

GENERAL NOTES

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

All construction shall be done in accordance with the "Standard Specifications for Road and Bridge Construction" adopted January 1, 2012 (hereinafter referred to as the Standard Specifications); the IDOT Supplemental Specifications and Recurring Special Provisions; the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways"; the "Standard Specifications for Water and Sewer Main Construction in Illinois", Sixth Edition; details in the plans; and Special Provisions included in the contract documents.

All traffic control and advisory signs needed for construction shall be furnished by the Contractor in accordance with Article 107.14 and 107.25 of the Standard Specifications. Signs and flaggers shall be promptly posted, and unused or obsolete signs shall be removed. Failure to correct a deficiency will result in traffic control deficiency in accordance with Article 105.03(b).

The Contractor shall at all times provide protection for traffic as called for in the application of traffic control devices, the Standard Specifications, the Special Provisions, and the plans.

UTILITIES

Before starting any excavation, the contractor shall call "JULIE" at 1800-892-0123 or 811 for field locations of buried electric telephone and gas facilities. 48 hours notification is required.

The Contractor shall be responsible for contacting the owners of all utilities prior to construction to determine the location of all existing and proposed utility equipment. The Contractor shall coordinate with all utility owners as provided for in the Standard Specifications if utility relocation, adjustment, or protection is necessary.

The location of existing drainage structures, storm sewers, water mains, sanitary sewers, and any other public or private utilities as shown on the plans is approximate, and their exact location is to be determined in the field by the Contractor. This work shall be considered included in the cost of the contract.

The Contractor shall be responsible for the protection of all underground and surface public and private utilities even though they may not be shown on the plans. Any utility damaged during construction shall be restored to a condition equal to that existing before the damage occurred. Repairs shall be arranged by the private individual(s) or utility company and shall be in accordance with articles 107.20 and 107.31.

MISCELLANEOUS

The contractor shall 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 Contractor. Failure to comply with this provision will result in a suspension of work as provided in the Standard Specifications.

It is the Contractor's responsibility to ascertain existing field conditions before bidding on this contract.

Before beginning any work, the contractor shall retain and record for future reference, all existing pavement marking lines (raised reflective pavement markers) in order that these locations can be re-established for striping exact locations of all pavement markings shall be as directed by the engineer.

Sawing of removal items as noted on the plans, specified in the Standard Specifications, or as required by the Engineer shall be included in the cost of the item being removed.

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 included in the cost of the contract with no additional compensation allowed in accordance with Article 107.25. All mail boxes that interfere with construction shall be similarly relocated with no additional compensation allowed in accordance with Article 107.20.

When mill/and 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 45 mph with written approval from the resident engineer. A maximum grade differential of 3 inches may be allowed if the edge of the milling is sloped a minimum of 1:3 (V:H).

Any damage to existing pavement markings or raised reflective pavement markers outside the removal line shown on the plans, due to the contractor's actions, shall be replaced at the contractor's expense.

Drainage adjustment or reconstruction locations will be determined in the field by the engineer.

It shall be the contractor's responsibility to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.

The first layer of paving shall be placed within 10 calendar days of pavement removal or pavement surface removal in accordance with Article 440.04. Failure to begin paving within this time frame will result in the assessment of liquidated damages, in the amount of \$1000 per calendar day.

The Contractor shall fill all core holes in the roadway within 3 working days, unless directed otherwise by the Engineer. Special attention is noted to the requirements of the Special Provision for Filling HMA Core Holes with Non-Shrink Grout.

Where the proposed work abuts existing pavement to remain in place, the existing pavement shall be sawcut to provide a neat vertical face between the proposed and existing surfaces. Saw cutting shall be included in the cost of contract unit prices for proposed work.

Driveways shall be accessible at all times and may require sectional pours. This work shall be considered included in the cost of the PCC driveway pavement pay item.

Do not scale plans for construction dimensions.

TREE PROTECTION

The Contractor's attention is called to the fact that the preservation of existing trees is of utmost importance to the Village of Burr Ridge. All tree protection, tree removal, pruning and root pruning shall be completed before construction operations commence in any area. At no time shall the contractor prune or remove any trees unless specifically directed by the Engineer.

The Contractor shall take extra care in grading and excavating near trees which are not marked for removal so as not to cause injury to the root system or trunks. Roots of a tree that are to remain in place extending into the excavation areas at an elevation that would interfere with any portion of the planned construction shall be severed at a point immediately outside of the excavation area in a manner that will cause the least amount of systemic damage to the remaining tree structure. Any damage done to existing items by the contractor shall be repaired by the contractor at the contractor's own expense.

Prune tree limbs that might be damaged by equipment operations at least one week prior to the start of construction by a certified arborist. Any tree limbs that are broken by construction equipment after the initial pruning must be pruned correctly within 72 hours.

Supplemental Watering is specified for trees and shrubs that will be disturbed by construction but will remain. Note that watering should begin immediately after root pruning, top pruning or other construction disturbance.

WETLAND AREAS EXIST ALONG THE WEST SIDE OF MADISON STREET BETWEEN 83rd STREET AND 87th STREET. DISTURBANCE WITHIN THESE AREAS WILL BE PROHIBITED. PROVIDE TEMPORARY FENCE AT CONSTRUCTION LIMITS

STATE STANDARDS

000001-06	Standard Symbols, Abbreviations and Pattern
001001-02	Areas of Reinforcement Bars
280001-07	Temporary Erosion Control Systems
424001-07	Perpendicular Curb Ramps for Sidewalks
442201-03	Class C and D Patches
602011-02	Catch Basin, Type C
604006-04	Frame and Grate Type 3
606001-05	Concrete Curb Type B and Combination Concrete Curb and Gutter
701301-04	Lane Closure, 2L, 2W, Short Time Operations
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701801-05	Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure
701901-02	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720006-03	Sign Panel Erection Details
720011-01	Metal Posts for Signs, Markers and Delineators
728001-01	Telescoping Steel Sign Support

District 1 Details

BD-08	Frames and Lids Adjustment With Milling
BD-22	Pavement Patching for HMA Surfaced Pavement
BD-24	Curb and Gutter Removal and Replacement
BD-32	Butt Joint and HMA Taper Details
TC-10	Traffic Control and Protection for Side Roads, Intersections, and Driveways
TC-13	District 1 Typical Pavement Markings

PATCHING SCHEDULE

CLASS D PATCHES, TYPE III, 6 INCH			
Station	Length (ft)	Width (ft)	Area (SF)
100+83	22	3	66
101+00	22	3	66
101+27	22	3	66
101+37	22	3	66
101+47	11	3	33
101+97	11	3	33
102+07	22	3	66
102+25	22	3	66
102+44	22	3	66
102+66	22	3	66
102+75	22	3	66
103+07	22	3	66
103+21	22	3	66
103+44	22	3	66
103+57	22	3	66
104+00	22	3	66
104+19	22	3	66
104+52	22	3	66
104+66	22	3	66
105+48	22	3	66
106+50	22	3	66
106+81	22	3	66
107+46	22	3	66
107+95	22	3	66
108+19	22	3	66
108+36	22	3	66
108+52	22	3	66
108+84	22	3	66
109+07	22	3	66
109+65	30	4	120
109+94	22	3	66
111+13	22	3	66
111+35	22	3	66
111+57	22	3	66
111+80	22	3	66
112+39	22	3	66
112+60	22	3	66
113+07	22	3	66
113+15	22	3	66
117+65	25	3	75
124+50	24	3	72
124+75	25	3	75
124+85	25	3	75
129+25	25	3	75
142+50	15	4	60
149+20	30	4	120
154+50	34	3	102
158+20	33	3	99
167+10	35	3	105
167+50	36	3	108
168+00	36	3	108
169+40	15	3	45
169+90	15	3	45
170+70	34	3	102
171+50	34	3	102
175+00	15	3	45
175+75	36	3	108
176+50	37	3	111
177+45	36	3	108
177+85	36	3	108
178+35	36	3	108
178+90	36	3	108
180+48	43	3	129
181+38	40	3	120
182+16	38	3	114
182+40	35	3	105
182+82	34	3	102
183+26	38	3	114
183+60	32	3	96
184+23	28	3	84
184+47	28	3	84
185+27	28	3	84
186+00	28	3	84
186+17	28	3	84
186+77	28	3	84
Total Square Yards			696

CLASS D PATCHES, TYPE III, 6 INCH			
Station	Length (ft)	Width (ft)	Area (SF)
103+95	30	5	150
102+80	30	5	150
Total Square Yards			34

CLASS D PATCHES, TYPE IV, 6 INCH			
Station	Length (ft)	Width (ft)	Area (SF)
139+40	45	4	180
Total Square Yards			20

SUMMARY OF QUANTITIES

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
1	20101000 TEMPORARY FENCE	FOOT	1,000
2	20101200 TREE ROOT PRUNING	EACH	7
3	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	42
4	20400800 FURNISHED EXCAVATION	CU YD	300
5	20800150 TRENCH BACKFILL	CU YD	92
6	21101615 TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,700
7	25000400 NITROGEN FERTILIZER NUTRIENT	POUND	21
8	25000600 POTASSIUM FERTILIZER NUTRIENT	POUND	21
9	25200100 SODDING	SQ YD	1,700
10	25200200 SUPPLEMENTAL WATERING	UNIT	10
11	31101400 SUBBASE GRANULAR MATERIAL, TYPE B, 6"	SQ YD	245
12	35600704 HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	362
13	40600100 BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,940
14	40600400 MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5
15	40600625 POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	TON	1,235
16	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	846
17	40603335 HOT-MIX ASPHALT SURFACE COURSE, MK "D", N50	TON	2,470
18	42400200 PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	4,310
19	42400800 DETECTABLE WARNINGS	SQ FT	170
20	44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	28,550
21	44000200 DRIVEWAY PAVEMENT REMOVAL	SQ YD	228
22	44000500 COMBINATION CURB AND GUTTER REMOVAL	FOOT	5
23	44000600 SIDEWALK REMOVAL	SQ FT	1,340
24	44201717 CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	696
25	44201721 CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	34
26	44201723 CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	20
27	50105220 PIPE CULVERT REMOVAL	FOOT	45
28	54213657 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
29	550A0050 STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	399
30	550A0110 STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	13
31	550B0050 STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	46
32	60200805 CATCH BASINS, TYPE A, 4-DIAMETER, TYPE B GRATE	EACH	1
33	60207105 CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	5
34	60300305 FRAMES AND LIDS TO BE ADJUSTED	EACH	14
35	60603900 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,145
36	67100100 MOBILIZATION	L SUM	1
37	70102620 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
38	70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
39	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32.3
40	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	30,950
41	78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	600
42	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	32
43	X4230710 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	SQ YD	142
44	X4008445 TEMPORARY INFORMATIONAL SIGNS	EACH	2
45	Z0004534 HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 9"	SQ YD	50
46	Z0013798 CONSTRUCTION LAYOUT	L SUM	1

* Indicates specialty items



ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SURVEYORS & SURVEYORS

USER NAME = rfontner	DESIGNED = BD	REVISED = 01-24-2013
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PLOT DATE = 1/24/2013	DATE = 10-19-12	REVISED =

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	I-00045-00-RS	DUPAGE	20	2
CONTRACT NO. 63784				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				