MATCH LINE STA. 127+00.00

MATCH LINE STA. 133+00.00
SEE DRAWING SAN-03

N

165TH ST

402

8" SAN

RD)

127 128 129 130+00 131 132

US 45 (LAGRANGE RD)

SANITARY FORCE MAIN TO BE ABANDONED & FILLED WITH FLOWABLE FILL STA. 128+58, 61.6' RT.

PROPOSED SANITARY FORCE MAIN STA. 132+80, 60.6' RT.

PROPOSED 6" SANITARY FORCE MAIN

PROPOSED 4" SANITARY FORCE MAIN

4" AND 6" SAN FORCE (IF ONCE)

STA 128+97.17 ℄ US 45 =
STA 402+27.12 ℄ 165TH ST

PROPOSED PGL
SEE TYPICAL SECTIONS US 45

+1.50%

VPT +67.24
EL. 706.37

PROPOSED 4" FORCE MAIN
AND 6" FORCE MAIN
PVC SDR 21

6.0' MIN. (TYP.)

128+58

130+50

132+50

EXISTING GROUND LINE
℄ US 45

CONNECT TO EXISTING FORCE MAINS
STA 128+58, 62.6' RT
NORTHING 1793671.43
EASTING 1115860.23

EXISTING 12" WATER MAIN
STA 128+66, 62.6' RT
INV ELEV 694.5

12" PROPOSED UNDERCUT - FULL PAVEMENT WIDTH
REPLACE WITH AGGREGATE SUBGRADE IMPROVEMENT
UNDERLAIN BY GEOTECHNICAL FABRIC FOR GROUND INVOLVEMENT

EXISTING 10" WATER MAIN
STA 132+84, 62.5' RT
INV ELEV 706.5

EXISTING 8" SANITARY SEWER
STA 132+79, 62.5' RT
INV ELEV 703.5

715 710 705 700 695 690

704.53	704.81	705.12	705.47	705.86	706.37	707.13	708.03	709.08	710.30	711.62	712.86	714.08
705.49	706.12	706.86	707.61	708.36	709.11	709.86	710.61	711.36	712.11	712.86	713.61	714.36

127+00 127+50 128+00 128+50 129+00 129+50 130+00 130+50 131+00 131+50 132+00 132+50 133+00

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

URS
100 S. WACKER DR.
SUITE 1700
CHICAGO, IL 60606
TEL (312)939-1000
FAX (312)939-4198

FILE NAME =	USER NAME = Anthony.Plutz	DESIGNED - MDB	REVISED -
D160F05-SHT-SAN02.dgn		DRAWN - MDB	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - TDW	REVISED -
SHT_PLNPROF URBAN	PLOT DATE = 3/12/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY FORCE MAIN PLAN – US 45 (LAGRANGE ROAD)

SCALE:1"=20'H;1"=5'V | SHEET 2 OF 3 SHEETS | STA. 127+00.00 TO STA. 133+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-3	COOK	932	378
	SAN-02	CONTRACT NO. 60F05		
	ILLINOIS FED. AID PROJECT			

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