TRENCH EXCAVATION AND BACKFILL
WATER LINES
N.T.S.

TRENCH EXCAVATION AND BACKFILL
SEWER AND STORM SEWER LINES
N.T.S.

NOTES:
1. SEE TECHNICAL SPECIFICATIONS FOR MATERIALS AND COMPACTION REQUIREMENTS
2. NATIVE MATERIAL MAY BE USED AS BEDDING, SELECT BACKFILL, AND GENERAL BACKFILL UNLESS UNSUITABLE MATERIAL IS ENCOUNTERED OR INDICATED OTHERWISE.

REVISED BY:

DATE:

CITY OF
BOARDMAN, OREGON
STANDARD DRAWING

TRENCH EXCAVATION AND BACKFILL

ST1
TRENCH RESTORATION
GRAVEL STREETS, ROADWAYS, SHOULDERS, AND PARKING AREAS

GENERAL BACKFILL

8" MIN. BASE AGGREGATE FOR STREETS AND ROADS

4" MIN. BASE AGGREGATE FOR SHOULDERS

4" MIN. BASE AGGREGATE FOR PARKING AREAS

OF EQUAL TO EXISTING THICKNESS, WHICHEVER IS GREATER

3" MIN. ASPHALT CONCRETE PAVEMENT OR EQUAL TO EXISTING, WHICHEVER IS GREATER

GENERAL BACKFILL

SAW CUT EXISTING PAVEMENT PRIOR TO PATCHING AS REQUISITE TO PROVIDE A NEAT, TRANSLATER, WITH TRENCH CENTERLINE, MIN. WIDTH 12".

8" MIN. BASE AGGREGATE OR EQUAL TO EXISTING, WHICHEVER IS GREATER.

TRENCH RESTORATION
PAVED STREETS AND ROADWAYS

N.T.S.
SIDEWALK SECTION

4" MAX DEPTH CONCRETE SIDEWALK
2" MAX. SEE NOTE 2

CURB AND GUTTER SEE CITY STD Dwg 575

SIDEWALK SECTION WITH SETBACK

4" MAX DEPTH CONCRETE SIDEWALK
2" MAX. SEE NOTE 2

CURB AND GUTTER SEE CITY STD Dwg 575

NOTES
1. PROVIDE EXPANSION JOINTS AROUND POLES, BOXES, AT THE ENDS OF EACH DRIVEWAY, AROUND ANY FIXTURES MASH PROTECTORS THROUGH THE SIDEWALK. AND BETWEEN ANY STRUCTURE IMMEDIATELY ADJACENT.

2. TO MAINTAIN SLOPES DO NOT EXCEED MAXIMUM ALLOWABLE SLOPES. IT IS RECOMMENDED TO SET SLOPES LOWER THAN MAXIMUM ALLOWABLE SLOPES AS FOLLOWS:
   - FOR 25% MAX, SET SLOPE AT 1:3
   - FOR 50% MAX, SET SLOPE AT 1:5
   SIDEWALK WITH SLOPES EXCEEDING MAXIMUM ALLOWABLE VALUES SHALL BE REMOVED AND REPLACED BY CONTRACTOR AT EXPENSE.

3. COMPACT AGGREGATE BASE TO 95% MAXIMUM DENSITY PER ASTM D557.

4. ALL CONCRETE SHALL BE COMMERCIAL GRADE 4,000 PSI CONCRETE.
NOTES:
1. NORMAL SLOPE SHALL BE 2.5% AND MAY VARY WITH THE CITY'S APPROVAL.
2. FOR USE AS REPLACEMENT CURB AND GUTTER ONLY.
3. ALL CONCRETE SHALL BE COMMERCIAL GRADE 4000 PSI CONCRETE.
4. COMPACT AGGREGATE BASE TO 95% MAXIMUM DRY DENSITY PER ASTM 1557.

TYPICAL MOUNTABLE CURB AND GUTTER DETAIL

NOTE:
NORMAL SLOPE SHALL BE 2.5% AND MAY VARY WITH THE CITY'S APPROVAL.

LOW PROFILE MOUNTABLE CURB AND GUTTER DETAIL

CITY OF
BOARDMAN, OREGON
STANDARD DRAWING

REVISION | DATE
--- | ---
ORIGINAL DEVELOPMENT | MARCH 2021

FIGURE ST5

MOUNTABLE CURB AND GUTTER
RIBBON CURB AND DRAINAGE SWALE

NOTES:
1. SLOPE SHALL NOT EXCEED 3:1 UNLESS APPROVED BY THE CITY. DRAINAGE SWALE SHALL BE PLANTED WITH GRASS OR SOD OVER A MINIMUM OF 6" OF THE TOP SOIL.
2. NORMAL SLOPE SHALL BE 2:5:1 AND MAY VARY WITH THE CITY’S APPROVAL.
3. ALL CONCRETE SHALL BE COMMERCIAL GRADE 4,000 PSI CONCRETE.
LANE OPTION 1

LANE OPTION 2

PAVEMENT SECTION

NOTES:
1. ASPHALT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN 1 LIFT.
2. SLOPES SHALL NOT EXCEED 3:1 UNLESS APPROVED BY THE CITY.
3. DEPTH OF CRUSHED AGGREGATE BASE SHALL BE CONFIRMED BY A SITE SOILS INVESTIGATION AND APPROVED BY THE CITY.
PAVEMENT SECTION

NOTES:
1. ASPHALT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN 1 LIFT.
2. SLOPES SHALL NOT EXCEED 3:1 UNLESS APPROVED BY THE CITY.
3. DEPTH OF CRUSHED AGGREGATE BASE SHALL BE CONFIRMED BY A SITE SOILS INVESTIGATION AND APPROVED BY THE CITY.
PAVEMENT SECTION

NOTES:
1. ASPHALT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN 1-LFT.
2. SLOPES SHALL NOT EXCEED 3:1 UNLESS APPROVED BY THE CITY.
3. SLOPES SHALL NOT EXCEED 3:1 UNLESS APPROVED BY THE CITY.
4. DRAINAGE SHAL BE PLANTED WITH GRASS OR SOD OVER A MINIMUM OF 6" OF TOP SOIL.
5. DEPTHS OR CRUSHED AGGREGATE BASE SHALL BE CONFINED BY A SITE SOILS INVESTIGATION AND APPROVED BY THE CITY.
NOTES
1. ASPHALT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN 1 LIFT.
2. SLOPES SHALL NOT EXCEED 3:1 UNLESS APPROVED BY THE CITY.
3. DEPTHS OF CRUSHED AGGREGATE BASE SHALL BE CONFIRMED BY A SITE SOIL INVESTIGATION AND APPROVED BY THE CITY.

PAVEMENT SECTION
N.T.S.