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- 5. SCHEDULE OF QUANTITIES
- 6. EXISTING SCOUR LOCATIONS
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- 8. PROPOSED RIPRAP DETAILS
- 9. STRUCTURAL REPAIR OF CONCRETE DETAILS
- 10. PROPOSED CROSS SECTION LAYOUT
- 11.-15 PROPOSED CROSS SECTIONS

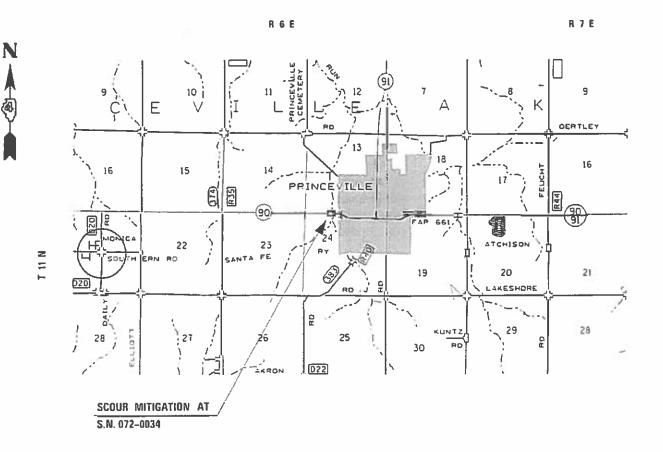
#### **HIGHWAY STANDARDS**

000001-06 001006 280001-07 701201-04 701901-07 701001-02 701006-05

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# **PROPOSED HIGHWAY PLANS**

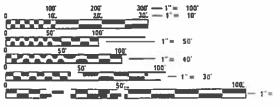
FAP 661 (IL ROUTE 90) SECTION (102B–1)SCR SCOUR MITIGATION PEORIA COUNTY C–94–082–18



GROSS LENGTH = 0.00 FT. = 0.000 MILE NET LENGTH = 0.00 FT. = 0.000 MILE

#### DESIGN DESIGNATION (IL 90)

MINOR ARTERAIL 2017 ADT = 1400 MU = 110 SU = 60



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: NICK JACK (309) 671–3451 PROJECT MANAGER: JOSH JOCHUMS (309) 671–3473

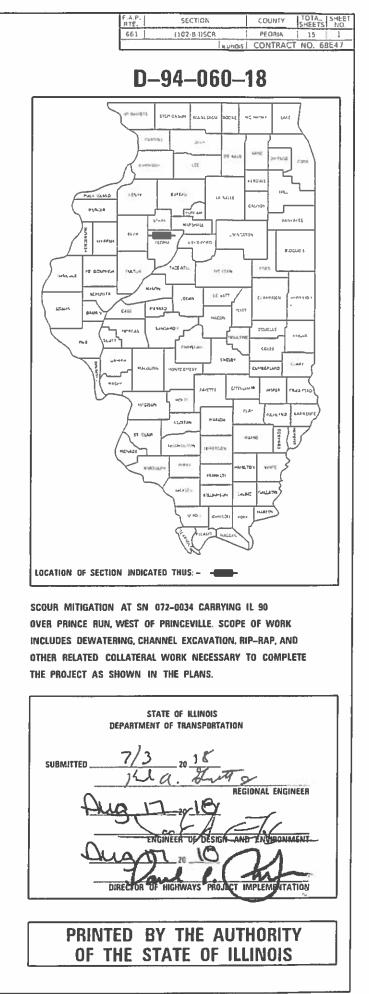
CONTRACT NO. 68E47

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#### **GENERAL NOTES**

#### AVAILABILITY OF ELECTRONIC FILES

Micro Station and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

#### TREE REMOVAL - UTILITY RELOCATION

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

#### PLAN ELEVATIONS - U. S. G. S. MEAN SEA LEVEL DATUM

Use one of the following two options.

1. All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

2. All elevations shown refer to U. S. G. S. datum at mean sea level unless otherwise noted.

#### COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

#### PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

#### CRITICAL PATH WORK SCHEDULE REQUIREMENT

The Contractor will submit to the Engineer a satisfactory progress schedule and critical path schedule which shall show the proposed sequence of work at the time of the pre-construction conference.

#### CLEARING

At locations where clearing is indicated on the plans beyond the limits of the proposed excavation or embankment, the Contractor shall restore the disturbed earth by blading and shaping to blend with the adjacent ground. The clearing will not be paid for separately but shall be included in the cost of excavation pay items in the plans. Payment for reseeding or resodding will be as provided in the plans.

#### TREE REMOVAL

The District Four Tree Committee should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

#### ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- BDE Form 2290 (Waste/Use Area Review)
- A location map showing the size limits and location of the use area
- Color photographs depicting the use area
- \* Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

#### ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

#### SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

USER NAME = jochumsjg	DESIGNED -	REVISED -		GENERAL NOTES		F.A.P BTE	SECTION	COUNTY TOTAL	- SHEET				
	DRAWN -	REVISED -	STATE OF ILLINOIS			U		NOTED		661	(102B-1)SCR	PEORIA 15	2
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT NO. 6	68E47
PLOT DATE = 7/5/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

#### **PROJECT SPECIFIC NOTES**

1. PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE (INCLUDING HIGH WATER ELEVATION) HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

2. ALL RIGHT-OF-WAY AQUISITIONS FOR THIS PROJECT ARE BASED OFF OF THE LEGAL CENTERLINE OF IL 90 STATIONING AS RECORDED ON THE LAND PLATS. FOR CONSTRUCTION PURPOSES THE PLANS HEREIN ARE BASED OFF OF ACTUAL BRIDGE AND PAVEMENT CENTERLINE STATIONING.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DIVERTING THE WATER FLOW FROM THE CONSTRUCTION SITE. THE CONTRACTOR MAY USE WHATEVER METHOD THEY DESIRE TO DEWATER THE CHANNEL.

4. DUE TO THE CHANGE IN NATURE OF THE STREAMBED AT THE STRUCTURE BEING PROTECTED, THE CROSS-SECTIONS USED AT EACH STRUCTURE MAY NOT BE REPRESENTATIVE OF EXISTING FIELD CONDITIONS. LAYOUT OF THE SCOUR PROTECTION SYSTEM MAY BE VARIED TO SUIT THE GROUND CONDITIONS IN THE FIELD AS DIRECTED BY THE ENGINEER.

5. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED, FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK.

6. IT IS ANTICIPATED THAT THE MAJORITY OF THIS WORK WILL NOT REQUIRE HIGHWAY TRAFFIC LANE CLOSURES. LANE CLOSURES WILL BE PERMITTED ON A LIMITED BASIS AND ARE RESTRICTED TO ONE-LANE DAYTIME ONLY CLOSURES IN ACCORDANCE WITH IDOT STANDARDS 701201 AND 701301.

7. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTLITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATIONS AND THE BEST INFORMATION AVALIABLE, BUT THEY ARE NOT GARANTEED. INLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

8. THE CONTRACTOR SHALL GET THE EXISTING UNDERGROUND UTILITIES LOCATED. WHERE EXISTING UNDERGROUND UTILITIES CONFLICT WITH RIPRAP PLACEMENT. THE CONTRACTOR SHALL ADJUST THE LAYOUT AS DIRECTED BY THE ENGINEER.

9. THE ELEVATION OF THE CONCRETE CURB ON THE BRIDGE DECK OF 692.96 WAS USED TO DERIVE ALL ELEVATIONS WITHIN THESE PLANS.

USER NAME = jochumsjg	DESIGNED -	REVISED -			PROJECT SPECIFIC NOTES		F.A.P RTE	SECTION	COUNTY TOTAL SHEET SHEETS NO.		
	DRAWN -	REVISED -	STATE OF ILLINOIS						661	(102B-1)SCR	PEORIA 15 3
PLOT SCALE = 20.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT NO. 68E47
PLOT DATE = 7/5/2018	DATE -	REVISED -	SCALE:	SH	HEET	OF	SHEETS STA.	TO STA.		ILLINOIS F	ED. AID PROJECT

				CONSTRUC	FION CODE
			100% STATE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0048	
				PEORIA COUNTY	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	100	100	
20300100	CHANNEL EXCAVATION	CU YD	183	183	
28000305	TEMPORARY DITCH CHECKS	FOOT	15	15	
28100109	STONE RIPRAP, CLASS A5	SQ YD	635	635	
28200200	FILTER FABRIC	SQ YD	635	635	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
X0301852	DEWATERING STRUCTURE NO. 1	EACH	1	1	
20012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	95.3	95.3	

USER NAME = jochumsjg	DESIGNED -	REVISED -			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
PLOT SCALE = 18.7500 ' / in.	DRAWN - CHECKED -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	661	(102B-1)SCR	PEORIA	15 4
PLOT DATE = 7/5/2018	DATE -	REVISED -				ILLINOIS FED. A	ID PROJECT	

TREE REMOVAL	
(6 TO 15 UNITS DIAMETER)	
LOCATION	UNITS
SOUTH SIDE OF WEST ABUTMENT	50
SOUTH SIDE OF EAST ABUTMENT	50
TOTAL	100

MOBILIZATION					
LOCATION	LSUM				
JOBSITE	1.0				
TOTAL	1				

CHANNEL EXCAVATION						
STATION	то	STATION	VOLUME			
STATION		STATION	CY			
10+04	то	11+32	183			
	183					

TRAFFIC CONTROL AND PROTECTION, STANDARD 701201						
LOCATION	L SUM					
JOBSITE	1.0					
TOTAL	1					

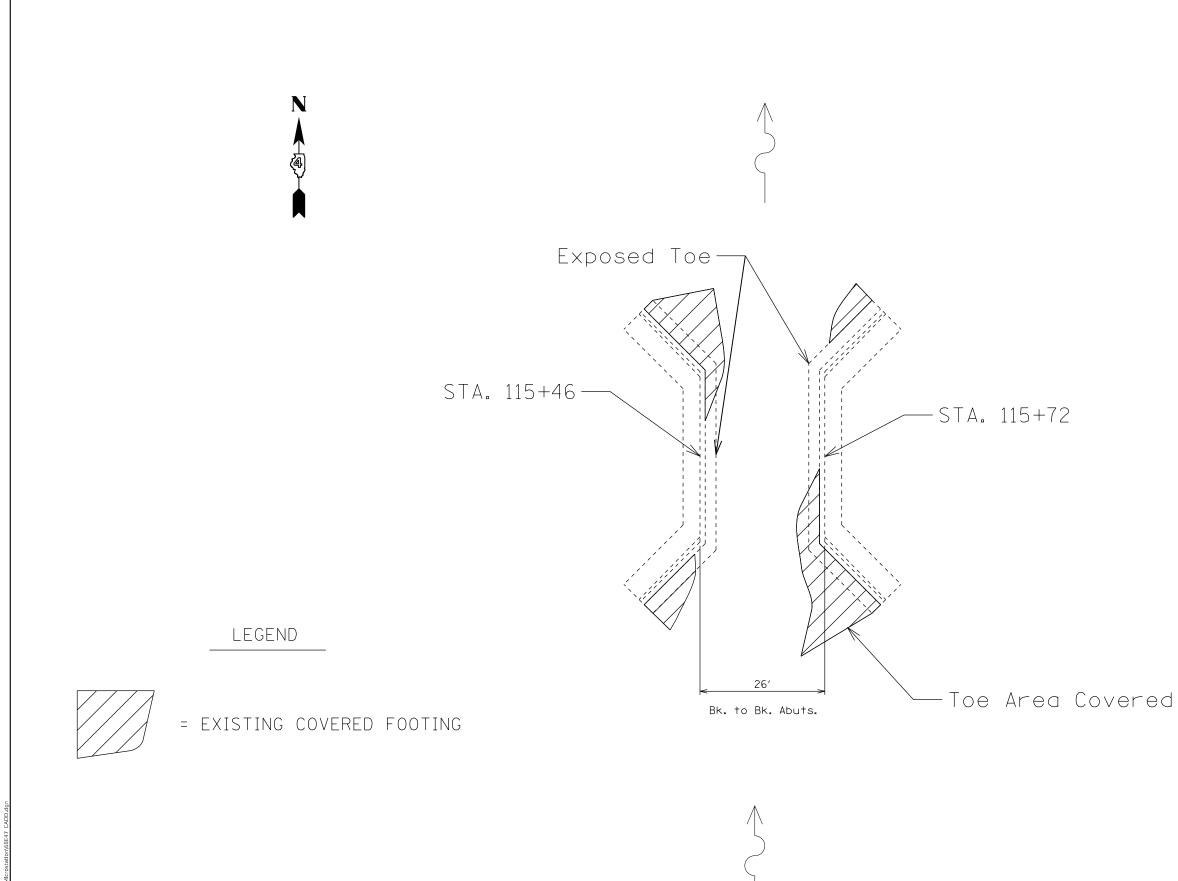
TEMPORARY DITCH CHECK					
LOCATION	FOOT				
11+32	15				
TOTAL	15				

DEWATERING STRUCTURE NO.1						
LOCATION	EACH					
STA. 10+04 TO 11+32	1					
TOTAL	1					

RIP RAP SCHEDULE									
STATION			FILTER FABRIC	STONE RIPRAP, CLASS A5					
			SY	SY					
10+04	10+04 TO 11+32		634.8	635					
TOTAL			635	635					

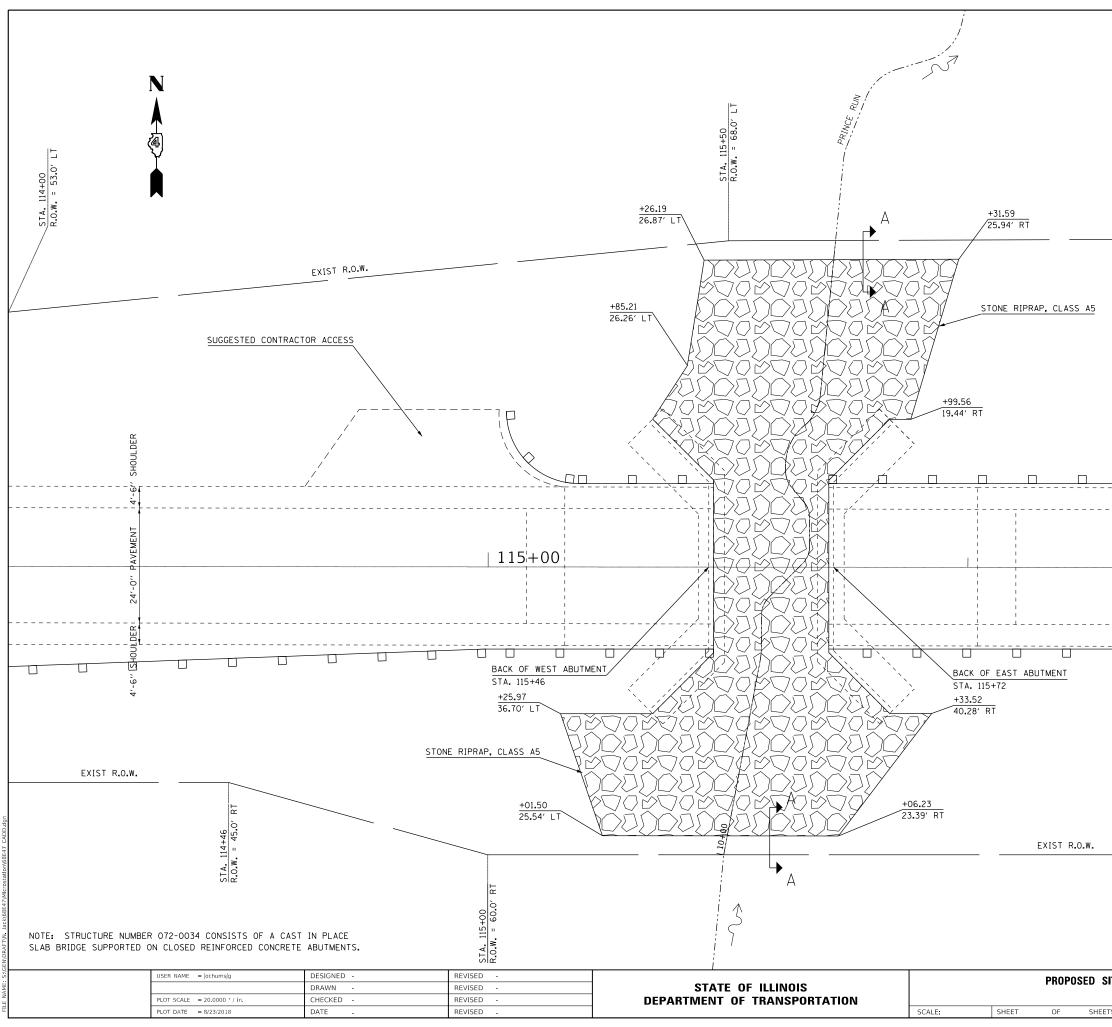
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)						
LOCATION	AREA					
LOCATION	SF					
WEST ABUTMENT	23.8					
EAST ABUTMENT	62.9					
10% WINTER BREAK-UP	8.7					
TOTAL	95.3					

USER NAME = jochumsjg	DESIGNED -	REVISED -	STATE OF ILLINOIS SCHEDULE OF QUANTITIES					F.A.P BTE	SECTION	COUNTY TOTAL	L SHEET		
	DRAWN -	REVISED -								661	(102B-1)SCR	PEORIA 15	5
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT NO. 6	68E47
PLOT DATE = 8/23/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED	AID PROJECT	

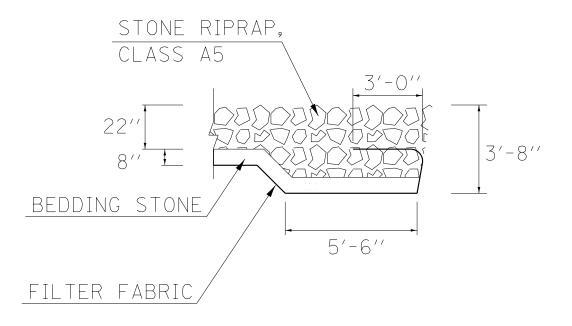


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	DRAWN -	REVISED -	STATE OF ILLINOIS							661	(102B-1)SCR	PEORIA	15 6
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	F NO. 68E47
PLOT DATE = 7/5/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

## NOT TO SCALE

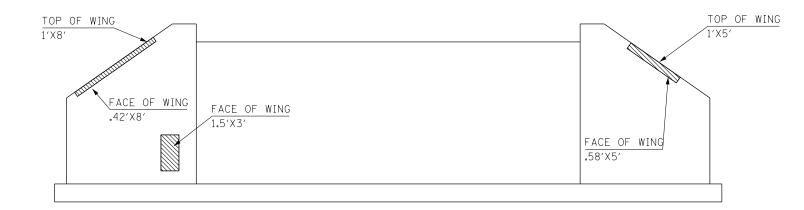


				STA, 117+00 R.O.W. = 68.67' LT	
	1				
				I	
	O Scale in		40		60
TE PLAN	TO STA.	F.A.P RTE 661	SECTION (102B-1)SCR ILLINOIS FED. AI		TOTAL SHEET SHEETS NO. 15 7 T NO. 68E47



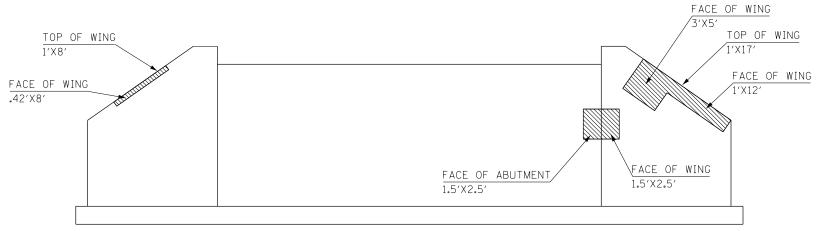


-	USER NAME = jochumsjg	DESIGNED -	REVISED -			PROPOSED RIPRAP DETAILS					COUNTY	TOTAL SHEET		
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·	PLOT SCALE = 20.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION							661	(	CONTRAC	T NO. 68F47
-	PLOT DATE = 7/5/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT	



### WEST ABUTMENT ELEVATION

(LOOKING WEST)



## LEGEND

#### STRUCTURAL REPAIR OF CONCRETE =

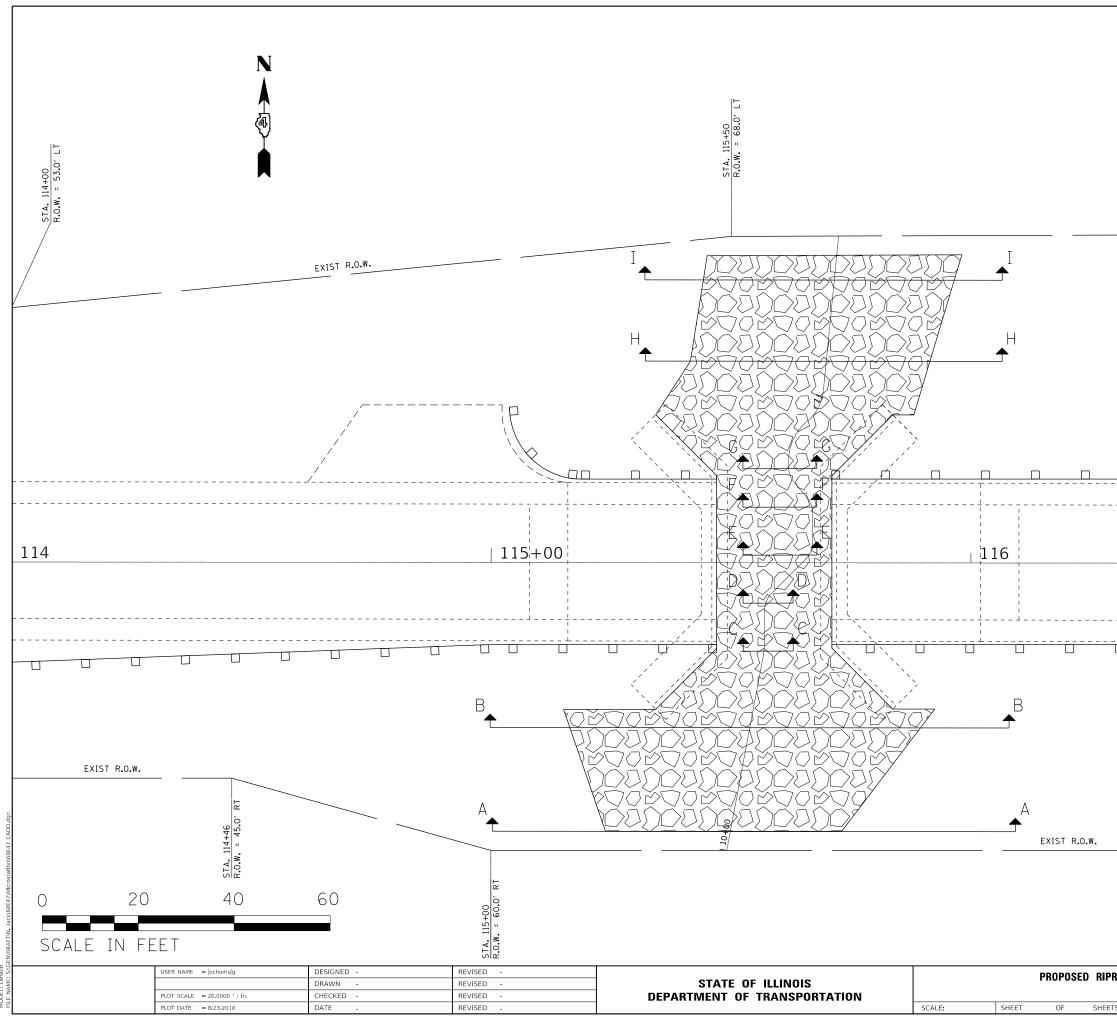
(DEPTH EQUAL TO OR LESS THAN 5 INCHES)

## EAST ABUTMENT ELEVATION

(LOOKING EAST)

USER NAME = jochumsjg	DESIGNED -	REVISED -				STRI	ICTURAL	REPAIR		F.A.P BTE	SECTION	COUNTY	4 15 9	SHEET
	DRAWN - REVISED -		STATE OF ILLINOIS							661	(102B-1)SCR	PEORIA	15	9
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT	T NO. 68	E47				
PLOT DATE = 7/5/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

## NOT TO SCALE



			STA. 117+00 R.O.W. = 68.67 <sup>,</sup> LT
			STA. 117+00 R.O.W. = 68.
	<u> </u>	 	
	CROSS SECTI	ON OFFSET INFORM	ATION:
CR CR CR CR CR CR CR CR CR	OSS SECTION BB OSS SECTION CC OSS SECTION DD OSS SECTION EE OSS SECTION FF OSS SECTION GG OSS SECTION HH	56' SOUTH OF IL 34' SOUTH OF IL 19' SOUTH OF IL 9' SOUTH OF IL 1' NORTH OF IL 11' NORTH OF IL 19' NORTH OF IL 42' NORTH OF IL 59' NORTH OF IL	90 CENTERLINE 90 CENTERLINE 90 CENTERLINE 90 CENTERLINE 90 CENTERLINE 90 CENTERLINE 90 CENTERLINE
RAP DETAILS	F.A.P RTE 661	SECTION (102B-1)SCR ILLINOIS	COUNTY TOTAL SHEET SHEETS NO. PEORIA 15 10 CONTRACT NO. 68E47 FED. AID PROJECT

