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# HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS ABBREVIATIONS AND SYMBOLS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 602011-01 CATCH BASIN, TYPE C
- 602301-02 INLET, TYPE A
- 602401-02 MANHOLE, TYPE A
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND GRATE, TYPE 1
- 604056-03 FRAME AND GRATE, TYPE 11V
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-03 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 814001-02 HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001-02 TRAFFIC SIGNAL GROUTING & BONDING
- 877001-04 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTOR LOOPS

# LEGEND

- ||||||| BUTT JOINT OR DRIVEWAY BUTT JOINT
- SP (in circle) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- SP (in square) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- VBOX (in circle with A) VALVE BOX TO BE ADJUSTED
- R (in circle) STRUCTURE TO BE REMOVED
- ADJ (in circle) DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- ADJ (in square) DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- EX EXISTING

# SUGGESTED SEQUENCE OF CONSTRUCTION

- STAGE I:**
- BEGIN CONSTRUCTION ON OR BEFORE SEPTEMBER 7, 2010.
  - INSTALL EROSION CONTROL ON THE ENTIRE PROJECT AND ESTABLISH TRAFFIC CONTROL.
  - INSTALL AND TEST TEMPORARY TRAFFIC SIGNAL.
- STAGE II:**
- SWITCH SIGNAL OPERATION FROM SIGNAL EQUIPMENT TO BE REMOVED TO THE TEMPORARY TRAFFIC SIGNAL.
  - REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT AND MAINTAIN SIGNAL EQUIPMENT TO REMAIN.
  - CONSTRUCT STORM SEWER, MOVE/INSTALL FIRE HYDRANTS, BEGIN REMOVING CURB AND GUTTER AND SIDEWALK.
- STAGE III:**
- CONSTRUCT CURB AND GUTTER AND RIGHT TURN LANE PAVEMENT (THRU HMA BASE COURSE).
  - CONSTRUCT PROPOSED TRAFFIC SIGNAL EQUIPMENT AVAILABLE.
  - COMPLETE HMA SURFACE REMOVAL AND INSTALL LEVELING BINDER.
  - INSTALL PROPOSED DETECTOR LOOPS IN THE LEVELING BINDER.
  - CONSTRUCT PROPOSED SIDEWALK
- STAGE IV:**
- INSTALL SURFACE COURSE
  - INSTALL PERMANENT PAVEMENT MARKINGS.
  - COMPLETE TOPSOIL AND SOD RESTORATION (THE VILLAGE OF CARY RESERVES THE RIGHT TO DELAY INSTALLING SOD. TEMPORARY EROSION CONTROL MEASURES SHALL STABILIZE PARKWAYS. THESE SHALL BE MAINTAINED BY THE CONTRACTOR AND REMOVED PRIOR TO INSTALLING SOD. THE VILLAGE SHALL DETERMINE WHEN SOD RESTORATION CAN BE COMPLETED. THE COST TO MAINTAIN AND REMOVE TEMPORARY EROSION CONTROL MEASURES SHALL BE INCLUDED IN THAT PAY ITEM).
  - COMPLETION DATE NOVEMBER 3, 2010 (58 CALENDAR DAYS).  
WORK SHALL BE SUSPENDED UNTIL REMAINING SIGNAL EQUIPMENT IS RECEIVED BY THE CONTRACTOR, AS DETERMINED BY THE ENGINEER.
- STAGE V:**
- NOTIFICATION SHALL BE GIVEN TO THE ENGINEER WHEN REMAINING SIGNAL EQUIPMENT IS RECEIVED.  
THE WORK SUSPENSION SHALL BE LIFTED ON A DATE AGREED TO BY THE ENGINEER, CONTRACTOR, AND VILLAGE.
  - REMAINING SIGNAL EQUIPMENT SHALL BE INSTALLED.
  - TEST NEW SIGNAL EQUIPMENT.
  - SWITCH SIGNAL OPERATION FROM THE TEMPORARY SIGNAL TO THE NEW SIGNAL EQUIPMENT.
  - REMOVE TEMPORARY TRAFFIC SIGNAL EQUIPMENT.
  - COMPLETE PUNCH LIST ITEMS, REMOVE EROSION CONTROL (ONCE SOD ESTABLISHES) AND REMOVE TRAFFIC CONTROL.
  - FINAL COMPLETION 6 WORKING DAYS AFTER WORK SUSPENSION IS LIFTED.

# BENCHMARKS (NAVD 88)

- BM#1 CHISELED "X" AT NW CORNER OF TRAFFIC SIGNAL DOUBLE HANDHOLE AT SOUTHWEST CORNER OF THREE OAKS ROAD AND SILVER LAKE ROAD  
ELEV. = 824.18
- BM#2 SOUTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT ON WEST SIDE OF SILVER LAKE ROAD ACROSS FROM \*1091 (BARN) @ STA. 14+02  
ELEV. = 833.80
- BM#3 RAILROAD SPIKE IN SW SIDE OF POWER POLE WITH LIGHT AND UNDERGROUND AT NW CORNER OF THREE OAKS AND SILVER LAKE ROAD (TO BE RELOCATED BY UTILITY)  
ELEV. = 825.99

# VILLAGE OF CARY PHONE NUMBERS

- PUBLIC WORKS 847-639-0003
- POLICE DEPT. 847-639-2341
- FIRE DEPT. 847-639-2121

- \* F.A.U. 4051 THREE OAKS ROAD
- \* F.A.U. 4052 SILVER LAKE ROAD

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 STATE OF ILLINOIS PROFESSIONAL DESIGNER  
 STATE LICENSE NO. 031-000014-0000-0000  
 DATE OF LICENSE EXPIRES 3/31/2010  
 PROJECT NO. 09-00058-00-CH  
 PROJECT NAME: VILLAGE OF CARY, ARRA INTERSECTION IMPROVEMENTS  
 SHEET NO. 2638CC



DESIGNED - MWP/DSH	REVISED - 01-04-10 PER IDOT
DRAWN - MAC	REVISED - 03-01-10 PER IDOT
CHECKED - RWL	REVISED -
DATE - 03-01-10	FILE -060197-P2-gen-notes.sht

**VILLAGE OF CARY, ILLINOIS**  
**THREE OAKS ROAD AND SILVER LAKE ROAD**  
**ARRA INTERSECTION IMPROVEMENTS**

**INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS, LEGEND,**  
**BENCHMARKS AND CONSTRUCTION STAGING**

SCALE:	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00058-00-CH	MCHENRY	53	2
				CONTRACT NO. 63381
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT: ARA-9003635				