

INDEX OF SHEETS

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COMMITMENTS:

- ALL WETLANDS IDENTIFIED BY THE INHS ADJACENT TO THE EXISTING AND PROPOSED RIGHT-OF-WAY ARE TO BE PROTECTED FROM INTRUSION AND SEDIMENTATION. PROTECTIVE FENCING AND SILT FENCING WILL BE INSTALLED TO RESTRICT ENTRY BY PERSONNEL, EQUIPMENT, AND SUPPLIES. THE LOCATION OF THE WETLAND SITES SHALL BE SHOWN ON THE CONSTRUCTION DOCUMENTS.
- THE STONE PILLARS STANDING ON EITHER SIDE OF THE ENTRANCE TO DEL MAR WOODS SUBDIVISION SHALL REMAIN UNDISTURBED.
- THE SIGN AT THE ENTRANCE TO DEERFIELD/BANNOCKBURN FIRE PROTECTION DISTRICT (STA. 61+57.71, 71.2' RT) SHALL REMAIN UNDISTURBED DURING RECONSTRUCTION.
- THIS PROJECT WILL REQUIRE AUTHORIZATION UNDER NPDES PERMIT #: ILR10 FOR CONSTRUCTION SITE ACTIVITIES. ADDITIONALLY, THE PROJECT WILL REQUIRE AUTHORIZATION UNDER THE US ARMY CORPS OF ENGINEERS SECTION 404 RP3 - TRANSPORTATION PROJECTS AND RP7 - TEMPORARY CONSTRUCTION ACTIVITIES.

STATE STANDARDS

202001-01	EARTH MEDIAN DITCH CHECK
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 M) JOINTED PCC PAVEMENT
420106-04	36' (10.8 M) JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
420501-04	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
542401-01	METAL END SECTION FOR PIPE CULVERTS
542606-01	REINFORCED CONCRETE PIPE TEE
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602301-02	INLET, TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A, 1.8 M (6') DIAMETER
602501-01	VALVE VAULT TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604056-03	FRAME AND GRATE, TYPE 11V
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
606201-02	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701206-02	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701431-05	LANE CLOSURE, MULTILANE, UNDIVIDED WITH Crossover, FOR SPEEDS > 45 MPH TO 55 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-01	PEDESTRIAN PUSH BUTTON POST
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-01	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
877006-03	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-1	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- 10' TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIAN IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF BANNOCKBURN AND HIGHLAND PARK AND OTHER AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL STORM SEWER CONNECTIONS WITH PIPES 2' DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 2' DIAMETER OPENINGS OF THE SPECIFIED DIAMETER, SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR THE PROPOSED STORM SEWER LARGER THAN 2' WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR STORM SEWERS.
- REMOVAL OF TEMPORARY PIPE CULVERTS AND TEMPORARY CATCH BASINS SHALL BE CONSIDERED INCLUDED TO THEIR RESPECTIVE PAY ITEMS.
- WHEN CONSTRUCTING SIDEWALK RAMPS FOR THE HANDICAPPED, STATE STANDARD 424001 USE TYPE B RAMPS UNLESS OTHERWISE SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2" WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1" WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER SHALL CONTACT AREA TRAFFIC FIELD ENGINEER DEBIE HANLON AT 847-438-2300, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- NOSE RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH STATE STANDARD 606301, THE PROPOSED NOSE WILL BE PAID FOR AT CONTRACT UNIT PRICE PER SQ. YD. FOR CONCRETE MEDIAN.
- ON STATE STANDARDS 482001 AND 483001 AGGREGATE SUBGRADE 12" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF "AGGREGATE SUBGRADE 12".
- USE NO. 25 (#8) EPOXY-COATED TIE BARS CONFORMING TO ART. 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BARS AS SHOWN ON STATE STANDARD 420001 AND FOR TIEING PC CONCRETE WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.
- TYPE II BARRICADES WHEN USED FOR APPROACH TAPERS, AS INDICATED ON THE STATE STANDARDS OR SHOWN ON THE PLANS SHALL BE SAFETYCADE DIRECTION INDICATOR BARRICADES MANUFACTURED BY WLI INDUSTRIES, INC. 880 ADDISON, P.O. BOX 7050, VILLA PARK, IL 60181-7050 OR EQUIVALENT. THE CONTRACTORS BID PRICES FOR TRAFFIC CONTROL ITEMS SHALL INCLUDE THE COST OF THESE BARRICADES.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- PROJECT CONVERTED FROM METRIC TO ENGLISH UNITS. METRIC POT Sta 108+810.626 = APPROXIMATELY ENGLISH POT Sta 41+09.24 BASED ON THE ILLINOIS STATE TOLLWAY CONTRACT # I-07-5223 PLANS.
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

20. SEEDING, CLASS 2A AND TOPSOIL, FURNISH AND PLACE, 4" SHALL BE PLACED ON THE MEDIAN FROM PRAIRIE WOLF SLOUGH TO LANDEN LANE (STA. 125+00 TO STA. 130+00). WORK SHALL BE DONE BY CONTRACTOR.

FILE NAME	USER NAME = #USER#	DESIGNED LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL. ROUTE 22 INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\ILRTE22\2009 REVISIONS\CADD Sheets\1160860-shi-gennote.dwg		DRAWN DC	REVISED -					337	20R-4	LAKE	232	2
		CHECKED JP	REVISED -									
		DATE 05/14/2010	REVISED -									
SCALE: NTS						SHEET NO. 2 OF 232 SHEETS		STA.		TO STA.		
											CONTRACT NO. 60860	
											ILLINOIS FED. AID PROJECT	

Rev. 8-31-10

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE									
CODE NO.	ITEM	UNIT	TOTAL QTY.	80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	80% FED./10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED./10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED./13.3% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK J000-2A	100% BANNOCKBURN J000-2A
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4									4	
* 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	2									2	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4			1	1	1	1				
* 89502380	REMOVE EXISTING HANDHOLE	EACH	37			8	15	8	6				
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	33			9	9	9	6				
* A2000320	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10									10	
* A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5									5	
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	52										52
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	19										19
* A2005620	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6									6	
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	22										22
* A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	22										22
* B2001916	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4										4
* B2005516	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	20										20
* B2006220	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12									12	
* B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5									5	
* C2007218	SHRUB, ROSA KNOCKOUT (KNOCKOUT ROSE), 18" HEIGHT, CONTAINER	EACH	260									260	
* C2005818	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 18" WIDTH, CONTAINER	EACH	200									200	
* K0012990	PERENNIAL PLANTS, GALLON POT ORNAMENTAL TYPE	UNIT	23.14									23.14	
* K0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	22.07									22.07	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	313										313
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	431										431
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	100	100									
Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	895										895
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	90										90
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	30										30
Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	405										405
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	488	488									
* Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	16,334							16,334			

* SPECIALTY ITEMS □ 100% PARTICIPATION - VILLAGE OF HIGHLAND PARK Y031-3D