

GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	29R-T	McHENRY	88	3
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
JOB D-91-190-01		CONTRACT NO. 62202		

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON McHENRY COUNTY, VILLAGE OF HARVARD OR STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM McHENRY COUNTY OR THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

ALL SAWCUTTING ON THE ROADWAY ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL ITEM INVOLVED.

ALL BARRICADES AND TRAFFIC CONTROL DEVICES NOTED IN CONTRACT DOCUMENTS AND DEEMED NECESSARY BY THE ENGINEER SHALL BE PLACED PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR WILL NOT REMOVE ANY UTILITY, CONDUIT, OR VAULT WITHIN THE LIMITS OF THE PROJECT UNTIL AFTER RECEIVING WRITTEN PERMISSION FROM THE UTILITY COMPANY OR AGENCY INVOLVED AND PERMISSION FROM THE ENGINEER.

ALL AREAS DAMAGED OR DISTURBED IN THE COURSE OF THE CONTRACTORS OPERATIONS OF THIS IMPROVEMENT, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

THE FINAL TOP ONE HUNDRED MILLIMETER (100mm) OF SOIL IN AREA DISTURBED BY THE CONTRACTOR MUST BE REPLACED AT NO ADDITIONAL COST TO THE CONTRACT.

THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSES, UNLESS OTHERWISE INDICATED.

CONCRETE BREAKER: WHEN REMOVING PAVEMENT, CURB AND GUTTER, OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES IF ANY WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

WHEREVER THE PLANS CALL FOR THE REMOVAL OF EXISTING CONCRETE PAVEMENT, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A FULL DEPTH SAWCUT OF THE PAVEMENT AT THE LIMIT OF REMOVAL.

THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION PERMIT FROM THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR), OFFICE OF WATER RESOURCES FOR ANY TEMPORARY CONSTRUCTION ACTIVITY PLACED IN THE WATER EXCEPT COFFERDAMS. THIS SHALL INCLUDE THE PLACEMENT OF MATERIAL FOR RUN-AROUNDS, CAUSEWAYS, ETC. ANY PERMIT APPLICATION BY THE CONTRACTOR SHALL REFER TO THE IDNR PERMIT NUMBER AS PER SPECIAL PROVISION WHICH WAS ISSUED FOR PERMANENT CONSTRUCTION.

3-m TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 2.0 L/m².

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR WILL CALL "J.U.L.I.E." AT (800)-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

THE CONTRACTOR WILL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES AND MUNICIPALITIES INVOLVED.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

WHEN ARTIFICIAL LIGHTING IS USED FOR NIGHT OPERATIONS THE CONTRACTOR WILL MAKE CERTAIN THAT THE LIGHTING WILL NOT CAUSE GLARE OR OTHER VISIBILITY PROBLEMS TO THE MOTORING PUBLIC OR NEARBY RESIDENTIAL AREAS.

THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 LBS/30.40. IN.

THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

THERE IS A CONTAMINATED SOIL ON THE PROJECT SITE. THE UTILITY COMPANIES ARE REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE WILL NOT EXCEED 40MM WHERE THE SPEED LIMIT IS 80KPH OR LESS OR 25MM WHERE THE SPEED LIMIT IS OVER 80KPH. WITH WRITTEN APPROVAL FROM THE ENGINEER A MAXIMUM GRADE DIFFERENTIAL OF 75MM MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 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 DETAIL" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR WILL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE TRAFFIC CONTROL PLAN EXCEPT FOR SNOW REMOVAL OPERATIONS.

ALL ELEVATIONS REFER TO U. S. G. S. MEAN SEA LEVEL DATUM.

PRIVATE UTILITY FRAME AND GRATE ADJUSTMENTS WITHIN THE LIMITS OF THIS PROJECT WILL BE DONE BY THEIR RESPECTIVE OWNERS.

THE CONTRACTOR AT CONTRACTOR'S EXPENSE WILL REPLACE ALL FRAMES AND GRATES DAMAGED BY THE CONTRACTOR.

PRECAST REINFORCED CONCRETE FLAT SLAB TOPS WILL BE REQUIRED ON CATCH BASINS AND MANHOLES IN ACCORDANCE WITH HIGHWAY STANDARD 602601 WHEN THE RIM-TO-INVERT DEPTH IS SUCH THAT IT PRECLUDES THE USE OF A CONE SECTION AND AT LOCATIONS SHOWN ON THE PLANS.

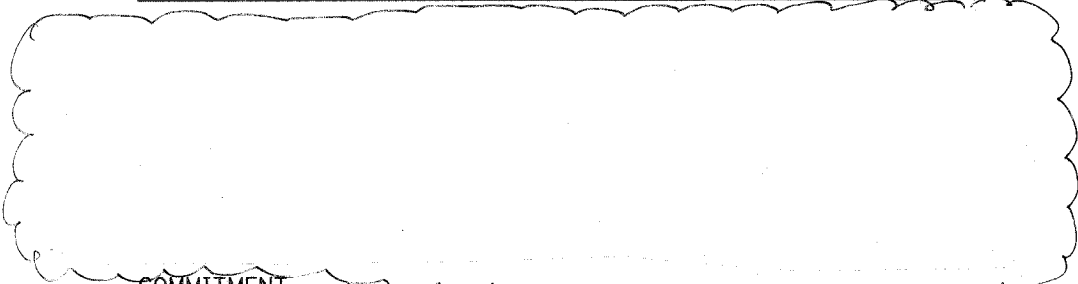
TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKING PLACEMENT THE CONTRACTOR WILL CONTACT THE AREA TRAFFIC FIELD ENGINEER TO VERIFY WHETHER PREFORMED PLASTIC PAVEMENT MARKINGS ARE STILL APPLICABLE DUE TO CURRENT OR ANTICIPATED WEATHER CONDITIONS

BOX ITEMS ARE INCIDENTAL TO OTEHR ITEMS IN THIS CONTRACT:

ALL STORM SEWER CONNECTIONS WITH PIPES 685MM IN DIAMETER OR LESS WILL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 685MM IN DIAMETER OPENINGS OF THE SPECIFIED DIAMETER WILL 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 WILL BE INCLUDED IN THE COST OF THE SEWER.

USE NO. 25 (NO. 8) EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.10 (B) (2) OF THE STANDARD SPECIFICATION FOR LONGITUDINAL CONSTRUCTION JOINT, GROUTED-IN-PLACE TIE BARS AS SHOWN ON STATE STANDARD 420001, CURRENT VERSION. THIS IS INCLUDED IN THE COST OF THE PAVEMENT ITEM BEING CONSTRUCTED.

THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED DRAINAGE STRUCTURES OR SEWERS WILL BE INCLUDED IN THE UNIT PRICES OF THE VARIOUS STORM SEWERS BEING CONNECTED.



COMMITMENT

THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SO THAT THE TEMPORARY EASEMENT (SEE PLAT OF SURVEY FOR LIMITS) WILL REMAIN OPEN DURING TIMES OF SCHEDULED DELIVERIES FOR THE BUSINESS AT THIS LOCATION AND DURING TIMES WHEN THE CONTRACTOR IS NOT ACTUALLY WORKING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 US 14 - MOKELER CREEK TO N. OF
 IL. 173 AND AT UPRR
GENERAL NOTES
 SCALE: NONE
 DATE FEBRUARY, 2005
 DRAWN BY R.A.D.
 CHECKED BY DR. SSS

Rev.

Revised 4/18/05

SOODAN & ASSOCIATES INC.
 Architects, Engineers & Construction Consultants

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONST. TYPE CODE				
				ROADWAY	CULVERT	RETAINING WALLS	TRAFFIC	HIGHWAY LIGHTING
				100% STATE 1000 - 2A	100% STATE X028-2A	100% STATE Y007	100% STATE Y031-1F	100% CITY Y030-1E
20101100	TREE TRUNK PROTECTION	EACH	3	3				
28000510	INLET FILTERS	EACH	10	10				
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1			
50500505	STUD SHEAR CONNECTORS	EACH	2,277			2,277		
51500100	NAME PLATES	EACH	1		1			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2				
60404950	FRAMES AND GRATES, TYPE 24	EACH	2	2				
60500040	REMOVING MANHOLES	EACH	2	2				
60500060	REMOVING INLETS	EACH	5	5				
* * 66900450*	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1				
* * 66900530*	SOIL DISPOSAL ANALYSIS	EACH	2	2				
* * 66900635*	LEAD TCLP SOIL ANALYSIS	EACH	4	4				
* * 66900640*	VOCS AND SVOCS SOIL ANALYSIS	EACH	4	4				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	3	3	4	2	
67100100*	MOBILIZATION	L SUM	1	0.3	0.3	0.3	0.1	
70101700*	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1				
70400300	TEMPORARY CONCRETE BARRIER, TERMINAL SECTION	EACH	4	4				
* * 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	40	40				
* * 78100105*	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	18	18				
* * 78200530*	BARRIER WALL MARKERS, TYPE C	EACH	31	31				
* * 81400100	HANDHOLE	EACH	1				1	
* * 87900200	DRILL EXISTING HANDHOLE	EACH	4				4	
* * 88500100	INDUCTIVE LOOP DETECTOR	EACH	1				1	
* * 89502380*	REMOVE EXISTING HANDHOLE	EACH	2				2	
M5426010	GRATING FOR CONCRETE FLARED END SECTION 300MM	EACH	1	1				
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	6	6				
M2020010	EARTH EXCAVATION	CU M	548	548				

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				ROADWAY	CULVERT	RETAINING WALLS	TRAFFIC	HIGHWAY LIGHTING
				100% STATE 1000 - 2A	100% STATE X028-2A	100% STATE Y007	100% STATE Y031-1F	100% CITY Y030-1E
M2070220	POROUS GRANULAR EMBANKMENT	CU M	1197				1197	
M2080150	TRENCH BACKFILL	CU M	121	121				
M2113100	TOPSOIL FURNISH AND PLACE, 100MM	SO M	1,066	1,066				
M2500210	SEEDING, CLASS 2A	HA	0.1	0.1				
M2500312	SEEDING, CLASS 4A	HA	0.1	0.1				
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	11	11				
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	11	11				
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	11	11				
M2510630*	EROSION CONTROL BLANKET	SO M	1,066	1,066				
M2800250*	TEMPORARY EROSION CONTROL SEEDING	KG	35.2	35.2				
M2800400	PERIMETER EROSION BARRIER	METER	325	325				
M2810107	STONE RIPRAP, CLASS A4	SO M	136		136			
M2820100	FILTER FABRIC FOR USE WITH RIPRAP	SO M	136		136			
M3111100	SUB-BASE GRANULAR MATERIAL, TYPE B 100MM	SO M	1,279	1,279				
M3530245	PORTLAND CEMENT CONCRETE BASE COURSE 245MM	SO M	1,162	1,162				
M4060100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	1,111	1,111				
M4060980	BITUMINOUS SURFACE REMOVAL-BUTT JOINT	SO M	43	43				
M4061000	BITUMINOUS REPLACEMENT OVER PATCHES	M TON	6	6				
M4060300	AGGREGATE (PRIME COAT)	M TON	5	5				
M4205000	BRIDGE APPROACH PAVEMENT	SO M	251	251				
M4206100	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO M	50	50				
M4240125	PORTLAND CEMENT CONCRETE SIDEWALK 125MM	SO M	224	224				
M4400065	BITUMINOUS SURFACE REMOVAL 65MM	SO M	994	994				
M4400375*	BITUMINOUS REMOVAL OVER PATCHES 75MM	SO M	29	29				
M4402000	PAVEMENT REMOVAL	SO M	1,025	1,025				
M4402040	COMBINATION CURB AND GUTTER REMOVAL	METER	295	295				
M4402050	SIDEWALK REMOVAL	SO M	347	347				
M4402060*	APPROACH SLAB REMOVAL	SO M	223	223				

* DENOTES SPECIAL PROVISION REQUIRED
 ** SPECIALTY ITEMS

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