PROP. ROADWAY A CURVE C20
PI STA. = 2059+30.08
Δ = 55° 59′ 40″ (LT)
D = 0° 50′ 35″
R = 6,796.00′
T = 3,613.08′
L = 6,641.65′
E = 900.75′
e = 2.90%
T.R. = 45.00′/56.25′
S.E. RUN = 87.00′/108.75′
P.C. STA. = 2023+17.00
P.T. STA. = 2089+58.65
SE ATTAINED STA. 2022+14.00
TO STA 2023+46.00 (1.50% TO 2.90%)
SE REMOVED STA. 2089+22.40
TO STA 2091+27.15 (2.90% TO 1.50%)

③ STA 2020+10.12, 50.70′ RT
EXISTING FLUSH INLET BOX
TO BE RECONSTRUCTED
GR. 521.57 (EX.)
GR. 524.11 (PROP.)
FL 518.45

STA 2024+07.79
EXTEND EXISTING 36″ PIPE ON
RIGHT WITH PROPOSED PIPE
CULVERTS, CLASS A, TYPE 2, 36″
(WITH CONNECTION COLLAR)
WITH PRECAST REINFORCED
CONCRETE FLARED END SECTIONS 36″
FOR DETAILS SEE CULVERT PROFILE SHEETS
USFL 511.59

PROPOSED STONE RIPRAP,
CLASS A4
STA 2030+65.82
EXTEND EXISTING 11′ X 7.5′
CONCRETE BOX ON RIGHT WITH
PROPOSED CONCRETE BOX
CULVERTS, 11′ X 7.5′
FOR DETAILS SEE BOX CULVERT DETAIL SHEETS
USFL 510.40

EXISTING ROW LINE
EXISTING 24″ CULVERT TO REMAIN
CONSTRUCTION LIMITS
PC STA 2023+17.00
WB FAI ROUTE TO ROADWAY A
CURVE C20
REMOVE EXISTING CONCRETE HEADWALL
EB FAI ROUTE TO ROADWAY B
PROPOSED SIGN TRUSS
EXISTING SIGN TRUSS
OVERHEAD SIGN
RIPRAP
PAVED DITCH
MATCH LINE STA. 2020+00.00
MATCH LINE STA. 2034+00.00 (ROADWAY A)
RAMP F
PT STA 20+52.64
POT STA 21+71.38
0 50′ 100′

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
R.O.W. MONUMENTED
STRUCTURE NOTATNS CHKD
BY
DATE

750.00′ V.C.
EXISTING PROFILE ALONG ℄ ROADWAY A
PROPOSED PROFILE
+0.30%
+2.00%
VPI STA. 2026+07.06
ELEVATION 530.12
SPECIAL DITCH RT SLOPE = 0.30%
SPECIAL DITCH RT SLOPE = 0.41%
SPECIAL DITCH RT SLOPE = 9.30%
SPECIAL DITCH RT SLOPE = -1.59%
STA 2020+10.09 EXISTING 24″ PIPE ELEV 518.45
STA 2022+00.00 ELEV 524.68
STA 2023+50.00 ELEV 525.29
STA 2024+50.00 ELEV 526.59
STA 2024+07.79 EXISTING 36″ PIPE TO BE EXTENDED RIGHT SIDE ELEV 509.88
STA 2029+00.00 ELEV 518.45
STA 2030+94.99 EXISTING 11′ X 7.5′ CONCRETE BOX TO BE EXTENDED RIGHT SIDE ELEV 510.40

RIGHT DITCH ELEV	524.08	524.23	524.38	524.53	524.68	524.88	525.09	525.29	525.44	525.59	524.80	524.00	523.21	522.42	521.62	520.83	520.04	519.24	518.45
	530.14	530.56	531.00	531.47	531.96	532.43	532.89	533.34	533.77	534.24	534.76	535.22	535.67	536.14	536.62	537.09	537.55	537.99	538.41	538.97	539.54	540.05	540.55	541.04	541.54	542.05	542.55	543.05	543.54
	2020+00		2021+00		2022+00		2023+00		2024+00		2025+00		2026+00		2027+00		2028+00		2029+00		2030+00		2031+00		2032+00		2033+00		2034+00

FILE NAME = S:\Projects\483-88872.57-TR\dgn\S Tri Lvl rdwy.pp.S1rs Roadway A.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE, SOUTH TRI LEVEL ROADWAY A	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1416	269
	PLOT SCALE = 100.0000 ′ / IN.	CHECKED - BRM	REVISED -					CONTRACT NO. 74296		
	PLOT DATE = 2/11/2010	DATE - 2-25-08	REVISED -		SCALE: 1″=50′ SHEET NO. 10 OF 27 SHEETS STA. 2020+00.00 TO STA. 2034+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		