cavated material removed.

Flates No. 1 to No. 6 inclusive.

curbs shall be as shown upon the said plied to the said pavement. plates No. 1 to No. 6 inclusive.

to No. 6 inclusive.

ed upon said subgrade the reinforced crushed stone.

line of said pavement.

("Elastite" or its equal) one-half (1/2) rounded.

used in the construction of said rein- placed nine hundred (900) square am pavement for connections, there inforcing bars. forced concrete pavement twelve hun- yards, measured from face to face of shall be provided and in- There shall also be provided and indred (1200) three-quarter (%) inch integral curb, of vitrified brick pay- dred fifty (550) square yards of macad- stalled in connection with the said stalled as a part of the electric lightround, smooth steel transverse ex- ing wearing surface four (4) inches am pavement, thirty-two (32) square cable guard fence hereinabove pro- ing system herein provided for said pansion joint bars, each of said bars in thickness. In the construction of yards at Willow and Forest Streets, vided for two hundred twenty-five subway, two hundred seventy (270) having a length of two (2) feet, one said nine hundred (900) square yards of said (225) lineal feet of three-quarter (34) lineal feet of one (1) inch steel duct six (6) inch end of each of said bars of vitrified brick paving wearing sur- macadam pavement at Ash Street, inch diameter plow steel wire rope, conduit pipe, which shall be galvanshall be greased and to the six (6) face, there shall be used nine hundred ninety-four (94) square yards of said composed of six strands of nineteen ized or Sheridized, seventeen (17) one inch end shall be fastened a cap of (900) gallons of asphaltic joint filler macadam pavement at Cherry Street, (19) wires each, and a hemp core, and (1) inch standard steel conduit bends, asphalt one-half (1/2) inch thick and to be placed in joints between the two hundred (200) square yards of twelve (12) drop forged steel wire rope which shall be galvanized or Sherione and one-half (11/2) inches in dia- brick and between the brick and the said macadam pavement at Ridge clips for said wire rope.

There shall be provided sixty (60) nection with the improvement provided brick shall have on one side raised ing a width of five (5) feet four (4) nections, and complete lighting syscubic yards of sand for backfilling for in this ordinance ninety-one hun- letters or lugs, projecting not less inches, one hundred thirty-five (135) tem for said subway and safety island, the said water pipe trenches. There dred (9100) lineal feet of Portland than one eighth (1/8) of an inch, nor square feet at Winnetka Avenue, two concrete sidewalk approach, including shall also be provided two (2) six (6) cement concrete curb, constructed in- more than one fourth (1/4) of an inch, thousand sixty (2060) square feet at the adjustment of the present twentyinch iron body bronze mounted water tegral with, on top of and along the so that when laid the brick will be Willow Street and Church Road, four four (24) inch storm water sewer in gate valves of the Eddy type or its edge of said proposed concrete pave- sufficiently separated to allow the hundred forty (440) square feet at Willow Street, waterproofing and equal, set in the line of the said two ment, except where said concrete pave- pavement to be well filled. All the Ash Street, four hundred forty (440) painting, all excavation and the rehundred (200) feet of six (6) inch ment shall join the existing pavements brick shall be substantially the same square feet at Cherry Street, and four moval of all surplus excavated mawater pipe hereinabove provided for, at Winnetka Avenue, Church Road, size throughout the entire pavement. hundred twenty-five (425) square feet terial. The said subway shall be eight as more particularly shown on said Willow Street, Ash Street, Cherry The paving brick shall be tested in at Ridge Avenue. All of said con- (8) feet six (6) inches in height in There shall also be provided and in- edge of said proposed concrete pave- diameter and twenty (20) inches long, brought to the finished lines and (10) feet in height in the clear from stalled two (2) water gate valve ment for a distance of one hundred inside measurements. The heads shall grades of the proposed improvement the floor to the ceiling, at the bottom vaults for the six (6) inch iron body eight (108) feet, the southerly end of be composed of gray cast iron, not where located. The said thirty-five of the stairway at the westerly end bronze mounted water gate valves said one hundred eight (108) feet be- chilled or case hardened. The staves hundred (3500) square feet of con- of said subway, thence decreasing unihereinabove provided for, constructed ing one thousand fifty-five (1055) feet shall be made of one-half (1/2) inch crete sidewalk approaches shall not formly to nine (9) feet in width in of Portland cement concrete, composed northwesterly from as measured along steel plates. There shall be a space include the two hundred twenty-five the clear at the bottom of the stairby volume of one (1) part Portland the said westerly edge of said pro- of one-quarter (14) inch between the (225) square feet of concrete side- way at the easterly end of said subcement, two (2) parts sand, and four posed concrete pavement from the staves for escape of dust and small walk approaches hereinafter provided way. The height in the clear at the (4) parts gravel or crushed stone, hav- north edge of the existing concrete pieces of waste. The cross section of for and to be constructed at the easterly end of said subway shall be ing an internal diameter of four (4) pavement in Winnetka Avenue, the the barrel shall be a regular polygon, westerly entrance of the pedestrian eight (8) feet six (6) inches, and said feet, with side walls and bottoms six said omission of said one hundred having fourteen (14) sides. The barrel subway shall be ten (10) feet in width (6) inches in thickness and having a eight (108) feet of curb being opposite may be driven by trunnions at one or broken walk and surplus excavated between the concrete walls and shall height of concrete over all of five (5) the easterly end of a new street to be both ends, or by rollers underneath, material resulting from the construct have a reinforced concrete roof twelve feet nine (9) inches. All necessary opened westerly of the proposed im- but in no case shall a shaft be passed tion of said concrete sidewalk ap- (12) inches thick directly under the excavation therefor shall be made and provement and connecting therewith through the rattler chamber. all surplus excavated material remov- and to be known as Sunset Road. All tests shall be made on charges The said concrete sidewalk approach- formly varying from twelve (12) ed. The location and design of the said | The back of said curb shall be flush | containing but one make of paving | es hereinabove provided for shall be | inches to eight (8) inches in thickness water gate valve vaults are more par- with the edge of the said concrete brick at a time. The paving brick constructed upon seventy (70) cubic beyond the pavement. The said roof ticularly shown on said plates No. 3 pavement and the body portion of said charge shall consist of that number of yards of sand, composing a six (6) over the stairway shall be of rein-There shall be provided and install- one (1) part Portland cement, two (2) most nearly amounts to fifteen (15) said concrete sidewalk aproaches. | and the side walls of said stairway ed on the concrete wall of each of the parts sand and three and one-half per cent of the cubic contents of the There shall be excavated in the above the ground shall have an avervalve vaults hereinabove provided for (31/2) parts gravel or crushed stone. said rattler chamber. cover of nine (9) inches, with a and one-half (61/2) inches wide at the dried before weighing for the test. posed improvement where located six- half (1/2) inch in width shall be left quirements of this ordinance. The roadway herein provided to be tion, size and design of said concrete bricks as herein provided for.

grades hereinafter shown on said off, it shall be rolled with a hand of their original weight. from a line one hundred seventy-five eight (8) inches in width and two (2) degrees, nor more than two hundred Street. (175) feet east of the east line ex- feet longer than the width of the fifty (250) degrees Fahrenheit, and The parkways herein provided for ticularly shown on said plate No. 3 pavement and integral curb herein a metal trowel and the edges of the ing brick composing the test.

value of the pavement brick to be re- wetted and laid directly upon the sur- paving bricks are laid, the end joints improvement herein provided for. face before the concrete has sufficiently must be made close and immediately There shall be constructed in con- pounds of deformed steel reinforcing The depths and widths of the exca- set to prevent marring the surface. batted in at the curb line. Nothing nection with the improvement pro- bars.

The old combined curb and gutter dred (21,500) square yards of Port- matter until pavement is completed. | nine (9) inches over all extending parts sand and five (5) parts gravel where required to be removed shall be land cement concrete pavement here- After the bricks in the pavement four (4) feet into the ground. The or crushed stone. considered as excavated material, and inabove provided to be constructed have been inspected and the surface of portion underground shall be ten (10) There shall also be constructed in the said roadway shall then be so shall be cured by covering uniformly the pavement swept clean, the pave- inches square, and the portion above connection with the said subway forty cleared that after being thoroughly the surface of said pavement, using ment shall be rolled with a tandem ground shall taper from ten (10) (40) cubic yards of ornamental conrolled and compacted with a ten-ton two and one-half (21/2) pounds of self-propelling roller, weighing not inches square at the surface of the crete trim composed by volume of one self-propelling roller, the sub-grade flaked calcium chloride to each square less than three (3) nor more than five ground to eight (8) inches square at (1) part Portland cement, two (2)

proposed concrete and brick pave- said subgrade nine hundred (900) tamped to grade by the use of a hand edges shall be bevelled and the top thousand five hundred (2,500) pounds ments and integral curbs at the grades square yards of seven (7) inch thick tamper applied upon a two (2) inch three (3) inches shall be finished off of deformed steel bars. established herein and as more par- concrete base to receive the brick board.

concrete pavement, the brick pavement | There shall be constructed integral | After rolling or ramming, the sur- (9) inches from the top of the post. equal, sufficient to paint the five hunand the integral curbs herein provided with and along the edges of the said face of the pavement shall be swept The said eye bolts shall have a three- dred ninety (590) square yards of surconcrete base of the brick pavement clean and the joints between the brick quarter (%) inch shank, and the in- face of the said concrete walls and There shall be constructed upon the hereinafter provided for three hun- shall be completely filled with an side diameter of the eye in said bolts roof with three (3) coats of said said subgrade twenty-one thousand dred fifteen (315) lineal feet of Port- asphaltic filler at a temperature of shall be one and one-half (11/2) inches, waterproofing paint, or its equal. five hundred (21,500) square yards (as land cement concrete curb, except between three hundred fifty (350) and land the length under said eye shall There shall be provided and installmeasured from back to back of inte- where said brick pavement shall join four hundred fifty (450) degrees Fahr- be four and one-half (41/2) inches. ed in the construction of said subway gral curbs) of reinforced Portland ce- the existing brick pavement in Oak enheit. The asphaltic filler shall be composed by one thousand nine hundred thirty-six ment concrete pavement eleven (11) Street and the existing tar macadam of the best grade which has been in volume of one (1) part Portland (1936) square feet of white enameled inches in thickness composed by pavement in Oak Street, where said successful use for such purpose for not cement, two (2) parts sand, and four brick wall lining set in cement mortar volume of one (1) part Portland ce- concrete curb shall be omitted. The less than two (2) years, and a filler (4) parts gravel or crushed stone, and composed by volume of one (1) part of ment, two (2) parts sand, and three face and bottom of said curb shall be free from coal tar, and be of such con- each of said posts shall be reinforced white Portland cement and two (2) and one-half (31/2) parts gravel or flush with and join the edge and sistency as to have a penetration at with twenty-four and four tenths parts clean sharp sand. All joints crushed stone. The said Portland ce- bottom respectively of said concrete thirty-two (32) degrees Fahrenheit of (24.4) pounds of one-half (1/2) inch shall be full, struck and neatly pointed. ment concrete pavement shall be rein- base. The said curb shall extend from not less than two (2) millimeters square steel deformed reinforcing In connection with the construction forced with seventy-seven and four- the bottom of the said concrete base when tested with a No. 2 needle bars. tenths (77.4) tons of steel wire mesh. of said brick pavement to six (6) weighted with two hundred (200) There shall also be constructed in structed two hundred twenty-five (225) Said mesh shall weigh not less than 0.8 inches above the top surface of the grams for one minute. At one hun- connection with the improvement pro- square feet of concrete sidewalk appounds per square foot of effective said brick pavement at the edge there- dred fifteen (115) degrees Fahrenheit, vided for in this ordinance, one (1) proach to the westerly entrance of steel. The said steel fabric shall be of and said curb shall have a penetration of not square reinforced concrete guard post said subway. The said sidewalk apuniform in character, fibrous, tough height of eighteen (18) inches and the more than eight (8) millimeters when ten (10) feet three (3) inches over all, proach shall have an average width and ductile. Said steel shall have an lower twelve (12) inches of said curb tested with a No. 2 needle weighted extending four (4) feet into the of ten (10) feet, an average thickness ultimate tensile strength of not less shall be eight (8) inches thick, and the with fifty (50) ground, the portion under the ground of four and one-half (41/2) inches, and than eighty-five thousand (85,000) top of said curb shall be seven (7) seconds. Its melting point shall be ten (10) inches square. The shall be composed by volume of one pounds per square inch. The said re- inches thick. The body portion of the exceed two hundred fifty (250) degrees portion above the ground shall taper (1) part Portland cement, two (2) inforcement shall extend to within said curb shall be composed by vol- Fahrenheit. All joints and edges of from ten (10) inches square at the parts sand and four (4) parts gravel two (2) inches of all joints, but shall ume of one (1) part Portland cement, the brick shall be completely filled surface of the ground to eight (8) or crushed stone. The exposed surnot cross joints. Adjacent pieces of two and one-half (21/2) parts sand, and with the asphaltic filler, and if, after inches square at the height of six face of said approach to a depth of said fabric shall be lapped four (4) four (4) parts gravel or crushed stone. cooling, the joints are not flush and (6) feet above the ground. All ex- one (1) inch shall be composed by inches when the lap is made at right The exposed surface of said curb to a even with the surface, they shall be posed edges shall be bevelled. The volume of one (1) part Portland angles to the center line of said pave- depth of one-half (1/2) inch shall be repoured. ment, and twelve (12) inches when the composed by volume of one (1) part Immediately after the filling of the off in a pyramid shape. Said posts necessary excavation therefor shall be lap is made parallel with the center Portland cement and two (2) parts joints between the brick and between shall have two (2) eye bolts as herein- made and all surplus excavated masand. Open expansion joints one-half the brick and the curb of said brick above described, spaced eighteen (18) terial removed. There shall be provided and used in (1/2) inch in width and fifty (50) feet wearing surface, the surface of said inches centers from a point three (3) There shall also be provided and the construction of said reinforced apart shall be left in said curb. The pavement shall be covered with nine feet three (3) inches from the top of used in the construction of said conconcrete pavement thirty-seven hun- said curb shall also be divided into hundred (900) square yards of dry the post. The said posts shall have a crete sidewalk approach five (5) cubic dred (3700) lineal feet of asphaltic five (5) foot sections by closed joints sand top dressing having a thickness one-half (1/2) inch wrought iron con- yards of sand for a sub-base for said felt transverse expansion joint filler and all exposed corners shall be of one-quarter (1/4) inch.

Upon the said sand cushion herein- 4 and No. 5.

There shall also be provided and kind known as repressed vitrified ment at Oak Street, to form connection and design thereof, are more covered double braid single conductor used in the construction of said rein- brick, and shall be thoroughly anneal- tions between the said existing pave- particularly shown on said plate No. copper wire, Brown & Sharpe gauge, forced concrete pavement nine hun- ed, tough and durable, regular size, ments and the proposed pavements. 3 and plate No. 5. dred fifty (950) three-quarter (%) and shall be evenly burned. When inch deformed steel longitudinal joint bars and each of said bars shall have a length of five (5) feet and shall be spaced five (5) feet and shall be spaced five (5) feet and shall be spaced five (5) feet apart from end to end of said pavement.

There shall be constructed in conbroken, the brick shall show a dense and stone-like body, uniform in color twelve (12) inches thick bonded with spaced five (5) feet and shall be spaced five (5) feet apart from end to end of said pavement.

There shall be constructed in conbroken, the brick shall show a dense and stone-like body, uniform in color for in this ordinance one (1) pedestrian for in this ordinance one (1) pedestrian for in this ordinance one (1) one (1) inch two success, which shall be galvanized or shall be each square yard of said crushed to each square yard of said pavement.

There shall be constructed in conbroken, the brick shall be decrushed limestone macadam to the improvement provided and stone-like body, uniform in color twelve (12) inches thick bonded with substance one (1) pedestrian to the provided and stone-like body, uniform in color twelve (12) inches thick bonded with substance one (1) pedestrian to the provided and stone-like body, uniform in color twelve (12) inches thick bonded with substance one (1) pedestrian to the provided and stone-like body, uniform in color twelve (12) inches thick bonded with substance one (1) pedestrian to the provided and stone-like body, uniform in color twelve (12) inches thick bonded with substance one (1) pedestrian to

(6) inches with lead and oakum joints, inforced concrete pavement forty-five In size the paving brick shall not be until firm and compact. The said concrete roof, reinforced concrete floor, including two (2) six (6) inch cast hundred (4500) lineal feet of trape- less than three and three-eighths macadam pavement conections when reinforced concrete struts, reinforced iron water pipe bends. The necessary zoidal shaped longitudinal joint con- (3%) inches by eight and one-fourth completed shall be smooth and con- concrete stairways, combined ventilatcutting shall be done to make the two structed along the center line from end (81/4) inches, nor more than three and tinuous with the existing pavements ing shaft and safety island, vault connections to the existing mains, as to end of said concrete pavement and five-eights (35/8) inches by eight and where constructed. more particularly shown on said plate extending from the top to the bottom three-fourth (8%) inches. The edges In the construction of the improve- at entrance, plain concrete footings.

Street, and except along the westerly a rattler twenty-eight (28) inches in crete sidewalk approaches shall be the clear at the westerly entrance, ten

shall present a firm and even surface yard of said pavement.

(5) tons. Fortions of the pavement a height of three (3) feet six (6) parts sand and three (3) parts gravet at the proper elevation to receive the There shall be constructed upon the inaccessible to the roller shall be inches above the ground. All exposed or crushed stone, reinforced with two

ticularly shown on said plates No. 1 pavement hereinafter provided for. After the final rolling, the surface have two (2) three-quarter (34) inch for the outside surface of the concrete Said concrete base shall be composed shall be tested with a ten (10) foot galvanized malleable iron nut eye walls and roof hereinabove provided When the said subgrade shall be of a volume of one (1) part Portland straight edge, laid parallel with the bolts with a cast iron washer, the for as a part of said subway a quanprepared in the manner hereinabove cement, two and one-half (21/2) parts curb, and any depressions exceeding shank of each eye bolt being imbedded tity of Garden City Sand Company (of provided for, there shall be construct- sand, and four (4) parts gravel or one-quarter (4) of an inch must be in the concrete, spaced at eighteen Chicago) brand of waterproofing paint taken out.

meter. The said bars shall be spaced curb of said brick wearing surface. Avenue, and one hundred thiry (130) Said cable guard fence, including feet of No. 6 and two hundred ten three (3) feet six (6) inches apart. The brick for paving shall be of a square yards of said macadam pave- posts and other equipment, and the (210) lineal feet of No. 10 rubber

No. 3, and the said joints shall be of said pavement. The concrete on of the brick shall be rounded, the ment provided for in this ordinance, The said subway shall be provided calked with lead and oakum, the one side of said joint shall be painted radius of which shall not be less than there shall be adjusted and replaced with wrought iron pipe hand rails, trenches backfilled and the surplus ex- with a hot asphaltic cement. one eighth (%) of an inch, nor more thirty-five hundred (3500) square feet white enameled brick wall lining, There shall be constructed in con- than one-fourth (1/4) of an inch. The of concrete sidewalk approaches, hav- storm water inlet grating with conpreaches shall be removed.

curb shall be composed by volume of paving brick whose combined volume inch layer of said sand, to receive the forced concrete five (5) inches thick,

grading of the parkways one thous- age thickness of ten (10) inches and a cast iron manhole cover with rim The exposed surfaces of said curb to The rattler shall be revolved at a and (1,000) cubic yards of earth meas- an average height of four (4) feet. and solid lid having a combined weight a depth of one-half (1/2) inch shall uniform rate of not less than twenty- ured in the cut, including the removal The walls below the ground level of rim and lid of five hundred forty be composed by volume of one (1) eight (28) nor more than thirty (30) of all surplus parkway excavation. shall be constructed of reinforced con-(540) pounds with an average thick- part Portland cement and two (2) revolutions per minute for eighteen The said parkways herein provided to crete, and shall have a thickness of ness of metal of one and one-quarter parts sand. The said curb shall have hundred .(1800) revolutions. Such be graded shall be the portion of said sixteen (16) inches and an average (11/4) inches, and having a height of a height of six (6) inches, shall be six paving brick shall be thoroughly improvement between the easterly curb height of nine (9) feet. and the easterly line of said improve- The said walls shall set upon plain diameter of lid of twenty-three (23) top and nine and one-half (91/2) inches The charges of paving brick to be ment, and between the westerly curb concrete footings two (2) feet six (6) wide where it joins the said pavement, tested shall be taken promiscuously and the easterly edge of the westerly inches wide, with reinforced concrete There shall be grubbed out within and shall have an average width of from the paving brick proposed to be sidewalk along said improvement, or struts, eleven (11) feet centers, and the curb lines of the proposed im- eight (8) inches, and the exposed used in the pavement. No paving where there is no sidewalk, then to a said struts shall be two (2) feet six provement for a distance of one (1) corners of the said curb shall be brick shall be selected for test that line seven (7) feet four (4) inches (6) inches deep by three (3) feet in foot below the sub-grade of the pro- rounded. Open expansion joints one- would be rejected by any other re- easterly from and parallel with the width. The floor between said struts westerly line of said improvement, shall be five (5) inches thick and shall ty (60) trees, including the removal of in said curb above all expansion joints | The number of paving brick per The parkway in Willow Street shall be be constructed of concrete with wire in said concrete pavement. The loca- charge shall be ten (10 for all paving the portion of said improvement lying mesh reinforcements weighing fourbetween the north curb of said Wil- tenths (4/10) of a pound to each paved shall be so graded that after curb are more particularly shown upon | The paving brick shall be clean and low Street and the south edge of the square foot. The stairways for said being thoroughly rolled with a ten- said plates No. 1 to No. 6 inclusive. | dried for at least three (3) hours in a existing sidewalk on the north side of subway shall be constructed of reinton self-propelling roller until the sub- The surface of the concrete pave- temperature of one hundred (100) de- said Willow Street, and between the forced concrete with eleven (11) inch grade shall be thoroughly compacted ment shall be struck off and brought grees Fahrenheit before testing. The south curb of said Willow Street and treads and seven and one-half (71/2) and after the paving material is placed to the established grade by means of said subway the north edge of the existing side- inch risers. The walls of said subway thereon, the finished surface of said a strike board or a lute. As soon as withstanding the above test without walk on the south side of said Willow shall be lined with white enameled roadway shall be at the finished possible after concrete has been struck losing more than twenty (20) per cent Street. The south parkway in Oak brick to a height of seven (7) feet, Street shall be that portion of said measured from the floor of said subroller having a smooth even surface The paving brick shall not absorb improvement in Oak Street lying be- way. That portion of the inside walls There shall be provided and used approximately six (6) feet in length, more than three (3) per cent of their tween the south curb of said brick of said subway above the enameled for the filling at the intersection of not less than eight (8) inches in di- original weight, after being submitted pavement and the south sidewalk in brick, and the ceiling of said subway Willow Street and Church Road and ameter, and weighing not less than to the following test for absorbtion: said street, and the north parkway in shall receive two (2) coats of Shuron in Church Road from the South line one hundred (100) pounds. After the three paving brick shall be broken in Oak Street shall be that portion of Cement Coating No. 60, natural gray, extended of Willow Street southerly to rolling has been completed, the surface half and dried for twenty-four (24) said Oak Street lying between the or its equal. a line two hundred (200) feet south of of the pavement shall be finished by hours in a temperature of not less north line of the brick The location, dimensions, grades, de-Willow Street, and in Willow Street two (2) applications of a canvas belt than two hundred twenty-five (225) pavement and the north line of Oak sign, and details of construction of

tended of Forest Street to the west payement. In the application of said then tempered in distilled water main- within the lines of the proposed im- and plate No. 6. In the construction line extended of Church Road twenty- belt, the flat eight (8) inch surface tained at a temperature of not less provement shall be graded, smoothed, of the said subway, there shall be exfive hundred (2500) cubic yards of sand thereof shall be placed in contact with than sixty (60) degrees nor more than hand-raked and cleared of rubbish, cavated eight hundred (800) cubic filling which shall be flushed with the concrete. The surface of the pave- seventy-five (75) degrees Fahrenheit and shall have a uniform slope from yards of earth, and said excavation ment for a distance of eight (8) inches for forty-eight (48) hours. The gain the top of the curb herein provided for shall have an average depth of nine In the preparation of the sub-grade on each side of the asphaltic felt-filled shall be caluclated in the percentages to the top of the existing sidewalk (9) feet six (6) inches, measured in the to receive the concrete pavement, brick expansion joint shall be finished with of the original weight of the dry pav- adjacent to said curb, and all surplus excavated material is no existing sidewalk, the said park- shall be removed upon the completion provided for, there shall be excavated joint shall be rounded with an edging Upon the said sand cushion pre- way shall be graded with a rising of said subway. six thousand four hundred (6,400) tool having a radius of one-quarter pared as herein provided, the paving grade of one (1) inch vertical to There shall be provided and used in cubic yards of earth measured in the (1/4) inch, and the exposed joint sur- bricks shall be laid perpendicular with twelve (12) inches horizontal to the the construction of said subway two cut, including the removal of surplus face shall then be given a brush finish. the best edge up, the projections in easterly line of the proposed improve- hundred five (205) cubic yards of conexcavated materials remaining after The said concrete payement and curb one direction, and with the courses ment on the east side of the pave- crete composed by volume of one (1) the completion of the construction of shall be protected against rapid dry- straight and at right angles to the ment herein provided for, and to a part Portland cement, two (2) parts said pavements and curb. Due allow- ing by covering with ten (10) or curb line. All joints must be broken line seven (7) feet four (4) inches sand and four (4) parts gravel or ance shall be made for the salvage twelve (12) ounce burlap, thoroughly at least three (3) inches. After the easterly from the westerly line of the crushed stone reinforced with twenty-

roadway to receive the said concrete wet by sprinkling until the curing except in starting and finishing guard fence located in the easterly used in the construction of said suband brick pavements and integral hereinafter provided for shall be ap- courses. All paving bricks when laid parkway at Willow Street, consisting way ninety (90) cubic yards of plain shall be clean and kept clean and en- of thirteen (13) square reinforced concrete composed by volume of one The twenty-one thousand five hun- tirely free from dirt or other foreign concrete guard posts, seven (7) feet (1) part Portland cement, three (3) in a pyramid shape. Each post shall There shall be provided and used (18) inches centers from a point nine known as "Marine Cement" or its

top three (3) inches shall be finished cement and two (2) parts sand. All duit pipe running through the center two hundred twenty-five (225) square The location, dimension, size, de- thereof from the top to the bottom for feet of concrete sidewalk approach. inch thick and eleven (11) inches wide, Upon the concrete base hereinabove sign, and finished grade of the said electric wiring. The said posts shall There shall be provided and installed spaced fifty (50) feet apart from end provided for, there shall be spread concrete base, brick pavement and be composed by volume of one (1) part in the construction of said subway to end of said concrete pavement and nine hundred (900) square yards of concrete curbs for the same, together Portland cement, two (2) parts sand seventy (70) lineal feet of two (2) extending from edge to edge of said sand cushion one (1) inch in thickness with the details thereof, are more par- and four (4) parts gravel or crushed inch inside diameter black wrought pavement and normal to the center to receive the brick wearing surface. ticularly shown upon said plates No. stone, and shall be reinforced with iron pipe hand railing with malleable thirty-four (34) pounds of one-half iron fittings, which said hand railing There shall also be provided and above provided for there shall be In the adjusting of existing macad- (1/2) inch square steel deformed re- shall be painted with two (2) coats of

There shall also be provided and surface cracks must not exceed three- am pavement connections shall be formed in the construction of said re- sixteenths (3/16) of an inch in depth. The said subway shall consist of re- 6 wire, with porcelain cover, twenty inforced in the construction of said re- sixteenths (3/16) of an inch in depth.

lights, and ornamental concrete trim proposed pavement, and a roof uni-

said pedestrian subway are more par-

two thousand sixty-six (22,066)

vation required in the grading of the The burlap shall be kept continuously but whole paving bricks shall be used, vided for in this ordinance, a cable There shall also be provided and

of said subway, there shall be con-

dized, one hundred sixty (160) lineal National Electric Code, twenty (20)