS, EXCEPT WHEN SPECIFICALLY AUTHORIZED BY THE SERVICE. AS SUCH MIGRATORY BIRD NESTS ATTACHED TO THE CURRENT BRIDGE SHOULD BE REMOVED OUTSIDE OF THE BREEDING SEASON. THE BREEDING SEASON IN ILLINOIS IS DEFINED AS MID-APRIL THROUGH MID-AUGUST. EFFORTS SHOULD BE MADE TO PREVENT BIRDS FROM RE-NESTING IF THE BRIDGE WILL BE REMOVED DURING THE BREEDING SEASON. ADDITIONALLY, ANY HABITAT MODIFICATION THAT WILL OCCUR AS A RESULT OF THIS PROJECT, SUCH AS TREE CLEARING, SHOULD BE ACCOMPLISHED OUTSIDE OF THE BREEDING SEASON TO AVOID HARMING ACTIVE NESTS.
7. NO CONTRACTOR MATERIAL STORAGE OR WORK SHALL BE PERFORMED AT BARTO'S BOAT LANDING
8. THE ENGINEER SHALL CONTACT THE SUPERVISOR OF ADM TO INFORM HIM/HER OF THE CONTRACTOR'S SEQUENCE OF OPERATIONS PRIOR TO CONSTRUCTION.
9. A STRUCTURAL STATUS FORM IS TO BE PROVIDED.
10. THE CONTRACTOR IS TO COMPLY WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
11. 404 PERMIT
12. IEPA PERMIT
13. THE R.E. SHALL COORDINATE WITH THE BUREAU OF OPERATIONS AT PROJECT COMPLETION INFORMING THEM OF NON-MOWABLE AREAS.
14. SPRING VALLEY BOAT CLUB COMMITMENTS:

THE CONTRACTOR IS TO COMPLY WITH DUST ABATEMENT PRACTICES AS DIRECTED BY THE ENGINEER.

ACCESS TO THE SPRING VALLEY BOAT CLUB IS TO BE PROVIDED AT ALL TIMES.

THE CONTRACTOR IS TO REQUEST THE SPRING VALLEY BOAT CLUB (SVBC) REPRESENTATIVE NAME AND NUMBER WILL BE PROVIDED TO IDOT. THE RESIDENT ENGINEER IS REQUESTED TO COORDINATE CONSTRUCTION WITH THE SVBC REPRESENTATIVE TO MINIMIZE DISRUPTION DURING THEIR BUSIEST ACTIVITIES.

ACCESS IS TO BE PROVIDED AT ALL TIMES ALONG THE ROAD ADJACENT TO THE WEST SIDE OF THE SVBC BUILDING ALL THE WAY TO THE DOCKS AND RETAIL GAS PUMPS.
15. THE CONTRACTOR IS TO DELIVER THE EXISTING BRIDGE PLAQUE (LOCATED ON THE TRUSS, APPROXIMATELY 5' ABOVE THE BRIDGE DECK, ON THE SOUTHEAST PART OF THE TRUSS) TO THE RESIDENT ENGINEER ONCE IT IS REMOVED FROM THE EXISTING BRIDGE. INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES.
16. SEEDING WITHIN WETLAND SITES MUST BE 48. WE CANNOT HAVE PERENNIAL GRASSES IN THE MIX. ONLY TEMPORARY SEEDS MUST BE USED. THE EXISTING SEEDS WITHIN THE WETLAND WILL REGENERATE AFTER THE REMOVAL OF THE HAUL ROAD AND THE TEMPORARY CROSSING DEVICES.
17. R.E. TO CONTACT CITY OF SPRING VALLEY IMMEDIATELY AFTER CONTRACT IS AWARDED TO SEE IF THE CITY STILL WANTS THE PAY ITEM "CAP EXISTING 4" "

FILE NAME =	USER NAME = jreanillo	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & PROJECT COMMITMENTS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...1036669-sh1-gennote.dgn		DRAWN TMB	REVISED -		SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	415	3
		CHECKED JNR	REVISED -								PUTNAM/BUREAU			
		DATE 8/10/2015	REVISED -								CONTRACT NO. 66A69			

SUMMARY OF QUANTITIES			RURAL	80% FEDERAL STATE		80% FEDERAL STATE		80% FEDERAL CITY		100% CITY						
CODE	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE		ROADWAY		HIGHWAY LIGHTING	ROADWAY	UTILITY
				0004	0011	0011	0021	0011	0021	0011	0021	0021	0094			
				BUREAU (011)	PUTNAM (155)	SN 078-0047		PUTNAM (155)	BUREAU (011)	PUTNAM (155)	BUREAU (011)	BUREAU (011)	BUREAU (011)			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,024	76	948											
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	291		291											
20101000	TEMPORARY FENCE	FOOT	9,197	3,788	5,409											
20200100	EARTH EXCAVATION	CU YD	15,260	7,650	7,610											
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,751	3,241	3,510											
20400800	FURNISHED EXCAVATION	CU YD	84,006	47,283	35,737										986	
20800150	TRENCH BACKFILL	CU YD	130	95	35											
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	10,224	4,861	5,363											
25000210	SEEDING, CLASS 2A	ACRE	1.75	0.75	1.00											
25000300	SEEDING, CLASS 3	ACRE	6.25	3.75	2.50											
25000314	SEEDING, CLASS 4B	ACRE	1.50	0.50	1.00											
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	693	390	303											
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	693	390	303											
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	693	390	303											

• SPECIALTY ITEM

FILE NAME ...V000036664-INT-500.01.dgn	USER NAME jgreer@tdo	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE. 698	SECTION 1 (BR)	COUNTY PUTNAM/BUREAU	TOTAL SHEETS 415	SHEET NO. 4		
MODEL NAME	PLOT SCALE 1"=10'	CHECKED JHR	REVISED -			SHEET 1 OF 16 SHEETS		CONTRACT NO. 66AG9		ILLINOIS FED. AID PROJECT		
	PLOT DATE 8/26/2015	DATE 8/10/2015	REVISED -			STA. TO STA.						

SUMMARY OF QUANTITIES		UNIT	RURAL TOTAL QUANTITY	80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		100% CITY			
CODE	ITEM			ROADWAY		BRIDGE	HIGHWAY LIGHTING		BRIDGE	ROADWAY	HIGHWAY LIGHTING	ROADWAY	UTILITY
				0004		0011	0021		0011	0021	0021	0004	0043
				BUREAU (011)	PUTNAM (155)	SN 078-0047		SN 006-0164	BUREAU (011)	BUREAU (011)	BUREAU (011)		
NP 25000750	MOWING	ACRE	16	9	7								
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	37,268	20,957	16,311								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	761	358	403								
28000305	TEMPORARY DITCH CHECKS	FOOT	640	640									
28000400	PERIMETER EROSION BARRIER	FOOT	11,005	5,132	5,873								
28000500	INLET AND PIPE PROTECTION	EACH	8	3	5								
28000510	INLET FILTERS	EACH	43	28	15								
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	36,786	17,287	19,499								
28100105	STONE RIPRAP, CLASS A3	SO YD	3,966	1,676	2,290								
28100107	STONE RIPRAP, CLASS A4	SO YD	1,665		1,665								
28100109	STONE RIPRAP, CLASS A5	SO YD	2,160				2,150				10		
28200200	FILTER FABRIC	SO YD	7,906	2,890	2,866		2,150						
28500400	ARTICULATED BLOCK REVETMENT MAT	SO YD	640		640								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	14,156	9,232	4,924								

• SPECIALTY ITEM

NP = Non-participating (100% State)

FILE NAME ...:\SD0\036666\1-sh1-SCB.02.dgn	DESIGNED SEW DRAWN TMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#MODULE NAME	CHECKED JHR	REVISED -		SCALE: NTS	SHEET 2	OF 16 SHEETS	698	1 (BR)	PUTNAM/BUREAU	415	5
	DATE 8/10/2015	REVISED -							CONTRACT NO. G6AG9		
									ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				RURAL		90% FEDERAL 20% STATE			90% FEDERAL 20% STATE		80% FEDERAL 20% CITY		100% CITY			
CODE	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004		BRIDGE 0011		HIGHWAY LIGHTING 0021		BRIDGE 0011		ROADWAY 0021		HIGHWAY LIGHTING	ROADWAY	UTILITY
				BUREAU (011)	PUTNAM (155)	SN 078-0047		SN 096-0164		SN 096-0164		SIDEWALK		0021	0004	0043
						PUTNAM (155)		BUREAU (011)		BUREAU (011)		BUREAU (011)				
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SO YD	1,334	1,334												
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	743	743												
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	4,010		4,010											
40200300	AGGREGATE SURFACE COURSE, TYPE A 4"	SO YD	1,334	1,334												
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	2,312	1,820	492											
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	20,303	8,072	12,231											
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	407		407											
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,222	1,004.5	217.5											
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	362		362											
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SO YD	14,456	9,223	5,233											
42001300	PROTECTIVE COAT	SO YD	18,689	10,665	8,024											
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	1,067	678	389											
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	6,235									6,235				
42400800	DETECTABLE WARNINGS	SO FT	31									31				

• SPECIALTY ITEM

FILE NAME ...NS00\036669\shc-SC0_03.dwg	USER NAME greenosillo	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			E.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE 1"=10'	CHECKED JNR	DATE 8/10/2015	REVISED -					698	1 (DR)	PUTNAM/BUREAU	415	5
MODEL NAME	DATE 8/26/2015	DATE 8/10/2015	REVISED -		SCALE: NTS	SHEET 3	OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 66AG9	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES		RURAL	80% FEDERAL 20% STATE				80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		100% CITY			
CODE	ITEM		UNIT	TOTAL QUANTITY	ROADWAY		BRIDGE	HIGHWAY LIGHTING		BRIDGE	ROADWAY	HIGHWAY LIGHTING	ROADWAY	UTILITY
					0004		0011	0021		0011	0021	0021	0004	0043
					BUREAU (011)	PUTNAM (155)	SN 078-0047		BUREAU (011)	PUTNAM (155)	BUREAU (011)	BUREAU (011)	BUREAU (011)	
44000100	PAVEMENT REMOVAL	SO YD	9,099	4,278	4,821									
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1,044		1,044									
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	552	162	390									
44000600	SIDEWALK REMOVAL	SO FT	255	255										
44003100	MEDIAN REMOVAL	SO FT	675		675									
44004250	PAVED SHOULDER REMOVAL	SO YD	1,332		1,332									
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	1,736	808	928									
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SO YD	3,166	764	2,402									
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1					1.0						
50200100	STRUCTURE EXCAVATION	CU YD	110					110						
50200300	COFFERDAM EXCAVATION	CU YD	6,560.0					6,560						
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1					1						
50201102	COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	1					1						
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1					1						

• SPECIALTY ITEM

FILE NAME ...S00\0366064\111-502_01.dgn	USER NAME j_greenville	DESIGNED SEW	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE. 699	SECTION 1 (DR)	COUNTY PUTNAM/BUREAU	TOTAL SHEETS 415	SHEET NO. 7
#MODELNAME#	PLOT SCALE = NTS	CHECKED JNR	REVISIONS -						SCALE: NTS	SHEET 4	OF 16	SHEETS	STA.
	PLOT DATE = 8/26/2015	DATE 8/10/2015	REVISIONS -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES			RURAL	80% FEDERAL 20% STATE				80% FEDERAL 20% STATE		80% FEDERAL 20% CITY		100% CITY					
CODE	ITEM	UNIT		TOTAL QUANTITY	ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE		ROADWAY		HIGHWAY LIGHTING	ROADWAY	UTILITY
					0004		0011		0021		0011	0021	0021		0004	0043	
					BUREAU (011)	PUTNAM (155)	SN 078-0047	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	SN 006-0164	SIDEWALK	BUREAU (011)	BUREAU (011)	BUREAU (011)		
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1				1										
50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1				1										
50201124	COFFERDAM (TYPE 2) (LOCATION - 4)	EACH	1				1										
50201125	COFFERDAM (TYPE 2) (LOCATION - 5)	EACH	1				1										
50300225	CONCRETE STRUCTURES	CU YD	4,680.4				4,668.2			12.2							
50300255	CONCRETE SUPERSTRUCTURE	CU YD	2,693.9				2,627.2			66.7							
50300260	BRIDGE DECK GROOVING	SO YD	7,834				7,741			93							
50300265	SEAL COAT CONCRETE	CU YD	3,139.7				3,139.7										
50300280	CONCRETE ENCASEMENT	CU YD	16.4				16.4										
50300300	PROTECTIVE COAT	SO YD	9,805				9,668			137							
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L. SUM	1				1										
50500505	STUD SHEAR CONNECTORS	EACH	20,772				20,772										
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,835,570				1,819,480			16,090							
50800515	BAR SPLICERS	EACH	193				82			111							

• SPECIALTY ITEMS

FILE NAME - ...AS001036669-right-500.05.dgn	USER NAME - greenbillo	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.S. RTG.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE - NTS	CHECKED JNR	REVISED -	698			1 (00)	PUTNAM/BUREAU	415	8		
PLOT DATE - 8/26/2015	DATE 8/10/2015	REVISED -	SCALE: NTS			SHEET 5	OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 66AG9	
MDURLNGP4		REVISED -	ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES		UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE						80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		100% CITY				
CODE	ITEM			ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE		ROADWAY		HIGHWAY LIGHTING		ROADWAY		UTILITY
				0004		0011		0021		0011		0021		0021		0004		0043
				BUREAU (011)	PUTNAM (155)	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	BUREAU (011)	BUREAU (011)	BUREAU (011)	BUREAU (011)	BUREAU (011)					
50800530	MECHANICAL SPLICERS	EACH	2,902															
50901750	PARAPET RAILING	FOOT	3,611															
51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,394															
51201900	FURNISHING STEEL PILES HP14X89	FOOT	7,823															
51202305	DRIVING PILES	FOOT	10,217															
51203800	TEST PILE STEEL HP14X73	EACH	2															
51203900	TEST PILE STEEL HP14X89	EACH	3															
51500100	NAME PLATES	EACH	1															
51602000	PERMANENT CASING	FOOT	556															
51603000	DRILLED SHAFT IN SOIL	CU YD	751.4															
51604000	DRILLED SHAFT IN ROCK	CU YD	772.3															
52000110	PREFORMED JOINT STRIP SEAL	FOOT	84															
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	6															
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	18															

• SPECIALTY ITEMS

FILE NAME - ... \SDD\036666\REVISED-SC02_06.dgn	USER NAME - jrennville	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN TMD	REVISED -		SCALE: NTS	SHEET 6	OF 16	SHEETS	STA.	TO STA.	PUTNAM/BUREAU	415	9
		CHECKED JNR	REVISED -										CONTRACT NO. 66A69
#MODELNAME*		DATE 8/10/2015	REVISED -										ILLINOIS FEE BID PROJECT

SUMMARY OF QUANTITIES		UNIT	RURAL TOTAL QUANTITY	80% FEDERAL 20% STATE				80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		100% CITY				
CODE	ITEM			ROADWAY 0004		BRIDGE 0011		HIGHWAY LIGHTING 0021		BRIDGE 0011		ROADWAY 0021		HIGHWAY LIGHTING 0021	ROADWAY 0004	UTILITY 0043
				BUREAU (011)	PUTNAM (155)	SN 078-0047	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	SN 006-0164	SIDEWALK	BUREAU (011)	BUREAU (011)	BUREAU (011)		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,275	1,812.5	1,462.5											
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	4	2											
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2		2											
* 63100110	TRAFFIC BARRIER TERMINAL, TYPE 11	EACH	3	1	2											
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2												
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	3	2	1											
63200310	GUARDRAIL REMOVAL	FOOT	5,440	2,826	2,614											
63500105	DELINEATORS	EACH	5	2	3											
66400105	CHAIN LINK FENCE, 4'	FOOT	554	554												
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	17	10	7											
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	10	5	5											
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	17	13	4											
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5,900	2,950	2,950											
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	0.5	0.5											

• SPECIALTY ITEMS

FILE NAME ...1500\038649\11-SCD.07.dgn	USER NAME greenbille	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#MOURLNAME	PLOT SCALE = NTS	DRAWN TMB	REVISED -		SCALE = NTS	SHEET 9	OF 16	SHEETS	STA.	TO STA.	PUTNAM/BUREAU	415	12
	PLOT DATE = 8/26/2015	CHECKED JNR	REVISED -										CONTRACT NO. 66AG9
		DATE 8/10/2015	REVISED -										ILLINOIS FFD. AID PROJECT

SUMMARY OF QUANTITIES		UNIT	RURAL TOTAL QUANTITY	80% FEDERAL 20% STATE						80% FEDERAL 20% STATE		80% FEDERAL 20% CITY		100% CITY		
CODE	ITEM			ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE	ROADWAY	HIGHWAY LIGHTING	ROADWAY	UTILITY		
				0004	0011	SN 078-0047		0021	0011	0021						
				BUREAU (011)	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	SN 006-0164 BUREAU (011)	SIDEWALK BUREAU (011)	0021	0004	0043		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	5	5											
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30	15	15											
67100100	MOBILIZATION	L SUM	1	0.5	0.5											
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5											
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5											
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.5	0.5											
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	300	150	150											
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	2												
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	48	24	24											
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	49,973	34,046	15,927											
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	41		41											
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	291	178	113											
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	19,081	6,874	12,207											
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	23,641	13,996	9,645											

* SPECIALTY ITEMS

FILE NAME - ...S00AD366A69-sh1-S0010.dgn	USER NAME - jproccillo	DESIGNED SEW	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.S. RTL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN TMB	REVISIONS		SCALE: NTS	SHEET 10	OF 16 SHEETS	STA.	TO STA.	PUTNAM/BUREAU	415	15
		CHECKED JHR	REVISIONS							CONTRACT NO. 66A02		
		DATE 8/10/2015	REVISIONS							ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES		UNIT	RURAL TOTAL QUANTITY	80% FEDERAL STATE				80% FEDERAL STATE		80% FEDERAL CITY		100% CITY		
CODE	ITEM			ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE	ROADWAY	HIGHWAY LIGHTING	ROADWAY	UTILITY
				0004		0011		0021		0011	0021		0004	0043
				BUREAU (011)	PUTNAM (155)	SN 078-0047	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	SN 006-0164	SIDEWALK	0021	BUREAU (011)	BUREAU (011)
70400100	TEMPORARY CONCRETE BARRIER	FOOT	5,588	2,559	3,029									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,513	1,038	1,475									
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	12	7	5									
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7	5	2									
* 72000100	SIGN PANEL - TYPE 1	50 FT	133	62	71									
* 72000200	SIGN PANEL - TYPE 2	50 FT	14		14									
* 73000100	WOOD SIGN SUPPORT	FOOT	258	109	149									
• 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	50 FT	31.2		31.2									
• 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	23,683	9,894	13,789									
• 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	158		158									
• 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	129	9	120									
• 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	120	73	47									
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	120	47	73									
• 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	46	16	30									

• SPECIALTY ITEMS

FILE NAME ...500-0366469-shr-500.tlgn	USER NAME jgreenillo	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				P.C. R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN JMB	REVISED -		SCALE: NTS	SHEET 11	OF 16	SHEETS	STA.	TO STA.	PUTNAM/BUREAU	415	14
		CHECKED JNR	REVISED -								CONTRACT NO.	66A69	
		DATE 8/10/2015	REVISED -								ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES		UNIT	TOTAL QUANTITY	RURAL		80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		100% CITY					
CODE	ITEM			BUREAU (011)	PUTNAM (155)	ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE		ROADWAY			
						0004		0011		0021		0011		0021		HIGHWAY LIGHTING	
						SN 074-0047		SN 006-0164		SN 006-0164		SIDEWALK		0021		0004	
78200300	PRISMATIC CURB REFLECTOR	EACH	10		10												
78200410	GUARDRAIL MARKERS, TYPE A	EACH	19	15	4												
78200510	BARRIER WALL MARKERS, TYPE A	EACH	8	2	6												
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	4	1												
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2					1				1					
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	210					76	134								
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	96					96									
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	230									230					
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	3,927					3,927									
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	11					9				2					
81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,406					123	1,283								
81603010	UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2,053					1,268				785					
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,864					6,168				696					
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	5,718					5,718									

• SPECIALTY ITEMS

FILE NAME ...V500\B366669\shc-500_12.dgn	USER NAME jgreenbill	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
MODULE NAME	PLOT SCALE = NTS	DRAWN TMB	REVISED -		SCALE = NTS	SHEET 12	OF 16	SHEETS	STA.	TO STA.	PUTNAM/BUREAU	415	15
	PLOT DATE = 8/26/2015	CHECKED JNR	REVISED -		CONTRACT NO. 66A69								
		DATE 8/10/2015	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES		UNIT	TOTAL QUANTITY	RURAL		80% FEDERAL 20% STATE				80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		100% CITY				
CODE	ITEM			BUREAU (011)	PUTNAM (155)	ROADWAY		BRIDGE		HIGHWAY LIGHTING		BRIDGE		ROADWAY		HIGHWAY LIGHTING	ROADWAY	UTILITY
						0004		0011		0021		0011		0021				
						SN 078-0047		SN 006-0164		SN 006-0164		SIDEWALK		0021				
				PUTNAM (155)		BUREAU (011)		PUTNAM (155)		BUREAU (011)		BUREAU (011)						
82200605	WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	6					6										
82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1											1				
82600105	NAVIGATION OBSTRUCTION LIGHTING CONTROLLER	EACH	1					1										
83002200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. DAVIT ARM	EACH	11					11										
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	20					7	8					5				
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	131					46	52					33				
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	4					3	1									
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	10					10										
84200804	REMOVAL OF POLE FOUNDATION	EACH	1					1										
84301200	REMOVAL OF NAVIGATION OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1					1										
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1					1										
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1					1										
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1					1										
X0300864	MAINTENANCE OF NAVIGATION	L SUM	1					1										

• SPECIALTY ITEMS

FILE NAME ... \SD0\0366404\sh-500.13.dgn	USER NAME j.pescorillo	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				P.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME 4	PLT SCALE N.T.S.	CHECKED JNR	REVISED -		SCALE N.T.S.	SHEET 13	OF 16	SHEETS	STA.	TO STA.	PUTNAM/BUREAU	415	16
	PLT DATE 8/26/2015	DATE 8/10/2015	REVISED -										CONTRACT NO. 66A69
											ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES		UNIT	RURAL TOTAL QUANTITY	80% FEDERAL 20% STATE				80% FEDERAL 20% STATE	80% FEDERAL 20% CITY	100% CITY				
CODE	ITEM			ROADWAY 0004		BRIDGE 0011		HIGHWAY LIGHTING 0021		BRIDGE 0011	ROADWAY 0021	HIGHWAY LIGHTING 0021	ROADWAY 0004	UTILITY 0043
				SN 078-0047		PUTNAM (155)		BUREAU (011)		SN 006-0164	SIDEWALK	BUREAU (011)		
				BUREAU (011)	PUTNAM (155)	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	BUREAU (011)	BUREAU (011)				
X0322792	BEDDING MATERIAL, SPECIAL	CU YD	107		107									
X0325833	WICK DRAINS	FOOT	152,394	118,721	33,673									
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	68	18	30		20							
X0327094	VALVE BOX 6"	EACH	1									1		
X0327267	SLOPE INCLINOMETER	EACH	3	2	1									
X0350810	BOLLARD REMOVAL	EACH	26	26										
X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	31					18	8		5			
X4400110	TEMPORARY PAVEMENT REMOVAL	SO YD	4,597	1,796	2,801									
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	21,040	17,937	3,103									
X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	12				12							
X5210190	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 600K	EACH	6				6							
X5210350	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 600K	EACH	12				12							
X5210390	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 1000K	EACH	6				6							
X5630004	CUT AND CAP EXISTING 4" WATER MAIN	EACH	2									2		

• SPECIALTY ITEM

FILE NAME ... \500\036669\shs-SC014.dgn	USER NAME grembillo	DESIGNED SEW	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.I. R.T.L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME	PLOT SCALE NTS	CHECKED JHR	REVISIONS -						696	1 (DR)	PUTNAM/BUREAU	415	17
	PLOT DATE 8/26/2015	DATE 8/10/2015	REVISIONS -		SCALE: NTS/NTS	SHEET 14	14 OF 84 SHEETS	STA.	TO STA.	CONTRACT NO. 66A69			
ILLINOIS FED. AID PROJECT													

SUMMARY OF QUANTITIES		RURAL	80% FEDERAL 20% STATE				80% FEDERAL 20% STATE		80% FEDERAL 20% CITY		100% CITY		
CODE	ITEM		UNIT	ROADWAY		BRIDGE	HIGHWAY LIGHTING		BRIDGE	ROADWAY	HIGHWAY LIGHTING	ROADWAY	UTILITY
				0004		0011	0021		0011	0021	0021	0004	0043
				BUREAU (011)	PUTNAM (155)	SN 078-0947	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	SN 006-0164	SIDEWALK	BUREAU (011)	BUREAU (011)
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	211			211							
X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	5,615	2,723	2,892								
X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	50	50									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5								
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	31.2		31.2								
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	23,683	9,894	13,789								
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	158		158								
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	129	9	120								
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	120	73	47								
X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	60				40			20			
Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SO YD	5,885	3,086	2,799								
Z0004552	APPROACH SLAB REMOVAL	SO YD	379	253	126								
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SO YD	981	432	549								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5								
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	8			8							

• SPECIALTY ITEM

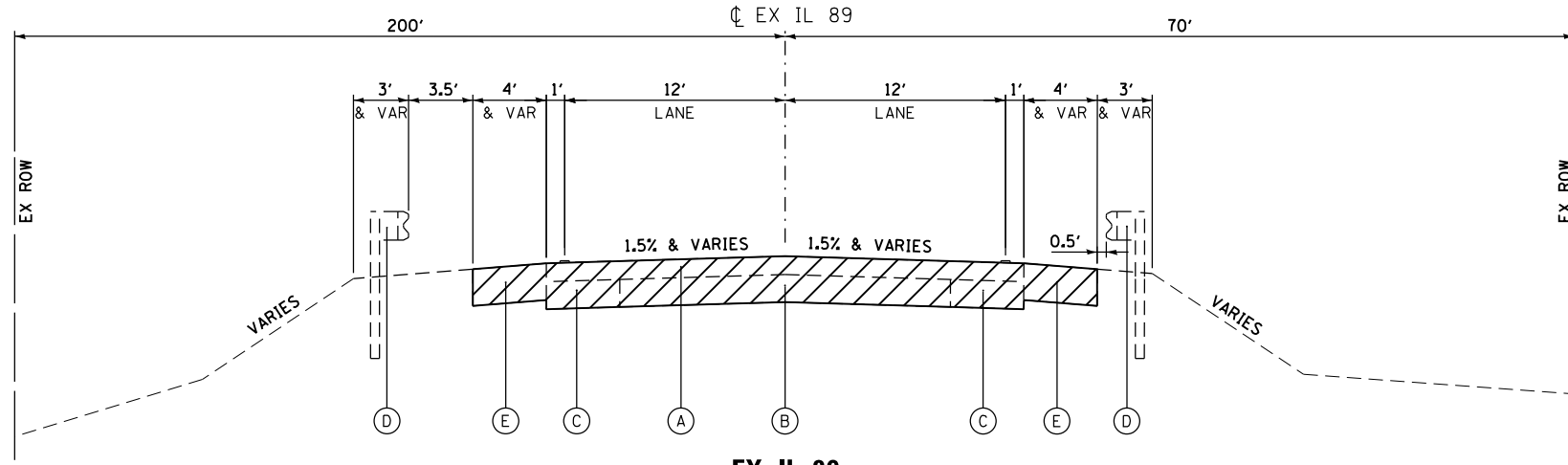
FILE NAME -	USER NAME - jason@illinois.gov	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\SD00\0366A69-sec-SCDL15.dgn		DRAWN - TMB	REVISED -					698	1 (001)	PUTNAM/BUREAU	415	18
MULTIPLE	PL01: SCA, C - NTS	CHECKED - JHR	REVISED -		SCALE: NTS/NTS			SHEET 15 OF 16 SHEETS STA. TO STA.			CONTRACT NO. 66A09	
	PL07: DATE - 8/26/2015	DATE - 8/10/2015	REVISED -		ILLINOIS (FTB, AIR) PROJECT							

SUMMARY OF QUANTITIES		UNIT	RURAL TOTAL QUANTITY	80% FEDERAL 20% STATE				80% FEDERAL 20% STATE	80% FEDERAL 20% CITY	100% CITY			
CODE	ITEM			ROADWAY		BRIDGE	HIGHWAY LIGHTING		BRIDGE	ROADWAY	HIGHWAY LIGHTING	ROADWAY	UTILITY
				0004		0011	0021		0011	0021	0021	0004	0043
				BUREAU (011)	PUTNAM (155)	SN 078-0047	PUTNAM (155)	BUREAU (011)	PUTNAM (155)	SN 006-0164	SIDEWALK	0021	BUREAU (011)
Z0026407	TEMPORARY SHEET PILING	SO FT	57,502	34,273	23,229								
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	84	42	42								
Z0034393	MODULAR EXPANSION JOINT 9"	FOOT	43				43						
Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	43				43						
Z0040000	PIEZOMETERS	EACH	2	1	1								
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	150				150						
Z0056100	SAND DRAINAGE BLANKET	CU YD	11,808	8,996	2,812								
Z0062456	TEMPORARY PAVEMENT	SO YD	4,597	1,796	2,801								
Ø Z0076600	TRAINEES	HOUR	2500				2500						
Ø Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HAUR	2500				2500						
X0900024	TEMPORARY WETLAND CROSSING DEVICE	L SUM	1	0.50	0.50								
X0100005	SURCHARGE	SO YD	2,097	468	1,629								
X0900023	THERMAL INTEGRITY PROFILE SENSORS	FOOT	1,224				1,224						
X5210242	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 1000K	EACH	6				6						
X1200065	CAP PROPOSED WATER MAIN 6"	EACH	1									1	
X1200064	GEOTECHNICAL FABRIC, SPECIAL	SO YD	640		640								

• SPECIALTY ITEM

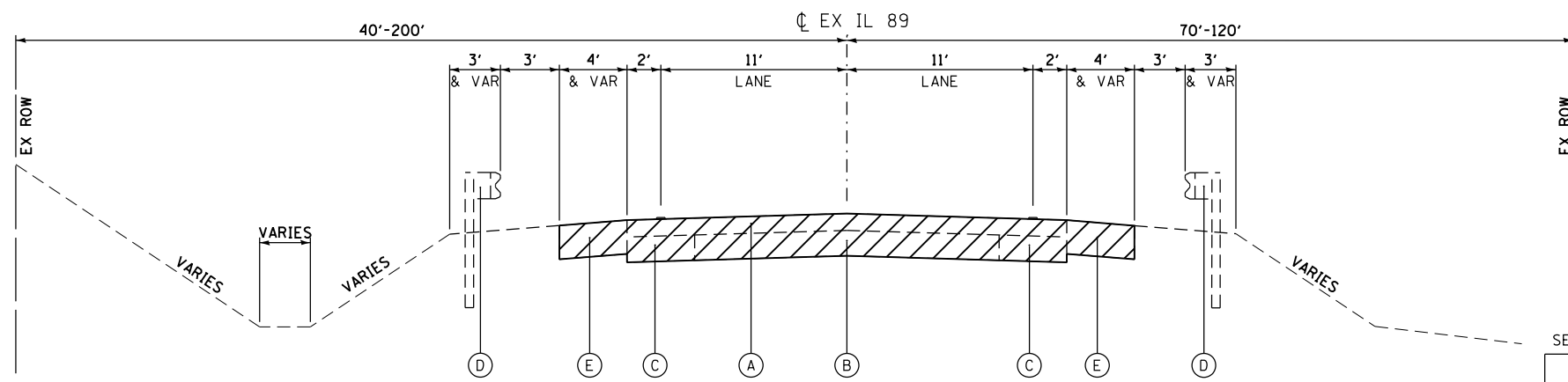
FILE NAME - ...X500\B36CA69-11-50016.dgn	USER NAME - jreese@illinois.gov	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME -	PLOT SCALE - NTS	CHECKED JNR	REVISED -					698	1 (DR)	PUTNAM/BUREAU	415	19
	PLOT DATE - 8/26/2015	DATE 8/10/2015	REVISED -					SCALE: NTS/NTS SHEET 16 OF 16 SHEETS STA. TO STA.			CONTRACT NO. 66A69	
ILLINOIS FED. AID PROJECT												

Rev.



EX IL 89
STA 33+46.91 TO STA 44+05.00

- LEGEND:**
- (A) EXISTING HOT-MIX ASPHALT BINDER AND SURFACE, 5"-15"
 - (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 6"-9"
 - (C) EXISTING HOT-MIX ASPHALT BASE COURSE, 6"-9"
 - (D) EXISTING STEEL PLATE BEAM GUARDRAIL
 - (E) EXISTING AGGREGATE SHOULDER
 - REMOVAL ITEMS

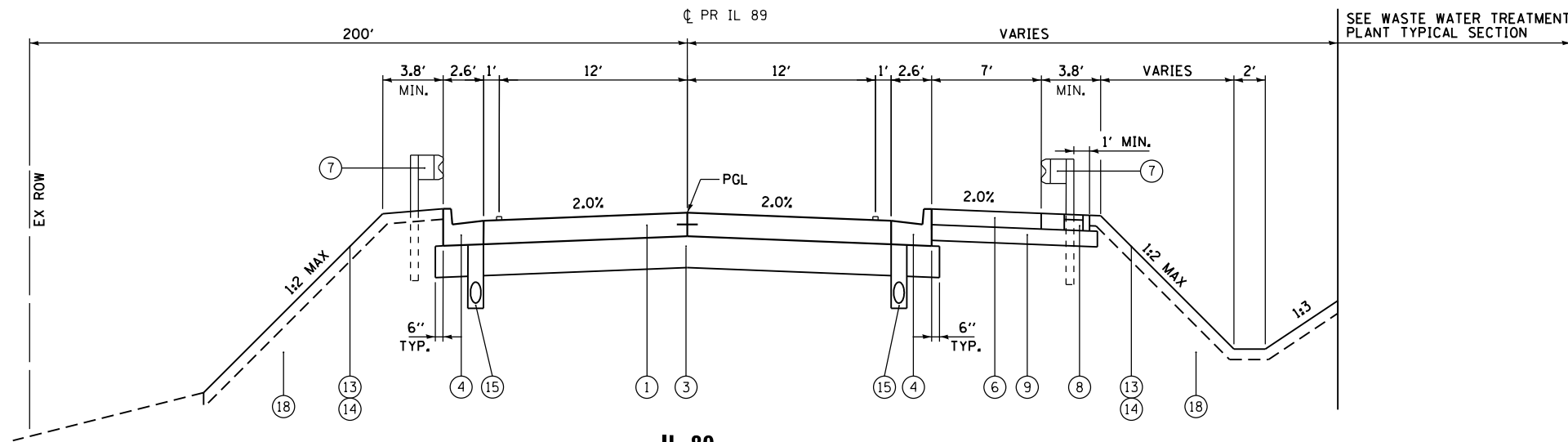


EX IL 89
STA 44+05.00 TO STA 48+87.36
OMISSION STA. 48+87.36 TO STA. 66+60.21
STA. 66+60.21 TO STA. 82+97.68

SETTLEMENT CORRECTION SCHEDULE

LOCATION	STATION		LENGTH FEET	WIDTH FEET	AVERAGE THICKNESS INCH	HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH SO YD	BITUMINOUS MATERIALS (PRIME COAT) POUNDS	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 TONS	TEMPORARY PAVEMENT MARKING LINE, 4" FEET
	FROM	TO							
NORTH APPROACH	40+00	48+87	887	26	7	17937	8072	1004	24836
SOUTH APPROACH	66+63	72+00	537	26	2.5	3103	1396	217	4296
TOTAL						21040	9468	1222	29132

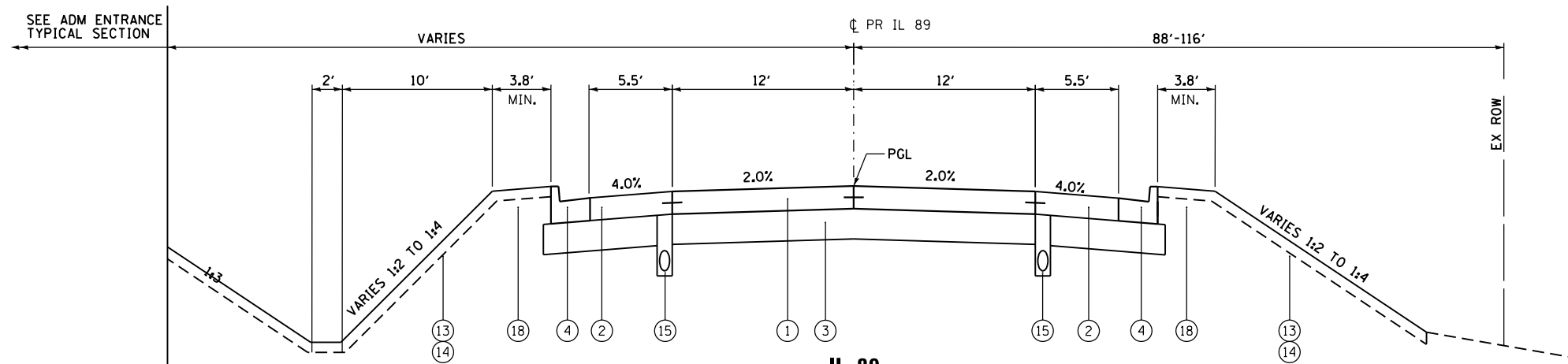
NOTE: STATIONING IS BASED ON EXISTING IL 89 CENTERLINE



IL 89
STA. 133+46.91 TO STA. 140+49.31, LOOKING SOUTH

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ② PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ AGGREGATE SHOULDERS, TYPE B, 6"
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
- ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑧ PCC STABILIZATION AT STEEL PLATE BEAM GUARD RAIL (PAID AS PORTLAND CEMENT CONCRETE SHOULDERS 9" OR 6" SIDEWALK)
- ⑨ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑩ HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ⑫ AGGREGATE BASE COURSE, TYPE B, 8"
- ⑬ TOPSOIL EXCAVATION AND PLACEMENT
- ⑭ SEEDING (SEE EROSION CONTROL PLANS)
- ⑮ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑯ AGGREGATE SURFACE COURSE, TYPE A 4"
- ⑰ AGGREGATE BASE COURSE, TYPE A 8"
- ⑱ EARTH EXCAVATION OR FURNISHED EXCAVATION

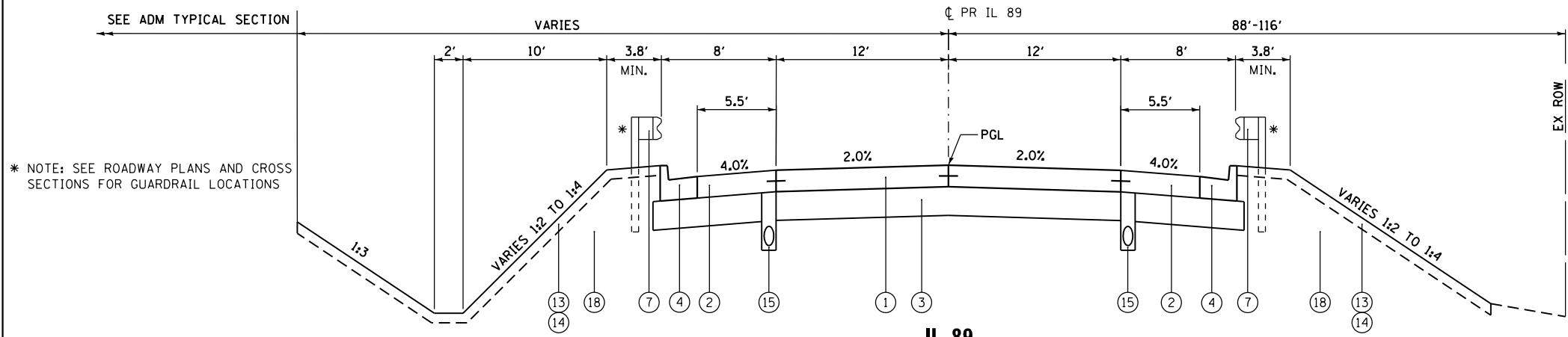


IL 89
STA. 140+49.31 TO STA. 144+06.58, LOOKING SOUTH

* NOTE: SEE ROADWAY PLANS AND CROSS SECTIONS FOR GUARDRAIL LOCATIONS

PAVEMENT DESIGN IL-89

STRUCTURAL DESIGN TRAFFIC:	Year	2026
PV =	6,001	SU = 333
ROAD CLASSIFICATION	CLASS	11
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P =	50%	S = 50% M = 50%
TRAFFIC FACTOR:	Actual TF =	2.35
	Minimum TF =	4.59
PG GRADE:	Binder =	N/A
	Surface =	N/A
SUBGRADE SUPPORT RATING:		
SSR =		POOR

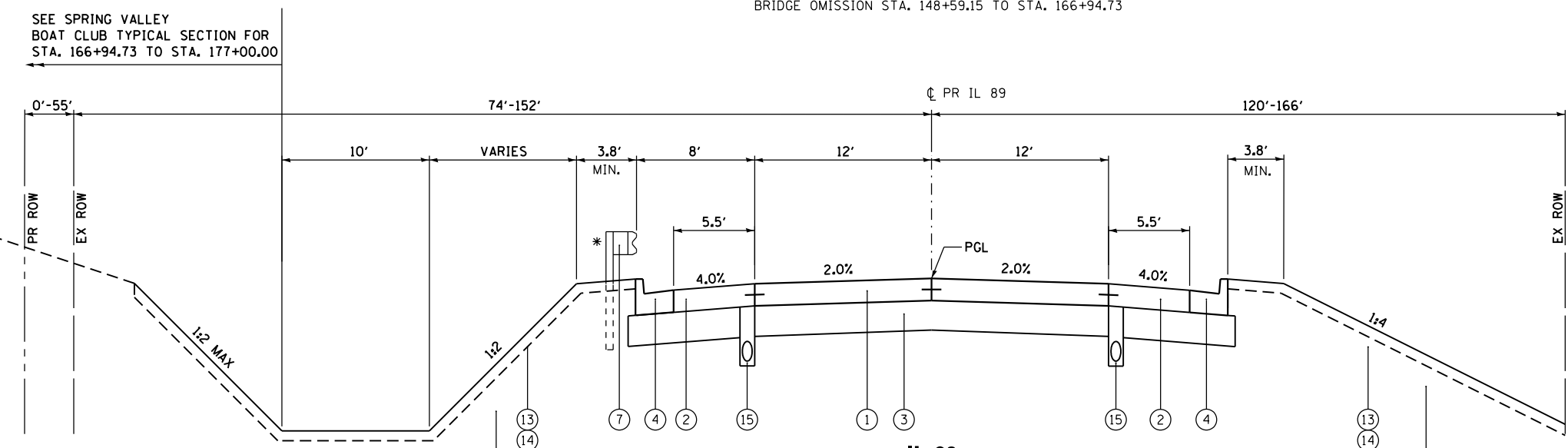


IL 89

STA. 144+06.58 TO STA. 148+59.15 (LOOKING SOUTH)
 PCC PAVEMENT CONNECTOR STA. 147+59.15 TO STA. 148+59.15
 BRIDGE OMISSION STA. 148+59.15 TO STA. 166+94.73

* NOTE: SEE ROADWAY PLANS AND CROSS SECTIONS FOR GUARDRAIL LOCATIONS

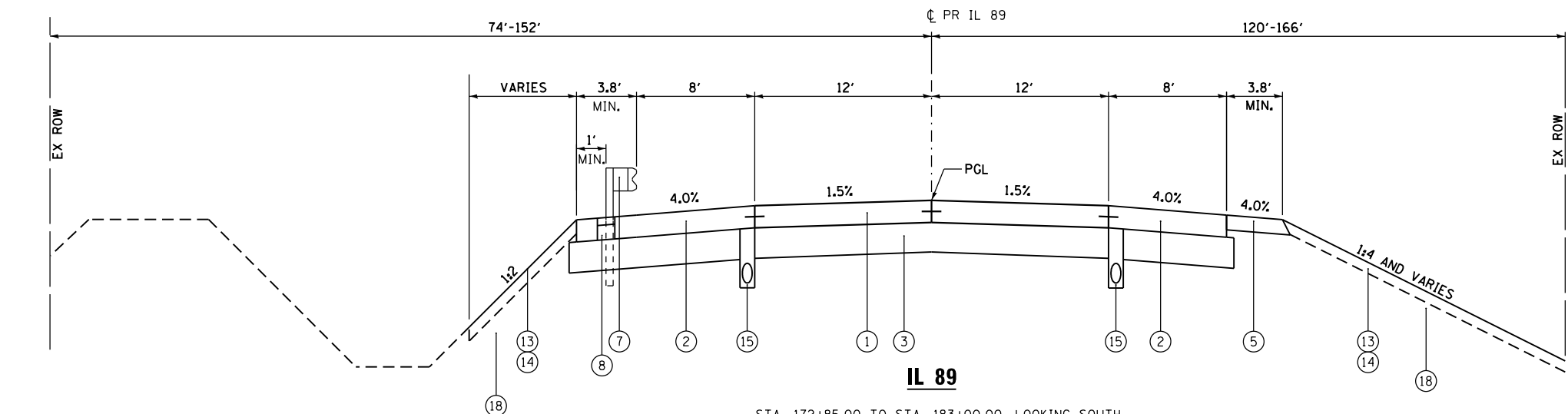
- LEGEND:**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
 - ② PORTLAND CEMENT CONCRETE SHOULDERS 9"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑤ AGGREGATE SHOULDERS, TYPE B, 6"
 - ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
 - ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - ⑧ PCC STABILIZATION AT STEEL PLATE BEAM GUARD RAIL (PAID AS PORTLAND CEMENT CONCRETE SHOULDERS 9" OR 6" SIDEWALK)
 - ⑨ AGGREGATE BASE COURSE, TYPE B, 6"
 - ⑩ HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
 - ⑫ AGGREGATE BASE COURSE, TYPE B, 8"
 - ⑬ TOPSOIL EXCAVATION AND PLACEMENT
 - ⑭ SEEDING (SEE EROSION CONTROL PLANS)
 - ⑮ PIPE UNDERDRAINS 4" (MODIFIED)
 - ⑯ AGGREGATE SURFACE COURSE, TYPE A 4"
 - ⑰ AGGREGATE BASE COURSE, TYPE A 8"
 - ⑱ EARTH EXCAVATION OR FURNISHED EXCAVATION



IL 89

STA. 167+94.73 TO STA. 172+85.00, LOOKING SOUTH
 PCC PAVEMENT CONNECTOR STA. 166+94.73 TO STA. 167+94.73

SEE SPRING VALLEY BOAT CLUB TYPICAL SECTION FOR STA. 166+94.73 TO STA. 177+00.00

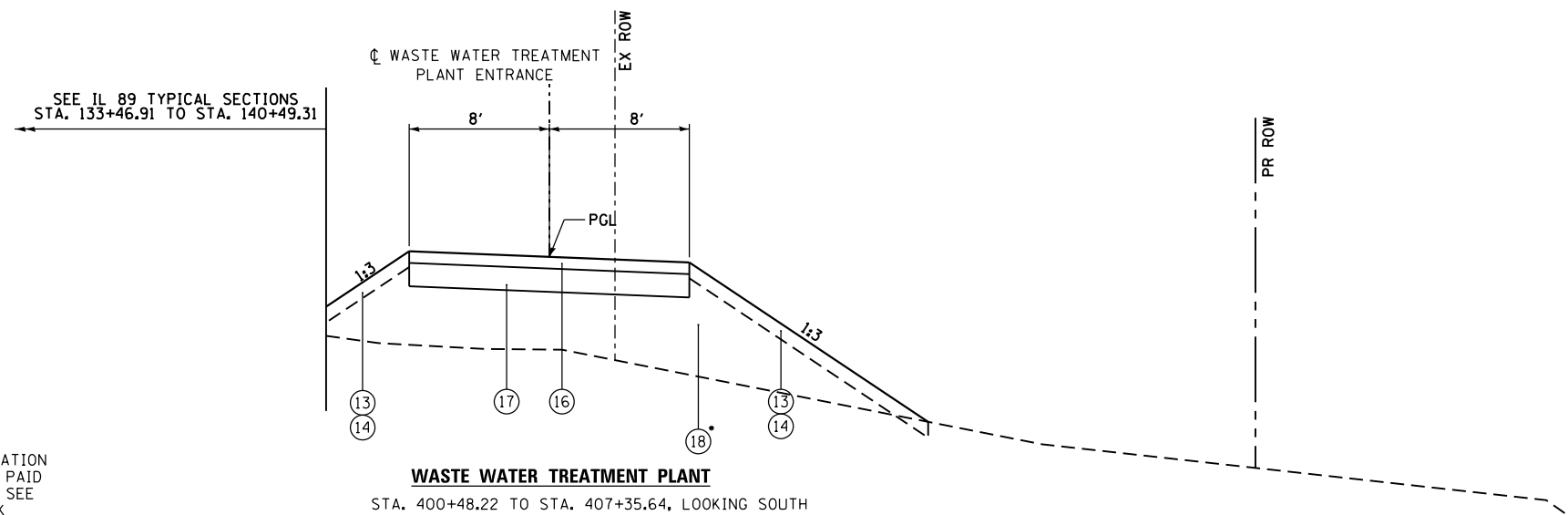
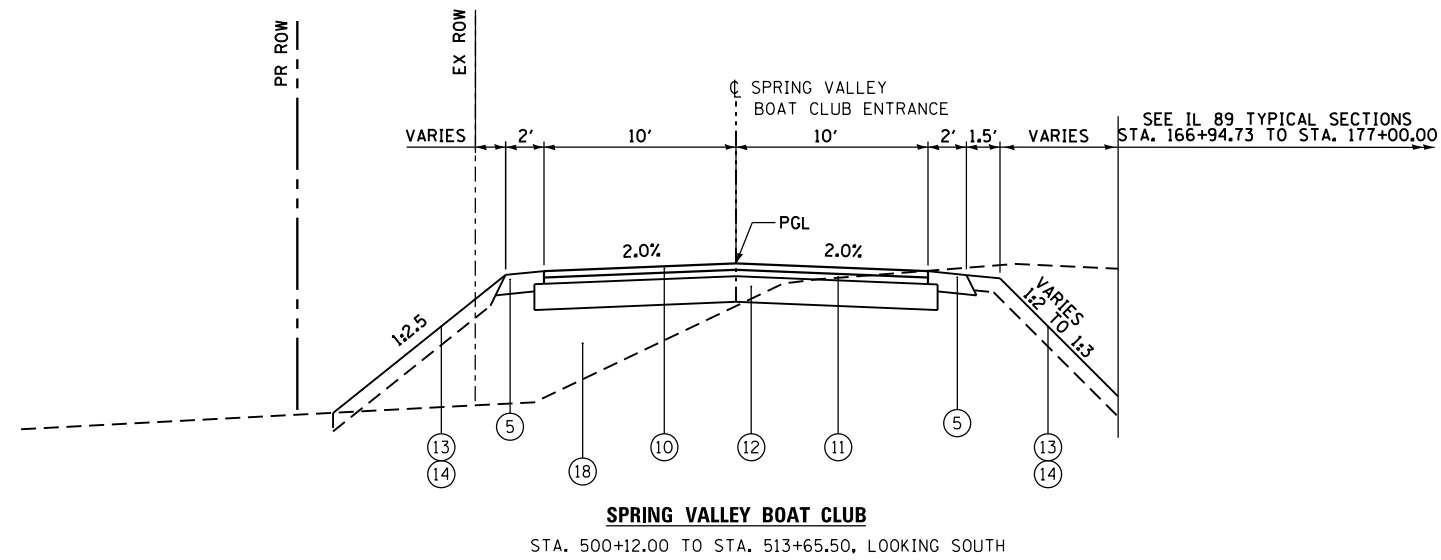
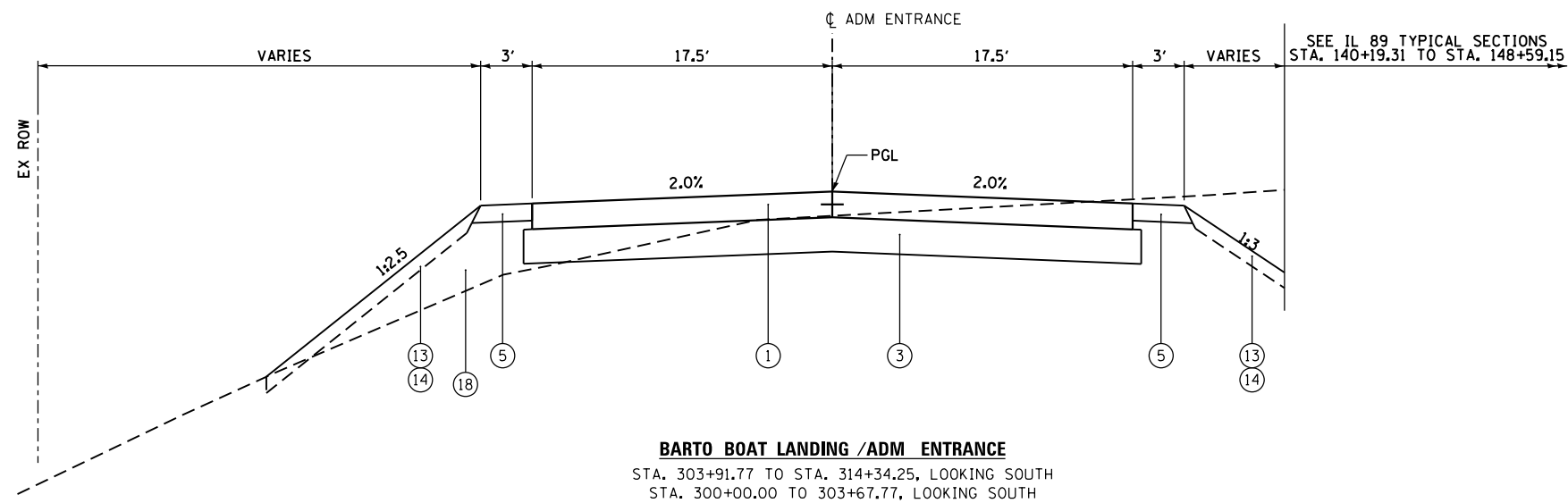


IL 89

STA. 172+85.00 TO STA. 183+00.00, LOOKING SOUTH

PAVEMENT DESIGN IL-89

STRUCTURAL DESIGN TRAFFIC:	Year	2026
PV =	6,001	SU = 333 SU = 333
ROAD CLASSIFICATION	CLASS	11
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P =	50%	S = 50% M = 50%
TRAFFIC FACTOR:	Actual TF =	2.35 AC Type = N/A
	Minimum TF =	4.59
PG GRADE:	Binder =	N/A Surface = N/A
SUBGRADE SUPPORT RATING:		
	SSR =	POOR



• FURNISHED EXCAVATION SHOWN HERE TO BE PAID 100% BY THE CITY. SEE STAGE 2 EARTHWORK SCHEDULE FOR QUANTITY

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ② PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ AGGREGATE SHOULDERS, TYPE B, 6"
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
- ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑧ PCC STABILIZATION AT STEEL PLATE BEAM GUARD RAIL (PAID AS PORTLAND CEMENT CONCRETE SHOULDERS 9" OR 6" SIDEWALK)
- ⑨ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑩ HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- ⑫ AGGREGATE BASE COURSE, TYPE B, 8"
- ⑬ TOPSOIL EXCAVATION AND PLACEMENT
- ⑭ SEEDING (SEE EROSION CONTROL PLANS)
- ⑮ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑯ AGGREGATE SURFACE COURSE, TYPE A 4"
- ⑰ AGGREGATE BASE COURSE, TYPE A 8"
- ⑱ EARTH EXCAVATION OR FURNISHED EXCAVATION

	HMA BINDER	HMA SURFACE	HMA 6" STABILIZATION
PG GRADE	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 19.0
FRICTION AGGREGATE		MIXTURE C	
DENSITY TEST METHOD	CORES/ CORRELATION	CORES/ CORRELATION	SATISFACTION OF ENGINEER
MIXTURE WEIGHT	112#/ SO YD/ IN.	112#/ SO YD/ IN.	112#/ SO YD/ IN.
QUALITY MANAGEMENT PROGRAM	QC/OA	QC/OA	QC/OA
SUBLOT SIZE	N/A	N/A	N/A
LOCATION(S)	N/A	N/A	N/A

FILE NAME =	USER NAME = swilkinson	DESIGNED RJP	REVISED -
...\\0366A69-sht-Pr-Typ-Ent-01.dgn		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
\$MODELNAME\$	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 ADM and SVBC ENTRANCE**

SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	23
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

ROADWAY SCHEDULE

LOCATION			AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE A 8"	AGGREGATE SURFACE COURSE, TYPE A 4"	AGGREGATE BASE COURSE, TYPE B 8"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PORTLAND CEMENT CONCRETE PAVEMENT 9"	PROTECTIVE COAT	CONCRETE MEDIAN, TYPE SB-6.06
ROAD	STATION FROM	STATION TO	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ FT)
IL 89 - BUREAU COUNTY	133+76.91	148+87.98	4,436	743				8,072			3,525	4,967	
IL 89 - PUTNAM COUNTY	166+65.91	183+00.00	4,924					1,396			5,233	8,024	
ADM - BUREAU COUNTY	303+91.77	314+34.25	4,796								4,518	4,518	
SVBC - PUTNAM COUNTY	500+12.00	513+65.50					4,010	10,835	407	362			
BARTO - BUREAU COUNTY	301+30.00	303+67.77									1,180	1,180	
CARGILL SOUTH - PUTNAM COUNTY													681
WWTP ENT - BUREAU COUNTY					1,334	1,334							

SUBTOTAL - BUREAU COUNTY	9232	743	1334	1334	0	8072	0	0	9223	10665	0
SUBTOTAL - PUTNAM COUNTY	4924	0	0	0	4010	12231	407	362	5233	8024	681

TOTAL	14,156	743	1,334	1,334	4,010	20,303	407	362	14,456	18,689	681
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CURB & GUTTER AND MEDIAN SCHEDULES

LOCATION				COMB. CONCRETE CURB & GUTTER, TYPE B-6.24
ROAD	DIRECTION	STATION FROM	STATION TO	(FOOT)
IL 89 - BUREAU COUNTY	NB	133+76.91	140+26.35	673
IL 89 - BUREAU COUNTY	SB	133+76.91	139+87.94	612
IL 89 - BUREAU COUNTY	NB	140+99.00	148+59.14	763
IL 89 - BUREAU COUNTY	SB	141+25.04	148+59.14	734
IL 89 - PUTNAM COUNTY	NB	166+94.74	172+85.00	592
IL 89 - PUTNAM COUNTY	SB	166+94.74	172+85.00	589

SUBTOTAL - BUREAU COUNTY	2782
SUBTOTAL - PUTNAM COUNTY	1181

TOTAL	3,963
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LOCATION				COMB. CONCRETE CURB & GUTTER, TYPE B-6.12
ROAD	DIRECTION	STATION FROM	STATION TO	(FOOT)
IL 89 - PUTNAM COUNTY	SB	176+63.10	177+07.61	79
IL 89 - PUTNAM COUNTY	SB	177+75.04	178+20.56	80

SUBTOTAL - BUREAU COUNTY	0
SUBTOTAL - PUTNAM COUNTY	159

TOTAL	159
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LOCATION			CORRUGATED MEDIAN
ROAD	STATION FROM	STATION TO	(SQ FT)
ADM - BUREAU COUNTY	303+91.77	314+34.25	269
BARTO - BUREAU COUNTY	301+30.00	303+67.77	170

SUBTOTAL - BUREAU COUNTY	439
SUBTOTAL - PUTNAM COUNTY	0

TOTAL	439
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SIDEWALK SCHEDULE

LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
ROAD	DIRECTION	STATION FROM	STATION TO	(SQ FT)
IL 89 - 100% CITY	SB	133+46.91	133+76.91	173
IL 89 - 100% CITY	SB	133+76.91	140+08.92	6,062

TOTAL - 100% CITY	6,235
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PAVEMENT CONNECTOR SCHEDULE

LOCATION			BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
ROAD	STATION FROM	STATION TO	(SQ FT)
IL 89 - BUREAU COUNTY	133+76.91	134+76.91	289
IL 89 - BUREAU COUNTY	147+59.15	148+59.15	389
IL 89 - PUTNAM COUNTY	166+94.73	167+94.73	389

SUBTOTAL - BUREAU COUNTY	678
SUBTOTAL - PUTNAM COUNTY	389

TOTAL	1,067
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PCC SHOULDER SCHEDULE

LOCATION			PORTLAND CEMENT CONCRETE SHOULDERS 9"
ROAD	STATION FROM	STATION TO	(SQ YD)
IL 89 - BUREAU COUNTY	141+05.24	148+87.98	764
IL 89 - PUTNAM COUNTY	166+65.91	183+00.00	2,402

SUBTOTAL - BUREAU COUNTY	764
SUBTOTAL - PUTNAM COUNTY	2402

TOTAL	3,166
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MAINTENANCE OF TRAFFIC SCHEDULE

STAGE	CHANGEABLE MESSAGE SIGN (CAL MO)	TEMPORARY PAVEMENT MARKING - LINE 4"		TEMPORARY PAVEMENT MARKING - LINE 12"	TEMPORARY PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING TAPE, TYPE III 4"		WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 11 (EACH)	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3 (EACH)	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3 (EACH)	TEMPORARY PAVEMENT (SQ YD)	TEMPORARY PAVEMENT REMOVAL (SQ YD)
		SINGLE	DOUBLE			SINGLE	DOUBLE								
PRE-STAGE - BUREAU COUNTY		1,972	996	0	0	0	0	1,321	0	0	0	0	0	1,796	1,796
PRE-STAGE - PUTNAM COUNTY		1,342	668	0	0	0	0	893	0	0	0	0	0	2,801	2,801
STAGE 1A - BUREAU COUNTY		1,813	1,035	0	0	0	0	1,294	1,621	0	1	5	0		
STAGE 1A - PUTNAM COUNTY		3,625	1,692	41	0	0	0	2,377	3,029	0	2	4	0		
STAGE 1B - BUREAU COUNTY		975	0	0	96	0	0	517	0	350	0	2	1		
STAGE 1B - PUTNAM COUNTY		1,123	27	0	48	0	0	488	0	512	0	1	0		
STAGE 1C - BUREAU COUNTY		388	0	0	54	0	0	237	938	0	0	0	2		
STAGE 1C - PUTNAM COUNTY		453	157	0	0	0	0	256	0	0	0	0	0		
STAGE 2A - BUREAU COUNTY		0	0	0	11	3,800	1,366	2,199	0	688	0	0	2		
STAGE 2A - PUTNAM COUNTY		0	0	0	48	6,147	2,982	4,133	0	963	0	0	2		
STAGE 2B - BUREAU COUNTY		0	0	0	17	0	171	148	0	0	0	0	0		
STAGE 2B - PUTNAM COUNTY		0	0	0	17	0	48	66	0	0	0	0	0		
DURATION OF CONST	48	29,132		0	0	0	0	9,711	0	0	0	0	0		

SUBTOTAL - BUREAU COUNTY	24	29984	4062	0	178	3800	3074	13996	2,559	1,038	1	7	5	1,796	1,796
SUBTOTAL - PUTNAM COUNTY	24	10839	5088	41	113	6147	6060	9645	3,029	1,475	2	5	2	2,801	2,801

TOTAL	48	49,973	41	291	19,081	23,641	5,588	2,513	3	12	7	4,597	4,597
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PLOT SCALE = NTS	DRAWN TMB	REVISED -
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	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 1 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	24
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

EARTHWORK SUMMARY - TOTAL

ROADWAY	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% FACTOR) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (+/-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
					EXCAVATION (CU YD)	PLACEMENT (CU YD)	
IL 89 PRE-STAGE - BUREAU COUNTY	1,392	1,183	12,158	-10,975	2,322	0	2,322
IL 89 PRE-STAGE - PUTNAM COUNTY	29	25	4,791	-4,766	1,823	0	1,823
IL 89 STAGE 1A - BUREAU COUNTY	3,670	3,119	36,435	-33,316	1,438	519	919
IL 89 STAGE 1A - PUTNAM COUNTY	5,629	4,785	27,884	-23,099	2,538	1,001	1,537
IL 89 STAGE 1B - PUTNAM COUNTY	142	121	6,220	-6,099	819	240	140
IL 89 STAGE 1C - PUTNAM COUNTY	64	54	8	46	10	0	10
IL 89 STAGE 2 - BUREAU COUNTY	2,588	2,199	5,191	-2,992	1,101	977	0
IL 89 STAGE 2 - PUTNAM COUNTY	1,746	1,483	3,302	-1,819	173	736	0
WASTEWATER TREATMENT PLANT ACCESS - CITY OF SPRING VALLEY	0	0	986	-986	0	0	0
BUREAU COUNTY SUBTOTAL	7,650			-47,283	4,861		3,241
PUTNAM COUNTY SUBTOTAL	7,610			-35,737	5,363		3,510
TOTAL	15,260	12,969	96,975	-84,006	10,224	3,473	6,751

• SEE WASTEWATER TREATMENT PLAN EARTHWORK SUMMARY TABLE

EARTHWORK SUMMARY - PRE-STAGE

STATION	STATION	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (+/-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
						EXCAVATION (CU YD)	PLACEMENT (CU YD)	
134+00.00	139+00.00	26	22	1,930	-1,908	469	0	469
139+00.00	144+00.00	26	22	9,424	-9,402	1,018	0	1,018
144+00.00	149+00.00	734	624	677	-53	610	0	610
149+00.00	155+00.00	606	515	127	388	225	0	225
SUBTOTAL BUREAU COUNTY		1,392	1,183	12,158	-10,975	2,322	0	2,322
155+00.00	160+00.00	0	0	0	0	0	0	0
160+00.00	165+00.00	0	0	0	0	0	0	0
165+00.00	170+00.00	21	18	497	-479	333	0	333
170+00.00	175+00.00	0	0	1,887	-1,887	663	0	663
175+00.00	180+00.00	8	7	1,757	-1,750	575	0	575
180+00.00	185+00.00	0	0	650	-650	252	0	252
185+00.00	190+00.00	0	0	0	0	0	0	0
SUBTOTAL PUTNAM COUNTY		29	25	4,791	-4,766	1,823	0	1,823
SUBTOTAL		1,421	1,208	16,949	-15,741	4,145	0	4,145

EARTHWORK SUMMARY - STAGE 1A

STATION	STATION	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (+/-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
						EXCAVATION (CU YD)	PLACEMENT (CU YD)	
134+00.00	139+00.00	0	0	0	0	0	0	0
139+00.00	144+00.00	2,017	1,714	9,460	-7,746	377	165	212
144+00.00	149+00.00	1,044	887	22,535	-21,648	891	283	608
149+00.00	155+00.00	609	518	4,440	-3,922	170	71	99
SUBTOTAL BUREAU COUNTY		3,670	3,119	36,435	-33,316	1,438	519	919
155+00.00	160+00.00	0	0	0	0	0	0	0
160+00.00	165+00.00	0	0	0	0	0	0	0
165+00.00	170+00.00	3,320	2,822	17,871	-15,049	1,048	434	614
170+00.00	175+00.00	1,840	1,564	8,774	-7,210	976	322	654
175+00.00	180+00.00	180	153	1,212	-1,059	510	233	277
180+00.00	185+00.00	289	246	27	219	4	12	-8
185+00.00	190+00.00	0	0	0	0	0	0	0
SUBTOTAL PUTNAM COUNTY		5,629	4,785	27,884	-23,099	2,538	1,001	1,537
SUBTOTAL		9,299	7,904	64,319	-56,415	3,976	1,520	2,456

EARTHWORK SUMMARY – STAGE 1B

STATION	STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+/-)	TOPSOIL EXCAVATION AND PLACEMENT		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
						EXCAVATION	PLACEMENT	
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
134+00.00	139+00.00	142	121	622	-501	295	121	174
139+00.00	144+00.00	0	0	5,598	-5,598	524	119	405
SUBTOTAL BUREAU COUNTY		142	121	6,220	-6,099	819	240	579
STOCKPILE 439 CU YDS OF TOPSOIL FOR USE IN STAGE 2								140

EARTHWORK SUMMARY – STAGE 1C

STATION	STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+/-)	TOPSOIL EXCAVATION AND PLACEMENT		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
						EXCAVATION	PLACEMENT	
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
169+00.00	174+00.00	7	6	1	5	2	0	2
174+00.00	179+00.00	57	48	7	41	8	0	8
179+00.00	184+00.00	0	0	0	0	0	0	0
184+00.00	189+00.00	0	0	0	0	0	0	0
SUBTOTAL PUTNAM COUNTY		64	54	8	46	10	0	10

EARTHWORK SUMMARY – STAGE 2

STATION	STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+/-)	TOPSOIL EXCAVATION AND PLACEMENT		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
						EXCAVATION	PLACEMENT	
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
133+00.00	138+00.00	637	541	912	-371	400	303	97
138+00.00	143+00.00	1,005	854	1,114	-260	108	261	-153
143+00.00	148+00.00	946	804	2,207	-1,403	484	351	133
148+00.00	155+00.00	0	0	958	-958	109	62	47
SUBTOTAL BUREAU COUNTY		2,588	2,199	5,191	-2,992	1,101	977	124
155+00.00	160+00.00	0	0	0	0	0	0	0
160+00.00	165+00.00	0	0	0	0	0	0	0
165+00.00	170+00.00	0	0	1,663	-1,663	96	142	-46
170+00.00	175+00.00	516	438	1,125	-687	36	272	-236
175+00.00	180+00.00	787	668	469	199	41	210	-169
180+00.00	185+00.00	443	377	45	332	0	112	-112
185+00.00	190+00.00	0	0	0	0	0	0	0
SUBTOTAL PUTNAM COUNTY		1,746	1,483	3,302	-1,819	173	736	-563
SUBTOTAL		4,334	3,682	8,493	-4,811	1,274	1,713	-439
UTILIZE STOCKPILED TOPSOIL FROM STAGE 1B								0

EARTHWORK SUMMARY – WASTEWATER TREATMENT PLANT

STATION	STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+/-)	TOPSOIL EXCAVATION AND PLACEMENT		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
						EXCAVATION	PLACEMENT	
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
133+50.00	138+50.00	0	0	488	-488	0	0	0
138+50.00	139+00.00	0	0	115	-115	0	0	0
139+00.00	139+50.00	0	0	122	-122	0	0	0
139+50.00	140+00.00	0	0	130	-130	0	0	0
140+00.00	140+50.00	0	0	131	-131	0	0	0
SUBTOTAL BUREAU COUNTY		0	0	986	-986	0	0	0

NOTE: THE ABOVE QUANTITY IS TO BE PAID 100% BY THE CITY OF SPRING VALLEY. THIS QUANTITY IS NECESSARY TO RAISE THE ROAD TO THE ELEVATION SHOWN IN THE PLANS. SEE WASTE WATER TREATMENT PLANT TYPICAL SECTION.

DRAINAGE STRUCTURES SCHEDULE

LOCATION		STRUCTURE NUMBER	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	PRECAST REINFORCED CONCRETE FLARED END SECTIONS				RIM EL. / FES INVERT	NORTH INVERT	EAST INVERT	SOUTH INVERT
					12"	18"	24"	30"				
ROAD	STATION / OFFSET		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)					
IL 89 - BUREAU COUNTY	STA. 133+51.16, 42.25 RT	1		1				480.53			452.88	
IL 89 - BUREAU COUNTY	STA. 133+90.00, 12.5 LT	84	1					487.16				
IL 89 - BUREAU COUNTY	STA. 133+90.00, 12.5 RT	85	1					487.16		481.84	481.84	
IL 89 - BUREAU COUNTY	STA. 134+38.00, 60.94 RT	2			1			461.60				
IL 89 - BUREAU COUNTY	STA. 134+46.60, 139 RT	301					1	452.18				
IL 89 - BUREAU COUNTY	STA. 136+11.44, 54.76 RT	3			1			460.80				
IL 89 - BUREAU COUNTY	STA. 136+11.44, 12.5 LT	80	1					476.64				
IL 89 - BUREAU COUNTY	STA. 136+11.44, 12.5 RT	81	1					476.64		471.79		
IL 89 - BUREAU COUNTY	STA. 138+30.00, 12.5 LT	82	1					468.09				
IL 89 - BUREAU COUNTY	STA. 138+30.00, 12.5 RT	83	1					468.09		463.24		
IL 89 - BUREAU COUNTY	STA. 138+30.00, 45 RT	302			1			459.85				
IL 89 - BUREAU COUNTY	STA. 139+75.00, 50 RT	303				1		458.22				
IL 89 - BUREAU COUNTY	STA. 141+00.00, 55 RT	304				1		457.38				
IL 89 - BUREAU COUNTY	STA. 141+40.00, 17 RT	86	1					463.35		458.81		
IL 89 - BUREAU COUNTY	STA. 141+40.00, 17 LT	87	1					463.35				
IL 89 - BUREAU COUNTY	STA. 141+40.00, 34.5 LT	307			1			460.08				
IL 89 - BUREAU COUNTY	STA. 141+80.00, 17 RT	88	1					463.42		458.88		
IL 89 - BUREAU COUNTY	STA. 141+80.00, 17 LT	89	1					463.42				
IL 89 - BUREAU COUNTY	STA. 141+80.00, 39.5 LT	308			1			459.89				
IL 89 - BUREAU COUNTY	STA. 144+00.00, 17 RT	90	1					466.42		461.88		
IL 89 - BUREAU COUNTY	STA. 144+00.00, 17 LT	91	1					466.42				
IL 89 - BUREAU COUNTY	STA. 144+00.00, 55 LT	309			1			458.89				
IL 89 - BUREAU COUNTY	STA. 146+20.00, 17 RT	92	1					473.91		469.37		
IL 89 - BUREAU COUNTY	STA. 146+20.00, 17 LT	93	1					473.91				
IL 89 - BUREAU COUNTY	STA. 146+20.00, 63 LT	310			1			457.69				
IL 89 - BUREAU COUNTY	STA. 147+85.00, 77.5 LT	305				1		455.88				
IL 89 - BUREAU COUNTY	STA. 148+15.00, 77.5 LT	306				1		455.73				
IL 89 - BUREAU COUNTY	STA. 148+50.00, 17 RT	94	1					485.21		480.67		
IL 89 - BUREAU COUNTY	STA. 148+50.00, 17 LT	95	1					485.21				
IL 89 - BUREAU COUNTY	STA. 148+50.00, 76.5 LT	311			1			459.14				
IL 89 - PUTNAM COUNTY	STA. 167+05.00, 17 RT	96	1					477.70		473.16		
IL 89 - PUTNAM COUNTY	STA. 167+05.00, 17 LT	97	1					477.70				
IL 89 - PUTNAM COUNTY	STA. 167+05.00, 83.5 LT	312			1			448.52				
IL 89 - PUTNAM COUNTY	STA. 169+00.00, 17 RT	98	1					469.20		464.66		
IL 89 - PUTNAM COUNTY	STA. 169+00.00, 17 LT	99	1					469.20				
IL 89 - PUTNAM COUNTY	STA. 169+00.00, 63.5 LT	313			1			449.68				
IL 89 - PUTNAM COUNTY	STA. 171+00.00, 17 RT	100	1					464.01		459.47		
IL 89 - PUTNAM COUNTY	STA. 171+00.00, 17 LT	101	1					464.01				
IL 89 - PUTNAM COUNTY	STA. 171+00.00, 51 LT	314			1			450.68				
IL 89 - PUTNAM COUNTY	STA. 173+10.00, 17 LT	102						462.44		460.32		
IL 89 - PUTNAM COUNTY	STA. 173+10.00, 46 LT	315			1			451.73				

SUBTOTAL - BUREAU COUNTY	16	1	8	2	2	1
SUBTOTAL - PUTNAM COUNTY	6	0	4	0	0	0
TOTAL	22	1	12	2	2	1

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	PLOT DATE = 8/26/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 4 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	27
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

STORM SEWER SCHEDULE

PIPE NO.	COUNTY	U/S STA.	D/S STA.	TYPE	DIA. (IN)	LENGTH (FT)	TRENCH BACKFILL (CU YD)	SHEET NO.
1	BUREAU (100% CITY)	133+51	134+47	2	30	138		1
2	BUREAU	133+90	134+38	2	12	88		1
4	BUREAU	139+75	141+00	2	24	125		1
5	BUREAU	147+85	148+15	1	18	30		2
80	BUREAU	136+11	136+11	2	12	25	19.8	1
81	BUREAU	136+11	136+11	2	12	40		1
82	BUREAU	138+30	138+30	2	12	25	8	1
83	BUREAU	138+30	138+30	2	12	30		1
84	BUREAU	133+90	133+90	2	12	25	9.1	1
85	BUREAU	141+40	141+40	2	12	34	11.6	1
86	BUREAU	141+40	141+40	2	12	12		1
87	BUREAU	141+80	141+80	2	12	34	11.6	1
88	BUREAU	141+80	141+80	2	12	17		1
89	BUREAU	144+00	144+00	2	12	34	11.6	1
90	BUREAU	144+00	144+00	2	12	37		1
91	BUREAU	146+20	146+20	2	12	34	11.6	2
92	BUREAU	146+20	146+20	2	12	48		2
93	BUREAU	148+50	148+50	2	12	34	11.6	2
94	BUREAU	148+50	148+50	2	12	71		2
95	PUTNAM	167+05	167+05	2	12	34	11.6	3
96	PUTNAM	167+05	167+05	2	12	82		3
97	PUTNAM	169+00	169+00	2	12	34	11.6	3
98	PUTNAM	169+00	169+00	2	12	55		3
99	PUTNAM	171+00	171+00	2	12	34	11.6	3
100	PUTNAM	171+00	171+00	2	12	38		3
101	PUTNAM	173+10	173+10	2	12	21		3
SUBTOTAL - BUREAU COUNTY				2	12	568	95	
SUBTOTAL - PUTNAM COUNTY				2	12	298	35	
TOTAL						866	130	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 5 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	28
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

SUMMARY OF PIPE UNDERDRAINS 4" (MODIFIED)

LOCATION	BUREAU	PUTNAM	TOTAL
IL 89 NB	1357	1456	2813
IL 89 SB	1366	1436	2802
TOTAL	2723	2892	5,615

IL 89 NORTHBOUND PIPE UNDERDRAINS 4" (MODIFIED)

U/S STATION	D/S STATION	OFFSET (LT/RT)	PUD LENGTH (FT)	PUD GRADE %	U/S INV. ELEV.	D/S INV. ELEV.
133+47	133+90	LT	43	4.74	487.47	485.43
133+90	136+08	LT	218	4.78	485.48	475.07
136+08	138+28	LT	220	3.93	475.07	466.42
138+28	139+96	LT	168	2.14	466.42	462.82
144+00	141+42	LT	258	1.21	464.87	461.74
146+20	144+00	LT	220	3.43	472.36	464.81
148+50	146+20	LT	230	4.94	483.66	472.30
BUREAU SUBTOTAL			1357			
166+94	169+00	LT	206	4.42	476.70	467.59
169+00	171+00	LT	200	2.63	467.65	462.40
171+00	173+00	LT	200	0.82	462.46	460.83
176+50	173+00	LT	350	0.40	460.83	459.43
178+00	180+50	LT	250	0.40	460.83	459.83
183+00	180+50	LT	250	0.88	463.02	460.83
PUTNAM SUBTOTAL			1456			

IL 89 SOUTHBOUND PIPE UNDERDRAINS 4" (MODIFIED)

U/S STATION	D/S STATION	OFFSET (LT/RT)	PUD LENGTH (FT)	PUD GRADE %	U/S INV. ELEV.	D/S INV. ELEV.
133+47	133+90	RT	43	4.74	487.47	485.43
133+90	136+08	RT	218	4.78	485.48	475.07
136+08	138+28	RT	220	3.93	475.07	466.42
138+28	140+05	RT	177	2.10	466.42	462.70
144+00	141+42	RT	258	1.21	464.87	461.74
146+20	144+00	RT	220	3.43	472.36	464.81
148+50	146+20	RT	230	4.94	483.66	472.30
BUREAU SUBTOTAL			1366			
166+94	169+00	RT	206	4.42	476.70	467.59
169+00	171+00	RT	200	2.63	467.65	462.40
171+00	173+00	RT	200	0.82	462.46	460.83
176+50	173+00	RT	350	0.40	460.83	459.43
178+00	180+50	RT	230	0.40	460.83	459.91
183+00	180+50	RT	250	0.40	460.95	459.95
PUTNAM SUBTOTAL			1436			

PIPE UNDERDRAINS 4" (SPECIAL) AND CONCRETE HEADWALL FOR PIPE DRAINS

LOCATION	U/S STATION	U/S INV. ELEV.	D/S STATION (HW)	OFFSET	OFFSET (LT/RT)	BUREAU	PUTNAM	BUREAU	PUTNAM	D/S (HW) INV. ELEV.
						PUD LENGTH (FT)		CONCRETE HEADWALL		
IL 89 NB	139+96	462.82	139+88	56.10	LT	36.0		1		450.84
IL 89 NB	173+00	460.83	173+00	42.90	LT		35.0		1	452.68
IL 89 NB	180+50	459.83	180+50	42.96	LT		33.0		1	456.80
IL 89 SB	140+05	462.70	140+00	30.16	RT	11.0		1		463.09
IL 89 SB	173+00	460.83	173+00	62.87	RT		52.0		1	453.77
IL 89 SB	180+50	459.91	180+50	40.00	RT		23.0		1	460.06
SUBTOTAL						47	143	2	4	

EROSION CONTROL SCHEDULE

STAGE	TEMPORARY FENCE	SEEDING, CLASS 2A	SEEDING, CLASS 3	SEEDING, CLASS 4B	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	HEAVY DUTY EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	TEMPORARY EROSION CONTROL BLANKET	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC	STABILIZED CONSTRUCTION ENTRANCE
	FOOT	ACRE	ACRE	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND	FOOT	FOOT	EACH	EACH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
PRE-STAGE - BUREAU COUNTY	2,417	0.10	0.23	0.00	30	30	30	0.66	1,597	134	120	2,968	1	0	6,455	1,289	0	1,289	130
PRE-STAGE - PUTNAM COUNTY	3,082	0.00	0.00	0.00	0	0	0	0.00	0	95	0	3,658	3	0	4,601	1,951	0	1,951	105
STAGE 1A - BUREAU COUNTY	0	0.00	0.00	0.00	0	0	0	0.00	0	93	100	142	1	3	4,487	0	0	0	0
STAGE 1A - PUTNAM COUNTY	0	0.15	0.00	0.17	14	14	14	0.30	726	191	0	532	1	4	9,252	0	0	0	0
STAGE 1B - BUREAU COUNTY	444	0.00	0.00	0.00	0	0	0	0.00	0	4	130	324	0	5	195	0	0	0	0
STAGE 1B - PUTNAM COUNTY	216	0.20	0.00	0.00	18	18	18	0.40	968	0	0	116	0	4	0	0	0	0	0
STAGE 1C - BUREAU COUNTY	300	0.30	1.25	0.00	140	140	140	3.10	7,502	0	90	0	0	9	0	0	0	0	0
STAGE 1C - PUTNAM COUNTY	442	0.45	0.93	0.00	124	124	124	2.76	6,679	0	0	0	0	4	0	0	1,040	0	0
STAGE 2A - BUREAU COUNTY	227	0.00	0.00	0.00	0	0	0	0.00	0	127	100	1,698	1	11	6,150	387	0	387	302
STAGE 2A - PUTNAM COUNTY	240	0.00	0.00	0.00	0	0	0	0.00	0	117	0	1,567	1	3	5,646	339	0	339	444
STAGE 2B - BUREAU COUNTY	400	0.15	2.30	0.50	220	220	220	4.90	11,858	0	100	0	0	0	0	0	0	0	0
STAGE 2B - PUTNAM COUNTY	1,429	0.19	1.45	0.73	147	147	147	3.28	7,938	0	0	0	0	0	0	0	625	0	0
SUBTOTAL - BUREAU COUNTY	3,788	0.75	3.75	0.50	389	389	389	9	20,957	358	640	5,132	3	28	17,287	1,676	0	1,676	432
SUBTOTAL - PUTNAM COUNTY	5,409	1.00	2.50	1.00	303	303	303	7	16,311	403	0	5,873	5	15	19,499	2,290	1,665	2,290	549
TOTAL	9,197	1.75	6.25	1.50	693	693	693	16	37,268	761	640	11,005	8	43	36,786	3,966	1,665	3,966	981

* SUBTOTAL - SEE ADDITIONAL QUANTITY FROM GROUND IMPROVEMENT PLANS

REVTMENT MAT SCHEDULE

STAGE	ARTICULATED BLOCK REVTMENT MAT	BEDDING MATERIAL, SPECIAL	GEOTECHNICAL FABRIC, SPECIAL
	SQ YD	CU YD	SQ YD
PRE-STAGE - BUREAU COUNTY	0	0	0
PRE-STAGE - PUTNAM COUNTY	0	0	0
STAGE 1A - BUREAU COUNTY	0	0	0
STAGE 1A - PUTNAM COUNTY	640	107	640
STAGE 1B - BUREAU COUNTY	0	0	0
STAGE 1B - PUTNAM COUNTY	0	0	0
STAGE 1C - BUREAU COUNTY	0	0	0
STAGE 1C - PUTNAM COUNTY	0	0	0
STAGE 2A - BUREAU COUNTY	0	0	0
STAGE 2A - PUTNAM COUNTY	0	0	0
STAGE 2B - BUREAU COUNTY	0	0	0
STAGE 2B - PUTNAM COUNTY	0	0	0
SUBTOTAL - BUREAU COUNTY	0	0	0
SUBTOTAL - PUTNAM COUNTY	640	107	640
TOTAL	640	107	640

THERMAL INTEGRITY PROFILE SENSORS FOR DRILLED SHAFTS SCHEDULE

PIER #	NUMBER OF DRILLED SHAFTS	LENGTH OF DRILLED SHAFTS	REQUIRED NUMBER OF ACCESS LOCATIONS FOR EMBEDDED THERMAL SENSORS	THERMAL INTEGRITY PROFILE SENSORS
		FEET		FEET
PIER 2	4	74.5	24	298
PIER 3	6	54.8	36	329
PIER 4	6	60.1	36	361
PIER 5	4	59.0	24	236
TOTAL			120	1224

TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
ROAD	STATION	LT/RT	UNIT
IL 89	141+82.92	RT	12
IL 89	147+13.43	RT	14
IL 89	147+28.41	RT	14
IL 89	147+44.46	RT	6
IL 89	147+44.46	RT	6
IL 89	147+49.08	RT	9
IL 89	147+49.08	RT	7
IL 89	147+64.31	RT	8
BUREAU SUBTOTAL			76
SPRING VALLEY BOAT CLUB ENT	504+59.87	RT	10
SPRING VALLEY BOAT CLUB ENT	505+62.31	RT	14
SPRING VALLEY BOAT CLUB ENT	505+82.99	RT	12
SPRING VALLEY BOAT CLUB ENT	505+85.59	RT	14
SPRING VALLEY BOAT CLUB ENT	505+86.96	RT	8
SPRING VALLEY BOAT CLUB ENT	505+91.23	RT	9
SPRING VALLEY BOAT CLUB ENT	505+91.23	RT	11
SPRING VALLEY BOAT CLUB ENT	506+25.68	RT	11
SPRING VALLEY BOAT CLUB ENT	506+25.68	RT	7
SPRING VALLEY BOAT CLUB ENT	506+25.68	RT	14
SPRING VALLEY BOAT CLUB ENT	506+27.15	RT	9
SPRING VALLEY BOAT CLUB ENT	506+32.71	RT	9
SPRING VALLEY BOAT CLUB ENT	506+36.23	RT	6
SPRING VALLEY BOAT CLUB ENT	506+39.76	RT	7
SPRING VALLEY BOAT CLUB ENT	506+42.27	RT	9
SPRING VALLEY BOAT CLUB ENT	506+43.46	RT	8
SPRING VALLEY BOAT CLUB ENT	506+47.47	RT	12
SPRING VALLEY BOAT CLUB ENT	506+48.34	RT	8
SPRING VALLEY BOAT CLUB ENT	506+48.34	RT	6
SPRING VALLEY BOAT CLUB ENT	506+63.42	RT	11
SPRING VALLEY BOAT CLUB ENT	506+64.69	RT	9
SPRING VALLEY BOAT CLUB ENT	506+82.06	RT	14
SPRING VALLEY BOAT CLUB ENT	506+89.40	RT	13
SPRING VALLEY BOAT CLUB ENT	507+09.45	RT	12
SPRING VALLEY BOAT CLUB ENT	507+76.27	RT	12
SPRING VALLEY BOAT CLUB ENT	507+87.28	LT	13
SPRING VALLEY BOAT CLUB ENT	507+87.28	LT	15
SPRING VALLEY BOAT CLUB ENT	507+98.45	RT	13
SPRING VALLEY BOAT CLUB ENT	508+03.47	LT	8
SPRING VALLEY BOAT CLUB ENT	508+03.55	RT	10
SPRING VALLEY BOAT CLUB ENT	508+03.55	RT	12
SPRING VALLEY BOAT CLUB ENT	508+09.06	RT	8
SPRING VALLEY BOAT CLUB ENT	508+12.20	LT	11
SPRING VALLEY BOAT CLUB ENT	508+12.64	RT	7
SPRING VALLEY BOAT CLUB ENT	508+15.01	RT	9
SPRING VALLEY BOAT CLUB ENT	508+16.06	LT	8
SPRING VALLEY BOAT CLUB ENT	508+19.28	RT	11
SPRING VALLEY BOAT CLUB ENT	508+24.36	LT	12
SPRING VALLEY BOAT CLUB ENT	508+28.68	LT	9
SPRING VALLEY BOAT CLUB ENT	508+28.68	LT	11
SPRING VALLEY BOAT CLUB ENT	508+32.13	LT	11
SPRING VALLEY BOAT CLUB ENT	508+39.81	LT	12
SPRING VALLEY BOAT CLUB ENT	508+74.85	LT	9
SPRING VALLEY BOAT CLUB ENT	508+74.85	LT	7
SPRING VALLEY BOAT CLUB ENT	509+32.78	RT	9
SPRING VALLEY BOAT CLUB ENT	509+32.78	RT	10
SPRING VALLEY BOAT CLUB ENT	509+32.78	RT	10
SPRING VALLEY BOAT CLUB ENT	509+37.03	RT	15
SPRING VALLEY BOAT CLUB ENT	510+86.22	LT	9
SPRING VALLEY BOAT CLUB ENT	510+88.11	LT	12
SPRING VALLEY BOAT CLUB ENT	510+88.15	LT	11
SPRING VALLEY BOAT CLUB ENT	510+89.43	LT	12
SPRING VALLEY BOAT CLUB ENT	510+97.91	LT	13
SPRING VALLEY BOAT CLUB ENT	511+02.08	LT	9
SPRING VALLEY BOAT CLUB ENT	511+25.40	LT	15
SPRING VALLEY BOAT CLUB ENT	511+28.39	LT	9
SPRING VALLEY BOAT CLUB ENT	511+29.42	LT	10
SPRING VALLEY BOAT CLUB ENT	511+29.73	LT	7
SPRING VALLEY BOAT CLUB ENT	511+30.21	LT	15
SPRING VALLEY BOAT CLUB ENT	511+40.81	LT	10
SPRING VALLEY BOAT CLUB ENT	511+47.16	LT	13
SPRING VALLEY BOAT CLUB ENT	511+51.29	LT	15
SPRING VALLEY BOAT CLUB ENT	511+53.13	LT	8
SPRING VALLEY BOAT CLUB ENT	511+54.41	LT	11
SPRING VALLEY BOAT CLUB ENT	511+58.87	LT	10
SPRING VALLEY BOAT CLUB ENT	511+61.75	LT	7
SPRING VALLEY BOAT CLUB ENT	511+61.75	LT	9
SPRING VALLEY BOAT CLUB ENT	511+75.50	LT	9
SPRING VALLEY BOAT CLUB ENT	511+75.50	LT	9
SPRING VALLEY BOAT CLUB ENT	512+39.99	LT	10
SPRING VALLEY BOAT CLUB ENT	512+39.99	LT	10
SPRING VALLEY BOAT CLUB ENT	512+55.58	LT	7
SPRING VALLEY BOAT CLUB ENT	512+55.58	LT	6

TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
ROAD	STATION	LT/RT	UNIT
SPRING VALLEY BOAT CLUB ENT	512+55.58	LT	11
SPRING VALLEY BOAT CLUB ENT	512+55.58	LT	11
SPRING VALLEY BOAT CLUB ENT	512+58.43	LT	6
SPRING VALLEY BOAT CLUB ENT	512+45.58	LT	15
SPRING VALLEY BOAT CLUB ENT	512+47.66	LT	12
SPRING VALLEY BOAT CLUB ENT	512+59.06	LT	10
SPRING VALLEY BOAT CLUB ENT	512+88.72	LT	11
SPRING VALLEY BOAT CLUB ENT	512+88.72	LT	8
SPRING VALLEY BOAT CLUB ENT	512+88.72	LT	8
SPRING VALLEY BOAT CLUB ENT	512+88.72	LT	7
SPRING VALLEY BOAT CLUB ENT	512+92.80	LT	11
SPRING VALLEY BOAT CLUB ENT	514+32.03	LT	9
SPRING VALLEY BOAT CLUB ENT	514+33.85	LT	9
SPRING VALLEY BOAT CLUB ENT	514+35.64	LT	9
SPRING VALLEY BOAT CLUB ENT	514+45.33	LT	11
SPRING VALLEY BOAT CLUB ENT	514+45.33	LT	7
SPRING VALLEY BOAT CLUB ENT	514+54.23	LT	12
SPRING VALLEY BOAT CLUB ENT	514+54.23	LT	9
SPRING VALLEY BOAT CLUB ENT	APPROX 514+70.61	LT	11
SPRING VALLEY BOAT CLUB ENT	APPROX 514+99.02	LT	10
PUTNAM SUBTOTAL			948
TOTAL			1,024

TREE REMOVAL (OVER 15 UNITS DIAMETER)			
ROAD	STATION	LT/RT	UNIT
BUREAU SUBTOTAL			0
SPRING VALLEY BOAT CLUB ENT	505+50.39	RT	17
SPRING VALLEY BOAT CLUB ENT	505+66.65	RT	24
SPRING VALLEY BOAT CLUB ENT	506+14.72	RT	21
SPRING VALLEY BOAT CLUB ENT	506+30.45	RT	19
SPRING VALLEY BOAT CLUB ENT	506+34.42	RT	23
SPRING VALLEY BOAT CLUB ENT	508+19.65	RT	32
SPRING VALLEY BOAT CLUB ENT	508+77.06	LT	19
SPRING VALLEY BOAT CLUB ENT	508+91.34	LT	16
SPRING VALLEY BOAT CLUB ENT	510+49.08	LT	35
SPRING VALLEY BOAT CLUB ENT	511+24.71	LT	16
SPRING VALLEY BOAT CLUB ENT	511+25.40	LT	18
SPRING VALLEY BOAT CLUB ENT	514+01.05	LT	25
SPRING VALLEY BOAT CLUB ENT	514+01.05	LT	26
PUTNAM SUBTOTAL			291
TOTAL			291

PAVEMENT REMOVAL			
ROAD	STATION FROM	STATION TO	SQ YD
IL 89	133+76.91	148+38.44	4,278
BUREAU SUBTOTAL			4,278
IL 89	167+12.80	183+00.00	4,821
PUTNAM SUBTOTAL			4,821
TOTAL			9,099

DRIVEWAY PAVEMENT REMOVAL			
ROAD	STATION FROM	STATION TO	SQ YD
BUREAU SUBTOTAL			0
SPRING VALLEY BOAT CLUB ENT	500+13.56	500+86.88	364
CARGILL SOUTH ENT	176+53.69	178+30.87	679
PUTNAM SUBTOTAL			1,044
TOTAL			1,044

HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL			
ROAD	STATION FROM	STATION TO	SQ YD
ADM ENT	307+56.45	314+34.24	3,086
BUREAU SUBTOTAL			3,086
SPRING VALLEY BOAT CLUB ENT	500+86.88	512+69.20	2,799
PUTNAM SUBTOTAL			2,799
TOTAL			5,885

COMBINATION CURB AND GUTTER REMOVAL			
ROAD	STATION FROM	STATION TO	FOOT
IL 89	133+46.91	133+76.91	30
IL 89	133+46.91	133+76.91	30
IL 89	148+38.34	148+89.28	51
IL 89	148+38.44	148+89.33	51
BUREAU SUBTOTAL			162
IL 89	166+62.24	167+12.96	51
IL 89	166+62.17	167+12.80	51
CARGILL SOUTH ENT	176+54.00	177+07.00	89
CARGILL SOUTH ENT	MEDIAN		106
CARGILL SOUTH ENT	177+76.00	178+31.00	93
PUTNAM SUBTOTAL			390
TOTAL			552

SIDEWALK REMOVAL			
ROAD	STATION FROM	STATION TO	SQ FT
IL 89	133+46.91	133+87.34	255
BUREAU SUBTOTAL			255
PUTNAM SUBTOTAL			0
TOTAL			255

MEDIAN REMOVAL	
ROAD	SQ FT
BUREAU SUBTOTAL	0
CARGILL SOUTH ENT	675
PUTNAM SUBTOTAL	675
TOTAL	675

PAVED SHOULDER REMOVAL			
ROAD	STATION FROM	STATION TO	SQ YD
BUREAU SUBTOTAL			0
IL 89	175+87.76	176+53.69	34
IL 89	176+67.40	177+12.21	59
IL 89	177+56.33	183+00.00	671
IL 89	178+30.87	183+00.00	568
PUTNAM SUBTOTAL			1,332
TOTAL			1,332

GUARDRAIL REMOVAL			
ROAD	STATION FROM	STATION TO	FOOT
IL 89	133+44.34	143+45.09	1,001
IL 89	133+74.51	143+63.89	1,003
IL 89	144+52.31	148+89.28	435
IL 89	144+57.61	148+48.82	388
BUREAU SUBTOTAL			2,826
IL 89	166+62.24	177+12.00	1,083
IL 89	166+62.17	176+12.10	948
IL 89	177+56.04	183+05.41	583
PUTNAM SUBTOTAL			2,614
TOTAL			5,440

APPROACH SLAB REMOVAL			
ROAD	STATION FROM	STATION TO	SQ YD
IL 89	133+46.91	133+76.91	127
IL 89	148+38.34	148+89.28	126
BUREAU SUBTOTAL			253
IL 89	166+62.24	167+12.96	126
PUTNAM SUBTOTAL			126
TOTAL			379

BOLLARD REMOVAL			
ROAD	STATION	LT/RT	EACH
ADM ENT	144+59.20	LT	1
ADM ENT	144+76.76	LT	1
ADM ENT	145+03.17	LT	1
ADM ENT	145+31.70	LT	1
ADM ENT	145+62.12	LT	1
ADM ENT	145+95.10	LT	1
ADM ENT	146+27.36	LT	1
ADM ENT	146+58.71	LT	1
ADM ENT	146+90.99	LT	1
ADM ENT	147+23.32	LT	1
ADM ENT	147+54.27	LT	1
ADM ENT	147+86.54	LT	1
ADM ENT	148+15.10	LT	1
ADM ENT	148+38.60	LT	1
ADM ENT	148+68.84	LT	1
ADM ENT	148+82.91	LT	1
ADM ENT	148+94.71	LT	1
ADM ENT	149+17.29	LT	1
ADM ENT	149+24.57	LT	1
ADM ENT	149+31.13	LT	1
ADM ENT	149+39.73	LT	1
ADM ENT	149+55.16	LT	1
ADM ENT	149+61.86	LT	1
ADM ENT	149+69.93	LT	1
ADM ENT	149+82.70	LT	1
ADM ENT	149+88.09	LT	1
BUREAU SUBTOTAL			26
PUTNAM SUBTOTAL			0
TOTAL			26

EFK·Moen, LLC
Civil Engineering Design

USER NAME = mearnack
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 8/26/2015

DESIGNED - JH
 DRAWN - MW
 CHECKED - PJK
 DATE - 8/7/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	31
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS				
ROAD	STATION FROM	STATION TO	LT/RT	FOOT
IL 89	133+90.66	139+90.66	LT	600.0
IL 89	133+90.54	139+51.80	RT	562.5
IL 89	145+16.02	148+27.73	LT	312.5
IL 89	144+89.37	148+27.73	RT	337.5
BUREAU SUBTOTAL				1,812.5
IL 89	167+26.16	176+75.78	LT	949.6
IL 89	177+92.81	183+05.41	LT	512.5
PUTNAM SUBTOTAL				1,462.5
TOTAL				3,275.0

TRAFFIC BARRIER TERMINAL, TYPE 6				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	133+46.91	133+90.66	LT	1
IL 89	133+46.89	133+90.54	RT	1
IL 89	148+27.73	148+71.48	LT	1
IL 89	148+27.73	148+71.48	RT	1
BUREAU SUBTOTAL				4
IL 89	166+82.41	167+26.16	LT	1
IL 89	166+82.41	167+26.17	RT	1
PUTNAM SUBTOTAL				2
TOTAL				6

TRAFFIC BARRIER TERMINAL, TYPE 6A					
ROAD	STATION FROM	STATION TO	LT/RT	EACH	
BUREAU SUBTOTAL					0
IL 89	176+75.78	177+12.21	LT	1	
IL 89	177+56.31	177+92.81	LT	1	
PUTNAM SUBTOTAL				2	
TOTAL				2	

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	139+90.66	140+23.49	LT	1
IL 89	139+51.80	140+01.65	RT	1
BUREAU SUBTOTAL				2
PUTNAM SUBTOTAL				0
TOTAL				2

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	144+65.15	145+16.02	LT	1
IL 89	144+39.24	144+89.37	RT	1
BUREAU SUBTOTAL				2
IL 89	167+26.17	167+76.30	RT	1
PUTNAM SUBTOTAL				1
TOTAL				3

DELINEATORS				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	141+00.00	144+66.15	LT	1
IL 89	141+00.00	144+39.24	RT	1
BUREAU SUBTOTAL				2
IL 89	167+76.30	177+00.00	RT	2
IL 89	178+00.00	183+00.00	RT	1
PUTNAM SUBTOTAL				3
TOTAL				5

SIGN PANEL - TYPE 1			
ROAD	STATION	SIGN	SQ FT
IL 89	135+85.00	R2-1, SPEED LIMIT	8
IL 89	135+85.00	R2-1, SPEED LIMIT	8
IL 89	136+00.00	W11-10, TRUCK	9
IL 89	138+85.00	W3-5, REDUCED SPEED LIMIT AHEAD	8
ADM ENT	304+11.27	R1-1, STOP	6
BARTO BOAT LANDING ENT	303+41.82	R1-1, STOP	6
IL 89	144+51.00	R2-1, SPEED LIMIT	8
IL 89	148+50.00	I-2, JURISDICTIONAL BOUNDARY	5
IL 89	148+50.00	I-3, GEOGRAPHICAL FEATURES	5
BUREAU SUBTOTAL			62
IL 89	167+00.00	I-2, JURISDICTIONAL BOUNDARY	5
IL 89	167+00.00	I-3, GEOGRAPHICAL FEATURE	5
IL 89	169+00.00	W11-10, TRUCK	9
IL 89	172+00.00	R2-1, SPEED LIMIT	8
IL 89	172+00.00	R2-1, SPEED LIMIT	5
SPRING VALLEY BOAT CLUB ENT	500+35.70	R1-1, STOP	6
CARGILL SOUTH ENT	177+75.70	R1-1, STOP	6
IL 89	179+75.00	W2-1, INTERSECTION WARNING	9
IL 89	182+00.00	W1-2, HORIZONTAL ALIGNMENT	9
IL 89	184+00.00	W11-10, TRUCK	9
PUTNAM SUBTOTAL			71
TOTAL			133

SIGN PANEL - TYPE 2				
ROAD	STATION	SIGN	SQ FT	
BUREAU SUBTOTAL				0
IL 89	174+00.00	D2-2, DISTANCE	14	
PUTNAM SUBTOTAL			14	
TOTAL			14	

WOOD SIGN SUPPORT			
ROAD	STATION	SIGN	FOOT
IL 89	135+85.00	R2-1, SPEED LIMIT	14
IL 89	135+85.00	R2-1, SPEED LIMIT	14
IL 89	136+00.00	W11-10, TRUCK	14
IL 89	138+85.00	W3-5, REDUCED SPEED LIMIT AHEAD	14
ADM ENT	304+11.27	R1-1, STOP	13
BARTO BOAT LANDING ENT	303+41.82	R1-1, STOP	13
IL 89	144+51.00	R2-1, SPEED LIMIT	14
IL 89	148+50.00	I-2, JURISDICTIONAL BOUNDARY	15
IL 89	148+50.00	I-3, GEOGRAPHICAL FEATURES	15
BUREAU SUBTOTAL			109
IL 89	167+00.00	I-2, JURISDICTIONAL BOUNDARY	15
IL 89	167+00.00	I-3, GEOGRAPHICAL FEATURE	15
IL 89	169+00.00	W11-10, TRUCK	14
IL 89	172+00.00	R2-1, SPEED LIMIT	14
IL 89	172+00.00	R2-1, SPEED LIMIT	14
IL 89	174+00.00	D2-2, DISTANCE	13
IL 89	174+00.00	D2-2, DISTANCE	13
SPRING VALLEY BOAT CLUB ENT	500+35.70	R1-1, STOP	13
CARGILL SOUTH ENT	177+75.70	R1-1, STOP	13
IL 89	179+75.00	W2-1, INTERSECTION WARNING	14
IL 89	182+00.00	W1-2, HORIZONTAL ALIGNMENT	14
IL 89	184+00.00	W11-10, TRUCK	14
PUTNAM SUBTOTAL			149
TOTAL			258

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS			
ROAD	STATION FROM	SQ FT	REMARKS
BUREAU SUBTOTAL			0
IL 89	184+91.24	15.6	LEFT ARROW
IL 89	185+77.12	15.6	LEFT ARROW
PUTNAM SUBTOTAL		31.2	
TOTAL		31.2	

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"				
ROAD	STATION FROM	STATION TO	FOOT	REMARKS
IL 89	130+50.00	155+00.00	2,450	EDGE LINE
IL 89	130+50.00	155+00.00	4,900	DOUBLE YELLOW
IL 89	130+50.00	155+00.00	2,450	EDGE LINE
ADM ENT	304+08.77	304+30.71	94	DOUBLE YELLOW
BUREAU SUBTOTAL			9,894	
IL 89	155+00.00	185+94.56	3,095	EDGE LINE
IL 89	155+00.00	186+02.47	6,205	DOUBLE YELLOW
IL 89	155+00.00	185+03.20	3,003	EDGE LINE
IL 89	178+53.04	185+02.16	1,298	DOUBLE YELLOW
IL 89	186+86.69	187+49.48	126	DOUBLE YELLOW
IL 89	186+86.69	187+49.48	63	EDGE LINE
PUTNAM SUBTOTAL			13,789	
TOTAL			23,683	

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"				
ROAD	STATION FROM	STATION TO	FOOT	
BUREAU SUBTOTAL				0
IL 89	183+34.55	184+81.51	37	
IL 89	184+81.51	186+02.96	121	
PUTNAM SUBTOTAL			158	
TOTAL			158	

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"				
ROAD	STATION FROM	STATION TO	FOOT	
ADM ENT	304+08.77	304+30.71	9	
BUREAU SUBTOTAL				9
IL 89	178+53.04	185+02.16	120	
PUTNAM SUBTOTAL			120	
TOTAL			129	

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"				
ROAD	STATION FROM	STATION TO	FOOT	
ADM ENT	304+11.27	304+11.27	39	
BARTO BOAT LANDING ENT	303+41.82	303+41.82	34	
BUREAU SUBTOTAL				73
SPRING VALLEY BOAT CLUB ENT	500+35.70	500+35.70	21	
CARGILL SOUTH ENT	177+50.66	177+75.70	25	
PUTNAM SUBTOTAL			47	
TOTAL			120	

RAISED REFLECTIVE PAVEMENT MARKER				
ROAD	STATION FROM	STATION TO	EACH	
IL 89	130+50.00	148+89.00	47	
BUREAU SUBTOTAL				47
IL 89	166+62.00	186+02.47	50	
IL 89	178+53.04	185+02.16	17	
IL 89	184+81.51	186+02.96	4	
IL 89	186+86.69	187+49.48	3	
PUTNAM SUBTOTAL			73	
TOTAL			120	

EFK Moen, LLC
Civil Engineering Design

USER NAME = mwarnock
PLOT SCALE = 100.0000' / in.
PLOT DATE = 8/26/2015

DESIGNED - JH
DRAWN - MW
CHECKED - PJK
DATE - 8/7/2015

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	32
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)			
ROAD	STATION FROM	STATION TO	EACH
IL 89	148+89.00	155+00.00	16
BUREAU SUBTOTAL			16
IL 89	155+00.00	166+62.00	30
PUTNAM SUBTOTAL			30
TOTAL			46

LINEAR DELINEATOR PANELS, 6"				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	149+00.00	155+00.00	LT	9
IL 89	149+00.00	155+00.00	RT	9
BUREAU SUBTOTAL				18
IL 89	155+00.00	166+50.00	LT	15
IL 89	155+00.00	166+50.00	RT	15
PUTNAM SUBTOTAL				30
TOTAL				48

PRISMATIC CURB REFLECTOR			
ROAD	STATION FROM	STATION TO	EACH
BUREAU SUBTOTAL			0
CARGILL SOUTH ENT	177+33.14	177+49.89	10
PUTNAM SUBTOTAL			10
TOTAL			10

GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS			
ROAD	STATION FROM	SQ FT	REMARKS
BUREAU SUBTOTAL			0
IL 89	184+91.24	15.6	LEFT ARROW
IL 89	185+77.12	15.6	LEFT ARROW
PUTNAM SUBTOTAL			31.2
TOTAL			31.2

GUARDRAIL MARKERS, TYPE A				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	133+46.91	140+23.49	LT	5
IL 89	133+46.89	140+01.65	RT	2
IL 89	144+66.15	148+71.48	LT	2
IL 89	144+39.24	148+71.48	RT	6
BUREAU SUBTOTAL				15
IL 89	166+82.41	177+12.21	LT	3
IL 89	166+82.41	167+76.30	RT	0
IL 89	177+59.31	183+05.41	LT	1
PUTNAM SUBTOTAL				4
TOTAL				19

GROOVING FOR RECESSED PAVEMENT MARKING 5"				
ROAD	STATION FROM	STATION TO	FOOT	REMARKS
IL 89	130+50.00	155+00.00	2,450	EDGE LINE
IL 89	130+50.00	155+00.00	4,900	DOUBLE YELLOW
IL 89	130+50.00	155+00.00	2,450	EDGE LINE
ADM ENT	304+08.77	304+30.71	94	DOUBLE YELLOW
BUREAU SUBTOTAL			9,894	
IL 89	155+00.00	185+94.56	3,095	EDGE LINE
IL 89	155+00.00	186+02.47	6,205	DOUBLE YELLOW
IL 89	155+00.00	185+03.20	3,003	EDGE LINE
IL 89	178+53.04	185+02.16	1,298	2 - DOUBLE YELLOW
IL 89	186+86.69	187+49.48	126	DOUBLE YELLOW
IL 89	186+86.69	187+49.48	63	EDGE LINE
PUTNAM SUBTOTAL			13,789	
TOTAL			23,683	

BARRIER WALL MARKERS, TYPE A				
ROAD	STATION FROM	STATION TO	LT/RT	EACH
IL 89	148+71.48	155+00.00	LT	1
IL 89	148+71.48	155+00.00	RT	1
BUREAU SUBTOTAL				2
IL 89	155+00.00	166+82.41	LT	3
IL 89	155+00.00	166+82.41	RT	3
PUTNAM SUBTOTAL				6
TOTAL				8

GROOVING FOR RECESSED PAVEMENT MARKING 9"			
ROAD	STATION FROM	STATION TO	FOOT
BUREAU SUBTOTAL			0
IL 89	183+34.55	184+81.51	37
IL 89	184+81.51	186+02.96	121
PUTNAM SUBTOTAL			158
TOTAL			158

TERMINAL MARKER-DIRECT APPLIED			
ROAD	STATION FROM	LT/RT	EACH
IL 89	140+23.49	LT	1
IL 89	140+01.65	RT	1
IL 89	144+66.15	LT	1
IL 89	144+39.24	RT	1
BUREAU SUBTOTAL			4
IL 89	167+76.30	RT	1
PUTNAM SUBTOTAL			1
TOTAL			5

GROOVING FOR RECESSED PAVEMENT MARKING 13"			
ROAD	STATION FROM	STATION TO	FOOT
ADM ENT	304+08.77	304+30.71	9
BUREAU SUBTOTAL			9
IL 89	178+53.04	185+02.16	120
PUTNAM SUBTOTAL			120
TOTAL			129

GROOVING FOR RECESSED PAVEMENT MARKING 25"				
ROAD	STATION FROM	STATION TO	FOOT	
ADM ENT	304+11.27	304+11.27	39	
BARTO BOAT LANDING ENT	303+41.82	303+41.82	34	
BUREAU SUBTOTAL			73	
SPRING VALLEY BOAT CLUB ENT	500+35.70	500+35.70	21	
CARGILL SOUTH ENT	177+50.66	177+75.70	25	
PUTNAM SUBTOTAL			47	
TOTAL			120	

EFK Moen, LLC
Civil Engineering Design

USER NAME = mwarnack
PLOT SCALE = 100.0000' / in.
PLOT DATE = 8/26/2015

DESIGNED - JH
DRAWN - MW
CHECKED - PJK
DATE - 8/7/2015

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	33
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



PR CURVE PR_CURVE_IL89-1
 PI STA = 138+01.84
 $\Delta = 4^\circ 07' 00''$ (LT)
 D = $0^\circ 43' 39''$
 R = 7,875.00'
 T = 283.03'
 L = 565.82'
 E = 5.08'
 e = NORMAL CROWN
 PC STA = 135+18.81
 PT STA = 140+84.63

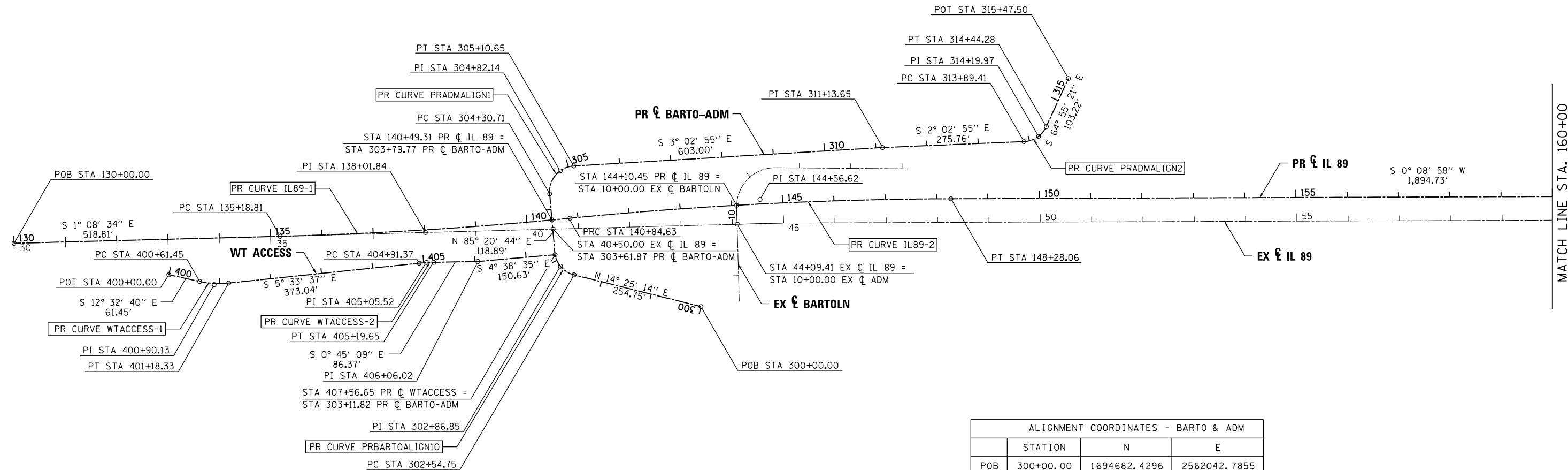
PR CURVE PRADMALIGN1
 PI STA = 304+82.14
 $\Delta = 91^\circ 36' 22''$ (RT)
 D = $114^\circ 35' 30''$
 R = 50.00'
 T = 51.42'
 L = 79.94'
 E = 21.72'
 e = NORMAL CROWN
 PC STA = 304+30.71
 PT STA = 305+10.65

ALIGNMENT COORDINATES - IL 89			
	STATION	N	E
POB	130+00.00	1696019.9863	2562174.5574
PC	135+18.81	1695501.2795	2562184.9049
PI	138+01.84	1695218.3056	2562190.5498
PRC	140+84.63	1694936.4671	2562216.4943
PI	144+56.62	1694566.0387	2562250.5938
PT	148+28.06	1694194.0453	2562249.6233

PR CURVE PRBARTOALIGN10
 PI STA = 302+86.85
 $\Delta = 65^\circ 23' 52''$ (RT)
 D = $114^\circ 35' 30''$
 R = 50.00'
 T = 32.10'
 L = 57.07'
 E = 9.42'
 e = NORMAL CROWN
 PC STA = 302+54.75
 PT STA = 303+11.82

PR CURVE PR_CURVE_IL89-2
 PI STA = 144+56.62
 $\Delta = 5^\circ 24' 32''$ (RT)
 D = $0^\circ 43' 39''$
 R = 7,875.00'
 T = 371.99'
 L = 743.44'
 E = 8.78'
 e = NORMAL CROWN
 PC STA = 140+84.63
 PT STA = 148+28.06

PR CURVE PRADMALIGN2
 PI STA = 314+19.97
 $\Delta = 62^\circ 52' 26''$ (LT)
 D = $114^\circ 35' 30''$
 R = 50.00'
 T = 30.56'
 L = 54.87'
 E = 8.60'
 e = NORMAL CROWN
 PC STA = 313+89.41
 PT STA = 314+44.28



PROP. CURVE WTACCESS-1
 PI STA. = 400+90.13
 $\Delta = 18^\circ 06' 17''$ (LT)
 D = $31^\circ 49' 52''$
 R = 180.00'
 T = 28.68'
 L = 56.88'
 E = 2.27'
 e = NORMAL CROWN
 P.C. STA = 400+61.45
 P.T. STA = 401+18.33

PROP. CURVE WTACCESS-2
 PI STA. = 405+05.52
 $\Delta = 4^\circ 48' 28''$ (RT)
 D = $17^\circ 00' 06''$
 R = 337.00'
 T = 14.15'
 L = 28.28'
 E = 0.30'
 e = NORMAL CROWN
 P.C. STA = 404+91.37
 P.T. STA = 405+19.65

ALIGNMENT COORDINATES - WTACCESS			
	STATION	N	E
POB	400+00.00	1695718.6664	2562111.3820
PC	400+61.45	1695658.6803	2562098.0346
PI	400+90.13	1695630.6872	2562091.8059
PT	401+18.33	1695602.1445	2562094.5846
PC	404+91.37	1695230.8571	2562130.7293
PI	405+05.52	1695216.7761	2562132.1001
PT	405+19.65	1695202.6298	2562132.2858
PI	406+06.02	1695116.2646	2562133.4200
PI	407+56.65	1694966.1337	2562145.6129

ALIGNMENT COORDINATES - BARTO & ADM			
	STATION	N	E
POB	300+00.00	1694682.4296	2562042.7855
PC	302+54.75	1694929.1563	2562106.2291
PI	302+86.85	1694960.2864	2562114.0520
PT	303+11.82	1694966.1337	2562145.6129
PC	304+30.71	1694975.7813	2562264.1110
PI	304+82.14	1694979.9540	2562315.3629
PT	305+10.65	1694928.6052	2562318.0976
PI	311+13.65	1694326.4613	2562350.1659
PC	313+89.41	1694050.8820	2562360.0230
PI	314+19.97	1694020.3372	2562361.1156
PT	314+44.28	1694007.3826	2562388.7988
PT	315+47.50	1693963.6323	2562482.2906

FILE NAME =	USER NAME = swilkson	DESIGNED RJP	REVISED -
...D366A69-sht-IL89-ATB-align-01.dgn		DRAWN TMB	REVISED -
#MODELNAME#	PLOT SCALE = 1"=100'	CHECKED JNR	REVISED -
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT TIES AND BENCHMARKS			
IL 89			
SCALE: 1"=100'	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	34
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

MATCH LINE STA. 160+00



PR CURVE PR_CURVE_IL89-3
 PI STA = 169+60.89
 $\Delta = 3^\circ 27' 49''$ (RT)
 $D = 0^\circ 43' 39''$
 $R = 7,875.00'$
 $T = 238.10'$
 $L = 476.06'$
 $E = 3.60'$
 $e =$ NORMAL CROWN
 PC STA = 167+22.79
 PT STA = 171+98.85

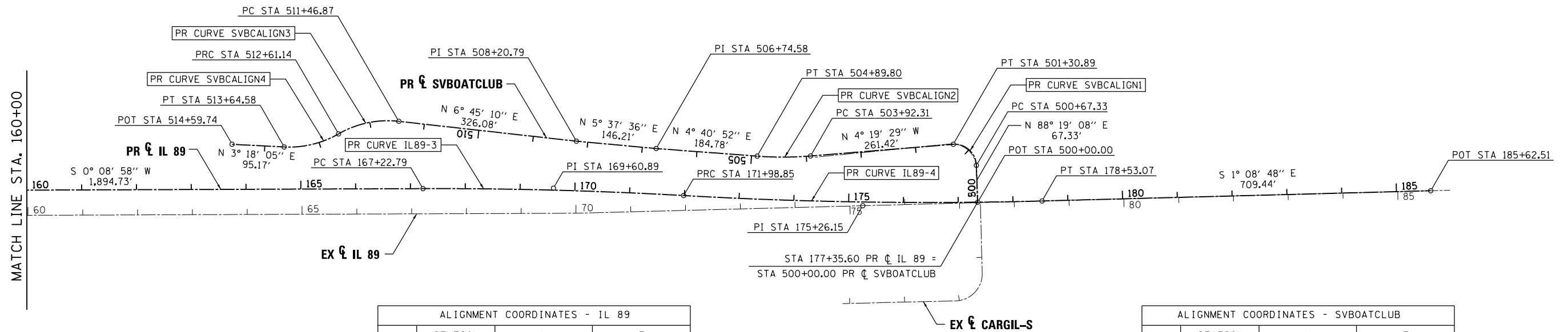
PR CURVE PR_CURVE_IL89-4
 PI STA = 175+26.15
 $\Delta = 4^\circ 45' 36''$ (LT)
 $D = 0^\circ 43' 39''$
 $R = 7,875.00'$
 $T = 327.30'$
 $L = 654.22'$
 $E = 6.80'$
 $e =$ NORMAL CROWN
 PC STA = 171+98.85
 PT STA = 178+53.07

PR CURVE PRSVBCALIGN1
 PI STA = 501+08.06
 $\Delta = 91^\circ 02' 24''$ (LT)
 $D = 143^\circ 14' 22''$
 $R = 40.00'$
 $T = 40.73'$
 $L = 63.56'$
 $E = 17.09'$
 $e =$ NORMAL CROWN
 PC STA = 500+67.33
 PT STA = 501+30.89

PR CURVE PRSVBCALIGN2
 PI STA = 504+41.15
 $\Delta = 9^\circ 00' 34''$ (RT)
 $D = 9^\circ 14' 29''$
 $R = 620.00'$
 $T = 48.85'$
 $L = 97.49'$
 $E = 1.92'$
 $e =$ NORMAL CROWN
 PC STA = 503+92.31
 PT STA = 504+89.80

PR CURVE PRSVBCALIGN3
 PI STA = 512+06.01
 $\Delta = 36^\circ 22' 30''$ (LT)
 $D = 31^\circ 49' 52''$
 $R = 180.00'$
 $T = 59.14'$
 $L = 114.28'$
 $E = 9.47'$
 $e =$ NORMAL CROWN
 PC STA = 511+46.87
 PT STA = 512+61.14

PR CURVE PRSVBCALIGN4
 PI STA = 513+14.33
 $\Delta = 32^\circ 55' 26''$ (RT)
 $D = 31^\circ 49' 52''$
 $R = 180.00'$
 $T = 53.19'$
 $L = 103.43'$
 $E = 7.69'$
 $e =$ NORMAL CROWN
 P.C. STA = 512+61.14
 P.T. STA = 513+64.58



ALIGNMENT COORDINATES - IL 89			
	STATION	N	E
PC	167+22.79	1692299.3212	2562244.6801
PI	169+60.89	1692061.2218	2562244.0589
PT	171+98.85	1691823.5949	2562229.0541
PI	175+26.15	1691496.9470	2562208.4282
PT	178+53.07	1691169.7140	2562214.9787
POT	185+62.51	1690460.4176	2562229.1773

ALIGNMENT COORDINATES - SVBOATCLUB			
	STATION	N	E
PI	500+00.00	1691287.1712	2562213.5037
PC	500+67.33	1691289.1462	2562280.8036
PI	501+08.06	1691290.3411	2562321.5188
PT	501+30.89	1691331.0280	2562319.5851
PC	503+92.31	1691591.7035	2562299.8715
PI	504+41.15	1691640.4106	2562296.1851
PT	504+89.80	1691689.0941	2562300.1716
PI	506+74.58	1691873.2549	2562315.2516
PI	508+20.79	1692018.7624	2562329.5868
PC	511+46.87	1692342.5819	2562367.9288
PI	512+06.01	1692401.3092	2562374.8824
PT	512+61.14	1692452.7176	2562345.6518
PI	513+14.33	1692498.9543	2562319.3618
PT	513+64.58	1692552.0543	2562322.4249
POT	514+59.74	1692647.0630	2562327.9055

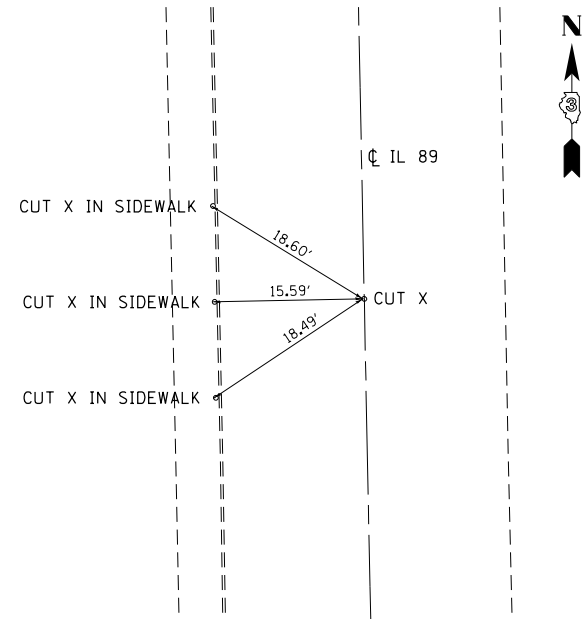
FILE NAME =	USER NAME = swilkinson	DESIGNED RJP	REVISED -
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		CHECKED JNR	REVISED -
MODELNAME	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

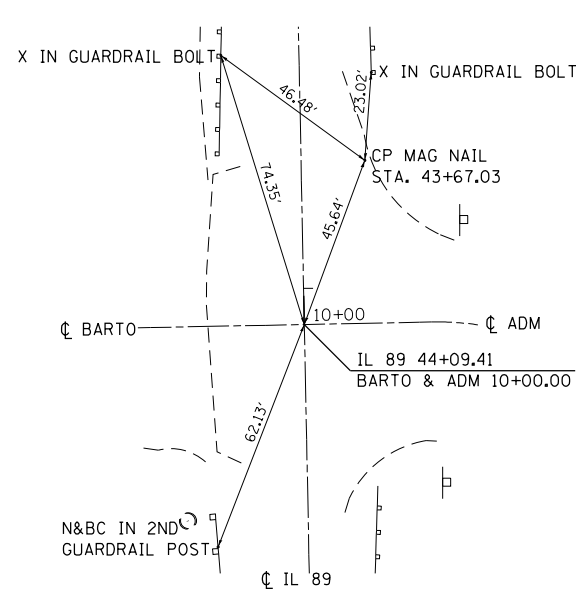
**ALIGNMENT TIES AND BENCHMARKS
 IL 89**

SCALE: 1"=100' SHEET 2 OF 3 SHEETS STA. TO STA.

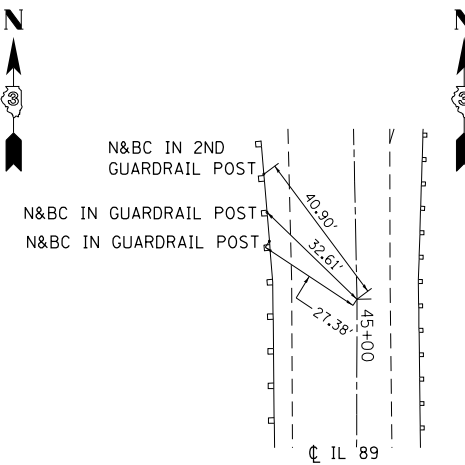
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	35
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



P.O.T. STA. 32 + 31.99
CUT 'X'
CL BR S.N. 0064 OVER IAIS RR

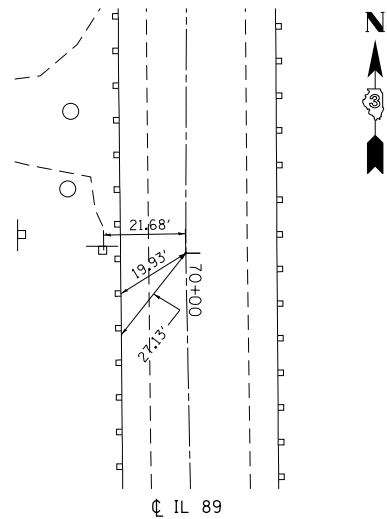


P.O.T. STA. 44 + 09.41
MAG NAIL

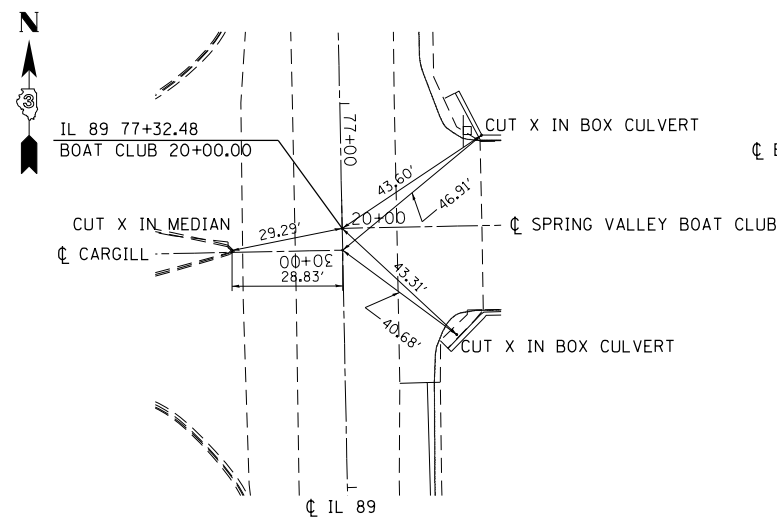


P.I. STA. 45 + 00.00
MAG NAIL

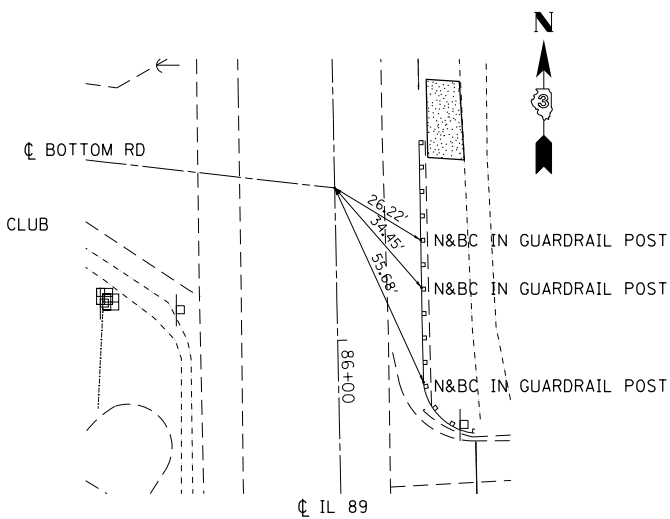
- ### BENCHMARKS
- BM #54 CHISELED SQUARE IN CONCRETE PAD FOR CONT. BOX, WEST SIDE OF IL RTE 89 22.70' RT. STA. 48+24.47 ELEV. 471.02
 - BM #56 CHISELED SQUARE IN SOUTHWEST CORNER OF NORTH ABUTMENT OF IL 89 OVER THE ILLINOIS RIVER 13.35' RT STA. 48+87.25 ELEV. 474.26
 - BM #65 CHISELED SQUARE IN SOUTH ABUTMENT OF IL 89 BRIDGE OVER THE ILLINOIS RIVER, WEST SIDE 12.20' RT STA. 66+60.29 ELEV. 470.01
 - BM #66 *5 REBAR WITH YELLOW CAP. 20.69' LT STA. 69+09.39 ELEV. 461.36
 - BM #68 CHISELED SQUARE IN NORTHEAST CORNER OF DOUBLE BOX CULVERT FOR ENTRANCE TO SPRING VALLEY BOAT CLUB 60.54' LT STA. 77+09.55 ELEV. 460.81
 - BM #70 CHISELED SQUARE ON CONCRETE BOX CULVERT STRUCTURE FOT BOTTOM RD TO EAST 62.11' LT STA. 86+25.31 ELEV 469.49



P.I. STA. 70 + 00.00
MAG NAIL



P.O.T. STA. 77 + 32.48
MAG NAIL



P.O.T. STA. 85 + 60.29
MAG NAIL

FILE NAME = ...D366A69-sht-ATB-Ties&BM.dgn	USER NAME = swilkenson	DESIGNED RJP	REVISED -
		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES AND BENCHMARKS			
SCALE: NTS	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	36
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ONE THROUGH TRAFFIC LANE IN EACH DIRECTION ON ILLINOIS ROUTE 89.
2. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, VERTICAL PANELS, TYPE III BARRICADES, DRUMS, OR TYPE II BARRICADES, ALL TEMPORARY CONCRETE BARRIERS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC, OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
4. THE CONTRACTOR SHALL USE EPOXY TEMPORARY PAVEMENT MARKING ON SURFACES TO BE REMOVED AND IN AREAS THAT DO NOT CONFLICT WITH OTHER STAGES.
5. THE CONTRACTOR SHALL USE EPOXY PAVEMENT MARKING ON EXISTING SURFACES TO REMAIN.
6. ALL TYPE II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE EQUIPPED WITH BI-DIRECTIONAL STEADY BURNING LIGHTS IN TWO LANE, TWO WAY ROADWAY SECTIONS, AND MONO-DIRECTIONAL IN MULTILANE AND ONE-WAY ROADWAY SECTIONS.
7. TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH PRISMATIC BARRIER REFLECTORS AT 50' CENTERS.
8. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
9. ALL CONSTRUCTION WARNING SIGN DIMENSIONS SHALL BE 48" X 48".
10. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS (W20-I103(O) SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.
11. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.
12. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED.
13. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS SHOWN ON THE PLANS.
14. ALL THE EXISTING SPEED LIMIT SIGNS WITHIN THE WORK ZONE SHOULD BE REMOVED ONCE THE TEMPORARY SPEED LIMIT SIGNS ARE INSTALLED.
15. DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
16. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL ANY VARIATION OR ADDITIONAL MAINTENANCE OF TRAFFIC NEEDED IN ORDER TO KEEP ALL COMMERCIAL ENTRANCES OPEN FOR THE DURATION OF THE PROJECT.
17. ANY ADDITIONAL TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, DRUMS, VERTICAL PANELS, SIGNS, ETC. REQUIRED FOR THE MAINTENANCE OF TRAFFIC AT THE SIDE ROADS AND ENTRANCES SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
18. TEMPORARY CONCRETE BARRIER SHALL BE CONTINUOUSLY PINNED (EXCEPT ON NEW BRIDGE DECKS) TO THE PAVEMENT WHENEVER A 3'-6" CLEAR ZONE FREE FROM DROP-OFFS OR ANY OBSTRUCTION CANNOT BE PROVIDED FOR BEHIND THE WALL. THE BARRIERS SHALL BE REMOVED WHEN NO LONGER REQUIRED BY THE CONTRACT. AFTER REMOVAL, ALL ANCHORING HOLES IN THE PAVEMENT, BRIDGE DECKS OR PAVED SHOULDERS SHALL BE FILLED WITH A RAPID HARDENING MORTAR OR CONCRETE. ONLY ENOUGH WATER TO PERMIT PLACEMENT AND CONSOLIDATION BY RODDING SHALL BE USED AND THE MATERIAL SHALL BE STRUCK-OFF FLUSH. THE COST OF WORK AND MATERIAL INVOLVED ANCHORING PINS AND FILLING ALL ANCHORING HOLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR TEMPORARY CONCRETE BARRIER ITEM.
19. BARREL, DRUM OR VERTICAL PANEL SPACING SHALL BE AS FOLLOWS:
 - 50' C-C - ON TANGENT
 - 25' C-C - ON TAPER
 - 25' C-C - ON RADIUS

ANY VARIATION TO THIS SPACING SHALL SUBMITTED TO THE ENGINEER FOR APPROVAL.
20. THE W3-5 AND W24-1 SIGNS SHALL UTILIZE FLOURESCENT ORANGE BACKGROUND SHEETING.

FILE NAME =	USER NAME = swilkinson	DESIGNED RJP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...D366A69-sht-staging-notes.dgn		DRAWN TMB	REVISED -			698	1 (BR)	PUTNAM/BUREAU	415	37	
\$MODELNAME\$		CHECKED JNR	REVISED -			CONTRACT NO. 66A69					
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -			SCALE: NTS	SHEET 1	OF 31 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

SUGGESTED CONSTRUCTION SEQUENCING

PRE-STAGE

TRAFFIC:

TRAFFIC WILL REMAIN IN THE EXISTING CONFIGURATION WITH A SLIGHT TAPER AROUND THE WORK ZONES. USE TRAFFIC CONTROL STANDARD 701326 WHEN CONSTRUCTING THE TEMPORARY PAVEMENT.

CONSTRUCTION:

INSTALL GROUND IMPROVEMENT MEASURES SHOWN IN THE GROUND IMPROVEMENT PLANS AT THE LOCATIONS SHOWN IN ORDER TO ACCELERATE THE SETTLEMENT OF THE PROPOSED EMBANKMENT AND TO INCREASE THE FACTOR OF SAFETY FOR THE SLOPE STABILITY. THIS IS ANTICIPATED TO TAKE 25 DAYS.

CONSTRUCT TEMPORARY PAVEMENT ON IL 89 FROM STA. 134+90 TO STA. 143+83 AND FROM STA. 169+75 TO STA. 183+00 AS SHOWN ON THE PLANS. INSTALL THE TEMPORARY ENTRANCE TO MAINTAIN ACCESS TO THE WASTE WATER TREATMENT PLANT. CONSTRUCT THE PROPOSED ADM ENTRANCE FROM STA. 305+50 TO STA. 314+34. CONSTRUCT A TEMPORARY AGGREGATE DRIVEWAY AT THE ADM ENTRANCE FROM THE EXISTING NORTHBOUND EDGE OF PAVEMENT STA. 303+74 TO STA. 305+50. CONSTRUCT A TEMPORARY AGGREGATE DRIVEWAY AT THE PROPOSED LOCATION OF THE BARTO BOAT LANDING ENTRANCE FOR USE IN STAGE 1A.

STAGE 1A

TRAFFIC:

MAINTAIN ONE LANE OF IL 89 TRAFFIC IN EACH DIRECTION AND UTILIZE THE TEMPORARY PAVEMENT CONSTRUCTED IN PRESTAGE AND THE EXISTING PAVEMENT AND BRIDGE FROM STA. 143+83 TO STA. 169+75. ACCESS TO ADM AND BARTO BOAT LANDING WILL BE THROUGH THE TEMPORARY ADM ENTRANCE CONSTRUCTED IN PRESTAGE.

CONSTRUCTION:

INSTALL GROUND IMPROVEMENT MEASURES SHOWN IN THE GROUND IMPROVEMENT PLANS AT THE LOCATIONS SHOWN IN ORDER TO ACCELERATE THE SETTLEMENT OF THE PROPOSED EMBANKMENT AND TO INCREASE THE FACTOR OF SAFETY FOR THE SLOPE STABILITY. THIS IS ANTICIPATED TO TAKE 25 DAYS.

CONSTRUCT TWO TEMPORARY RETAINING WALLS FROM STA. 142+20 TO STA. 148+90 AND STA. 166+75 TO STA. 170+75. CONSTRUCT THE PROPOSED IL 89 BRIDGE. CONSTRUCT THE PROPOSED NORTHBOUND IL 89 TRAVEL LANE & SHOULDER FROM STA. 137+00 TO STA. 139+10 AND THE SOUTHBOUND TRAVEL LANE FROM STA. 138+00 TO 139+10. CONSTRUCT THE PROPOSED IL 89 NORTHBOUND AND SOUTHBOUND LANES FROM 142+25 TO 148+93, FROM 166+61 TO 176+50, AND FROM 178+00 TO 181+00. CONSTRUCT THE PROPOSED IL 89 NORTHBOUND LANE FROM 181+00 TO 183+00. CONSTRUCT THE ENTRANCE TO SPRING VALLEY BOAT CLUB AS SHOWN ON THE PLANS. GRADE AND LANDSCAPE THE NORTHBOUND (EAST) SIDE OF IL 89 FOR AREAS BETWEEN ADM ENTRANCE AND IL 89 AS SHOWN ON THE PLANS. CONSTRUCT TEMPORARY PAVEMENT FOR THE ADM ENTRANCE / BARTO LANDING ENTRANCE SHIFTED APPROXIMATELY 100' SOUTH OF THE PROPOSED LOCATION AS SHOWN ON THE PLANS TO BE USED IN STAGE 1B.

STAGE 1B

TRAFFIC:

INSTALL TEMPORARY TRAFFIC SIGNALS AT THE LOCATIONS SHOWN ON THE PLANS. TRAFFIC WILL BE ONE LANE FOR BOTH DIRECTIONS WITH TEMPORARY TRAFFIC SIGNALS NORTH OF THE CSX RAILROAD BRIDGE, TEMPORARY ADM ENTRANCE AND NORTH OF THE IL 89 BRIDGE. TRAFFIC CONFIGURATION AT THE SOUTH OF THE IL 89 BRIDGE WILL REMAIN THE SAME AS IN STAGE 1A.

CONSTRUCTION:

INSTALL GROUND IMPROVEMENT MEASURES SHOWN IN THE GROUND IMPROVEMENT PLANS AT THE LOCATIONS SHOWN IN ORDER TO ACCELERATE THE SETTLEMENT OF THE PROPOSED EMBANKMENT AND TO INCREASE THE FACTOR OF SAFETY FOR THE SLOPE STABILITY. THIS IS ANTICIPATED TO TAKE 25 DAYS.

CONSTRUCT NORTHBOUND LANE OF IL 89 FROM 133+46 TO 141+17 AND SOUTHBOUND LANE FROM 138+00 TO 141+17. CONSTRUCT THE ADM ENTRANCE FROM IL 89 EDGE OF PAVEMENT TO STA. 305+50. CONTINUE THE PROPOSED IL 89 BRIDGE CONSTRUCTION. CONSTRUCT THE SOUTHEAST QUADRANT OF THE SVBC ENTRANCE AND IL 89 INTERSECTION AND CONTINUE WORK ON THE EAST HALF OF SVBC ENTRANCE TO IL 89 AS SHOWN ON THE PLANS. CONTINUE IL 89 WORK SOUTH OF SVBC ENTRANCE.

TRAFFIC:

STAGE 1C

TRAFFIC CONFIGURATION WILL BE THE SAME AS IN STAGE 1B. CONTINUE TO USE THE TEMPORARY TRAFFIC SIGNALS IN STAGE 1B WITH THE SIGNAL HEADS AT THE ADM ENTRANCE RE-CONFIGURED TO USE THE NEW ADM ENTRANCE AND IL 89 INTERSECTION.

CONSTRUCTION:

CONSTRUCT THE REMAINING SVBC AND IL 89 INTERSECTION AS SHOWN ON THE PLANS. COMPLETE REMAINING WORK ON IL 89 BRIDGE. COMPLETE THE REMAINING GRADING AND LANDSCAPING ON THE EAST SIDE OF IL 89.

STAGE 2A

TRAFFIC:

TRAFFIC WILL OPERATE ON THE IL 89 ROADWAY AND BRIDGE CONSTRUCTED IN STAGE 1. TWO TEMPORARY TRAFFIC SIGNALS WILL CONTINUE TO OPERATE. ONE AT THE NORTH OF THE CSX RR BRIDGE AND ONE AT THE ADM ENTRANCE. ONE LANE OF TRAFFIC WILL BE SHIFTED TO THE NEWLY CONSTRUCTED PAVEMENT ON IL 89 ON THE EAST SIDE. TEMPORARY TRAFFIC SIGNAL HEADS AT THE ADM ENTRANCE WILL BE SHIFTED TO THE NORTHBOUND LANE AND THE NORTHWEST QUADRANT OF THE ADM/BARTO AND IL 89 INTERSECTION.

CONSTRUCTION:

CONSTRUCT SOUTHBOUND IL 89 FROM STA. 133+46 TO STA. 138+00 AND STA. 181+00 TO STA. 183+00. CONSTRUCT THE SOUTHWEST QUADRANT OF THE ADM/BARTO BOAT LANDING ENTRANCE AND IL 89 INTERSECTION. CONSTRUCT THE WASTE WATER TREATMENT PLANT ENTRANCE AND CULVERT. CONSTRUCT THE IL 89 SOUTHBOUND SHOULDER. CONSTRUCT THE NORTH HALF OF THE CARGILL SOUTH ENTRANCE. REMOVE THE EXISTING IL 89 BRIDGE. REMOVE THE TEMPORARY PAVEMENT. GRADE AND LANDSCAPE THE SOUTHBOUND (WEST) SIDE OF IL 89.

REMOVE THE TEMPORARY TRAFFIC SIGNALS AT THE END OF STAGE 2A.

STAGE 2B

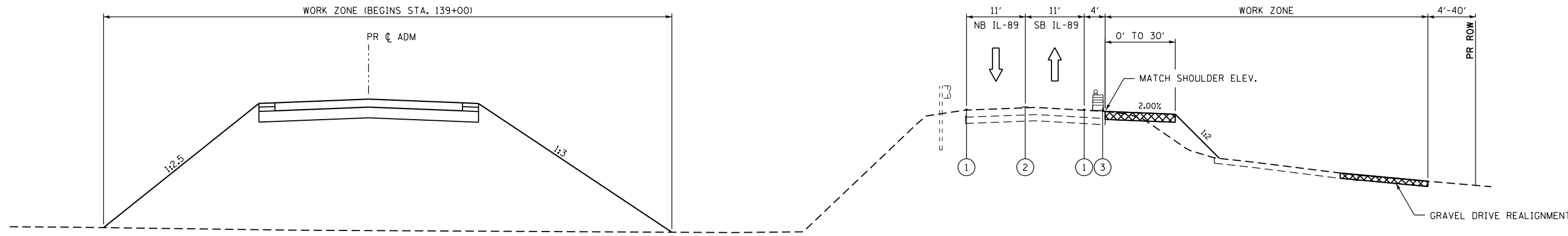
TRAFFIC:

WITH THE TEMPORARY TRAFFIC SIGNALS REMOVED, TRAFFIC WILL BE IN ITS PROPOSED CONFIGURATION ON THE NEW IL 89 ALIGNMENT.

CONSTRUCTION:

CONSTRUCT THE NORTHTHWEST QUADRANT OF THE ADM/BARTO BOAT LANDING AND IL 89 INTERSECTION AND THE SOUTH HALF OF THE CARGILL SOUTH ENTRANCE. COMPLETE THE IL 89 BRIDGE REMOVAL. COMPLETE THE REMAINING GRADING, LANDSCAPING AND PERMANENT EROSION CONTROL ON THE WEST SIDE OF IL 89.

FILE NAME =	USER NAME = swilkinson	DESIGNED RJP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE CONSTRUCTION SEQUENCE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\D366A69-sht-staging-ConstSeq.dgn		DRAWN TMB	REVISED -			698	1 (BR)	PUTNAM/BUREAU	415	38	
#MODELNAME#		CHECKED JNR	REVISED -			CONTRACT NO. 66A69					
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -			SCALE: NTS	SHEET 2	OF 31 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

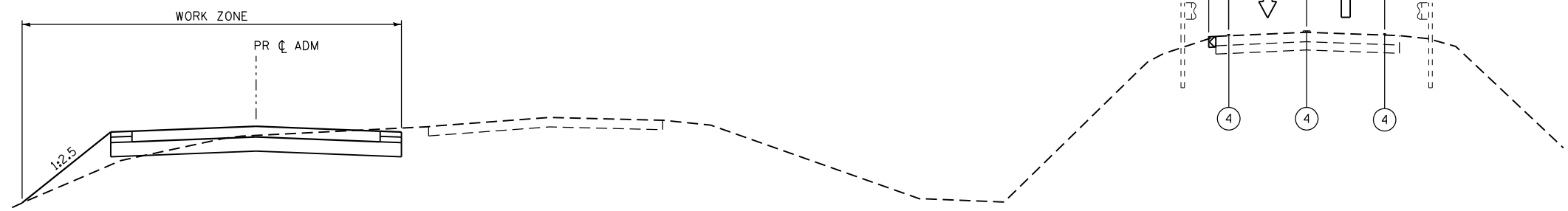
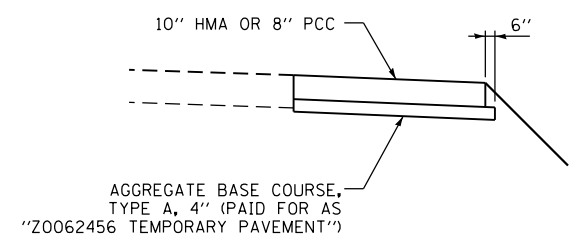


PR IL-89
STA 133+46 TO STA 143+82

TEMPORARY PAVEMENT TYPICAL SECTION

HMA OPTION:
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8" &
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" ARE PAID
FOR AS "Z0062456 TEMPORARY PAVEMENT".

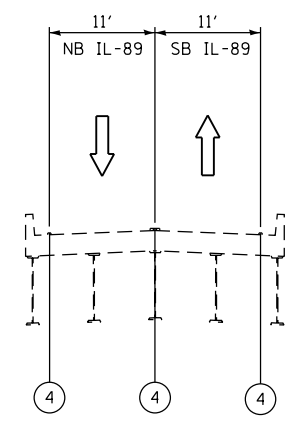
PCC OPTION:
PORTLAND CEMENT CONCRETE BASE COURSE 8"
IS PAID FOR AS "Z0062456 TEMPORARY PAVEMENT".



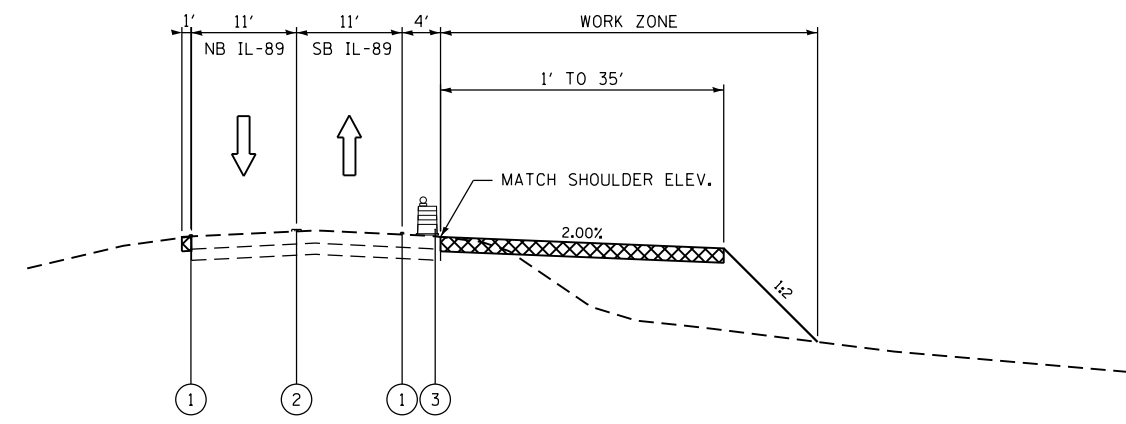
PR IL-89
STA 143+82 TO STA 148+50

LEGEND

- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
- ② TEMPORARY PAVEMENT MARKING - 4 INCH DOUBLE YELLOW
- ③ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ④ EXISTING PAVEMENT MARKING
- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ TEMPORARY SHEET PILING
- ▨ TEMPORARY PAVEMENT PLACED THIS STAGE
- ▧ TEMPORARY PAVEMENT PLACED PREVIOUS STAGE



PR IL-89
STA 148+50 TO STA 166+50



PR IL-89
STA 166+50 TO STA 183+00

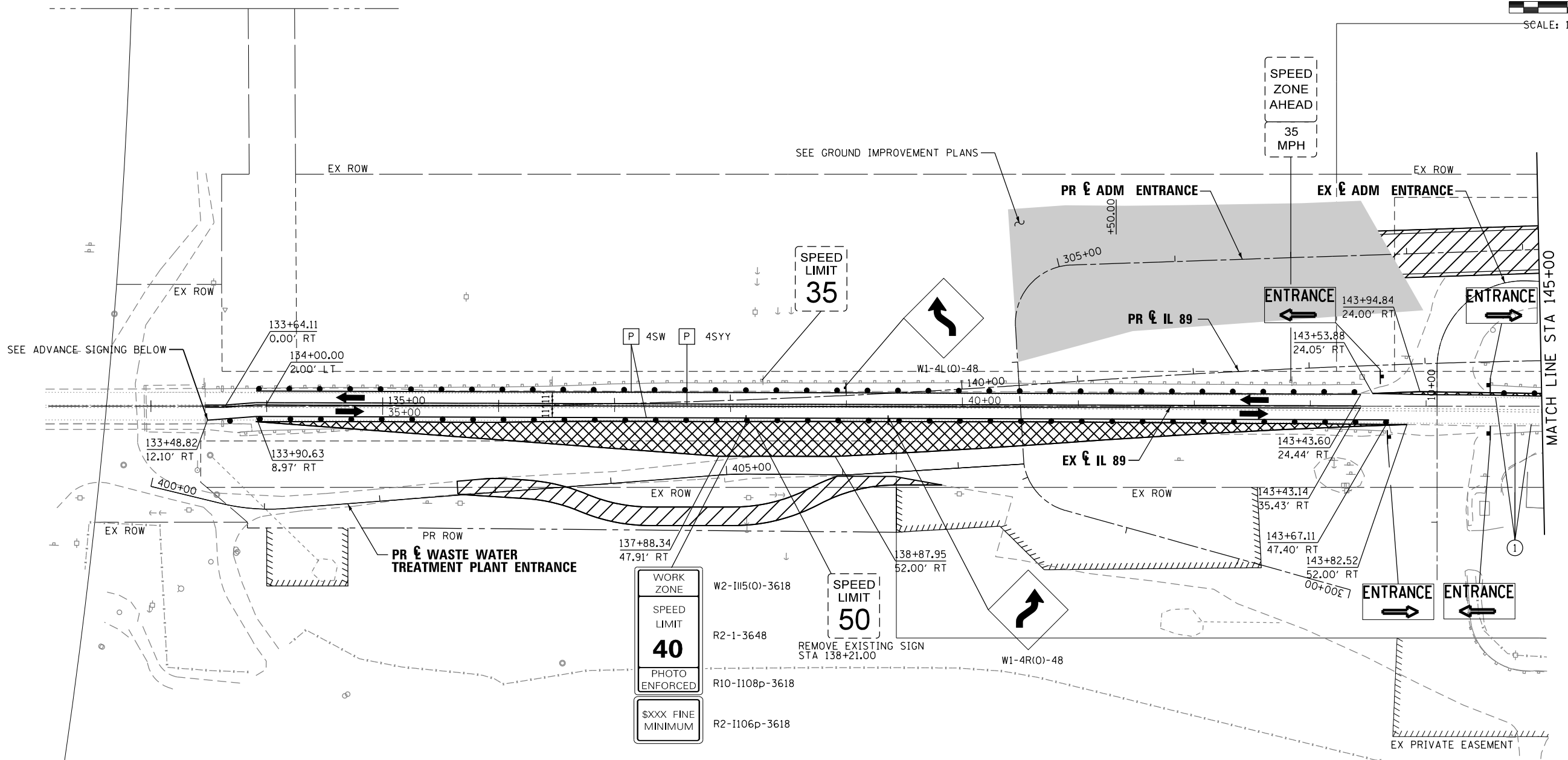
NOTE:

EXCAVATION AND PLACEMENT OF SUBBASE GRANULAR MATERIAL TYPE B, 12" MUST BE ACCOMPLISHED WITHIN 24 HOURS TO MEET SAFETY ENGINEERING POLICY MEMO 4-15 OR TEMPORARY BARRIER WILL BE REQUIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE THIS MATERIAL WITHIN 24 HOURS. IF NOT PLACED, THE CONTRACTOR SHALL PLACE THE TEMPORARY CONCRETE BARRIER AT THEIR OWN EXPENSE.

FILE NAME =	USER NAME = swilkinson	DESIGNED RJP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PRESTAGE TYPICAL SECTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D366A69-sht-IL89-MOT-Typ-Prestg-01.dgn	DRAWN TMB	CHECKED JNR	REVISED -					698	1 (BR)	PUTNAM/BUREAU	415	39
MODELNAME	PLOT SCALE = NTS	DATE 8/10/2015	REVISED -		CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -		SCALE: NTS	SHEET 3	OF 31 SHEETS	STA.	TO STA.			

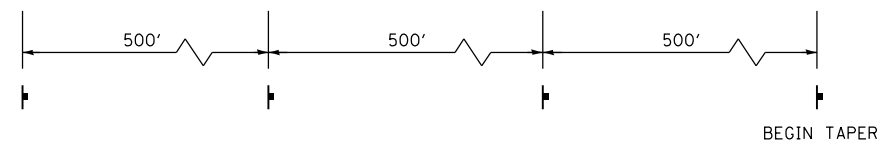
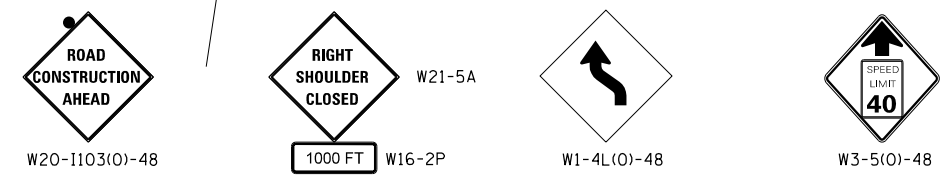


0' 25' 50' 100'
SCALE: 1" = 50'



WORK ZONE	W2-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$XXX FINE MINIMUM	R2-1106p-3618

REMOVE EXISTING SIGN STA 138+21.00



ADVANCE SIGNING

BEGIN TAPER

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

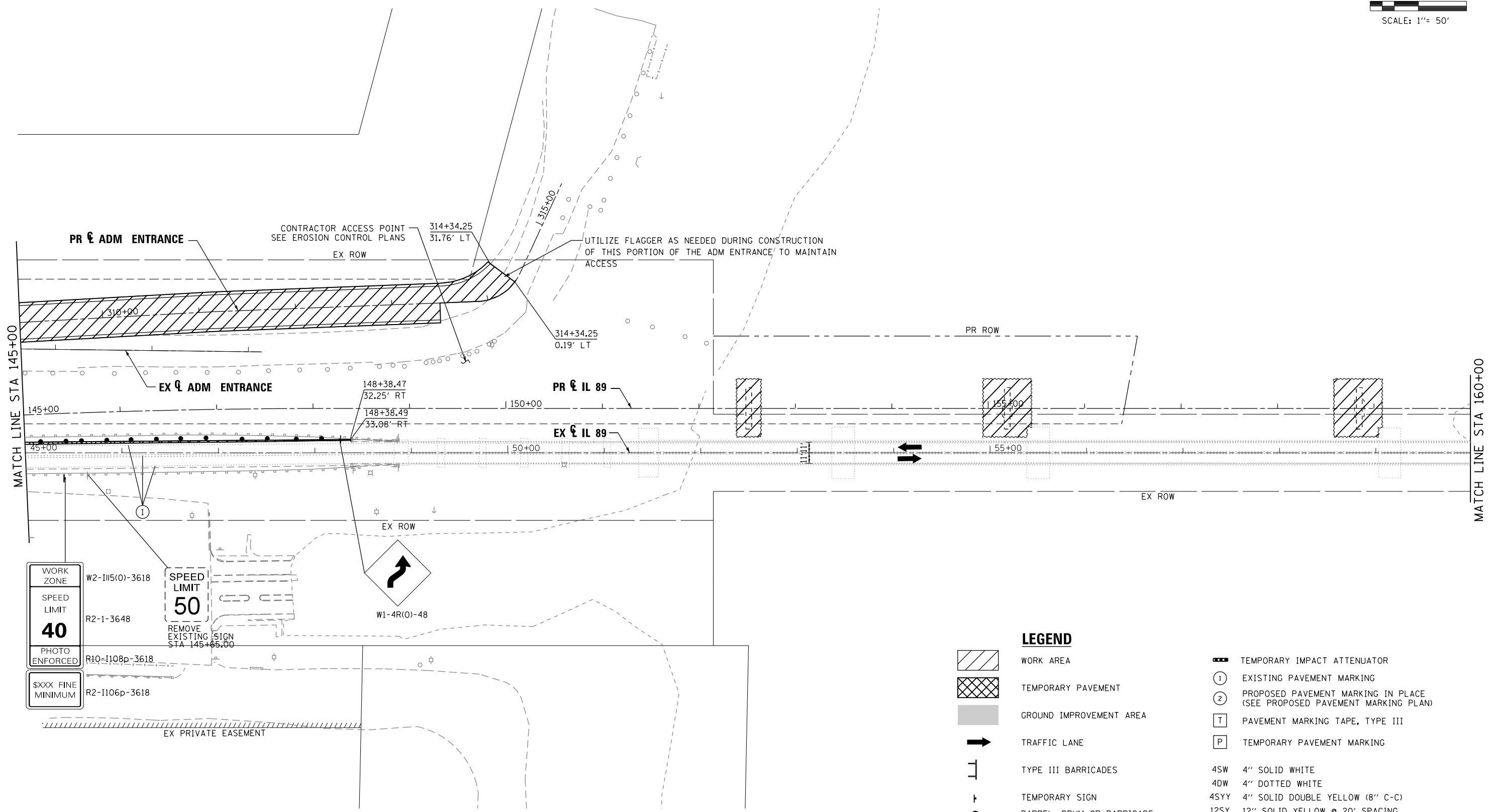
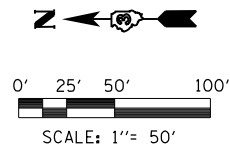
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	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
MODELNAME	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRESTAGE**

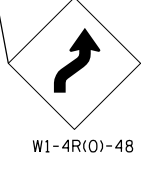
SCALE: 1"=50' SHEET 4 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	40
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



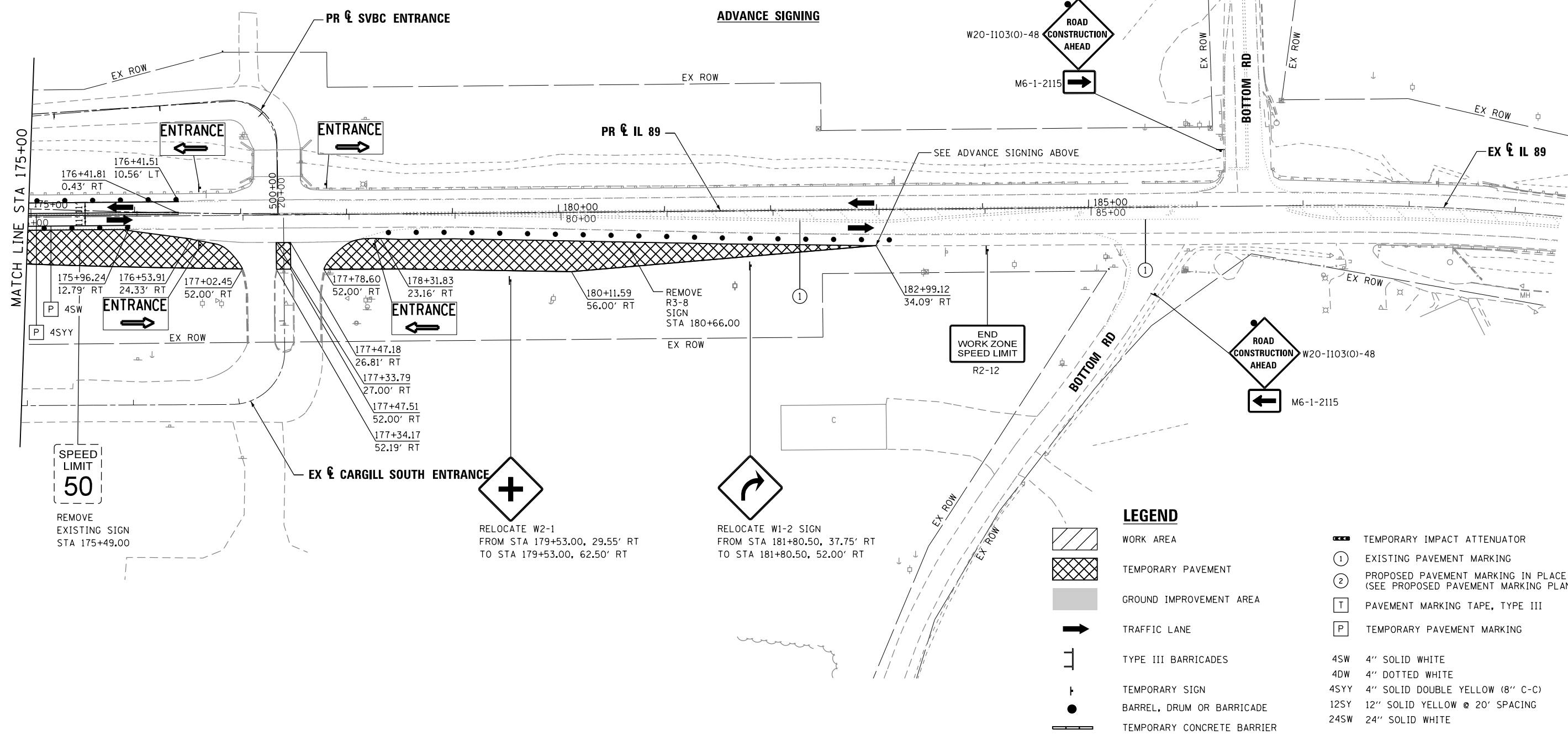
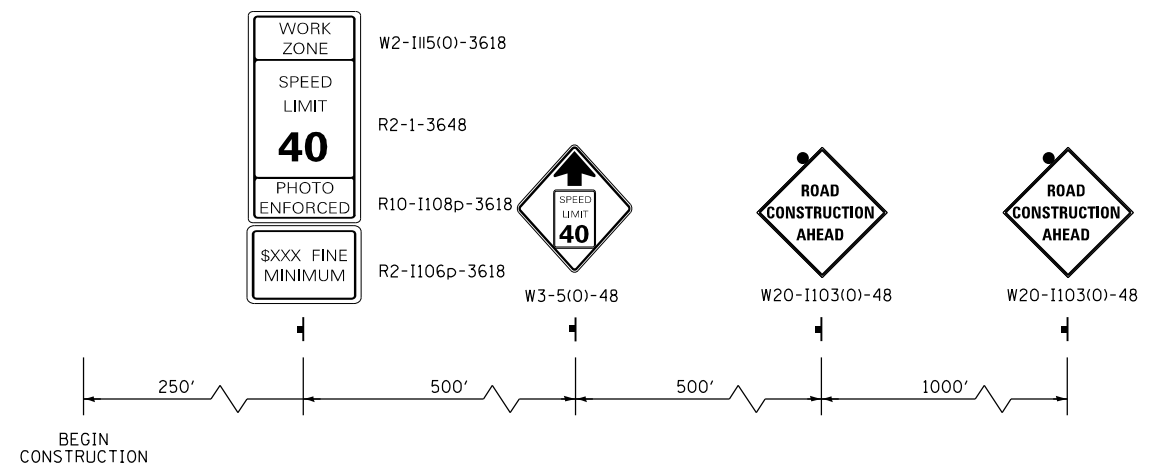
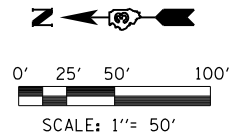
WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3648
40	
PHOTO ENFORCED	R10-1108p-3618
\$XXX FINE MINIMUM	R2-1106p-3618

SPEED LIMIT 50
REMOVE EXISTING SIGN STA 145+65.00



LEGEND

	WORK AREA		TEMPORARY IMPACT ATTENUATOR
	TEMPORARY PAVEMENT		EXISTING PAVEMENT MARKING
	GROUND IMPROVEMENT AREA		PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
	TRAFFIC LANE		PAVEMENT MARKING TAPE, TYPE III
	TYPE III BARRICADES		TEMPORARY PAVEMENT MARKING
	TEMPORARY SIGN	4SW	4" SOLID WHITE
	BARREL, DRUM OR BARRICADE	4DW	4" DOTTED WHITE
	TEMPORARY CONCRETE BARRIER	4SYY	4" SOLID DOUBLE YELLOW (8" C-C)
		12SY	12" SOLID YELLOW @ 20' SPACING
		24SW	24" SOLID WHITE



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

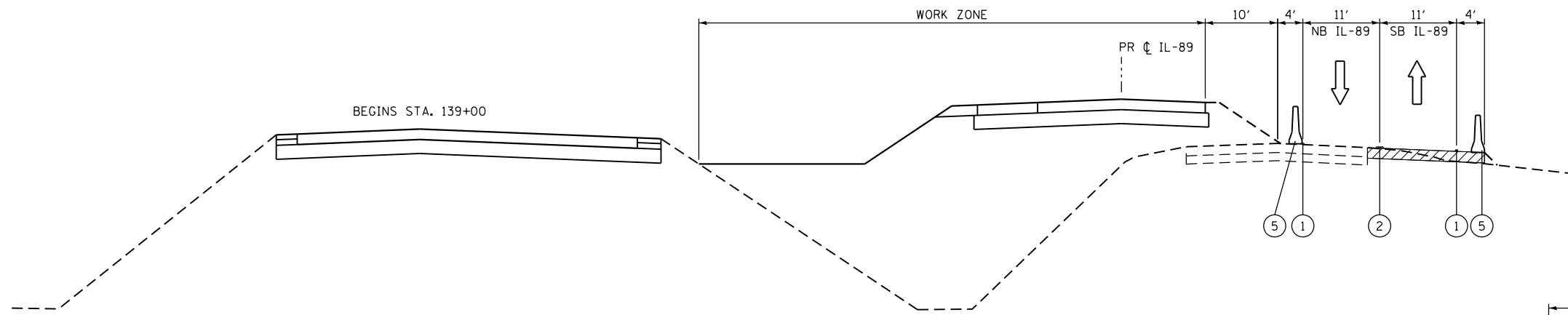
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		DRAWN TMB	REVISED -
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MODELNAME	PLOT DATE = 8/11/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

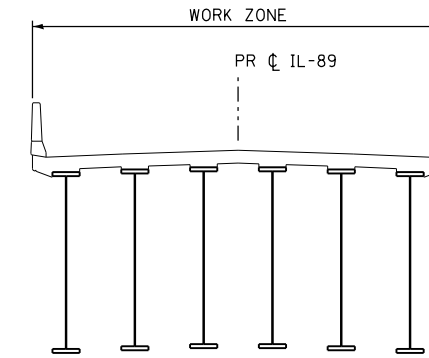
**MAINTENANCE OF TRAFFIC
PRESTAGE**

SCALE: 1"=50' SHEET 7 OF 31 SHEETS STA. TO STA.

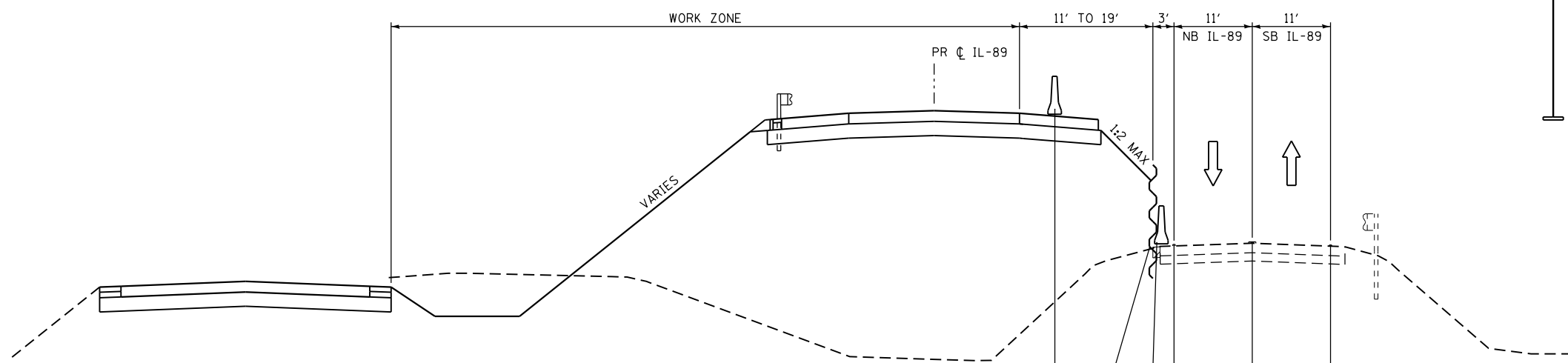
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	43
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



PR IL-89
STA 133+46 TO STA 142+00

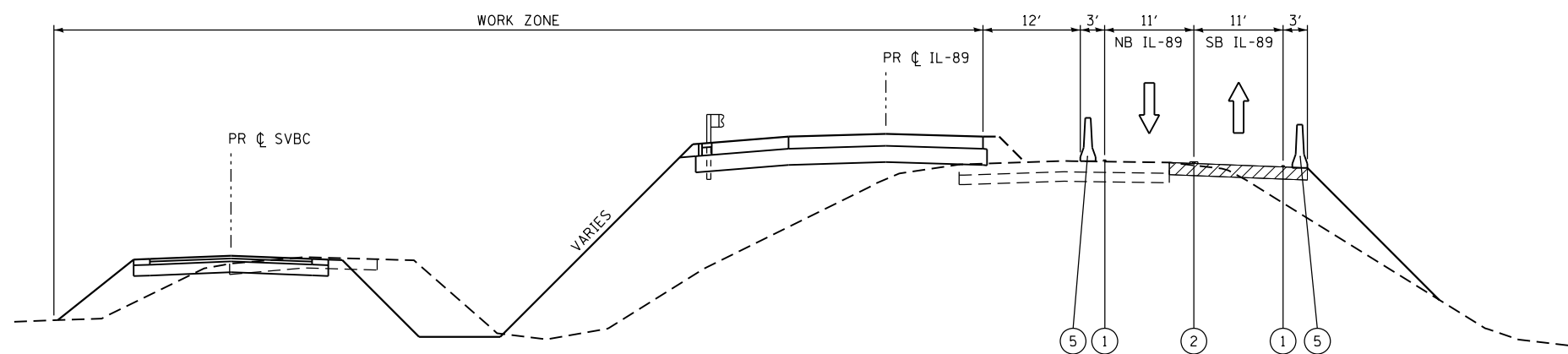


PR IL-89
STA 148+50 TO STA 166+50



PR IL-89
STA 142+00 TO STA 148+75
STA 166+80 TO STA 170+75

NOTE:
SEE TYPICAL SECTIONS FOR ADM ENTRANCE
& SPRING VALLEY BOAT CLUB (SVBC) FOR
PAVEMENT INFORMATION



PR IL-89
STA 170+75 TO STA 183+00

LEGEND

- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
- ② TEMPORARY PAVEMENT MARKING - 4 INCH DOUBLE YELLOW
- ③ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ④ EXISTING PAVEMENT MARKING
- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ TEMPORARY SHEET PILING
- ▨ TEMPORARY PAVEMENT PLACED THIS STAGE
- ▧ TEMPORARY PAVEMENT PLACED PREVIOUS STAGE

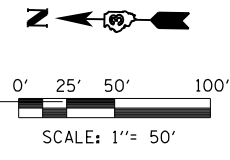
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		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

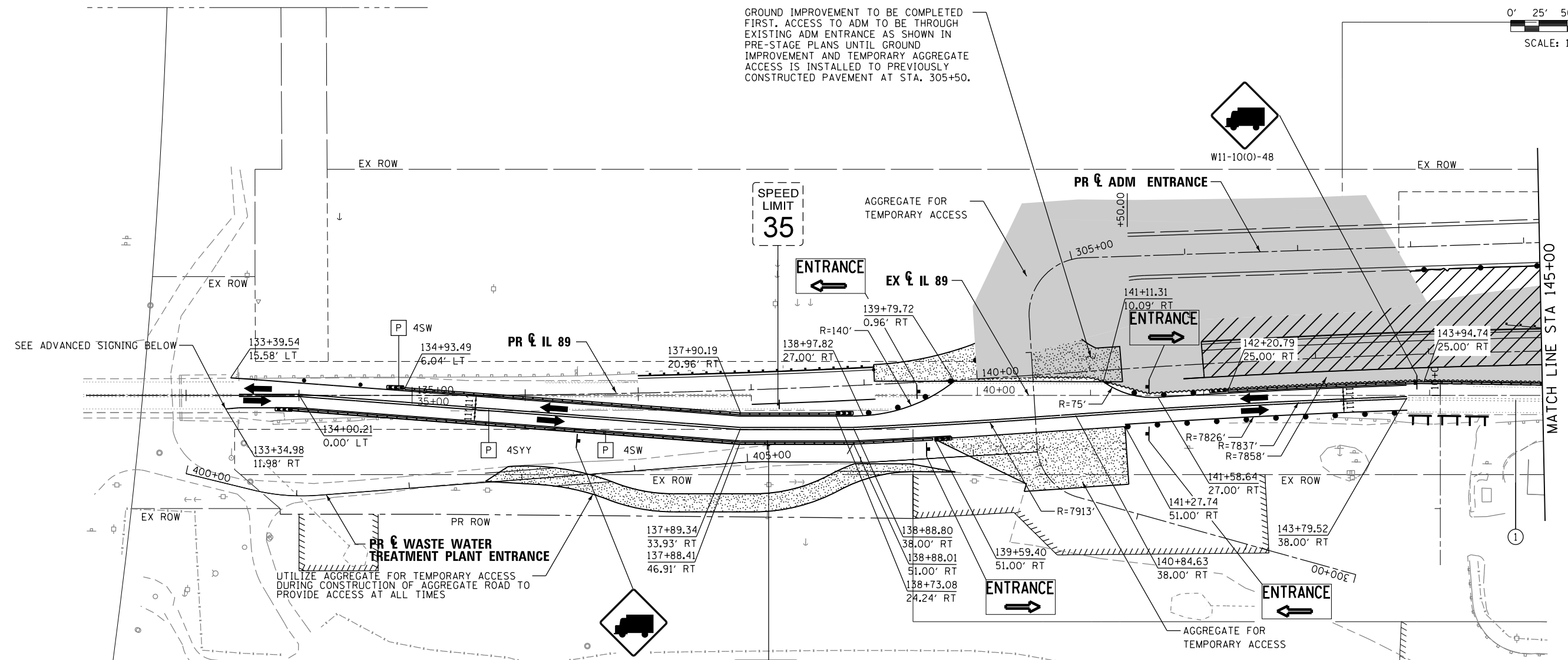
MAINTENANCE OF TRAFFIC
STAGE 1A TYPICAL SECTION

SCALE: NTS SHEET 8 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	44
			CONTRACT NO. 66A69	
ILLINOIS FED. AID PROJECT				

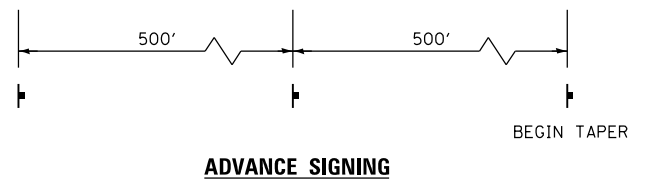
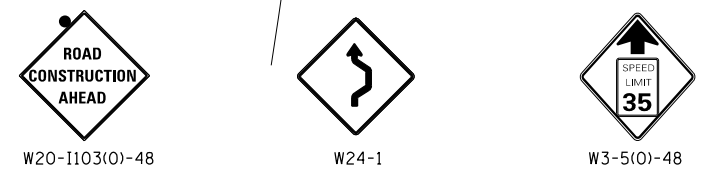


GROUND IMPROVEMENT TO BE COMPLETED FIRST. ACCESS TO ADM TO BE THROUGH EXISTING ADM ENTRANCE AS SHOWN IN PRE-STAGE PLANS UNTIL GROUND IMPROVEMENT AND TEMPORARY AGGREGATE ACCESS IS INSTALLED TO PREVIOUSLY CONSTRUCTED PAVEMENT AT STA. 305+50.



SEE ADVANCED SIGNING BELOW

UTILIZE AGGREGATE FOR TEMPORARY ACCESS DURING CONSTRUCTION OF AGGREGATE ROAD TO PROVIDE ACCESS AT ALL TIMES



WORK ZONE	W2-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
SXXX FINE MINIMUM	R2-1106p-3618

LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	GROUND IMPROVEMENT AREA
	TRAFFIC LANE
	TYPE III BARRICADES
	TEMPORARY SIGN
	BARREL, DRUM OR BARRICADE
	TEMPORARY CONCRETE BARRIER
	TEMPORARY IMPACT ATTENUATOR
	EXISTING PAVEMENT MARKING
	PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
	PAVEMENT MARKING TAPE, TYPE III
	TEMPORARY PAVEMENT MARKING
4SW	4" SOLID WHITE
4DW	4" DOTTED WHITE
4SYY	4" SOLID DOUBLE YELLOW (8" C-C)
12SY	12" SOLID YELLOW @ 20' SPACING
24SW	24" SOLID WHITE

FILE NAME = ... \D366A69-sht-IL89-MOT-St1A-01.dgn	USER NAME = swilkenson	DESIGNED SEW	REVISED -
		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

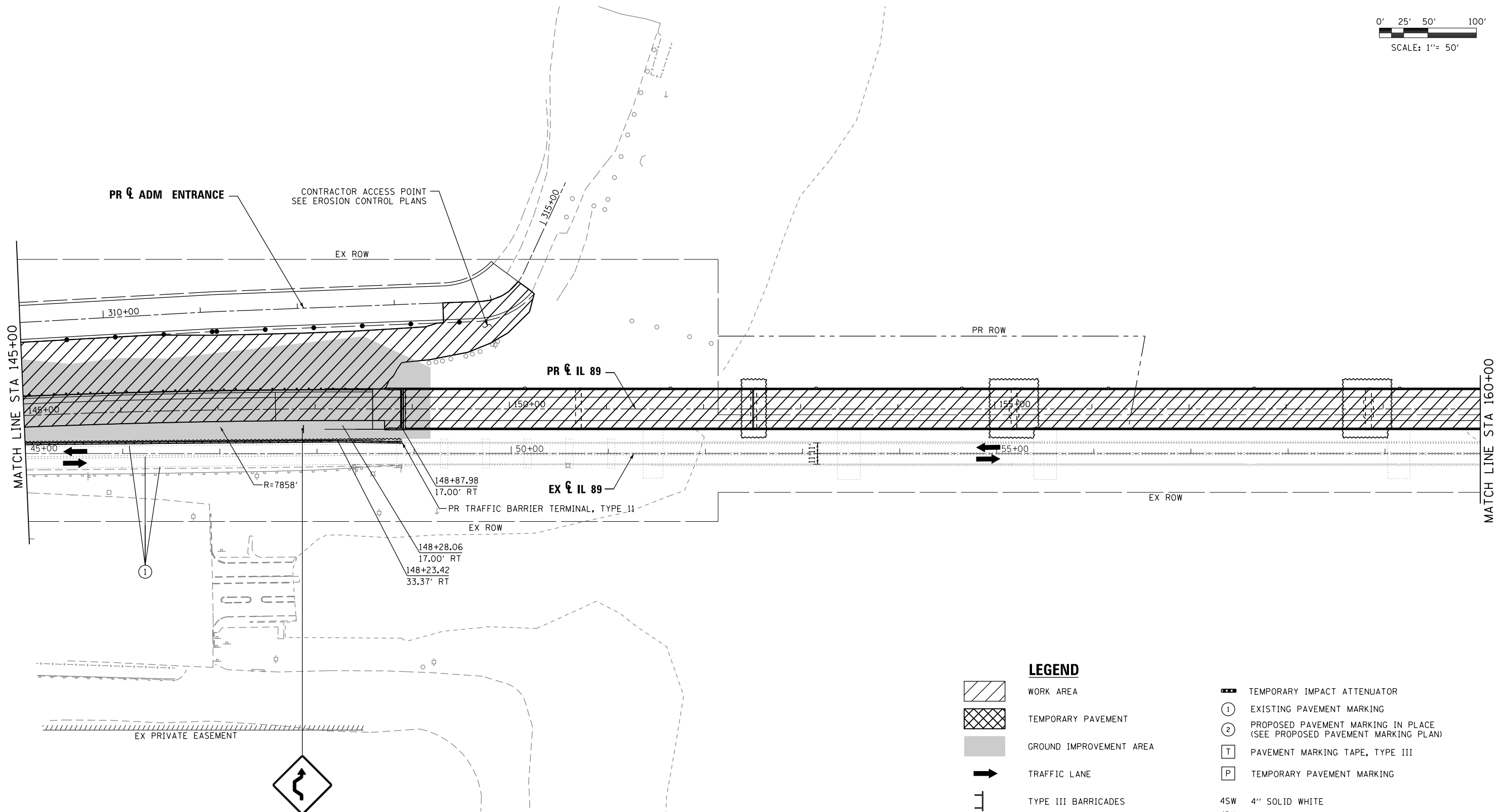
**MAINTENANCE OF TRAFFIC
STAGE 1A**

SCALE: 1"=50' SHEET 9 OF 31 SHEETS STA. TO STA.














F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	45
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



0' 25' 50' 100'
SCALE: 1"= 50'



LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT
-  GROUND IMPROVEMENT AREA
-  TRAFFIC LANE
-  TYPE III BARRICADES
-  TEMPORARY SIGN
-  BARREL, DRUM OR BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  EXISTING PAVEMENT MARKING
-  PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
-  PAVEMENT MARKING TAPE, TYPE III
-  TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

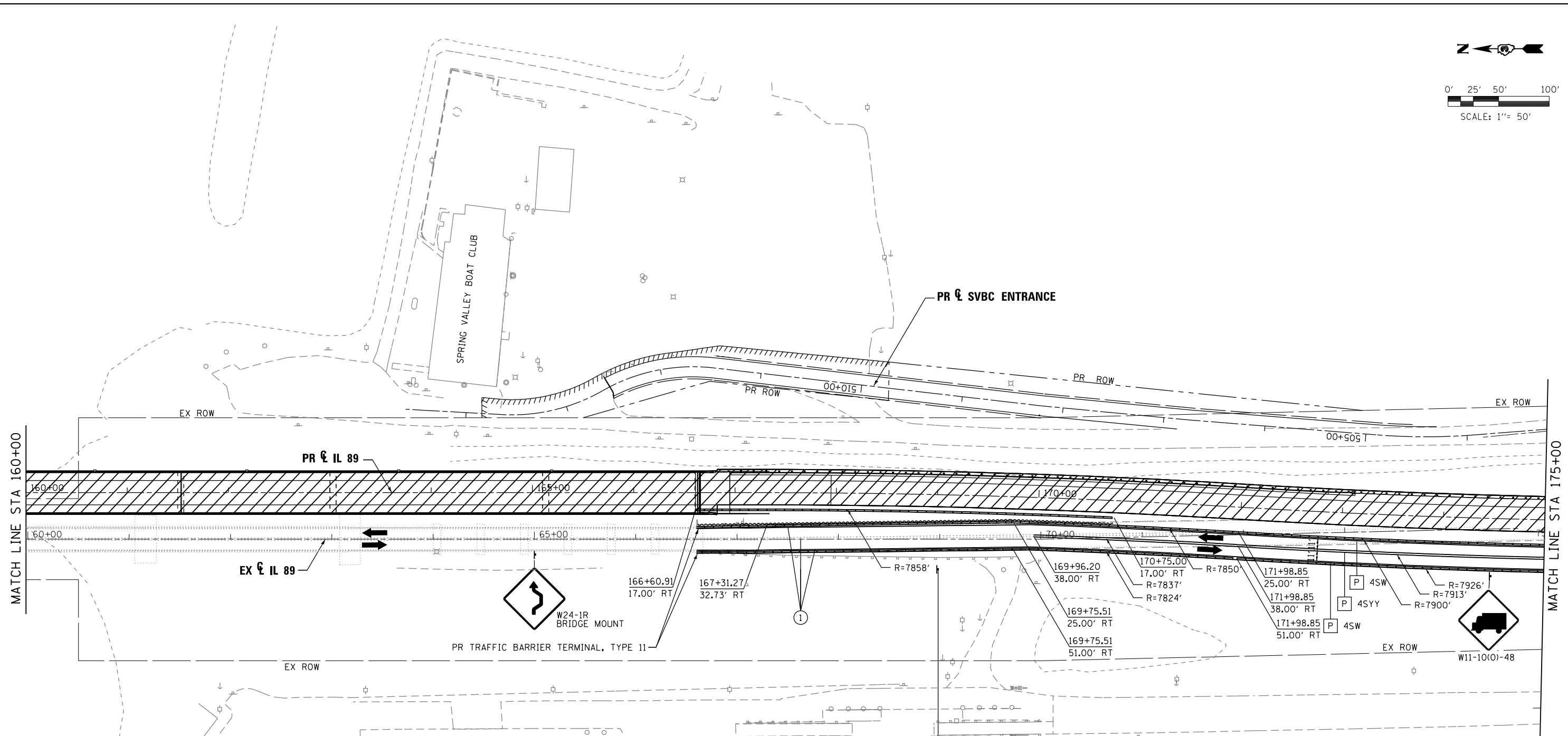
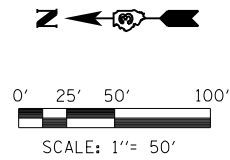
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		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
#MODELNAME#	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1A**

SCALE: 1"=50' SHEET 10 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	46
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 160+00

MATCH LINE STA 175+00

- W2-1115(O)-3618
- R2-1-3648
- R10-1108p-3618
- R2-1106p-3618

WORK ZONE

SPEED LIMIT

35

PHOTO ENFORCED

\$XXX FINE MINIMUM

LEGEND		
	WORK AREA	
	TEMPORARY PAVEMENT	
	GROUND IMPROVEMENT AREA	
	TRAFFIC LANE	
	TYPE III BARRICADES	
	TEMPORARY SIGN	
	BARREL, DRUM OR BARRICADE	4SW 4" SOLID WHITE
	TEMPORARY CONCRETE BARRIER	4DW 4" DOTTED WHITE
		4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
		12SY 12" SOLID YELLOW @ 20' SPACING
		24SW 24" SOLID WHITE

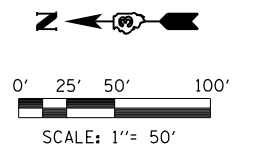
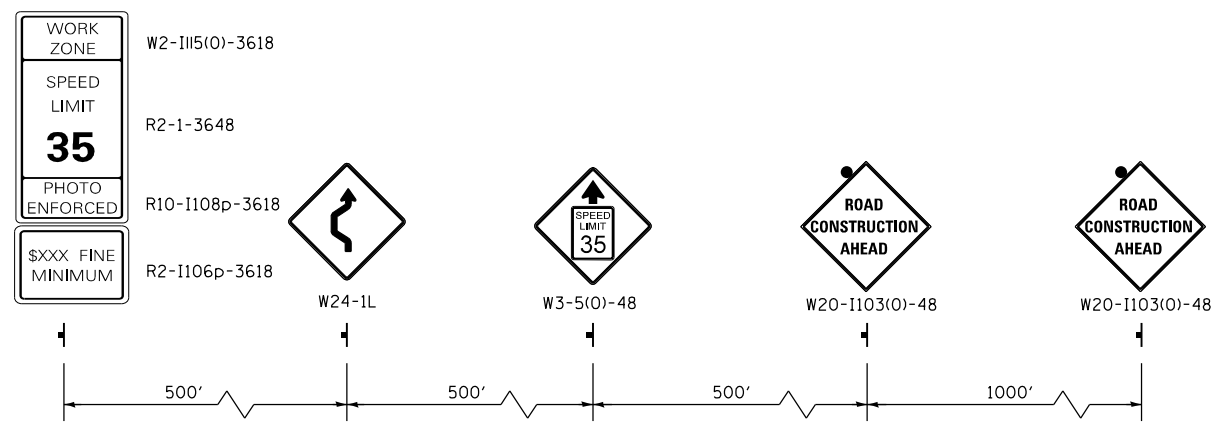
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		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

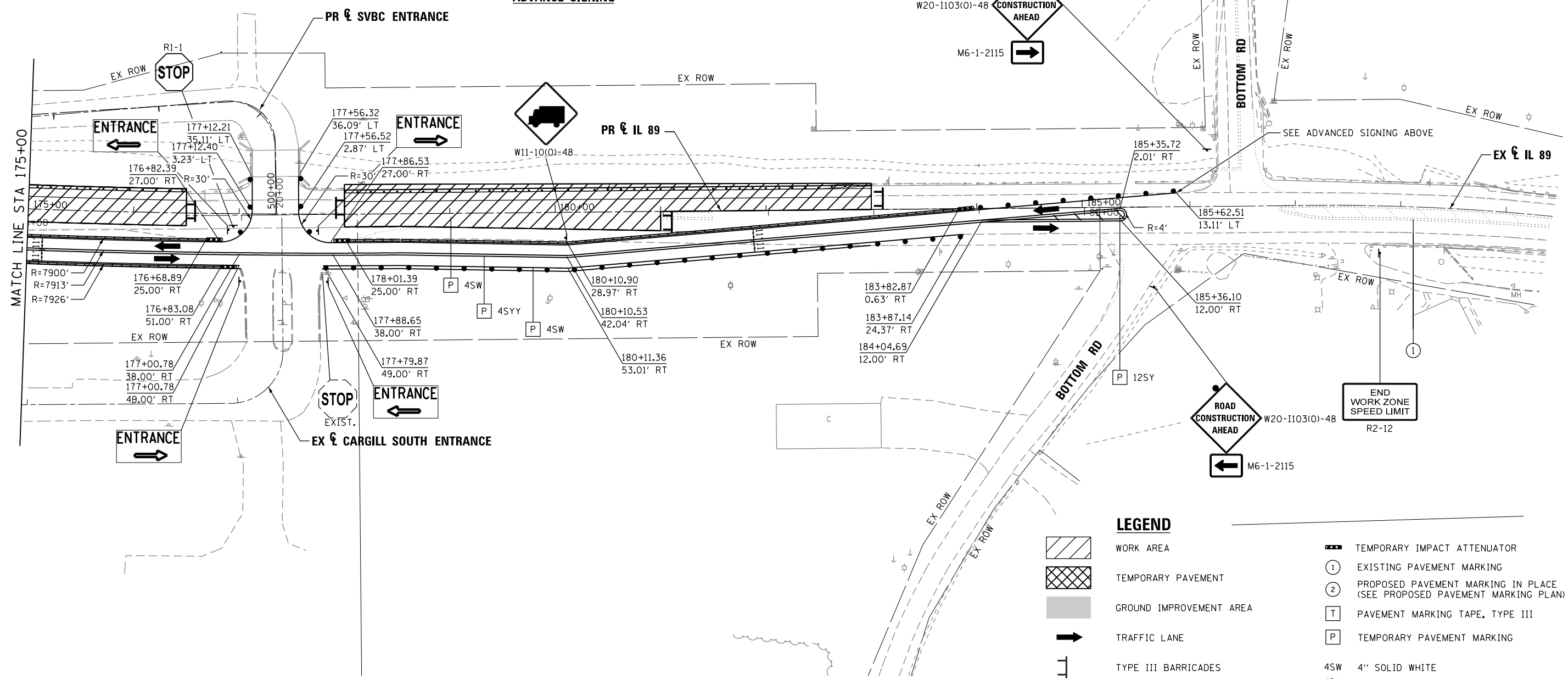
**MAINTENANCE OF TRAFFIC
STAGE 1A**

SCALE: 1"=50' SHEET 11 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	47
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



NOTE: MAINTAIN CONTINUOUS ACCESS TO SPRING VALLEY BOAT CLUB DURING THE CONSTRUCTION OF THE SPRING VALLEY BOAT CLUB DRIVEWAY



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

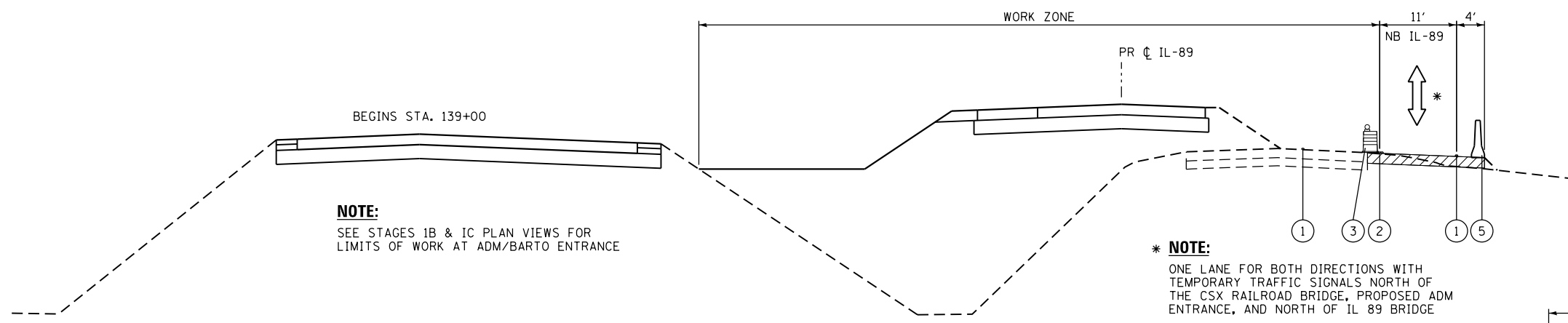
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#MODELNAME#	PLOT DATE = 8/11/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1A**

SCALE: 1"=50' SHEET 12 OF 31 SHEETS STA. TO STA.

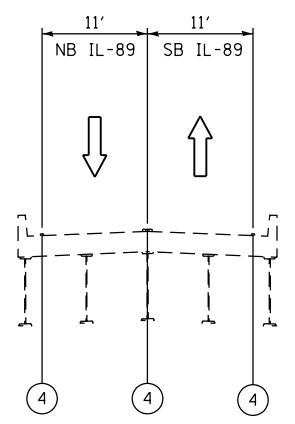
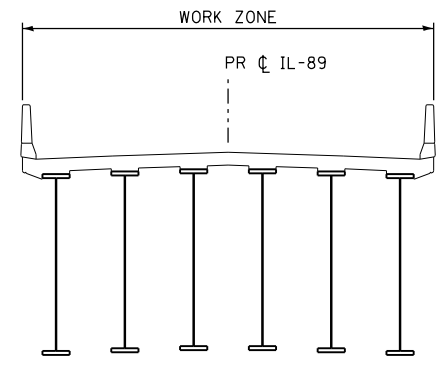
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	48
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



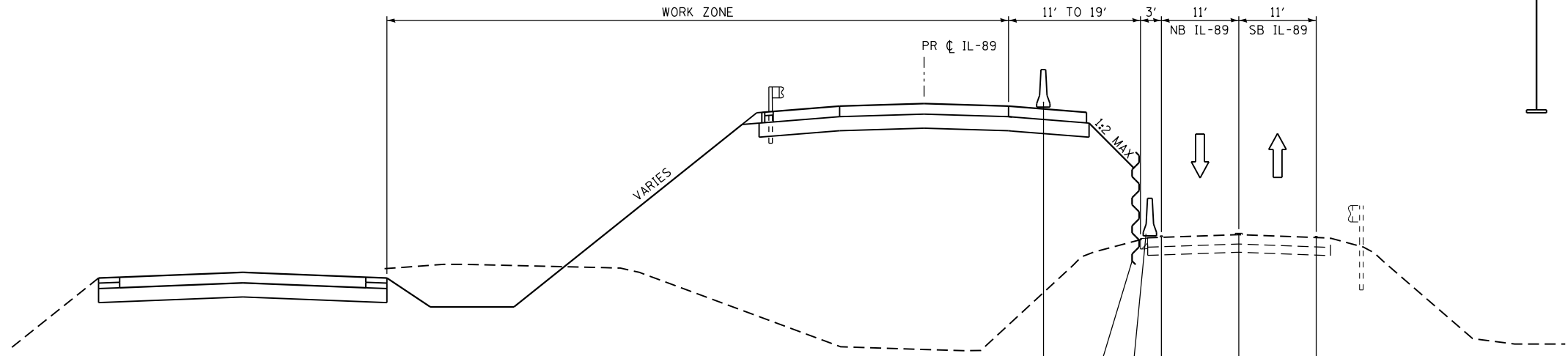
NOTE:
SEE STAGES 1B & 1C PLAN VIEWS FOR
LIMITS OF WORK AT ADM/BARTO ENTRANCE

*** NOTE:**
ONE LANE FOR BOTH DIRECTIONS WITH
TEMPORARY TRAFFIC SIGNALS NORTH OF
THE CSX RAILROAD BRIDGE, PROPOSED ADM
ENTRANCE, AND NORTH OF IL 89 BRIDGE

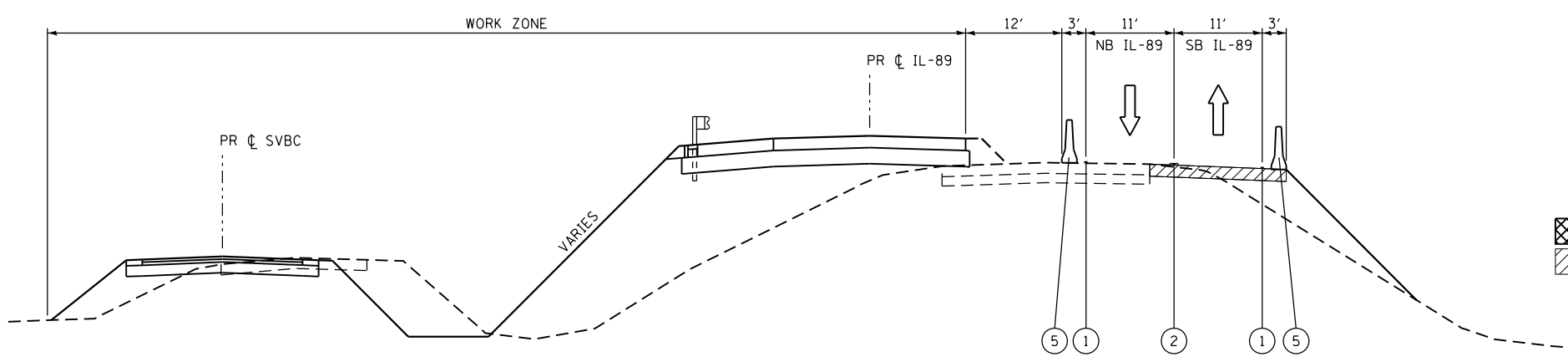
PR IL-89
STA 133+46 TO STA 142+00



PR IL-89
STA 148+50 TO STA 166+50



PR IL-89
STA 142+00 TO STA 148+75
STA 166+80 TO STA 170+75

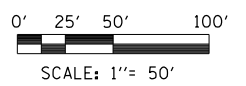
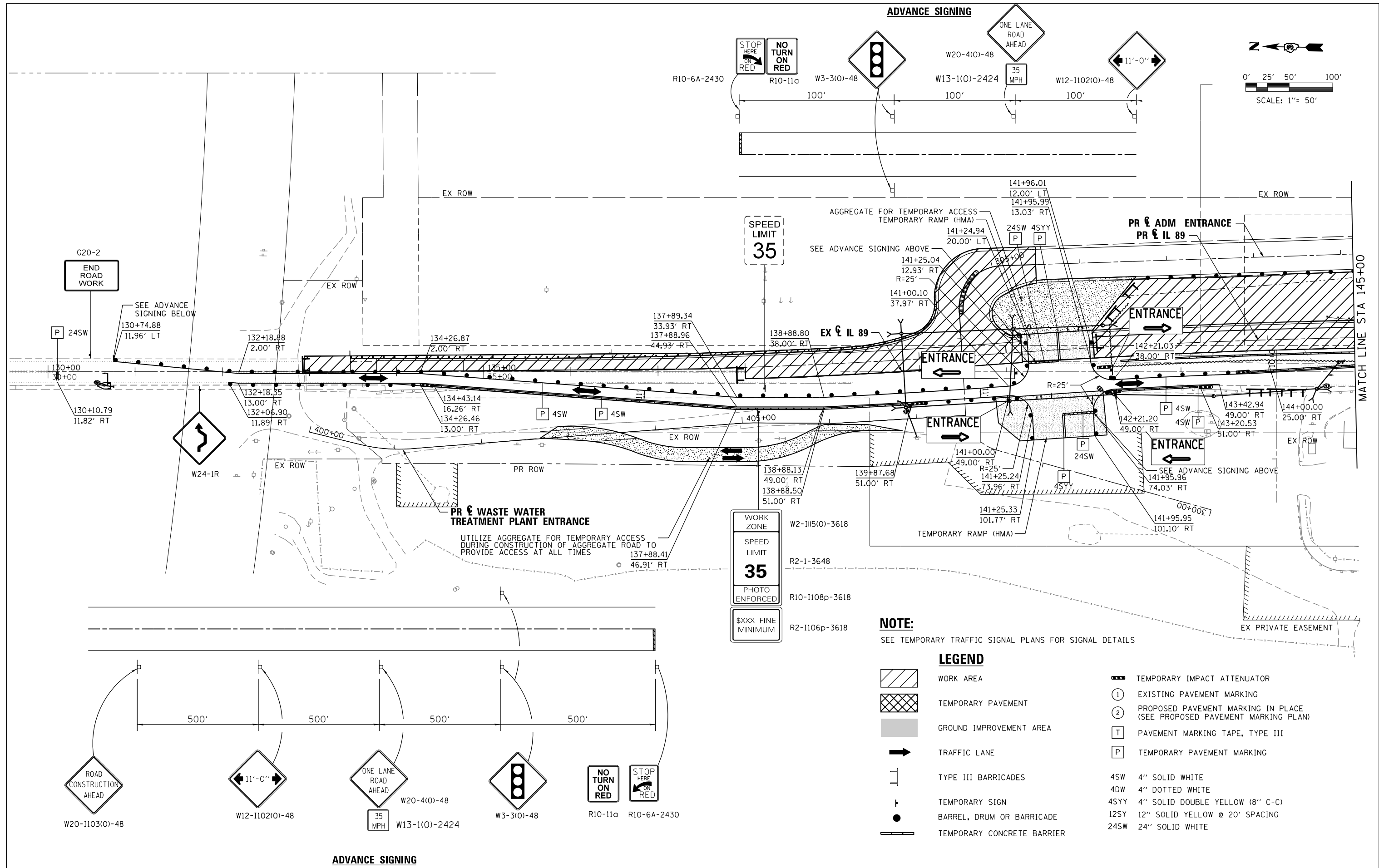


PR IL-89
STA 170+75 TO STA 183+00

LEGEND

- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
- ② TEMPORARY PAVEMENT MARKING - 4 INCH DOUBLE YELLOW
- ③ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ④ EXISTING PAVEMENT MARKING
- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ TEMPORARY SHEET PILING
- ▨ TEMPORARY PAVEMENT PLACED THIS STAGE
- ▧ TEMPORARY PAVEMENT PLACED PREVIOUS STAGE

FILE NAME =	USER NAME = swilkenson	DESIGNED RJP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1B & 1C TYPICAL SECTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = swilkenson	DESIGNED SEW	REVISED -
... \D366A69-sht-IL89-MOT-St1B-01.dgn		DRAWN TMB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

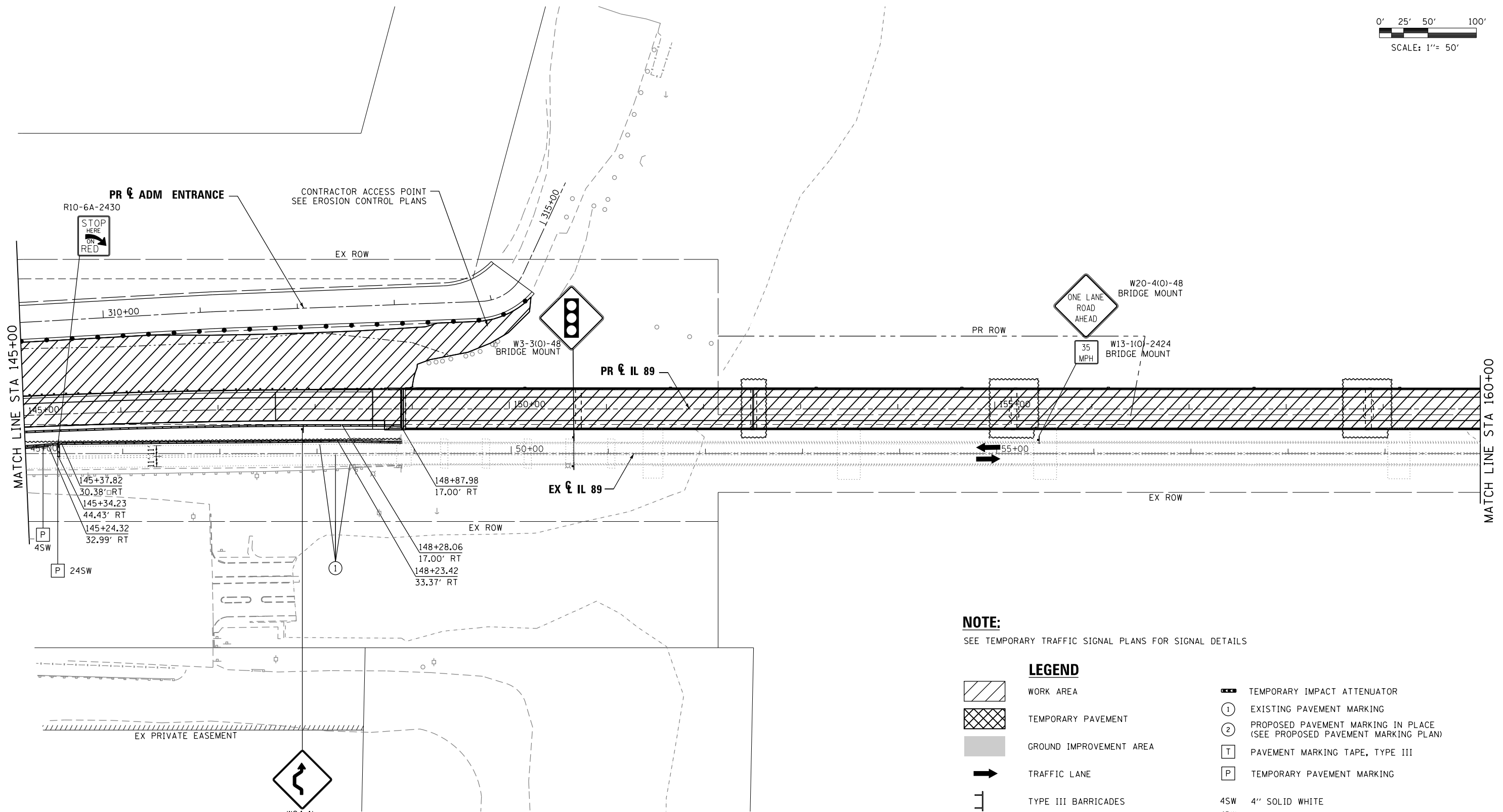
MAINTENANCE OF TRAFFIC STAGE 1B		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		698	1 (BR)	PUTNAM/BUREAU	415	50
SCALE: 1"=50'		SHEET 14 OF 31 SHEETS		STA.	TO STA.	

CONTRACT NO. 66A69		ILLINOIS FED. AID PROJECT	
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0' 25' 50' 100'

SCALE: 1"= 50'



NOTE:

SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR SIGNAL DETAILS

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

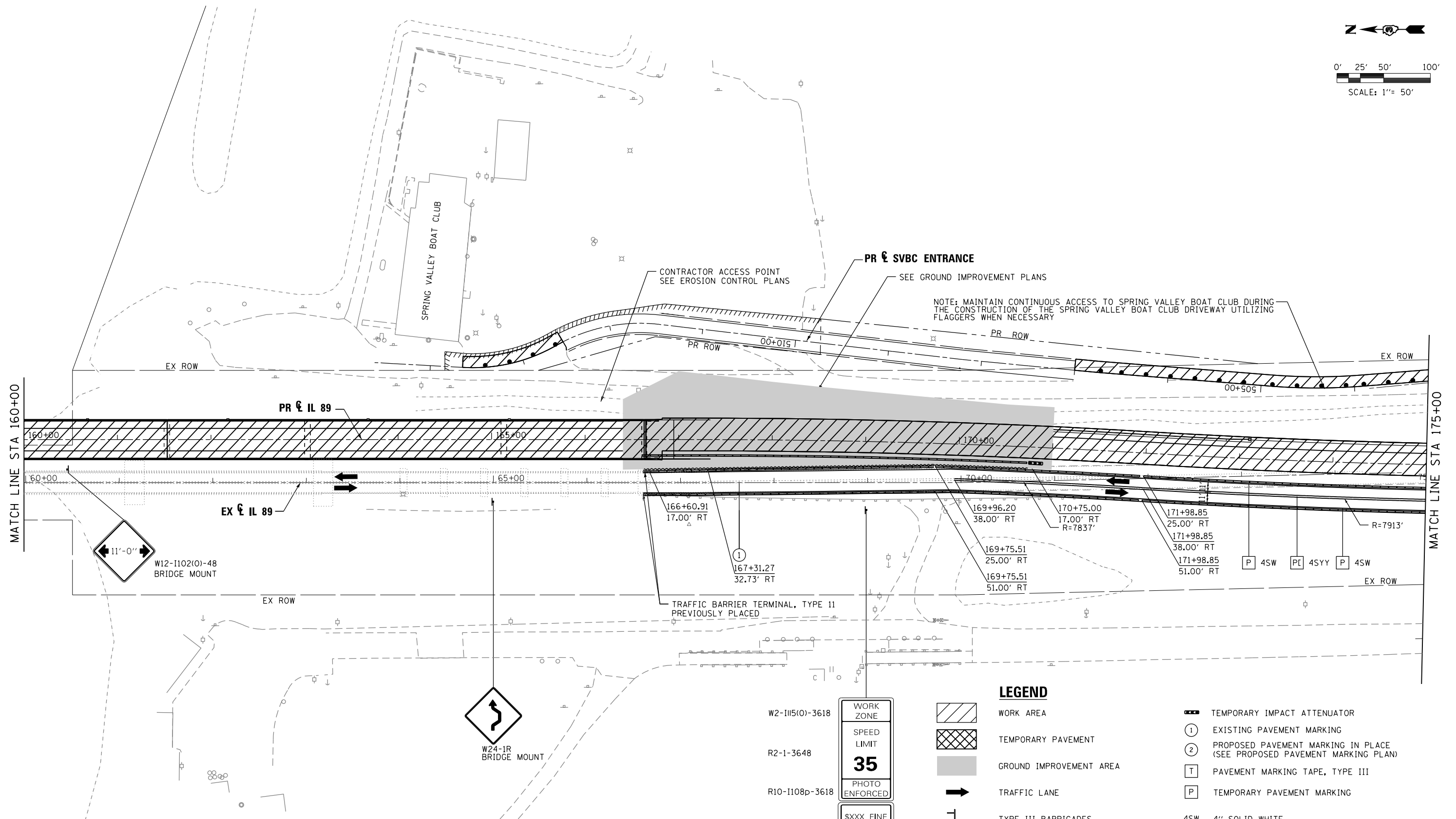
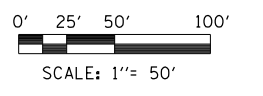
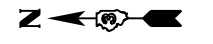
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#MODELNAME#	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1B**

SCALE: 1"=50' SHEET 15 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	51
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

W2-II15(O)-3618

R2-1-3648

R10-II108p-3618

R2-II106p-3618

WORK ZONE

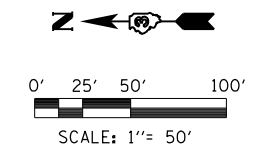
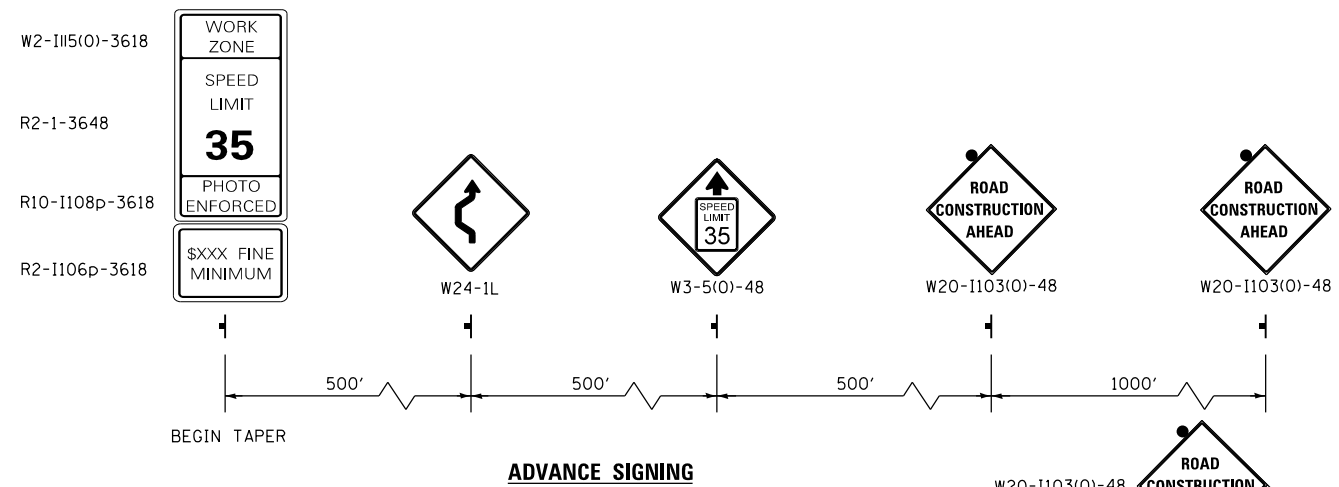
SPEED LIMIT

35

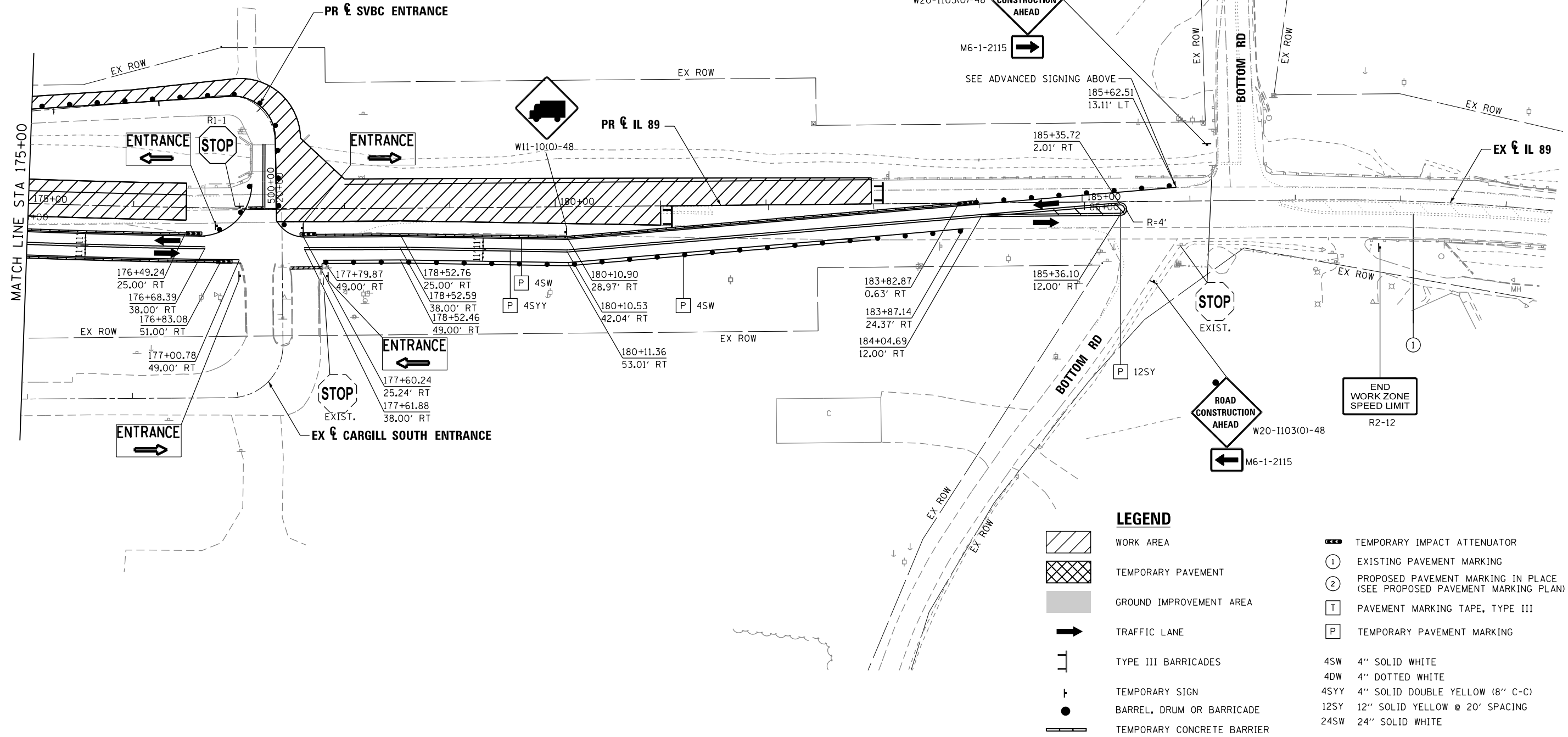
PHOTO ENFORCED

\$XXX FINE MINIMUM

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	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -					698	1 (BR)	PUTNAM/BUREAU	415	52
MODELNAME	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -	SCALE: 1"=50'	SHEET 16	OF 31 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 66A69			



NOTE: MAINTAIN CONTINUOUS ACCESS TO SPRING VALLEY BOAT CLUB DURING THE CONSTRUCTION OF THE SPRING VALLEY BOAT CLUB ENTRANCE



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

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MODELNAME	PLOT DATE = 8/11/2015	DATE 8/10/2015	REVISED -

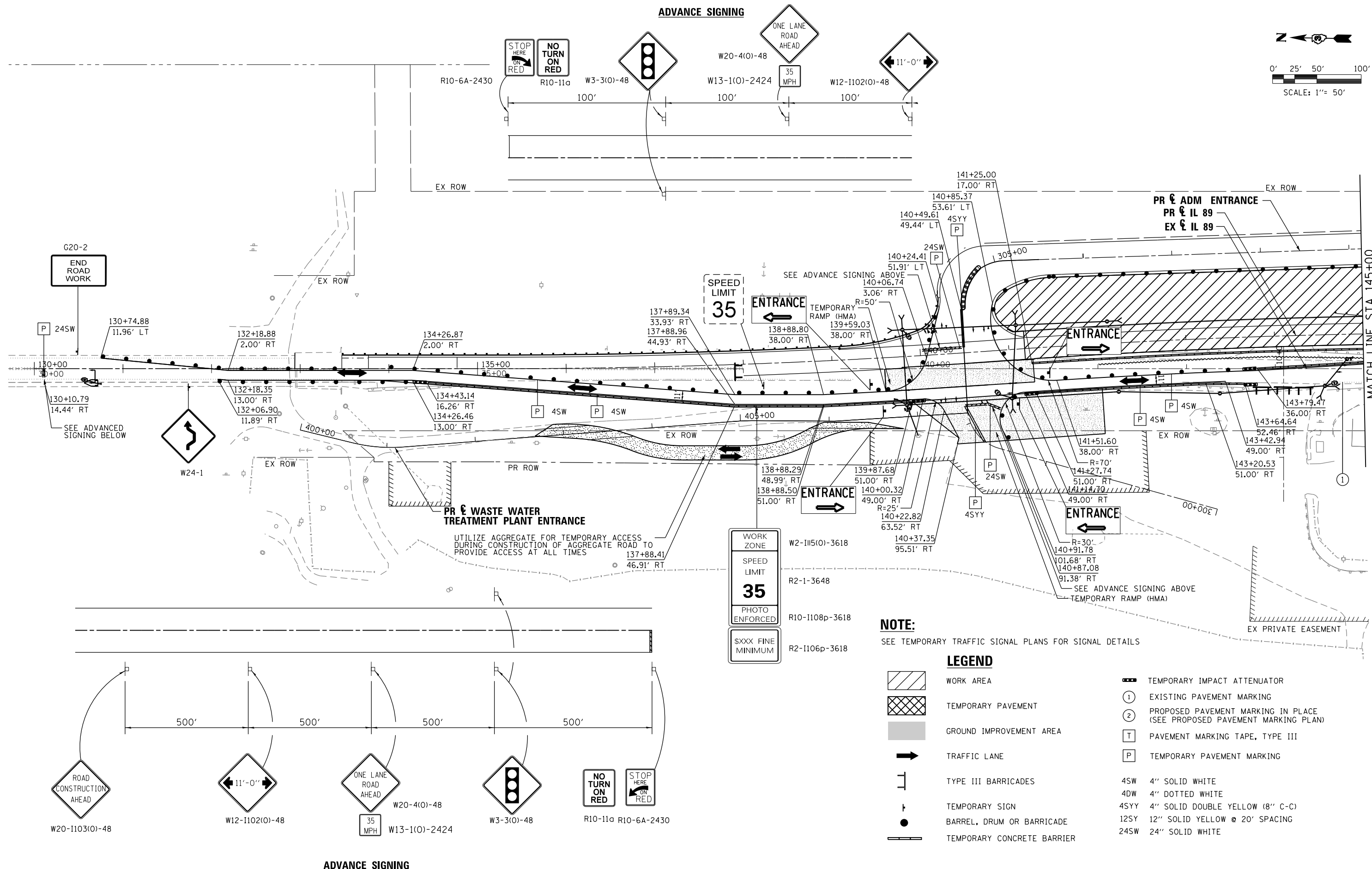
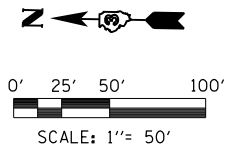
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1B**

SCALE: 1"=50' SHEET 17 OF 31 SHEETS STA. TO STA.

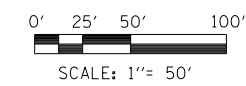
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	53
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

ADVANCE SIGNING



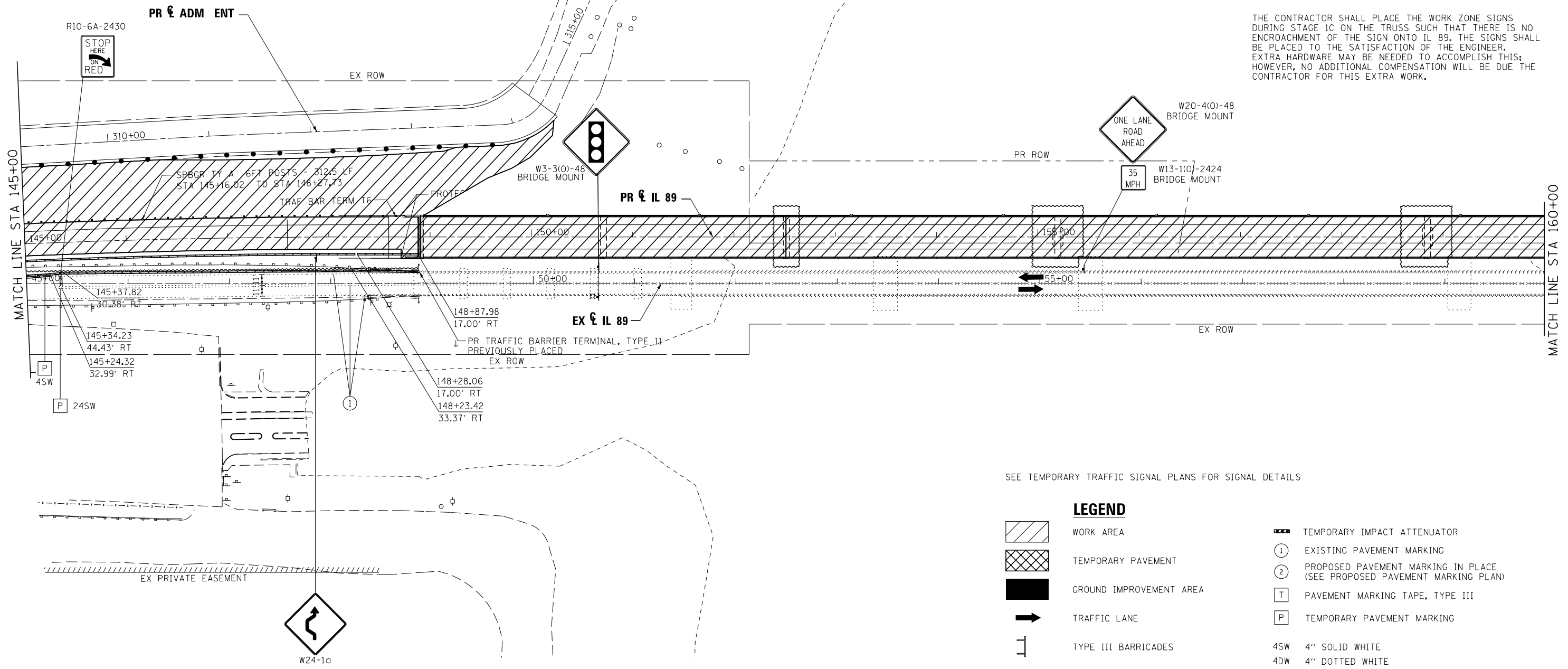
ADVANCE SIGNING

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#MODELNAME#	PLOT SCALE = 1"=50'	DRAWN TMB	REVISED -		SCALE: 1"=50'	SHEET 18	OF 31 SHEETS	698	1 (BR)	PUTNAM/BUREAU	415	54
	PLOT DATE = 8/6/2015	CHECKED JNR	REVISED -							CONTRACT NO. 66A69		
		DATE 8/10/2015	REVISED -							ILLINOIS FED. AID PROJECT		



NOTE:

THE CONTRACTOR SHALL PLACE THE WORK ZONE SIGNS DURING STAGE 1C ON THE TRUSS SUCH THAT THERE IS NO ENCROACHMENT OF THE SIGN ONTO IL 89. THE SIGNS SHALL BE PLACED TO THE SATISFACTION OF THE ENGINEER. EXTRA HARDWARE MAY BE NEEDED TO ACCOMPLISH THIS; HOWEVER, NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR FOR THIS EXTRA WORK.



SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR SIGNAL DETAILS

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

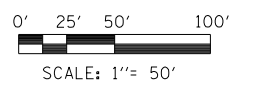
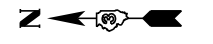
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	PLOT SCALE = 1"=50'	DRAWN TMB	REVISED -
MODELNAME	PLOT DATE = 8/15/2015	CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1C**

SCALE: 1"=50' SHEET 19 OF 31 SHEETS STA. TO STA.

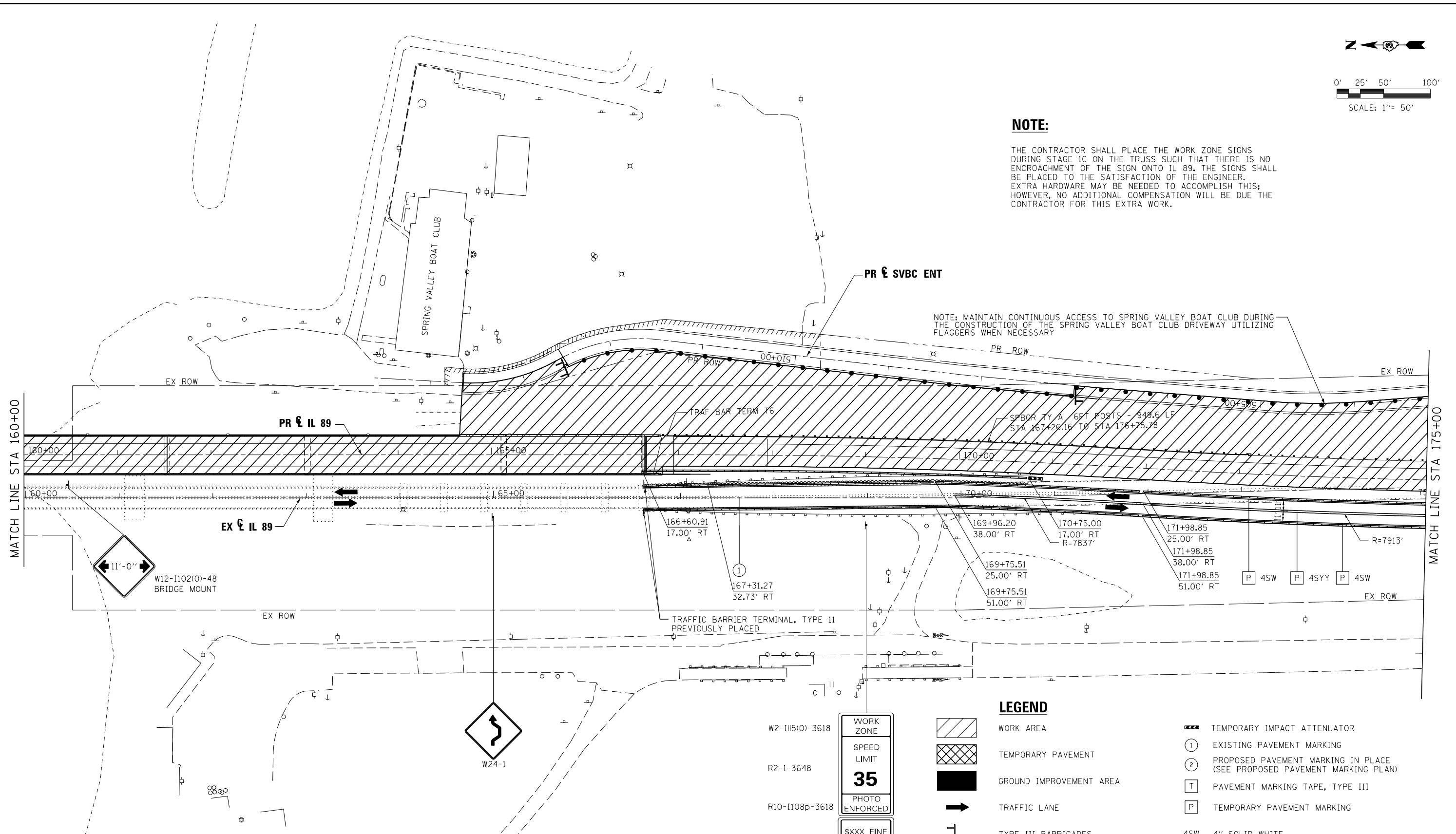
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	55
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



NOTE:

THE CONTRACTOR SHALL PLACE THE WORK ZONE SIGNS DURING STAGE 1C ON THE TRUSS SUCH THAT THERE IS NO ENCROACHMENT OF THE SIGN ONTO IL 89. THE SIGNS SHALL BE PLACED TO THE SATISFACTION OF THE ENGINEER. EXTRA HARDWARE MAY BE NEEDED TO ACCOMPLISH THIS; HOWEVER, NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR FOR THIS EXTRA WORK.

NOTE: MAINTAIN CONTINUOUS ACCESS TO SPRING VALLEY BOAT CLUB DURING THE CONSTRUCTION OF THE SPRING VALLEY BOAT CLUB DRIVEWAY UTILIZING FLAGGERS WHEN NECESSARY



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

WORK ZONE

SPEED LIMIT

35

PHOTO ENFORCED

\$XXX FINE MINIMUM

- W2-I115(0)-3618
- R2-1-3648
- R10-I108p-3618
- R2-I106p-3618

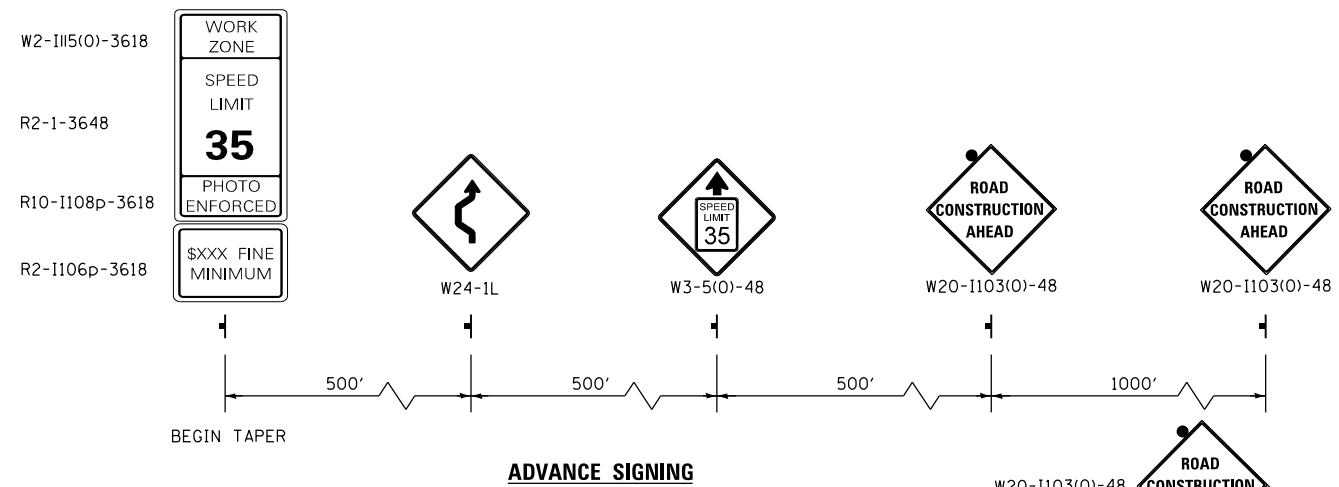
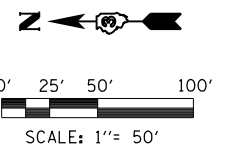
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		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -
MODELNAME	PLOT DATE = 8/15/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

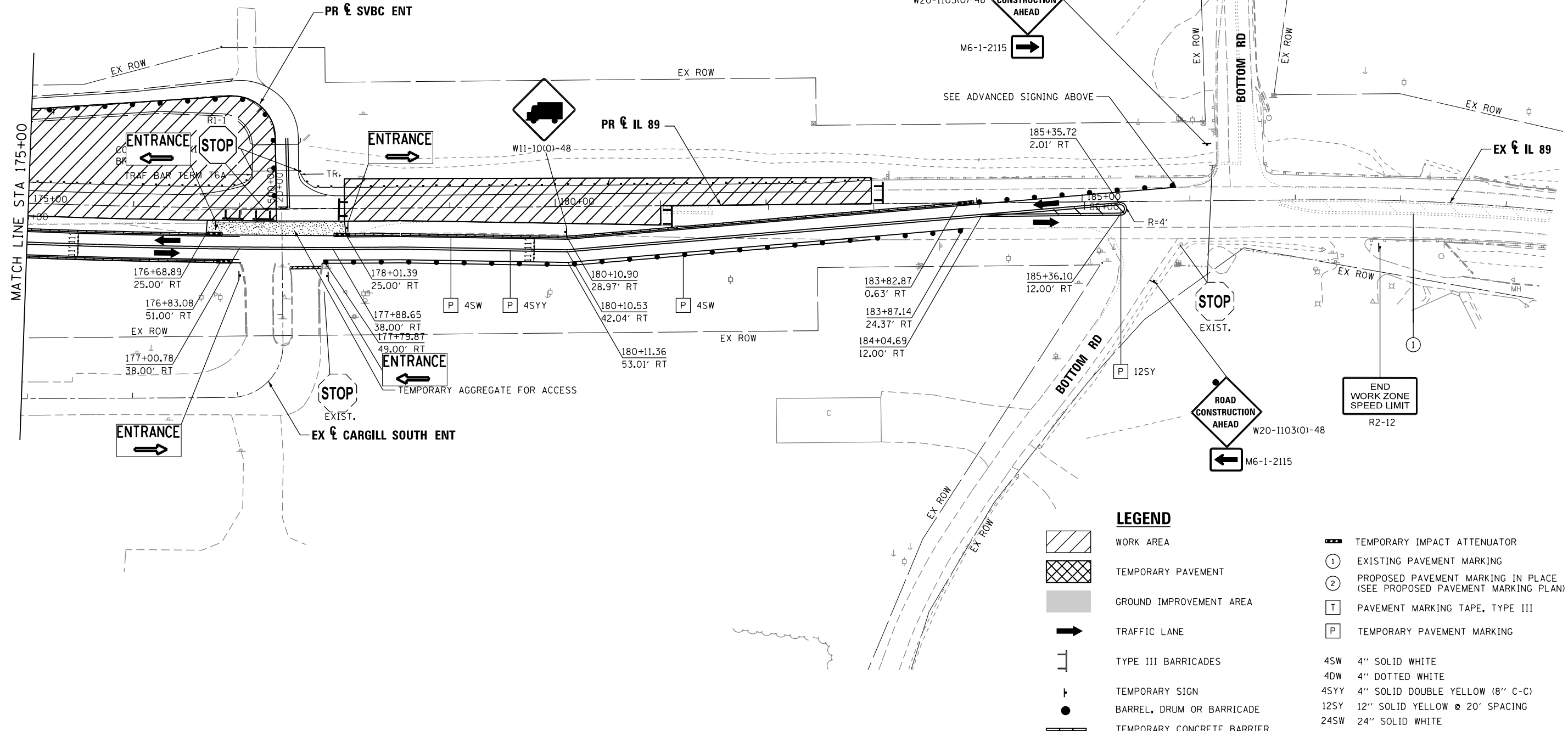
**MAINTENANCE OF TRAFFIC
STAGE 1C**

SCALE: 1"=50' SHEET 20 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	56
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



NOTE: MAINTAIN CONTINUOUS ACCESS TO SPRING VALLEY BOAT CLUB DURING THE CONSTRUCTION OF THE SPRING VALLEY BOAT CLUB ENTRANCE UTILIZING FLAGGERS AS NECESSARY



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SYY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

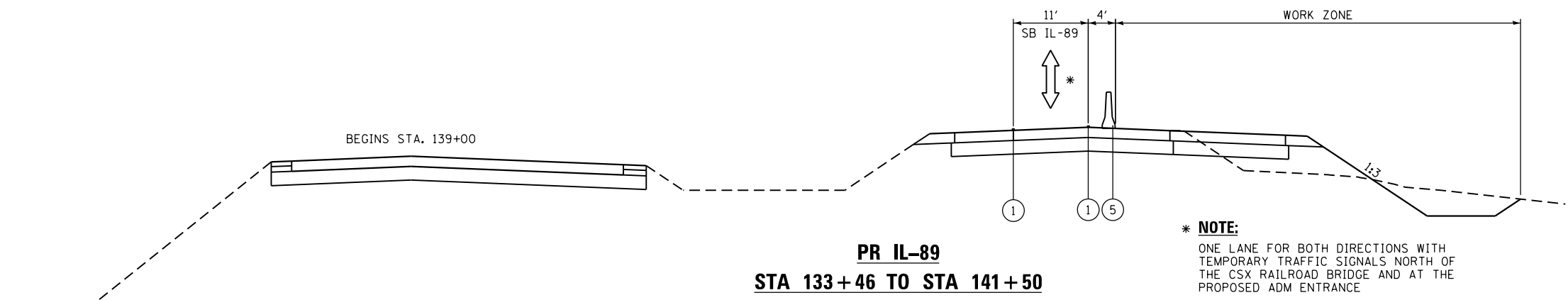
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... \D366A69-sht-IL89-MOT-StIC-04.dgn		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
#MODELNAME#	PLOT DATE = 8/11/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1C**

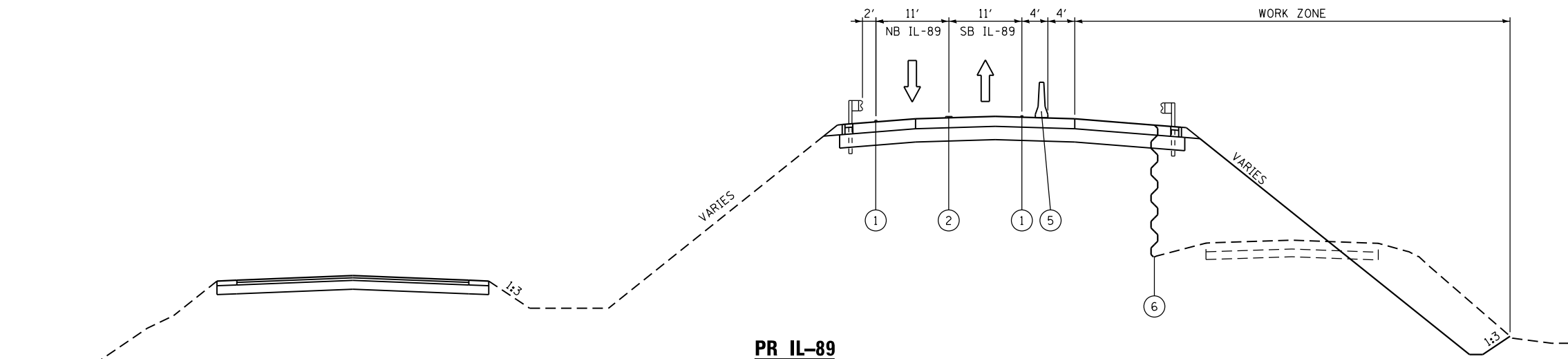
SCALE: 1"=50' SHEET 21 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	57
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

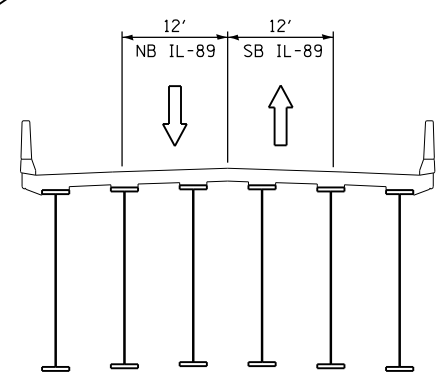


PR IL-89
STA 133+46 TO STA 141+50

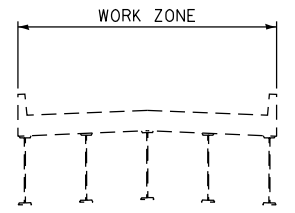
*** NOTE:**
ONE LANE FOR BOTH DIRECTIONS WITH
TEMPORARY TRAFFIC SIGNALS NORTH OF
THE CSX RAILROAD BRIDGE AND AT THE
PROPOSED ADM ENTRANCE



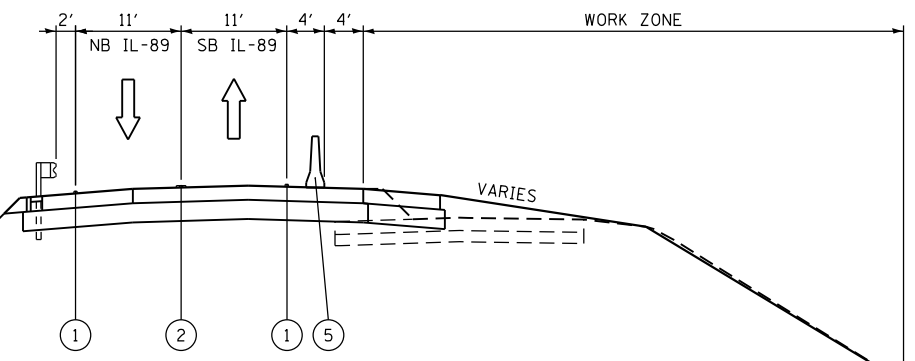
PR IL-89
STA 141+50 TO STA 148+50
STA 166+50 TO STA 170+00



PR IL-89
STA 148+50 TO STA 166+50



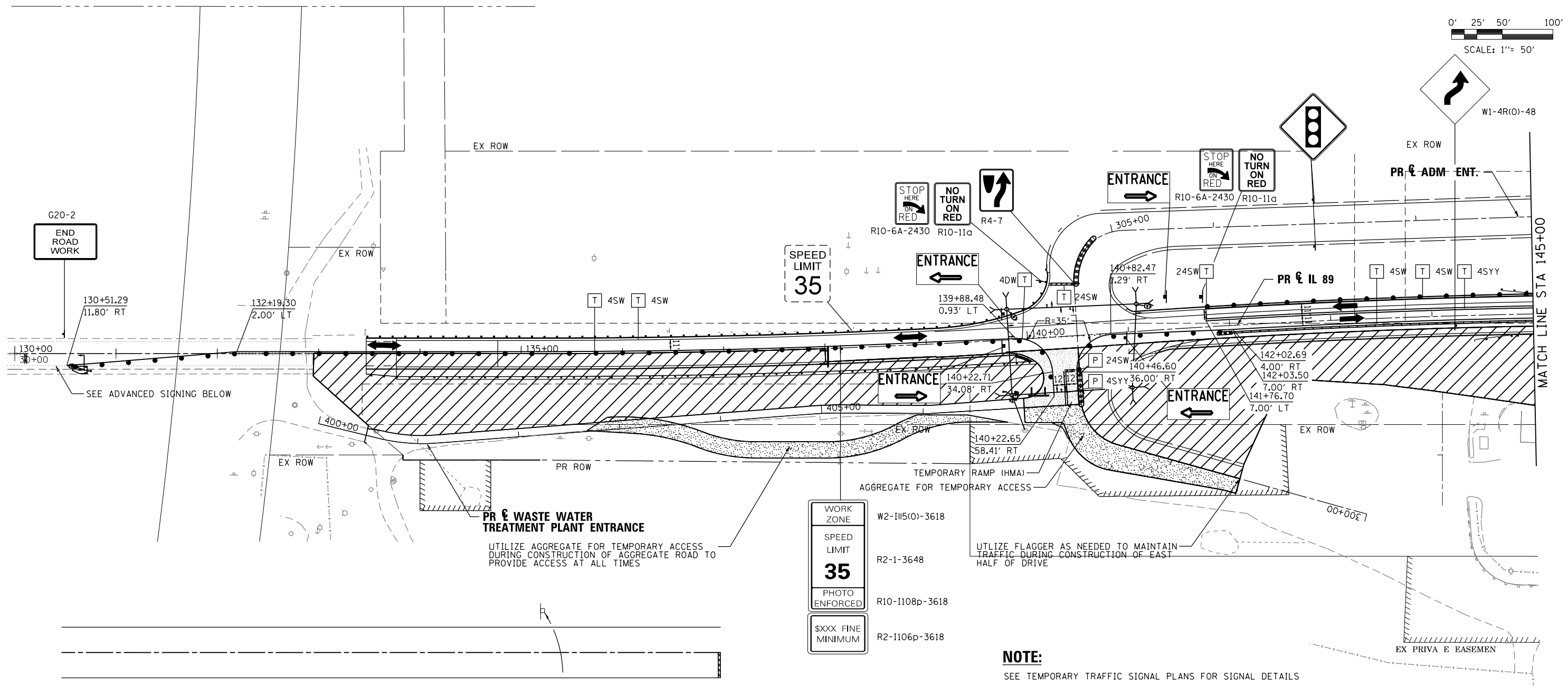
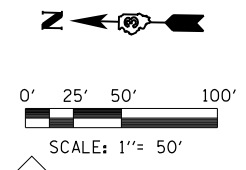
PR IL-89
STA 170+00 TO STA 183+00



LEGEND

- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
- ② TEMPORARY PAVEMENT MARKING - 4 INCH DOUBLE YELLOW
- ③ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ④ EXISTING PAVEMENT MARKING
- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ TEMPORARY SHEET PILING
- ▨ TEMPORARY PAVEMENT PLACED THIS STAGE
- ▧ TEMPORARY PAVEMENT PLACED PREVIOUS STAGE

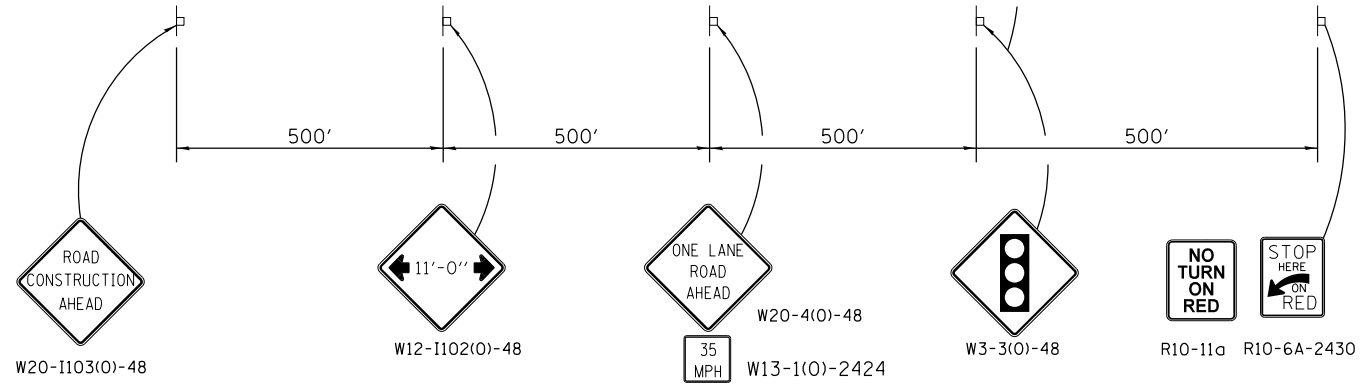
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... \D366A69-shr-IL89-MOT-Typ-Stage2-01A.dgn	DRAWN TMB	REVISOR -	698					1 (BR)	PUTNAM/BUREAU	415	58	
MODELNAME	PLOT SCALE = NTS	CHECKED JNR	REVISOR -		CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISOR -		SCALE: NTS	SHEET 22	OF 31 SHEETS	STA.	TO STA.			



WORK ZONE	W2-115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$XXX FINE MINIMUM	R2-1106p-3618

NOTE:
SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR SIGNAL DETAILS

LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	GROUND IMPROVEMENT AREA
	TRAFFIC LANE
	TYPE III BARRICADES
	TEMPORARY SIGN
	BARREL, DRUM OR BARRICADE
	TEMPORARY CONCRETE BARRIER
	TEMPORARY IMPACT ATTENUATOR
	EXISTING PAVEMENT MARKING
	PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
	PAVEMENT MARKING TAPE, TYPE III
	TEMPORARY PAVEMENT MARKING
	4SW 4" SOLID WHITE
	4DW 4" DOTTED WHITE
	4SY 4" SOLID DOUBLE YELLOW (8" C-C)
	12SY 12" SOLID YELLOW @ 20' SPACING
	24SW 24" SOLID WHITE



ADVANCE SIGNING

FILE NAME =	USER NAME = swilkenson	DESIGNED SEW	REVISED -
... \D366A69-shr-IL89-MOT-St2A-01.dgn		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
MODELNAME	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

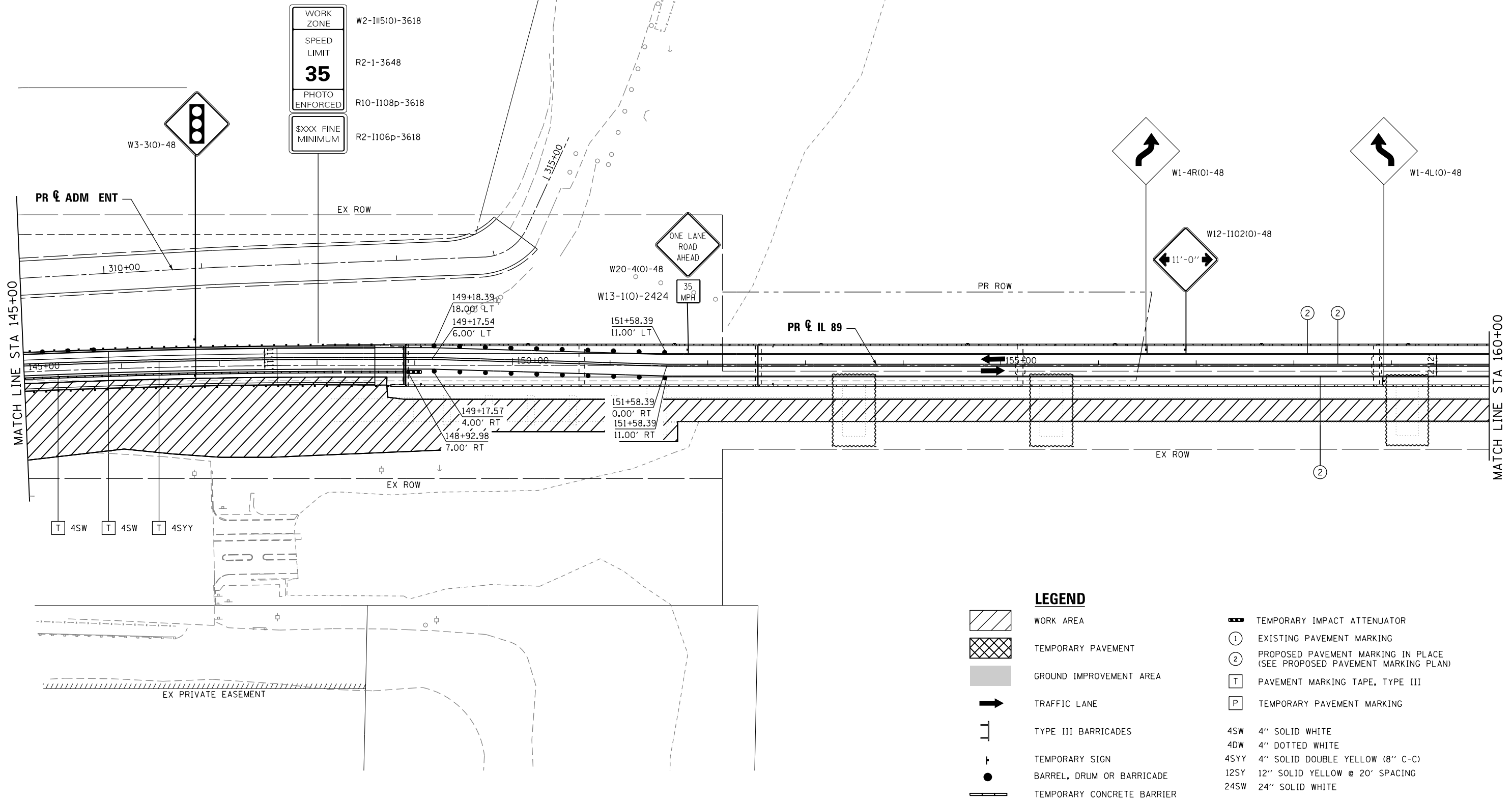
**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: 1"=50' SHEET 23 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	59
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



0' 25' 50' 100'
SCALE: 1" = 50'



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

FILE NAME = ... \D366A69-sht-IL89-MOT-St2A-02.dgn	USER NAME = swilkinson	DESIGNED SEW	REVISED -
		DRAWN TMB	REVISED -
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MODELNAME	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

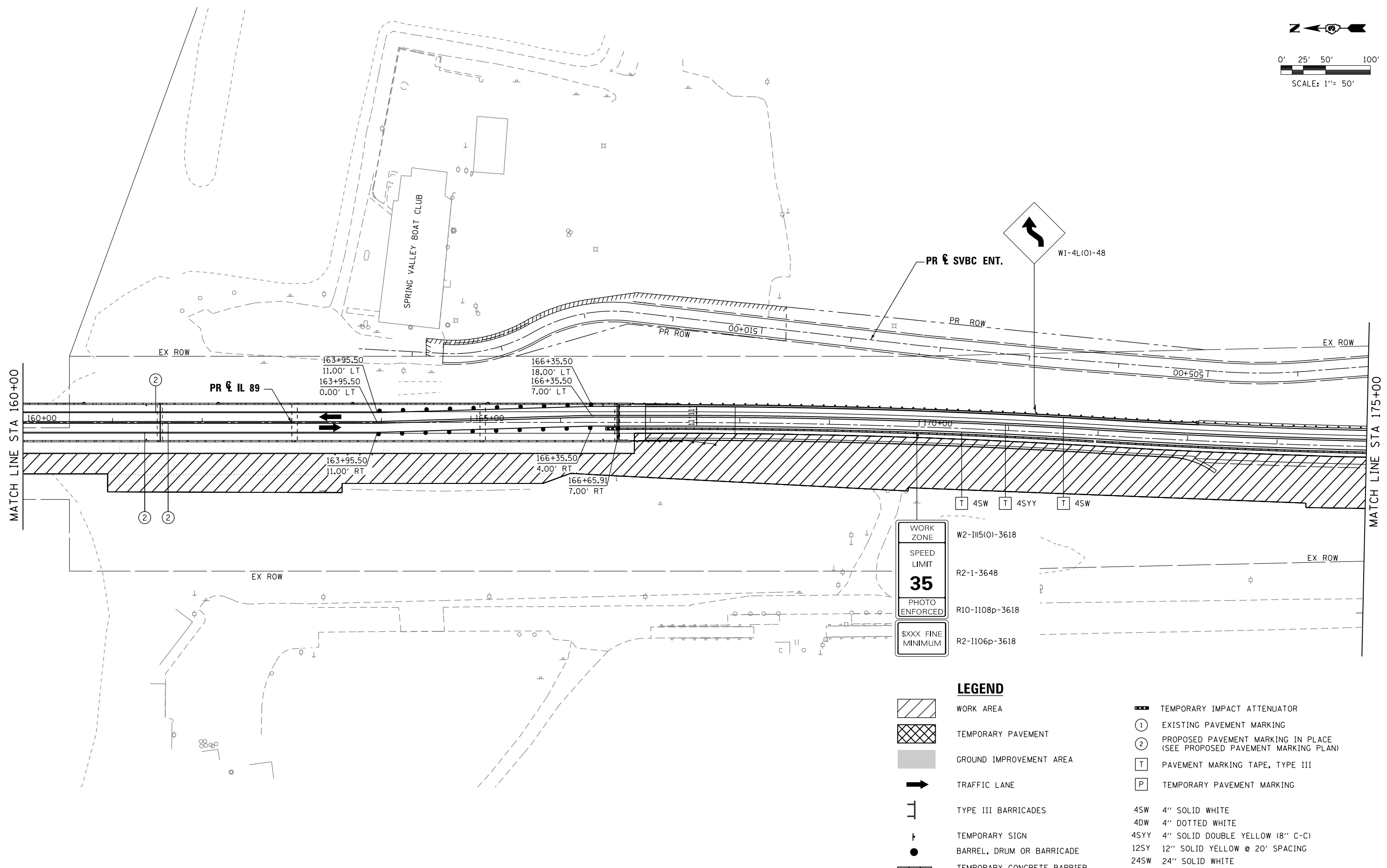
**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: 1"=50' SHEET 24 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	60
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



0' 25' 50' 100'
SCALE: 1" = 50'



WORK ZONE	W2-III(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$XXX FINE MINIMUM	R2-1106p-3618

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

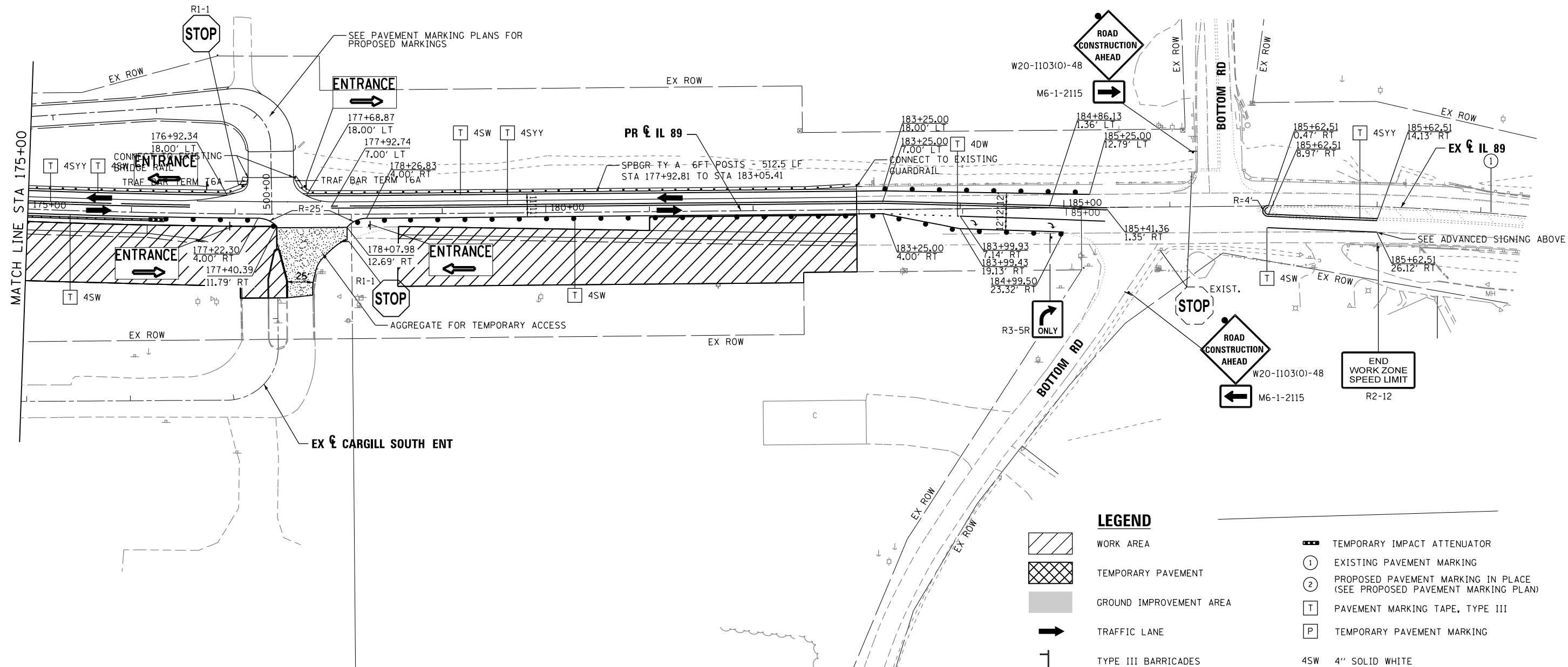
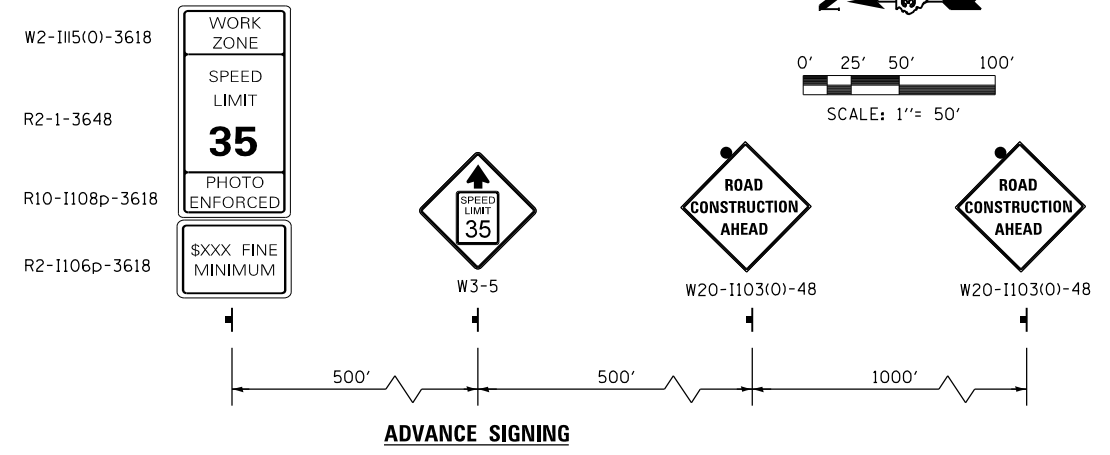
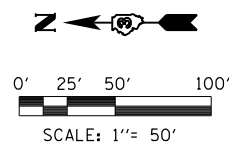
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		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**














**MAINTENANCE OF TRAFFIC
STAGE 2A**

SCALE: 1"=50' SHEET 25 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	61
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



LEGEND

-  WORK AREA
-  TEMPORARY PAVEMENT
-  GROUND IMPROVEMENT AREA
-  TRAFFIC LANE
-  TYPE III BARRICADES
-  TEMPORARY SIGN
-  BARREL, DRUM OR BARRICADE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  EXISTING PAVEMENT MARKING
-  PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
-  PAVEMENT MARKING TAPE, TYPE III
-  TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

FILE NAME = ...D366A69-sht-IL89-MOT-St2A-04.dgn	USER NAME = swilkenson	DESIGNED SEW	REVISED -
		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
MODELNAME	PLOT DATE = 8/11/2015	DATE 8/10/2015	REVISED -

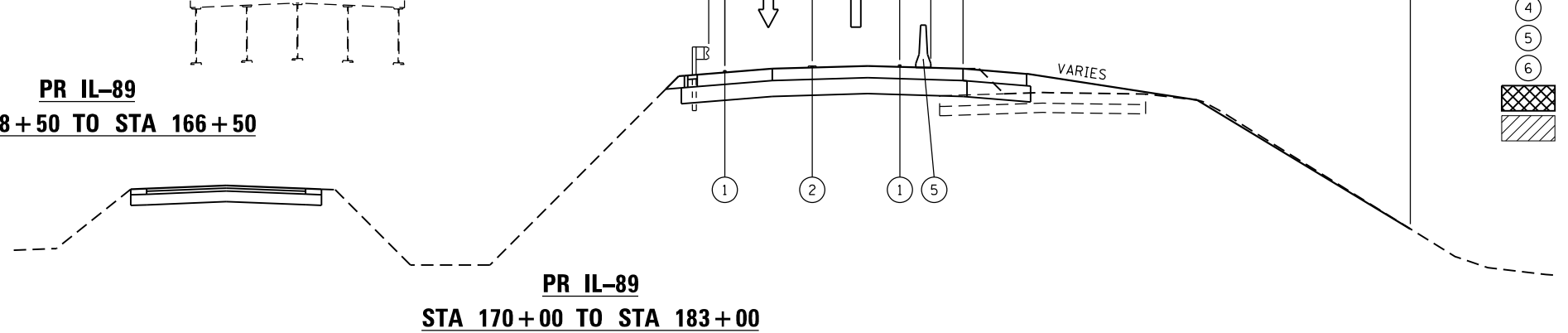
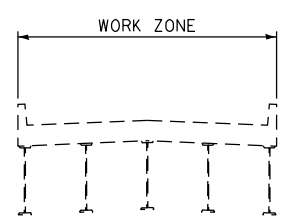
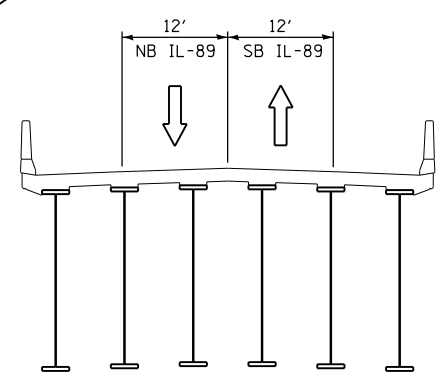
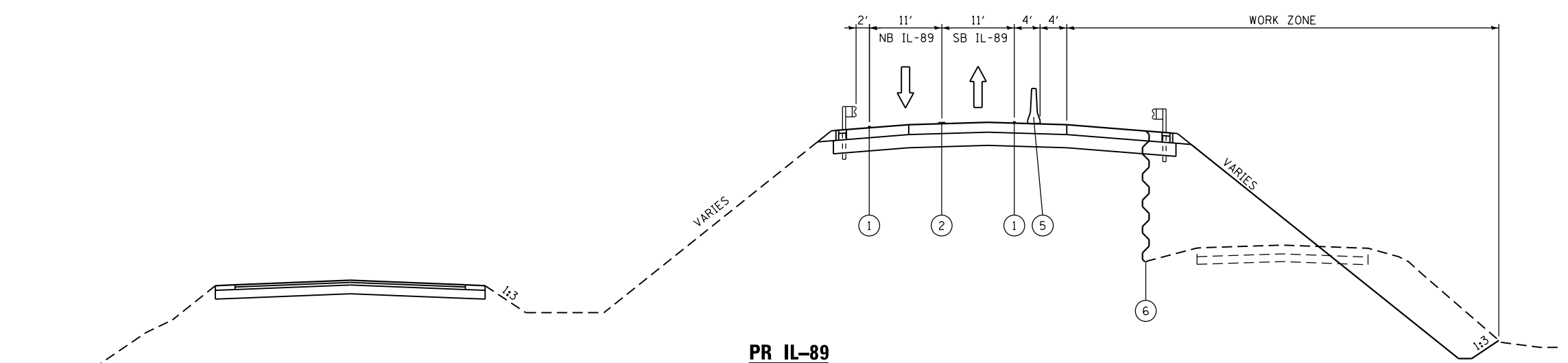
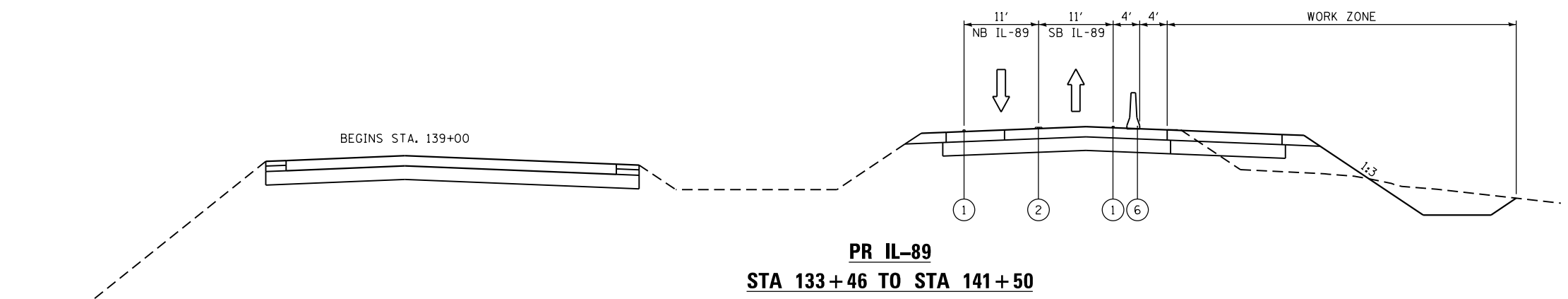
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2A**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	62
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

SCALE: 1"=50' SHEET 26 OF 31 SHEETS STA. TO STA.

NOTE:
 TEMPORARY TRAFFIC SIGNALS
 ARE TO BE REMOVED AT THE
 END OF STAGE 2A



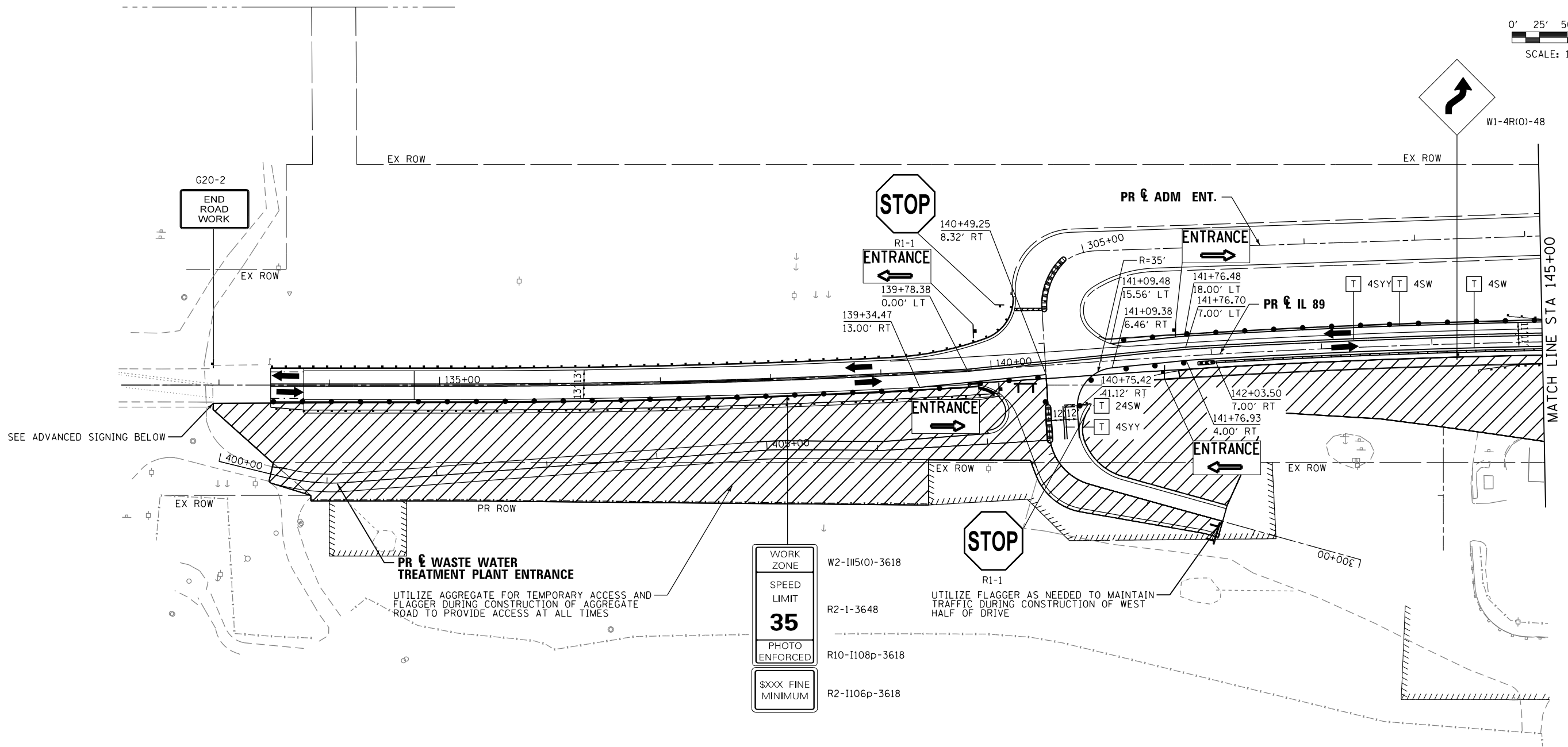
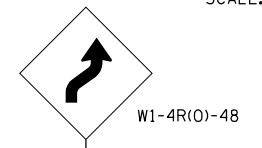
LEGEND

- ① TEMPORARY PAVEMENT MARKING - 4 INCH WHITE
- ② TEMPORARY PAVEMENT MARKING - 4 INCH DOUBLE YELLOW
- ③ DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- ④ EXISTING PAVEMENT MARKING
- ⑤ TEMPORARY CONCRETE BARRIER
- ⑥ TEMPORARY SHEET PILING
- ▨ TEMPORARY PAVEMENT PLACED THIS STAGE
- ▧ TEMPORARY PAVEMENT PLACED PREVIOUS STAGE

FILE NAME =	USER NAME = swilkenson	DESIGNED RJP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2B TYPICAL SECTION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D366A69-shr-IL89-MOT-Typ-Stage2-01B.dgn		DRAWN TMB	REVISED -		698	1 (BR)	PUTNAM/BUREAU	415	63			
MODELNAME	PLOT SCALE = NTS	CHECKED JNR	REVISED -		CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -		SCALE: NTS	SHEET 27	OF 31 SHEETS	STA.	TO STA.			



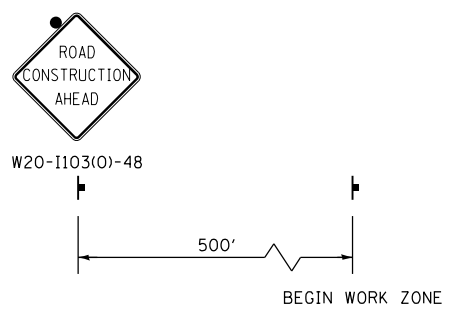
0' 25' 50' 100'
SCALE: 1" = 50'



SEE ADVANCED SIGNING BELOW

MATCH LINE STA 145+00

WORK ZONE	W2-II(5)(0)-3618
SPEED LIMIT	R2-1-3648
35	
PHOTO ENFORCED	R10-II08p-3618
\$XXX FINE MINIMUM	R2-II06p-3618

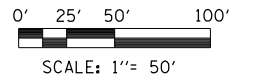


ADVANCE SIGNING

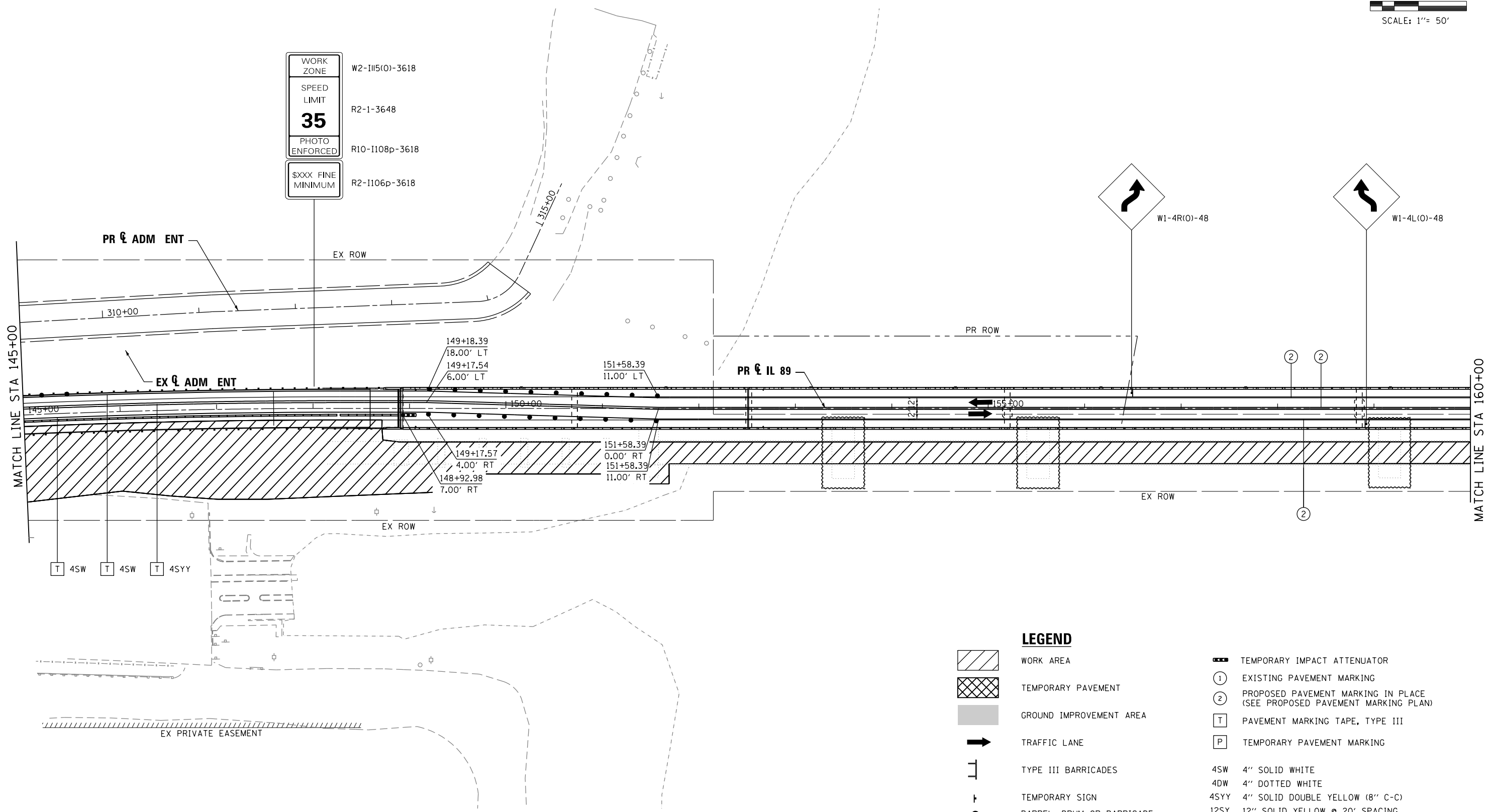
LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

FILE NAME = ... \D366A69-sht-IL89-MOT-Sx2B-01.dgn	USER NAME = swilkinson	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2B			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#MODELNAME#	PLOT SCALE = 1"=50'	DRAWN TMB	REVISED -		SCALE: 1"=50'	SHEET 28	OF 31 SHEETS	STA.	TO STA.	698	1 (BR)	PUTNAM/BUREAU	415 64
	PLOT DATE = 8/6/2015	CHECKED JNR	REVISED -									CONTRACT NO. 66A69	
		DATE 8/10/2015	REVISED -									ILLINOIS FED. AID PROJECT	



WORK ZONE	W2-II15(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-II108p-3618
\$XXX FINE MINIMUM	R2-II106p-3618



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- GROUND IMPROVEMENT AREA
- TRAFFIC LANE
- TYPE III BARRICADES
- TEMPORARY SIGN
- BARREL, DRUM OR BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- EXISTING PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
- PAVEMENT MARKING TAPE, TYPE III
- TEMPORARY PAVEMENT MARKING
- 4SW 4" SOLID WHITE
- 4DW 4" DOTTED WHITE
- 4SY 4" SOLID DOUBLE YELLOW (8" C-C)
- 12SY 12" SOLID YELLOW @ 20' SPACING
- 24SW 24" SOLID WHITE

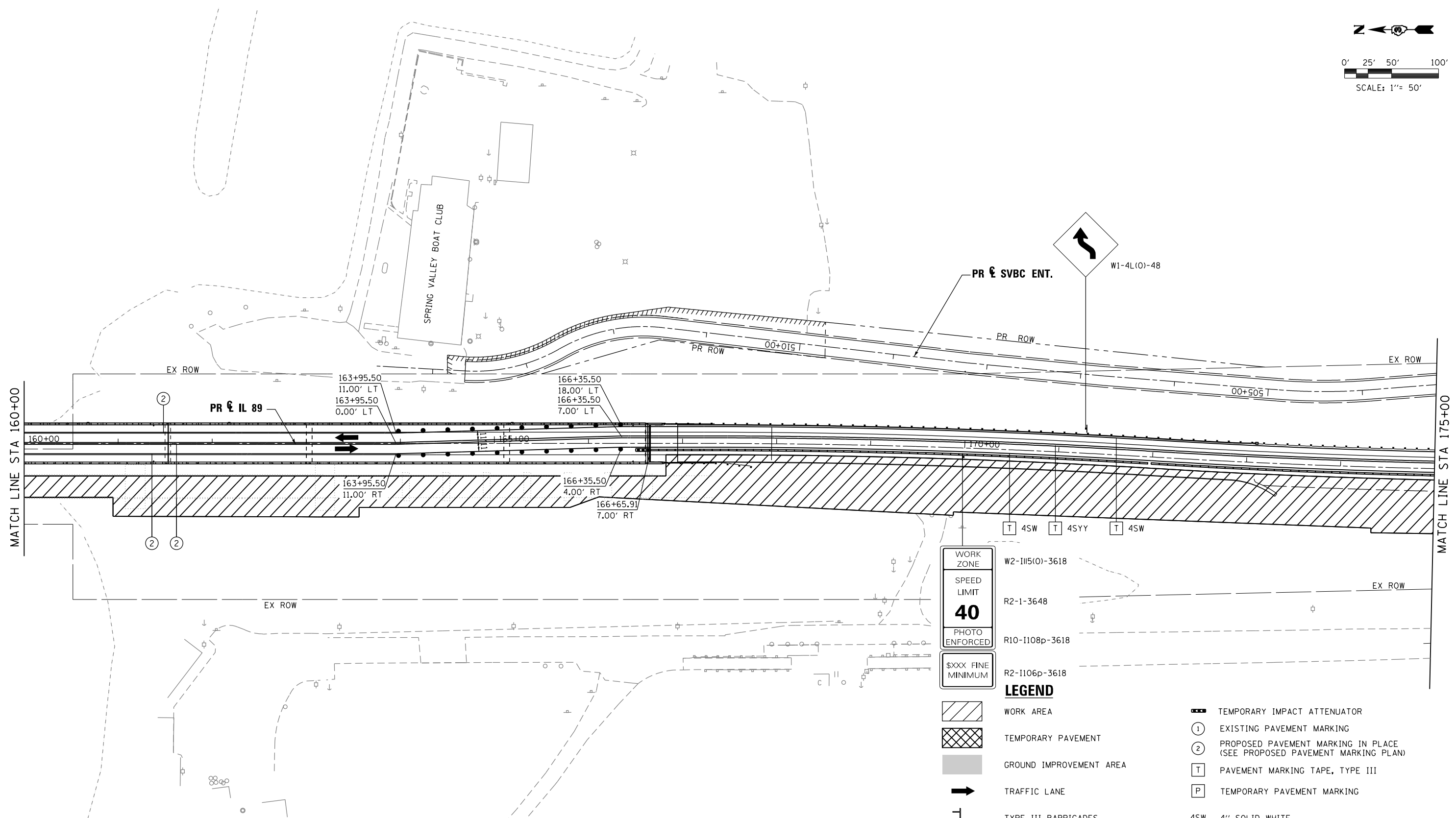
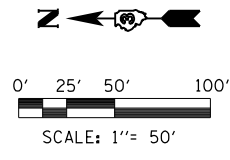
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\$MODELNAME\$	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2B**

SCALE: 1"=50' SHEET 29 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	65
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



WORK ZONE	W2-III5(0)-3618	
SPEED LIMIT	R2-1-3648	
PHOTO ENFORCED	R10-1108p-3618	
\$XXX FINE MINIMUM	R2-1106p-3618	

LEGEND

	WORK AREA		TEMPORARY IMPACT ATTENUATOR
	TEMPORARY PAVEMENT		EXISTING PAVEMENT MARKING
	GROUND IMPROVEMENT AREA		PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
	TRAFFIC LANE		PAVEMENT MARKING TAPE, TYPE III
	TYPE III BARRICADES		TEMPORARY PAVEMENT MARKING
	TEMPORARY SIGN	4SW	4" SOLID WHITE
	BARREL, DRUM OR BARRICADE	4DW	4" DOTTED WHITE
	TEMPORARY CONCRETE BARRIER	4SYY	4" SOLID DOUBLE YELLOW (8" C-C)
		12SY	12" SOLID YELLOW @ 20' SPACING
		24SW	24" SOLID WHITE

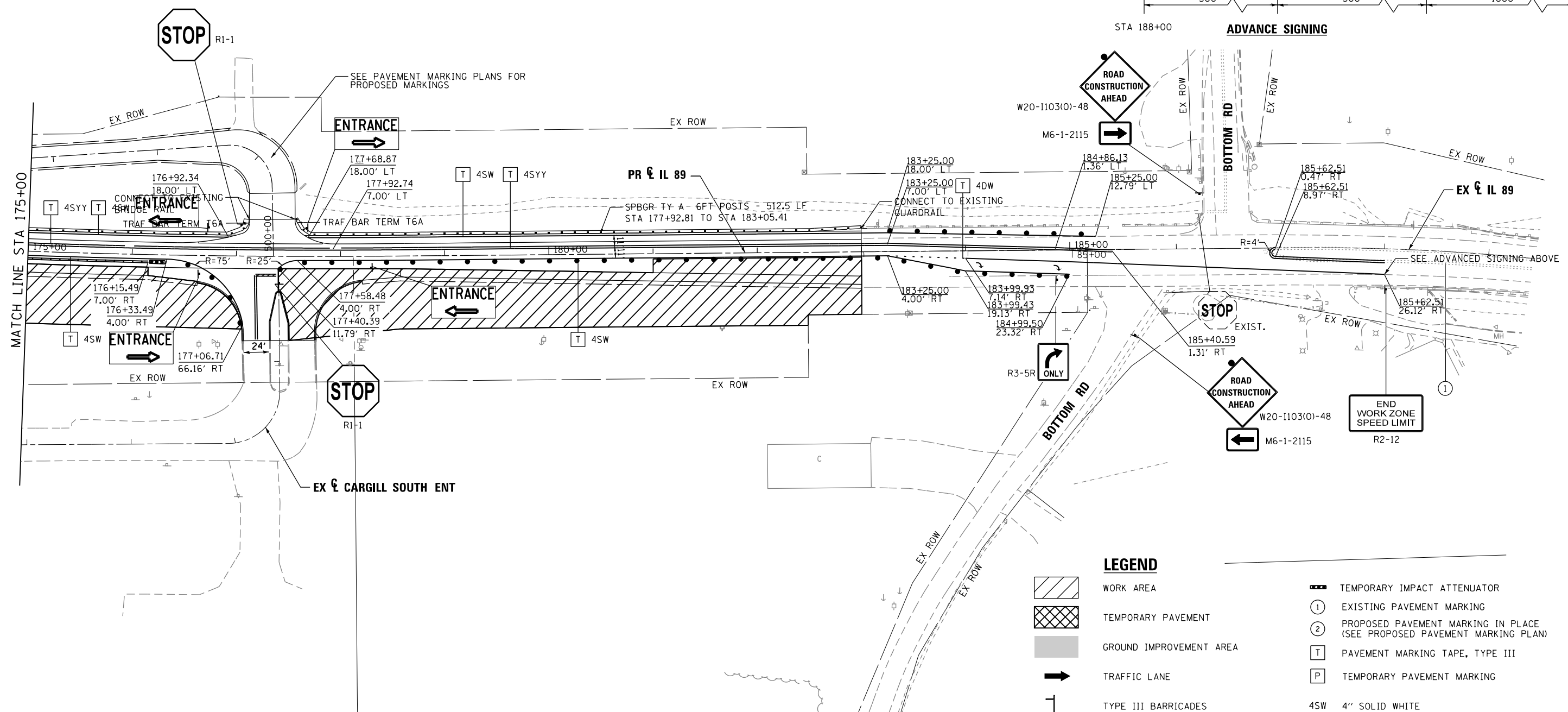
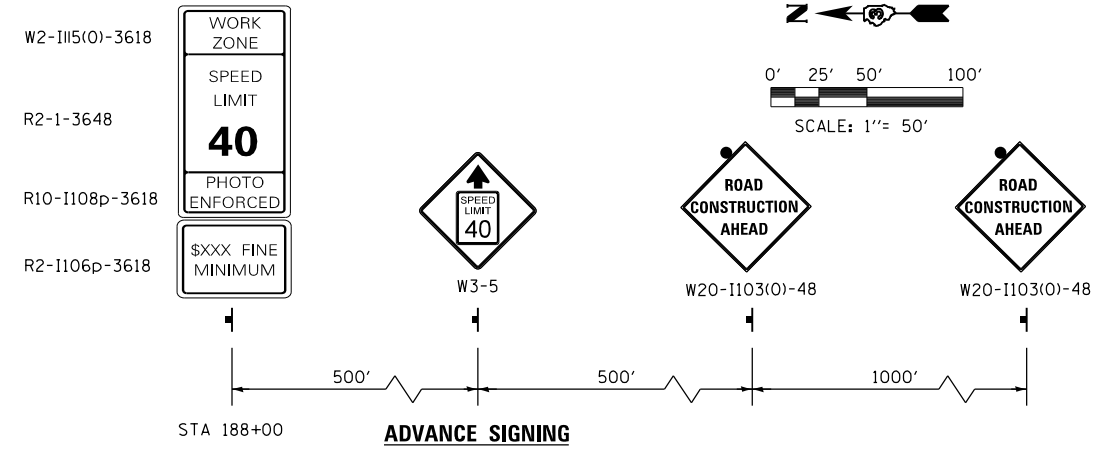
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		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2B**

SCALE: 1"=50' SHEET 30 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	66
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



LEGEND

	WORK AREA		TEMPORARY IMPACT ATTENUATOR
	TEMPORARY PAVEMENT		EXISTING PAVEMENT MARKING
	GROUND IMPROVEMENT AREA		PROPOSED PAVEMENT MARKING IN PLACE (SEE PROPOSED PAVEMENT MARKING PLAN)
	TRAFFIC LANE		PAVEMENT MARKING TAPE, TYPE III
	TYPE III BARRICADES		TEMPORARY PAVEMENT MARKING
	TEMPORARY SIGN	4SW	4" SOLID WHITE
	BARREL, DRUM OR BARRICADE	4DW	4" DOTTED WHITE
	TEMPORARY CONCRETE BARRIER	4SY	4" SOLID DOUBLE YELLOW (8" C-C)
		12SY	12" SOLID YELLOW @ 20' SPACING
		24SW	24" SOLID WHITE

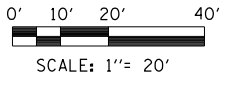
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		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

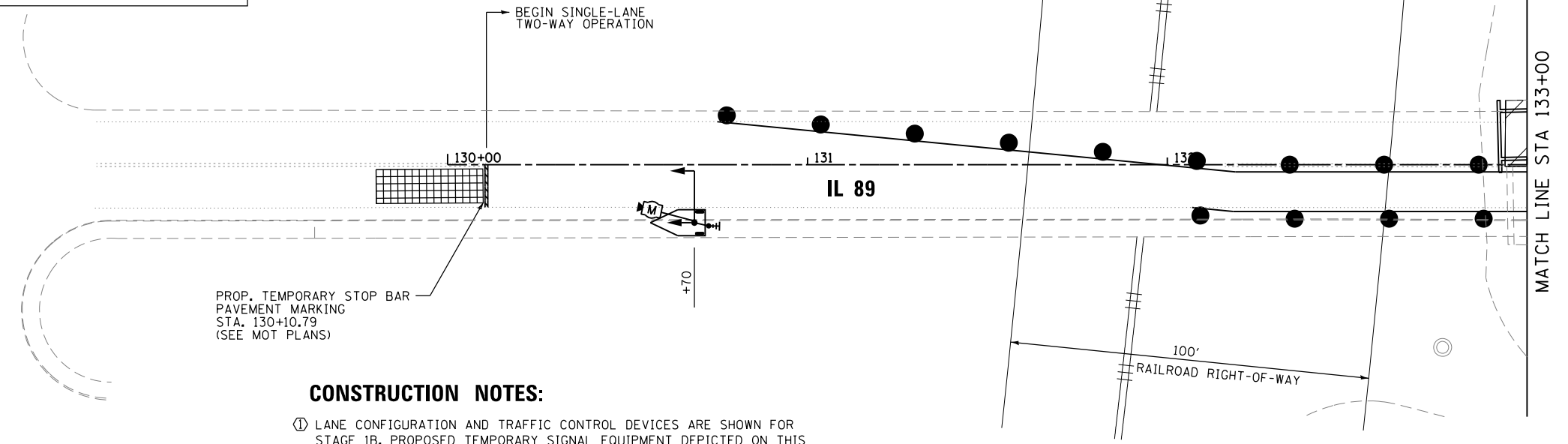
MAINTENANCE OF TRAFFIC STAGE 2B			
SCALE: 1"=50'	SHEET 31	OF 31 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	67
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



W. ILLINOIS ST.



LEGEND

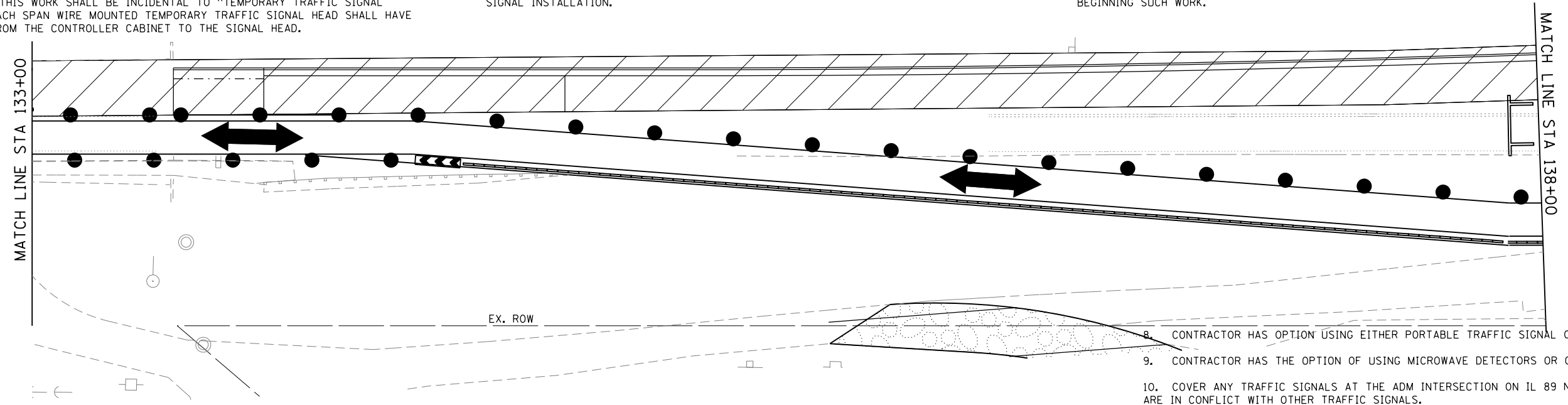
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER)
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SIGNAL HEAD
- TEMPORARY CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY
- CONFIRMATION BEACON
- VIDEO DETECTION CAMERA
- VIDEO OR MICROWAVE DETECTION ZONE
- GUY WIRE
- SIDEWALK GUY WIRE
- SERVICE INSTALLATION
- WORK ZONE
- PORTABLE TRAFFIC SIGNAL WITH MICROWAVE DETECTOR

CONSTRUCTION NOTES:

- ① LANE CONFIGURATION AND TRAFFIC CONTROL DEVICES ARE SHOWN FOR STAGE 1B. PROPOSED TEMPORARY SIGNAL EQUIPMENT DEPICTED ON THIS PLAN IS APPLICABLE TO STAGES 1B, 1C AND 2A.

TEMPORARY TRAFFIC SIGNALS NOTES:

1. ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. ALL TRAFFIC SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE SPAN WIRE MOUNTED HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. THE CONTRACTOR SHALL RELOCATED EACH TRAFFIC SIGNAL HEAD AS MANY TIMES AS NECESSARY TO MAINTAIN TRAFFIC OPERATIONS, AND THIS WORK SHALL BE INCIDENTAL TO "TEMPORARY TRAFFIC SIGNAL INSTALLATION". EACH SPAN WIRE MOUNTED TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
3. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF THE DISTRICT AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
4. ALL TEMPORARY TRAFFIC SIGNALS SHALL MEET THE LATEST ITE LED TRAFFIC SIGNAL STANDARDS.
5. ALL VIDEO AND/OR MICROWAVE DETECTION ZONES ARE TO BE REDEFINED DURING EACH STAGE OF CONSTRUCTION AND ARE INCIDENTAL TO THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
6. THE CONTRACTOR SHALL PROVIDE 72 HOUR NOTICE TO THE STATE PRIOR TO ANY CONSTRUCTION STAGE CHANGE THAT IMPACTS THE TEMPORARY TRAFFIC SIGNAL.
7. THE CONTRACTOR SHALL COORDINATE WITH AMEREN REGARDING THE INSTALLATION AND REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS. THE EXISTING AERIAL LINE LOCATED ALONG THE WEST SIDE OF IL 89 IS REQUIRED TO BE DE-ENERGIZED BY AMEREN IF THE CONTRACTOR'S OPERATIONS WILL REQUIRE WORK WITHIN 20 FEET OF THAT LINE. IN THAT EVENT, THE CONTRACTOR SHALL NOTIFY MR. TIM McTAGGART OF AMEREN ILLINOIS AT (815) 224-6270 A MINIMUM OF 3 WEEKS PRIOR TO INSTALLATION AND REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS TO SCHEDULE DE-ENERGIZING OF THE LINE PRIOR TO BEGINNING SUCH WORK.



8. CONTRACTOR HAS OPTION USING EITHER PORTABLE TRAFFIC SIGNAL OR THE WOOD POLES.
9. CONTRACTOR HAS THE OPTION OF USING MICROWAVE DETECTORS OR CAMERAS.
10. COVER ANY TRAFFIC SIGNALS AT THE ADM INTERSECTION ON IL 89 NB OR SB LEGS THAT ARE IN CONFLICT WITH OTHER TRAFFIC SIGNALS.

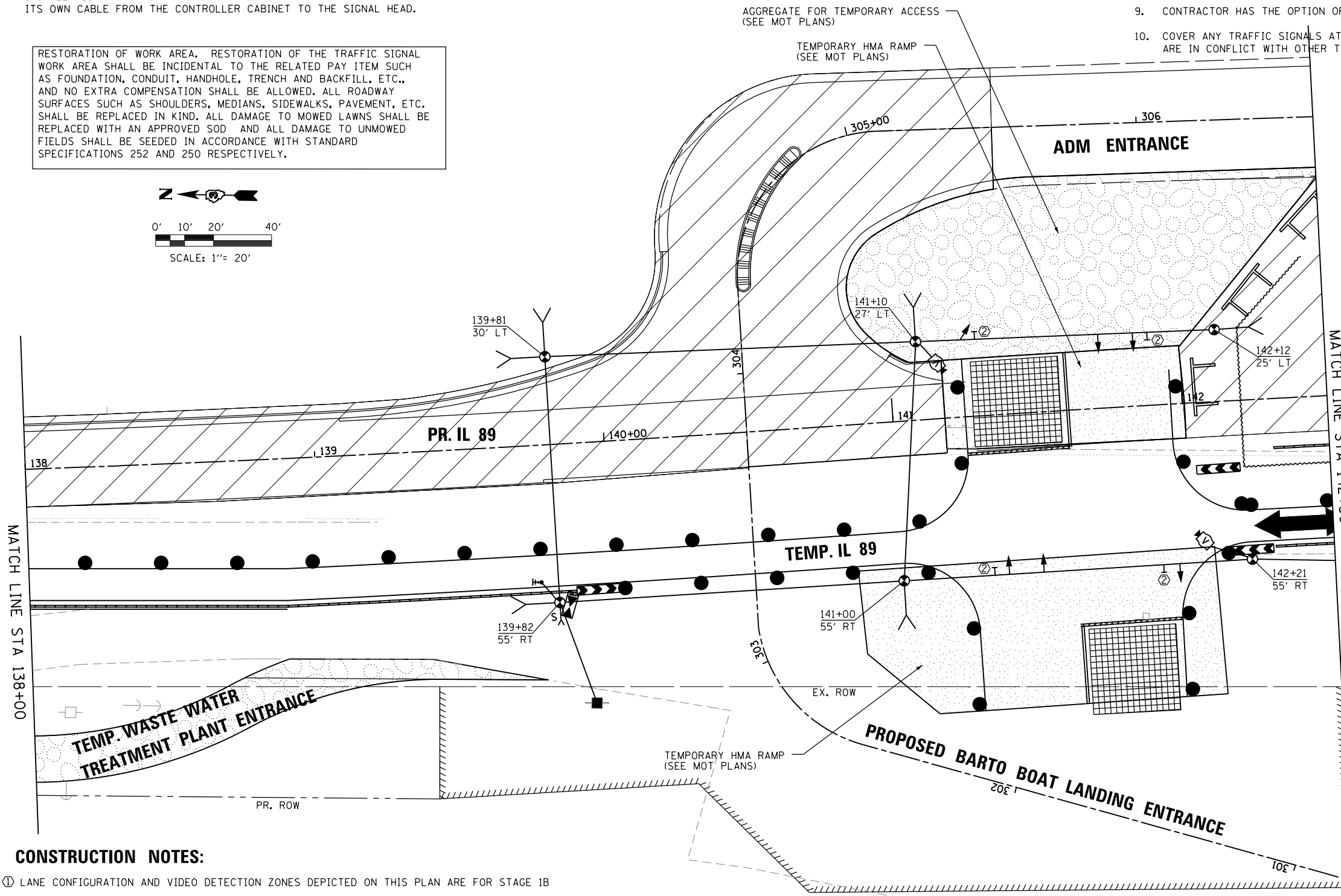
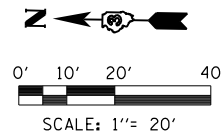
FILE NAME =	USER NAME = swilkinson	DESIGNED CCC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN IL 89, ADM ENTRANCE & BARTO BOAT LANDING ENTRANCE STAGES 1B, 1C & 2A			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D366A69-sht-IL89-TempTSP1an_North_01.dgn		DRAWN CCC	REVISED -		698	1 (BR)	PUTNAM/BUREAU	415	68	CONTRACT NO. 66A69		
\$MODELNAME\$		CHECKED MPM	REVISED -		SCALE: 1"=20'	SHEET 1	OF 7 SHEETS	STA.POB	TO STA.138+00	ILLINOIS FED. AID PROJECT		
		DATE 8/10/2015	REVISED -									

TEMPORARY TRAFFIC SIGNALS NOTES:

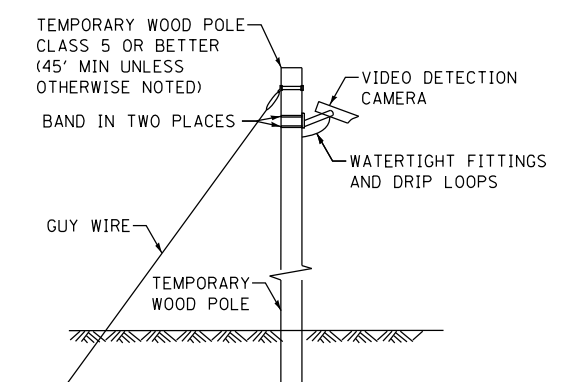
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- CONTRACTOR HAS THE OPTION OF USING MICROWAVE DETECTORS OR CAMERAS.
- COVER ANY TRAFFIC SIGNALS AT THE ADM INTERSECTION ON IL 89 NB OR SB LEGS THAT ARE IN CONFLICT WITH OTHER TRAFFIC SIGNALS.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



- LEGEND**
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER)
 - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
 - TEMPORARY SIGNAL HEAD
 - TEMPORARY CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY
 - CONFIRMATION BEACON
 - VIDEO DETECTION CAMERA
 - VIDEO DETECTION ZONE
 - GUY WIRE
 - SIDEWALK GUY WIRE
 - SERVICE INSTALLATION
 - SIGN MOUNTED TO SPAN WIRE
 - WORK ZONE
 - RADIO COMMUNICATION



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

CONSTRUCTION NOTES:

- LANE CONFIGURATION AND VIDEO DETECTION ZONES DEPICTED ON THIS PLAN ARE FOR STAGE 1B
- PROVIDE R10-11b SIGN AT INDICATED LOCATIONS:



FILE NAME =	USER NAME = swilkinson	DESIGNED CCC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN IL 89, ADM ENTRANCE & BARTO BOAT LANDING ENTRANCE STAGE 1B			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D366A69-sht-IL89-TempTSP1an_StglB_02.dgn		DRAWN CCC	REVISED -		698	1 (BR)	PUTNAM/BUREAU	415	69	CONTRACT NO. 66A69		
\$MODELNAME\$	PLOT SCALE = 1"=20'	CHECKED MPM	REVISED -		SCALE: 1"=20'	SHEET 2	OF 7 SHEETS	STA. 138+00	TO STA. 142+50	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -									

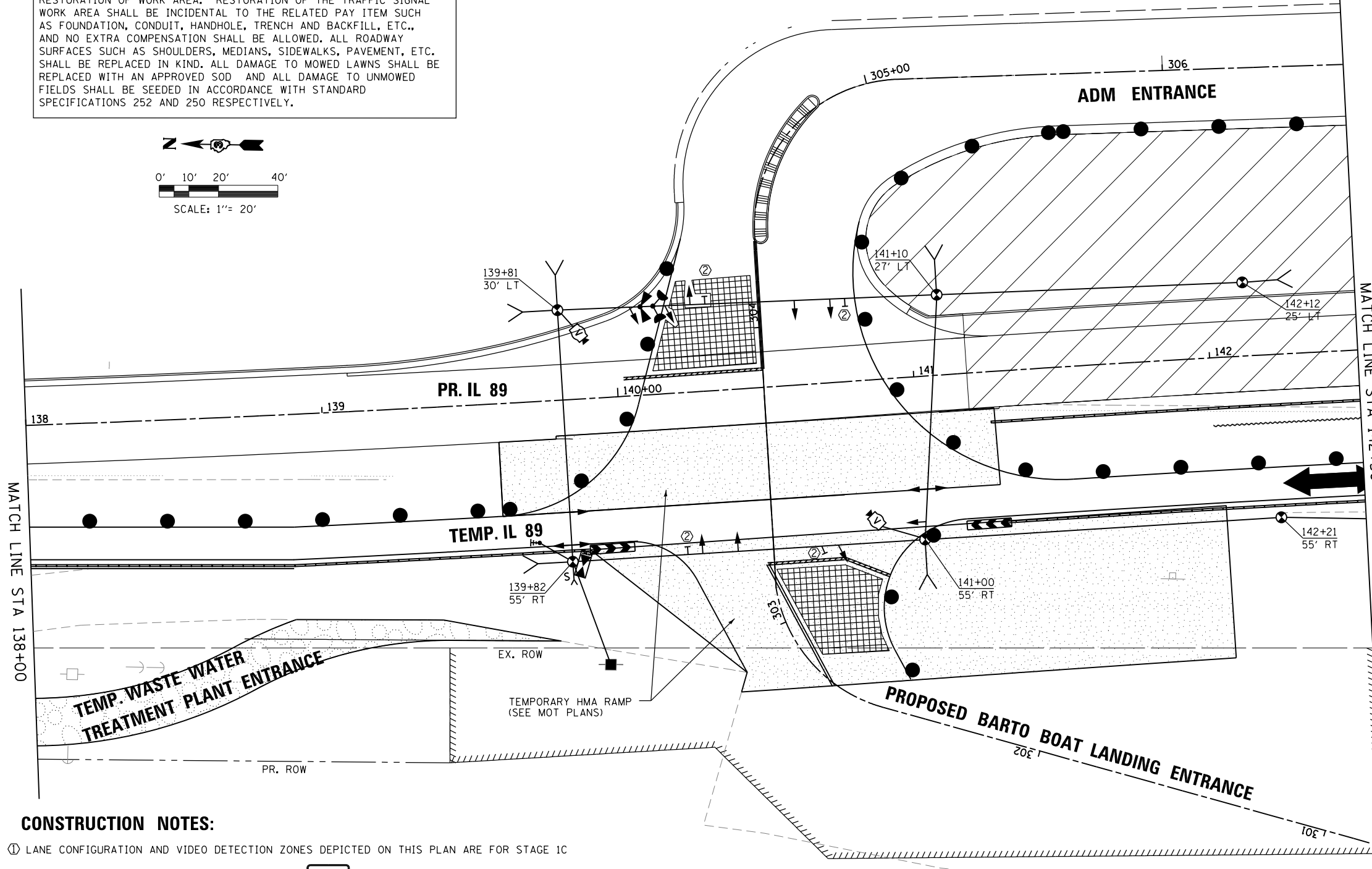
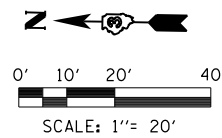
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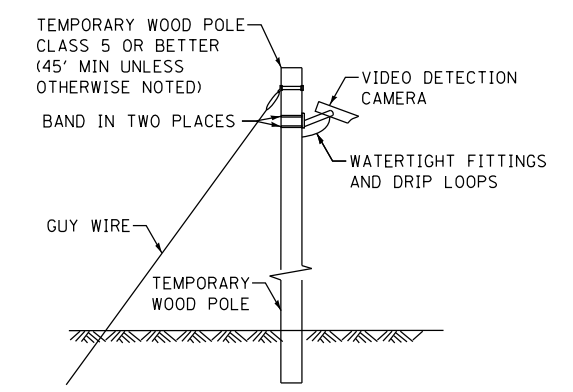
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9. CONTRACTOR HAS THE OPTION OF USING MICROWAVE DETECTORS OR CAMERAS.
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- LEGEND**
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER)
 - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
 - TEMPORARY SIGNAL HEAD
 - TEMPORARY CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY
 - CONFIRMATION BEACON
 - VIDEO DETECTION CAMERA
 - VIDEO DETECTION ZONE
 - GUY WIRE
 - SIDEWALK GUY WIRE
 - SERVICE INSTALLATION
 - SIGN MOUNTED TO SPAN WIRE
 - WORK ZONE
 - RADIO COMMUNICATION



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

CONSTRUCTION NOTES:

- ① LANE CONFIGURATION AND VIDEO DETECTION ZONES DEPICTED ON THIS PLAN ARE FOR STAGE 1C
- ② PROVIDE R10-11b SIGN AT INDICATED LOCATIONS:



FILE NAME =	USER NAME = swilkinson	DESIGNED CCC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN IL 89, ADM ENTRANCE & BARTO BOAT LANDING ENTRANCE STAGE 1C			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D366A69-sht-IL89-TempTSP1an_StglC_03.dgn		DRAWN CCC	REVISED -		698	1 (BR)	PUTNAM/BUREAU	415	70			
#MODELNAME#	PLOT SCALE = 1"=20'	CHECKED MPM	REVISED -		CONTRACT NO. 66A69							
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -		ILLINOIS FED. AID PROJECT							

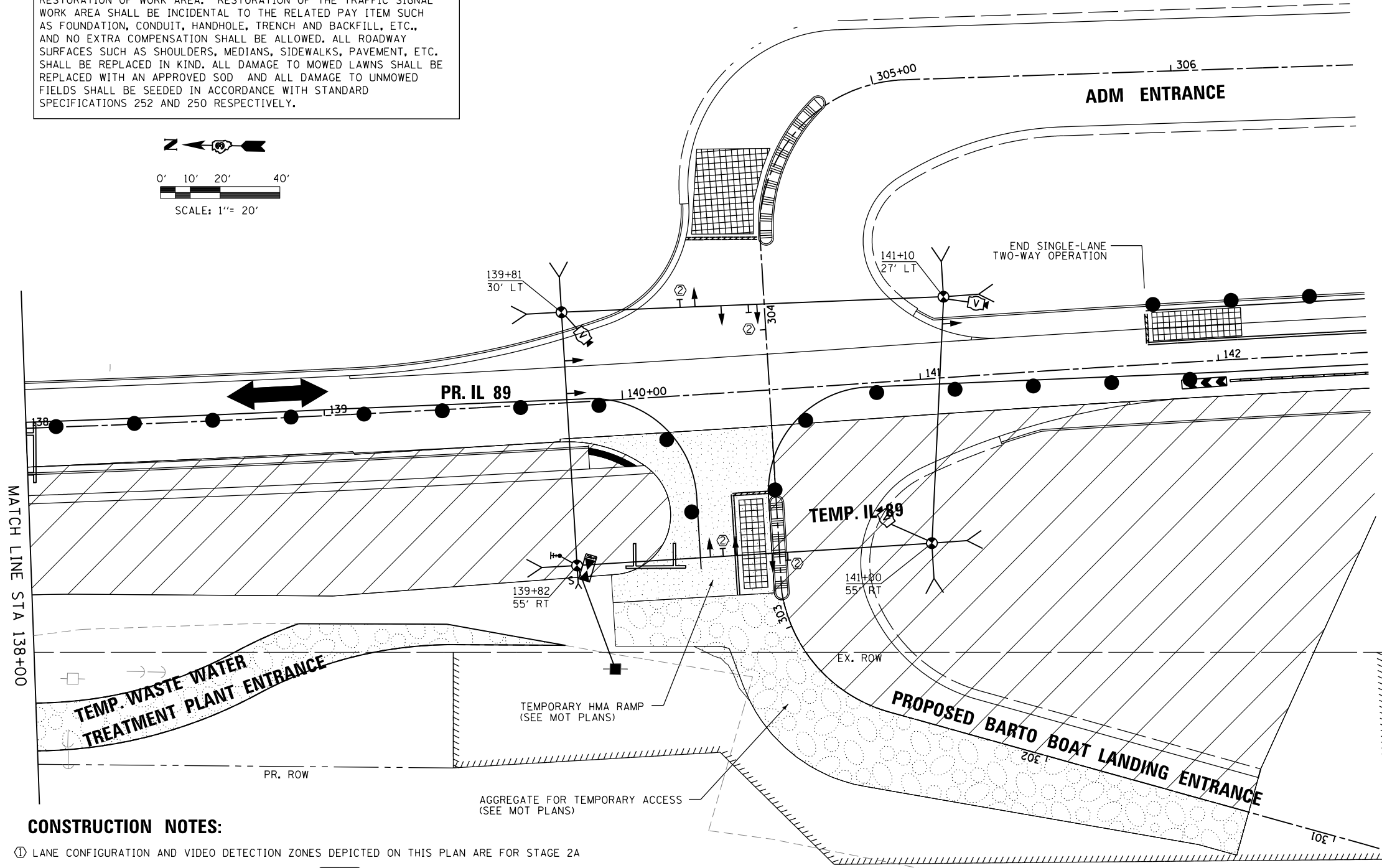
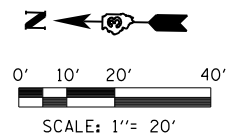
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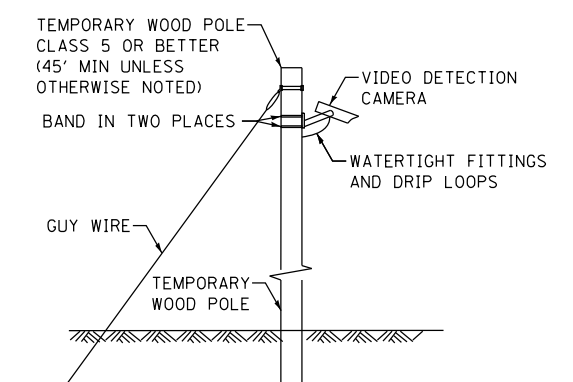
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LEGEND

- TEMPORARY WOOD POLE (CLASS 5 OR BETTER)
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SIGNAL HEAD
- TEMPORARY CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY
- CONFIRMATION BEACON
- VIDEO DETECTION CAMERA
- VIDEO DETECTION ZONE
- GUY WIRE
- SIDEWALK GUY WIRE
- SERVICE INSTALLATION
- SIGN MOUNTED TO SPAN WIRE
- WORK ZONE
- RADIO COMMUNICATION



CONSTRUCTION NOTES:

- ① LANE CONFIGURATION AND VIDEO DETECTION ZONES DEPICTED ON THIS PLAN ARE FOR STAGE 2A
- ② PROVIDE R10-11b SIGN AT INDICATED LOCATIONS:



FILE NAME =	USER NAME = swilkinson	DESIGNED CCC	REVISED -
... \D366A69-sht-IL89-TempTSP1an_Stg2A_04.dgn		DRAWN CCC	REVISED -
	PLOT SCALE = 1"=20'	CHECKED MPM	REVISED -
#MODELNAME#	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

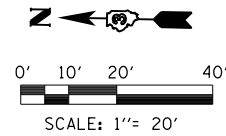
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN			
IL 89, ADM ENTRANCE & BARTO BOAT LANDING ENTRANCE			
STAGE 2A			
SCALE: 1"=20'	SHEET 4	OF 7 SHEETS	STA. 138+00 TO STA. 142+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	71
			CONTRACT NO. 66A69	
ILLINOIS FED. AID PROJECT				

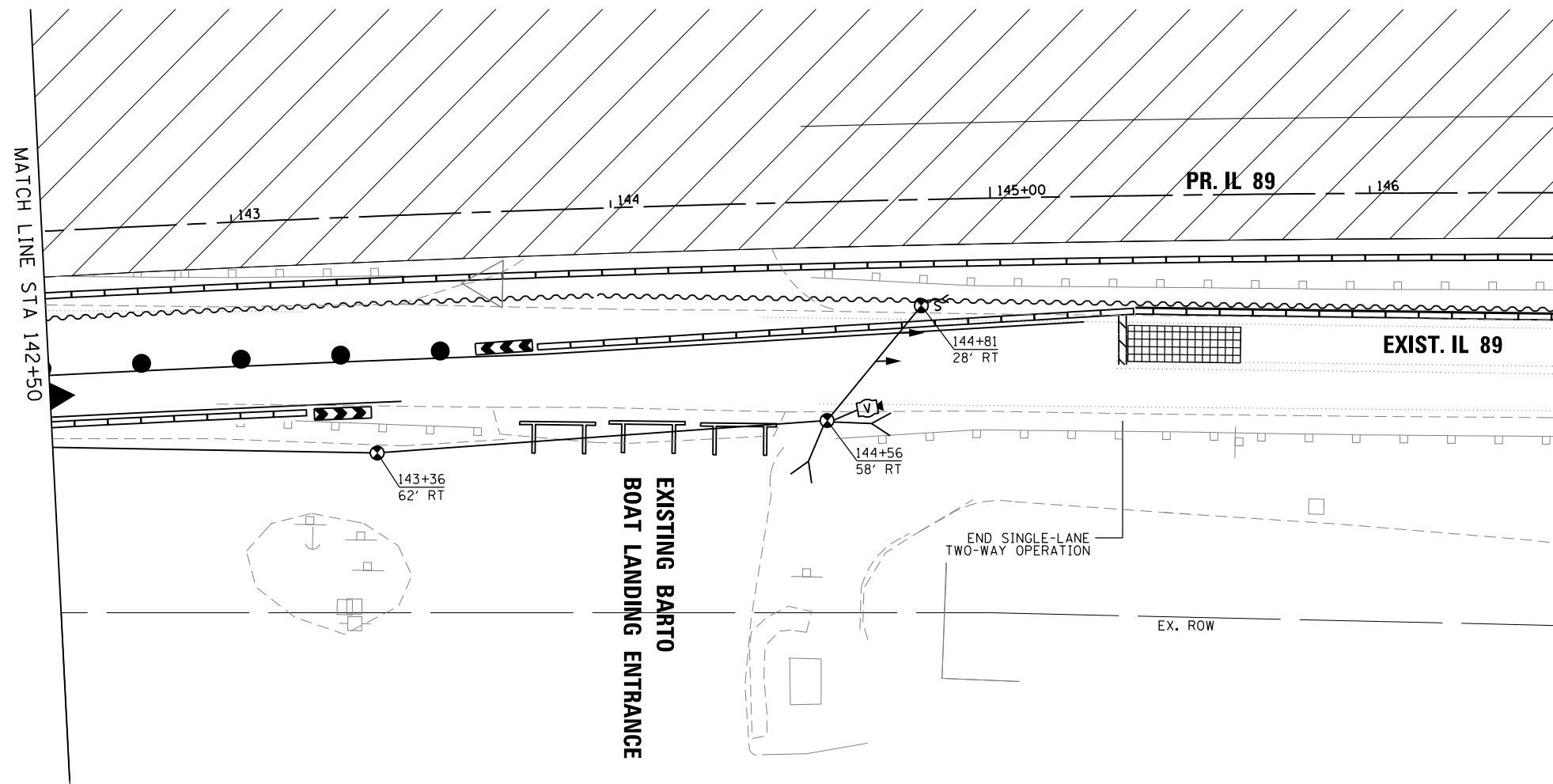
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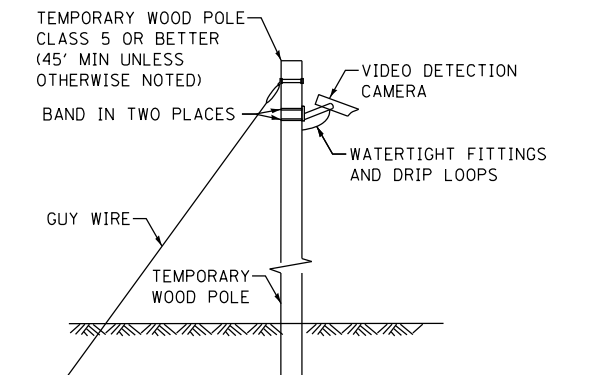


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LEGEND

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- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
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- WORK ZONE
- RADIO COMMUNICATION



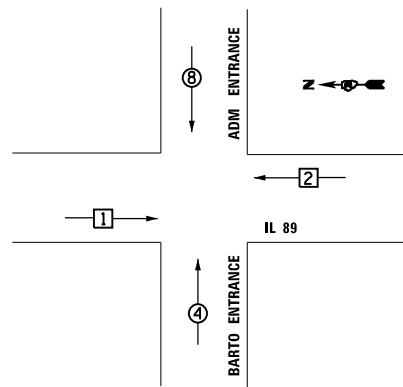
TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

CONSTRUCTION NOTES:

1. LANE CONFIGURATION AND TRAFFIC CONTROL DEVICES ARE SHOWN FOR STAGE 1B. PROPOSED TEMPORARY SIGNAL EQUIPMENT DEPICTED ON THIS PLAN IS APPLICABLE TO STAGES 1B AND 1C.

FILE NAME =	USER NAME = swilkinson	DESIGNED CCC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN IL 89, ADM ENTRANCE & BARTO BOAT LANDING ENTRANCE STAGES 1B & 1C			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\0366A69-sht-IL89-TempTSP1an_South_05.dgn		DRAWN CCC	REVISED -		698	1 (BR)	PUTNAM/BUREAU	415	72			
#MODELNAME#	PLOT SCALE = 1"=20'	CHECKED MPM	REVISED -		SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 142+50 TO STA. 146+00			CONTRACT NO. 66A69				
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -		ILLINOIS FED. AID PROJECT							

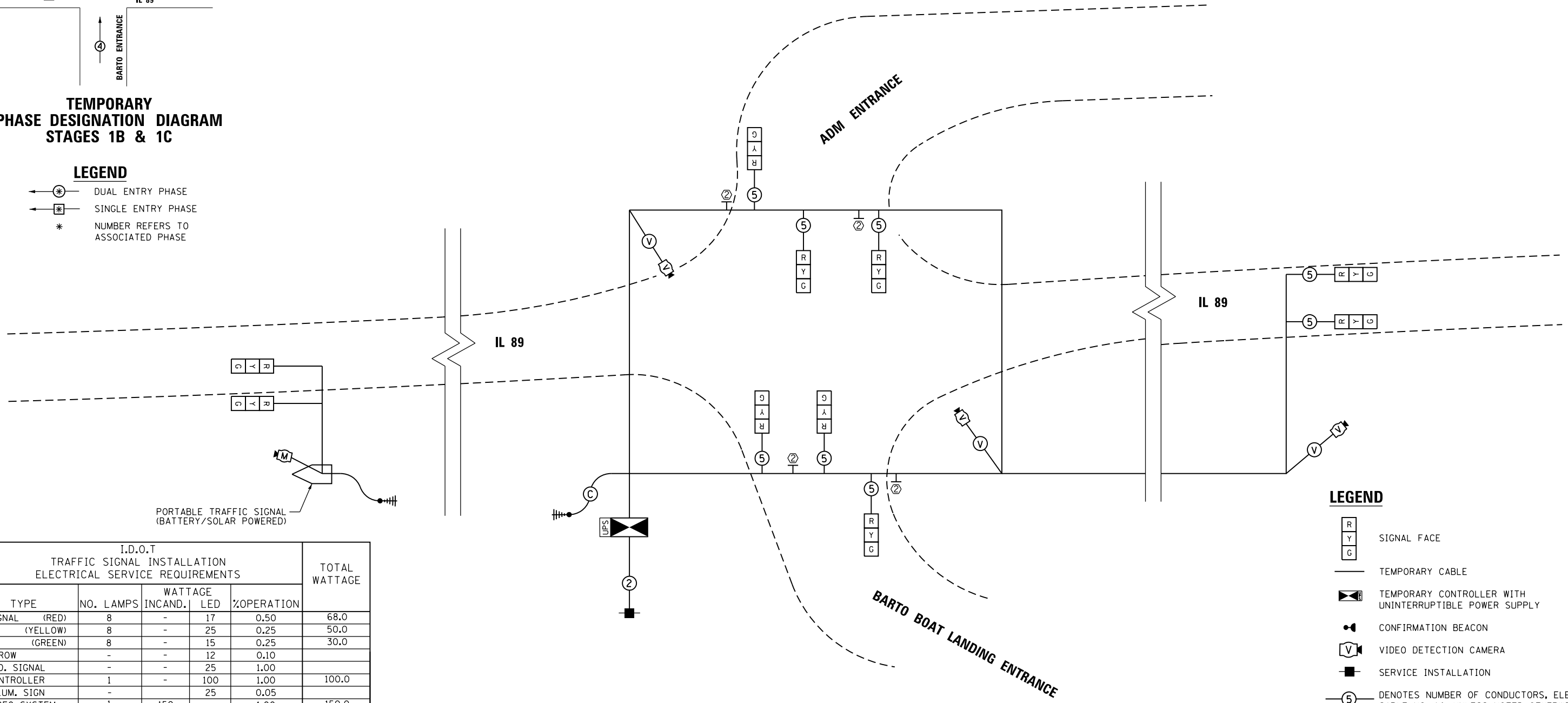
TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM STAGES 1B & 1C

LEGEND

- ← ⊛ ← DUAL ENTRY PHASE
- ← ⊛ ← SINGLE ENTRY PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE



RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOVED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOVED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PORTABLE TRAFFIC SIGNAL (BATTERY/SOLAR POWERED)

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	8	-	17	0.50	68.0
(YELLOW)	8	-	25	0.25	50.0
(GREEN)	8	-	15	0.25	30.0
ARROW	-	-	12	0.10	
PED. SIGNAL	-	-	25	1.00	
CONTROLLER	1	-	100	1.00	100.0
ILLUM. SIGN	-	-	25	0.05	
VIDEO SYSTEM	1	150	-	1.00	150.0
FLASHER				0.50	-
ENERGY COSTS TO: TOTAL =					398.0

I.D.O.T.
700 EAST NORRIS DRIVE
OTTAWA, ILLINOIS 61350-1628

ENERGY SUPPLY CONTACT: MR. TIM McTAGGART
PHONE: 815-224-6270
COMPANY: AMEREN ILLINOIS

LEGEND

- ⊛ SIGNAL FACE
- TEMPORARY CABLE
- ⊞ TEMPORARY CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY
- ⊛ CONFIRMATION BEACON
- ⊞ VIDEO DETECTION CAMERA
- ⊞ SERVICE INSTALLATION
- ⊞ DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE
- ⊞ VENDOR CABLE FOR CAMERA
- T SIGN
- ⊞ RADIO COMMUNICATOR
- ⊞ COAXIAL CABLE
- ⊞ MICROWAVE VEHICLE DETECTOR

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROGRAMING AS MANY DETECTION ZONES AS NEEDED TO PROVIDE PROPER VEHICLE DETECTION FOR THE ADM ENTRANCE AND BARTO ENTRANCE APPROACHES.
- ② PROVIDE R10-11b SIGN AT INDICATED LOCATIONS: **NO TURN ON RED**

TEMPORARY CABLE PLAN
(SCALE: NONE)

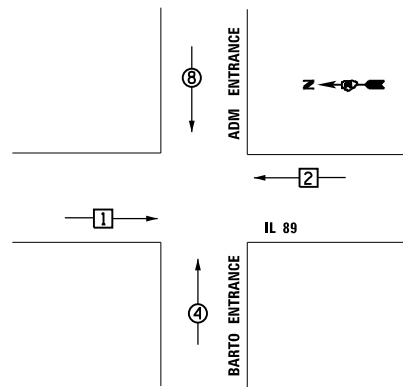
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE IL 89, ADM ENTRANCE AND BARTO ENTRANCE – STAGES 1B & 1C

FILE NAME =	USER NAME = swilkinson	DESIGNED CCC	REVISED -
...\\D366A69-sht-IL89-TempTSCable_Stg1B&1C.dgn		DRAWN CCC	REVISED -
MODELNAME	PLOT SCALE = NTS	CHECKED MPM	REVISED -
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	73
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

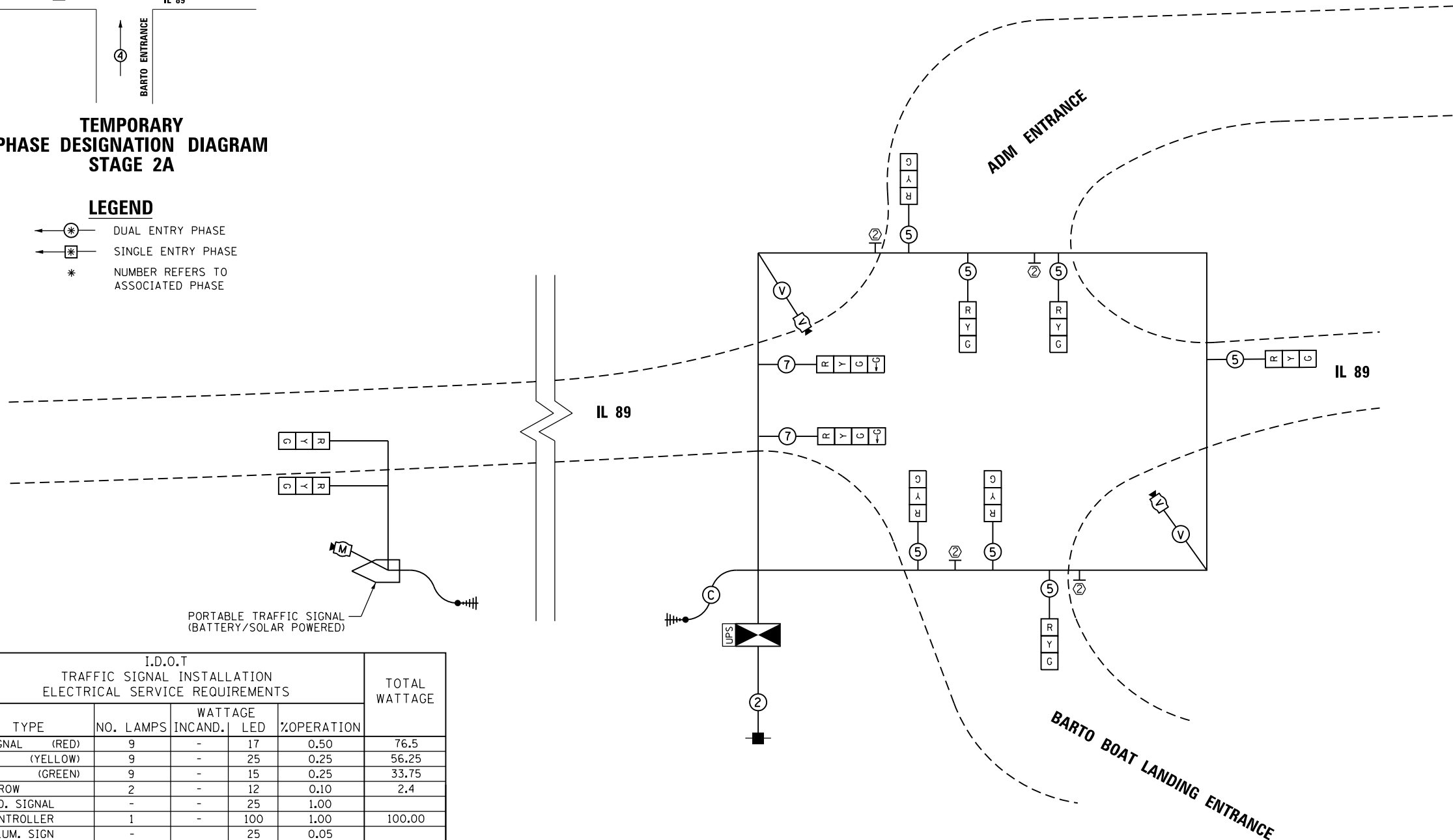
TEMPORARY CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM STAGE 2A

LEGEND

- ← ⊛ — DUAL ENTRY PHASE
- ← ⊛ — SINGLE ENTRY PHASE
- * — NUMBER REFERS TO ASSOCIATED PHASE



PORTABLE TRAFFIC SIGNAL (BATTERY/SOLAR POWERED)

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	9	-	17	0.50	76.5
(YELLOW)	9	-	25	0.25	56.25
(GREEN)	9	-	15	0.25	33.75
ARROW	2	-	12	0.10	2.4
PED. SIGNAL	-	-	25	1.00	
CONTROLLER	1	-	100	1.00	100.00
ILLUM. SIGN	-	-	25	0.05	
VIDEO SYSTEM	1	150	-	1.00	150.00
FLASHER				0.50	-
ENERGY COSTS TO: TOTAL =					368.9

I.D.O.T.
700 EAST NORRIS DRIVE
OTTAWA, ILLINOIS 61350-1628

ENERGY SUPPLY CONTACT: MR. TIM McTAGGART
PHONE: 815-224-6270
COMPANY: AMEREN ILLINOIS

TEMPORARY CABLE PLAN
(SCALE: NONE)

CONSTRUCTION NOTES:

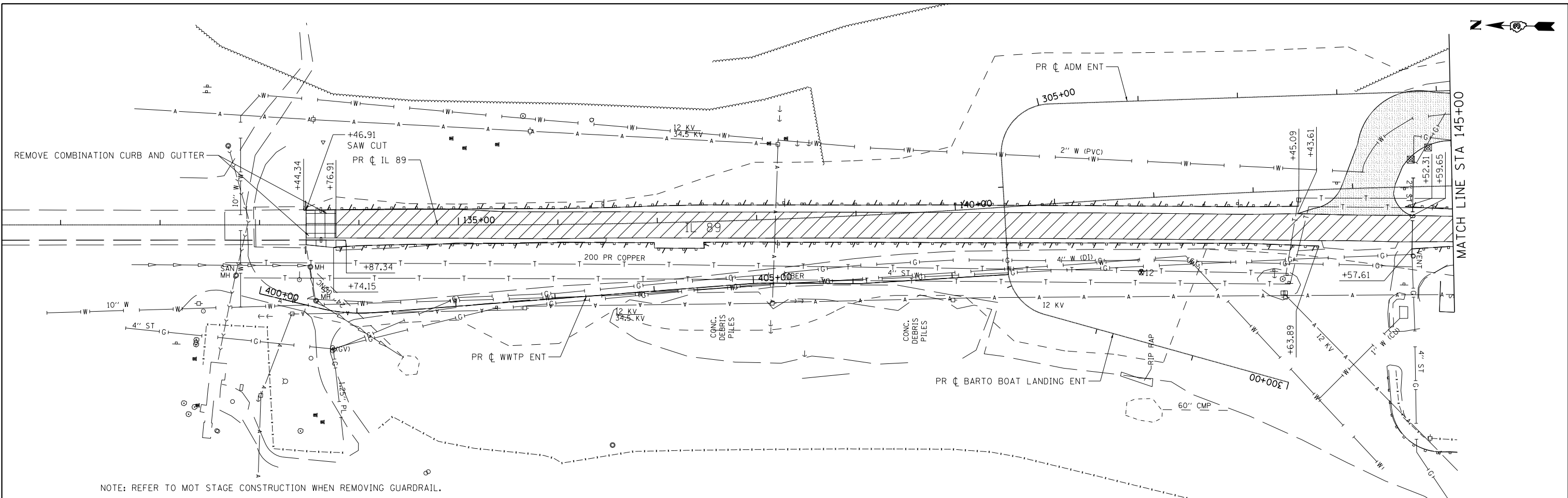
- ① THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROGRAMING AS MANY DETECTION ZONES AS NEEDED TO PROVIDE PROPER VEHICLE DETECTION FOR THE ADM ENTRANCE AND BARTO ENTRANCE APPROACHES.
- ② PROVIDE R10-11b SIGN AT INDICATED LOCATIONS:

**NO
TURN
ON RED**

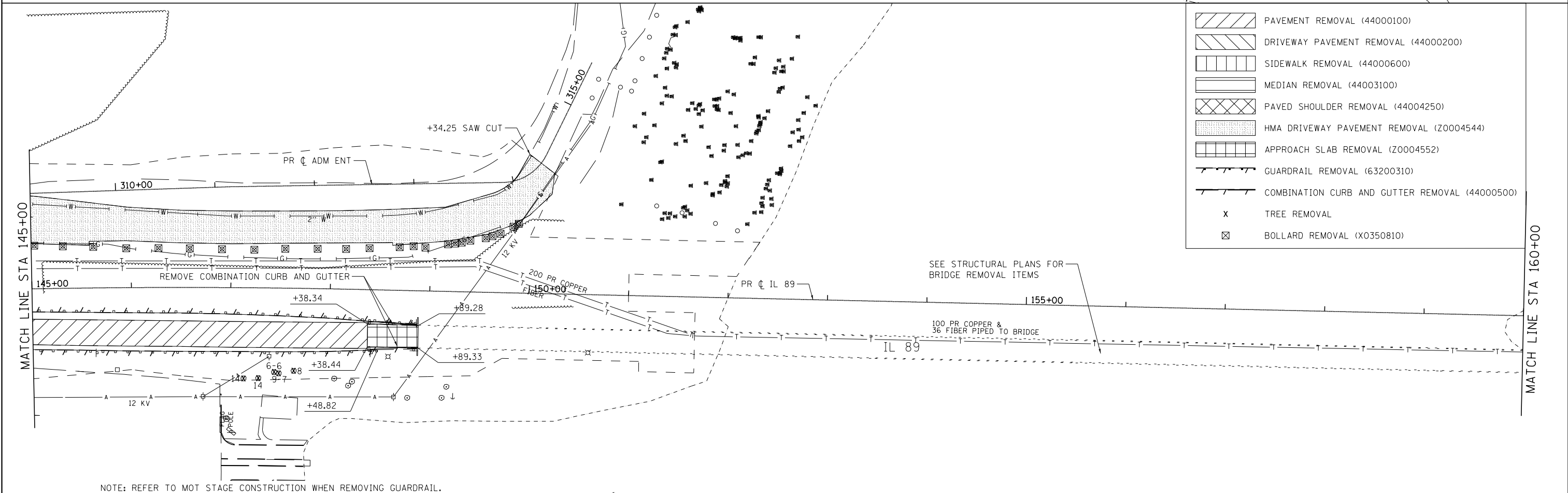
RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOVED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOVED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

LEGEND

- ⊞ — SIGNAL FACE
- — TEMPORARY CABLE
- ⊞ — TEMPORARY CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY
- ⊞ — CONFIRMATION BEACON
- ⊞ — VIDEO DETECTION CAMERA
- ⊞ — SERVICE INSTALLATION
- ⊞ — DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE
- ⊞ — VENDOR CABLE FOR CAMERA
- T — SIGN
- ⊞ — RADIO COMMUNICATOR
- ⊞ — COAXIAL CABLE
- ⊞ — MICROWAVE VEHICLE DETECTOR



NOTE: REFER TO MOT STAGE CONSTRUCTION WHEN REMOVING GUARDRAIL.



NOTE: REFER TO MOT STAGE CONSTRUCTION WHEN REMOVING GUARDRAIL.

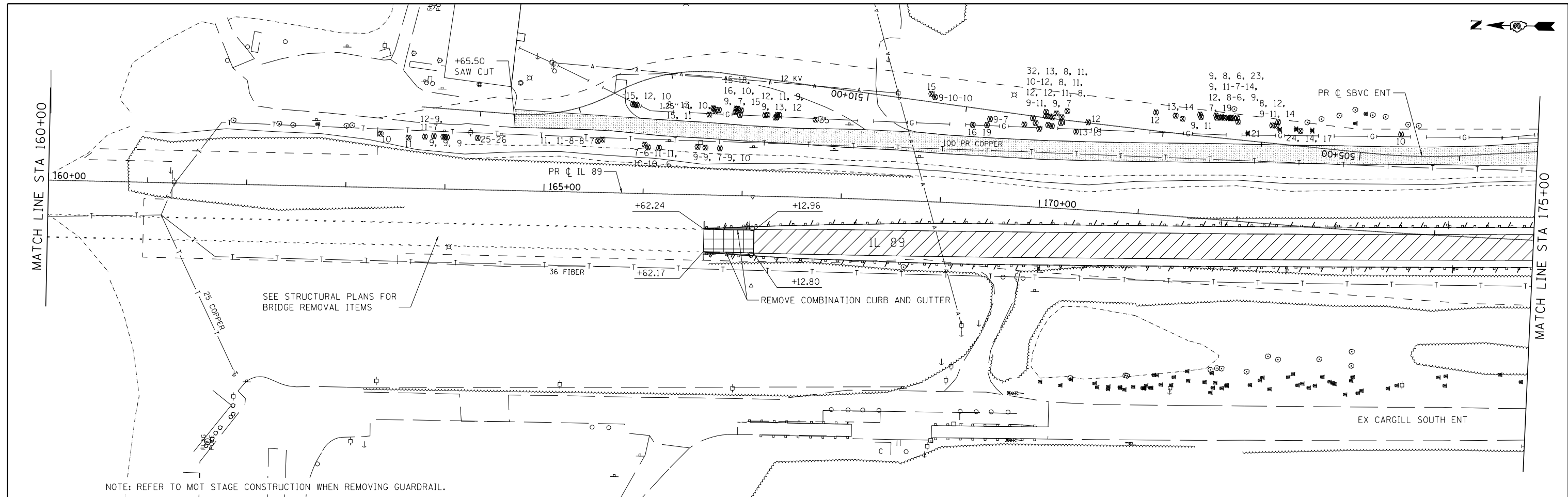
EFK•Moen, LLC
Civil Engineering Design

USER NAME = jrojas	DESIGNED - JH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - MW	REVISED -
PLOT DATE = 8/17/2015	CHECKED - PJK	REVISED -
	DATE - 8/7/2015	REVISED -

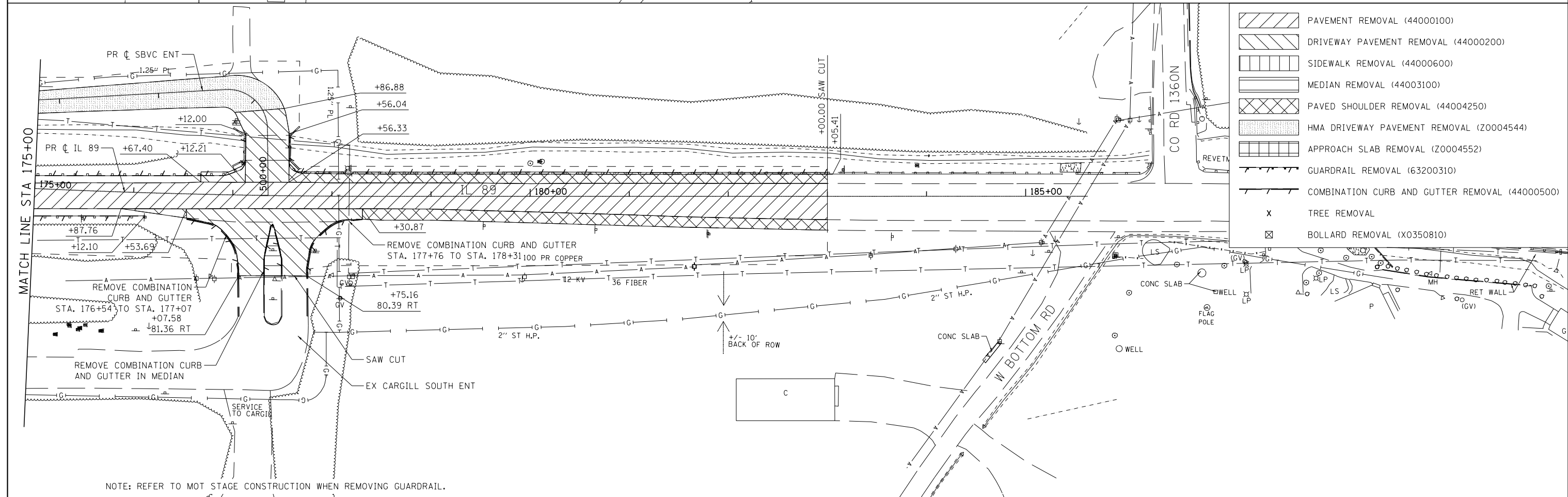
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL
SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 130+40.88 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	75
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				



NOTE: REFER TO MOT STAGE CONSTRUCTION WHEN REMOVING GUARDRAIL.



NOTE: REFER TO MOT STAGE CONSTRUCTION WHEN REMOVING GUARDRAIL.

- PAVEMENT REMOVAL (44000100)
- DRIVEWAY PAVEMENT REMOVAL (44000200)
- SIDEWALK REMOVAL (44000600)
- MEDIAN REMOVAL (44003100)
- PAVED SHOULDER REMOVAL (44004250)
- HMA DRIVEWAY PAVEMENT REMOVAL (Z0004544)
- APPROACH SLAB REMOVAL (Z0004552)
- GUARDRAIL REMOVAL (63200310)
- COMBINATION CURB AND GUTTER REMOVAL (44000500)
- TREE REMOVAL
- BOLLARD REMOVAL (X0350810)

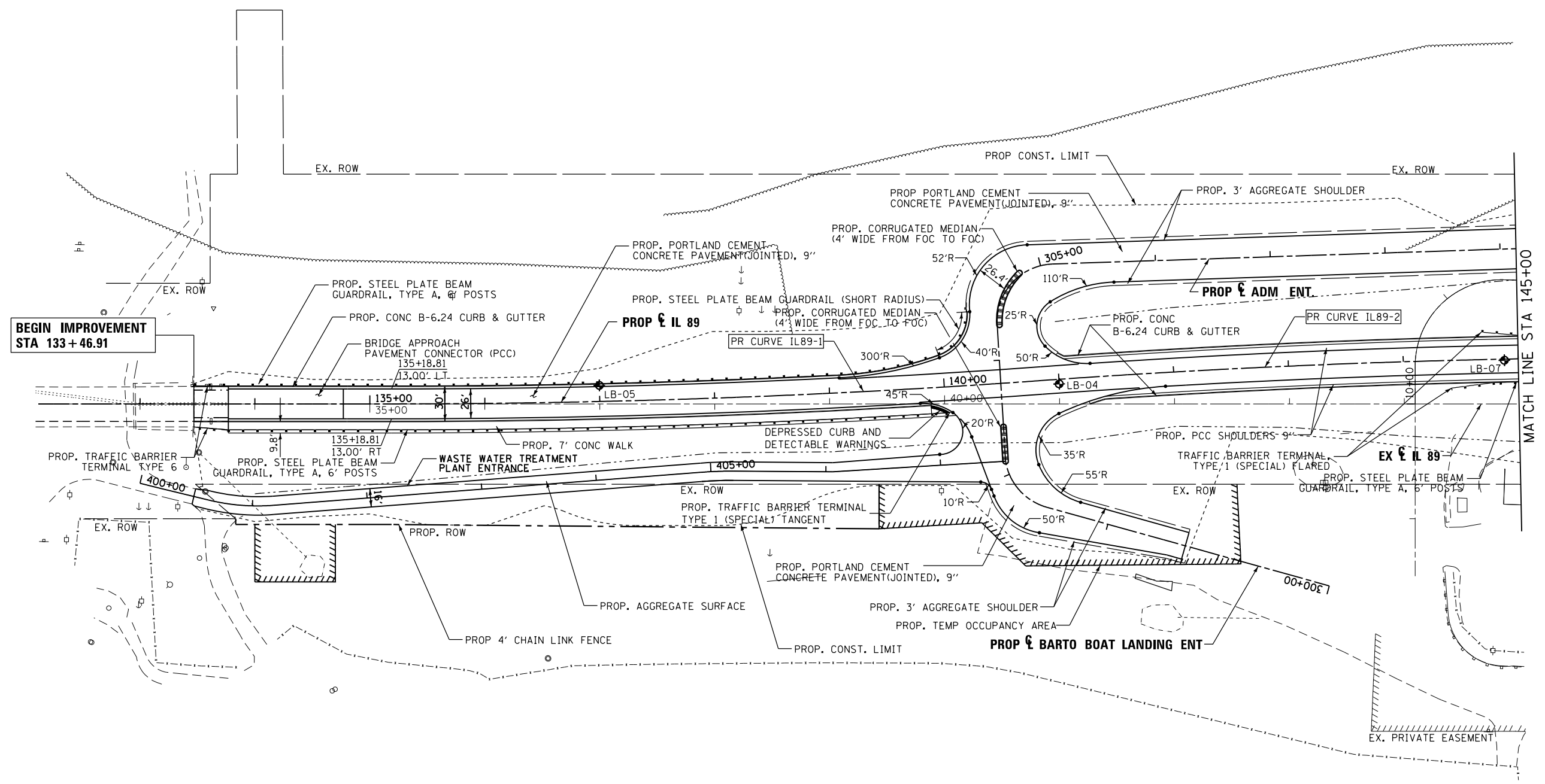
EFK Moen, LLC
Civil Engineering Design

USER NAME = jrojas	DESIGNED - JH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - MW	REVISED -
PLOT DATE = 8/17/2015	CHECKED - PJK	REVISED -
	DATE - 8/7/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL
SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 160+00.00 TO STA. 185+62.51

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	76
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

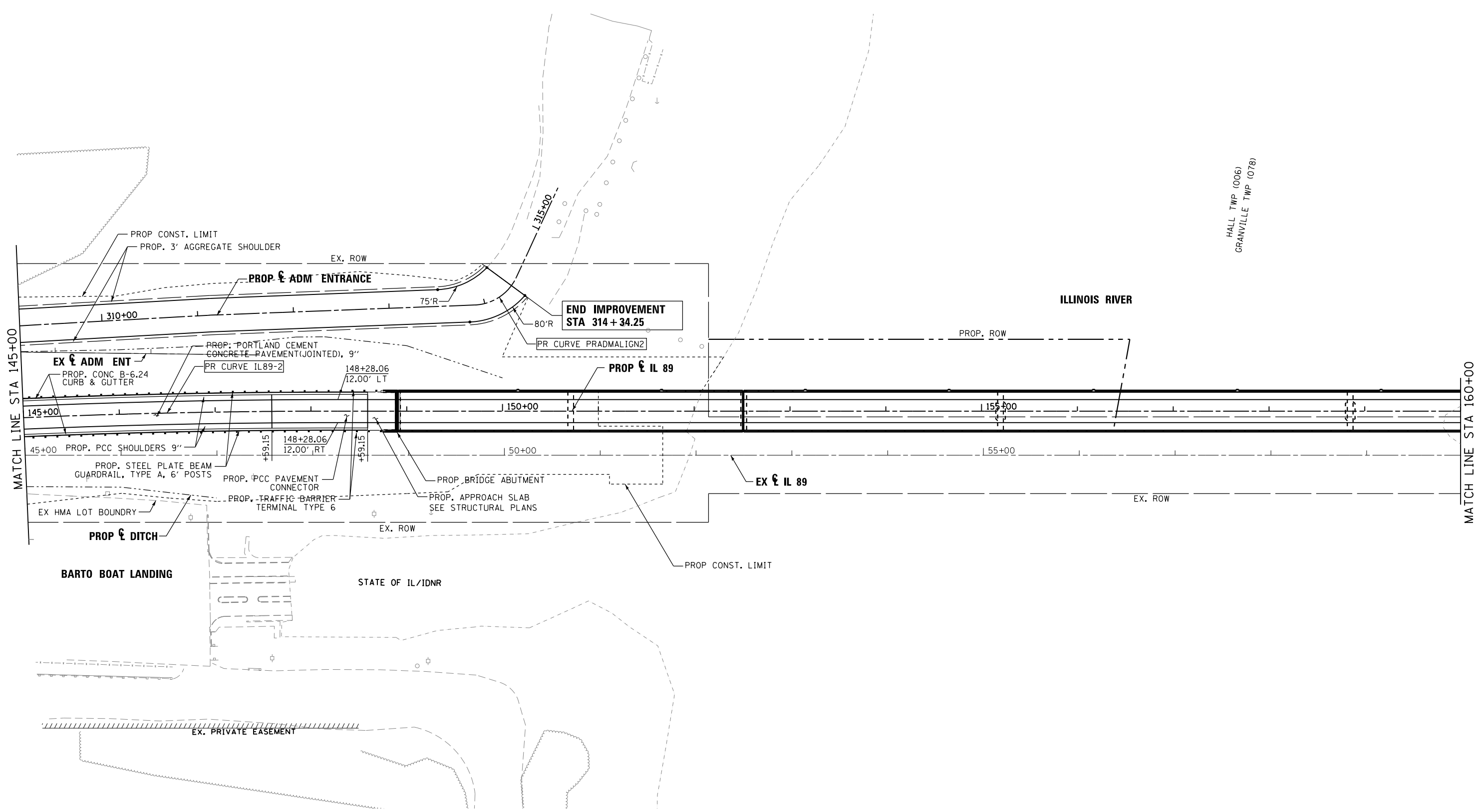


FILE NAME =	USER NAME = swilkenson	DESIGNED RJP	REVISED -
...\\D366A69-sht-IL89-Plan-01.dgn		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
#MODELNAME#	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN IL 89		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		698	1 (BR)	PUTNAM/BUREAU	415	77
SCALE: 1"=50'	SHEET 1	OF 10 SHEETS	STA. POB	TO STA. 145+00.00		

		CONTRACT NO. 66A69	ILLINOIS FED. AID PROJECT
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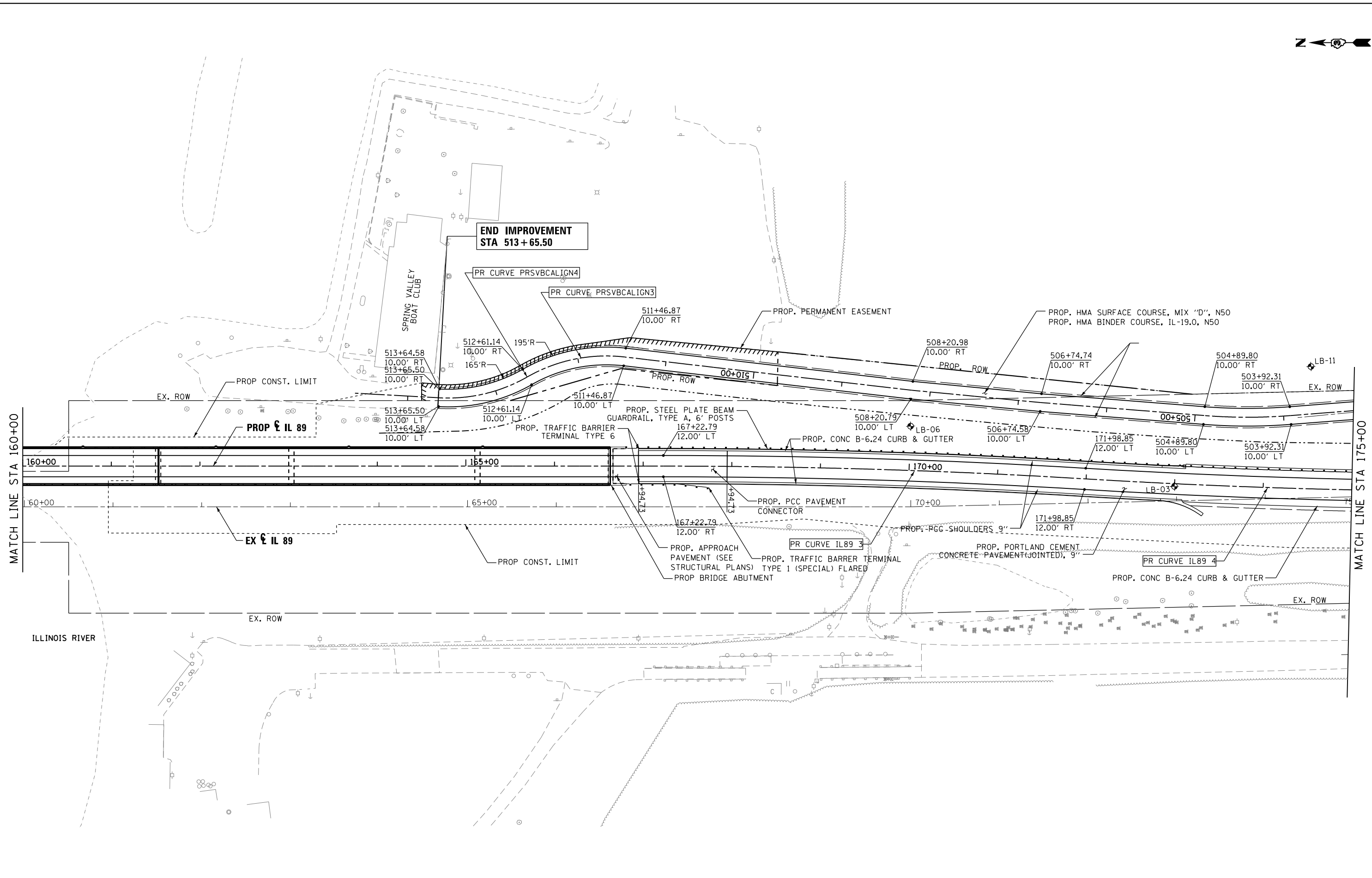
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#MODELNAME#	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
IL 89**

SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 145+00.00 TO STA. 160+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	78
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



FILE NAME =
 ...\\0366A69-sht-IL89-Plan-03.dgn
 #MODELNAME#

USER NAME = swilkinson
 PLOT SCALE = 1"=50'
 PLOT DATE = 8/6/2015

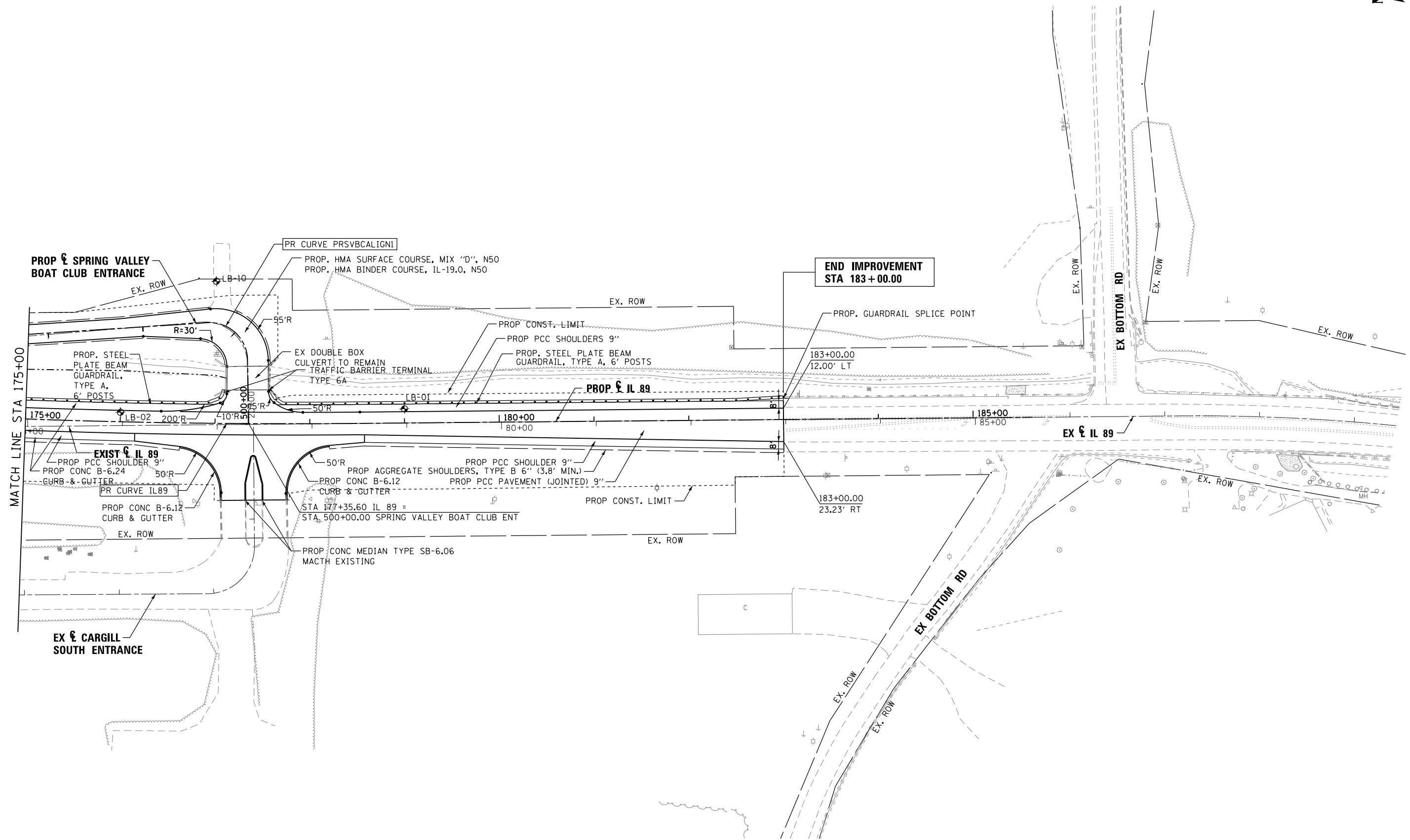
DESIGNED RJP
 DRAWN TMB
 CHECKED JNR
 DATE 8/10/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 IL 89**
 SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 160+00.00 TO STA. 175+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	79
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



FILE NAME = ...D366A69-sht-IL89-Plan-04.dgn	USER NAME = swilkinson	DESIGNED RJP	REVISED -
		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

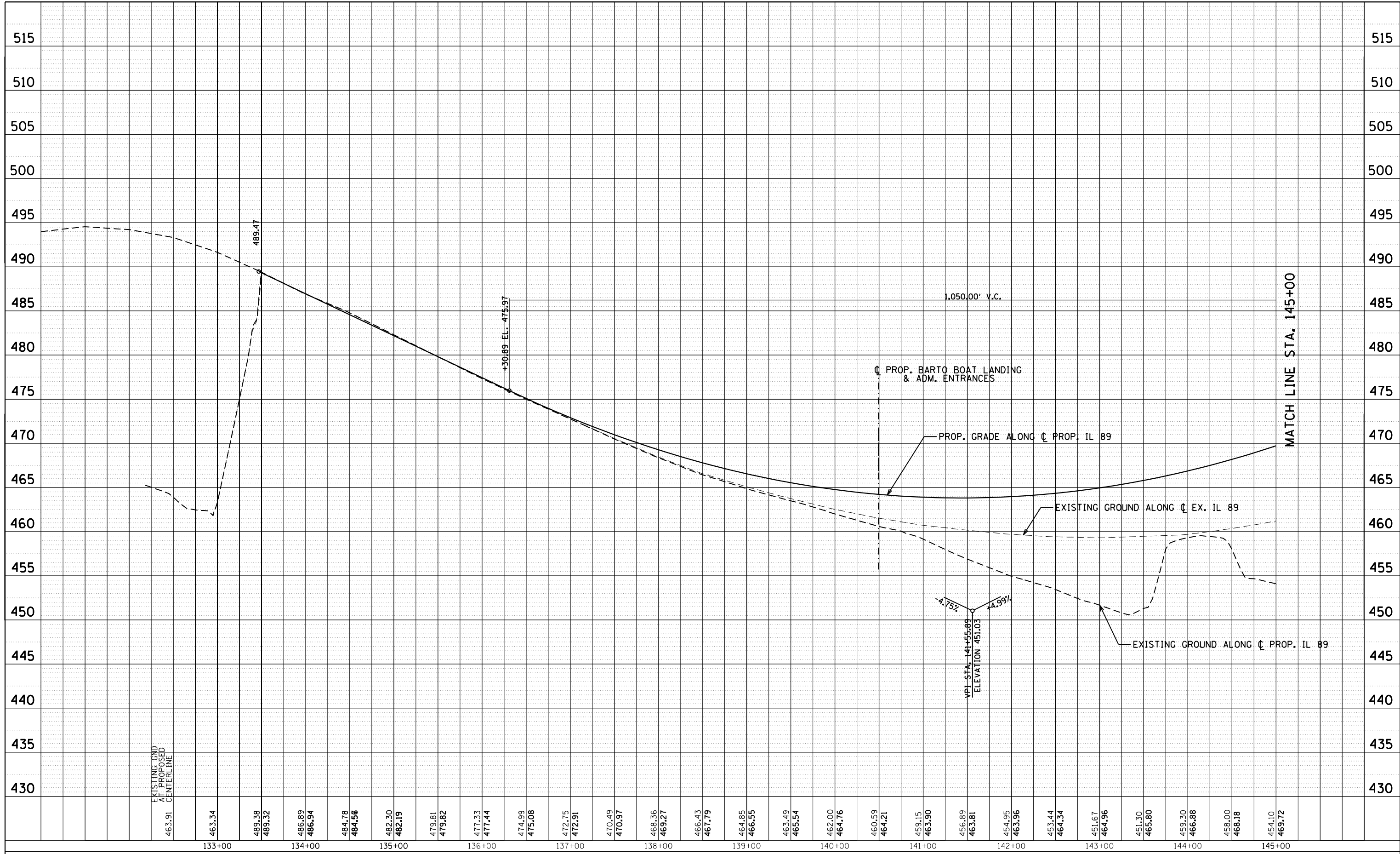
**ROADWAY PLAN
IL 89**

SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 175+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	80
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK NO.		
	ALIGNED		
	CHECKED		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		



FILE NAME =	USER NAME = swilkerson	DESIGNED RJP	REVISED -
... \D366A69-sh1-IL89-Prof-01.dgn		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
\$MODELNAME\$	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

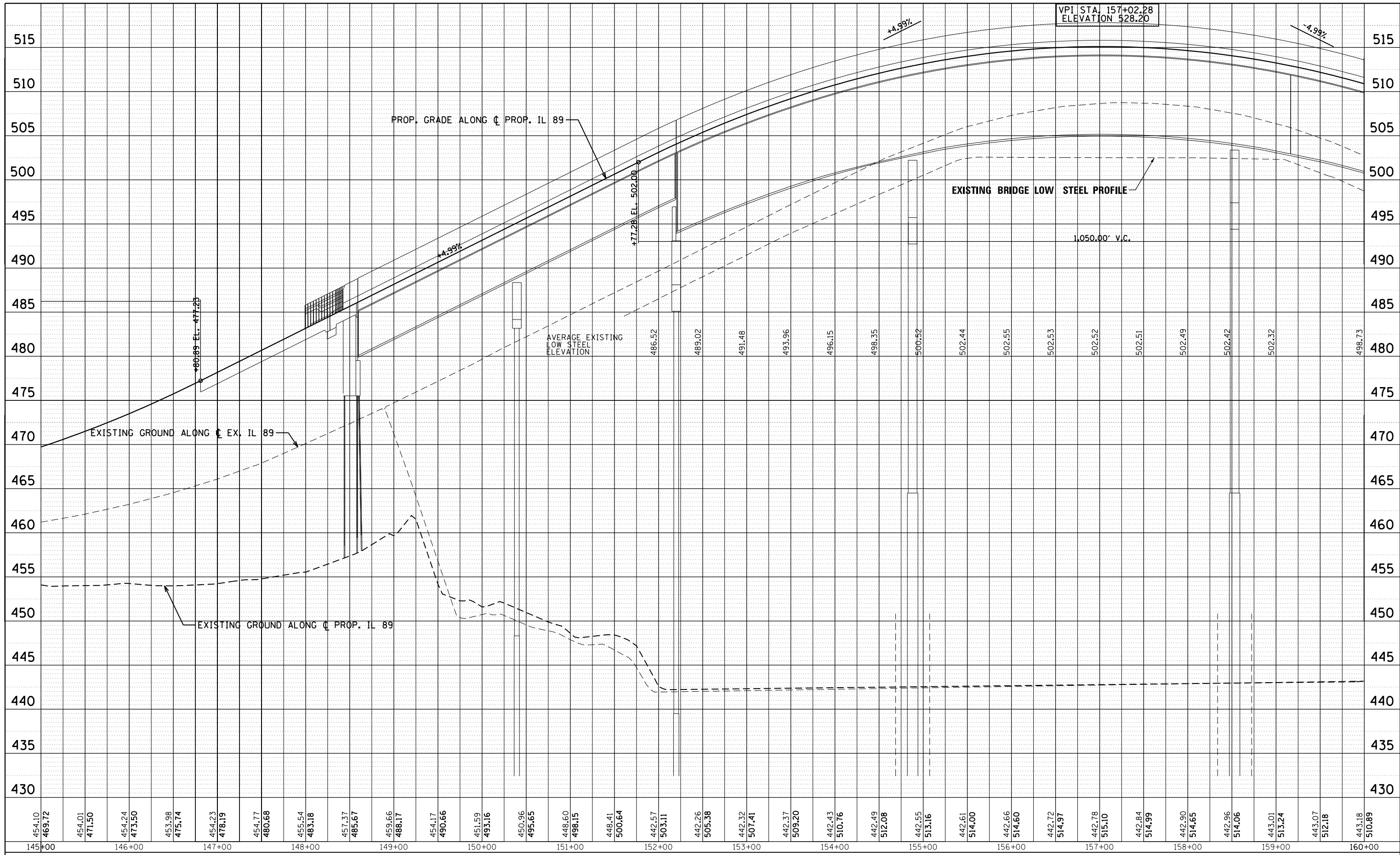
**ROADWAY PROFILE
IL 89**

SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. POB TO STA. 145+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	81
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		
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 #MODELNAME\$

USER NAME = swilkson
 PLOT SCALE = 1"=50'
 PLOT DATE = 8/6/2015

DESIGNED RJP
 DRAWN TMB
 CHECKED JNR
 DATE 8/10/2015

REVISED -
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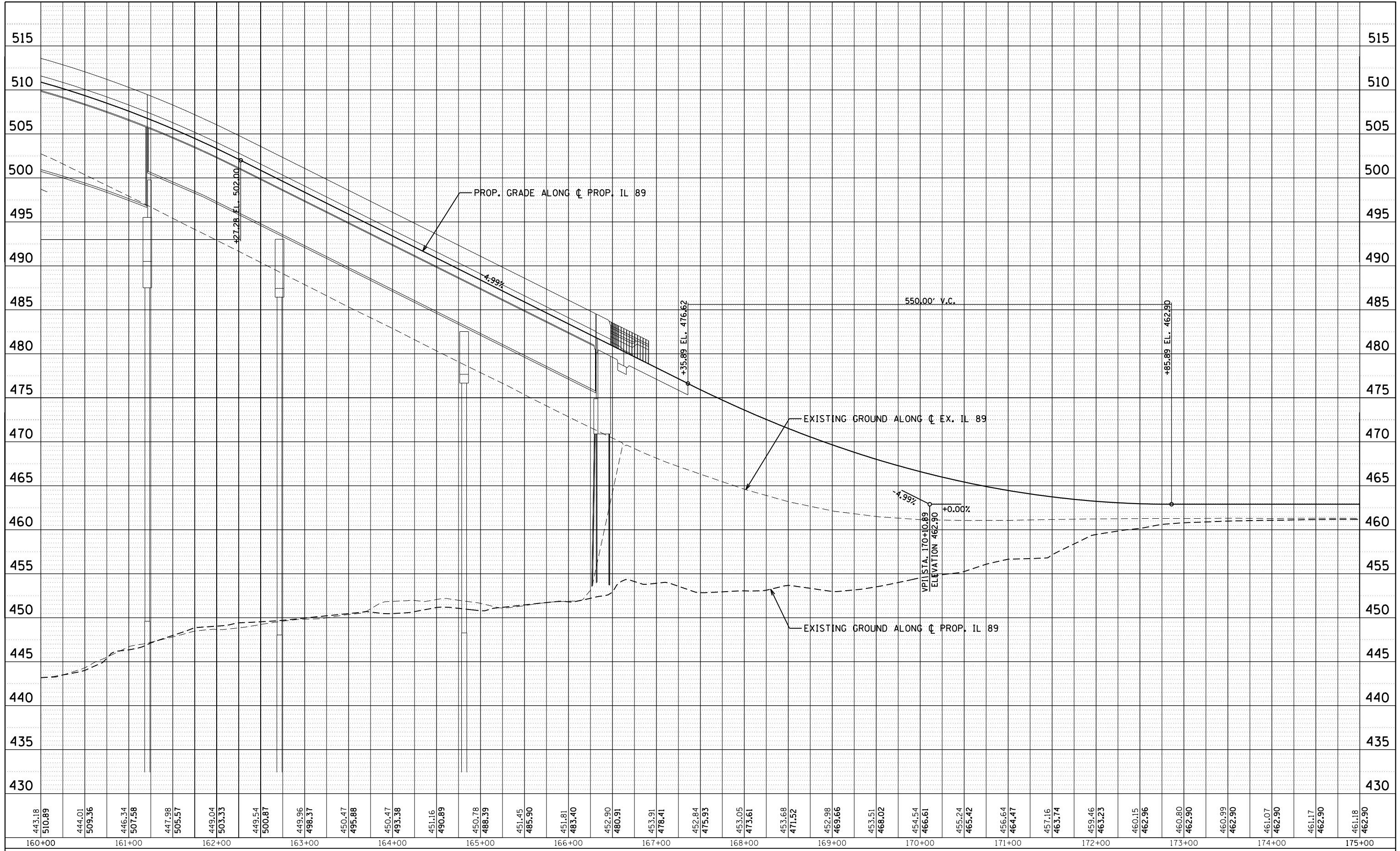
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PROFILE
IL 89
 SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 145+00.00 TO STA. 160+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	82
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DESIGNED	
	BY	
	NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	



443.18	444.01	446.34	447.98	449.04	449.54	449.96	450.47	450.47	451.16	450.78	451.45	451.81	452.90	453.91	452.84	453.05	453.68	452.98	453.51	454.54	455.24	456.64	457.16	459.46	460.15	460.80	460.99	461.07	461.17	461.18		
510.89	509.36	507.58	505.57	503.33	500.87	498.37	495.88	493.38	490.89	488.39	485.90	483.40	480.91	478.41	475.93	473.61	471.52	469.66	468.02	466.61	465.42	464.47	463.74	463.23	462.96	462.90	462.90	462.90	462.90	462.90	462.90	
160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00	168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00																	

FILE NAME =	USER NAME = swilkerson	DESIGNED RJP	REVISED -
... \D366A69-sh1-IL89-Prof-03.dgn		DRAWN TMB	REVISED -
	PLOT SCALE = 1"=50'	CHECKED JNR	REVISED -
\$MODELNAME\$	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PROFILE			
IL 89			
SCALE: 1"=50'	SHEET 7	OF 10 SHEETS	STA. 160+00.00 TO STA. 175+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	83
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

520

520

515

515

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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	

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+00		176+00		177+00		178+00		179+00		180+00		181+00		182+00		183+00																						

PROP. GRADE ALONG C PROP. IL 89

EXISTING GROUND ALONG C PROP. & EX. IL 89

150.00' V.C.

+45.00 EL. 462.90

+0.00%

VPI STA. 181+20.00
ELEVATION 462.90

+1.21%

+95.00 EL. 463.81

465.09

FILE NAME =	USER NAME = swilkerson	DESIGNED RJP	REVISED -
...\\D366A69-sht-IL89-Prof-04.dgn		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

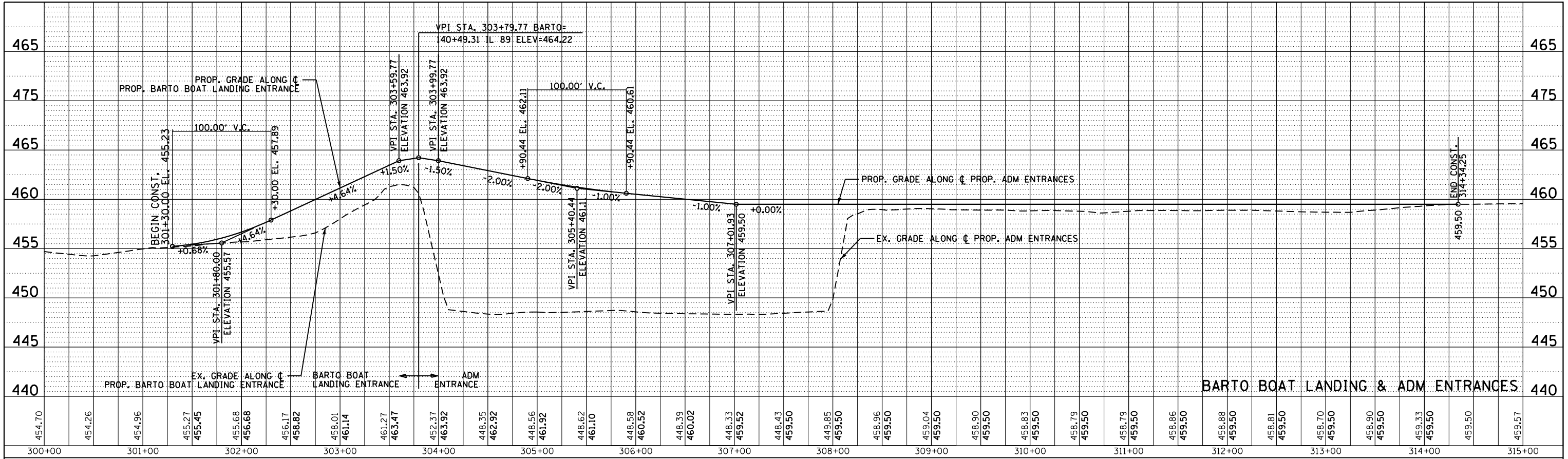
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PROFILE
IL 89**

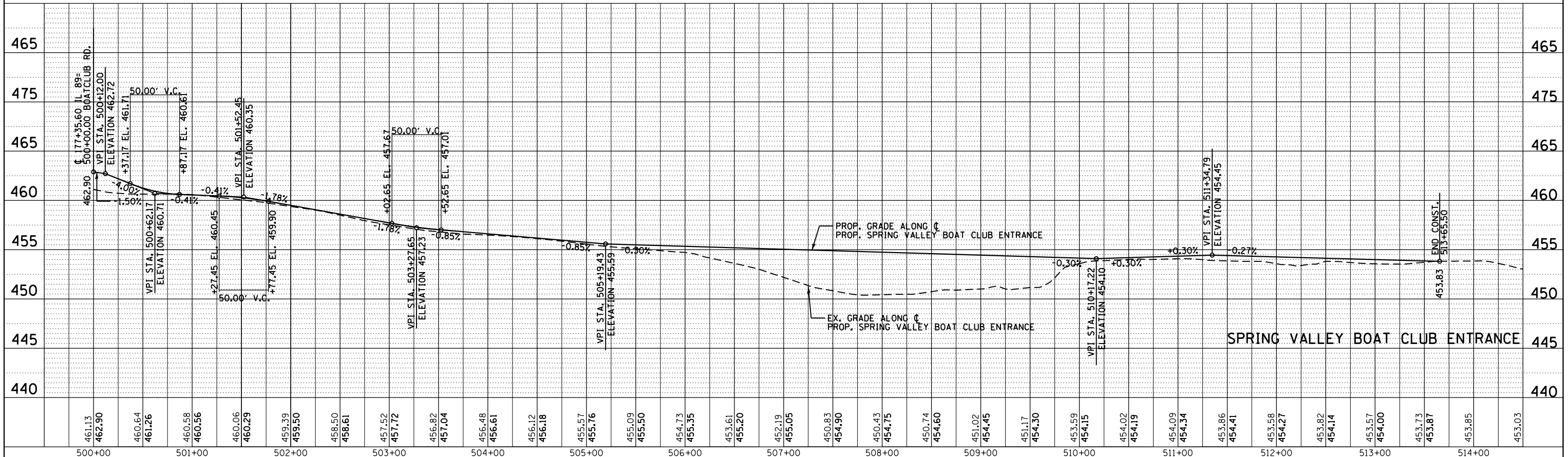
SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 175+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	84
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		
	NO.		



FILE NAME = ...\\D366A69-sht-Entrances-Prof-01.dgn

USER NAME = swinkson
 PLOT SCALE = 1"=50'
 PLOT DATE = 8/6/2015

DESIGNED RJP
 DRAWN TMB
 CHECKED JNR
 DATE 8/10/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

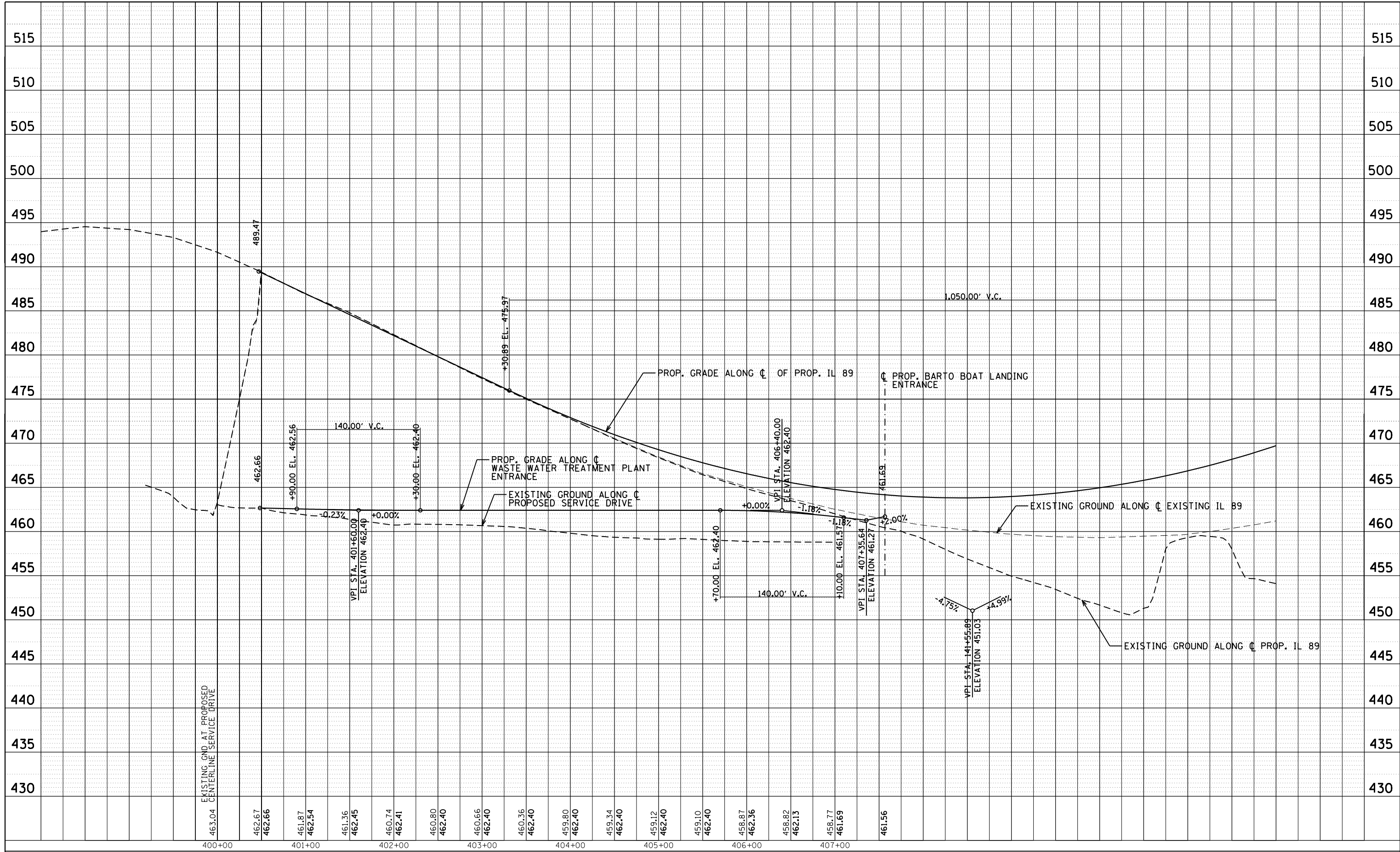
ROADWAY PROFILE
 BARTO BOAT /ADM /SVBC ENT.

SCALE: 1"=50' SHEET NO. OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	85
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK NO.		
	ALIGNED		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		



FILE NAME = ...\\D366A69-sht-Entrances-Prof-02.dgn

USER NAME = swikinson
 PLOT SCALE = 1"=50'
 PLOT DATE = 8/6/2015

DESIGNED -
 DRAWN -
 CHECKED -
 DATE 8/10/2015

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PROFILE
 WASTEWATER TREATMENT PLANT SERVICE DRIVE**

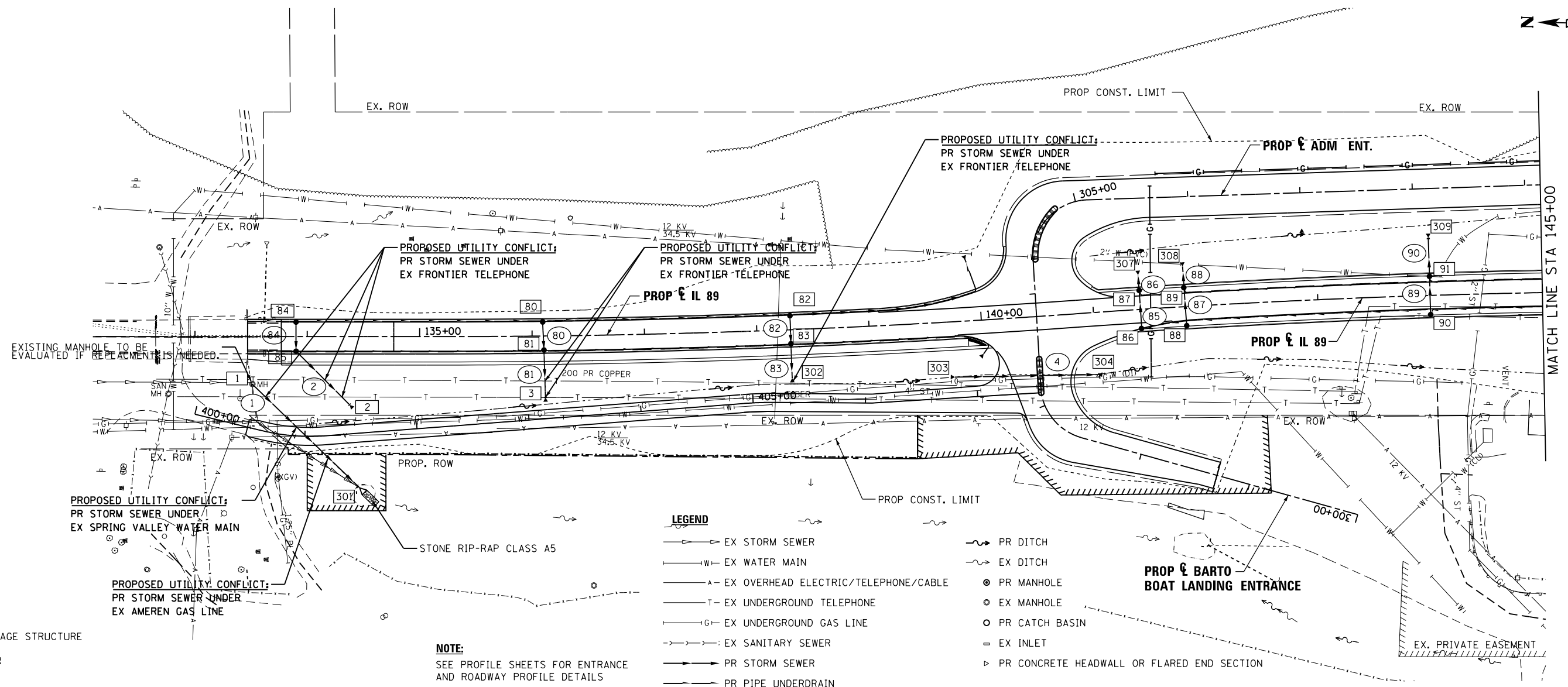
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	86
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

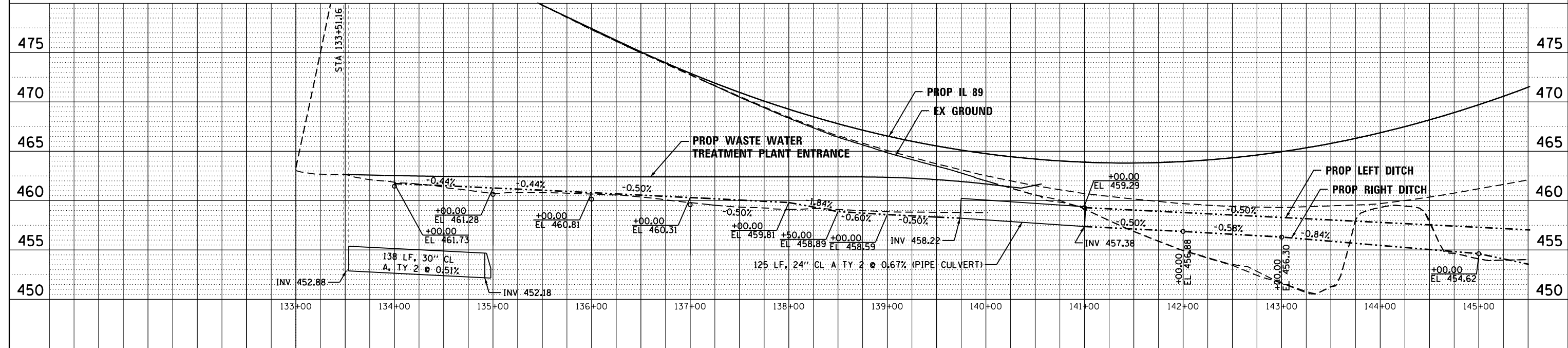


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	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
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	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	



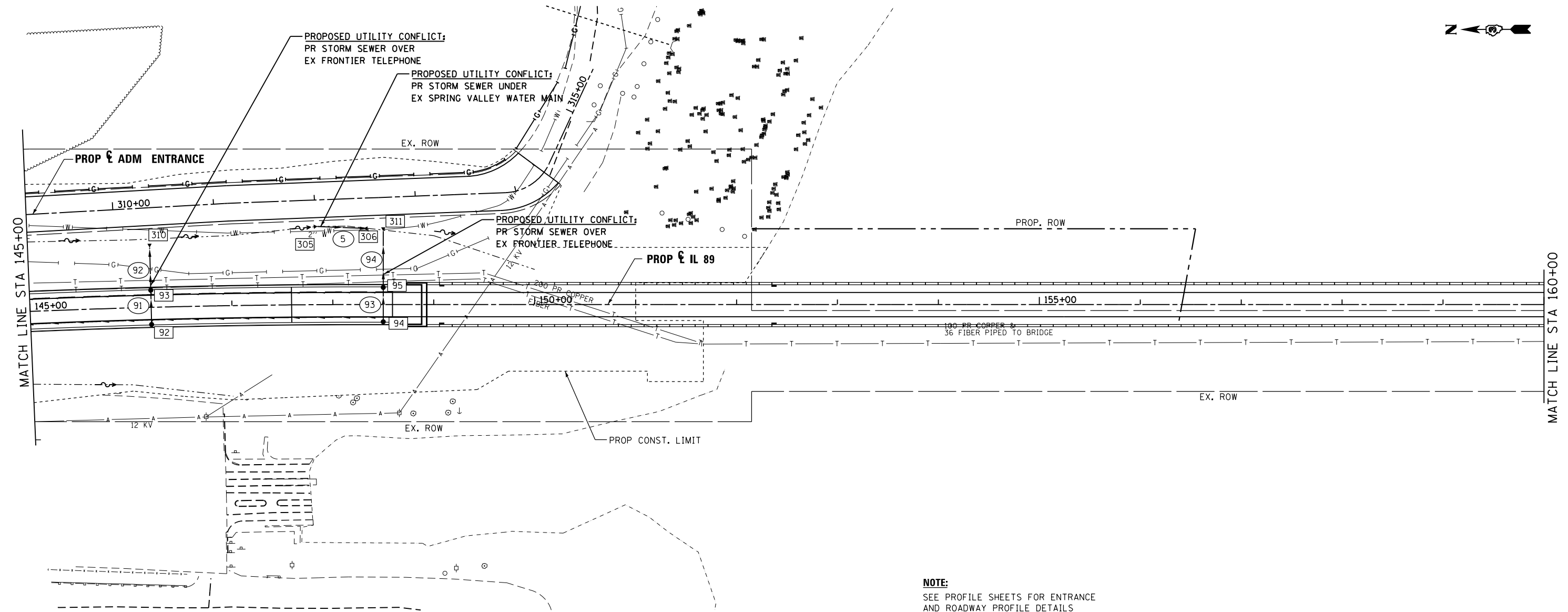
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 XX PROPOSED SEWER



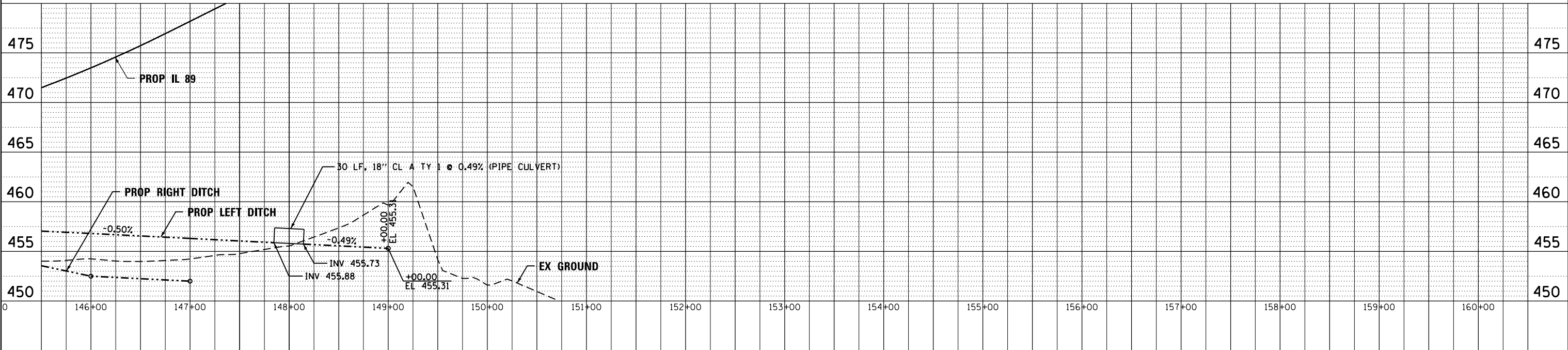
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PLOT SCALE = 1"=50'	CHECKED - JNR	DRAWN - TMB	REVISED -		IL 89			CONTRACT NO. 66A69				
PLOT DATE = 8/6/2015	DATE - 8/6/2015	REVISOR -	REVISED -		SCALE: 1"=50'							
					SHEET 1 OF 4 SHEETS							

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		



NOTE:
SEE PROFILE SHEETS FOR ENTRANCE
AND ROADWAY PROFILE DETAILS



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PLOT DATE = 8/6/2015

DESIGNED - SEW
DRAWN - TMB
CHECKED - JNR
DATE - 8/6/2015

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

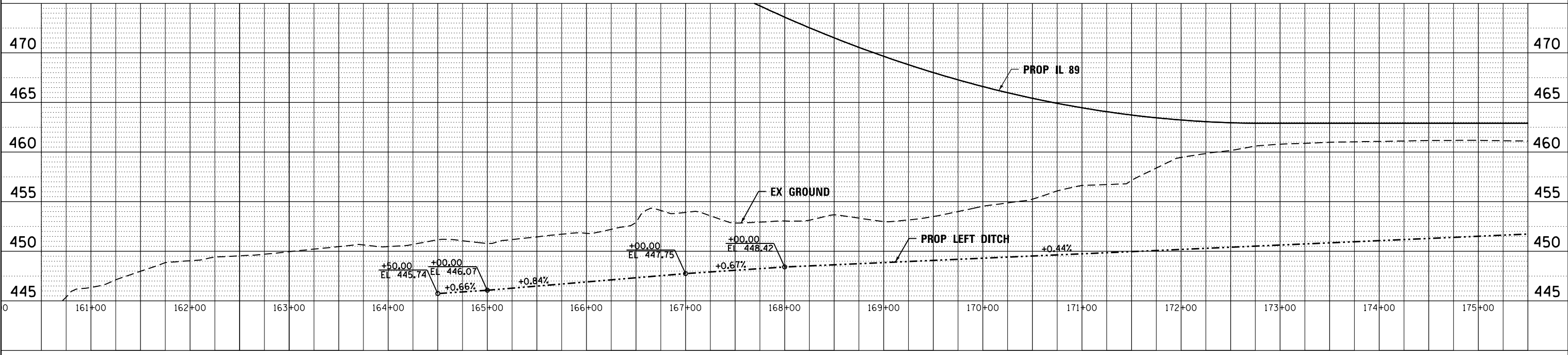
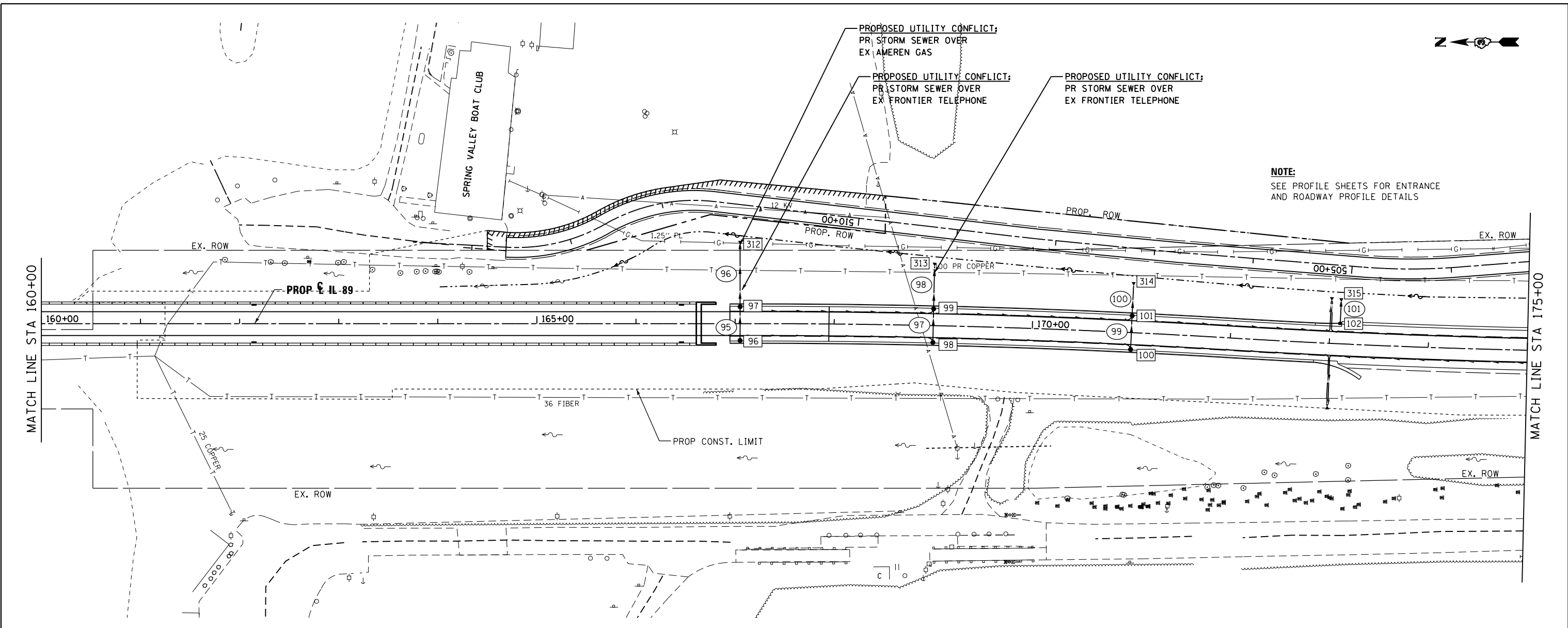
**DRAINAGE AND UTILITY PLAN AND PROFILE
IL 89**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 145+00.00 TO STA. 160+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	88
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
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	NOTATIONS	
	CHPND	
	NO.	

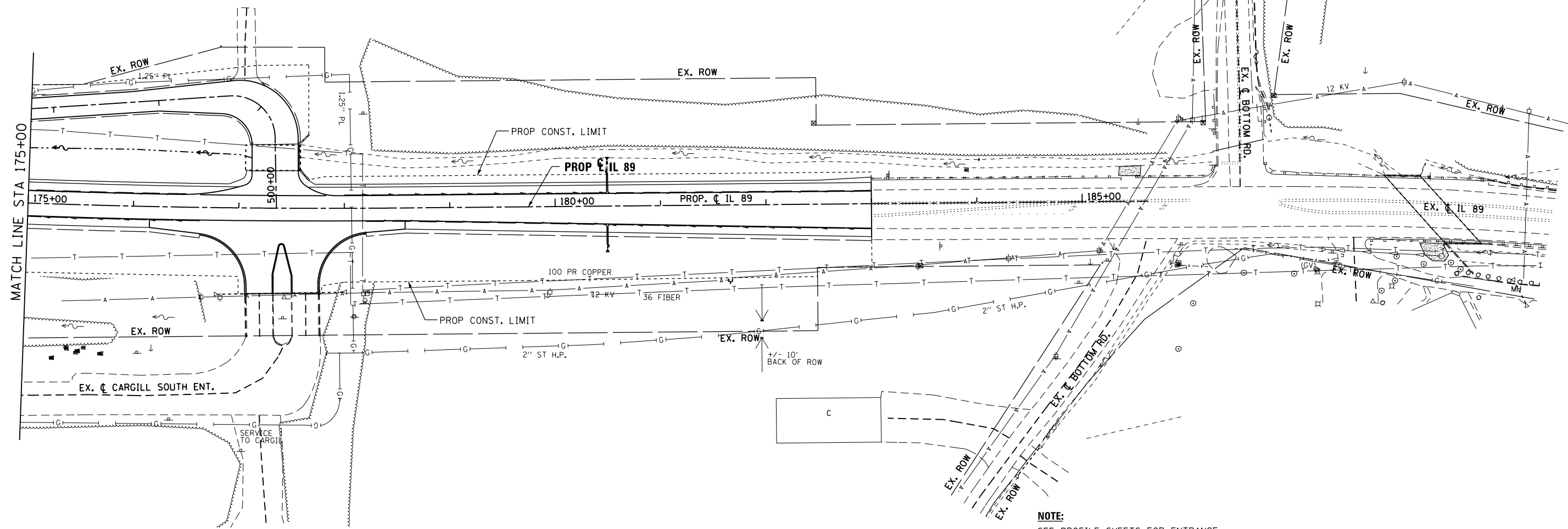


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MODELNAME*	PLOT SCALE = 1"=50'	CHECKED - JNR	REVISED -		SCALE: 1"=50'	SHEET 3	OF 4	SHEETS	STA. 160+00.00	TO STA. 175+00.00	CONTRACT NO. 66A69		
	PLOT DATE = 8/6/2015	DATE = 8/6/2015	REVISED -		ILLINOIS FED. AID PROJECT								

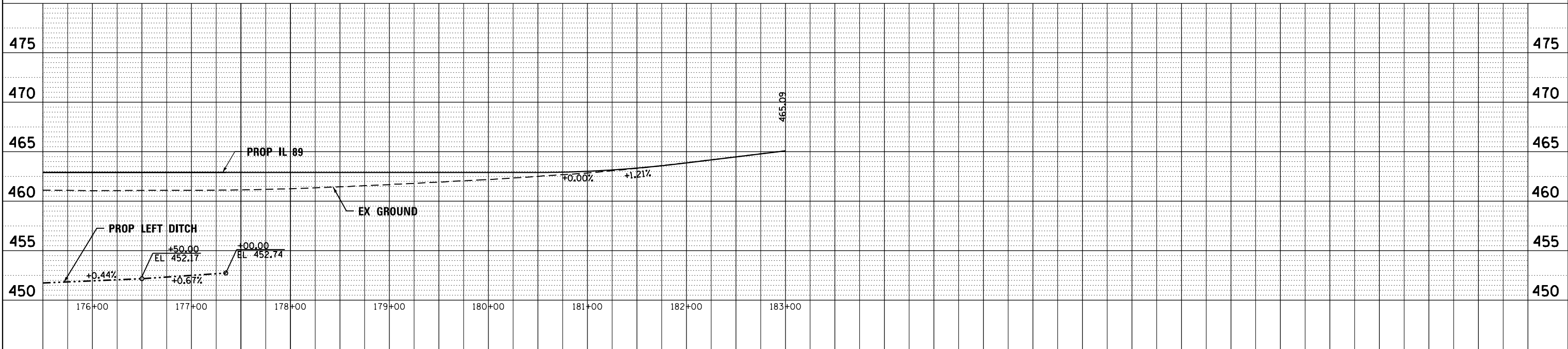


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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



NOTE:
SEE PROFILE SHEETS FOR ENTRANCE
AND ROADWAY PROFILE DETAILS



FILE NAME =	USER NAME = swilkson	DESIGNED - SEW	REVISED -
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		CHECKED - JNR	REVISED -
		DATE - 8/6/2015	REVISED -

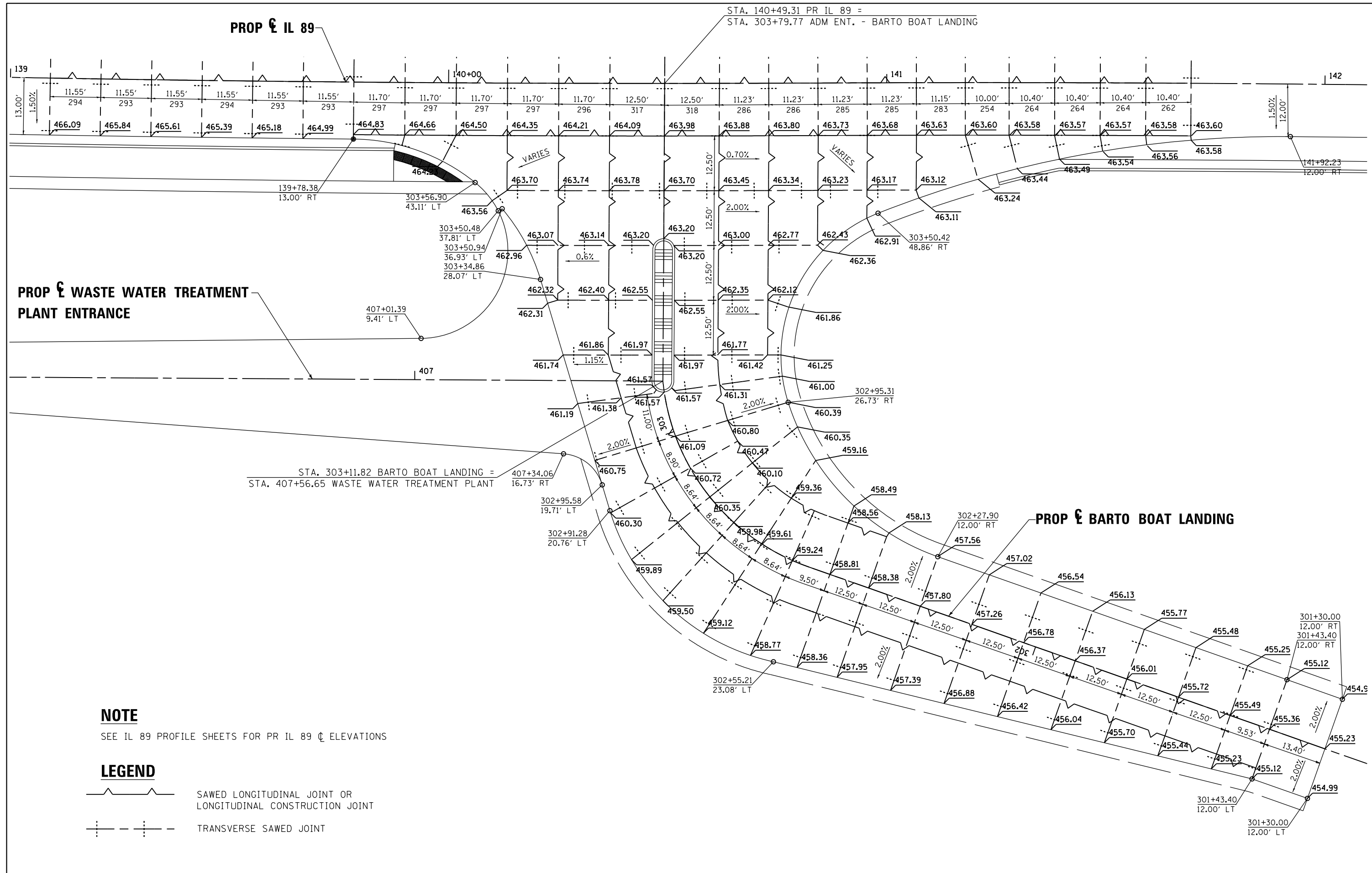
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
IL 89**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 175+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	90
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	

STA. 140+49.31 PR IL 89 =
 STA. 303+79.77 ADM ENT. - BARTO BOAT LANDING





PROP C WASTE WATER TREATMENT PLANT ENTRANCE

PROP C BARTO BOAT LANDING

NOTE

SEE IL 89 PROFILE SHEETS FOR PR IL 89 C ELEVATIONS

LEGEND

-  SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
-  TRANSVERSE SAWED JOINT

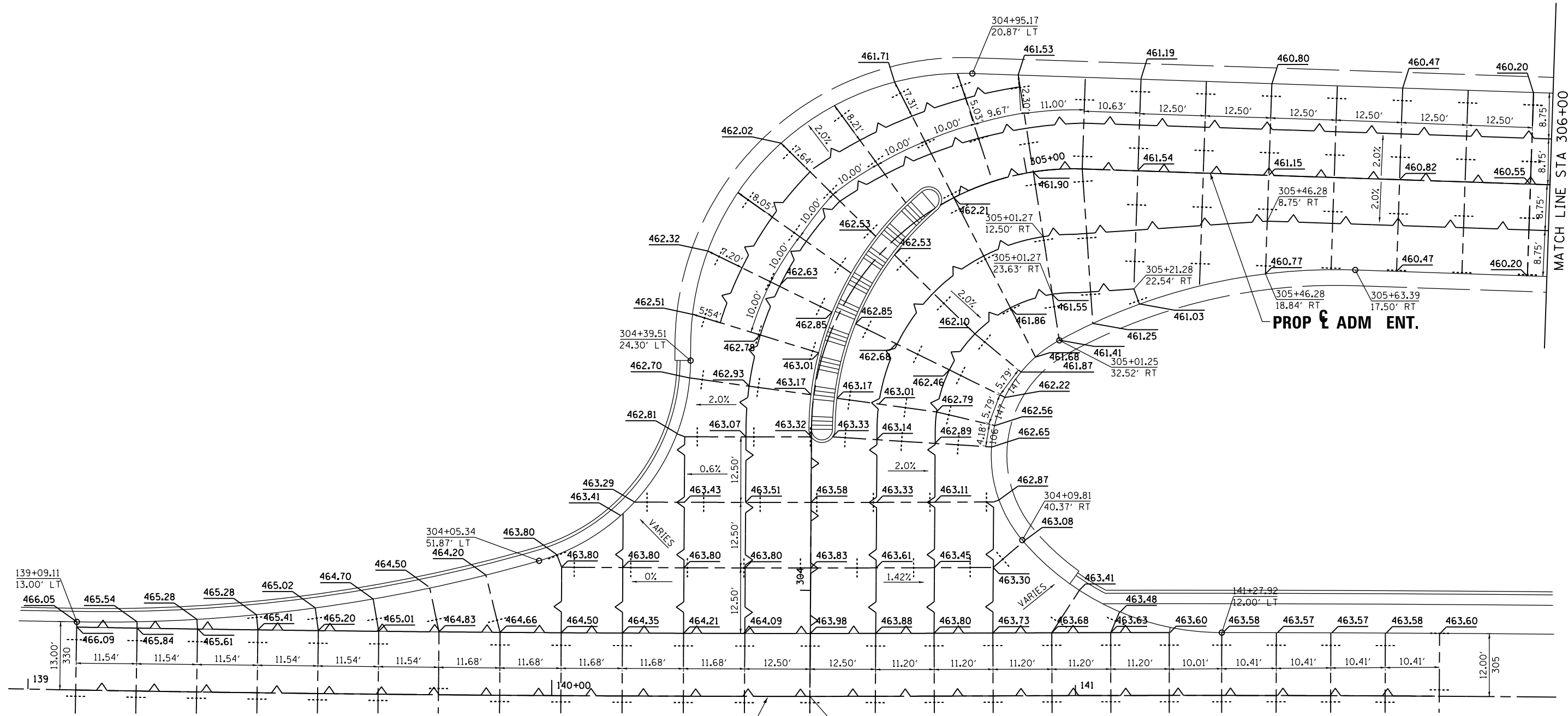
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		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
 IL 89 & BARTO BOAT ENTRANCE**

SCALE: 1"=10' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A. RTE. 698	SECTION 1 (BR)	COUNTY PUTNAM/BUREAU	TOTAL SHEETS 415	SHEET NO. 92
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



MATCH LINE STA 306+00

PROP CL IL 89

NOTE

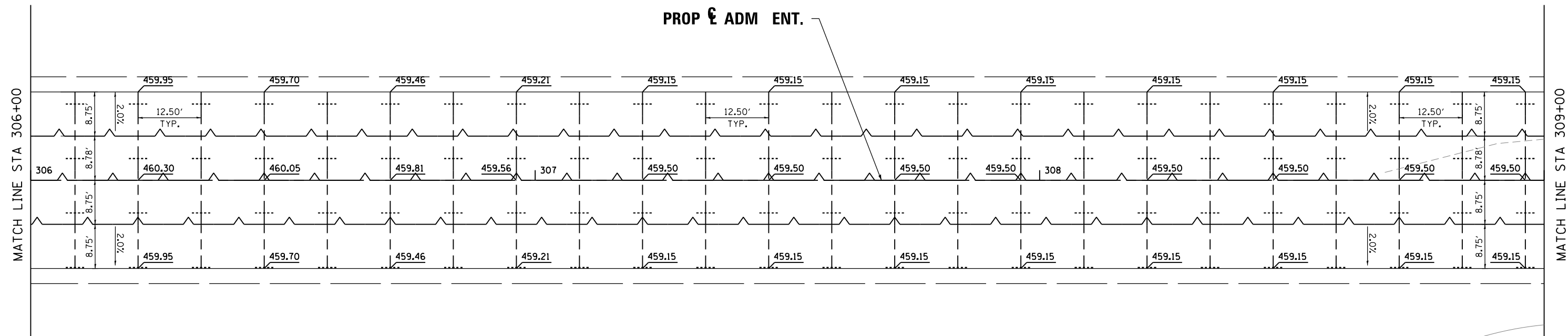
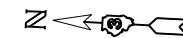
SEE IL 89 PROFILE SHEETS FOR PR IL 89 CL ELEVATIONS

LEGEND

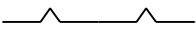
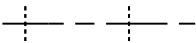
- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- TRANSVERSE SAWED JOINT

STA. 140+49.31 PR IL 89 =
STA. 303+79.77 ADM ENT. - BARTO BOAT LANDING

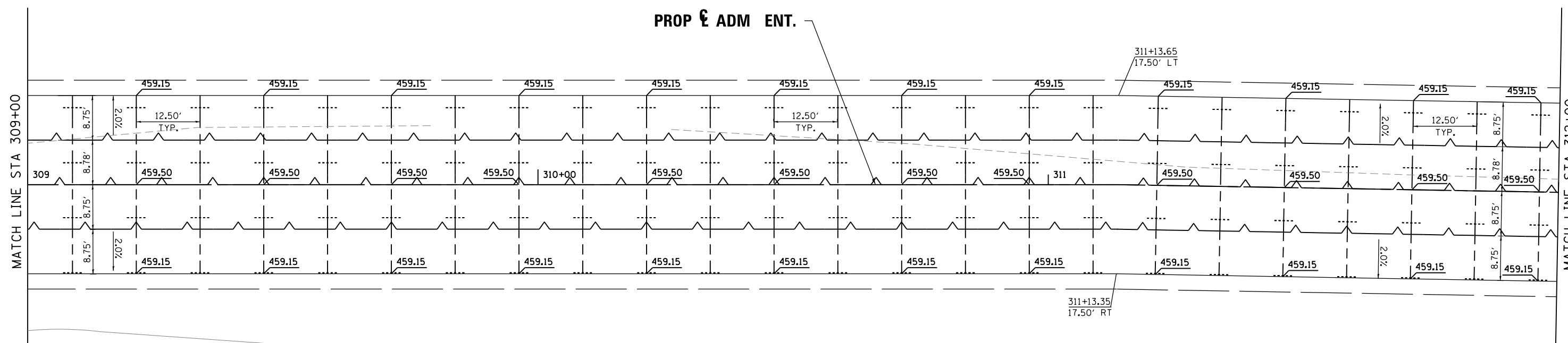
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		DRAWN TMB	REVISED -		SCALE: 1"=10'	SHEET 2	OF 6 SHEETS	STA. POB	TO STA. 306+00.00	PUTNAM/BUREAU	415	93
		CHECKED JNR	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE 8/10/2015	REVISED -		CONTRACT NO. 66A69							




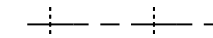
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	SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
	TRANSVERSE SAWED JOINT

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MODELNAME	PLOT SCALE = 1"=10'	DRAWN TMB	REVISED -		SCALE: 1"=10'	SHEET 3	OF 6	SHEETS	STA. 306+00.00	TO STA. 309+00.00	698	1 (BR)	PUTNAM/BUREAU	415 94
	PLOT DATE = 8/6/2015	CHECKED JNR	REVISED -		CONTRACT NO. 66A69									
		DATE 8/10/2015	REVISED -		ILLINOIS FED. AID PROJECT									



LEGEND

-  SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
-  TRANSVERSE SAWED JOINT

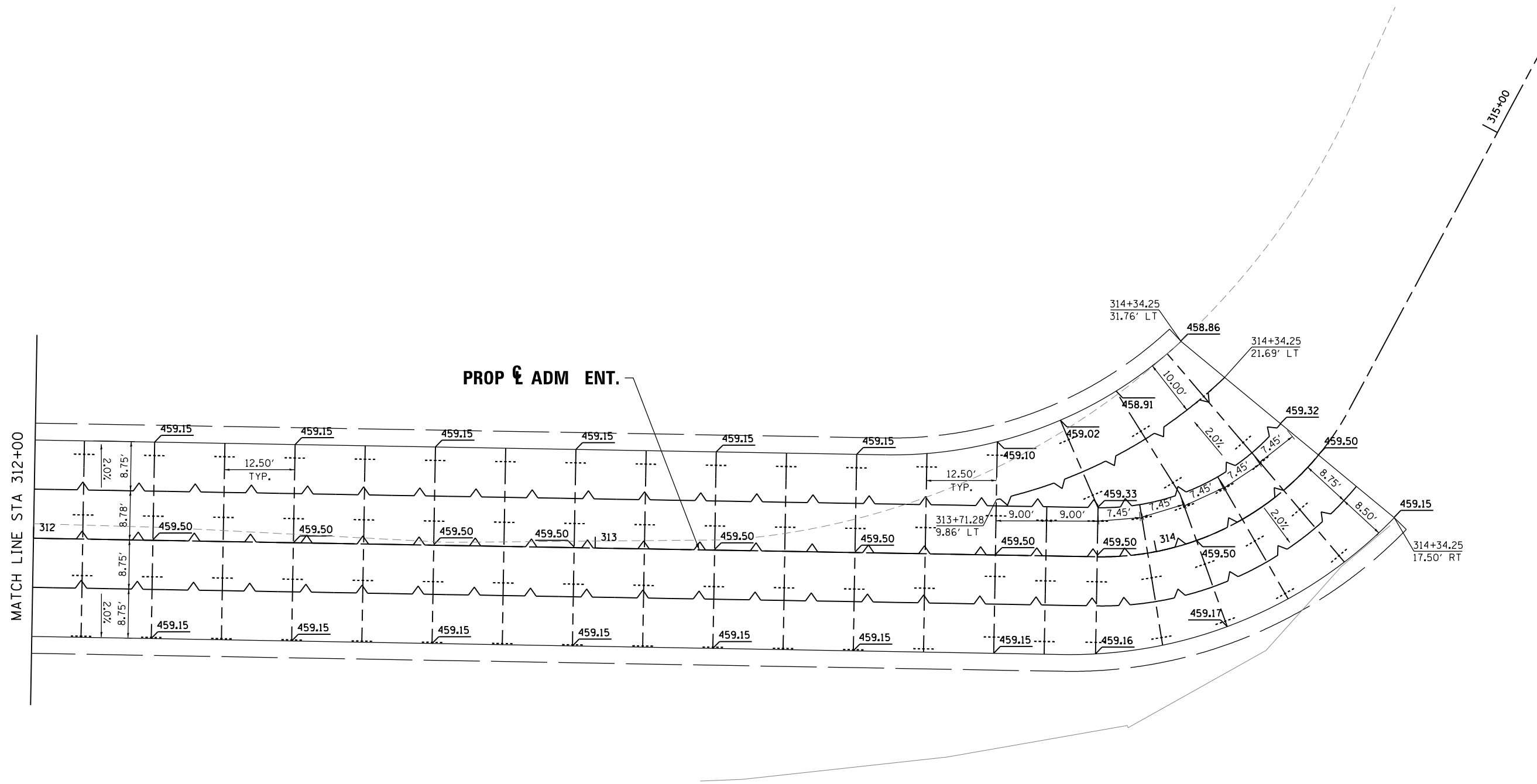
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		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
ADM ENTRANCE**

SCALE: 1"=10' SHEET 4 OF 6 SHEETS STA. 309+00.00 TO STA. 312+00.00


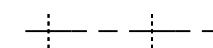
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	95
CONTRACT NO. 66A69			ILLINOIS FED. AID PROJECT	



PROP & ADM ENT.

MATCH LINE STA 312+00

LEGEND

-  SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
-  TRANSVERSE SAWED JOINT

FILE NAME = ...D366A69-sht-intersec-01d.dgn	USER NAME = swilkinson	DESIGNED SEW	REVISED -
		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
		DATE 8/10/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAILS
ADM ENTRANCE**

SCALE: 1"=10' SHEET 5 OF 6 SHEETS STA. 312+00.00 TO STA.EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	96
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL GENERAL NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. PAYMENT FOR THIS WORK WILL BE INCLUDED IN THE L SUM ITEM FOR CONSTRUCTION LAYOUT. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AT NO ADDITIONAL COST TO IDOT.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO TEMPORARY CONSTRUCTION FENCE AT ALL WETLAND LOCATIONS AS DETAILED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
4. THE EROSION AND SEDIMENT CONTROL PLANS SHALL BE WORKED IN CONJUNCTION WITH THE MAINTENANCE OF CONSTRUCTION SHEETS. THE SEQUENCE OF CONSTRUCTION SHALL BE CONSULTED PRIOR TO APPLYING EROSION AND SEDIMENT CONTROL MEASURES.
5. PERIMETER EROSION BARRIER AND SILT FENCE LOCATED ADJACENT TO WETLANDS SHALL BE INSTALLED PRIOR TO ANY WORK COMMENCING ON SITE.
6. COMPLETED SLOPES SHALL BE SEEDED AND STABILIZED AS THE EXCAVATION PROCEEDS WITH EITHER TEMPORARY OR PERMANENT MEASURES TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL TO THE ENGINEER. THE CONTRACTOR SHALL NOT PROLONG THE FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE SEEDED AT ONE TIME.
7. PRIORITY SHALL BE GIVEN TO THE WETLAND AREAS. WORK IN THESE AREAS SHALL NOT BE PROLONGED TO SEED AND PERFORM FINAL STABILIZATION PRACTICES AT ONE TIME.
8. TEMPORARY WETLAND CROSSING DEVICES UTILIZED SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. THE SUBSEQUENT REMOVAL OF THE TEMPORARY WETLAND CROSSING DEVICE SHALL BE COMPLETED IN A MANNER WHICH WILL MINIMIZE THE AMOUNT OF EARTH DISTURBANCE.

FILE NAME = ...D366A69-sht-eros-GenNotes.dgn	USER NAME = swilkinson	DESIGNED SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN TMB	REVISED -			698	1 (BR)	PUTNAM/BUREAU	415	98	
#MODELNAME#		CHECKED JNR	REVISED -			CONTRACT NO. 66A69					
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -			SCALE: NTS	SHEET 1	OF 26 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

SUGGESTED EROSION CONTROL CONSTRUCTION SEQUENCING

PRE-STAGE

INSTALL TEMPORARY FENCING AND PERIMETER EROSION BARRIER ALONG ALL WATERS OF THE U.S. AND WETLANDS AS SHOWN IN THE PLANS. INSTALL PROPOSED WETLAND SIGNING AS SHOWN IN THE PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

PLACE THE TEMPORARY CULVERTS AS SHOWN IN THE PLANS NEAR THE SPRING VALLEY BOAT CLUB ENTRANCE. RE-GRADE THE EXISTING DOWNSTREAM DITCHES AS NECESSARY TO INSTALL THE TEMPORARY HAUL ROAD ON THE NORTH AND SOUTH SOUTH BANKS OF THE ILLINOIS RIVER MAINTAINING A MINIMUM OF A 12' WIDTH FOR CONSTRUCTION VEHICLE INGRESS/EGRESS. THE EXISTING SPRING VALLEY BOAT CLUB ENTRANCE AND ADM ENTRANCE AND UTILITIES ALONG THE WEST SIDE OF THE ENTRANCES SHALL NOT BE DISTURBED BY THIS ACTIVITY. ONCE THE TEMPORARY CULVERTS ARE INSTALLED, INSTALL THE STABILIZED CONSTRUCTION ENTRANCES FOR ACCESS TO THE PROPOSED STRUCTURE WORK ZONE FROM THE EXISTING SPRING VALLEY BOAT CLUB DRIVEWAY AND ADM ENTRANCE.

IF THE CONTRACTOR ELECTS TO WORK IN THIS AREA, INSTALL TEMPORARY WETLAND CROSSING DEVICE AS SHOWN IN THE PLANS FOR ACCESS TO THE PROPOSED STRUCTURE LOCATION ON THE NORTH AND SOUTH BANKS OF THE ILLINOIS RIVER.

STRIP EXISTING GROUND WHERE APPLICABLE APPLYING TEMPORARY EROSION CONTROL SEEDING, TEMPORARY EROSION CONTROL BLANKET AND OTHER TEMPORARY EROSION CONTROL MEASURES AS SHOWN IN THE PLANS.

CONSTRUCT PROPOSED EMBANKMENT, DITCHES AND ROADWAYS AND PLACE PERMANENT EROSION CONTROL MEASURES AS SHOWN IN THE PLANS.

STAGE 1

INSTALL ADDITIONAL TEMPORARY FENCING AND PERIMETER EROSION BARRIER ALONG WETLANDS AS SHOWN IN THE PLANS. INSTALL ADDITIONAL PROPOSED WETLAND SIGNING AS SHOWN IN THE PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

STRIP EXISTING GROUND WHERE APPLICABLE APPLYING TEMPORARY EROSION CONTROL SEEDING, TEMPORARY EROSION CONTROL BLANKET AND OTHER TEMPORARY EROSION CONTROL MEASURES AS SHOWN IN THE PLANS.

CONSTRUCT PROPOSED DITCH LEFT FROM STA. 165+00 TO THE EXISTING BOX CULVERT AT THE SPRING VALLEY BOAT CLUB ENTRANCE WITH IL-89, LEAVING AN EARTHEN DAM IN PLACE UNTIL THE PROPOSED AGGREGATE DITCH LINING HAS BEEN PLACED. ONCE THE AGGREGATE DITCH LINING IS INSTALLED, GRADE EARTH IN ORDER FOR THE RE-LOCATED CHANNEL TO ACCEPT FLOW.

CONSTRUCT PROPOSED EMBANKMENT, ADDITIONAL DITCHES AND ROADWAYS AND PLACE PERMANENT EROSION CONTROL MEASURES AS SHOWN IN THE PLANS.

STAGE 2

INSTALL ADDITIONAL TEMPORARY FENCING AND PERIMETER EROSION BARRIER ALONG WETLANDS AS SHOWN IN THE PLANS. INSTALL ADDITIONAL PROPOSED WETLAND SIGNING AS SHOWN IN THE PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

INSTALL TEMPORARY WETLAND CROSSING DEVICE AND RIPRAP IN ORDER TO GAIN ACCESS TO REMOVE THE EXISTING PIERS WORKING INWARD TOWARD THE RIVER ON BOTH BANKS. INSTALL TEMPORARY WETLAND CROSSING DEVICES AS WORK PROGRESSES OUT TO THE LIMITS AS SHOWN IN THE PLANS.

THE TEMPORARY WETLAND CROSSING DEVICE SHALL BE PLACED IMMEDIATELY PRIOR TO THE REMOVAL OF THE EXISTING BRIDGE UNLESS APPROVED BY THE ENGINEER.

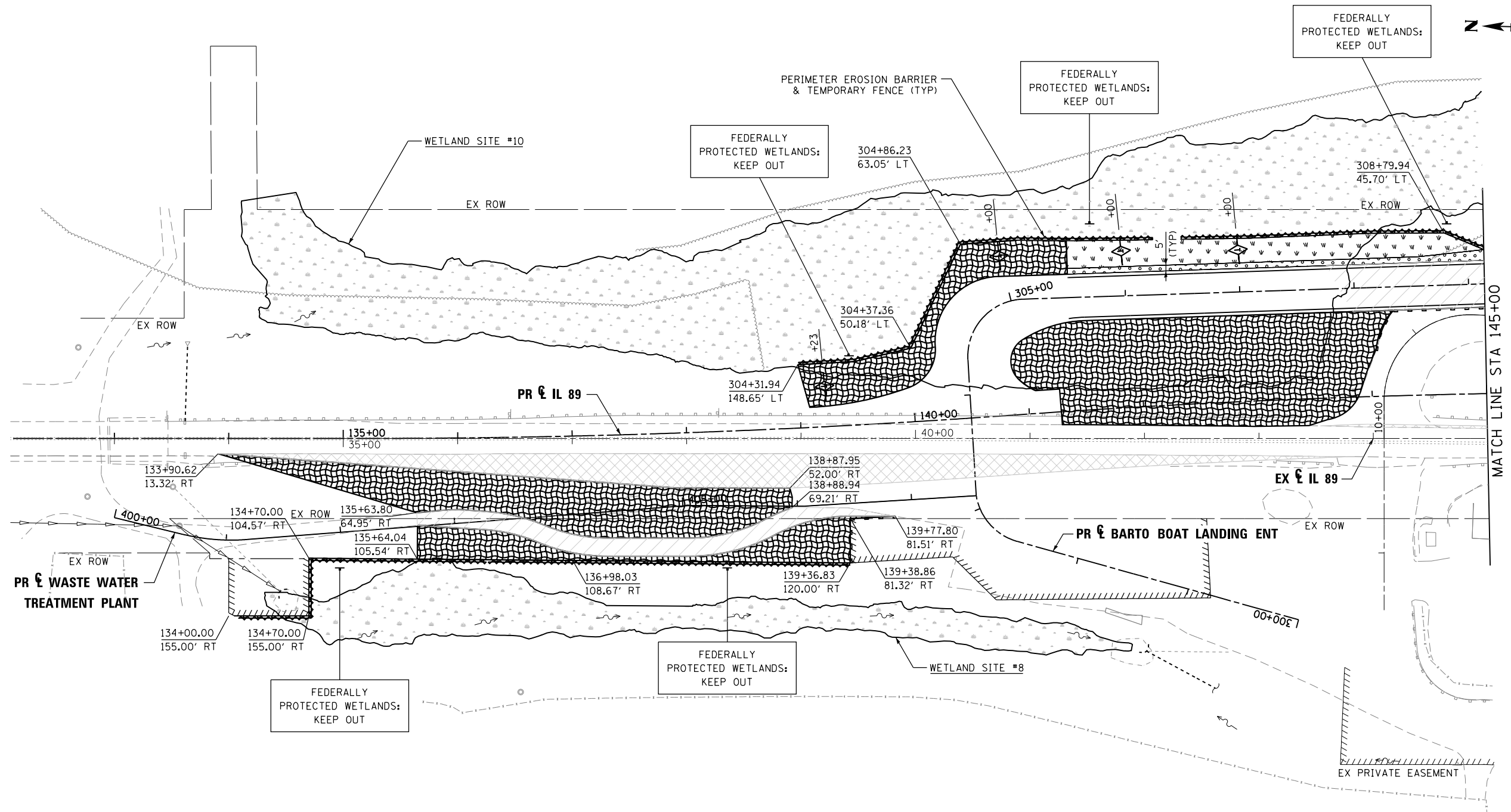
REMOVE EXISTING STRUCTURE DECK AND PIERS WORKING BACK TOWARD THE NORTH AND SOUTH BANK. ONCE THE EXISTING ABUTMENTS ARE REMOVED INSTALL STABILIZED CONSTRUCTION ENTRANCES AT BOTH THE EXISTING NORTH AND SOUTH ABUTMENTS.

REMOVE TEMPORARY WETLAND CROSSING DEVICES ON THE NORTH AND SOUTH BANK PLACED IN PREVIOUS STAGES AND PLACE WETLAND SEEDING MIX AS SHOWN IN THE PLANS.

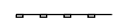





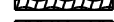


REMOVE STABILIZED CONSTRUCTION ENTRANCES PLACED IN PREVIOUS STAGES.

CONSTRUCT PROPOSED EMBANKMENT, ADDITIONAL DITCHES AND ROADWAYS AND PLACE PERMANENT EROSION CONTROL MEASURES AS SHOWN IN THE PLANS.


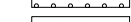

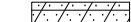
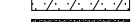


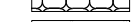


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...\\D366A69-sht-eros-ConstSequence.dgn		DRAWN TMB	REVISED -					698	1 (BR)	PUTNAM/BUREAU	415	99
\$MODELNAME\$	PLOT SCALE = NTS	CHECKED JNR	REVISED -		SCALE: NTS			SHEET 2 OF 26 SHEETS STA. TO STA.			CONTRACT NO. 66A69	
	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -		ILLINOIS FED. AID PROJECT							



TEMPORARY EROSION CONTROL MEASURES:

-  PERIMETER EROSION BARRIER (28000400)
-  TEMPORARY FENCE (20101000)
-  INLET AND PIPE PROTECTION (28000500) OR INLET FILTERS (28000510)
-  TEMPORARY DITCH CHECKS (28000305)
-  TEMPORARY EROSION CONTROL SEEDING (28000250)
-  TEMPORARY EROSION CONTROL BLANKET (28001100)
-  STONE RIPRAP, CLASS A3 (28100105) (TEMPORARY HAUL ROAD) (SEE NOTE 3)
-  TEMPORARY WETLAND CROSSING DEVICE (NEEDED IF USED BY CONTRACTOR - SEE NOTE 4)
-  WORK ZONE

PERMANENT EROSION CONTROL MEASURES:

-  SEEDING, CLASS 2A (25000210)
-  HEAVY DUTY EROSION CONTROL BLANKET (25100635)
-  SEEDING, CLASS 3 (25000300)
-  HEAVY DUTY EROSION CONTROL BLANKET (25100635)
-  SEEDING, CLASS 4B (25000314)
-  STONE RIPRAP, CLASS A4 (28100107)
-  ARTICULATED BLOCK REVETMENT MAT (28500400)
-  EXISTING WETLANDS (SEE NOTE 2)
-  TEMPORARY PAVEMENT
-  EXISTING WETLANDS (CONTROLLED) - SEE NOTE 6

NOTES:

1. SILT FENCE SHALL BE PLACED ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER IN ORDER TO PROTECT ALL WETLAND SITES SHOWN IN THE PLANS.
2. THE CONTRACTOR SHALL AVOID THE AREA MARKED EXISTING WETLANDS UNLESS MARKED WITH THE TEMPORARY WETLAND CROSSING DEVICE OR STONE RIPRAP, CLASS A3 SYMBOLS ABOVE. IF THE CONTRACTOR WISHES TO USE THIS AREA MARKED EXISTING WETLANDS, HE/SHE MUST FIRST GET APPROVAL FROM THE ENGINEER. IF THE ENGINEER GRANTS APPROVAL, THIS AREA SHALL BE PROTECTED WITH THE TEMPORARY WETLAND CROSSING DEVICE AS DESCRIBED IN THE SPECIAL PROVISIONS.
3. THIS AREA IN THE WETLANDS APPROVED AS A TEMPORARY HAUL ROAD. NO TEMPORARY CROSSING DEVICE NEEDED IN THIS AREA.
4. IF THE CONTRACTOR ELECTS TO WORK IN THIS AREA, A TEMPORARY WETLAND CROSSING DEVICE WILL BE NEEDED; HOWEVER, NO ADDITIONAL COMPENSATION SHALL BE DUE THE CONTRACTOR FOR USING EXTRA WETLAND CROSSING DEVICES NOT SHOWN.
5. AREA MARKED OUT AS TEMPORARY HAUL ROAD SHALL BE DISKED AND SEEDDED AT PROJECT COMPLETION.
6. THE WETLANDS IN THESE AREAS CANNOT BE ENTERED UPON BY THE CONTRACTOR AT ANY TIME, NOR CAN THEY BE USED FOR ANY REASON AT ANY TIME BY THE CONTRACTOR FOR THE DURATION OF THE CONTRACT.
7. ALL MATERIALS THAT ENTER THE WETLANDS AREA DUE TO CONSTRUCTION ACTIVITY SHALL BE REMOVED (TO THE SATISFACTION OF THE ENGINEER) FROM THE WETLANDS AT PROJECT COMPLETION.

FILE NAME = ...\\D366A69-sht-IL89-ES-Pre-01.dgn	USER NAME = swilkenson	DESIGNED SEW	REVISED -
		DRAWN TMB	REVISED -
		CHECKED JNR	REVISED -
#MODELNAME#	PLOT DATE = 8/6/2015	DATE 8/10/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
PRE-STAGE**

SCALE: 1"=50' SHEET 3 OF 26 SHEETS STA. POB TO STA. 145+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	1 (BR)	PUTNAM/BUREAU	415	100
CONTRACT NO. 66A69				
ILLINOIS FED. AID PROJECT				