

STA. 1353+45.76  
EXISTING MEDIAN INLET BOX  
EXISTING 18" PIPE RT (RCCP)  
USFL 6' RT. = 632.40  
DSFL 88' RT. = 625.48

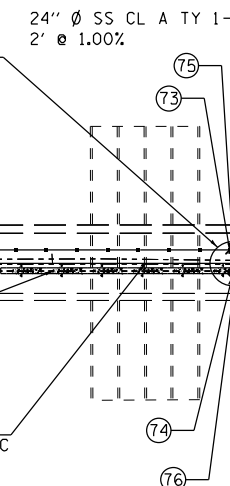
STA. 1363+45.91  
EXISTING MEDIAN INLET BOX  
EXISTING 18" PIPE RT (RCCP)  
USFL 8' RT. = 641.18  
DSFL 64' RT. = 640.85

MATCH LINE STA. 1349+00.00

MATCH LINE STA. 1364+00.00

CONNECT PIPE UNDERDRAINS #73-76 WITH "TEE" AND DRAIN TO INLET @ STA 1353+41.76. CONNECTION COST INCLUDED IN COST OF PIPE UNDERDRAINS, 4" (SPECIAL)

STA. 1351+73.24 TO STA. 1353+23.24  
PR PAVED DITCH,  
TYPE B-15 150 FOOT  
SN 092-2000  
4 @ 13"x12"x142"-7" RCBC  
STA. 1352+48 NO SKEW



STA. 1353+45.76 4' RT  
PR FLUSH INLET BOX  
FOR MEDIAN (STD. 542546)  
TOP ELEV. = 636.00  
INVERT ELEV. (18" S) = 632.65  
INVERT ELEV. (24" E & W) = 632.92

EARTH MEDIAN DITCH CHECK SPECIAL  
SEE DETAIL

STA. 1353+49.76 4' RT  
PROPOSED INLET BOX  
TYPE 24G (STD. 542531)  
INVERT ELEV. = 632.94

24" Ø SS CL A TY 1  
2' @ 1.00%

STA. 1353+41.76 4' RT  
PROPOSED INLET BOX  
TYPE 24G (STD. 542531)  
INVERT ELEV. = 632.94

HIGH TENSION CABLE  
MEDIAN BARRIER

STA. 1363+45.91 4' RT  
PROPOSED INLET BOX  
TYPE 24G (STD. 542531)  
INVERT ELEV. = 641.21

EXIST. CURVE CURV7  
PI STA. = 1360+28.71  
 $\Delta = 2^\circ 12' 07''$  (LT)  
 $D = 0^\circ 09' 39''$   
 $R = 35,635.04'$   
 $T = 684.85'$   
 $L = 1,369.53'$   
 $E = 6.58'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
P.C. STA. = 1353+43.86  
P.T. STA. = 1367+13.39

EARTH MEDIAN DITCH CHECK  
(STD. 202001)

**MEDIAN INLET BOX REMOVAL**  
STATION 1363+45.91 - 1 EACH  
(SEE SCHEDULE)

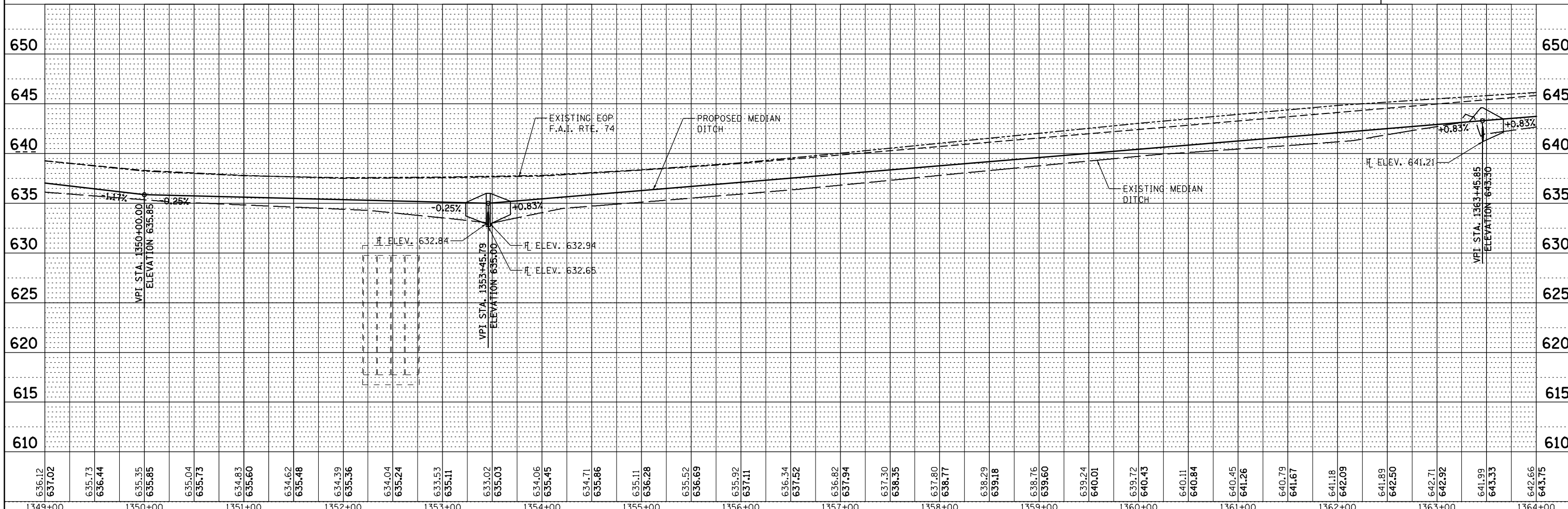
**McDonough-Whitlow, P.C.**  
Consulting Engineers & Land Surveyors  
138 East Wood Street  
Hillsboro, IL 62049  
Phone: 217.532.9233  
Fax: 217.532.6300  
PROFESSIONAL DESIGN NO. 184-002754

⊕ INDICATES PIPE UNDERDRAINS, 4" (SPECIAL)  
SEE SCHEDULE

**MEDIAN INLET BOX REMOVAL**  
STATION 1353+45.76 - 1 EACH  
(SEE SCHEDULE)

DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	



636.12	637.02	635.73	636.44	635.35	635.85	635.04	635.73	634.83	635.60	634.62	635.48	634.39	635.36	634.04	635.24	633.53	635.11	633.02	635.03	634.06	635.45	634.71	635.86	635.11	636.28	635.52	636.69	635.92	637.11	636.34	637.52	636.82	637.94	637.30	638.35	637.80	638.77	638.29	639.18	638.76	639.60	639.24	640.01	639.72	640.43	640.11	640.84	640.45	641.26	640.79	641.67	641.18	642.09	641.89	642.50	642.71	642.92	641.99	643.33	642.66	643.75
1349+00	1350+00	1351+00	1352+00	1353+00	1354+00	1355+00	1356+00	1357+00	1358+00	1359+00	1360+00	1361+00	1362+00	1363+00	1364+00																																														

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE  
F.A.I. 74

SCALE: 1"=50' SHEET NO. 14 OF 28 SHEETS STA. 1349+00.00 TO STA. 1364+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-2	VERMILION	120	26
				CONTRACT NO. 70967
ILLINOIS FED. AID PROJECT				