

NOTES:

1. IN COMBINED SEWER AREAS, ALL COMBINED/STORM SEWER MANHOLES, CATCH BASINS, INLETS ETC., SHALL BE JOINED WITH WATERTIGHT FLEXIBLE RUBBER CONNECTORS CONFORMING TO ASTM C-443 & C-923, WITH STAINLESS STEEL BAND.
2. SEWER BEDDING AND BACKFILL MATERIAL TO BE CA-11 OR CA-13 AS PER MWRD GENERAL NOTE #6. THIS SUPERCEDES INFORMATION ON DETAILS INCLUDED IN THIS SHEET.

UNISE DIA. OF CONDUIT OR PIPE (INCHES)	MAXIMUM TRENCH WIDTH AT TOP OF CONDUIT OR PIPE
6	3'-3"
8	3'-2"
10	3'-2"
12	3'-6"
15	3'-6"
18	3'-10"
21	4'-4"
24	4'-8"
27	4'-11"
30	5'-3"
33	6'-0"
36	6'-4"
42	6'-11"
48	7'-5"
54	8'-7"
60	9'-2"
66	9'-9"
72	10'-4"
78	10'-11"
84	11'-6"
90	12'-1"
96	12'-8"
102	13'-3"
108	13'-10"

Notes:

1. Definition of one (1) Sack Slurry Mix - one (1) sack cement to one (1) cubic yard sand to be transit mixed and delivered.
2. Contractor is to remove and dispose of all excavated material off - site.
3. Contractor shall sawcut six (6") inches each side of the trench for removal. All sawcuts shall be full length.
4. Trenches shall not exceed five (5') feet in depth without proper shoring and permission. OSHA notification will be required.
5. Trench is to be excavated to firm, undisturbed soil. If over excavation is required to reach a firm trench bottom, the contractor shall fill the void with CAS and compact to obtain proper density and grade.
6. Instead of slurry backfill, the contractor at the Village's option, utilize Trench Backfill as specified in the 2007 "Standard Specifications for Road and Bridge Construction, latest edition." Compaction tests shall be required in locations approved by the Village and these tests shall be paid for by the contractor. Backfill and compaction will be performed on every other lift. All tests shall have 95% compaction or better. The contractor shall also furnish the Village with a copy of the final compaction report.
7. All bituminous and portland cement concrete pavement shall meet the requirements of and be constructed in accordance with the Standard Specifications for Road and Bridge Construction, latest edition.
8. Minimum thickness of pavement based on type of street.

TRENCH BACKFILL
Village of Morton Grove
CONSTRUCTION STANDARDS T - 1A

TRENCH BACKFILL
Village of Morton Grove
CONSTRUCTION STANDARDS T - 1

EXIST. BIT. PAVEMENT ON P.C.C. ST.

EXIST. P.C.C. ST.

EXIST. BIT. PAVEMENT

NOTE

1. For maximum trench width and General Notes see Std. T-1A
2. Instead of a Slurry backfill the contractor may at his option comply with Item 6 of STD. T-1A
3. Any Excavation in Parkway areas shall be Restored to original condition and to the satisfaction of the Village Engineer

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 58 (DEMPSTER ST) IMPROVEMENTS
NAME	DATE	
		MISCELLANEOUS DETAILS
SCALE: N.T.S.		DRAWN BY: NKU
DATE: 10-16-09		CHECKED BY: RY
McDonough Associates Inc. Engineers / Architects		