F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHenry	* 266	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62537

D-91-351-02

* 266 * 2:268

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.P. ROUTE 336 (IL. RTE. 31)
SECTION: 112R–N
PROJECT: NHF-0336(051)
AT IL. RTE. 176 AND AT TERRA COTTA AVENUE INTERSECTION RECONSTRUCTION AND TRAFFIC SIGNAL MODERNIZATION
McHENRY COUNTY
C–91–351–02

TRAFFIC DATA

ADT:

IL RTE. 176, TERRA COTTA ROAD TO IL RTE. 31 = 17,671 (2000) 22,000 (2020)
IL RTE. 176, IL RTE. 31 TO SMITH ROAD = 14,198 (2000) 18,000 (2020)
IL RTE. 31, CRYSTAL LAKE AVENUE TO IL RTE. 176 = 27,585 (2000) 36,000 (2020)
IL RTE. 31, IL RTE. 176 TO PRIME PARKWAY = 24,262 (2000) 32,000 (2020)
TERRA COTTA AVENUE = 3,190 (2000) 8,000 (2020)

DESIGN SPEED:

IL RTE. 31 = 45 MPH
IL RTE. 176 = 45 MPH
TERRA COTTA AVENUE = 45 MPH

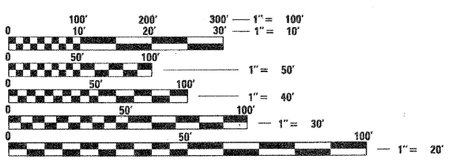
POSTED SPEED LIMIT:

IL RTE. 31 = 40 MPH
IL RTE. 176 = 40 MPH
TERRA COTTA AVENUE = 40 MPH

DESIGN DESIGNATION:

IL. RTE. 31 2975 (20) PRINCIPAL ARTERIAL 11.31 (PCC–20)
IL RTE. 176 1825 (20) PRINCIPAL ARTERIAL 11.31 (PCC–20)

PROJECT LOCATED IN THE CITY OF CRYSTAL LAKE, NUNDA TOWNSHIP AND UNINCORPORATED McHENRY COUNTY



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

IDOT PROJECT ENGINEER: SUNG BYUN (847) 705–4288
IDOT PROJECT MANAGER: KIM HARVEY (847) 705–4055

CONTRACT NO. 62537

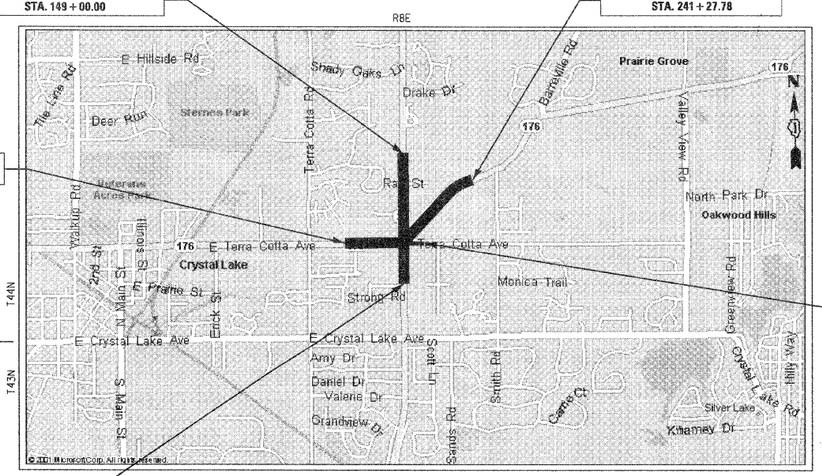
IMPROVEMENTS END–IL. RTE. 31 STA. 149 + 00.00

IMPROVEMENTS END–IL. RTE. 176 STA. 241 + 27.78

IMPROVEMENTS BEGIN–IL. RTE. 176 STA. 206 + 10.77

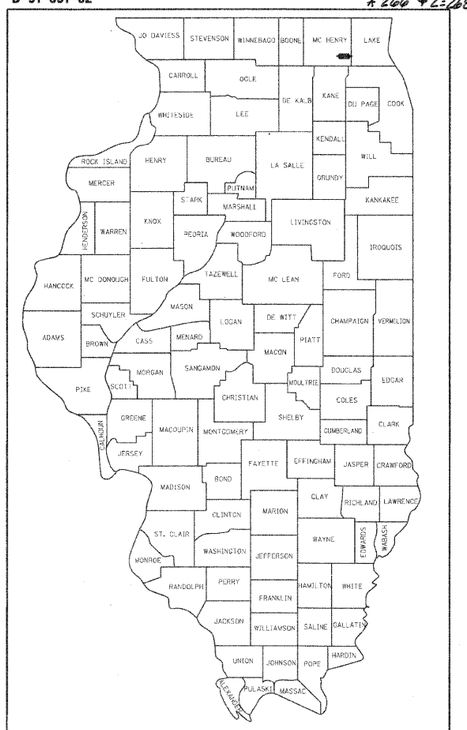
IMPROVEMENT LIMITS–TERRA COTTA AVE. STA. 305 + 00.00

IMPROVEMENTS BEGIN–IL. RTE. 31 STA. 109 + 17.20



NUNDA TOWNSHIP
SCALE: 1" = 2,000'

GROSS & NET LENGTH OF PROJECT: 7,500 FT. (1.42 MILES)



LOCATION OF SECTION INDICATED THUS:–

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 15 20 12

Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 23 20 12

John D. Baranzelli, P.E. for
acting ENGINEER OF DESIGN AND ENVIRONMENT

March 23 20 12

William R. Frey for
acting DIRECTOR OF HIGHWAYS; CHIEF ENGINEER

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GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY, SUITE 306
CHICAGO, IL 60631
(773) 774–5910
SIGNATURE: Raj. Gandhi.
DATE: Feb. 11, 2012
IL LICENSE NO. 062-34993
EXP. DATE: Nov. 30, 2013
FIELD: GANDHI AND ASSOCIATES, INC.
TRAFFIC ENGINEERING
(SHEETS 159 TO 177)

JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
950 WARRENVILLE ROAD, SUITE 101
LISLE, IL 60532
(630) 719–7570
SIGNATURE: Thomas Adamski
DATE: Feb. 10, 2012
IL LICENSE NO. 062–045065
EXP. DATE: NOVEMBER 30, 2013
FIELD: JAMES J. BENES AND ASSOCIATES, INC.
CIVIL ENGINEERING
(SHEETS 1 TO 158 AND 178 TO 266)

Rev.