

BM51
N. 1874340.015 E. 1139725.531 EL. 630.251
CUT SQUARE ON TOP OF PIER AT NW CORNER
OF CENTRAL AVE. AND NW RAMP.
1.88 FEET NW FROM BACK OF CONCRETE PARAPET WALL.

BM52
N. 1874057.358 E. 1139833.641 EL. 628.112
CUT SQUARE ON TOP OF PIER AT SE CORNER OF
CENTRAL AVE. AND SE RAMP. 1.90 FEET SE FROM BACK
OF CONCRETE PARAPET WALL.

BM53
N. 1874387.735 E. 1139836.315 EL. 629.950
CUT SQUARE ON TOP OF PIER AT NE CORNER OF
CENTRAL AVE. AND NE RAMP. 1.44 FEET NE FROM BACK
OF CONCRETE PARAPET WALL.

BM54
N. 1874010.633 E. 1139723.631 EL. 626.866
CUT SQUARE ON TOP OF PIER AT SW CORNER OF
CENTRAL AVE. AND SW RAMP. 1.15 FEET SW FROM BACK
OF CONCRETE PARAPET WALL.

BM60
N. 1874267.729 E. 1140141.340 EL. 621.124
CUT SQUARE ON TOP OF PIER AT N RETAINING
WALL OF SE RAMP.
APPROX. 1050 FEET E OF CENTRAL AVE.

BM64
N. 1874131.115 E. 1139419.816 EL. 622.030
CUT SQUARE ON TOP OF S CONCRETE RETAINING
WALL OF NW RAMP.
APPROX. 66' FEET E OF RAMP'S ABUTMENT.

BM65
N. 1873896.493 E. 1138873.997 EL. 604.362
CUT SQUARE ON TOP OF N EDGE OF S RETAINING
WALL OF NW RAMP.
APPROX. 318 FEET E OF W END WALL.

BM71
N. 1873592.386 E. 1138570.933 EL. 597.236
CUT SQUARE ON TOP OF W END OF N RETAINING
WALL OF SW RAMP.
APPROX. 1312 FEET W OF CENTRAL AVE.

BM72
N. 1873896.785 E. 1139279.285 EL. 617.935
CUT SQUARE ON TOP OF N RETAINING WALL
OF SW RAMP.
APPROX. 49 FEET W OF RAMP'S ABUTMENT.

BM201
N. 1874493.014 E. 1140262.643 EL. 621.239
CUT SQUARE ON TOP OF S RETAINING WALL
OF NE RAMP.
APPROX. 31 FEET E OF RAMP'S ABUTMENT.

POT STATION	N COORDINATE	E COORDINATE
178+48.47	1,873,273.08	1,137,792.65
200+00.00	1,874,088.85	1,139,782.89
366+83.94	1,872,966.43	1,136,744.71
400+00.00	1,874,308.79	1,139,776.75

BM204
N. 1873419.299 E. 1138251.662 EL. 598.965
CUT SQUARE IN MIDDLE OF CONCRETE FOUNDATION
FOR OVERHEAD SIGN ON S SIDE OF EB I-55.
APPROX 1640 FEET W OF CENTRAL AVE.

BM206
N. 1873880.393 E. 1139566.676 EL. 598.083
SET RR SPIKE ON S FACE OF WOOD POWER POLE.
APPROX. 82 FEET S OF S FACE OF SW RAMP AND
APPROX. 197 FEET SW OF W FACE OF CENTRAL AVE.

BM207
N. 1874216.331 E. 1140190.422 EL. 597.637
SET RR SPIKE ON N FACE OF POWER POLE.
BETWEEN SE RAMP AND RR TRACKS APPROX.
56 FEET E OF RAMP'S ABUTMENT.

BM210
N. 1874415.504 E. 1140044.336 EL. 602.738
CUT SQUARE ON TOP OF NW CORNER OF CONCRETE
BASE FOR TRAFFIC SIGNAL BOX UNDER NE RAMP.
APPROX. 328 FEET E OF CENTRAL AVE.

BM211
N. 1874479.543 E. 1139676.997 EL. 598.506
SET RR SPIKE ON S FACE OF TELEGRAPH POLE S OF RR
TRACK AND N OF I-55. APPROX 59 FEET W OF W FACE OF
CENTRAL AVE. BRIDGE AND APPROX. 41 FEET S OF S RR TRACK.

BM213
N. 1873277.209 E. 1137347.127 EL. 593.421
SET CROSS ON TOP OF CLOSEST BOLT TO I-55 OF SECOND
TALL LIGHT POLE W OF CENTRAL AVE. ON N SIDE OF I-55.
APPROX. 2625 FEET W OF CENTRAL AVE.

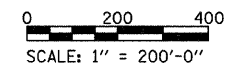
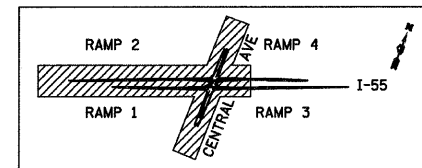
BM214
N. 1874960.185 E. 1139774.350 EL. 587.712
CUT SQUARE ON TOP OF CONCRETE FOUNDATION FOR
CENTRAL AVE. BRIDGE OVER THE IL AND MI CANAL. ON
S EDGE OF CANAL. APPROX. 17 FEET E OF CENTERLINE OF BRIDGE.

BM215
N. 1873591.428 E. 1139702.929 EL. 595.891
SET RR SPIKE ON E FACE OF WOOD POWER POLE WITH
TRANSFORMER ON W SIDE OF FRONTAGE ROAD W OF
CENTRAL AVE. 36 FEET N OF CENTRAL AVE. BRIDGE ABUTMENT.

BM216
N. 1874000.242 E. 1139569.491 EL. 600.383
CUT SQUARE ON TOP OF NW CORNER OF CONCRETE
FOUNDATION FOR LIGHTING CONTROL BOX UNDER SW RAMP.
APPROX. 230 FEET W OF CENTRAL AVE.

BM218
N. 1874101.784 E. 1140108.365 EL. 596.314
FOUND FOUND DISK ON W END OF CONCRETE HEADWALL
FOR BOX CULVERTY ON S SIDE OF I-55.
APPROX. 345 FEET E OF CENTRAL AVE. AND 20 FEET S OF S RR TRACK.

NOTE:
FOR CONTROL POINT TIES
SEE SHEET 3 OF 3



PROP. CURVE SB_RAMPS-1
PI STA. = 384+96.802
N = 1,873,715.319
E = 1,138,395.658
Δ = 1° 08' 44.746"
D = 0° 29' 53.607"
T = 114.989'
L = 229.969'
R = 11500'
E = 0.575'
PC STA. = 383+81.813
N = 1,873,667.817
E = 1,138,290.939
PT STA. = 386+11.783
N = 1,873,760.717
E = 1,138,501.305

PROP. CURVE NB_RAMPS-1
PI STA. = 185+14.314
N = 1,873,502.259
E = 1,138,417.816
Δ = 3° 07' 15.000"
D = 0° 52' 53.305"
T = 177.067'
L = 354.047'
R = 6500'
E = 2.411'
PC STA. = 183+37.247
N = 1,873,441.313
E = 1,138,251.568
PT STA. = 186+91.294
N = 1,873,572.166
E = 1,138,580.499

TYLIN INTERNATIONAL	USER NAME = #USER#	DESIGNED - AZ	REVISED -
	PLOT SCALE = #SCALE#	DRAWN - AZ	REVISED -
	PLOT DATE = 4/28/2011	CHECKED - DMJ	REVISED -
		DATE - 03/25/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTRAL AVENUE OVER I-55
ALIGNMENT BENCHMARKS AND TIES - SHEET 1 OF 3

SCALE: 1" = 200' SHEET NO. 1 OF 3 SHEETS STA. 584+50 TO STA. 623+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-55	0711.2R & 1011.1BR	COOK	741	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60999	