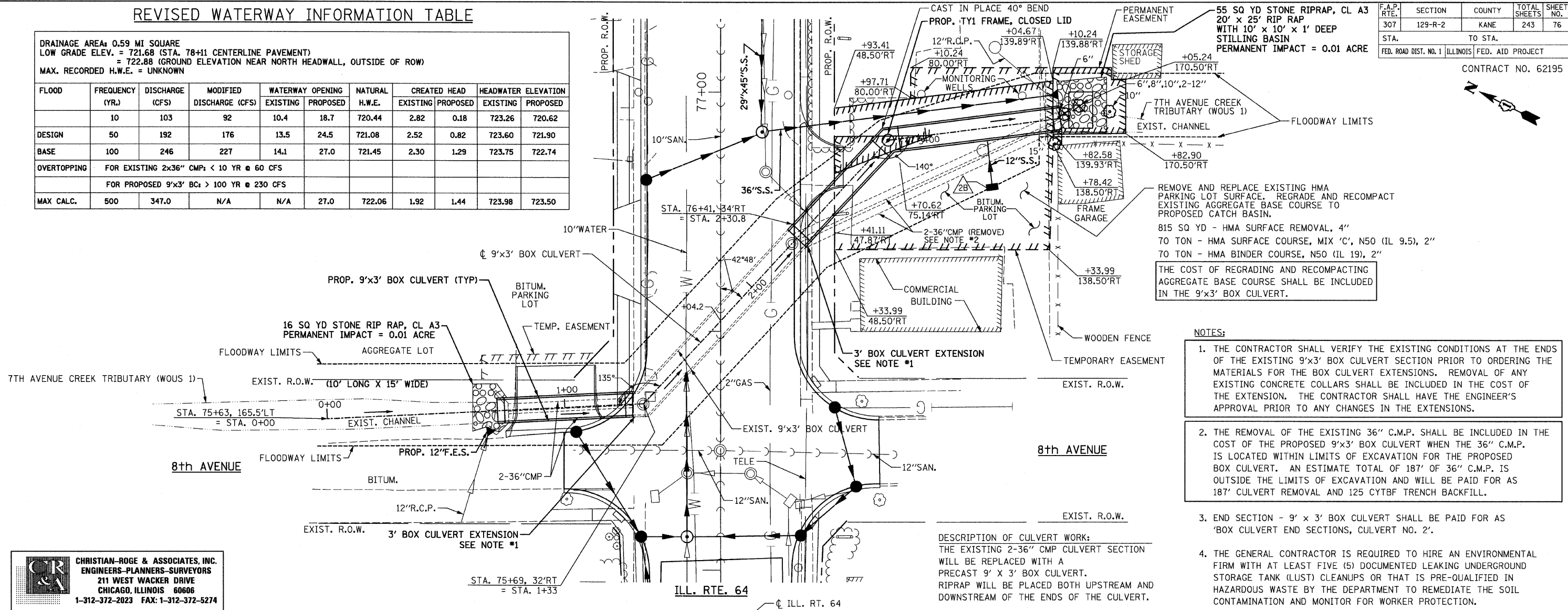


REVISED WATERWAY INFORMATION TABLE

DRAINAGE AREA: 0.59 MI SQUARE LOW GRADE ELEV. = 721.68 (STA. 78+11 CENTERLINE PAVEMENT) = 722.88 (GROUND ELEVATION NEAR NORTH HEADWALL, OUTSIDE OF ROW) MAX. RECORDED H.W.E. = UNKNOWN										
FLOOD	FREQUENCY (YR.)	DISCHARGE (CFS)	MODIFIED DISCHARGE (CFS)	WATERWAY OPENING		NATURAL H.W.E.	CREATED HEAD		HEADWATER ELEVATION	
				EXISTING	PROPOSED		EXISTING	PROPOSED	EXISTING	PROPOSED
	10	103	92	10.4	18.7	720.44	2.82	0.18	723.26	720.62
DESIGN	50	192	176	13.5	24.5	721.08	2.52	0.82	723.60	721.90
BASE	100	246	227	14.1	27.0	721.45	2.30	1.29	723.75	722.74
OVERTOPPING	FOR EXISTING 2x36" CMP: < 10 YR @ 60 CFS									
	FOR PROPOSED 9'x3' BC: > 100 YR @ 230 CFS									
MAX CALC.	500	347.0	N/A	N/A	27.0	722.06	1.92	1.44	723.98	723.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	129-R-2	KANE	243	76
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

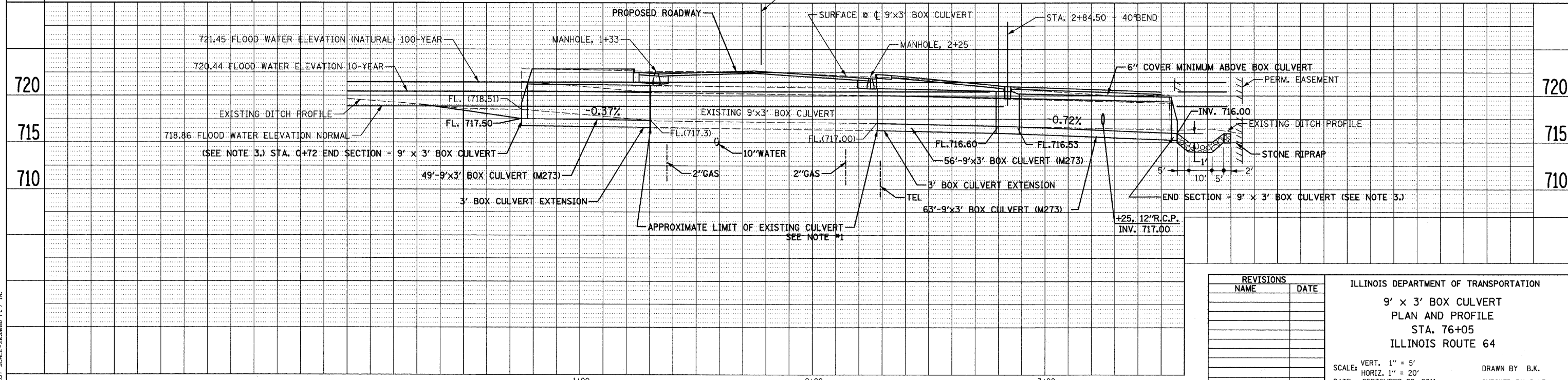
CONTRACT NO. 62195



- NOTES:**
1. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AT THE ENDS OF THE EXISTING 9'x3' BOX CULVERT SECTION PRIOR TO ORDERING THE MATERIALS FOR THE BOX CULVERT EXTENSIONS. REMOVAL OF ANY EXISTING CONCRETE COLLARS SHALL BE INCLUDED IN THE COST OF THE EXTENSION. THE CONTRACTOR SHALL HAVE THE ENGINEER'S APPROVAL PRIOR TO ANY CHANGES IN THE EXTENSIONS.
  2. THE REMOVAL OF THE EXISTING 36" C.M.P. SHALL BE INCLUDED IN THE COST OF THE PROPOSED 9'x3' BOX CULVERT WHEN THE 36" C.M.P. IS LOCATED WITHIN LIMITS OF EXCAVATION FOR THE PROPOSED BOX CULVERT. AN ESTIMATE TOTAL OF 187' OF 36" C.M.P. IS OUTSIDE THE LIMITS OF EXCAVATION AND WILL BE PAID FOR AS 187' CULVERT REMOVAL AND 125 CYTBF TRENCH BACKFILL.
  3. END SECTION - 9' x 3' BOX CULVERT SHALL BE PAID FOR AS 'BOX CULVERT END SECTIONS, CULVERT NO. 2'.
  4. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

**DESCRIPTION OF CULVERT WORK:**  
THE EXISTING 2-36" CMP CULVERT SECTION WILL BE REPLACED WITH A PRECAST 9' X 3' BOX CULVERT. RIPRAP WILL BE PLACED BOTH UPSTREAM AND DOWNSTREAM OF THE ENDS OF THE CULVERT.

**CHRISTIAN-ROGE & ASSOCIATES, INC.**  
ENGINEERS-PLANNERS-SURVEYORS  
211 WEST WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
1-312-372-2023 FAX: 1-312-372-5274



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
9' x 3' BOX CULVERT  
PLAN AND PROFILE  
STA. 76+05  
ILLINOIS ROUTE 64

SCALE: VERT. 1" = 5'  
HORIZ. 1" = 20'  
DATE: SEPTEMBER 22, 2011

DRAWN BY B.K.  
CHECKED BY S.J.P.

FILE NAME: r106468bculvert28.dgn  
PLOT DATE: 9/23/2011  
PLOT SCALE: 20,000/800 F. / IN.