

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123, ILLINOIS DEPARTMENT OF TRANSPORTATION, THE VILLAGE OF SCHAUMBURG, AND COOK COUNTY FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE OR PRIVATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE VILLAGE OR OWNER.
4. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
5. FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT AND APPURTANANCES FROM MATERIAL TO REMAIN, IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS". THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
6. REMOVAL OF EXISTING COMBINATION CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL" REGARDLESS OF THE CURB AND GUTTER TYPE.
7. REMOVAL OF EXISTING AGGREGATE SHOULDERS SHALL BE PAID FOR AS PART OF "EARTH EXCAVATION."
8. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. OFFSETS TO DRAINAGE STRUCTURES ALONG CURBS ARE GIVEN TO THE EDGE OF PAVEMENT. ALL OTHER DRAINAGE STRUCTURE OFFSETS ARE GIVEN TO THE CENTER OF THE STRUCTURE.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
10. BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
11. PRIOR TO PLACING BITUMINOUS CONCRETE MIX ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE EXPOSED EDGE SHALL BE CLEANED OF LOOSE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE BITUMINOUS CONCRETE BEING PLACED.
12. BITUMINOUS CONCRETE SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL WORK INCLUDING EARTH EXCAVATION, TOP SOIL PLACEMENT, AND BITUMINOUS CONCRETE BINDER COURSE HAS BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
13. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
14. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
15. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED, ONE (1) SAND BAG ACROSS EACH BOTTOM RAIL. TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SANDBAGS.
16. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ANY SIGN LOCATED IN THE PUBLIC RIGHT-OF-WAY WHICH INTERFERES WITH CONSTRUCTION OF THE PROPOSED ROADWAY WORK OR LIGHTING SYSTEM, THAT IS INTENDED TO BE MAINTAINED SHALL BE RELOCATED. THIS WORK IS INCIDENTAL TO THIS PROJECT. ALL WORK INVOLVING SIGN REMOVAL SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - A. A SIGN LOG SHALL BE CREATED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. A COPY SHALL BE GIVEN TO THE ENGINEER FOR REVIEW. UPON REVIEW BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A COPY TO THE VILLAGE OF SCHAUMBURG DEPARTMENT OF ENGINEERING.
 - B. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - C. EVERY SIGN RELOCATED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT WAS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF TEMPORARY SETTING. THIS WORK INCLUDES PROVIDING A SIGN POST FOR THE TEMPORARY LOCATION, SHOULD SUCH A POST BE NECESSARY.
 - D. ALL SIGNS SHALL BE RE-ERECTED IN THE ORIGINAL LOCATION AS THE IMPROVEMENTS ARE COMPLETED.
 - E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SIGNS DAMAGED BY HIS/HER CONSTRUCTION ACTIVITIES AND WILL REPLACE THEM AT NO COST TO THE VILLAGE. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
17. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR PER EACH AS "REMOVE SIGN PANEL ASSEMBLY" OF THE TYPE REQUIRED.
18. A SHRINKAGE FACTOR OF 15% HAS BEEN USED TO CALCULATE THE QUANTITY FOR "FURNISHED EXCAVATION".

STATE STANDARDS INCLUDED

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-05 PAVEMENT JOINTS
- 420106-02 36" JOINTED PCC PAVEMENT
- 420111-01 PCC PAVEMENT ROUNDOUTS
- 420401-05 BRIDGE APPROACH PAVEMENT
- 424001-03 CURB RAMP FOR SIDEWALKS
- 542301 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542311 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
- 542601 REINFORCED CONCRETE PIPE ELBOW
- 602001 CATCH BASIN TYPE A
- 602011 CATCH BASIN TYPE C
- 602301 INLET TYPE A
- 602401 MANHOLE TYPE A
- 602406-01 MANHOLE TYPE A 72" DIAMETER
- 602601 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701 CAST IRON STEPS
- 604001-02 FRAME AND LIDS TYPE 1
- 604036-01 GRATE, TYPE 8
- 604051-01 FRAME AND GRATE, TYPE 11
- 604056-01 FRAME AND GRATE, TYPE 11V
- 604091-01 FRAME AND GRATE, TYPE 24
- 606001-02 CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
- 606006 OUTLET FOR CONC. CURB AND GUTTER TYPE B-6.24
- 606301-02 PC CONCRETE ISLANDS AND MEDIANS
- 606306-01 CORRUGATED PC CONCRETE MEDIANS
- 630001-05 STEEL PLATE BEAM GUARDRAIL
- 631011-02 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631031-05 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 637001-02 CONCRETE BARRIER, DOUBLE FACE
- 701001-04 OFF-ROAD OPERATIONS 2L, 2W, 15' MIN. AWAY FOR SPEEDS 45 MPH
- 701006-02 OFF-ROAD OPERATIONS 2L, 2W, 15' TO PAVEMENT EDGE FOR SPEEDS 45 MPH
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE LESS THAN 15' AWAY FOR SPEEDS 45 MPH
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY ON-ROAD TO 24' OFF-ROAD FOR SPEEDS 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701326-02 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS 45 MPH
- 701421-04 LANE CLOSURE, MULTILANE DAY OPERATIONS ONLY FOR SPEEDS 45 MPH TO 55 MPH
- 701422-04 LANE CLOSURE MULTILANE FOR SPEEDS 45 MPH TO 55 MPH
- 701606-04 URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
- 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-03 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001-05 TRAFFIC CONTROL DEVICES
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006 SIGN PANEL ERECTION DETAILS
- 720016-01 MAST ARM MOUNTED STREET NAME SIGNS
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 805001 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001 CONCRETE HANDHOLES
- 814006 DOUBLE HANDHOLES
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 877001-02 STEEL MAST ARM ASSEMBLY AND POLE
- 878001-03 CONCRETE FOUNDATION DETAILS
- 880001 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001 DETECTOR LOOP INSTALLATIONS
- 886006 TYPICAL LAYOUT FOR DETECTION LOOPS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS, BENCHMARKS
- 3-6 SUMMARY OF QUANTITIES
- 7-8 SCHEDULE OF QUANTITIES
- 9-10 ALIGNMENT & TIES
- 11-12 RIGHT OF WAY PLANS
- 13-17 TYPICAL SECTIONS
- 18-37 REGIONAL DETOUR PLAN, MAINTENANCE OF TRAFFIC, CONSTRUCTION STAGING
- 38-39 SEDIMENT AND EROSION CONTROL PLANS
- 40-41 REMOVAL PLANS
- 42-45 ROADWAY PLAN & PROFILE
- 46-47 INTERSECTION DETAIL PLANS
- 48-51 DRAINAGE & UTILITY PLAN & PROFILE
- 52-55 INTERSECTION GRADING & JOINTING PLANS
- 56-57 PAVEMENT MARKING PLANS
- 58-60 CONSTRUCTION DETAILS
- 61-67 LANDSCAPING AND IRRIGATION PLANS AND DETAILS
- 68-99 TRAFFIC SIGNAL PLANS AND DETAILS
- 100-117 LIGHTING PLANS
- 118-145 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	00-00068-01-WR	COOK	145	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NUMBER 83785				

BENCHMARKS

- BM*1130:**
 SET ALUMINUM CAP IN CONCRETE WITH STATION 1130.
 LOCATION: NORTHWEST CORNER LOT 1 IN WINDY POINT OF SCHAUMBURG. (SOUTH OF I-90, EAST OF MEACHAM ROAD, 39.34' NORTH OF NE CORNER OF PUMP HOUSE, 38.75' NORTH OF NW CORNER OF PUMP HOUSE)
 DATA: ILLINOIS EAST STATE PLANE
 NORTHING 1964219.26
 EASTING 1062685.45
 ELEVATION 741.30 (NGVD 1929)
- BM*1009:**
 2" ALUMINOUM CAP GROUTED IN CONCRETE, MARKED "1009"
 LOCATION: APPROXIMATE CENTER OF EXISTING MEDIAN ALONG MEACHAM ROAD, 308.5' NORTH OF EXISTING BRIDGE OVER NORTHWEST TOLLWAY.
 DATA: ILLINOIS EAST STATE PLANE
 NORTHING 1964863.446
 EASTING 1062611.343
 ELEVATION 757.53 (NGVD 1929)

FURTHER BENCHMARK INFORMATION AVAILABLE FROM THE VILLAGE OF SCHAUMBURG.

BITUMINOUS MIXTURE REQUIREMENTS			
PAY ITEM	AC TYPE	VOIDS	MAX RAP %
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N 70	PG 64-22	4% @ 70 GYR	10
BITUMINOUS BASE COURSE, SUPERPAVE B"	SBS/SBR PG 58-22	2% @ 50 GYR	50
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N 50	PG 64-22	4% @ 50 GYR	15
POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX F, N90	SBS/SBR PG 70-22	4% @ 90 GYR	0
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N 50	SBS PG 58-22	4% @ 50 GYR	25

UNIT WEIGHT FOR ALL BITUMINOUS SURFACE MIX IS 112 LBS/SQ YD/IN
 UNIT WEIGHT FOR ALL BITUMINOUS BINDER MIX IS 115 LBS/SQ YD/IN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MEACHAM ROAD
 GENERAL NOTES
 STATE STANDARDS**

DESIGNED BY KRY
 CHECKED BY RRM

DATE 12/20/04