

GENERAL CONSTRUCTION NOTES PAVING AND STORM SEWERS

SPECIFICATIONS

THE LATEST EDITIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY GOVERN OTHER WORK ON THIS PROJECT AS INDICATED BY REFERENCE.

CARE IN EXCAVATION

CARE SHALL BE EXERCISED BY THE CONTRACTOR IN CARRYING OUT EARTH AND/OR TRENCHING OPERATIONS SO THAT LOCAL SERVICES, WATER VALVES, MANHOLES, CATCH BASINS, INLETS, BUFFALO BOXES, AND OTHER STRUCTURES ARE NOT DAMAGED OR REMOVED. ANY DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NOTIFICATION OF PUBLIC UTILITIES

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OFFICIALS OF THE PUBLIC WORKS DEPARTMENT OF THE LOCAL MUNICIPALITY, J.U.L.I.E. AT 1-800-892-0123, AND OTHER PUBLIC AND PRIVATE UTILITIES SO THAT ARRANGEMENTS CAN BE MADE TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AS WELL AS TO PROVIDE ADEQUATE PROTECTION AND INSPECTION THERETO. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.

TRAFFIC CONTROL DEVICES

BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ADEQUATE LIGHTING SHALL BE MAINTAINED FROM DUSK TO DAWN AT ALL LOCATIONS WHERE CONSTRUCTION OPERATIONS WARRANT, OR AS DESIGNATED BY THE ENGINEER.

PROTECTION OF SIGNS AND PROPERTY

ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLES 107.20 AND 107.21 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

SUPERINTENDENCE

SPECIAL ATTENTION IS DRAWN TO ARTICLE 105.06 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WHICH REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVING CONTROL OF ALL THE WORK AS THE AGENT OF THE GENERAL CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.

SAWING EXISTING IMPROVEMENTS

ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT THE PROPOSED IMPROVEMENT AND MUST BE REMOVED, SHALL BE SAWS AS DIRECTED PRIOR TO REMOVAL. ALL ITEMS SO REMOVED SHALL BE REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR BETTER. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR THE REMOVAL OF EACH ITEM, AND REPLACEMENT WILL BE PAID FOR UNDER THE RESPECTIVE ITEMS IN THE CONTRACT UNLESS OTHERWISE INDICATED. SAW CUTTING FOR PATCHES WILL BE INCIDENTAL TO THE PATCHING ITEM.

CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WOODEN STAKES OR OTHER LAYOUT MATERIALS FOR LAYOUT OF THE LINES AND GRADES OF THE PROJECT. FAILURE TO PROVIDE STAKES IN A TIMELY MANNER WILL RESULT IN A DELAY IN STAKEOUT WHICH WILL BE APPLICABLE AGAINST THE TIME LIMIT FOR COMPLETION SHOWN IN THE PROJECT SPECIFICATIONS. LINE AND GRADE WILL BE ESTABLISHED BY THE ENGINEER AT REGULAR INTERVALS ON PERMANENTLY PAVED SURFACES, SIDEWALKS OR STAKES AT THE ENGINEER'S OPTION, ALL WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL BE TRANSFERRED BY THE CONTRACTOR TO THE ACTUAL LINE OF CONSTRUCTION.

PROJECT SAFETY

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.

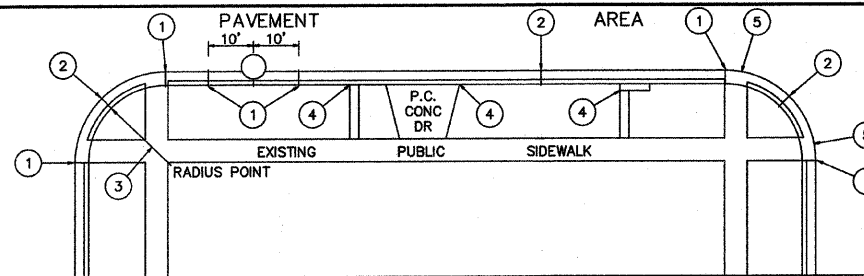
WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 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 HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS, OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE DOCUMENTS AND SPECIFICATIONS.

ALL ITEMS ASSOCIATED WITH CURB AND GUTTER, DRIVEWAYS AND PATCHING WILL NOT EXCEED THE QUANTITIES LISTED IN THE SUMMARY OF QUANTITIES.



- EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT TEN FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE.
- CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS.
- ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- DEPRESS CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED, FOR THE CONSTRUCTION OF RAMPED SIDEWALKS FOR ACCESS BY THE HANDICAPPED.

JOINT DETAILS

SUMMARY OF QUANTITIES

Item No	Description	Unit	Quantity
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	150
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	463
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	2,340
40600300	AGGREGATE (PRIME COAT)	TON	30
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,300
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	245
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2,620
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	5,241
42400800	DETECTABLE WARNINGS	SQ FT	10
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	22,404
44000600	SIDEWALK REMOVAL	SQ FT	5,241
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	120
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	906
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	1,359
44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	22,649
60248700	VALVE VAULT, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3
60266800	VALVE BOXES TO BE ADJUSTED	EACH	3
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	80
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,200
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	40
70300220	TEMPORARY PAVEMENT MARKING - LINE, 4"	FOOT	9,400
70300240	TEMPORARY PAVEMENT MARKING - LINE, 6"	FOOT	800
70300260	TEMPORARY PAVEMENT MARKING - LINE, 12"	FOOT	400
70300280	TEMPORARY PAVEMENT MARKING - LINE, 24"	FOOT	500
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,100
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	FOOT	40
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE, 4"	FOOT	9,400
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE, 6"	FOOT	800
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE, 12"	FOOT	400
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE, 24"	FOOT	500
* 81400115	HANDHOLES TO BE ADJUSTED	EACH	5
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	400
XX003435	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	15
* XX006257	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	69

* SPECIALTY ITEM

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2779	08-00165-00-RS	COOK	15	2
F.H.W.A. REG.	ILLINOIS	PROJECT	ARA-9003(176)	
CONTRACT NO. 63203				

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PROJECT

CITY OF BERWYN, ILLINOIS
EAST AVENUE LAPP RESURFACING
MFT SECTION NO. 08-00165-00-RS

REVISIONS				
NO.	BY	DATE	DESCRIPTION	
2	JEF	6-24-09	PER I.D.O.T. REVIEW	
3	JEF	7-09-09	PER BERWYN	
4	JEF	7-09-09	PER I.D.O.T. REVIEW	
5	JEF	7-16-09	PER I.D.O.T. REVIEW	

GENERAL NOTES
JOINT DETAILS
SUMMARY OF QUANTITIES

PROJECT NO. 06077	SCALE NONE	SHEET 2
DRAWN/DESIGNED JEP/AMS	DATE APRIL, 2009	OF 15
CHECKED/APPROVED JFP/JEF	FIELD BOOK NO. FILE	SHEETS