

# GENERAL NOTES

LAKE COUNTY  
LAK-283-0.000



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121

PLAN NO.

## ITEM 252 - FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT

THIS ITEM IS TO BE USED FOR FULL DEPTH PAVEMENT REPAIRS. REPAIR AREAS SHALL BE AS DIRECTED BY THE ENGINEER. A TYPICAL SECTION DETAIL IS SHOWN ON SHEET 74 AND 77.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CALCULATED ON SHEET 14 AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 252 - FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT, TYPE I	791 SQ. METER
ITEM 252 - FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT, TYPE II	1583 SQ. METER
ITEM 252 - FULL DEPTH PAVEMENT SAWING	1920 METERS

## SUBBASE/SUBGRADE FAILURES

IF, AFTER FULL DEPTH REMOVAL OF THE EXISTING PAVEMENT, THE ENGINEER DETERMINES THAT THE SUBBASE OR SUBGRADE HAS FAILED OR IS PUMPING, HE SHALL DIRECT THE CONTRACTOR TO EXCAVATE THE UNSUITABLE MATERIAL AND REPLACE IT WITH ITEM 304-AGGREGATE BASE AS NECESSARY. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 203 - EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	30 CUBIC METERS
ITEM 304 - AGGREGATE BASE	30 CUBIC METERS

## ITEM 407 - TACK COAT

THE RATE OF APPLICATION OF 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT, AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION OF 0.32 LITERS PER SQUARE METER OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

## ITEM 448 - 0mm (MIN.) ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG 64-22

THIS MATERIAL SHALL BE PLACED IN A SEPARATE OPERATION WHERE AND AS DIRECTED BY THE ENGINEER.

## ITEM 202 - PAVEMENT REMOVED (DRIVE APRONS)

EXISTING DRIVE APRON PAVEMENT DESIGNATED AS DIRECTED BY THE ENGINEER SHALL BE REMOVED IN ACCORDANCE WITH ITEM 202. THE REMOVED DRIVE APRON PAVEMENT SHALL BE DISPOSED OF BY THE CONTRACTOR OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE BID FOR THE RESPECTIVE 202 ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES IN ADDITION TO THOSE SHOWN ON SHEET 110 HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR WORK AS DIRECTED BY THE ENGINEER.

ITEM 202 - PAVEMENT REMOVED (DRIVE APRONS)	100 SQ. METERS
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## DRIVEWAY APRONS

DRIVE APRONS SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. 203 MM - 452 PLAIN CONCRETE PAVEMENT SHALL BE USED AT COMMERCIAL DRIVES. 152 MM - 452 PLAIN CONCRETE PAVEMENT SHALL BE USED AT RESIDENTIAL DRIVES. DRIVEWAY DETAILS ARE INCLUDED ON SHEET 78.

THE FOLLOWING ESTIMATED QUANTITIES IN ADDITION TO THOSE SHOWN ON SHEET 110 HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR WORK AS DIRECTED BY THE ENGINEER.

ITEM 452 - 210 MM PLAIN CONCRETE PAVEMENT	20 SQ. METERS
ITEM 452 - 160 MM PLAIN CONCRETE PAVEMENT	80 SQ. METERS
ITEM 604 - ADJUSTING CASTINGS TO GRADE, AS PER PLAN	

ALL MANHOLES, MONUMENTS, WATER VALVE BOXES AND OTHER CASTINGS ENCOUNTERED WITHIN THE WORK LIMITS SHALL BE ADJUSTED TO GRADE. ADJUSTING RINGS SHALL NOT BE AN ACCEPTED MEANS OF ADJUSTING CASTINGS. BRICK USED FOR ADJUSTING TO GRADE SHALL BE CLAY OR SHALE BRICK MEETING THE REQUIREMENTS OF ASTM C 32 SEWER BRICK GRADE SM. CONCRETE BRICK OR MASONRY BLOCK SHALL NOT BE USED. OTHERWISE ALL WORK SHALL BE IN ACCORDANCE WITH ITEM 604.

THE FOLLOWING ESTIMATED QUANTITIES IN ADDITION TO THOSE SHOWN ON SHEETS 103, 116, AND 117 HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR WORK AS DIRECTED BY THE ENGINEER.

ITEM 604 - MANHOLE ADJUSTED TO GRADE, AS PER PLAN (STORM)	6 EA.
ITEM 604 - MANHOLE ADJUSTED TO GRADE, AS PER PLAN (SANITARY)	12 EA.
ITEM 604 - MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WATER)	6 EA.
ITEM 604 - CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	12 EA.

## ITEM 604 - MANHOLE OR CATCH BASINS RECONSTRUCTED TO GRADE, AS PER PLAN

THE CONTRACTOR AND THE PROJECT ENGINEER SHALL FIELD CHECK ALL EXISTING MANHOLES LOCATED WITHIN THE LIMITS OF THE PROJECT WHICH ARE TO REMAIN. ANY MANHOLE FOUND THAT EXHIBITS SUBSTANTIAL DETERIORATION AND REQUIRES MORE WORK THAN IS SPECIFIED UNDER CASTINGS ADJUSTED TO GRADE, SHALL BE RECONSTRUCTED TO GRADE AS DIRECTED BY THE ENGINEER. ADJUSTING RINGS SHALL NOT BE AN ACCEPTED MEANS OF ADJUSTING CASTINGS. BRICK USED FOR ADJUSTING TO GRADE SHALL BE CLAY OR SHALE BRICK MEETING THE REQUIREMENTS OF ASTM C 32 SEWER BRICK GRADE SM. CONCRETE BRICK OR MASONRY BLOCK SHALL NOT BE USED. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY SHEET.

ITEM 604 - CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	4 EA.
ITEM 604 - MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (STORM)	4 EA.