

8619 W. Bryn Mawr Ave., Suite 602
 Chicago, IL 60631-5551
 773-283-2600 Fax: 773-283-2602
 www.RWAengineers.com
RWA
 Regina Webster & Associates, Inc.
 CIVIL ENGINEERING CONSULTANTS

INDEX OF SHEETS

1. COVER SHEET
2. SUMMARY OF QUANTITIES - SHEET 1 OF 4
3. SUMMARY OF QUANTITIES - SHEET 2 OF 4
4. SUMMARY OF QUANTITIES - SHEET 3 OF 4
5. SUMMARY OF QUANTITIES - SHEET 3 OF 4
6. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 1 OF 7
7. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 2 OF 7
8. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 3 OF 7
9. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 4 OF 7
10. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 5 OF 7
11. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 6 OF 7
12. STANDARD TRAFFIC SIGNAL DESIGN DETAILS - SHEET 7 OF 7
13. TRAFFIC SIGNAL MODERNIZATION PLAN - SHEET 1 OF 2
14. TRAFFIC SIGNAL MODERNIZATION PLAN - SHEET 2 OF 2
15. CABLE PLAN, SCHEDULE OF QUANTITIES & PHASE DESIGNATION DIAGRAM
16. MAST ARM MOUNTED STREET NAME SIGNS

REV STANDARDS

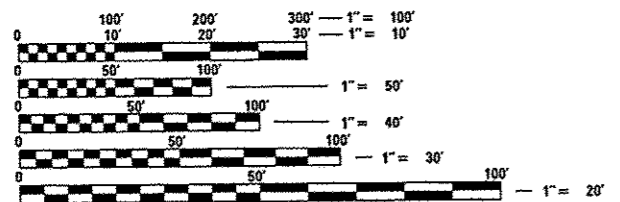
- 05-701006 : OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 04-701011 : OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 04-701101 : OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 04-701301 : LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 09-701606 : URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 09-701701 : URBAN LANE CLOSURE MULTILANE INTERSECTION
- 05-701801 : LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 03-701901 : TRAFFIC CONTROL DEVICES
- 01-720001 : SIGN PANEL MOUNTING DETAIL
- 01-805001 : ELECTRICAL SERVICE INSTALLATION DETAILS
- 02-814001 : HANDHOLES
- 02-814006 : DOUBLE HANDHOLES
- 01-857001 : STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 01-862001 : UNINTERRUPTABLE POWER SUPPLY (UPS)
- 02-873001 : TRAFFIC SIGNAL GROUNDING & BONDING
- 05-877001 : STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 04-878001 : CONCRETE FOUNDATION DETAILS
- 01-880006 : TRAFFIC SIGNAL MOUNTING DETAILS

PROJECT IS LOCATED IN VILLAGE OF WHEELING

DESIGN DESIGNATION

IL RTE 68 - OTHER ARTERIAL
 2013 ADT: 31,300
 POSTED SPEED LIMIT: 50 MPH

PORTWINE RD - LOCAL ROAD
 2013 ADT: 2,250
 POSTED SPEED LIMIT: 35 MPH



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

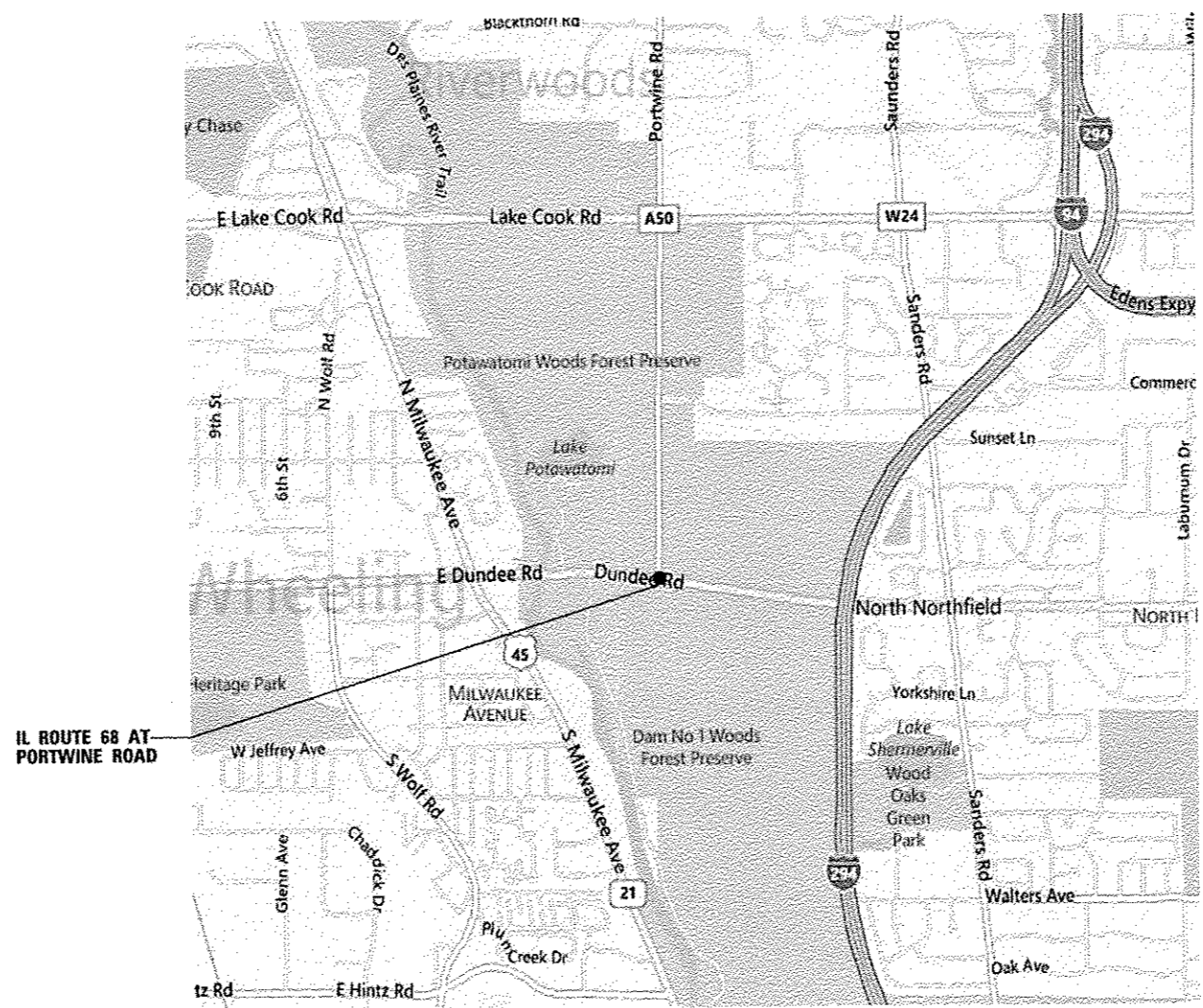
PROJECT ENGINEER: DAVID MEDINA
PROJECT MANAGER: SUDUD MAHMOUD

CONTRACT NO. 60X14

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

FAP 343 (IL ROUTE 68 - PORTWINE ROAD)
SECTION 1618TS
PROJECT: AC NHPP-0068(114)
TRAFFIC SIGNAL INSTALLATION
COOK COUNTY

C-91-018-14



Signed *Daniel Wiktorzak*
 DANIEL WIKTORZAK, P.E., IL. Lic. No. 062-060950
 Expires 11-30-2015
 Date 6/16/14

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED June 27 2014
John Forbes
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Aug 15 2014
John D. Baranzoli, PE
 acting ENGINEER OF DESIGN AND ENVIRONMENT

Aug 15 2014
Omer Osman, PE
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1618TS	COOK	16	1
		ILLINOIS	CONTRACT NO. 60X14	

D-91-018-14