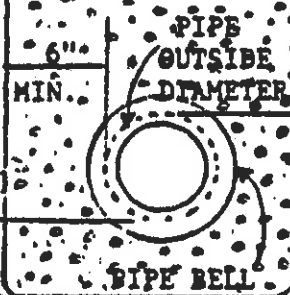


PRIMARY STREETS

BETA ST.
CIVIC CENTER DRIVE
CLEVELAND AVE.
COOLIDGE AVE.
"D" AVE.
DIVISION ST.
EUCLID AVE.
GRANGER AVE.
GROVE AVE.
HAFFLEY AVE.
HARBISON AVE.
HARBOR DRIVE
HIGHLAND AVENUE
HOOVER AVE.
"L" AVENUE
MAIN ST.
MANCHESTER ST.
MC KINLEY AVE
NATIONAL CITY BLVD.
PALM AVE.

PARADISE VALLEY RD.
PLAZA BLVD.
QUAY AVE.
RACHAEL AVE.
REO DRIVE
SWEETWATER RD.
TERMINAL AVENUE
TIDELANDS AVE.
TRANSPORTATION AVE.
WILSON AVE.
4TH STREET
8TH ST.
16TH STREET
18TH ST.
19TH ST. (WEST OF WILSON)
24TH STREET
28TH ST. (WEST OF TIDELANDS)
30TH STREET
33RD ST.

FOR STREET
SUBGRADE & BASE
PLACEMENT.
SEE SECTION
301 IN GREEN
BOOK



4" MINIMUM TO 8" MAXIMUM
BENEATH PIPE, OR, 1"
MINIMUM BENEATH BELL,
WHICHEVER IS GREATER.

SECONDARY STREETS

SECONDARY STREETS ARE THOSE STREETS NOT LISTED AS PRIMARY STREETS.

NOTES

- FOR EXISTING ASPHALT PAVEMENT STREETS, REPLACEMENT STRUCTURAL SECTION SHALL BE 3" ASPHALT CONCRETE OVER 8" COMPACTED AGGREGATE BASE FOR SECONDARY STREETS AND 4" ASPHALT CONCRETE OVER 10" COMPACTED AGGREGATE BASE FOR PRIMARY STREETS. ASPHALT CONCRETE SHALL BE C2-AR-4000 HOT MIX. ASPHALT CONCRETE SHALL BE PLACED IN LAYERS NOT EXCEEDING 2". ASPHALT CONCRETE PLACED BELOW THE TOP 2" LAYER MAY USE CLASS B AGGREGATE.
- FOR EXISTING CONCRETE STREETS, REPLACEMENT STRUCTURAL SECTION SHALL BE 8" CONCRETE FOR SECONDARY STREETS AND 10" CONCRETE FOR PRIMARY STREETS. CONCRETE SHALL BE 560-C-3250.
- PERMANENT REPAIRS SHALL BE MADE TO ALL CITY STREETS WITHIN 21 CALENDAR DAYS OF START OF WORK.
- A TACK COAT OF ASPHALTIC EMULSION OR PAVING ASPHALT SHALL BE APPLIED TO ALL CONTACT SURFACES.
- ALL ASPHALT CONCRETE SHALL BE SEAL COATED WITH EMULSIFIED ASPHALT AND COVERED WITH SAND.
- FOR SEWER PIPE 4" TO 18" DIAMETER THE EDGE OF TRENCH TO OUTSIDE DIAMETER OF PIPE DIMENSION SHALL BE 6" MINIMUM AND 8" MAXIMUM.
- PIPE BEDDING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 306-1.2.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION. BEDDING MATERIAL SHALL BE SAND, GRAVEL, CRUSHED AGGREGATE, NATIVE FREE DRAINING MATERIAL HAVING A SAND EQUIVALENT OF NOT LESS THAN 30 OR HAVING A COEFFICIENT OF PERMEABILITY GREATER THAN 1.4 INCHES PER HOUR, OR OTHER MATERIAL APPROVED BY THE ENGINEER.
- TRENCH COMPACTION SHALL BE OBTAINED IN ALL ZONES AND SHALL BE CERTIFIED BY A QUALIFIED SOILS LABORATORY.
- A METALLIC IDENTIFICATION TAPE SHALL BE PLACED BETWEEN SUBGRADE AND STRUCTURAL SECTION OF THE TRENCH WHERE NON-METALLIC PIPES ARE INSTALLED.
- WHEN P.V.C. PIPE IS USED, BEDDING MATERIAL SHALL BE ANGULAR 1/4" TO 3/4" GRADED STONE OR COARSE SANDS GRAVELS WITH 3/4" MAXIMUM SIZE.

REVISION	BY	APPROVED	DATE	CITY OF NATIONAL CITY STANDARD	DRAWING NO.
FEATHER- 1/2" MIN 1/4" MAX 1/2" MIN 1/4" MAX 1/2" MIN 1/4" MAX	2/10	q.s.	2/10	UTILITY PIPE BEDDING TRENCH BACKFILL, TRENCH RESURFACING AND NEW STREET CONSTRUCTION.	113-S-B