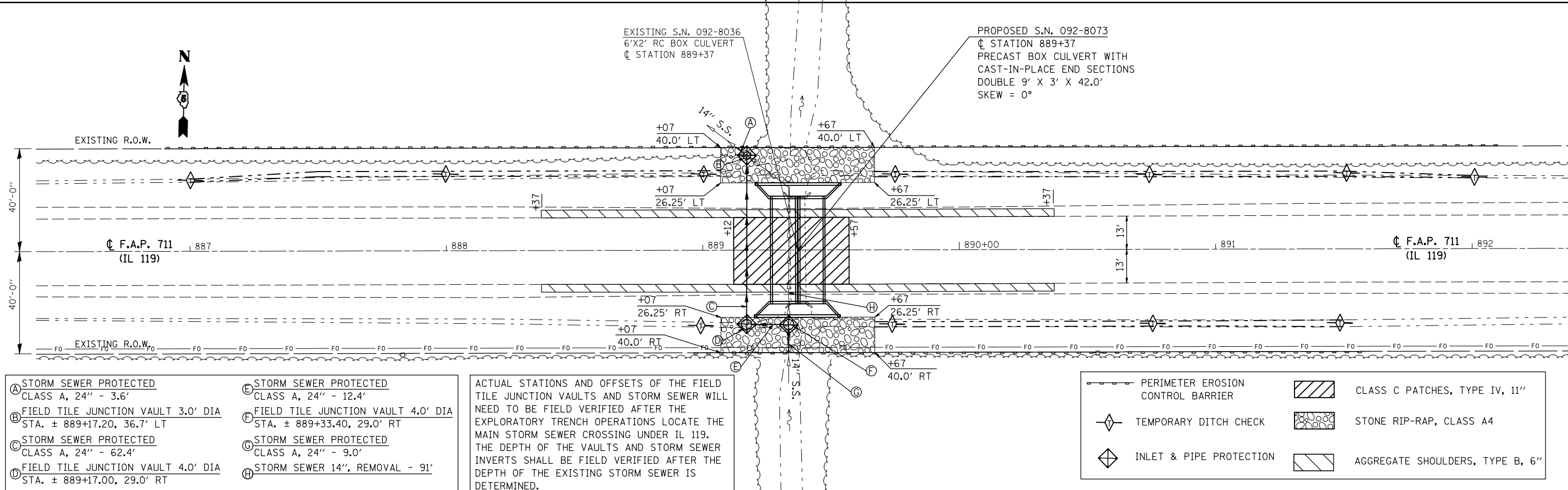


DATE	
BY	
PLAN	SURVEYED
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	NOTE BOOK
	NO.
	CHECKED
	ALIGNED
	FILE NAME

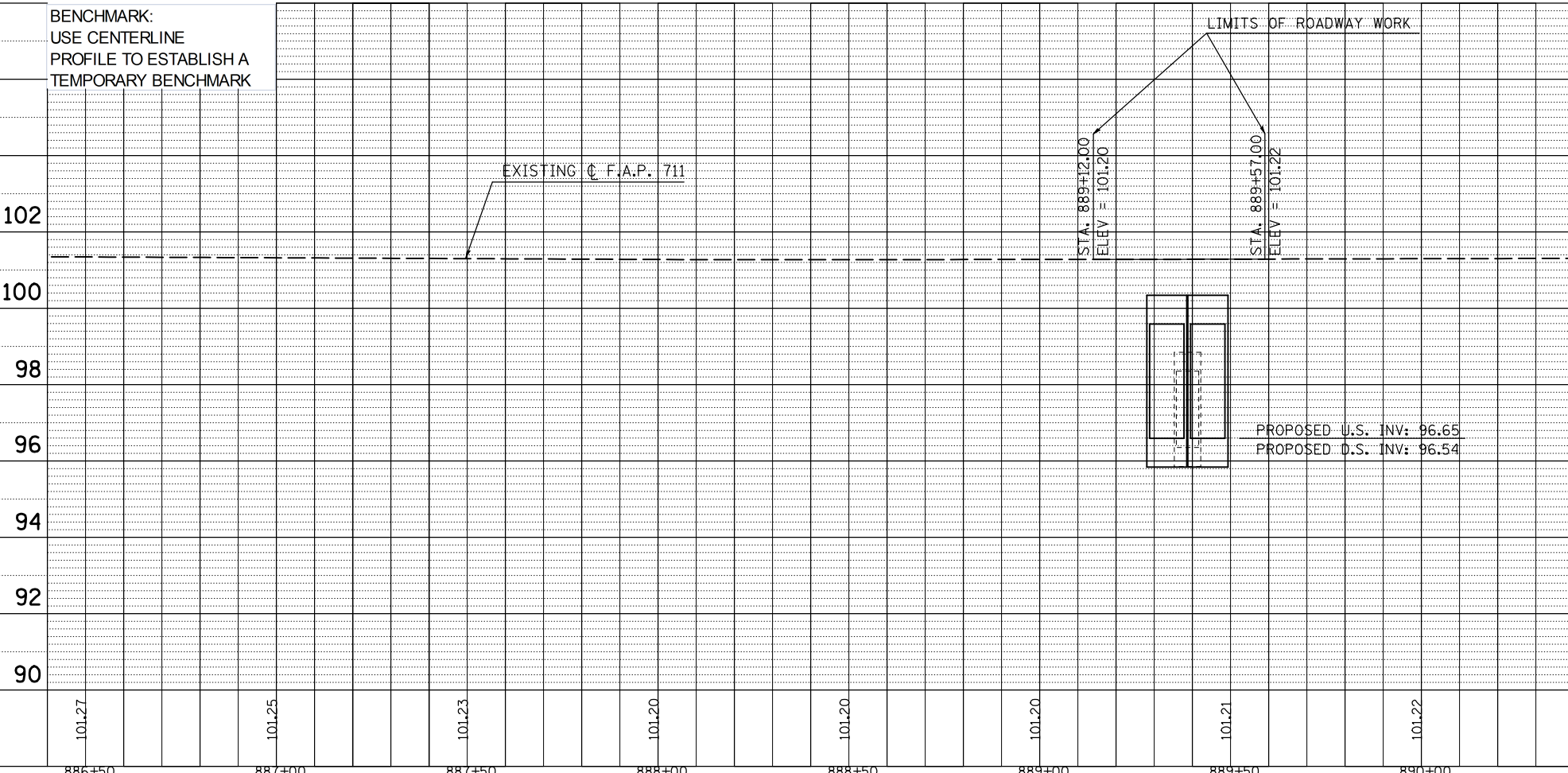
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PROFILE	SURVEYED
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	NOTE BOOK
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	CHECKED
	STRUCTURE
	NOTATION



- (A) STORM SEWER PROTECTED CLASS A, 24" - 3.6'
- (B) FIELD TILE JUNCTION VAULT 3.0' DIA STA. ± 889+17.20, 36.7' LT
- (C) STORM SEWER PROTECTED CLASS A, 24" - 62.4'
- (D) FIELD TILE JUNCTION VAULT 4.0' DIA STA. ± 889+17.00, 29.0' RT
- (E) STORM SEWER PROTECTED CLASS A, 24" - 12.4'
- (F) FIELD TILE JUNCTION VAULT 4.0' DIA STA. ± 889+33.40, 29.0' RT
- (G) STORM SEWER PROTECTED CLASS A, 24" - 9.0'
- (H) STORM SEWER 14", REMOVAL - 91'

ACTUAL STATIONS AND OFFSETS OF THE FIELD TILE JUNCTION VAULTS AND STORM SEWER WILL NEED TO BE FIELD VERIFIED AFTER THE EXPLORATORY TRENCH OPERATIONS LOCATE THE MAIN STORM SEWER CROSSING UNDER IL 119. THE DEPTH OF THE VAULTS AND STORM SEWER INVERTS SHALL BE FIELD VERIFIED AFTER THE DEPTH OF THE EXISTING STORM SEWER IS DETERMINED.

- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- CLASS C PATCHES, TYPE IV, 11"
- STONE RIP-RAP, CLASS A4
- AGGREGATE SHOULDERS, TYPE B, 6"



Drainage Area = 0.82 mi ²		Existing Low Grade Elev. = 101.21 at Sta. 889+37		Proposed Low Grade Elev. = 101.40 at Sta. 889+37					
Flood	Freq. Yr.	Q Ft ³ /s	Opening - ft ²		Natural H.W.E.	Head - ft.		Headwater Elevation	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
Design	50	361	12	24.0				Overtopped	99.2
Base	100	423	12	25.1				Overtopped	100.7
Overtop Existing									
Overtop Proposed	225	490	12	26.4					101.4
Max. Calc.	500	573	12	27.0				Overtopped	102.3

10 YEAR VELOCITY THROUGH EXISTING BRIDGE = 9 ft/s 10 YEAR VELOCITY THROUGH PROPOSED BRIDGE = 5 ft/s

FILE NAME =	USER NAME = bowerm1	DESIGNED - MLB	REVISED -
ct:\pw_work\pwidot\bowerm1\d0186764\057080		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 03/05/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE SHEET	
S.N. 092-8073, STATION 889 + 37.00	
SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS
STA. 886+40.00 TO STA. 892+40.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	116CR	VERMILION	50	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70801	