



STA. 538+03
 110.0' P CUL CL A 1 EORS 30
 @ 0.52%
 2-PRCF END S EL EORS 30
 USFL=908.68
 DSFL=908.03
 FES STA 538+03, 60.4' LT
 FES STA 538+03, 61.9' RT

FLD TILE JUN VAULT 40
 STORM SEW PROT A 18, 165'
 EXPLOR TRENCH 52, 265'
 (FOR LOCATING & REMOVAL)

RECORDED LOCATION OF
 DRAIN TILE. SIZE AND
 DEPTH UNKNOWN.

TRANSVERSE 4" PIPE UNDERDRAINS
 SEE SHEET 120 FOR UNDERDRAINS
 SCHEDULE (TYP.)

TRANSVERSE 4" PIPE UNDERDRAINS
 SEE SHEET 120 FOR UNDERDRAINS
 SCHEDULE (TYP.)

WETLAND SITE NO.5
 (WETLAND IMPACT
 AREA 0.02 ACRES)

DETENTION BASIN
 8215 CY EARTH EXCAVATION

POND BOTTOM
 ELEV 904.5
 (6" DEEP POOL
 FOR WATER QUALITY)

FOREBAY
 BOTTOM
 ELEV 902.0

22.2 SQ YD
 STONE RIPRAP CL A3
 FILTER FABRIC

FLD TILE JUN VAULT 40

6' WIDE CHANNEL
 1020 CY EARTH EXCAVATION

15.3 SQ YD
 STONE RIPRAP CL A3
 FILTER FABRIC

12.1 SQ YD
 STONE RIPRAP CL A3
 FILTER FABRIC

WETLAND SITE NO.4
 (NO IMPACT)

WETLAND SITE NO.2

WETLAND IMPACT
 AREA 0.05 ACRES

WETLAND SITE NO.3
 (WETLAND IMPACT
 AREA <0.01 ACRES)

EXISTING POND

FIELD TILE NOTE:

THE FOLLOWING ADDITIONAL ESTIMATED QUANTITIES ARE PROVIDED FOR LOCATING, REMOVING, AND REPLACING FIELD TILE FOR CONSTRUCTION OF THE DETENTION BASIN (REROUTE TILE AROUND BASIN IF NEEDED) AT THE DIRECTION OF THE ENGINEER:

FIELD TILE JUNCTION VAULTS, 4" DIA. - 2 EACH
 STORM SEWERS (SPECIAL), 18" - 550'
 EXPLORATION TRENCH 72" DEPTH - 350'

FILE NAME = S:\1606\CADD Sheets\0162517-sht-drain.dgn	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETENTION BASIN PLAN US ROUTE 14		F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 134	
PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 134 OF 431 SHEETS	STA.	TO STA.	CONTRACT NO. 62517			
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT							