THURSDAY, AUGUST 5, 1926	PLEASAN
to catchbasin-manhole No. 27 to catchbasin-manhole No. 29	From
to catchbasin-manhole No. 103	From
to catchbasin-manhole No. 99 to catchbasin-manhole No. 34	From
to catchbasin-manhole No. 94 to catchbasin-manhole No. 117	
to catchbasin-manhole No. 119 to catchbasin-manhole No. 55	From From
to eatchbasin-manhole No. 112 to eatchbasin-manhole No. 109	From
to catchbasin-manhole No. 85	
to catchbasin-manhole No. 82	From
to eatchbasin-manhole No. 76 to catchbasin-manhole No. 75 ighteen (518) lineal feet of ten (10)	
depth of six and one-half (61/2) feet d as follows:	From
to catchbasin-manhole No. 61 to catchbasin-manhole No. 44	
to catchhasin-manhole No. 121	
under street return Highland Place to	From From From
the west under alley return to the east under alley return to the west	
of Roger Williams	From
to catchbasin-manhole No. 104 to catchbasin-manhole No. 96	14
to catchbasin-manhole No. 97	From
to catchbasin-manhole No. 78 ighty-seven (187) lineal feet of twelve rage depth of six and one-half (6%)	112
eated as follows:	From
to catchbasin-manhole No. 71	113
under payement to easterly drop inlet	From From
to catchbasin-manhole No. 91	From
under alley return to the east	From From
ge depth of six and one-half (6 1/2) feet as follows:	BROAD
to catchbasin-manhole No. 36	From
to catchbasin-manhole No. 17 to catchbasin-manhole No. 21 to catchbasin-manhole No. 119	_
al feet of eighteen (18) inch tile pipe and one-half (6%) feet below the pave-	From
to catchbasin manhole No. 57	
southeasterly under pavement to back of curb in Burton Avenue	From
h of six (6) feet below the pavement	
to catchbasin-manhole No. 42	From
two hundred thirteen (4,213) lineal feet an average depth of four and one-half	
and located as follows:	From
(100) feet	,
east along the south curb to the west- erly right of way line of the Chicago and Northwestern Railway Company	Fron
east along the north curb to the west-	
and Northwestern Railway Company 5 south along the westerly curb sixty	Fron
to manhole in Burton Avenue	
westerly along southerly curb to east- erly line extended of Pleasant Ave-	Fron
7. westerly along the southerly curb to	
easterly line of Broadview Avenue	From
easterly along the southerly curb to the easterly line of Pleasant Avenue westerly along the northerly curb to	
the easterly line of Pleasant Avenue	From
4 westerly along the southerly curb one hundred seventy (170) feet leasterly along the southerly curb fifty-	
five (55) feet 6 westerly along the northerly curb two hundred forty (240) feet	From
4 westerly along the northerly curb two hundred forty (240) feet	
westerly along the southerly curb two hundred sixty (260) feet	Fro
2 westerly along the southerly curb two hundred fifty-five (255) feet 1 westerly along the northerly curb two	Fro Fro
hundred fifty-five (255) feet 8 westerly along the northerly curb one	BURTO
hundred ninety (190) feet 9 westerly along the southerly curb one hundred ninety (190) feet	Fro Fro
easterly along the southerly curb sixty (60) feet	Fro
westerly along the northerly curb three hundred twenty-three (323) feet	
8 easterly along the northerly curb one	Fro
hundred fifty (150) feet westerly along the northerly curb one hundred (100) feet	
sand one hundred thirty-three (18,133) drains at an average depth of five and	Fre
ent grade and located as follows:	
9 to catchbasin-manhole No. 81	Fre

hundred ninety (190) feet

II to catchbasin-manhole No. 73

86 to catchbasin-manhole No. 87

dred sixty-five (265) feet

60 to catchbasin-manhole No. 104 08 to catchbasin-manhole No. 45

92 to catchbasin-manhole No. 93 93 to catchbasin-manhole No. 95

thirty-eight (238) feet

in Green Bay Road

dred forty (340) feet

in Green Bay Road

in Green Bay Road

ty-five (65) feet

hundred (200) feet

to catchbasin-manhole No. 82

southerly along the westerly curb one

2 northerly along the westerly curb six-

9 southerly along the easterly curb two

southerly and westerly along the west-

twenty (20) feet northwesterly to ditch

85 west along the south curb three hun-

69 west along the north curb two hun-

0 fliteen (15) feet northwesterly to ditch

2 twenty (20) feet northwesterly to ditch

erly and northerly curb two hundred

THURSDAY, AUGUST 5, 1926	
PLEASANT AVENUE:	
From catchbasin-manhole No. 14 northerly along the easterly curb tw hundred ninety (290) feet From catchbasin-manhole No. 15 northerly along the westerly curb tw	是對原
hundred twenty-five (225) feet From catchbasin-manhole No. 18 northerly along the easterly curb t	3.463
a point twenty-five (25) feet north erly of the northerly line extende	d
of lot thirty-seven (37), block tw (2), First Addition to Ravinia High lands	
From catchbasin-manhole No. 15 to catchbasin-manhole No. 16 From catchbasin-manhole No. 18 to catchbasin-manhole No. 20	
From catchbasin-manhole No. 20 to catchbasin-manhole No. 22 From catchbasin-manhole No. 21 southerly along the westerly curb t	
a point twenty (20) feet south of the north line extended of lot fifty-on (51), block three (3), First Addition	ie
From catchbasin-manhole No. 23 northerly along the westerly curb t	0
a point twenty (20) feet northerly of the northerly line extended of loseventeen (17), block three (3), First	ot
From a point thirty (30) feet northerly of the northerly line extended of	of
lot thirty-eight (38), block one (1 First Addition to Ravinia Highland at the easterly curb, thence souther	s,
ly along said easterly curb to the	ne (5
From catchbasin-manhole No. 110 to catchbasin-manhole No. 114 From catchbasin-manhole No. 113 to catchbasin-manhole No. 115	
From catchbasin-manhole No. 114 southerly along the easterly curb a point ten (10) feet northerly of the	to BR
ty-six (26), block seven (7), Ravis	
From catchbasin-manhole No. 115 southerly along the westerly curb a point ten (10) feet northerly	to
the northerly line extended of Infifeen (15), block six (6), Ravin Highlands.	
From catchbasin-manhole No. 118 northerly along the easterly curb to point ten (10) feet southerly of the	a
northerly line extended of lot twent six (26), block seven (7), Ravin	y-
From catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along the westerly curb to point ten (10) feet southerly of the catchbasin-manhole No. 116 northerly along t	a
northerly line of lot fifteen (15 block six (6), Ravinia Highlands).
From catchbasin-manhole No. 117 to catchbasin-manhole No. 121 From catchbasin-manhole No. 120 to catchbasin-manhole No. 122 From catchbasin-manhole No. 121 to catchbasin-manhole No. 123	
From catchbasin-manhole No. 122 to catchbasin-manhole No. 124	1
From catchbasin-manhole No. 125 to catchbasin-manhole No. 83 From catchbasin-manhole No. 124 along the easterly curb to the nor line extended of Roger William	th BI
BROADVIEW AVENUE:	N
From catchbasin-manhole No. 26 northerly along the easterly curb a point twenty-five (25) feet northerly of the northerly line extend	n-
of lot fifty-one (51), block tive (5) First Addition to Ravinia Highlan	ds
From catchbasin-manhole No. 27 northerly along the westerly curb the hundred fifty (350) feet From catchbasin-manhole No. 27 southerly along the westerly curb to	4 De
the northerly line extended of	lot C
twelve (12), block six (6), First A dition to Ravinia Highlands From catchbasin-manhole No. 29 northerly along the westerly curb to	1.
point twenty (20) feet northerly the northerly line extended of	lot P
fourteen (14), block six (6), Find Addition to Ravinia Highlands From catchbasin-manhole No. 33 southerly along the westerly curb to	
point ten (10) feet northerly of the northerly line extended of lot twen	the ty-
three (23), block four (4), Ravis Highlands From catchbasin-manhole No. 104 northerly along the westerly curb to	nia
northerly line extended of said	lot
twenty-three (23), block four (4), R
From catchbasin-manhole No. 102 southerly along the easterly curb to point ten (10) feet northerly of northerly line extended of lot	five
(5), block five (5), Ravinia High lands From catchbasin-manhole No. 101 southerly along the westerly curb to the catchbasin fact portherly of	1
northerly line extended of said lot	five
(5), block five (5), Ravinia Hi lands From catchbasin-manhole No. 99 northerly along the westerly curb t	1 1
point fifteen (15) feet southerly the northerly line extended of s	said
lot five (5), block five (5), Ravi Highlands From catchbasin-manhole No. 98 northerly along the easterly curb t	1 1
point fifteen (15) feet southerly the northerly line extended of a	said
lot five (5), block five (5), Rav Highlands Highlands the westerly curb to	1 (
point ten (10) feet northerly of	ine-
teen (19), block five (5), Rav Highlands From catchbasin-manhole No. 95 northerly along the westerly curb	
northerly line extended of said	lot
nineteen (19), block five (5), Rav Highlands From catchbasin-manhole No. 91 northerly along the westerly curb	12
From catchbasin-manhole No. 90 to catchbasin-manhole No. 88	
From catchbasin-manhole No. 89 to catchbasin-manhole No. 86 From catchbasin-manhole No. 88 southerly along the easterly curb to From catchbasin-manhole No. 88 southerly along the easterly curb to north line extended of Blacks	the
Place Place	
From catchbasin-mannole No. 1 to the caster of arminia Road culvert in Ravinia Road	
From catchbasin-manhole No. 3 southerly along the easterly cur	the
northerly line extended of lot (10), block one (1), First Addito Ravinia Highlands	tion
From catchbasin-manhole No. 7 northerly along the easterly curb	y or I
the northerly line extended of eleven (11), block one (1), First dition to Ravinia Highlands	Ad-
From catchbasin-manhole No. 7 southerly along the easterly cur	the
northerly line extended of lot two three (23), block one (1), First dition to Ravinia Highlands	Ad-
From catchbasin-manhole No. 6 southerly along the westerly cur	I the
northerly line extended of lot (8), block two (2), First Addition	eignt
From catchbasin-manhole No. 8 northerly along the easterly cur a point fifteen (15) feet souther	ly or [
the northerly line extended of lot twenty-three (23), block one	(1),
From catchbasin-manhole No. 9 northerly along the westerly cur a point fifteen (15) feet souther	ly of
the northerly line extended of lot eight (8), block two (2),	said
From catchbasin-manhole No. 9 to catchbasin-manhole No. 11	
From catchbasin-manhole No. 8 to catchbasin-manhole in Burton Ave From catchbasin-manhole No. 10 south to manhole in Burton Ave	curb
From catchbasin-manhole No. 43 southerly along the easterly curl hundred ten (110) feet	
From catchbasin-manhole No. 46 to catchbasin-manhole No. 49	
From catchbasin-manhole No. 47 to catchbasin-manhole No. 48	rb to

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	From catchbasin-manhole	No. 48 southerly along the westerly curb to con
b two		a point twenty (20) feet northerly said of the northerly line extended of lot in eleven (11), block seven (7), Ravinia (2) Highlands
north- tended k two	From eatchbasin-manhole	a point twenty (20) feet southerly of the northerly line of said lot sixteen (16), block one (1), Ravinia Highlands
High-	From catchbasin-manhole	
of the ty-one	From catchbasin-manhole From catchbasin-manhole From catchbasin-manhole	No. 50 to catchbasin-manhole No. 52 dr. ba
urb to	From catchbasin-manhole From catchbasin-manhole	No. 67 southerly along the westerly curb one ur
of lot First ided of ne (1),	ROGER WILLIAMS AVENU	No. 33 west along the southerly curb to the me easterly line extended of Green Bay Road
hlands.	feet of ten (10) inch tile pipe (5½) feet below the pavemen	drains at an average depth of five and one-half se grade and located as follows:
th line	BURTON AVENUE: From catchbasin-manhole	(1) 12 1 전에 내려 있는 것이다. 20 20 1 전에 가장된 하고 12 10 10 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10
	From catchbasin-manhole From catchbasin-manhole BROADVIEW AVENUE:	
of the	From catchbasin-manhole	선물이 가는 그는 그들은 사람들이 얼마를 살아내고 하셨다면서 하는 사람들이 하는 사람들이 되었다면 하는데 나를 하는데 하는데 나를 하는데 하는데 하는데 나를 하는데
Ravin-	From catchbasin-manhole	##
of lot Ravinia	From catchbasin-manhole From catchbasin-manhole PLEASANT AVENUE:	No. 98 to catchbasin-manhole No. 96 No. 89 to catchbasin-manhole No. 91 B P
of the wenty-	From catchbasin-manhole From catchbasin-manhole	No. 38 southerly along the easterly curb to w the back of the northerly return curb (
Ravinia	From catchbasin-manhole	Avenue to the east No. 107 southerly along the easterly curb to the back of the northerly return curb
of the 1 (15), ands	From catchbasin-manhole	No. 37 southerly along the westerly curb to the back of the northerly return curb w
2 3 4 5	From catchbasin-manhole	Avenue to the east No. 106 southerly along the westerly curb to the back of the northerly return curb
a e north Villiams	BLACKSTONE PLACE: From catchbasin-manhole NORTHMOOR ROAD:	b
curb to	From catchbasin-manhole	the easterly ditch in Green Bay Co
xtended ive (5),	From catchbasin-manhole	No. 77 to catchbasin-manhole No. 75 m No. 75 to catchbasin-manhole No. 72 a
ghlands	There shall be laid two feet of twelve (12) inch tile	housand four hundred sixty-one (2,461) lineal of pipe drains at an average depth of six (6) feet
rb to a	below the pavement grade le NORTHMOOR ROAD: From catchbasin-manhole	No. 72 to catchbasin-manhole No. 70
of lot irst Ad-	CRAWFORD PLACE:	No. 16 to existing catchbasin-manhole at a northeast corner Crawford Place and
	PLEASANT AVENUE:	No. 120 to catchbasin-manhole No. 119
of lot), First	BROADVIEW AVENUE:	
of the twenty- Ravinia	From catchbasin-manhole	No. 34 southerly along the easterly curb to the back of the northerly return curb at alley south of Roger Williams Avenue
urb to a	BURTON AVENUE:	No. 105 to catchbasin-manhole No. 103
said lot our (4),	From catchbasin-manhol	No. 4 to catchbasin-manhole No. 5
urb to a		No. 31 to catchbasin-manhole No. 30
lot five	There shall be laid one	housand eight hundred sixty-nine (1,869) lineal
urb to a	feet of fifteen (15) inch tile half (5½) feet below the pa ROGER WILLIAMS AVEN	pipe drain at an average depth of five and one-
d lot five	From catchbasin-manhol	No. 32 to catchbasin-manhole No. 35
urb to a		No. 97 to catchbasin-manhole No. 90
of said		No. 17 to catchbasin-manhole No. 19 No. 19 to catchbasin-manhole No. 21
urb to s	WASHINGTON PLACE: From catchbasin-manhol BLACKSTONE PLACE:	No. 97 to catchbasin-manhole No. 117
of said	From catchbasin-manhol	No. 70 to eatchbasin-manhole No. 68 teen hundred nine (1709) lineal feet of eighteen
urb to	ment grade and located as	an average depth of six (6) feet below the pave-
lot nine Ravinia	BELLEVUE PLACE:	No. 119 to catchbasin-manhole No. 55
curb to a	From manhole in Burton	e No. 22 to catchbasin-manhole No. 12 Avenue twenty (20) feet northwesterly in said Burton Avenue to back of southerly
said lo	PLEASANT AVENUE:	eurb
curb tw	From catchbasin-manho	e No. 20 to catchbasin-manhole No. 22 e No. 55 to catchbasin-manhole No. 56
88 86	From catchbasin-manho	e No. 65 to catchbasin-manhole No. 66 e No. 66 to catchbasin-manhole No. 68
rb to th lackston	e ROGER WILLIAMS AVEN From catchbasin-manho	le No. 36 to manhole at north curb le No. 39 to manhole at north curb
concret	From catchbasin-manho	hundred fifty-four (854) lineal feet of twenty an average depth of five (5) feet below the pave-
The second secon	ment grade and located as	follows: UE:
rly of the lot te Additio	n From catchbasin-manho n From catchbasin-manho	le No. 40 to manhole at south curb
curb to	f From catchhasin-manho	e No. 65 to catchbasin-manhole No. 62 e No. 62 to catchbasin-manhole No. 61
therly of led of lo First Ac	From catchbasin-manho	e No. 58 to catchbasin-manhole No. 57 e No. 61 thirty (30) feet northeasterly in east- erly parkway to concrete culvert
y curb t	ie	e No. 58 thirty (30) feet southeasterly in east- erly parkway to concrete culvert
t twenty First A	There shall be laid sig	LET TILE PIPE DRAINS ty (80) feet of twenty-two (22) inch outlet tile epth of six and one-half (6½) feet below the sur-
y curb	face of the ground where	easement across lot thirty-seven (37), block
ddition	one (1), First Addit	on to Ravinia Highlands orton Avenue to said headwall in Ravine, block one (1), First Addition to Ravinia
y curb	Highlands	hundred eighty (180) feet of thirty (30) inch out-
d of sa k one (1 Highlan	let tile pipe drains at an pround, where located, loc	ted as follows:
- Sudi	ROGER WILLIAMS AVE	NUE:

Addition to Ravinia Highlands

to Ravinia Highlands

to Ravinia Highlands

concrete headwalls for outlet drain, and concrete culvert with openings for aid outlet drains and culverts, located as follows: One (1) concrete headwall in the easement in lot thirty-five (35), block one (1), Ravinia Highlands, two (2) feet westerly of the easterly line of said lot thirty-five (35); one (1) concrete headwall in the ravine in lot forty-four (44), block one (1), First addition to Ravinia Highlands, five (5) feet northeasterly of the southwestrly line extended of lot fifty-two (52), block one (1), First Addition to Rainia Highlands, and one hundred fifty-three (153) feet northwesterly of he north line of Roger Williams Avenue, as measured along the southwestly line of aforesaid lot fifty-two (52); one (1) headwall in the ravine south Bellevue Place, fifty-four (54) feet southerly of the southerly line of said ellevue Place, and twenty (20) feet westerly of the northeasterly line exnded of said Bellevue Place; one (1) headwall in the southerly parkway of Ravinia Road, two (2) feet westerly of the westerly right-of-way line of the Chicago & Northwestern Railway Company; constructing outlet tile pipe drains, constructing concrete culverts, constructing catchbasins and catchbasin-manholes, manhole and drop inlets, filling of one (1) existing catchasin in Ravinia Road, removal of concrete curb in said Ravinia Road, pavng with reinforced concrete roadways, the center line of which shall be the enter line of the streets to be improved; the width of said roadways, measred from back to back of curb shall be as follows: In Burton Avenue, Pleasnt Avenue, Broadview Avenue, Alvin Place, Crawford Place, Bellevue Place, ighland Place, Washington Place, Blackstone Place, Flora Place, and Northnoor Road, the width shall be twenty-one (21) feet; in Roger Williams Aveue the width shall be forty (40) feet, except at street corners and the Y urn-around in Pleasant Avenue, where the roadways shall be widened along curved lines having a radius of twenty-five (25) feet, except at the interection of Burton Avenue and Ravinia Road, where the radius to the east hall be fifteen (15) feet, and the radius to the west shall be fifty (50) feet; at the Y turn-around in Pleasant Avenue, where the radius to the east shall be one hundred (100) feet, and the radius to the west shall be fifteen (15) eet; at the northwest and the southeast corners of Broadview Avenue and loger Williams Avenue, at the northwest and the southwest corners of Pleasint Avenue and Roger Williams Avenue, and at the southeast corner of Burton Avenue and Roger Williams Avenue, where the radii shall be twenty 20) feet; at the northeast and the southwest corners of Broadview Avenue and Roger Williams Avenue, at the northeast and the southwest corners of leasant Avenue and Roger Williams Avenue, and at the southwest corner of Burton Avenue and Roger Williams Avenue, where the radii shall be thirty (30) feet; at the southeast corner of Green Bay Road and Roger Williams Avenue, the radius shall be fifteen (15) feet; at the northeast corner of Blackstone Place and Green Bay Road, at the northeast corner of Blackstone Place and Pleasant Avenue, where the radii shall be forty (40) feet; at the northeast corner of Broadview Avenue and Blackstone Place; at the southwest corner of Blackstone and Flora Place, where the radii shall be fifty 50) feet; at the northeast corner of Northmoor Road and Flora Place, the adius shall be thirty (30) feet; at the southeast and the northwest corners of alley north of Roger Williams Avenue and Pleasant Avenue, the southeast corner of alley north of Roger Williams Avenue and Broadview Avenue, the southeast corner of alley south of Roger Williams Avenue and Broadview Avenue, the southeast and the northwest corners of alley south of Roger Williams Avenue and Pleasant Avenue, the southeast and the northwest corners of alley south of Roger Williams Avenue and Burton Avenue, where the radii shall be fifteen (15) feet; constructing tile pipe drains, laid in the parkways at an average distance of two (2) feet from the back of the curb, except where said drains join the catchbasin or catchbasin-manholes, where said drains shall be laid along curved lines convex to the property lines, and said curved lines shall begin fifteen (15) feet from said catchbasin or catchbasin-manhole; constructing concrete culvent outlet in Ravinia Road and in easement in lot thirty-five (35), block one (1), Ravinia Highlands, connection of proposed tile pipe drain to existing catchbasinmanhole in Broadview Avenue, removal of surplus excavated materials; curing, protecting, cleaning said proposed concrete pavement, restoration of existing sidewalks where damaged; engineering services, and all other labor, materials and expenses necessary to construct said proposed improvement in a workmanlike manner, all in the City of Highland Park, Lake County, State of Illinois. Where the board of local improvements is referred to in this ordinance, it shall mean: The board of local improvements of the City of Highland Park, Lake County, State of Illinois. improvement herein provided for. in said City of Highland Park. The elevations herein provided for the finished grade of the pavement the established datum of said City of Highland Park. improvement to which reference is specifically made. pavement adjacent to the curb. tend from back to back of curb.

Said board of local improvements shall appoint an engineer or engineers to act in its place with reference to the construction of the improvement, or any portion thereof, herein referred to, and shall cause said engineer or engineers to set proper stakes, take measurements, mark grades herein provided,

and make necessary surveys, plans and profiles for the construction of the The datum herein referred to shall be a horizontal plane distant in a

vertical line one hundred eighteen and seventy-eight hundredths (118.78) feet below the top of an iron wedge set in the wall, and resting upon the top of the water table, in the City Hall, at the southeast corner of said city hall,

and for the flow line of tile pipe drains and outlet tile pipe drains and other elevations given in this ordinance are in feet and decimal parts of a foot above The finished grade is the elevation above datum of that portion of the

The word "gutter" shall mean that portion of the finished surface of the The word "roadway" shall mean that portion of the street where the

concrete pavement and the concrete curb is to be constructed and shall ex-The word "sub-grade" shall mean the finished surface of the roadway on which the pavement and curb is to be constructed.

Wherever the words "proposed pavement" are mentioned, it shall mean the pavement herein proposed to be constructed.

Wherever the words "proposed curb" are mentioned, # shall mean the

curb herein proposed to be constructed. Wherever the words "tile pipe drains" are used, it shall mean the storm water drains or storm sewers herein provided to be constructed.

The diameter of said tile pipe drains, and of manholes, catchbasins, catch-

basin-manholes or drop inlets, shall mean the internal diameter. The necessary drainage for said proposed improvement shall consist of the construction of the herein described tile pipe drains, tile pipe outlet drains,

catchbasins, catchbasin-manholes, manholes, drop inlets, outlet culverts with headwall connected together in such a manner as properly to drain said pro-All catchbasins herein provided to be constructed shall be constructed of concrete, composed by volume of one (1) part Portland cement, two (2)

parts sand and four (4) parts gravel or crushed stone, mixed with sufficient water to make a quaking mass. The holes around the outside of said catchbasins shall be backfilled with sand, and all surplus excavated material shall be removed from the site of the improvement The inside diameter of each catchbasin shall be four (4) feet at the bot-

tom thereof, and up to a horizontal plane three (3) feet below the top of the concrete, from which plane the diameter shall be uniformly decreased upwards to two (2) feet at the top of the concrete, in such manner as to fit and support the cover herein provided. Side walls and bottoms shall be eight (8) inches thick. The bottom shall extend to the outside edge of side walls the inside bottom shall be three (3) feet below the flow line of the outlet pipe. The depth over all of concrete work shall be seven (7) feet. Each catchbasin shall be provided with an asphaltic coated cast iron catchbasin cover, Highland Park pattern, consisting of a frame weighing two hundred seventy-five (275) pounds, and a grate weighing one hundred twenty-five (125) pounds, set in place on top of the concrete in such manner that the top of the grate will be flush with the finished grade of the pavement where

The dimensions of the grate are seventeen (17) inches by twenty-one and one-eighth (21%) inches; the height of the frame is seven (7) inches at the back of the curb and seven and one-half (71/2) inches at the pavement. The back of the frame is adjustable four (4) inches to nine (9) inches

All of the combined catchbasin-manholes herein provided to be constructed shall be constructed of concrete, composed by volume of one (1) part Portland cement, two (2) parts sand and four (4) parts gravel or crushed stone, mixed with sufficient water to make a quaking mass. The holes around the outside of said catchbasin-manholes shall be backfilled with sand, and all surplus excavated material shall be removed from the site of the improvement. The average depth of concrete in said catchbasin-manholes is six (6) feet below the pavement grade.

The inside diameter of each catchbasin-manhole shall be four (4) feet at the bottom thereof, and up to a horizontal plane three (3) feet below the top of the concrete, from which plane the diameter shall be uniformly decreased upwards to two (2) feet at the top of the concrete, in such manner as to fit and support the cover herein provided. Side walls and bottoms shall be eight (8) inches thick. The bottom shall extend to the cutside edge of the side walls, and the inside bottom shall be three (3) feet below the flow line of the sewer which acts as the outlet for said catchbasin-manhole. Each catchbasin-manhole shall be provided with an asphaltic coated cast iron catchbasin-cover, Highland Park pattern, consisting of a frame weighing two hundred seventy-five (275) pounds, and a grate weighing one hundred fifty (150) pounds, set in place on top of the concrete in such manner that the top of the grate will be flush with the finished grade of the pavement where

The dimensions for the grate and frame are the same as described for All of the drop inlets herein provided to be constructed shall be construct-From catchbasin-manhole No. 42 along a straight line to manhole in lot ed of concrete composed by volume of one; (1) part Portland cement, two fifty-two (52), block one (1), First (2) parts sand and four (4) parts gravel or crushed store, mixed with sufficient water to make a quaking mass. The filling material around the out-From manhole in said lot fifty-two (52) along a straight line to said side of said drop inlets shall be sand, the thickness of which, as measured at headwall in Ravine lot forty-four right angles to the height of said drop inlets, shall be one (1) foot. Said (44), block one (1), First Addition drop inlets shall be constructed on top of and as an integral part of the culverts into which their drainage is discharged, and the hole in the top of said From manhole in said lot fifty-two (52) along a straight line to said culverts shall be of the same diameter and concentric with that of the drop inheadwall in Ravine lot forty-four let at its bottom. The inside diameter of each drop inlet shall be three (3) (44), block one (1), First Addition feet at the bottom thereof where it joins on to said culvert, from the top of the culverts the diameter shall be uniformly decreased upwards to two By clearing, grubbing, excavating, filling, trenching, filling the trenches (2) feet at the top of the concrete, in such manner as to fit and support the with earth, except under the proposed pavement, where the trenches shall cover herein provided. Side walls shall be eight (8) inches thick. Each drop From catchbasin-manhole No. 47 to catchbasin-manhole No. 48 be filled with sand, grading, preparing the sub-grade, raking the parkways, inlet shall be provided with an asphaltic coated cast iron catchbasin cover be filled with sand, grading, preparing the sub-grade, raking the parkways, inlet shall be provided with an asphaltic coated cast iron catchbasin cover be filled with sand, grading, preparing the sub-grade, raking the parkways, inlet shall be provided with an asphaltic coated cast iron catchbasin cover consisting of a frame weighing two hundred seventy-five (275) pounds and adjusting existing manhole No. 49 southerly along the easterly curb to adjusting existing manhole in Cover and the cover of the cov a point twenty (20) feet northerly sidewalk approaches, constructing tile pipe drain from ditches in Green Bay a grate weighing one hundred twenty-five (125) pounds set in place on top of the northerly line extended of lot Road, constructing bituminous macadam pavement connections in Green Bay of the concrete in such manner that the top of said grate will be flush with of the northerly line extended of lot local, to local, the finished grade of the pavement where located. The dimensions for the sixteen (16), block one (1), Ravinia Road at Roger Williams Avenue, Highland Place, Washington Place, Blackstone Place and Northmoor Road, constructing concrete curbs, constructing grate and frame are the same as described for the catchbasins.