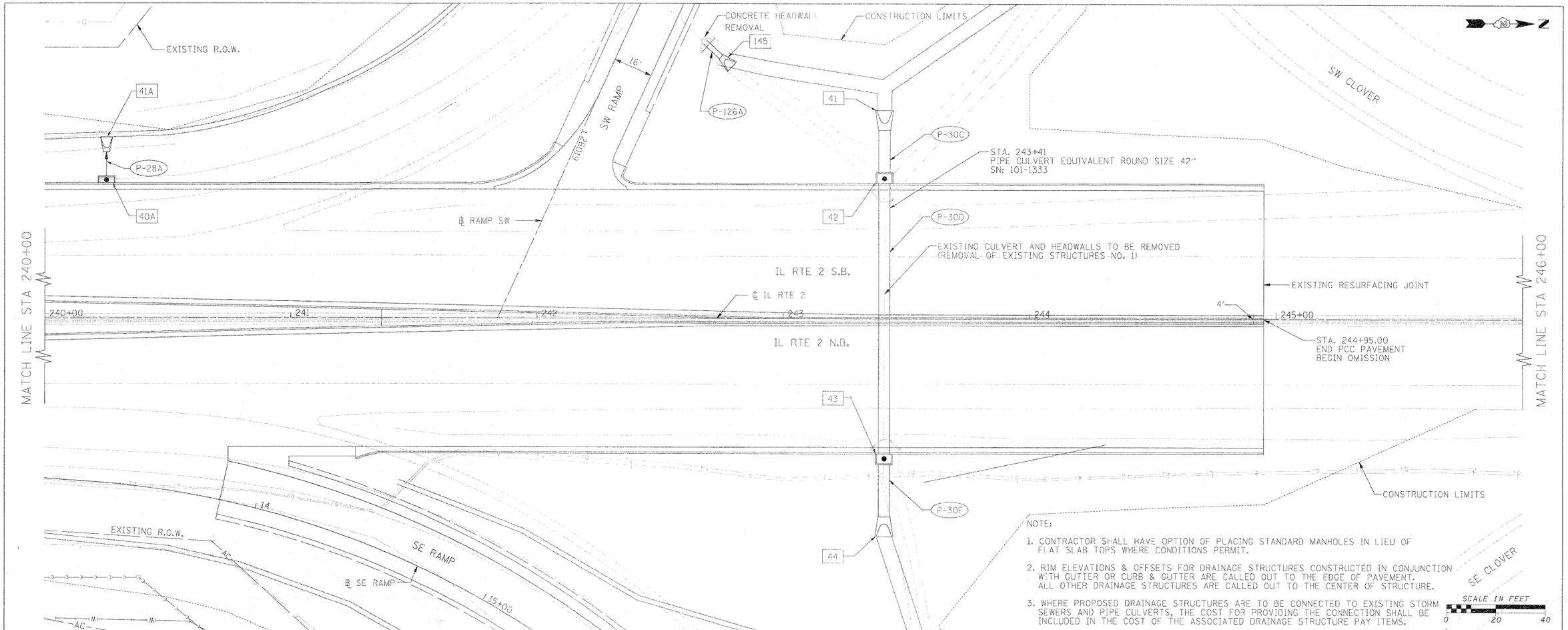

NOTE:

1. CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
2. RIM ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES CONSTRUCTED IN CONJUNCTION WITH GUTTER OR CURB & GUTTER ARE CALLED OUT TO THE EDGE OF PAVEMENT. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.
3. WHERE PROPOSED DRAINAGE STRUCTURES ARE TO BE CONNECTED TO EXISTING STORM SEWERS AND PIPE CULVERTS, THE COST FOR PROVIDING THE CONNECTION SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED DRAINAGE STRUCTURE PAY ITEMS.

WATERWAY INFORMATION TABLE
STRUCTURE NO. 1 - STA. 243+41

DRAINAGE AREA	Exist. Low Grade Elevation: 724.97 @ Sta. 245+39
27.85 Acres	Prop. Low Grade Elevation: 724.69 @ Sta. 245+39

Flood	Frequency Year	Discharge (cfs)	Headwater Elevation (ft) Exist.	Headwater Elevation (ft) Prop.
10-Year	10	26	720.89	720.95
Design	50	36	721.48	721.45
Base	100	41	721.79	721.68
Max. Calc.	500	-	-	-

10-YR VELOCITY THROUGH: EX. STRUCTURE = 7.60 FPS; PR. STRUCTURE = 6.98 FPS

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

FILE NAME = E:\1003\Plan Sheets\PDP 5.dgn	USER NAME = Plotted by Fred 576	DESIGNED - GE	REVISED -
		DRAWN - GE	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - SL	REVISED -
	PLOT DATE = 2/27/2012	DATE - 05/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 742 (IL 2)
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. 05 OF 30 SHEETS | STA. 240+00 TO STA. 246+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	34R	WINNEBAGO	491	198

CONTRACT NO. 64515

ILLINOIS FED. AID PROJECT