S 1-01
STA 61+00.00 (55S70W)
O/S 10.00' RT
INLETS, TYPE A
TYPE 20 F&G
RIM: 406.26
E. INV (12"): 400.91

S 1-02
STA 60+84.00 (55S70W)
O/S 15.00' RT
INLETS, TYPE A
TYPE 8 GRATE
RIM: 405.37
S. INV (18"): 400.57

S 1-03
STA 60+84.00 (55S70W)
O/S 10.00' RT
CATCH BASINS, TYPE A 4'-DIAM.
TYPE 20 F&G
RIM: 406.27
N. INV (18"): 400.51
S. INV (18"): 400.51
W. INV (12"): 400.51

S 1-04
STA 60+84.00 (55S70W)
O/S 3.00' RT
MANHOLES, TYPE A 5'-DIAM.
TYPE 1 FRAME CL
RIM: 406.55
N. INV (18"): 400.44
S. INV (21"): 400.44
W. INV (18"): 400.44

S 1-05
STA 61+00.00 (55S70W)
O/S 30.00' LT
INLETS, TYPE A
TYPE 20 F&G
RIM: 407.38
E. INV (12"): 402.05

S 1-06
STA 60+84.00 (55S70W)
O/S 30.00' LT
CATCH BASINS, TYPE A 5'-DIAM.
TYPE 20 F&G
RIM: 407.39
N. INV (21"): 400.12
SE. INV (21"): 396.12
W. INV (12"): 401.65

S 1-07
STA 60+82.25 (55S70W)
O/S 40.00' LT
MANHOLES, TYPE A 6'-DIAM.
2 - TYPE 1 FRAMES CL,
RESTRICTOR PLATE
RIM: 403.26
NW. INV (21"): 396.01
SE. INV (21"): 396.01
(SEE DRAINAGE DETAIL 2
FOR RESTRICTOR INFORMATION)

S 1-08
STA 78+52.75 (55S)
O/S 40.00' LT
MANHOLES, TYPE A 5'-DIAM.
TYPE 1 FRAME CL
RIM: 402.50
NW. INV (21"): 395.38
SE. INV (12"): 395.11 (EX)

EX. S 1-09
STA 62+28.80 (55S70W)
O/S 32.00' RT
EXISTING SANITARY MANHOLE
TYPE 1 FRAME CL
RIM: 420.53
NE. INV (42"): 404.59 (EX)
SW. INV (42"): 404.59

S 1-10
STA 61+40.00 (55S70W)
O/S 3.00' RT
MANHOLES, TYPE A 4'-DIAM. (FST)
TYPE 1 FRAME CL
RIM: 406.65
N. INV (PUD 8"): 402.01
E. INV (18"): 402.01
W. INV (18"): 402.01

S 1-11
STA 61+73.00 (55S70W)
O/S 3.00' RT
MANHOLES, TYPE A 4'-DIAM. (FST)
TYPE 1 FRAME CL
RIM: 406.86
N. INV (PUD 4"): 402.93
E. INV (18"): 402.93
W. INV (18"): 402.93

S 1-12
STA 63+50.00 (55S70W)
O/S 30.00' LT
INLETS, TYPE B
TYPE 20 F&G
RIM: 411.15
N. INV (12"): 406.37

S 1-13
STA 63+50.00 (55S70W)
O/S 10.00' RT
INLETS, TYPE B
TYPE 20 F&G
RIM: 409.51
S. INV (12"): 405.17

SN 082-0378
CONSTRUCTED IN
CONTRACT 76C55

64 FOOT STORM
SEWER REMOVAL 12"

1 EACH REMOVING
MANHOLES

EXISTING 12" STORM SEWER
USED AS TEMPORARY CONNECTION
(TO BE REPLACED IN CONTRACT 76C53)

55N ℄

71 FOOT STORM SEWER
REMOVAL 12"

75 FOOT STORM SEWER
REMOVAL 12"

174 FOOT PIPE UNDERDRAINS 6"

260 FOOT PIPE UNDERDRAINS 6"

SB I-55

55S ℄

SEE DRAINAGE DETAIL 2
FOR RESTRICTOR INFORMATION

1 EACH REMOVING INLETS

11 FOOT PIPE UNDERDRAINS 6" (SPECIAL)

1 EACH
REMOVING
CATCH BASINS

32 FOOT PIPE UNDERDRAINS 6"

10 FOOT PIPE
UNDERDRAINS 6"
(SPECIAL)

RAMP 55S70W

RAMP 55S70W ℄

263 FOOT PIPE
UNDERDRAINS 6"

5 FOOT PIPE
UNDERDRAINS 6"
(SPECIAL)

117 FOOT PIPE
UNDERDRAINS 6"

5 FOOT PIPE
UNDERDRAINS
6" (SPECIAL)

MATCH LINE STA 59+00 RAMP 55S70W

MATCH LINE STA 65+00 RAMP 55S70W

1 EACH
REMOVING
CATCH BASINS

EXCHANGE AVE

10 FOOT PIPE
UNDERDRAINS FOR
STRUCTURES 4"

251 FOOT COMBINED
SEWER REMOVAL 42"

SN 082-W301
CONSTRUCTED IN
CONTRACT 76C55

STONE RIPRAP CL A4
3 SQ YD
FILTER FABRIC
3 SQ YD

33 FOOT STORM SEWER
REMOVAL 12"

10 FOOT PIPE
UNDERDRAINS FOR
STRUCTURES 8"

16 FOOT COMBINED SEWER REMOVAL 42"

1 EACH SANITARY MANHOLES
TO BE REMOVED

42" COMB

72" OUTLET PIPE

18" RCP

18" CONC

S 1-14
STA 63+50.00 (55S70W)
O/S 3.00' RT
MANHOLES, TYPE A 4'-DIAM.
TYPE 1 FRAME CL
RIM: 409.88
N. INV (12"): 404.93
E. INV (18"): 404.70
S. INV (12"): 404.93
W. INV (15"): 404.70

S 1-15
STA 64+70.00 (55S70W)
O/S 13.44' RT
INLETS, TYPE A
TYPE 8 GRATE
RIM: 413.23
S. INV (12"): 410.27

S 1-16
STA 64+70.00 (55S70W)
O/S 3.00' RT
MANHOLES, TYPE A 4'-DIAM. (FST)
TYPE 1 FRAME CL
RIM: 413.81
N. INV (12"): 409.87
E. INV (15"): 408.31
W. INV (15"): 408.31

S 1-17
STA 64+83.00 (55S70W)
O/S 15.00' RT
MANHOLES, SANITARY 6'-DIAM.
TYPE 1 FRAME CL
RIM: 413.81
E. INV (42"): 404.79
W. INV (42"): 404.79

S 1-18
STA 78+70.00 (55S)
O/S 10.00' RT
INLETS, TYPE A
TYPE 24 F&G
RIM: 399.62
W. INV (12"): 395.62

S 1-19
STA 80+00.00 (55S)
O/S 10.00' RT
INLETS, TYPE B
TYPE 24 F&G
RIM: 394.60
E. INV (12"): 390.49
W. INV (15"): 390.29

S 1-20
STA 81+50.00 (55S)
O/S 10.00' RT
CATCH BASINS, TYPE A 4'-DIAM.
TYPE 24 F&G
RIM: 390.60
E. INV (15"): 385.08
W. INV (15"): 385.08

S 1-21
STA 82+62.00 (55S)
O/S 10.00' RT
CATCH BASINS, TYPE A 4'-DIAM.
TYPE 24 F&G
RIM: 388.94
E. INV (15"): 383.40
W. INV (15"): 383.40

P 1-01
16 FOOT STORM SEWERS
CLASS A TYPE 2 12"@ 2.50%
TBF = 8.3 CU YD

P 1-02
6 FOOT STORM SEWERS
CLASS A TYPE 2 18" @ 1.00%
TBF = 2.3 CU YD

P 1-03
7 FOOT STORM SEWERS
CLASS A, TYPE 2 18" @ 1.00%
TBF = 4.1 CU YD

P 1-04
32 FOOT STORM SEWERS
CLASS A, TYPE 2 21" @ 1.00%
TBF = 23.3 CU YD

P 1-05
16 FOOT STORM SEWERS
CLASS A, TYPE 2 12" @ 2.50%
TBF = 8.2 CU YD

P 1-06
11 FOOT STORM SEWERS
CLASS A, TYPE 2 21" @ 1.00%
TBF = 6.1 CU YD

P 1-07
63 FOOT STORM SEWERS
CLASS A, TYPE 2 21" @ 1.00%
TBF = 46.2 CU YD

P 1-10
56 FOOT STORM SEWERS
CLASS A, TYPE 2 18" @ 2.68%
TBF = 27.2 CU YD

P 1-11
33 FOOT STORM SEWERS
CLASS A, TYPE 1 18" @ 2.79%
TBF = 6.0 CU YD

P 1-12
32 FOOT STORM SEWERS
CLASS A, TYPE 2 12" @ 4.50%
TBF = 8.2 CU YD

P 1-13
6 FOOT STORM SEWERS
CLASS A, TYPE 2 12" @ 4.00%
TBF = 1.4 CU YD

P 1-14
177 FOOT STORM SEWERS
CLASS A, TYPE 1 18" @ 1.00%
TBF = 38.4 CU YD

P 1-15
10 FOOT STORM SEWERS
CLASS A, TYPE 1 12" @ 4.00%
TBF = 1.1 CU YD

P 1-16
120 FOOT STORM SEWERS
CLASS A, TYPE 2 15" @ 3.01%
TBF = 58.1 CU YD

P 1-17
251 FOOT COMBINED SEWERS
CLASS A, TYPE 2 42" @ 0.09%
TBF = 0.0 CU YD

P 1-18
129 FOOT STORM SEWERS
CLASS A, TYPE 1 12" @ 3.98%
TBF = 15.5 CU YD

P 1-19
149 FOOT STORM SEWERS
CLASS A, TYPE 2 15" @ 3.50%
TBF = 39.5 CU YD

P 1-20
111 FOOT STORM SEWERS
CLASS A, TYPE 2 15" @ 1.51%
TBF = 57.3 CU YD

P 1-21
103 FOOT STORM SEWERS
CLASS A, TYPE 2 15" @ 1.00%
TBF = 52.8 CU YD

USER NAME = searsb	DESIGNED - KLK	REVISED -	
	DRAWN - KLK	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - EEY	REVISED -	
PLOT DATE = $DATE$	DATE - 3-18-11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITY PLAN
RAMP 55S70W

SCALE: 1" = 20' | SHEET NO. 1 OF 9 SHEETS | STA. 60+50 TO STA. 65+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-1	ST. CLAIR	319	58
		CONTRACT NO. 76C75		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FILE NAME = P:\P60046609\900_CAD\901_Drawings\76C75_Contract\Sheet\Civil\Drainage\D8Tri-76C75-sht-drain-01.dgn