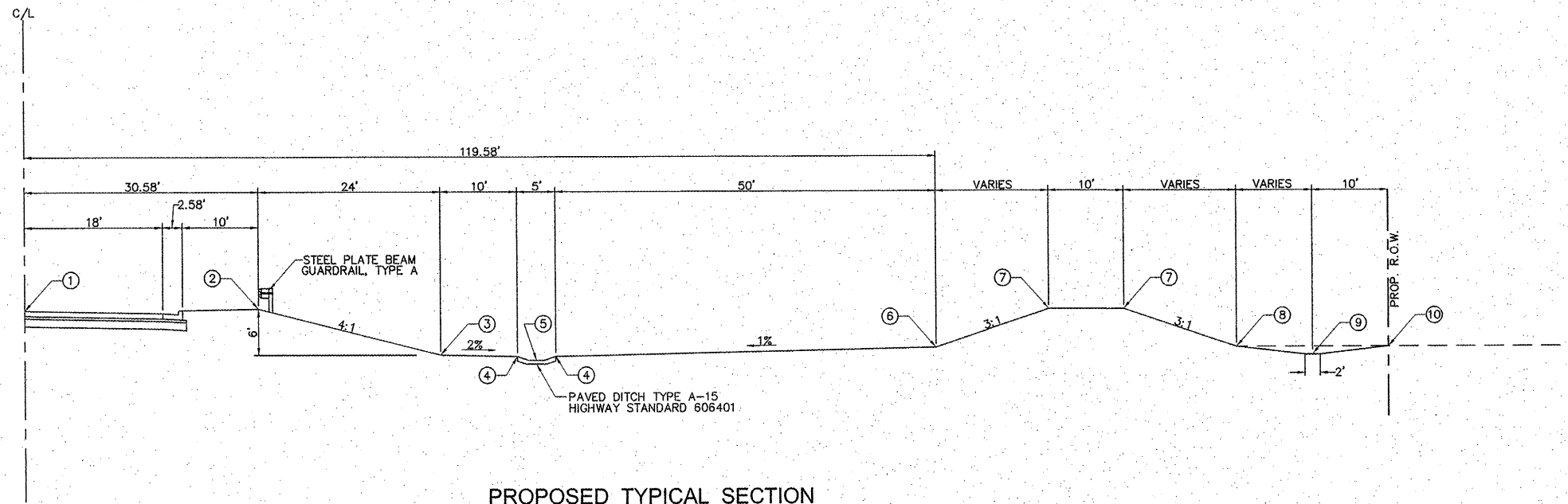
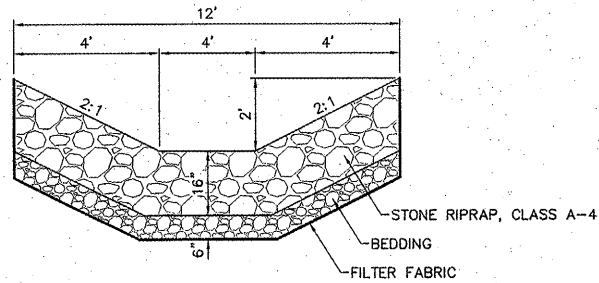


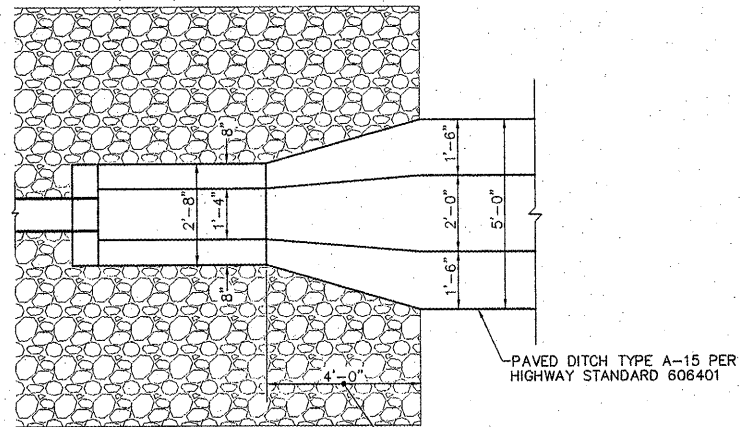
DETENTION BASIN GRADING TABLE		
POINT NO.	DESCRIPTION	FORMULA
①	C/L PROFILE GRADE	C/L ELEV.
②	TOP OF 4:1 SLOPE	C/L ELEV. + 0.22
③	TOE OF 4:1 SLOPE	C/L ELEV. - 5.78
④	EDGE OF PAVED DITCH	C/L ELEV. - 5.98
⑤	F.L. OF PAVED DITCH	C/L ELEV. - 6.48
⑥	TOE OF 3:1 SLOPE	C/L ELEV. - 5.48
⑦	TOP OF 3:1 SLOPE	598.64 (CONSTANT)
⑧	TOE OF 3:1 SLOPE	F.L. SWALE +1.00'
⑨	SWALE	SEE CROSS SECTIONS
⑩	R.O.W. LINE	MEET EXISTING GROUND



**PROPOSED TYPICAL SECTION  
CROSSTOWN ROAD AT DETENTION BASIN**  
STA. 194+38 TO STA. 196+00  
SCALE: 1"=10'

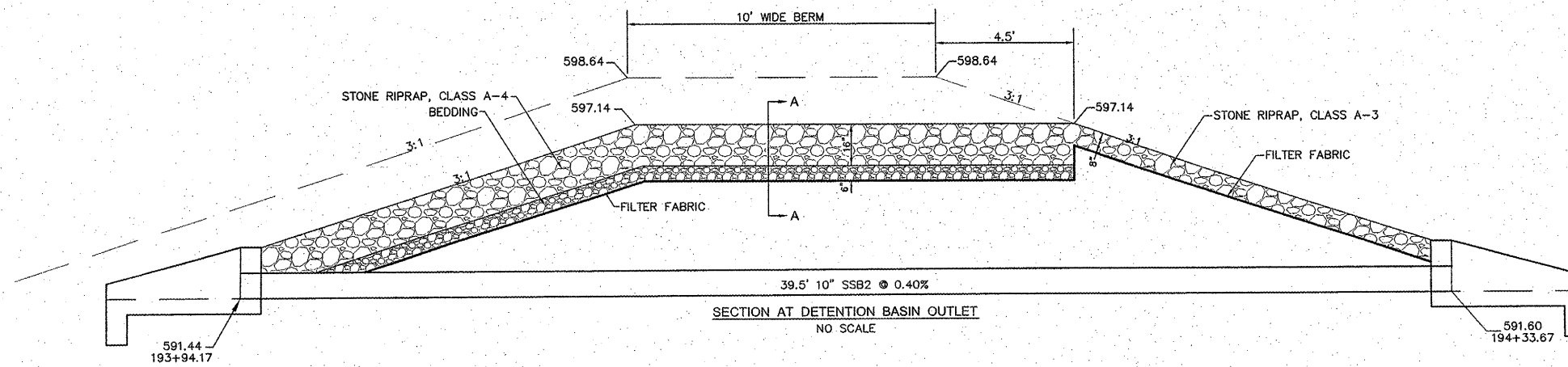


**TYPICAL SECTION  
RIPRAP DITCH - DETAIL B**  
NO SCALE

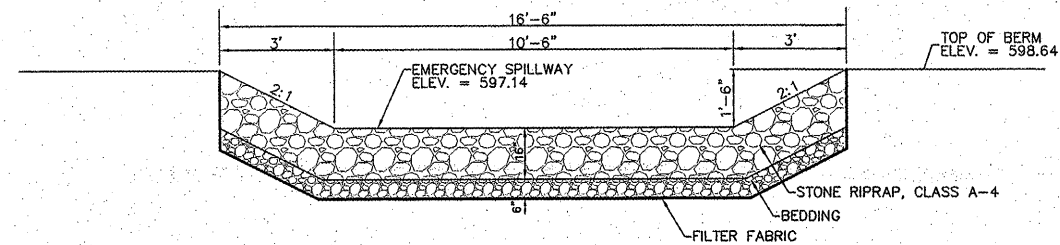


TRANSITION PAVED DITCH FROM STANDARD TYPICAL SECTION TO MEET THE SECTION OF THE CAST-IN-PLACE REINFORCED CONCRETE END SECTION TRANSITION IS TO BE INCLUDED IN THE COST OF PAVED DITCH, TYPE A-15

**PAVED DITCH TRANSITION DETAIL**



**SECTION AT DETENTION BASIN OUTLET**  
NO SCALE



**SECTION A-A**  
NO SCALE

REVISIONS

**SMS ENGINEERS**  
Sheppard, Morgan & Schwaab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
215 Market Street, P.O. Box E, Alton, IL 62002 618/462-0766 Email: [msm@smsengineers.com](mailto:msm@smsengineers.com)  
10 Central Industrial Drive, Granite City, IL 62040 618/877-8700 Email: [mail@smsengineers.com](mailto:mail@smsengineers.com)  
DESIGN FIRM # 181-000592

VILLAGE OF GODFREY, ILLINOIS  
SECTION 04-00019-00-PV  
CROSSTOWN ROAD - PHASE 1 A  
CONSTRUCTION DETAILS

DWG. NO.	P181 02R ROADWAY TYPICAL DETENTION
REF. BK.	PC
JOB NO.	237334
DSN. BY:	DEG
DWN. BY:	CAD
CHK. BY:	DEG
DATE:	APRIL 2011
SCALE:	AS SHOWN
SHEET	21 OF 38