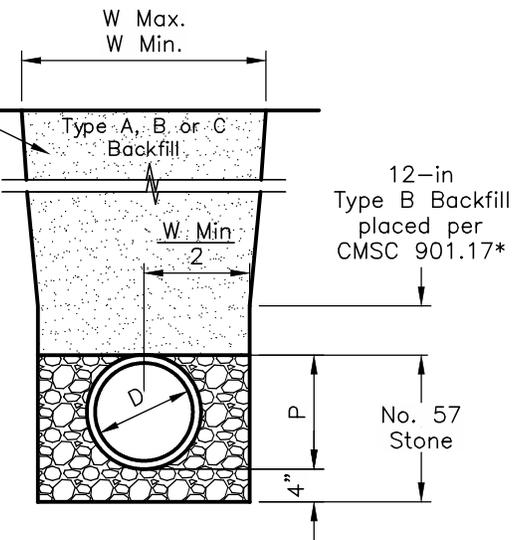
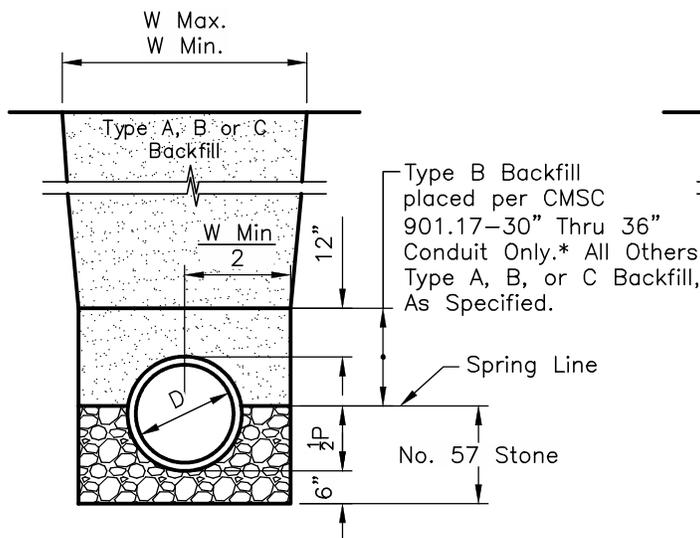


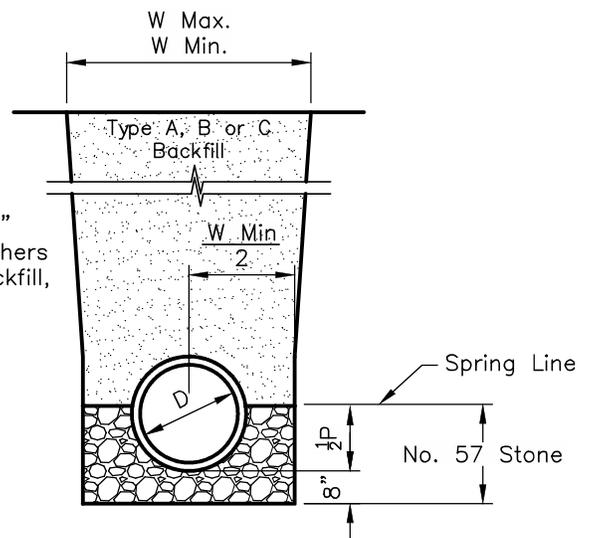
**TYPICAL SECTION**  
6" THRU 16" RIGID CONDUIT  
ALL FLEXIBLE CONDUIT



**TYPICAL SECTION**  
18" THRU 27" RIGID CONDUIT



**TYPICAL SECTION**  
30" THRU 36" RIGID CONDUIT



**TYPICAL SECTION**  
42" & LARGER RIGID CONDUIT

\* No. 57 Stone may be substituted without additional compensation

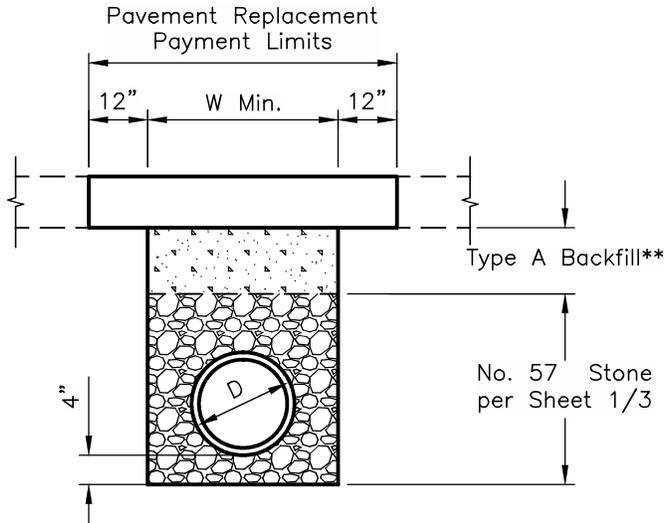
Approved By:  
  
 City Engineer, EMH&T Inc  
  
 City Service Director

STANDARD DIMENSIONS  
FOR  
TYPICAL TRENCH  
SECTIONS WITH TYPE I  
BEDDING

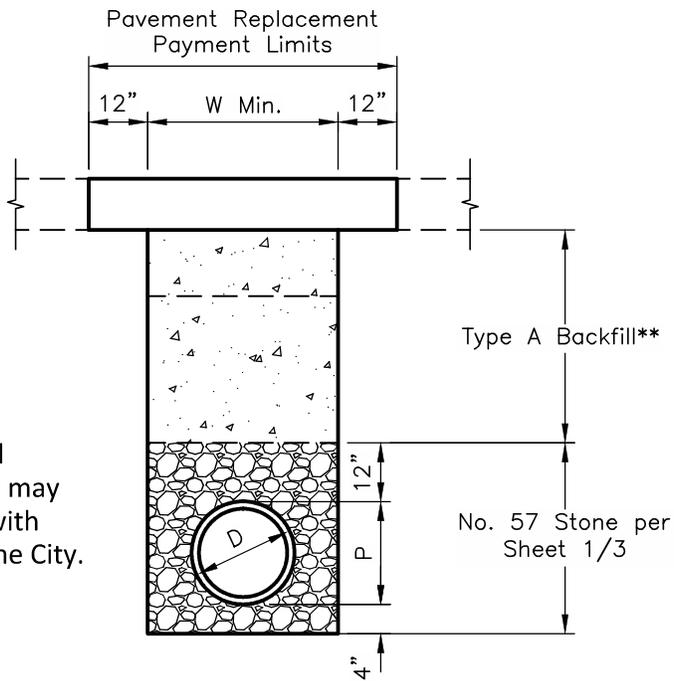
**CITY OF  
GROVE CITY, OHIO**

STANDARD  
CONSTRUCTION DRAWING

Revised	Sheet	Drawing No.
October 2015	1/3	C-GC-26



**TYPICAL SECTION**  
RIGID CONDUIT UNDER EXISTING OR PROPOSED PAVEMENT



**TYPICAL SECTION**  
FLEXIBLE CONDUIT UNDER EXISTING OR PROPOSED PAVEMENT

\*\* Flowable Controlled Density Fill (FCDF), Type II per CMSC Item 613 may be substituted for Type A Backfill with approval of or at the direction of the City.

Approved By:  
  
 City Engineer, EMH&T Inc  
  
 City Service Director

STANDARD DIMENSIONS FOR  
 TYPICAL TRENCH SECTIONS WITH TYPE I BEDDING

<b>CITY OF GROVE CITY, OHIO</b>		
STANDARD CONSTRUCTION DRAWING		
Revised	Sheet	Drawing No.
October 2015	2/3	C-GC-26

**TYPICAL TRENCH - NOTES**

All item numbers shown refer to City of Columbus Construction and Material Specifications (CMSC) item numbers.

Type A Backfill shall be granular material, conforming to Item 304 as directed by the Engineer compacted as stipulated in Item 912.03. In all cases granular material shall be used around all manholes, structures and cleanouts.

Type B Backfill shall be natural soil free from stones larger than two inches across their greatest dimension, topsoil, vegetation, debris, rubbish or frozen material, compacted to 95% of its maximum laboratory dry weight. Placed per section 901.17

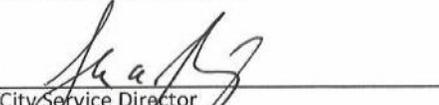
Type C Backfill shall be natural soil free from stones larger than six inches across their greatest dimension, vegetation, debris, rubbish or frozen material, compacted to 90% of its maximum laboratory dry weight. When approved by the Engineer, rocks no larger than one cubic foot may be deposited at least three feet above the top of the sewer.

Aggregate for bedding is No. 57, Item 703.

The excavated trench width twelve inches (12") above the conduit may be increased without extra compensation.

Trench dams shall be constructed on all sanitary sewers in accordance with Item 901.11.

DIMENSIONS – INCHES											
CONDUIT		Min. W	Max. W	CONDUIT		Min. W	Max. W	CONDUIT		Min. W	Max. W
D	P			D	P			D	P		
6	7-7/16	30	48	24	30	48	60	66	79	105	127
8	9-3/4	30	48	27	33-1/2	52	64	72	86	116	134
10	12	30	48	30	37	57	67	78	92	123	141
12	14-5/16	32	48	33	40-1/2	61	71	84	101	130	148
15	17-13/16	36	50	36	44	64	74	90	106	136	155
16	19	38	52	42	51	71	81	96	113	143	162
18	23	40	53	48	58	78	88	102	119	151	169
20	25-1/4	42	56	54	65	87	95	108	126	160	176
21	26-1/2	44	57	60	72	96	102				

Approved By:  
  
 City Engineer, EMH&T Inc  
  
 City Service Director

STANDARD DIMENSIONS  
 FOR  
 TYPICAL TRENCH  
 SECTIONS WITH TYPE I  
 BEDDING

**CITY OF  
 GROVE CITY, OHIO**  
 STANDARD  
 CONSTRUCTION DRAWING  
 Revised October 2015    Sheet 3/3    Drawing No. C-GC-26