

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007, AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS"; ADOPTED JANUARY 1, 2009 WITH THE DETAILS IN THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR HIS REPRESENTATIVES. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ANY AND ALL MATERIALS AND DEBRIS FROM THE SITE THAT RESULT FROM CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL EXISTING AREAS (TO REMAIN) AFFECTED BY CONSTRUCTION ACTIVITIES, EQUIPMENT, OR LABORERS TO THE ORIGINAL UNDISTURBED CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL THE COMPLETION OF THE CONTRACT.
- REMOVAL OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE DISPOSED OF OFF SITE AT LOCATIONS PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS PRESENT IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE END OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT, AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTORS' FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS, OR REMOVAL OF UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL PLAN THEIR WORK BASED ON THEIR OWN SOIL BORINGS, EXPLORATIONS, AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK. HOWEVER, THE OWNER HAS A SOILS REPORT AND THE RESULTS WILL BE AVAILABLE FROM THE OWNER UPON WRITTEN REQUEST.
- EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF- SITE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND SHALL ERECT THEM AT TEMPORARY LOCATIONS. AS SOON AS CONSTRUCTION OPERATIONS PERMIT, THE CONTRACTOR SHALL SET THE MAILBOXES AT THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE, AT THE CONTRACTOR'S EXPENSE, ANY MAILBOX OR POST WHICH HAS BEEN DAMAGED BY THE CONTRACTOR'S OPERATIONS. THE COST ASSOCIATED WITH ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT.
- THE COST ASSOCIATED WITH THE INSTALLATION OF PROPOSED MEDIAN SIGN BOX-OUTS SHALL BE INCLUDED IN THE COST FOR "CONCRETE MEDIAN, TYPE SB-6.06" AND "STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)"

DRAINAGE

- DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.
- THE CONTRACTOR SHALL RECONNECT ALL EXISTING DRAINAGE TILES FOUND DURING EXCAVATION TO THE NEW STORM SEWER LINES IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS. THE COST OF INSTALLING THIS CONNECTION IS INCLUDED IN THE CONTRACT.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.
- CEMENT BRICKS AND NON-SHRINK MORTAR SHALL BE USED IN ALL STORM STRUCTURES

STRUCTURAL DESIGN DATA - WASHINGTON STREET

2003 ADT - 25,100
 DESIGN LIFE - 20 YEARS
 GROWTH RATE - 3% / YEAR
 DESIGN ADT - 34,889

TRAFFIC FACTOR DESIGN PARAMETERS
 73.3 KIP LOAD
 CLASS 1
 TRAFFIC FACTOR - 3.97
 SUBGRADE SUPPORT RATING - POOR

DESIGN AC MIXTURE TEMPERATURE - 76°
 DESIGN AC MICRO STRAIN - 68.75
 DESIGN BITUMINOUS CONCRETE MODULUS - 650
 REQUIRED PAVEMENT THICKNESS - 12 IN

UTILITIES

- WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF EXISTING UTILITY FACILITIES, SUCH INFORMATION ONLY REPRESENTS THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH FACILITIES AND IS ONLY INCLUDED FOR THE CONTRACTOR'S CONVENIENCE. THE ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN IN THE PLAN RELATING TO THE LOCATION OF EXISTING FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES RELEVANT TO THEIR EXACT LOCATIONS, AND TO SCHEDULE ALL NECESSARY UTILITY RELOCATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE OF NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE CONTRACTOR'S SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE SEQUENCE SCHEDULE OF WORK TO COORDINATE WITH THE RELOCATION SCHEDULE OF CONFLICTING UTILITY COMPANIES.
- THE COST ASSOCIATED WITH THE REMOVAL OF THE EXISTING POLES FOR TEMPORARY INTERCONNECT BETWEEN CEMETERY ROAD AND TRI-STATE PARKWAY SHALL BE INCLUDED IN THE COST FOR "TEMPORARY TRAFFIC SIGNAL INTERCONNECT."

EARTH EXCAVATION

- PAYMENT FOR THE REMOVAL OF EXISTING AGGREGATE BASE COURSE, AND AGGREGATE SHOULDER SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM FOR EARTH EXCAVATION.
- EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES, CONSTRUCT DRIVEWAYS, OR CONSTRUCT SIDE ROAD APPROACHES SHALL BE INCLUDED IN EARTH EXCAVATION.
- ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, ROADWAY WIDENING, SIDE ROADS, ENTRANCES OR NECESSARY EXCAVATIONS SHALL BE USED IN THE ROADWAY EMBANKMENT. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE INCLUDED IN EARTH EXCAVATION.

DRIVEWAYS AND ENTRANCES

- EXISTING BITUMINOUS, CONCRETE, AND GRAVEL DRIVEWAYS AND ENTRANCES SHALL BE RECONSTRUCTED TO THE RIGHT-OF-WAY AS SHOWN IN THE PLANS.
- THE CONTRACTOR SHALL CONSTRUCT ALL PRIVATE DRIVEWAYS AND FIELD ENTRANCES IN ACCORDANCE WITH THE PLANS AND THE FOLLOWING REQUIREMENTS:
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS DURING ALL STAGES OF CONSTRUCTION. THE COST TO PROVIDE THIS UNINTERRUPTED ACCESS SHALL BE PAID SEPARATELY, ITEMS FOR "AGGREGATE FOR TEMPORARY ACCESS" AND "TEMPORARY RAMP" IS INCLUDED IN THE CONTRACT.

UTILITY COMPANY CONTACT INFORMATION

NORTH SHORE GAS COMPANY

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 847-263-4687

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 ROLLING MEADOWS, IL 60008
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COMMONWEALTH EDISON

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 LIBERTYVILLE, IL 60048
 ATTN: MS. TERRI BLECK
 MANAGER, PUBLIC RELOCATION GROUP
 847-816-5239

ADESTA

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 ROMEVILLE, IL 60446
 ATTN: MR. CHRIS ROBERTS
 630-739-0546

VILLAGE OF GURNEE

325 NORTH O'PLAINE ROAD
 GURNEE, IL 60031
 ATTN: SCOTT DRABICKI, P.E.
 847-599-7550

AT&T CORPORATION

1000 COMMERCE DRIVE
 OAK BROOK, IL, 60523
 ATTN: MR. HECTOR GARCIA
 630-573-5465

I.D.O.T. (DISTRICT 1) HIGHWAY STANDARD DRAWINGS

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|------|---|
| BD05 | CONCRETE MEDIAN TYPE SB (DOWELED) AND CORRUGATED MEDIAN (MODIFIED) |
| BD07 | STORM SEWER CONNECTION TO EXISTING SEWER |
| BD08 | FRAMES AND LIDS ADJUSTMENT WITH MILLING; AND FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING |
| BD32 | BUTT JOINTS AND HMA TAPER |
| BD36 | FIRE HYDRANT TO BE MOVED |
| BD51 | BENCHING CONSTRUCTION DETAIL |

INDEX OF STANDARD DRAWINGS

L.C.D.O.T. STANDARD DRAWINGS

LC0012	5 LANE TO 2 LANE DROP OR ADD	LC6620	BICYCLE RAILING
LC0020	TRENCH WIDTHS FOR TRENCH BACKFILL & PAVEMENT REPLACEMENT, BITUMINOUS	LC6650	WITNESS POST
LC2000	UNDERCUT DETAIL	LC7000	MODIFIED STANDARD 701011
LC2050	TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OR DRAINAGE DITCH	LC7001	MODIFIED STANDARD 701501
LC2051	SEGMENTAL CONCRETE BLOCK WALL	LC7200	DIRECTIONAL INDICATOR BARRICADES
LC2101	PERIMETER EROSION BARRIER INSTALLATION	LC7201	TEMPORARY CONSTRUCTION INFORMATION SIGNS
LC3000	CURB & GUTTER SUBGRADE OPTIONS	LC7800	TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS
LC4054	TYPICAL SECTION 10' HOT -MIX ASPHALT BIKE PATH - VICINITY OF CURB & GUTTER	LC7802	SHORT TERM PAVEMENT MARKINGS
LC4100	TYPICAL MINOR ACCESS (PRIVATE ENTRANCE)	LC8501	TRAFFIC SIGNAL CONTROLLER CABINET WITH ATTACHED BATTERY BACK-UP CABINET
LC4121	MAILBOX TURNOUT ALONG CURBED ROADS	LC8900	VIDEO DETECTION DETAILS
LC4201	CURBED RAMPS WITH DETECTABLE WARNINGS, TRAFFIC SIGNAL POSTS & MAST ARMS	LC8901	TEMPORARY AUTOSCOPE INSTALLATION
LC4202	CONCRETE WASHOUT FACILITIES		
LC6020	SUB -SURFACE DRAINS		
LC6320	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (RADIAL)		

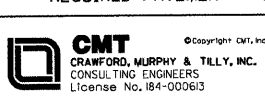
I.D.O.T. HIGHWAY STANDARD DRAWINGS

000001 - 05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006 -	DECIMAL OF AN INCH AND OF A FOOT
280001 - 04	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 07	PAVEMENT JOINTS
542301 - 02	REINFORCED CONCRETE FLARED END SECTION
542401 - 01	METAL END SECTION FOR PIPE CULVERTS
602001 - 01	CATCH BASIN, TYPE A
602006 - 02	CATCH BASIN, TYPE B
602011 - 01	CATCH BASIN, TYPE C
602301 - 02	INLET, TYPE A
602401 - 02	MANHOLE, TYPE A
602406 - 03	MANHOLE, TYPE A, 1.8m (6') DIAMETER
602601 - 02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701 - 02	MANHOLE STEPS
604001 - 03	FRAME AND LIDS, TYPE 1
604031 - 02	GRATE, TYPE 7
604036 - 02	GRATE, TYPE 8
604091 - 02	FRAME AND GRATE, TYPE 24
606001 - 04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301 - 04	PC CONCRETE ISLANDS AND MEDIANS
606306 - 03	CORRUGATED PC CONCRETE MEDIANS
630101 - 08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
641001 - 01	SIGHT SCREEN CEDAR STOCKADE FENCE TYPE S
664001 - 02	CHAIN LINK FENCE
701001 - 02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') AWAY
701006 - 03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701021 - 03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701306 - 02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326 - 03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701501 - 05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502 - 03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602 - 04	URBAN LANE CLOSURE, MULTI LANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606 - 06	URBAN LANE CLOSURE, MULTI LANE, 2W WITH MOUNTABLE MEDIAN
701901 - 01	TRAFFIC CONTROL DEVICES
720011 - 01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 - 02	HANDHOLES
814006 - 02	DOUBLE HANDHOLES
857001 - 01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001 - 01	UNINTERRUPTED POWER SUPPLY (UPS)
873001 - 02	TRAFFIC SIGNAL GROUNDING & BONDING
876001 - 01	PEDESTRIAN PUSH BUTTON POST
877006 - 03	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011 - 04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001 - 07	CONCRETE FOUNDATION DETAILS
880001 - 01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006 - 01	TRAFFIC SIGNAL MOUNTING DETAILS

GENERAL NOTES

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1016	02-00110-12-WR	LAKE	206	2
CONTRACT NO. 63209			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



DESIGNED - SJP	REVISED -
DRAWN - SJP	REVISED -
CHECKED - KDN	REVISED -
DATE - 05/29/09	REVISED -



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