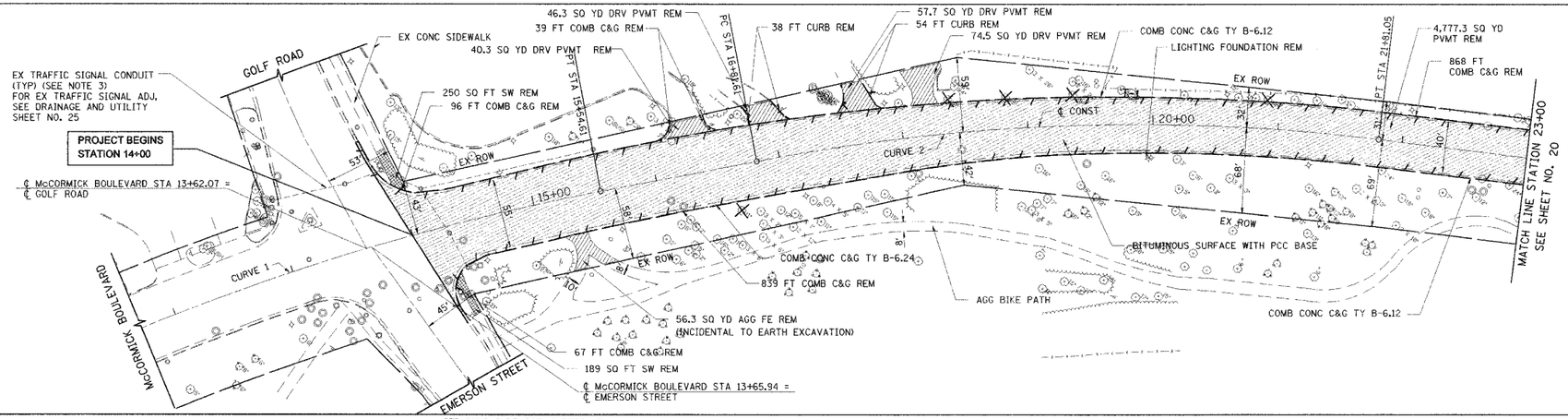
F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2832	00-00218-00-FP	COOK	108	19
STA 14+00	TO STA 23+00			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83773

EXIST. CURVE 1
PI STA. = 9+75.19
Δ = 35° 47' 35" (RT)
D = 2° 59' 03"
R = 1,920.00'
T = 620.02'
L = 1,199.44'
E = 97.63'
e = 2.70%
T.R. = NA
S.E. RUN = 90'
P.C. STA. = 3+55.17
P.T. STA. = 15+54.61

EXIST. CURVE 2
PI STA. = 19+33.38
Δ = 17° 53' 06" (RT)
D = 3° 34' 52"
R = 1,600.00'
T = 251.77'
L = 499.44'
E = 19.69'
e = 2.90%
T.R. = 65'
S.E. RUN = 90'
P.C. STA. = 16+81.61
P.T. STA. = 21+81.05



NOTES:
1. FOR LEGEND SEE SHEET NO.24
2. FOR INTERSECTION DETAILS SEE SHEET NO. 33
3. CONTRACTOR SHALL ASSUME MAINTENANCE OF THE EXISTING TRAFFIC SIGNAL INSTALLATION AT THE GOLF ROAD INTERSECTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHILE EXCAVATING ALONG THE NORTH APPROACH OF THE INTERSECTION TO ENSURE THAT THE EXISTING TRAFFIC SIGNAL CONDUIT IS MAINTAINED AT ALL TIMES.
4. FOR PROPOSED SOUTHBOUND THROUGH AND LEFT TURN LANE DETECTOR LOOP LOCATIONS AND DETAILS SEE PAVEMENT MARKING, AND SIGNING SHEET NO. 35

EXISTING

EOP CURVE A
P.I. STA. = 14+89.16 LT
Δ = 3° 54' 22"
D = 2° 56' 31"
R = 1947.50'
T = 66.41'
L = 132.77'
P.C. STA. = 14+23.71 LT
P.T. STA. = 15+54.61 LT

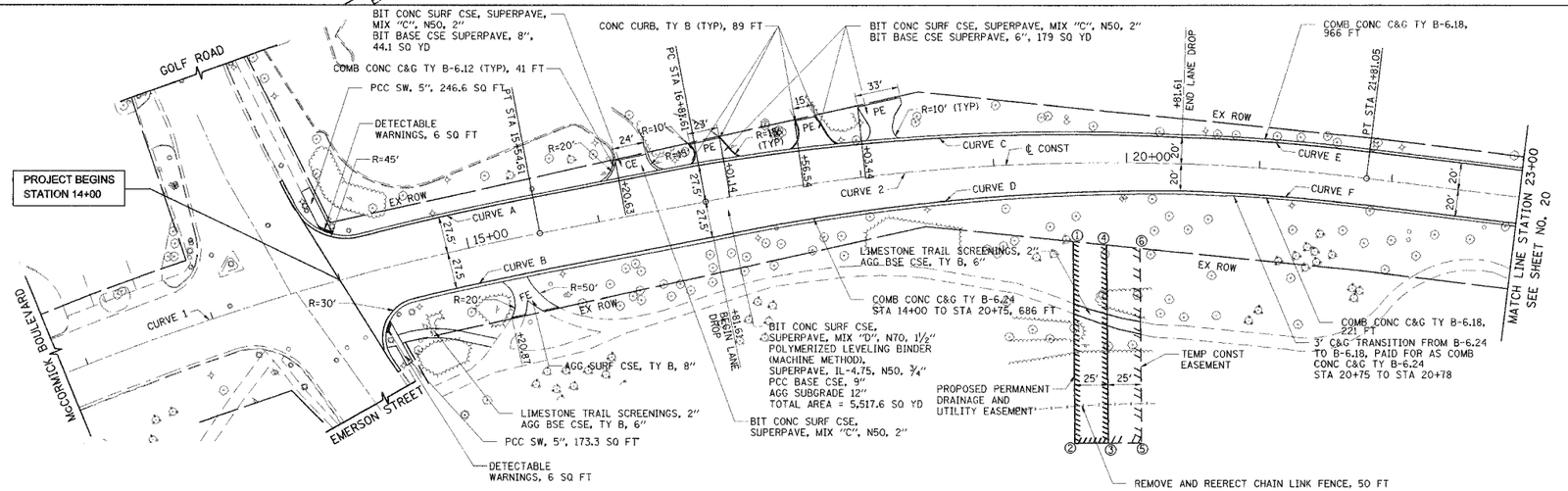
EOP CURVE B
P.I. STA. = 15+02.21 RT
Δ = 3° 07' 40"
D = 3° 01' 39"
R = 1892.50'
T = 51.67'
L = 103.31'
P.C. STA. = 14+49.80 RT
P.T. STA. = 15+54.61 RT

EOP CURVE C
P.I. STA. = 18+61.05 LT
Δ = 12° 38' 49"
D = 3° 28' 19"
R = 1650.25'
T = 182.87'
L = 364.26'
P.C. STA. = 16+81.61 LT
P.T. STA. = 20+40.49 LT

EOP CURVE D
P.I. STA. = 18+61.57 RT
Δ = 12° 41' 15"
D = 3° 34' 40"
R = 1601.44'
T = 178.04'
L = 354.62'
P.C. STA. = 16+81.61 RT
P.T. STA. = 20+41.52 RT

EOP CURVE E
P.I. STA. = 20+09.63 LT
Δ = 5° 12' 41"
D = 3° 39' 42"
R = 1564.70'
T = 71.21'
L = 142.32'
P.C. STA. = 20+40.49 LT
P.T. STA. = 21+81.05 LT

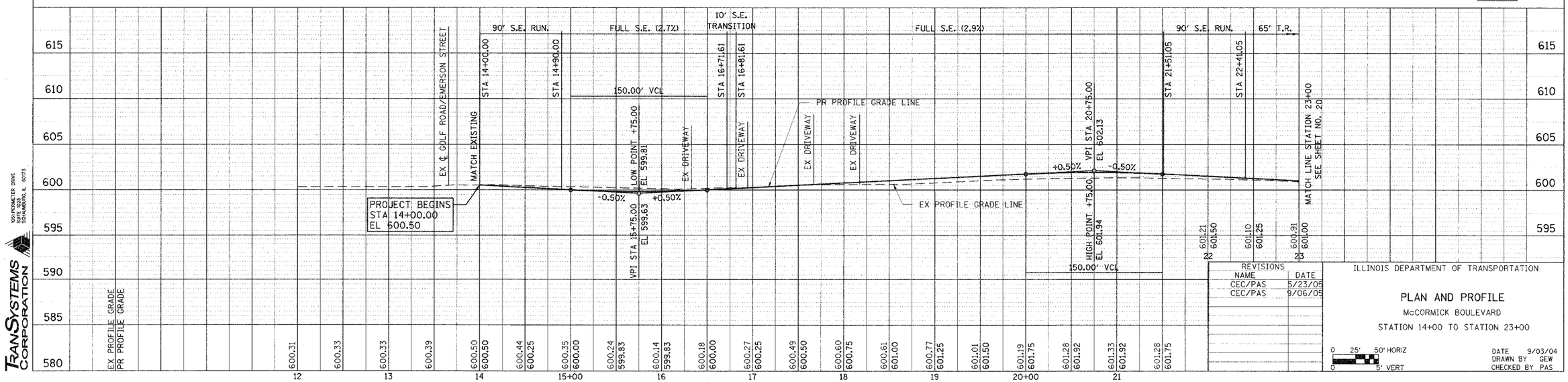
EOP CURVE F
P.I. STA. = 21+11.80 RT
Δ = 4° 55' 24"
D = 3° 34' 23"
R = 1603.50'
T = 68.94'
L = 137.79'
P.C. STA. = 20+41.52 RT
P.T. STA. = 21+81.05 RT



MWRD EASEMENT COORDINATES

	STATION	OFFSET	NORTHING	EASTING
1	19+59.02	59.02' RT	1154183.36	1962738.62
2	19+57.61	210.39' RT	1154279.75	1962621.90
3	19+86.39	210.49' RT	1154299.09	1962637.75
4	19+85.00	61.79' RT	1154204.39	1962752.40
5	20+15.18	210.15' RT	1154318.43	1962653.59
6	20+11.07	64.16' RT	1154225.43	1962766.18

PROPOSED



REVISIONS	
NAME	DATE
CEC/PAS	5/23/05
CEC/PAS	9/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

McCORMICK BOULEVARD

STATION 14+00 TO STATION 23+00

0 25' 50' HORIZ
0 5' VERT

DATE 9/03/04
DRAWN BY GEW
CHECKED BY PAS

TRANSYSTEMS CORPORATION
10A PROMETER DRIVE
SUITE 1025
SCHAUMBURG, IL 60173