

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346		LAKE	469	4
STA.	TO STA.			
FED. ROAD DIST. NO. D-91-404-99		ILLINOIS	FED. AID PROJECT	
* 125X-HB-(1&2) R-1		CONTRACT * 6082		

**GENERAL NOTES:**

- THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.
- 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). CONTACT MR. DAVID ZIEGLER, DIRECTOR OF ENGINEERING, VILLAGE OF GURNEE AT (847) 599-7550 OR MR. ROB DENIS, SUPERINTENDENT OF PUBLIC WORKS AT (847) 599-6800 FOR WATER AND SEWER LOCATIONS.
- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTERS AND MEDIAN ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED LARGER ITEM OF SPECIFIED WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET A YARD OR FIELD OFFICE ON STATE RIGHT-OF-WAY OR PROPERTY WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL). ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- NIGHT OPERATIONS: WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AS WELL AS THE ADJOINING RESIDENTIAL AREAS.
- ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCHES IN 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 PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE INVOLVED STORM SEWERS.
- USE NO.8 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.1 (B)(2) OF THE STANDARD SPECIFICATION FOR LONGITUDINAL CONSTRUCTION JOINT, GROUTED-IN-PLACE TIE BARS, AS SHOWN ON STATE STANDARDS 420001, AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).
- BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- SPECIAL UTILITY NOTE: DUE TO THE CONSTRUCTION ACTIVITIES BY OTHERS IN THE PROJECT AREA, UTILITY LOCATIONS SHOWN ON THESE PLANS MAY NOT BE CORRECT OR COMPLETE. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (SEE NOTE 2) PRIOR TO CONSTRUCTION AND COORDINATE ACTIVITIES WITH THE ENGINEER.
- THE REMOVAL OF EXISTING DRIVEWAY AND FIELD ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION, RIGID PAVEMENTS, AND PIPE CULVERT REMOVALS SHALL BE PAID FOR SEPARATELY.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- STORM SEWER - WATER MAIN QUALITY IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 1.5 FEET ABOVE THE STORM SEWER CROWN.
- STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE SEWER.
- BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL REVIEW DRAINAGE SCHEDULES FOUND IN THE PLANS AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. CONTACT MR. GARY WILWERDING AT UNION PACIFIC RAILROAD AT (708) 649-5210.
- WHEN TRENCHING OR PUSHING CONDUIT OR PERFORMING WORK WITHIN OR NEAR RAILROAD ROW, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING QUALIFIED FLAGGERS ACCEPTABLE TO THE DEPARTMENT AND THE RAILROAD COMPANY WITH JURISDICTION OVER THE RAILROAD WITHIN THE LIMITS OF THE PROJECT.
- GUARDRAIL REFLECTORS SHALL NOT BE INSTALLED ON "TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL), TANGENT".
- RESIDENT ENGINEER SHALL CONTACT MS. DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER, AT (847) 438-2300 TWO WEEKS PRIOR TO THE INSTALLATION OF PERMANENT PAVEMENT MARKING.

- THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER, WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED.
- THE FOLLOWING PARCELS SHOWN ON THE R.O.W. PLATS ARE NOT INCLUDED IN THIS CONTRACT: 1EU0019, 1EU0019TE, 1EU0020, 1EU0020TE, 1EU0021, 1EU0021TE, 1EU0022, 1EU0023, 1EU0024, 1EU0025, 1EU0026, 1EU0044, 1EU0044TE, 1EU0029, 1EU0029TE, 1EU0030TE, 1EU0031, 1EU0031TE, 1EU0032, 1EU0032TE, 1EU0033TE.
- THIS PROJECT HAS BEEN SIGNED OFF IN-HOUSE (IDOT, DISTRICT 1) FOR SPECIAL WASTE. IF THE PROPOSED SCOPE OF WORK CHANGES, OR IF ADDITIONAL R.O.W./TEMPORARY EASEMENTS ARE REQUIRED, PLEASE CONTACT THE IDOT, DISTRICT 1 ENVIRONMENTAL STUDIES UNIT AT (847) 705-4101 TO DISCUSS ANY POTENTIAL IMPACTS.

**INDEX OF STATE STANDARDS**

STD. NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	7.2M (24') JOINTED PCC PAVEMENT
420106-04	10.8M (36') JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
420201-07	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)
420301-04	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)
420401-06	BRIDGE APPROACH PAVEMENT
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
482006-03	HOT-MIX ASPHALT SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HOT-MIX ASPHALT SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-02	NAME PLATE FOR BRIDGES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION FOR 600MM (24") THRU 1350MM (54") PIPE
542401	METAL END SECTION FOR PIPE CULVERTS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN, TYPE A
602006-01	CATCH BASIN, TYPE B
602011	CATCH BASIN, TYPE C
602301-01	INLET, TYPE A
602306-01	INLET, TYPE B
602401-01	MANHOLE, TYPE A
602406-02	MANHOLE, TYPE A, 1800MM (72") DIAMETER
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE B
604091-01	FRAME AND GRATE, TYPE 24
606001-03	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIANS
606306-02	CORRUGATED PC CONCRETE MEDIANS
606401	PAVED DITCH
630001-07	STEEL PLATE BEAM GUARDRAIL
630201-05	PCC/HOT-MIX ASPHALT STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING AT TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MOUNTING AND MARKER DETAILS
637001-03	CONCRETE BARRIER 815MM (32 INCH) HEIGHT
664001-01	CHAIN LINK FENCE
701006-02	OFF-ROAD OPERATIONS, 2L 2W, 4.5 M (15') TO 600MM (24") AWAY. SPEEDS>45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-04	LANE-CLOSURE, FREEWAY/EXPRESSWAY
701411-04	LANE-CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS>45 MPH
701416-05	LANE-CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
701606-05	LANE-CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN, FOR SPEEDS<45 MPH
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE-CLOSURE, MULTILANE 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE, FOR SPEEDS<45 MPH
701901	TRAFFIC CONTROL DEVICES
704001-04	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS (SIGN, MARKERS, AND DELINEATORS)
720016-01	MAST ARM MOUNTED STREET NAME SIGNS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPE A AND TYPE B METAL POSTS
731001	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-01	TYPICAL PAVEMENT MARKINGS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	CONCRETE HANDHOLES
814006-01	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001	UNINTERRUPTIBLE POWER SUPPLY
877001-03	STEEL MAST ARM ASSEMBLY AND POLE
877006-02	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-03	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-00	CONCRETE FOUNDATION DETAILS
880006	TRAFFIC SIGNAL MOUNTING DETAILS

REVISIONS	
NAME	DATE
ANNA ZYSMAN	06-17-08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. 41 (SKOKIE HIGHWAY)  
AT IL ROUTE 132  
GENERAL NOTES, LIST OF  
ILLINOIS DOT HIGHWAY STANDARDS  
AND PROJECT COMMITMENTS  
SCALE: NONE DRAWN BY:  
DATE: MAY 12, 2008 CHECKED BY: