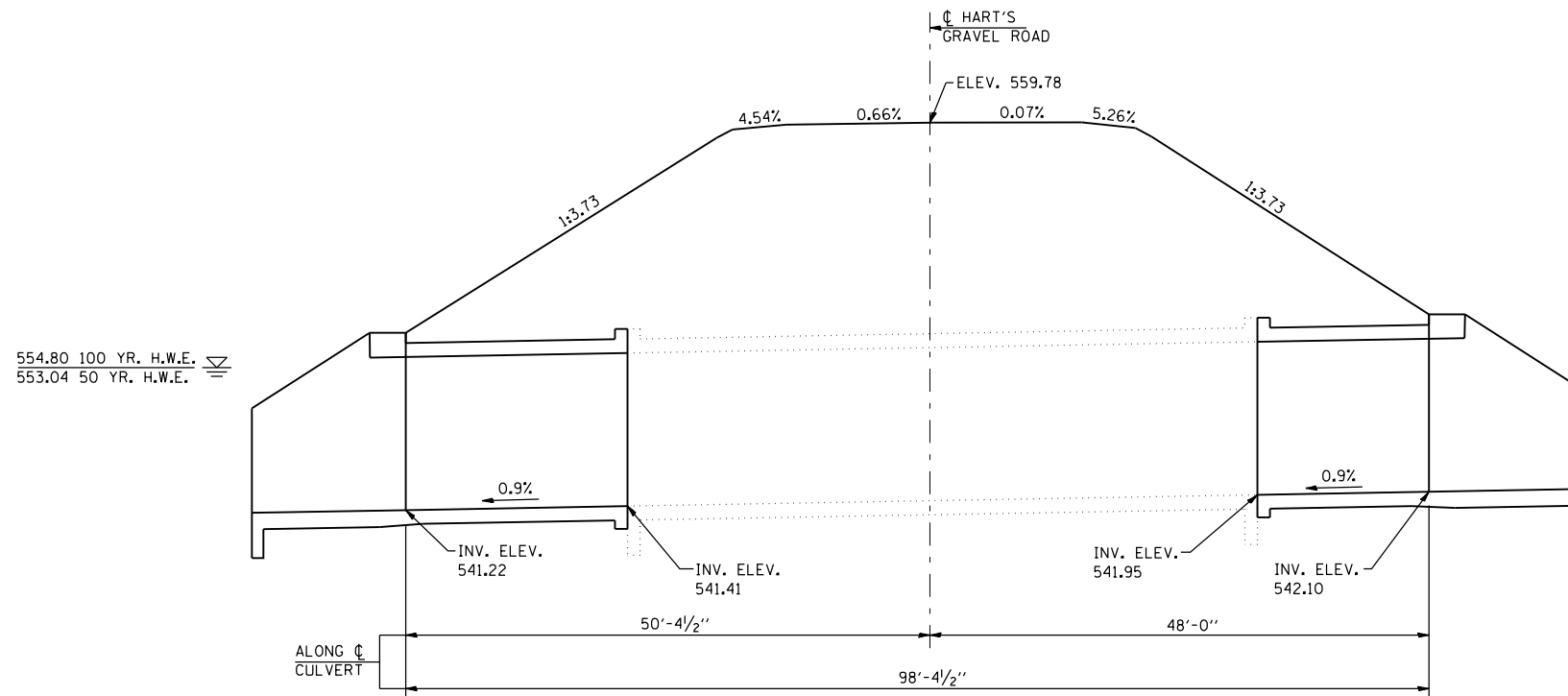


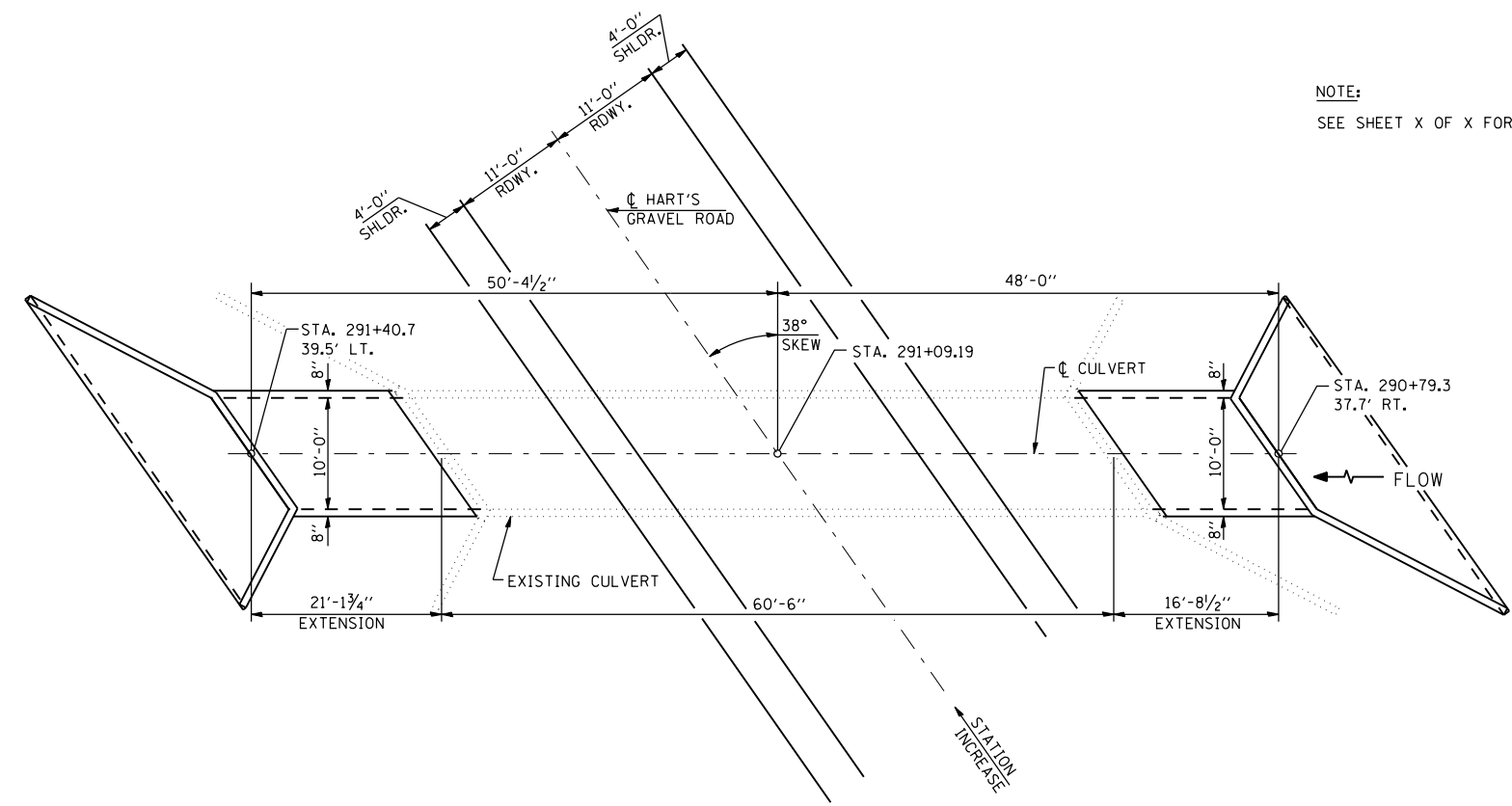
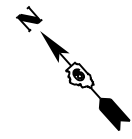
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	358
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

9:40:53 AM

Mar-30-2011 09:40:53AM



LONGITUDINAL SECTION
(LOOKING NORTH)



PLAN

NOTE:
SEE SHEET X OF X FOR STONE DUMPED RIPRAP DETAILS

WATERWAY INFORMATION

STATION 291+09
 DRAINAGE AREA = 516.3 ACRES (0.807 SQ. MI.)
 PROPOSED OPENING = 80.0 SQ. FT.
 $Q_{(50)} = 877$ CFS
 $Q_{(100)} = 1023$ CFS
 U.S.F.L. STA. 290+79.3, 37.7' RT., ELEV. 542.10
 D.S.F.L. STA. 291+40.7, 39.5' RT., ELEV. 541.22

QUANTITIES

ITEM	UNIT	QTY.
CONCRETE BOX CULVERTS	CU. YD.	80.7
EXPANSION BOLTS, 3/4" Ø	EA.	52
REINFORCEMENT BARS	POUND	11,900
GRANULAR CULVERT BACKFILL	CU. YD.	265

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN & ELEVATION
 STATION 291+09.19
 TR 18 (HART'S GRAVEL ROAD)

DRAWN BY RJP
 CHECKED BY ADL
 DATE 5/09

\$FILE\$