

GENERAL NOTES

ALL REFERENCES TO THE STANDARD SPECIFICATIONS THROUGHOUT THE PLANS SHALL BE INTERPRETED AS THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

THE CONTRACTOR SHALL COOPERATE WITH THE CITY IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PLACE DURING THE CONTRACTORS OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND ALL THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

EXPENSE INVOLVED IN CONNECTING PROPOSED SEWER TO EXISTING SEWER OR PROPOSED SEWER TO EXISTING SEWER STRUCTURES OR PROPOSED SEWER STRUCTURES TO EXISTING SEWER WITH A CONCRETE COLLAR OR AS SPECIFIED BY THE ENGINEER SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING CONNECTED.

ALL STEEL PLATES, FRAMES, GRATES, LIDS AND BOXES REMOVED FROM EXISTING WATER SERVICE OR SEWER STRUCTURES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BE THE PROPERTY OF THE CONTRACTOR. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR STOCKPILING AND DISPOSAL OF THESE ITEMS.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE WORDING CAST INTO THE LID AS FOLLOWS:

- ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD **STORM**.
- ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORD **SANITARY**.
- ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD **WATER**.

THIS SHALL BE CONSIDERED INCIDENTAL TO THE FRAME AND CLOSED LID PROVIDED.

SAW CUTTING OF EXISTING CURB AND GUTTER, SIDEWALK AND DRIVEWAYS REQUIRED FOR THE CONSTRUCTION OF THIS IMPROVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

SAWCUTTING OF CONCRETE PAVEMENT AND CURBS SHALL COMMENCE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELLING AND WITHIN SIX HOURS OF CONCRETE PLACEMENT. IN NO CASE SHALL CONCRETE BE ALLOWED TO SIT OVERNIGHT BEFORE SAWCUTTING COMMENCES.

ALL RADI FOR PROPOSED CURB AND GUTTER OR PROPOSED CURB ARE TO THE BACK OF CURB AND SHALL BE AS SPECIFIED IN THE PLANS.

STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH THE TRENCH BACKFILL DETAIL AS ILLUSTRATED IN THE PLANS AND WITH ARTICLE 650.07 OF THE STANDARD SPECIFICATIONS. COMPACTION OF BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH METHOD 1 ONLY. METHOD 2 AND 3 WILL ONLY BE PERMITTED UPON APPROVAL OF THE ENGINEER.

STORM SEWER STRUCTURES OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS FROM THE TRANSIT LINE AS SHOWN ON THE PLANS:

- FOR STRUCTURES IN THE CURB LINE: TO THE EDGE OF PAVEMENT
- FOR ALL OTHER STRUCTURE LOCATIONS: TO THE CENTER OF THE STRUCTURE

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ALL SIDEWALKS AT ALLEY AND ROADWAY INTERSECTIONS SHALL BE CONSTRUCTED WITH HANDICAPPED RAMPS IN ACCORDANCE WITH THE CORRESPONDING DETAIL INCLUDED IN THE PLANS.

ALL AREAS OF DEPRESSED CURB SHALL BE LOCATED IN THE FIELD BY THE ENGINEER PRIOR TO CURB PLACEMENT.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.

ANY SHEETING OR SHORING USED ON THIS IMPROVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.

ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.

EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED. ANY SIGNS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT HIS EXPENSE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT	0.08	GAL/SQ YD OR .375 GAL/SQ YD
BITUMINOUS CONCRETE SURFACE COURSE	0.002	TONS/SQ YD
NITROGEN FERTILIZER NUTRIENT	112	LBS/SQ YD/INCH
PHOSPHORUS FERTILIZER NUTRIENT	90	LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LBS/ACRE
MIXTURE FOR CRACKS, JOINTS & FLANGWAYS	0.0003	TONS/SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS/SQ YD
LEVEL BINDER (MACHINE METHOD)	112	LBS/SQ YD/INCH

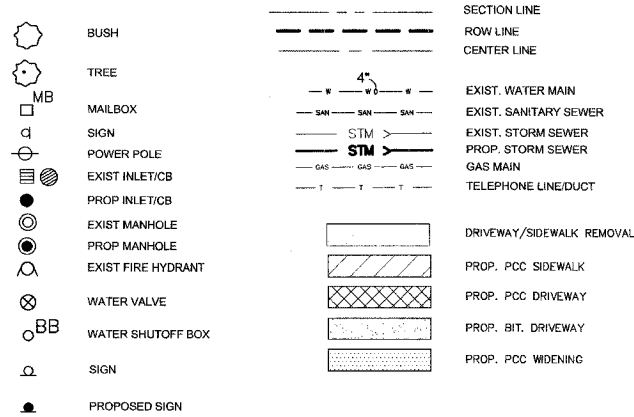
UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT.

JULIE NUMBER IS 1-800-892-0123

SIGN PANELS AND TREES SHALL BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER.

SAWCUTTING OF EXISTING PAVEMENT FOR BITUMINOUS SURFACE REMOVAL OPERATIONS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF BITUMINOUS SURFACE REMOVAL.

LEGEND

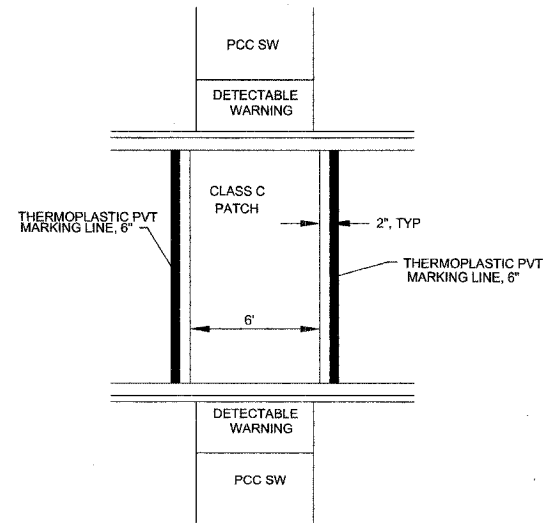


**SIDEWALK REMOVAL
PCC & PATTERNED SIDEWALK**

CROSS STREET	STATION	SIDE	PCC SW, 4" SQ. FT.	PCC SW, 8" SQ. FT.	PATTERNED CONC SW, 5" SQ. FT.	SW REMOVAL SQ. YD.
	5+25 TO 6+00	LT	558			1050
	6+00 TO 9+62	LT	2966			1785
	9+62 TO 10+42	LT		524		
	10+42 TO 11+00	LT	418			
	9+52 TO 9+78.5	LT			19	
	9+84.5 TO 10+06.5	LT			21	
	10+42 TO 10+64	LT			13	
BUCKLIN	SW QUAD	RT	220			97
	SE QUAD	RT				280
	11+00 TO 12+12	LT	625			
MALCOLM	NE QUAD	LT	285			90
CAMPBELL	NW QUAD	LT	250			125
CAMPBELL	SW QUAD	RT	400			130
CAMPBELL	SE QUAD	RT	295			135
	15+61 TO 16+50	LT	515			383
	16+50 TO 18+52.5	LT	1074			965
	17+94	LT	18			18
	18+77.5 TO 22+00	LT	1685			1703
PROSPECT	SW QUAD	RT	255			105
PROSPECT	SE QUAD	RT	245			105
ARGYLE	SW QUAD	RT	210			80
ARGYLE	SE QUAD	RT	215			85
CLEVELAND	NW QUAD	LT	295			225
CLEVELAND	NE QUAD	LT	475			475
ILLINOIS	SW QUAD	RT	300			100
ILLINOIS	SE QUAD	RT	434			115
	24+42	LT	62			72
TOTAL			11780	524	53	8083

	Superpave Binder	Superpave Surface	Superpave Level Binder
PG Grade	PG58-22	PG58-22	PG58-22
Max % RAP Allowable**	25%	15%	25%
Design Air Voids	3.0% @ N50	3.0% @ N50	3.0% @ N50
Mixture Composition	IL 19.0	IL 12.5 or IL 9.5	IL 9.5
Friction		Mixture C	
Aggregate			
Method	Cores/Nuclear	Cores/Nuclear	

**If RAP option is selected, the asphalt cement grade may need to be adjusted. This will be determined by the Engineer.



CROSSWALK DETAIL

NTS

F.A.U. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
6085	03-00069-00-FP	LASALLE	25	2
ILLINOIS PROJECT M-5036(91)				
CONTRACT NO. 87276				

**SUMMARY OF QUANTITIES
O'CONNOR AVE**

CONSTRUCTION TYPE CODE 1000

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY
20800150	TRENCH BACKFILL	CU YD	950
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1476
21400100*	GRADING AND SHAPING DITCHES	FOOT	160
25000110	SEEDING, CLASS 1A	ACRE	0.30
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27
35400100	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	SQ YD	115
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	650
40600300	AGGREGATE (PRIME COAT)	TON	16
42300200*	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	180
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	11780
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	524
42400800*	DETECTABLE WARNINGS	SQ FT	340
44000030*	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	8120
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	787
44000300*	CURB REMOVAL	FOOT	2692
44000800	SIDEWALK REMOVAL	SQ FT	8083
44201353*	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	210
44201357*	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	147
44201359*	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	25
550B0050*	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	271
550B0340*	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	262
550B0360*	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	289
550B0606*	STORM SEWERS, CLASS B, TYPE 3 15"	FOOT	351
550B0700*	STORM SEWERS, CLASS B, TYPE 3 21"	FOOT	36
60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	3
60219400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	3
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6
60269600	VALVE BOXES TO BE ADJUSTED	EACH	8
60300105*	FRAMES AND GRATES TO BE ADJUSTED	EACH	13
60500060	REMOVING INLETS	EACH	11
60600505*	CONCRETE CURB (SPECIAL)	FOOT	549
60603800*	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	587
60604400*	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2096
67100100*	MOBILIZATION	L SUM	1
70101700*	TRAFFIC CONTROL AND PROTECTION	L SUM	1
72000105*	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	197
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	38
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	818
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	360
78008270*	POLYUREA PAVEMENT MARKING, TYPE I-LINE 24"	FOOT	114
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	100
81500200	TRENCH AND BACKFILL FOR ELECTRIC WORK	FOOT	100
81700315	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHM) 3-1/8" NO. 10	FOOT	300
A2002370*	TREE, BETULA NIGRA (RIVER BIRCH), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	6
A2C29310*	TREE, CERES CANADENSIS (REDBUD), CONTAINER GROWN, 10-GALLON	EACH	3
X4066414*	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N50	TON	682
X4066765*	LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N50	TON	682
Z0013798*	CONSTRUCTION LAYOUT	L SUM	1
XX004007*	BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	624
XX004830*	RELOCATE INLET, SPECIAL	EACH	2
XX004937*	PATTERNED CONCRETE SIDEWALK, 5"	SQ FT	53
XX005750*	CROSSWALK LIGHTING	L SUM	1

*SEE SPECIAL PROVISIONS
A SPECIALTY ITEMS

DRAWN BY: PAB	CITY OF LASALLE O'CONNOR AVE RECONSTRUCTION
DATE: 2/2006	GENERAL NOTES, SUMMARY OF QUANTITIES
SCALE: NTS	SCHEDULE OF QUANTITIES, DETAILS