

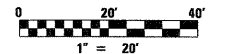
- BENCHMARKS:**
- SE CORNER OF CONCRETE BASE UNDER THE HISTORIC STONE MONUMENT @ THE INTERSECTION OF 119TH STREET AND KEAN AVENUE.
 - SET REBAR WITH CAP AT LAKEWOOD AVENUE STATION 4+12.42, LEFT OFFSET 10.38'. ELEVATION 628.70

CONTROL POINTS

1 PK NAIL STA. 20+39.90 @ 119TH STREET = STA. 6+00.00 @ EX. LAKEWOOD AVE N 1824307.326 E 1118205.374	2 PK NAIL STA. 20+30.11 O/S 14.04' RT 119TH STREET N 1824292.969 E 1118195.988	3 PK NAIL PI STA. 5+05.88 EX. LAKEWOOD AVE N 1824218.499 E 1118237.791
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STATION EQUATION
 STA. 20+61.75 @ 119TH STREET
 STA. 5+94.87 @ PROP. LAKEWOOD AVE.

EXIST. CURVE C1	EXIST. CURVE C2	PROP. CURVE C3
PI STA. = 3+68.61	PI STA. = 5+05.88	PI STA. = 5+18.69
Δ = 26° 14' 27" (LT)	Δ = 18° 33' 59" (RT)	Δ = 36° 42' 20.34" (RT)
D = 30° 42' 52"	D = 25° 20' 45"	D = 38° 11' 49.87"
R = 186.54'	R = 226.05'	R = 150.00'
T = 43.48'	T = 36.95'	T = 49.76'
L = 85.43'	L = 73.25'	L = 96.10'
E = 5.00'	E = 3.00'	E = 8.04'
P.C. STA. = 3+25.13	P.C. STA. = 4+68.93	P.C. STA. = 4+68.93
P.T. STA. = 4+10.56	P.T. STA. = 5+42.18	P.T. STA. = 5+65.02



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DESIGNED - M.J.Y.	REVISED -
DRAWN - S.T. TSC	REVISED -
CHECKED - M.J.Y. SLV	REVISED -
DATE - 07/01/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES & BENCHMARKS
 119TH STREET OVER MILL CREEK**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 17+53.36 TO STA. 22+39.64

C.R. RTE. 213	SECTION 0102B-1	COUNTY COOK	TOTAL SHEETS 54	SHEET NO. 7
D-91-052-02		CONTRACT NO. 62390		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				