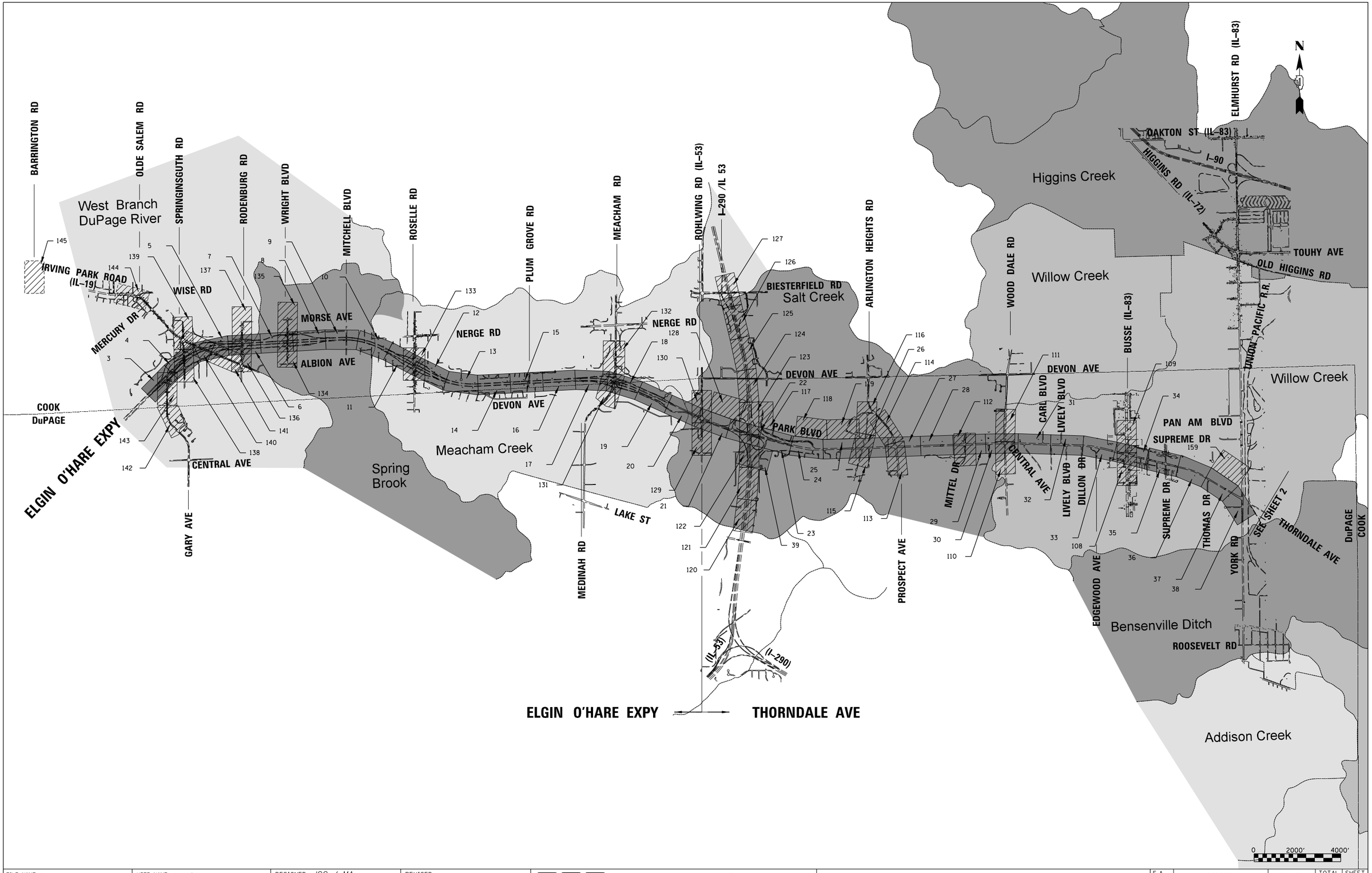

ELGIN O'HARE EXPY → THORNDALE AVE

FILE NAME = DIEOWB-sht-ex-drain-KEY1.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 4000'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
KEY PLAN E-W

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			164	1
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-KEY1.dgn

FILE NAME = DIEOWB-sht-ex-drain-KEY2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 4000'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
KEY PLAN N-S

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			164	2
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-KEY2.dgn

OUTLET DP 1

OUTLET DP 6B

PROJECT LIMIT

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

RAMP

GARY AVE S.B.

STRUCTURE NOT FOUND

MATCH LINE SEE SHEET 4

SEE SHEET 143

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	
DITCH SUMMIT	
LOCAL STORM SEWER	
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

0 50' 100'

KEY PLAN

WISE RD, BARRINGTON RD, IRVING PARK RD, GARY AVE, SPRINGSOUTH RD, RODENBURG RD, WRIGHT BLVD, MITCHELL BLVD, S RIDGELE RD, PLUM GROVE ROAD, MEDINAH RD, MEACHAM RD, IRONWING RD, I-290, N ARLINGTON HEIGHTS RD, PROSPECT RD, TOWNE RD, WOOD DALE RD, MITTEL DR, BUSSE (IL-83 N), YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	3
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E2.dgn

SEE SHEET 138

SEE SHEET 140

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 5

PROJECT LIMIT

PROJECT LIMIT

SEE SHEET 138

RAMP

RAMP

RAMP

RAMP

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

FRONTAGE RD

FRONTAGE RD

SPRINGINSGUTH RD

OUTLET DP 6A

CULVERT # EOH-1
D.A. = 67.3 AC

VILLAGE OF SCHAUMBURG

VILLAGE OF HANOVER PARK

KEY PLAN

WISE RD
BARRINGTON RD
IRVING PARK RD
GARY AVE
SPRINGINSGUTH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
MEDINAH RD
IRON WING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
TOWNE RD
WOOD DALE RD
WITTEL DR
BUSSE RD (IL 83 N)
YORK RD

0 50' 100'

FILE NAME = DIEOWB-sht-ex-drain-E0E3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	4
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E3.dgn

SEE SHEET 140

MATCH LINE SEE SHEET 4

MATCH LINE SEE SHEET 6

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

W IRVING PARK RD/IL-19

FRONTAGE RD

RAMP

STRUCTURE NOT FOUND

SEE SHEET 140

0 50' 100'

KEY PLAN

1:250

FILE NAME = DIEOWB-sht-ex-drain-EOE4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	5
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOE4.dgn

SEE SHEET 137

MATCH LINE SEE SHEET 5

MATCH LINE SEE SHEET 7

RODENBURG RD

FRONTAGE RD

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

RAMP

WEST BRANCH DUPAGE RIVER WATERSHED

SPRING BROOK WATERSHED

SEE SHEET 136

KEY PLAN

WISE RD, IRVING PARK RD, BARRINGTON RD, GARY AVE, SPRINGSMITH RD, RODENBURG RD, WRIGHT BLVD, MITCHELL BLVD, S ROSELLE RD, PLUM GROVE ROAD, MEDINAH RD, MEACHAM RD, RONWING RD, I-290, N ARLINGTON HEIGHTS RD, PROSPECT RD, WOOD DALE RD, TOWNE RD, WITTEL DR, BUSSE I.L.-83 NB, YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED/ SPRING BROOK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	6
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E5.dgn

SEE SHEET 135

MATCH LINE SEE SHEET 6

MATCH LINE SEE SHEET 8

FRONTAGE RD

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

FRONTAGE RD

RAMP

WRIGHT BLVD

INV=801.53

INV=801.30

INV=801.54

INV=800.60

INV=801.34

INV=801.19

INV=801.39

INV=602.20

INV=801.03

INV= 810.45

INV= 811.97

INV=813.95

INV= 814.00

INV=812.95

INV=799.89

INV= 800.15

INV=799.23

INV=797.55

INV=797.74

INV=797.66

FL END SEC
INV=797.50

FL END SEC
INV=796.97

12632
EX SS INL
RIM=823.30
INV=821.35

12639
EX SS INL
RIM=823.31
INV=821.37 (N)

12522
EX SS INL
RIM=823.88
INV=821.88

12520
EX SS INL
RIM=823.88
INV=821.88

12525
EX SS INL
RIM=823.65
INV=821.65

12524
EX SS INL
RIM=823.73
INV=821.73

25000
EX SS INL
RIM=823.09
INV=821.28

25002
EX SS INL
RIM=823.08
INV=821.34 (S)

102664
EX SS MH
RIM=801.28
INV=798.98

300024
EX SS MH
RIM=801.30
INV=796.64 (W)
INV=796.55 (E)
INV=796.45 (N,S)

765+00

760+00

755+00

770+00

775+00

325+00

330+00

400+00

300+00

20+00

15+00

24" RCP

18" RCP

15" RCP

12" RCP

12" PVC

12" CMP

STRUCTURE NOT FOUND

PROJECT LIMIT

0 50' 100'

KEY PLAN

WISE RD
BARRINGTON RD
IRVING PARK RD
GARY AVE
SPRINGSMITH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
RONWING RD
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
TOWNE RD
WITTEL DR
WOOD DALE RD
BUSSE (IL-83 NB)
YORK RD

SEE SHEET 134

FILE NAME = DIEOWB-sht-ex-drain-E0E6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SPRING BROOK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	7
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E6.dgn

SEE SHEET 135

PRATT AVE N

405+00

410+00

415+00

RAMP

INV=800.42

24" RCP

INV=802.28

STRUCTURE NOT FOUND

INV=799.22

24" RCP

STRUCTURE NOT FOUND

12" RCP

12623
EX SS CB
RIM=803.24
INV=800.12 (W)
INV=797.14 (N)
SOUTH INV NOT VISIBLE

INV=799.64

INV=800.88

INV=810.38

12" CMP

12630
EX SS INL
RIM=821.72
INV=819.64 (N)

STRUCTURE NOT FOUND

INV=810.74

12" CMP

12628
EX SS INL
RIM=818.01
INV=815.98 (N)

STRUCTURE NOT FOUND

24" CMP

12626
EX SS INL
RIM=813.21
INV=811.16 (N)

INV=805.41

24" RCP

INV= 807.77

INV= 809.40

ELGIN O'HARE EXPY W.B.

INV= 803.04

INV= 803.41

24" RCP

780+00

785+00

790+00

INV= 815.77

INV= 816.24

6" PVC

6" PVC

6" PVC

6" PVC

ELGIN O'HARE EXPY E.B.

INV= 814.20

INV= 808.52

INV= 802.66

25009
EX SS MH
RIM=803.68
INV=799.93 (N)

6" PVC

6" PVC

315+00

INV= 801.12

18" RCP

STRUCTURE NOT FOUND

310+00

RAMP

INV= 800.25

INV=799.23

305+00

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

MATCH LINE SEE SHEET 7

MATCH LINE SEE SHEET 9

SEE SHEET 134

0 50' 100'

KEY PLAN

WISE RD
BARRINGTON RD
IRVING PARK RD
GARY AVE
SPRINGSMITH RD
ROSENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
RONWING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
TONNE RD
WOOD DALE RD
WITTEL DR
BUSSE IL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SPRING BROOK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	8
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E7.dgn

PRATT AVE N

NICOR

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

PROJECT LIMIT

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

CANADIAN PACIFIC R.R.

N

MATCH LINE SEE SHEET 8

MATCH LINE SEE SHEET 10

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

420+00

800+00

795+00

325+00

320+00

805+00

20+00

15+00

INV=801.74

INV=806.16

INV=792.31

INV= 808.03

INV=802.57

INV= 808.25

INV=802.96

INV= 804.86

INV=800.50

INV= 796.65

INV= 795.62

INV= 800.62

INV= 799.96

INV= 799.51

INV=792.12

STRUCTURE NOT FOUND

12621
EX SS INL
RIM=824.39
FULL OF SILT
SUMP=822.39

12547
EX SS INL
RIM=823.55
UNABLE TO OPEN

12548
EX SS MH
RIM = 822.42
INV = 819.22 (N)
INV = 807.77 (S)
INV = 819.02(E)

12546
EX SS INL
RIM=827.18
INV=825.13 (S)

12544
EX SS INL
RIM=820.02
INV=818.02 (S)

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

25014
EX SS INL
RIM=817.65
INV=816.06 (S)

12553
EX SS INL
RIM=822.71
INV=820.71 (N)

25020
EX SS INL
RIM=824.94
INV=823.40 (S)

30002500
EX SS MH
RIM=801.00
INV=794.90 (NW)
INV=794.80 (NE)
INV=795.66 (S)

CULVERT EOH-1A
D.A. = 271.3 AC

12" CMP

24" RCP

18" RCP

6' x 6' BOX CULVERT

OUTLET SB 5

OUTLET SB 3

OUTLET SB 6

MITCHELL BLVD

PROJECT LIMIT

0 50' 100'

KEY PLAN

WISE RD
BARRINGTON RD
IRVING PARK RD
GARY AVE
SPRINGSOUTH RD
ROSEMBURG RD
WRIGHT BLVD
MITCHELL BLVD
S RIDGELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
IRONWING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
TONNE RD
WITTEL DR
WOODDALE RD
BUSSE TL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SPRING BROOK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	9
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYD\CAD\Sheets\DIEOWB-sht-ex-drain-E0E8.dgn

MATCH LINE SEE SHEET 9

MATCH LINE SEE SHEET 11

GRANT ST

LOGAN ST

PRATT BLVD

SPRING BROOK WATERSHED

MEACHAM CREEK WATERSHED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

WASHINGTON ST

KENNEDY LN

SEWARD ST

OUTLET ME 1

STRUCTURE NOT FOUND

12556 EX SS INL RIM=827.86 INV=825.86

INV=825.40

INV=803.63

15" RCP

12" RCP

12615 EX SS CB RIM=827.11 INV=820.28 (S) INV=813.13 (N)

102650 EX SS MH RIM=826.66 INV=821.06

24" RCP

INV=821.79

6" CMP

12557 EX SS MH RIM=825.11 INV=813.29 (S) INV=821.62 (W)

25047 EX SS INL RIM=824.12 INV=822.02

25048 EX SS INL RIM=825.42 INV=823.55 (S)

INV=817.66

INV=802.62

12" RCP

12617 EX SS INL RIM=823.89 INV=821.81 (W)

STRUCTURE NOT FOUND

12" CMP

12615 EX SS INL RIM=818.86 INV=818.83 (N)

12613 EX SS CB RIM=813.45 INV=808.05 (E)

6" PVC

12560 EX SS MH RIM=818.04 INV=815.47 (N) INV=807.24 (S) INV=814.89 (W)

INV= 813.00 6" PVC

24" RCP

INV=806.53

25052 EX SS INL RIM=815.49 INV=813.83 (S)

12563 EX SS MH RIM = 809.92 INV = 807.49 (N) INV = 806.47 (W) INV = 808.22 (S)

12564 EX SS MH RIM=801.68 INV=795.15 (N) INV=794.38 (E)

INV= 807.13

INV= 809.93

INV= 803.24

INV= 804.46

FL END SEC INV=799.85

INV= 795.87

INV= 801.18

INV= 795.33

25021 EX SS INL RIM=823.42 INV=823.57 (S)

25056 EX SS INL RIM=805.60 (S) INV=803.79

INV=783.34

10'-0" x 4'-0" BOX CULVERT

GROUND DATA OMITTED

CONRAIL

NICOR

105+00

200+00

815+00

810+00

0 50' 100'

KEY PLAN

WISE RD

IRVING PARK RD

BARRINGTON RD

GARY AVE

SPRINGSMITH RD

ROOSEVELT RD

WRIGHT BLVD

MITCHELL BLVD

S ROSELLE RD

PLUM GROVE ROAD

MEACHAM RD

ROWLING RD

N ARLINGTON HEIGHTS RD

PROSPECT RD

TONNE RD

WITTEL DR

WOOD DALE RD

BUSSE ILL-83 NB

YORK RD

1:250

1:250

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW		DITCH SUMMIT	
OUTLET		LOCAL STORM SEWER	L
SHEET FLOW		STORM SEWER	
CHANNEL		SANITARY SEWER	
CULVERT SIZE - TYPE	2 X 2 BOX	FLARED END SECTION	
BRIDGE LOCATION - BRIDGE NO.		CATCH BASIN	
COUNTY LINE		HEADWALL/ENDWALL	
		INLET / INLET BOX	
		MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-E0E9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

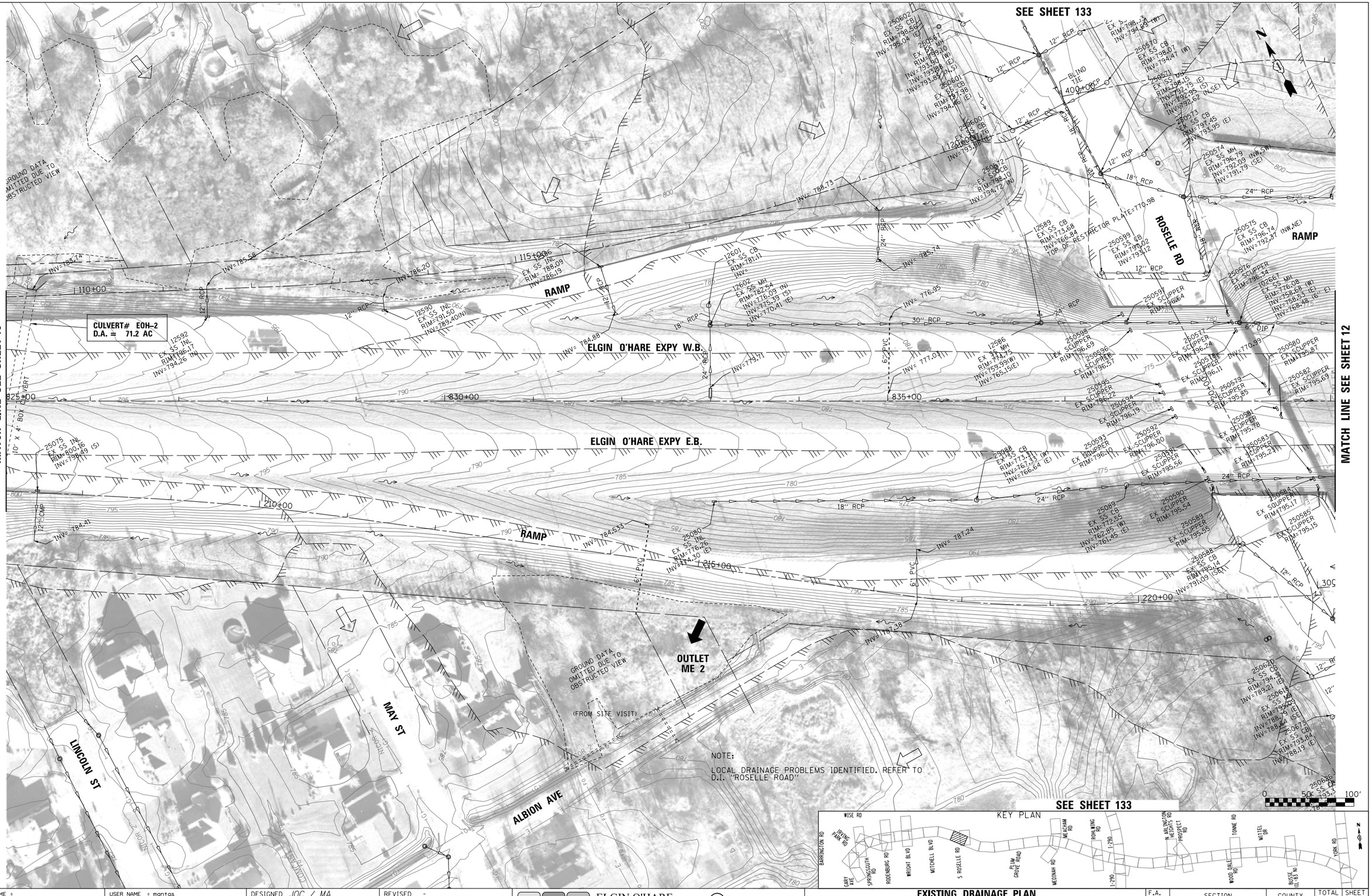
CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
SPRING BROOK WATERSHED / MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	10
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-E0E9.dgn



FILE NAME = DIEOWB-sht-ex-drain-EOE10.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	11
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOE10.dgn

SEE SHEET 133

MATCH LINE SEE SHEET 11

MATCH LINE SEE SHEET 13

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

RAMP

RAMP

ROSELLE RD

SPRINGWOOD DR

STRUCTURE NOT FOUND

24" X 48" ELIP. RCP

24" RCP

36" RCP

48" RCP

6" PVC

6" DIP

12" RCP

18" RCP

BLIND TIE

405+00

410+00

415+00

840+00

845+00

850+00

305+00

310+00

315+00

0 50' 100'

KEY PLAN

WISE RD
IRVING PARK RD
BARRINGTON RD
GARY AVE
SPRINGSMITH RD
ROOSEVELT RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
ROHLWING RD
I-290
N ARLINGTON HEIGHTS RD
PROSPECT
WOOD DALE RD
TOOMEY RD
MITTEL DR
BUSSE
ILL-83 NB
YORK RD

SEE SHEET 133

FILE NAME = DIEOWB-sht-ex-drain-E0E11.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	12
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E11.dgn

MATCH LINE SEE SHEET 12

MATCH LINE SEE SHEET 14

LARSON LN

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

E DEVON AVE

AMBLESIDE DR

COUNTY LINE

COOK
DuPAGE

420+00

855+00

860+00

865+00

48" RCP

36" RCP

24" RCP

6" PVC

INV=756.61

INV=754.05

INV=754.14

INV=752.93

INV=750.32

INV=748.69

STRUCTURE NOT FOUND

3819
EX SS CB
RIM=751.65
INV=744.50 (W)
INV=744.35 (E)
INV=747.35 (S)

3818
EX SS CB
RIM=747.80
INV=740.75 (W)
INV=740.70 (E)
INV=743.10 (S)

3817
EX SS CB
RIM=745.03
INV=737.13 (W)
INV=737.03 (E)

3723
EX SS CB
RIM=755.20
INV=745.45 (N)
INV=747.15 (G" N)
INV=745.15 (W)
INV=744.90 (E)

3724
EX SS CB
RIM=750.96
INV=743.71 (N)
INV=740.66 (W)
INV=740.56 (E)

NICOR 2"

COMCAST

COM ED

0 50' 100'

KEY PLAN

WISE RD
BARRINGTON RD
IRVING PARK RD
GARY AVE
SPRINGSOATH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
MEDINAH RD
IRONWING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PASCHELL RD
TONNE RD
WITTEL DR
WOOD DALE RD
BUSSE IL-83 NI
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-EOE12.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	13
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOE12.dgn

MATCH LINE SEE SHEET 13

MATCH LINE SEE SHEET 15

E WOODFIELD TRAIL

E WOODFIELD TRAIL

WHITE SANDS BAY

WHITE SANDS BAY

YOSEMITE CT

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

VENTURA CLUB DR

CLUB HOUSE CIR

E DEVON AVE

CLUB HOUSE CIR

FORUM DR

COUNTY LINE

COOK

DuPAGE

3816
EX SS CB
RIM=742.56
INV=733.76 (W)
INV=733.71 (E)

3815
EX SS INL
RIM=734.31
INV=729.31 (S)

36"x18" BOX

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

48" RCP

48" RCP

48" RCP

6" PVC

6" PVC

6" PVC

6" PVC

16" PVC

24" RCP

24" RCP

24" RCP

870+00

INV=745.91

INV=746.20

INV=748.69

875+00

INV=743.11

INV=743.05

INV=742.18

880+00

INV=738.12

INV=737.95

INV=736.79

INV=730.43

INV=730.35

36" RCP

36" RCP

36" RCP

3725
EX SS CB
RIM=746.24
INV=740.14 (N)
INV=741.84 (6" N)
INV=737.89 (W)
INV=737.64 (E)

3726
EX SS CB
RIM=740.83
INV=736.23 (N)
INV=736.93 (6" N)
INV=734.35 (W)
INV=734.23 (E)

3727
EX SS MH
RIM=737.39
INV=729.34 (N)
INV=734.64 (N)
INV=728.19 (W)
INV=726.39 (E)

3732
EX SS INL
RIM=735.23
FULL OF WATER

0 50' 100'

KEY PLAN

WISE RD
IRVING PARK RD
BARRINGTON RD
GARY AVE
SPRINGSMITH RD
ROOSEVELT RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
ROWLING RD
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
WOOD DALE RD
TOWNE RD
WITTEL DR
BUSSE
ILL-83-NB
YORK RD

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-EOE13.dgn

FILE NAME = DEOWB-sht-ex-drain-EOE13.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	14
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE SEE SHEET 14

MATCH LINE SEE SHEET 16

SHADOW LAKE BAY

CANTERBURY TRAIL

CONWAY BAY

N PLUM GROVE RD

YOSEMITE TRAIL

N

COM ED

COMCAST

CULVERT# EOH-5
D.A. = 212.1 AC

3810
EX SS MH
RIM=726.87
INV=718.47 (W)
INV=717.12 (N)
INV=721.17 (S)

3809
EX SS INL
RIM=726.13
INV=718.93 (N)
INV=723.78 (S)

3804
EX SS CB
RIM=724.80
INV=716.45 (N)
INV=716.35 (E)
INV=723.25 (S)

3803
EX SS MH
RIM=722.47
INV=714.67 (W)
INV=714.67 (E)
INV=715.92 (S)

3797
EX SS MH
RIM=722.30
INV=713.50 (W)
INV=713.50 (E)
INV=715.35 (S)

3791
EX SS MH
RIM=722.90
INV=712.85 (W)
INV=716.70 (E)
INV=715.65 (S)

3802
EX SS INL
RIM=719.32
INV=716.42 (N)
INV=717.12 (S)

3685
EX SS INL
RIM=717.38
INV=715.08 (N)
INV=715.08 (S)
INV=713.88 (E)

3796
EX SS INL
RIM=719.33
INV=715.48 (N)
INV=716.78 (S)

3690
EX SS MH
RIM=718.93
INV=716.68 (N)
INV=713.88 (W)
INV=713.78 (E)

3790
EX SS INL
RIM=720.93
INV=714.43 (N)
INV=718.23 (S)

3753
EX SS INL
RIM=719.93
INV=715.93 (24" N)
INV=718.03 (E)
INV=715.78 (S)

3756
EX SS INL
RIM=718.96
INV=716.66 (N)
INV=712.01 (S)

3765
EX INL
RIM=720.31
INV=718.11 (N)
INV=714.46 (S)

3737
EX SS INL
RIM=726.53
INV=724.43 (N)
INV=720.90 (S)

3748
EX SS CB
RIM=721.64
INV=717.99 (N)
INV=719.29 (N)
INV=715.79 (W)
INV=714.94 (E)

251742
EX SS MH
RIM=722.66
INV=714.56 (W)
INV=714.51 (E)
INV=715.86 (N)

3754
EX SS MH
RIM=721.00
INV=713.90 (W)
INV=713.90 (E)

3755
EX SS INL
RIM=719.66
INV=713.66 (W)
INV=713.66 (E)

251741
EX SS MH
RIM=722.08
INV=716.40 (SW)
INV=714.10 (N)
INV=713.40 (W,E)

3766
EX SS MH
RIM=722.88
INV=716.88 (N)
INV=712.43 (W)
INV=712.33 (E)

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

885+00

890+00

895+00

54" RCP

66" RCP

72" RCP

18" RCP

24" RCP

24" X 30" ELIP. RCP

60" RCP

48" RCP

12" RCP

6' PVC

INV= 723.57

INV= 723.74

INV= 722.57

INV= 717.68

INV= 717.91

INV= 716.27

INV=725.04

INV=726.22

STRUCTURE NOT ROUND

STRUCTURE NOT FOUND

OUTLET
ME 3

COUNTY LINE

COOK
DuPAGE

CIRCLE DR

HAWTHORNE LN

NICOR 2"

NOTE:

LOCAL DRAINAGE PROBLEMS IDENTIFIED IN NORTH MEDINAH SUBDIVISION. REFER TO D.I. "EOE AND PLUM GROVE ROAD"

0 50' 100'

KEY PLAN

WISE RD
IRVING PARK RD
BARRINGTON RD
GARY AVE
SPRINGSMITH RD
RODENBERG RD
WRIGHT BLVD
MITCHELL BLVD
S RIDGELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
ROHLWING RD
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
WOOD DALE RD
TOWNE RD
WITTEL DR
BUSSE HWY
ILL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-EOE14.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	15
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOE14.dgn

MATCH LINE SEE SHEET 15

MATCH LINE SEE SHEET 17

YOSEMITE TRAIL

100-YR FLOODPLAIN
716.40

N

INV=711.92

INV=712.77

INV=715.80
36" RCP

72" RCP

INV=711.46

STRUCTURE
NOT FOUND

105+00

110+00

3777
EX SS INL
RIM=720.84
INV=716.49 (E)

INV=713.48

36" RCP

3776
EX SS INL
RIM=720.95
INV=716.25 (W)
INV=716.35 (E)
INV=715.35 (S)

72" RCP

72" RCP

100+00

3785
EX SS MH
RIM=725.78
INV=712.58 (W)
INV=712.58 (E)

3784
EX SS INL
RIM=721.25
INV=716.70 (N)

3'X2' BOX

ELGIN O'HARE EXPY W.B.

12" RCP

12" RCP

12" RCP

3779
EX SS INL
RIM=722.42
INV=NOT VISIBLE (S)
INV=718.12 (E)

3778
EX SS INL
RIM=720.78
INV=716.48 (E)

INV= 715.93

24" RCP

24" RCP

66" RCP

900+00

905+00

910+00

24" X 30" ELIP. RCP

3691
EX SS MH
RIM=721.42
INV=712.72 (W)
INV=712.72 (E)

STRUCTURE
NOT FOUND

STRUCTURE
NOT FOUND

ELGIN O'HARE EXPY E.B.

6" PVC

3696
EX SS INL
RIM=719.16
INV=712.21 (N)
INV=717.71 (S)

STRUCTURE
NOT FOUND

6" PVC

12" RCP

6" PVC

200+00

INV= 716.01

60" RCP

3767
EX SS MH
RIM=723.30
INV=712.30 (W)
INV=712.30 (E)

3772
EX SS INL
RIM=721.11
INV=719.36 (N)
INV=715.21 (S)

3773
EX SS MH
RIM=722.36
INV=718.21 (N)
INV=712.958 (W)
INV=712.958 (NE)

OUTLET
ME 4

COUNTY LINE

COOK
DuPAGE

100-YR FLOODPLAIN
716.40

0 50' 100'

KEY PLAN

WISE RD
BARRINGTON RD
IRVING PARK RD
CARY AVE
SPRINGCOOTH RD
ROOSEVELT RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
MEDINAH RD
ROMEWING RD
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
TOWNE RD
WITTEL DR
WOOD DALE RD
BUSSE ILL-83 NI
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-EOEI5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

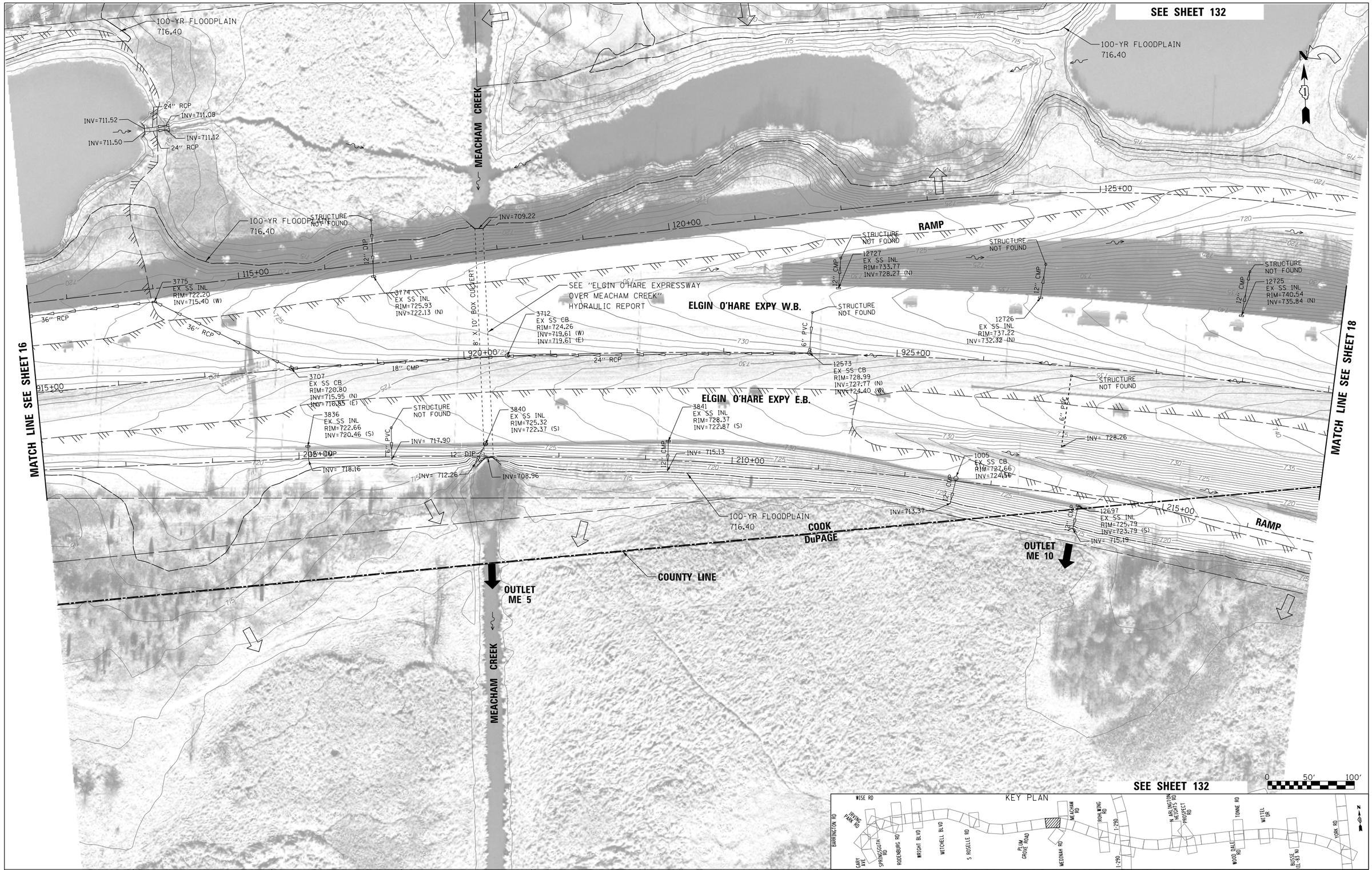
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	16
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOEI5.dgn



FILE NAME = DIEOWB-sht-ex-drain-E0E16.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER S. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	17
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E16.dgn

SEE SHEET 132

MEACHAM RD

100-YR FLOODPLAIN
716.40

CULVERT# EOH-3/4
D.A. = 20.7 AC

CULVERT# EOH-4
D.A. = 12.8 AC

CULVERT# EOH-3
D.A. = 7.9 AC

COUNTY LINE — COOK / DuPAGE

RAMP

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

MEDINAH RD

OUTLET
ME 6

STRUCTURE NOT FOUND

MATCH LINE SEE SHEET 17

MATCH LINE SEE SHEET 19

SEE SHEET 132

0 50' 100'

KEY PLAN

WISE RD
BARRINGTON RD
GARY AVE
IRVING PARK RD
SPRINGSOUTH RD
ROSEMBURG RD
WRIGHT BLVD
MITCHELL BLVD
S RASELLE RD
PLUM GROVE ROAD
MEACHAM RD
MEDINAH RD
I-290
IRONWING RD
N ARLINGTON HEIGHTS RD
PROSPECT RD
TONNE RD
WOOD DALE RD
WITTEL DR
BUSSE I.L.-83 NI
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-EOEI7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	18
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYD\CAD\Sheets\DIEOWB-sht-ex-drain-EOEI7.dgn

MATCH LINE SEE SHEET 18

MATCH LINE SEE SHEET 20

HAMILTON PKWY

RAMP

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

OUTLET
ME 7

12662
EX SS MH
RIM=751.23
INV=729.58 (N)
INV=727.98 (W)
INV=NOT VISIBLE (E)

STRUCTURE
NOT FOUND

12661
EX SS CB
RIM=734.03
INV=731.68 (S)
INV=729.18 (N)
INV=729.18 (E)

12660
EX SS CB
RIM=735.42
INV=730.62 (W)
INV=730.79 (E)

25125
EX SS CB
RIM=736.39
INV=729.19 (E)
INV=729.70 (S)

25127
EX SS CB
RIM=730.45
SAME STRUCTURE AS 25126

25128
EX SS CB
RIM=731.76
SAME STRUCTURE AS 25129

25129
EX SS CB
RIM=731.90
INV=727.00 (W)
INV=727.25 (E)

25126
EX SS CB
RIM=730.83
INV=725.95 (W)
INV=726.15 (E)

25130
EX SS CB
RIM=732.37
SAME STRUCTURE AS 25131

25131
EX SS CB
RIM=733.63
INV=728.72 (W)
INV=728.82 (E)

25132
EX SS CB
RIM=734.18
SAME STRUCTURE AS 25133

25133
EX SS CB
RIM=734.64
INV=729.21 (E)
INV=730.28 (S)

25134
EX SS MH
RIM=733.86
INV=729.01 (W)

25135
EX SS CB
RIM=734.85
SAME STRUCTURE AS 25136

25136
EX SS CB
RIM=735.57
INV=730.49 (W)
INV=730.77 (E)

25150
EX SS CB
RIM=733.29
INV=729.94 (W)

25151
EX SS MH
RIM=732.46
INV=728.56 (W)
INV=728.56 (E)

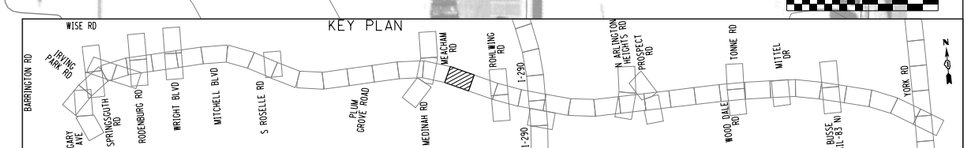
INV= 726.72
INV= 728.57
INV= 727.10
INV= 726.98
INV= 726.20
INV=726.24
INV= 735.16
INV= 735.39
INV=728.65

18" RCP
18" CMP
12" CMP
24" RCP
21" RCP
12" DIP
6" PVC
30"X18" RCP

145+00
150+00
155+00
405+00
410+00
415+00
580+00
585+00
590+00
700+00
705+00
710+00
945+00
950+00
955+00
300+00
305+00
310+00
235+00
240+00
245+00

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-EOEI8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	19
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOEI8.dgn

SEE SHEET 130

MATCH LINE SEE SHEET 19

MATCH LINE SEE SHEET 21

MEACHAM CREEK WATERSHED

SALT CREEK WATERSHED

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

SEE SHEET 129

0 50' 100'

KEY PLAN

WISE RD, BARRINGTON RD, IRVING PARK RD, GARY AVE, SPRINGCOURT RD, RODENBURG RD, WRIGHT BLVD, MITCHELL BLVD, S ROSELLE RD, PLUM GROVE ROAD, MEDINAH RD, MEACHAM RD, THORNWING RD, I-290, N ARLINGTON HEIGHTS RD, PROSPECT RD, TOWNE RD, WITTEL DR, WOOD DALE RD, BUSSE RD, ILL-83 NB, YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0EI9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED /SALT CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	20
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0EI9.dgn

SEE SHEET 130

MATCH LINE SEE SHEET 20

MATCH LINE SEE SHEET 22

ROHLWING RD

THORNDALE AVE

RAMP

NOTE:
OUTLETS TO 4'X9' BOX CULVERT UNDER I-290
OUTLET = SLT 15'

SEE "ELGIN O'HARE EXPRESSWAY (WEST) OVER DEVON AVENUE TRIBUTARY TO SALT CREEK" HYDRAULIC REPORT

ES PROJECT LIMITS

SEE SHEET 129

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	
DITCH SUMMIT	
LOCAL STORM SEWER	
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

0 50' 100'

KEY PLAN

WISE RD, BARRINGTON RD, IRVING PARK RD, GARY AVE, SPRINGSMITH RD, RODENBURG RD, WRIGHT BLVD, MITCHELL BLVD, S ROSELLE RD, PLUM GROVE ROAD, MEDINAH RD, MEACHAM RD, ROHLWING RD, I-290, N ARLINGTON HEIGHTS RD, PROSPECT RD, WOOD DALE RD, TOWNE RD, WITTEL DR, BUSSE (ILT 83 NI), YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E20.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

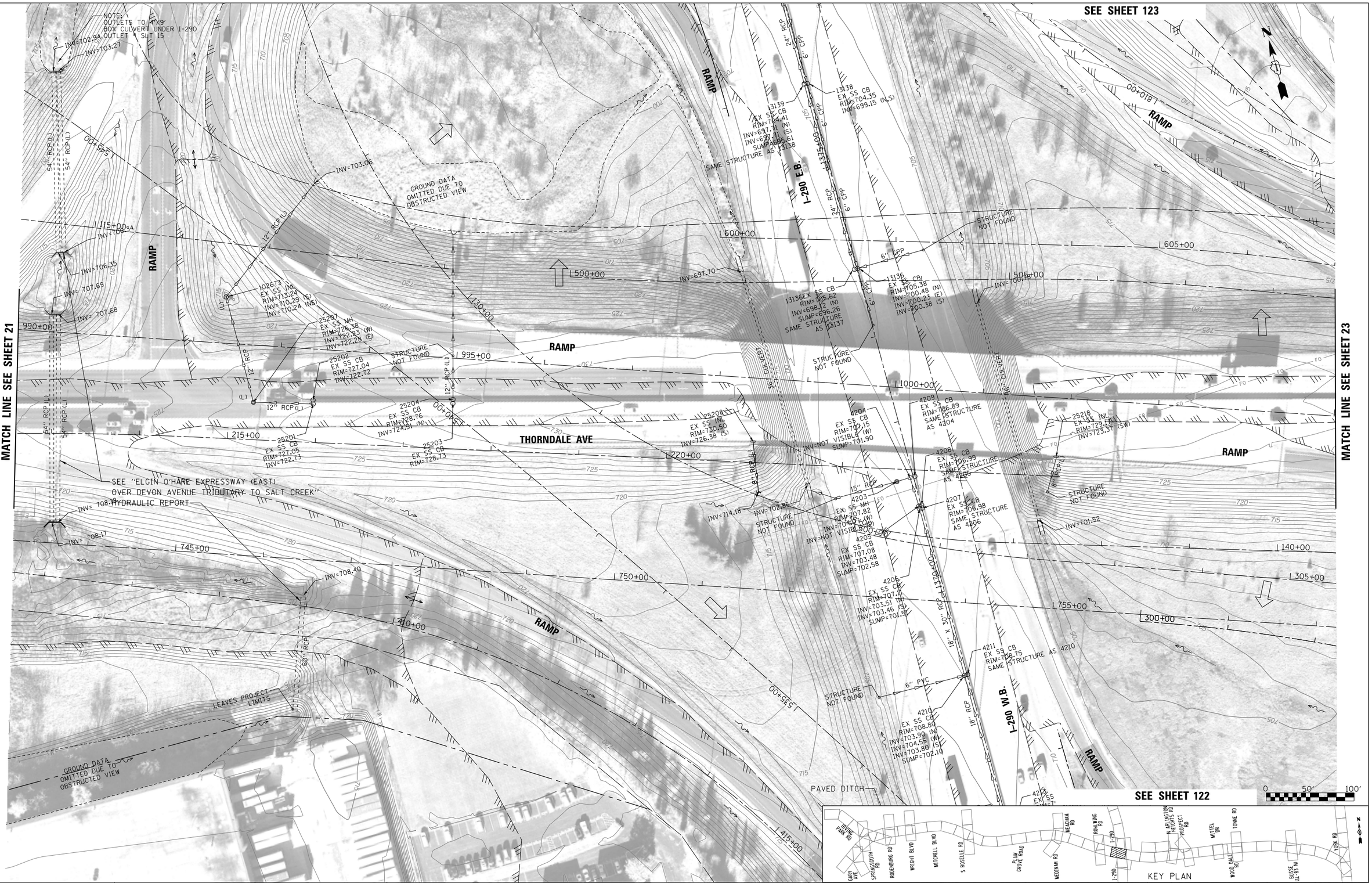
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY / THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	21
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E20.dgn



FILE NAME = DIEOWB-sht-ex-drain-E0E21.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	22
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E21.dgn

MATCH LINE SEE SHEET 22

MATCH LINE SEE SHEET 24

PARK BLVD

THORNDALE AVE

RAMP

RAMP

WILLOW ST

PARK BLVD

LEAVES PROJECT LIMITS

SEE SHEET 39

SAME STRUCTURE AS 25223

OPENING TO 41069=695.50

COMCAST

N

0 50' 100'

KEY PLAN

IRVING PARK RD · GARY AVE · SPRINGSMITH RD · RODENBURG RD · WRIGHT BLVD · MITCHELL BLVD · S ROSELLE RD · PLUM GROVE ROAD · MEDINAH RD · MEACHAM RD · RONDWING RD · I-290 · N ARLINGTON HEIGHTS RD · PROSPECT RD · MITTEL DR · TONNE RD · WOOD DALE RD · BUSSE · ILL-83 NB · YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E22.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
ELGIN O'HARE EXPRESSWAY /THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	23
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E22.dgn

SEE SHEET 118

MATCH LINE SEE SHEET 23

MATCH LINE SEE SHEET 25

OUTLET SLT 1

PARK BLVD

THORNDALE AVE

E TALL OAKS LN

MILLERS CROSSING

PROJECT LIMIT

SEE "THORNDALE AVENUE OVER DEVON AVENUE TRIBUTARY TO SALT CREEK" HYDRAULIC REPORT

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

102570 EX SS MH RIM=695.48 INV=691.58 (N) INV=691.18 (S) INV=691.10 (W) INV=691.08 (E)

41076 EX SS CB RIM=694.65 INV=691.95 (SW) INV=691.84 (N)

41077 EX SS CB RIM=693.70 INV=691.35 (S) INV=692.26 (N)

41078 EX SS INL RIM=694.07 INV=692.29

41075 EX SS CB RIM=695.72 INV=692.47

102681 EX SS MH RIM=693.78 INV=690.58 (N) INV=690.28 (W) INV=691.43 (S) INV=690.08 (E)

41081 EX SS CB RIM=692.75 INV=690.65

41082 EX SS CB RIM=692.85 INV=690.79

41083 EX SS CB RIM=693.80 INV=691.27

41079 EX SS CB RIM=693.21 INV=689.49

41080 EX SS CB RIM=693.02 INV=690.40

41084 EX SS CB RIM=693.27 INV=690.27

41085 EX SS CB RIM=691.79 INV=688.94 (E) INV=688.64 (W) INV=688.71

41086 EX SS CB RIM=691.88 INV=688.48 (E) INV=688.30 (W)

41087 EX SS CB RIM=692.66 INV=689.11

41088 EX SS CB RIM=692.50 INV=689.10

25239 EX SS MH RIM=696.35 INV=682.55 (W) INV=682.50 (E)

25238 EX SS MH RIM=696.39 INV=682.99 (W) INV=682.90 (E)

41110 EX SS CB RIM=694.71 INV=691.91

41111 EX SS MH RIM=694.85 INV=691.45 (W,E,N) INV=691.40 (S)

41108 EX SS CB RIM=693.86 (NE) INV=689.76 (NE) INV=689.71 (W,E)

41109 EX SS CB RIM=693.63 INV=690.86

FL END SEC INV=688.73

41100 EX SS CB RIM=693.94 INV=690.74

41101 EX SS MH RIM=694.34 INV=690.82 (W) INV=690.74 (N,S) INV=690.72 (E)

41095 EX SS MH RIM=695.08 INV=691.78 (W) INV=691.83 (N,S)

41096 EX SS CB RIM=694.46 INV=692.21 (E) INV=691.81 (S)

41097 EX SS CB RIM=694.55 INV=692.10

41093 EX SS CB RIM=694.79 INV=692.19

41102 EX SS CB RIM=694.37 INV=691.30

41112 EX SS INL RIM=695.17 INV=692.34

41106 EX SS CB RIM=693.51 INV=690.49

FL END SEC INV=689.57

41107 EX SS MH RIM=693.75 INV=689.30 (E) INV=689.40 (S)

41105 EX SAN MH RIM=693.71 INV=683.81

41099 EX SS CB RIM=694.66 INV=690.16

41098 EX SS CB RIM=694.46 INV=690.21

41094 EX SS CB RIM=694.79 INV=692.44 (E) INV=692.29 (N,S)

41137 EX SAN MH RIM=694.96 INV=682.56 (W) INV=682.61 (E) INV=683.36 (S)

41091 EX SS CB RIM=695.01 INV=690.31

41092 EX SAN MH RIM=696.14 INV=683.04

41089 EX SS CB RIM=694.18 INV=689.18

41090 EX SS CB RIM=694.72 INV=689.72

INV=687.54 INV=687.59 INV=687.48 INV=687.45 INV=688.80 INV=688.83 INV=689.00 INV=690.03 INV=690.06 INV=690.76 INV=691.08 INV=693.27 INV=693.24 INV=692.79

12" RCP (L) 15" RCP (L) 18" RCP (L) 24" RCP (L) 24" CLAY 60"x36" CMPU (L) 60"x36" RCP (L) 54"x36" CMPU (L)

100+00 105+00 120+00 505+00 1030+00 645+00 640+00 1025+00 020+00 635+00 325+00 330+00 315+00 500+00

0 50' 100'

KEY PLAN

| | | |

SEE SHEET 119

SEE SHEET 115

MATCH LINE SEE SHEET 24

MATCH LINE SEE SHEET 26

N

110+00

115+00

100+00

105

1035+00

1040+00

1045+00

200+00

320+00

325+00

330+00

THORNDALE AVE

E TALL OAKS LN

NICOLE WAY

OUTLET
SLT 2

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

25240
EX SAN MH
RIM=696.66
INV=682.71 (N)
INV=682.76 (S)

INV=693.71

18" RCP (L)

12" CMP (L)

INV=694.47

INV=694.16

25242
EX SS CB
RIM=693.89
INV=692.49 (S)

12" VCP

15" RCP (W)

15" RCP

41144
EX SS INL
RIM=693.57
INV=687.62 (W)
INV=687.72 (E)
INV=687.57 (S)

25243
EX SAN MH
RIM=696.27
INV=683.04 (N)
INV=683.19 (S)

24" VCP

STRUCTURE NOT FOUND

25244
EX SAN MH
RIM=696.53
INV=681.73 (W)
INV=681.73 (E)
INV=683.17 (S)

12" PVC

15" RCP(L)

15" RCP(L)

STRUCTURE NOT FOUND

41146
EX SS INL
RIM=695.53
INV=687.88

41147
EX SS MH
RIM=695.28
INV=687.13

41145
EX SS INL
RIM=695.50
INV=687.75 (W,E)

25247
EX SAN MH
RIM=695.05
INV=681.17 (W)
INV=681.15 (E)

24" VCP

12" RCP (L)

25245
EX SS CB
RIM=691.41
INV=689.26 (E)

25249
EX SS CB
RIM=691.84
INV=686.77 (N)

25248
EX SS MH
RIM=695.00
INV=686.70 (N)
INV=687.30 (W)
INV=687.60 (E)
INV=686.85 (S)

25420
RIM=690.87
INV=688.69

12" RCP

1001
RIM=694.30
INV=687.11 (E)
INV=686.81 (S)

24" VCP

12" RCP

COM ED

COMCAST

VILLAGE OF ITASCA

0 50' 100'

SEE SHEET 115

KEY PLAN

1:250

TRYING PARK RD
GARY AVE
SPRINGSMITH RD
ROOSEMBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEADOW RD
MEDINAH RD
ROWLING RD
N ARLINGTON HEIGHTS RD
PROSPECT RD
WITTEL DR
TONNE RD
WOOD DALE RD
BUSSE ILL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E24.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	25
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-E0E24.dgn

SEE SHEET 115

MATCH LINE SEE SHEET 25

MATCH LINE SEE SHEET 27

KETTER DR

N ARLINGTON HEIGHTS RD

THORNDALE AVE

PARKSIDE AVE

VILLAGE OF ITASCA

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

GROUND DATA OMITTED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

SEE SHEET 115

0 50' 100'

KEY PLAN

TOWNE PARK RD
GARY AVE
SPRINGSOUTH RD
ROOSEVELT RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
IRONWING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
WATEL DR
TONNE RD
WOOD DALE RD
BUSSE HWY (R 83)
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-EOE25.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	26
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOE25.dgn

SEE SHEET 114

MATCH LINE SEE SHEET 26

MATCH LINE SEE SHEET 28

SEE SHEET 113

N PROSPECT AVE

THORNDALE AVE

VILLAGE OF ITASCA

420034 EX SS MH RIM=688.80 INV=686.00 (E) INV=678.90 (N,S)

420033 EX SS INL RIM=688.55 INV=686.65

420046 EX SAN MH RIM=691.04 INV=680.89

420031 EX SS MH RIM=688.23 INV=684.83 (E) INV=679.13 (N,S)

420032 EX SS INL RIM=688.07 INV=685.83

420047 EX SS INL RIM=690.43 INV=677.73 (N) INV=677.63 (S)

420026 EX SS CB RIM=687.66 INV=684.46 (E) INV=679.36 (N,S)

420027 EX SS INL RIM=688.39 INV=685.79

420025 EX SS MH RIM=686.50 INV=683.70 (E) INV=679.70 (N) INV=679.60 (S)

420022 EX SS INL RIM=689.21 INV=685.66

25272 EX SS MH RIM=691.86 INV=686.11 (N) INV=686.04 (W) INV=680.41 (E)

25271 EX SS MH RIM=688.56 INV=679.86 (NE) INV=679.95 (W)

420024 EX SS INL RIM=688.21 INV=685.21 (E) W PIPE NOT VISIBLE

420023 EX SAN MH RIM=689.21 INV=679.35 (N) INV=679.26 (S)

420021 EX SS MH RIM=689.61 INV=677.56 (N) INV=677.31 (S)

4027 EX SAN MH RIM=688.78 INV=680.38 (W) INV=680.48 (E)

4025 EX SS INL RIM=686.37 INV=686.49

4024 EX SAN MH RIM=689.09 INV=680.44 (W) INV=680.64 (E)

4026 EX SS MH RIM=689.19 INV=683.34 (N) INV=683.19 (S)

4028 EX SAN MH RIM=689.67 INV=679.33 (N) INV=679.24 (S) INV=680.07 (E)

4003 EX SS MH RIM=689.27 INV=682.72 (N) INV=684.17 (S) INV=682.07 (W) INV=682.07 (NE)

4023 EX SS INL RIM=687.22 INV=684.27 (E)

4022 EX SS MH RIM=687.40 INV=682.84 (W) INV=682.84 (E)

4020 EX SS MH RIM=686.78 INV=681.33 (N) INV=681.08 (S)

4021 EX SS INL RIM=684.93 INV=682.13 (S)

4005 EX SS MH RIM=686.83 INV=680.79 (N) INV=682.03 (S) INV=680.43 (W) INV=680.33 (E)

4017 EX SS INL RIM=681.35 INV=679.35 (N) INV=679.25 (S)

4018 EX SS INL RIM=683.22 INV=679.32 (N) INV=679.32 (S) INV=679.32 (NW)

4008 EX SS MH RIM=683.80 INV=677.65 (N) INV=677.80 (S) INV=677.55 (W) INV=677.50 (E)

4019 EX SS MH RIM=683.81 INV=678.21 (N) INV=678.16 (S)

INV=679.54

25270 EX SAN MH RIM=690.62 INV=678.53 (NW) INV=678.43 (E)

4002 EX SAN MH RIM=689.26 INV=678.66 (N) INV=677.56 (S) INV=677.61 (W)

4001 EX SS MH RIM=689.32 INV=677.47 (N) INV=677.92 (S) INV=677.42 (E)

4004 EX SS MH RIM=686.64 INV=677.04 (W) INV=676.89 (E)

4006 EX SS CB RIM=684.26 INV=680.96 (N)

4007 EX SS MH RIM=684.82 INV=676.87 (W) INV=676.82 (E)

4009 EX SS MH RIM=683.47 INV=676.82 (W) INV=676.77 (E)

4010 EX SS INL RIM=682.83 INV=681.06 (N)

420014 EX SS INL RIM=686.29 INV=682.19 (S) INV=680.19 (N)

420015 EX SS CB RIM=687.06 INV=682.06 SUMP=681.76

420013 EX SS INL RIM=685.13 INV=684.28

420018 EX SS MH RIM=688.29 INV=676.78 (N) INV=676.73 (S)

420017 EX SS INL RIM=683.98 INV=679.58

STRUCTURE NOT FOUND

POSSIBLE BLIND CONNECTION

GROUND DATA OMITTED

OUTLET SLT 8

FL END SEC INV=683.62

INV=683.91

INV=684.01

100-YR FLOODPLAIN 682.00

1065+00 1070+00 1075+00 1080+00 1085+00 1090+00 1095+00 1100+00 1105+00 1110+00 1115+00 1120+00 1125+00 1130+00 1135+00 1140+00 1145+00 1150+00 1155+00 1160+00 1165+00 1170+00 1175+00 1180+00 1185+00 1190+00 1195+00 1200+00 1205+00 1210+00 1215+00 1220+00 1225+00 1230+00 1235+00 1240+00 1245+00 1250+00 1255+00 1260+00 1265+00 1270+00 1275+00 1280+00 1285+00 1290+00 1295+00 1300+00 1305+00 1310+00 1315+00 1320+00 1325+00 1330+00 1335+00 1340+00 1345+00 1350+00 1355+00 1360+00 1365+00 1370+00 1375+00 1380+00 1385+00 1390+00 1395+00 1400+00 1405+00 1410+00

0 50' 100'

KEY PLAN

TEMPLE PARK RD, GARY AVE, SPRINGSOUTH RD, RODENBURG RD, WRIGHT BLVD, MITCHELL BLVD, S ROSELLE RD, PLUM GROVE ROAD, MEDINAH RD, MEACHAM RD, IRONWING RD, I-290, N ARLINGTON HEIGHTS RD, PROSPECT RD, MITTEL DR, TONNE RD, WOOD DALE RD, BUSSE (IL-83 NB), YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E26.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	
		DRAWN PWN / MYG	REVISED -	
	PLOT SCALE = 100'	CHECKED CW	REVISED -	
	PLOT DATE = 10/18/2012	DATE -	REVISED -	

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	27
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E26.dgn

MATCH LINE SEE SHEET 27

MATCH LINE SEE SHEET 29

100-YR FLOODPLAIN
682.00

F/F=687.42

GROUND DATA OMITTED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

FLOODWAY

SALT CREEK

COM ED

4047
EX SS INL
RIM=682.56
INV=679.76 (S)
INV=679.71 (E)

4049
EX SS INL
RIM=680.21
INV=678.49 (S)

4050
EX SS MH
RIM=682.39
INV=675.99 (N)
INV=675.94 (W)

102725
EX SS CB
RIM=680.45
INV=678.65 (S)

INV=678.96

4012
EX SS MH
RIM=682.87
INV=676.92 (N)
INV=676.57 (W)
INV=676.47 (E)

4015
EX SS MH
RIM=682.50
INV=676.70 (N)
INV=676.25 (W)
INV=676.20 (E)

4011
EX SS MH
RIM=682.48
INV=677.98 (S)
INV=676.48 (W)
INV=676.23 (E)

4013
EX SS INL
RIM=681.33
INV=677.43 (N)
INV=676.77 (E)

4031
EX SS MH
RIM=681.88
INV=675.88 (W)
INV=674.58 (E)

4033
EX SS INL
RIM=682.20
INV=678.15 (S)

4034
EX SS MH
RIM=682.39
INV=675.64 (N)
INV=675.39 (S)
INV=675.44 (W)
INV=675.39 (E)

4032
EX SS MH
RIM=681.46
INV=674.31 (N)
INV=677.36 (NW)
INV=673.41 (W)
INV=673.31 (E)

4035
EX SS INL
RIM=683.01
INV=679.56 (E)

4036
EX SS INL
RIM=683.27
INV=679.42 (W)
INV=679.42 (E)
INV=679.07 (S)

4046
EX SS INL
RIM=684.79
INV=681.39 (N)
INV=681.59 (E)

4038
EX SS INL
RIM=684.74
INV=679.89 (W,E)

4039
EX SS MH
RIM=682.00
INV=672.95 (W)
INV=672.80 (E)

4045
EX SS INL
RIM=686.10
INV=682.30 (W)

4040
EX SS INL
RIM=686.15
INV=680.65 (W)

4044
EX SS INL
RIM=686.65
INV=684.65 (S)

4041
EX SS INL
RIM=686.07
INV=684.07 (S)

4051
EX SS INL
RIM=685.98
INV=684.03 (N)

4054
EX SS INL
RIM=684.96
INV=679.61 (N)
INV=679.66 (E)

4055
EX SS INL
RIM=684.49
INV=680.31 (W)
INV=680.31 (E)

4056
EX SS INL
RIM=684.28
INV=680.33 (W)
INV=680.38 (E)

4057
EX SS MH
RIM=684.52
INV=680.42 (W)
INV=680.42 (E)

4058
EX SS INL
RIM=684.30
INV=680.80 (W)
INV=680.80 (E)

4059
EX SS INL
RIM=684.66
INV=681.41 (W)

4061
EX SS INL
RIM=684.23
INV=680.82 (W)
INV=680.33 (E)

4064
EX SS INL
RIM=684.81
INV=680.96 (W)
INV=680.26 (E)

4065
EX SS INL
RIM=684.49
INV=680.49 (W)
INV=680.39 (E)

4062
EX SS INL
RIM=684.50
INV=680.05 (W)
INV=680.05 (E)
INV=679.95 (S)

4060
EX SS INL
RIM=684.69
INV=680.89 (W)

INV=679.88

INV=679.63

INV=678.47

INV=679.20

INV=678.72

INV=679.30

INV=679.00

INV=672.99

STRUCTURE NOT FOUND

2 SPAN BRIDGE
127' WIDE

OUTLET
SLT 4

GROUND DATA OMITTED

SEE "THORNDALE AVENUE OVER SALT CREEK" HYDRAULIC REPORT

THORNDALE AVE

085+00

090+00

095+00

080+00

085+00

090+00

315+00

320+00

415+00

12" RCP (L)

15" RCP (L)

18" RCP (L)

24" RCP (L)

36" RCP (L)

12" CMP (L)

18" LRCP

24" LRCP

MICOR 4" (L)12" RCP

(L)12" RCP

(L)12" CMP

100-YR FLOODPLAIN
682.00

WOODDALE – ITASCA
RESERVOIR

0 50' 100'

KEY PLAN

TEMPLE PARK RD
GARY AVE
SPRINGSOUTH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
IRONWING RD
1-290
1-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
MITTEL DR
TOWNE RD
WOOD DALE RD
BUSSE (IL-83 N)
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E27.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	ELGIN O'HARE WEST BYPASS communities. opportunities. solutions.	Illinois Department of Transportation
		DRAWN PWN / MYG	REVISED -		
	PLOT SCALE = 100'	CHECKED CW	REVISED -		CHRISTOPHER B. BURKE Engineering, Inc.
	PLOT DATE = 10/18/2012	DATE -	REVISED -		

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	28
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E27.dgn

MATCH LINE SEE SHEET 28

MATCH LINE SEE SHEET 30

LEAVES PROJECT LIMITS

40337
EX SAN MH
RIM=694.77
INV=675.77 (N)
INV=675.62 (S)

12" PVC

N MITTEL BLVD

STRUCTURE NOT FOUND

40331
EX SS MH
RIM=696.82
INV=691.77 (SE)
INV=687.37 (N,S)

12" RCP(L)

LEAVES PROJECT LIMITS

OUTLET
SLT 18

18" RCP(L)

4091
EX SS INL
RIM=693.87
INV=690.62 (S)

4088
EX SS INL
RIM=694.23
INV=690.23 (W)
INV=690.13 (E)

4085
EX SS INL
RIM=694.18
INV=690.43 (S)

4092
EX SS INL
RIM=693.87
INV=690.57 (N)
INV=690.57 (E)

4086
EX SS INL
RIM=694.49
INV=690.74 (N)

4087
EX SS MH
RIM=696.83
INV=688.38 (N)
INV=688.83 (W)

4093
EX SAN MH
RIM=694.67
INV=675.12 (N)
INV=676.92 (S)

4082
EX SS MH
RIM=708.92
INV=697.82 (W)
INV=697.87 (E)

4081
EX SS INL
RIM=703.74 (W)
INV=701.46 (S)

INV=707.76

12" RCP (L)

15" RCP(L)

THORNDALE AVE

INV=688.38

10" RCP (L)

4094
EX SS CB
RIM=692.11
INV=689.61

4089
EX SS INL
RIM=694.48
INV=690.58 (W)
INV=690.53 (E)

10" DIP

4084 (L)
EX SS MH
RIM=694.51
INV=690.51 (N)
INV=690.51 (S)
INV=689.71 (W)
INV=689.61 (E)

4083
EX SS INL
RIM=699.06
INV=696.71 (N)

4080
EX SS MH
RIM=703.71
INV=701.31 (N)
INV=700.76 (W)
INV=700.86 (E)

4079
EX SS MH
RIM=704.76
INV=701.61 (W)
INV=701.66 (E)

4077
EX SS MH
RIM=708.92
INV=705.17 (N)
INV=701.87 (W)
INV=701.92 (E)

4097
EX SS INL
RIM=711.77
INV=704.47 (W)
INV=704.52 (E)

100+00

105+00

4071
EX SS INL
RIM=692.24
INV=689.69 (S)

4090
EX SS MH
RIM=694.56
SEALED RIM

INV=687.45

18" RCP (L)

INV=693.91

INV=704.38

4076
EX SS INL
RIM=708.71
INV=704.49 (W)
INV=704.71 (E)
INV=704.61 (S)

INV=708.97
3-1/2" RESTRICTOR
SHOWN IN RECORD
DRAWINGS

4098
EX SS INL
RIM=713.39
INV=705.19 (W)
INV=705.49 (E)

4099
EX SS INL
RIM=713.93
INV=705.63 (W)
INV=705.78 (E)

GROUND DATA
OMITTED DUE TO
OBSTRUCTED VIEW

4070
EX SS MH
RIM=691.27
INV=687.47 (W)
INV=687.57 (E)

4072
EX SAN MH
RIM=693.90
INV=673.90 (N)
INV=673.80 (S)

MITTEL DR

105+00

110+00

40326
EX SS INL
RIM=693.18
INV=690.68

15" RCP (L)

40325
EX SS INL
RIM=693.30
INV=689.80

15" RCP (L)

40324
EX SS MH
RIM=695.17
INV=688.87

200+00

205+00

210+00

OUTLET
SLT 5

40322
EX SS INL
RIM=695.29
INV=691.84 (S)
INV=691.79 (W)

1100+00

1105+00

40320
EX SS MH
RIM=695.63
INV=688.53 (NW)
INV=687.38 (N)
INV=687.33 (S)

40323
EX SS INL
RIM=695.29
INV=692.44

12" RCP (L)

40321
EX SAN MH
RIM=698.10
INV=690.75 (NW)
INV=690.90 (SE)

40319
EX SAN MH
RIM=695.56
INV=673.26 (N)
INV=673.06 (S)

8" PVC

SEE SHEET 112

0 50' 100'

KEY PLAN

TEVINO PARK RD
CARY AVE
SPRINGSOUTH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
IRONWING RD
N ARLINGTON HEIGHTS RD
PROSPECT RD
MITTEL DR
TONNE RD
WOOD DALE RD
BUSSE ILL-83 WI
YORK RD

1.290

FILE NAME = DIEOWB-sht-ex-drain-EOE28.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	29
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-EOE28.dgn

FILE NAME = DIEOWB-sht-ex-drain-E0E29.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED / WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. | OF | SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	30
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36il80 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E29.dgn

MATCH LINE SEE SHEET 30

MATCH LINE SEE SHEET 32

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

OUTLET WL 1

OUTLET WL 2

CARL BLVD

THORNDALE AVE

N CENTRAL AVE

VILLAGE OF WOODDALE

12867 EX SS INL RIM=708.69 INV=705.89 (E)

12865 EX SS INL RIM=714.58 INV=712.98 (S)

12866 EX SS MH RIM=715.06 INV=710.31 (W) INV=710.11 (E)

12869 EX SS CB RIM=708.57 INV=705.22 (W)

12868 EX SAN MH RIM=711.89 INV=704.34 (E)

12870 EX SS INL RIM=711.38 INV=709.09 (S)

12871 EX SS MH RIM=711.65 INV=706.00 (W) INV=703.70 (E)

12872 EX SS INL RIM=710.26 INV=706.76 (E)

12874 EX SS CB RIM=708.56 INV=703.71 (W) INV=703.63 (E)

12875 EX SS MH RIM=713.49 INV=700.30 (N) INV=700.94 (W)

12876 EX SAN MH RIM=709.66 INV=703.34 (N) INV=695.76 (E) INV=694.81 (S)

12877 EX SAN MH RIM=709.22 INV=700.77 (W) INV=695.89 (N) INV=695.65 (S)

12878 EX SS INL RIM=707.40 INV=705.02 (S)

12879 EX SS MH RIM=706.68 INV=699.93 (W) INV=698.80 (E)

12873 EX SAN MH RIM=702.91 INV=695.32

42515 EX SAN MH RIM=705.84 INV=695.97 (N) INV=695.94 (W)

12881 EX SS MH RIM=701.84 INV=697.42 (N) INV=697.29 (S) INV=697.39 (W)

12880 EX SS INL RIM=701.12 INV=697.87 (S)

12884 EX SS MH RIM=698.65 INV=694.40 (N) STRUCTURE NOT FOUND

12882 EX SS INL RIM=699.97 INV=696.38 (E)

12883 EX SS MH RIM=700.38 INV=694.63 (N) INV=695.48 (S)

12885 EX SS MH RIM=701.24 INV=693.81 (W) INV=693.70 (E) INV=697.32 (S)

12886 EX SS INL RIM=700.58 INV=697.43 (S)

12887 EX SS MH RIM=701.17 INV=693.65 (N) INV=693.74 (W)

12911 EX SS INL RIM=700.84 INV=697.48 (N) INV=697.58 (S)

12912 EX SAN MH RIM=701.24 INV=693.51 (E) INV=687.24 (W)

12908 EX SS MH RIM=702.67 INV=695.34 (N) INV=694.77 (S)

12909 EX SAN MH RIM=702.78 INV=687.69 (N) INV=688.52 (E)

12910 EX SS INL RIM=700.99 INV=697.91 (W)

12890 EX SAN MH RIM=700.57 INV=694.90 (S)

12893 EX SS MH RIM=700.94 INV=695.38 (N) INV=695.72 (S) INV=695.74 (E) 8" RESTRICTOR=695.74

12894 EX SAN MH RIM=701.42 INV=694.06 (E)

40417 EX SS CB RIM=708.58 INV=702.90 (SW) INV=702.88 (NE)

40418 EX SS MH RIM=708.76 INV=705.36 (SW) INV=701.83 (SE)

40416 EX SS INL RIM=708.42 INV=706.35

FL END SEC INV=716.64

FL END SEC INV=706.36

INV=697.01

INV=695.55

LEAVES PROJECT LIMITS

LEAVE PROJECT LIMITS

STRUCTURE NOT FOUND

1125+00 1130+00 1135+00 1140+00 315+00 400+00 405+00 410+00

0 50' 100'

KEY PLAN

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-E0E30.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	31
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E30.dgn

PROJECT LIMIT

MATCH LINE SEE SHEET 31

MATCH LINE SEE SHEET 33

LIVELY BLVD

THORNDALE AVE

SIVERT DR

DILLON DR

VILLAGE OF WOODDALE

N

12905
EX SS MH
RIM=696.79
INV=693.34 (N)
INV=693.06 (E)
INV=693.09 (W)

LEAVES PROJECT LIMITS

10" RCP (L)

12" RCP (L)

10" RCP (L)

12" RCP (L)

12906
EX SS INL
RIM=696.55
INV=693.69 (E)
INV=694.01 (W)

12904
EX SS MH
RIM=696.78
INV=692.88 (W)

12918
EX SAN MH
RIM=698.54
INV=688.22 (S)

6" VCP

15" RCP (L)

INV=693.07

INV=696.27

12916
EX SAN MH
RIM=693.27
INV=686.06 (E)

10" VCP

INV=691.60

12917
EX SAN MH
RIM=692.51
INV=684.63 (E)

21" CMP (L)

12965
EX SAN MH
RIM=691.88
INV=686.45

6" VCP

10" VCP

STRUCTURE NOT FOUND

INV=690.89

12913
EX SAN MH
RIM=691.30
INV=682.43 (E)

12" RCP (L)

12899
EX SS INL
RIM=696.58
INV=693.37

12900
EX SS MH
RIM=695.52
INV=691.85

42517
EX SS INL
RIM=694.94
INV=690.79 (SW)
INV=690.71 (SE)

12898
EX SS INL
RIM=695.93
INV=693.67

12" PVC (L)

12" PVC (L)

12" RCP(L)

42518
EX SS INL
RIM=695.03
INV=690.98

40400
EX SS INL
RIM=695.42
INV=691.69

18" RCP (L)

INV=690.56

12901
EX SS INL
RIM=695.45
INV=691.31

12" RCP (L)

12902
EX SS INL
RIM=695.56
INV=691.67

40398
EX SAN MH
RIM=696.40
INV=689.28 (S)

LEAVES PROJECT LIMITS

FL END SEC
INV=690.29

40397
EX SS MH
RIM=696.50
INV=690.33 (E)
INV 12" HOLE=690.04

40396
EX SS MH
RIM=696.42
INV=690.07 (SW)
SAME STRUCTURE AS 40397

INV=690.63

STRUCTURE NOT FOUND

40384
EX SAN MH
RIM=691.88
INV=680.63

40383
EX SS MH
RIM=691.34
INV=684.36

18" RCP (L)

12899
EX SAN MH
RIM=701.67
INV=692.16 (S)

12897
EX SS INL
RIM=700.87
INV=698.62 (W)

10" RCP (L)

12896
EX SS INL
RIM=700.68
INV=697.13 (E)
INV=697.11 (W)

LEAVES PROJECT LIMITS

UNABLE TO DETERMINE SIZE

12" RCP

40379
EX SS CB
RIM=688.10
INV=684.99

40378
EX SS INL
RIM=688.33
INV=684.89

40381
EX SAN MH
RIM=688.93
INV=678.36

GROUND DATA OMITTED

45+00 | 1150+00 | 1155+00

41+50 | 1145+00 | 1150+00 | 1155+00

11+50 | 1145+00 | 1150+00

10+00 | 1140+00 | 1145+00

20+00

0 50 100'

KEY PLAN

TRUING PARK RD | GARY AVE | SPRINGSMITH RD | ROOSEVELT RD | WRIGHT BLVD | MITCHELL BLVD | S ROSELLE RD | PLUM GROVE ROAD | MEACHAM RD | ROWLING RD | N ARLINGTON HEIGHTS RD | PROSPECT RD | WITTEL DR | TOWNE RD | WOOD DALE RD | BUSSE (IL-83 NB) | YORK RD

1:250 | 1:250

FILE NAME = DIEOWB-sht-ex-drain-E0E31.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	32
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-E0E31.dgn

MATCH LINE SEE SHEET 32

MATCH LINE SEE SHEET 34

THORNDALE AVE

N EDGEWOOD AVE

STRUCTURE NOT FOUND

12926 EX SAN MH RIM=692.19 INV=685.03 (S)

12925 EX SAN MH RIM=691.62 INV=680.47 (E)

INV=688.71

INV=686.88

18" CMP (L)

INV=688.32

12929 EX SAN MH RIM=688.64 INV=679.33 (E)

12928 EX SS INL RIM=689.59 INV=686.14

12931 EX SS INL RIM=689.77 INV=687.87 (E)

12964 EX SS INL RIM=690.99 INV=686.75 (S)

12963 EX SS MH RIM=690.55 INV=684.85

12962 EX SS MH RIM=688.47 INV=683.79 (W) INV=683.75 (E)

12930 EX SS MH RIM=692.22 INV=685.32

40048 EX SAN MH RIM=687.73 INV=677.61 (W) INV=677.58 (E)

40049 EX SS INL RIM=681.69 INV=680.16 (S) INV=680.05 (W)

40050 EX SAN MH RIM=681.95 INV=671.85 (E) INV=673.30 (W)

6" PVC

10" VCP

12" RCP(L)

24" RCP(L)

1165+00

1170+00

1175+00

1110+00

1105+00

INV=686.39

INV=689.79

GROUND DATA OMITTED

12923 EX SS INL RIM=689.29 INV=685.36 (E) INV=685.44 (W)

12932 EX SS MH RIM=691.37 INV=684.05 (E) INV=684.09 (W)

12933 EX SS MH RIM=688.91 INV=683.61 (W) INV=683.35 (S)

12939 EX SS MH RIM=686.02 INV=678.96 (N) INV=678.91 (W)

12937 EX SS MH RIM=687.76 INV=681.05 (E)

12936 EX SS MH RIM=687.78 INV=681.12 (S)

12940 EX SS MH RIM=686.89 INV=678.44 (E) INV=680.68 (S)

30" RCP(L)

18" RCP(L)

INV=683.54

INV=681.44

INV=682.84

1160+00

1100+00

40369 EX SS INL RIM=688.18 INV=686.48

40368 EX SS INL RIM=688.28 FULL OF DEBRIS

40366 EX SS INL RIM=687.37 INV=683.63 (W) INV=683.51 (E)

40367 EX SS INL RIM=687.56 INV=684.49

40365 EX SS CB RIM=687.70 INV=683.54

40063 EX SS CB RIM=676.64 INV=673.21 (SE)

12" RCP(L)

1215+00

1210+00

1205+00

1155+00

40359 EX SS MH RIM=684.96 INV=677.84

15" RCP(L)

40357 EX SS CB RIM=684.68 INV=680.38 (W,N) INV=677.48 (S)

40358 EX SS CB RIM=684.22 INV=677.67

40356 EX SS MH RIM=684.17 INV=676.89 (N) INV=676.86 (S)

OUTLET WL 18

LEAVES PROJECT LIMITS

40377 EX SS CB RIM=687.44 INV=684.40 (S) NO OTHER PIPES VISIBLE

6" PVC

8" SAN (L)

18" RCP (L)

40067 EX SS CB RIM=674.39 INV=670.44 (N) INV=670.45

0' 50' 100'

KEY PLAN

IRVING PARK RD · GARY AVE · SPRINGSMITH RD · RODENBURG RD · WRIGHT BLVD · MITCHELL BLVD · S ROSELLE RD · PLUM GROVE ROAD · MEDINAH RD · MEACHAM RD · ROHLWING RD · I-290 · N ARLINGTON HEIGHTS RD · PROSPECT RD · WITTEL DR · TOWNE RD · WOOD DALE RD · BUSSE (ILT-83 NB) · YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E32.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	33
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E32.dgn

SEE SHEET 109

MATCH LINE SEE SHEET 33

MATCH LINE SEE SHEET 35

SEE SHEET 108

BUSSE RD (IL-83)

THORNDALE AVE

OUTLET WL 4

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

RESTRICTOR SHOWN IN RECORD DRAWINGS

TOP OF RES. PLATE=676.00

TOP OF RES. PLATE=675.42

TOP OF RES. PLATE=673.98

TOP OF RES. PLATE=671.59

TOP OF RES. PLATE=671.55

TOP OF RES. PLATE=673.25

PIPES NO OTHER VISIBLE

KEY PLAN

IRVING PARK RD · GARY AVE · SPRINGSOUTH RD · ROOSEVELT RD · WRIGHT BLVD · MITCHELL BLVD · S ROSELLE RD · PLUM GROVE ROAD · MEACHAM RD · ROSELLE RD · 1-290 · N ARLINGTON HEIGHTS RD · PROSPECT RD · MITTEL DR · TOWNE RD · WOOD DALE RD · BUSSE (IL-83) RD · YORK RD

0 50' 100'

FILE NAME = DIEOWB-sht-ex-drain-E0E33.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	34
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E33.dgn

PROJECT LIMIT

SUPREME DR

CANADIAN PACIFIC R.R.

MATCH LINE SEE SHEET 34

MATCH LINE SEE SHEET 36

THORNDALE AVE

OUTLET
WL 5

LEAVES PROJECT LIMITS

PROJECT LIMIT

40083
EX SS CB
RIM=669.51
INV=665.41 (NW)
INV=665.51 (W)

4127
EX SS MH
RIM=670.68
INV=668.18 (W)
INV=667.98 (E)

4128
EX SS MH
RIM=670.78
INV=668.43 (W)
INV=668.08 (E)

4122
EX SS MH
RIM=671.40
INV=668.75 (W)
INV=668.68 (E)
INV=668.90 (S)

4120
EX SS MH
RIM=670.45
INV=665.65 (W)
INV=665.55 (E)

12980
EX SS MH
RIM=669.13
INV=664.78 (NW)
INV=664.50 (E)

12970
EX SS INL
RIM=668.61
INV=665.91 (S)

12972
EX SS INL
RIM=667.76
INV=665.36 (S)

12978
EX SS MH
RIM=667.99
INV=664.34 (N)
INV=664.19 (S)
INV=664.54 (E)

12977
EX SS MH
RIM=667.19
INV=664.79 (NW)

12984
EX SS MH
RIM=666.93
INV=663.39 (W,E)
INV=663.39 (W,E)

2974
EX SS INL
RIM=667.35
INV=665.30

12985
EX SS INL
RIM=667.02
INV=663.27 (W,E)

12992
EX SS MH
RIM=667.48
INV=664.13 (N)
INV=664.28 (S)
INV=664.06 (W)
INV=664.23 (E)

12993
EX SS MH
RIM=666.36
INV=664.11 (N,S)
STRUCTURE
NOT FOUND

12994
EX SS INL
RIM=667.20
INV=663.90 (N)
INV=663.78 (E)

12975
EX SS MH
RIM=667.97
INV=664.82 (NW)
INV=664.89 (NW)
INV=664.72 (E)
INV=665.07 (S)

12976
EX SS MH
RIM=667.92
INV=665.40 (N)
INV=665.97 (S)

12973
EX SS MH
RIM=669.43
INV=664.93 (N,E)

12969
EX SS MH
RIM=670.05
INV=665.90 (N)
INV=665.37 (W)
INV=665.41 (E)

12971
RECORD SS MH
RIM=669.4
INV=665.17 (N)
INV=664.98 (W)
INV=664.87 (E)

40084
EX SS CB
RIM=668.35
INV=666.15 (NE)
INV=669.97 (SE)

RESTRICTOR SHOWN IN RECORD DRAWINGS

10" RESTRICTOR=665.34
TOP OF PLATE=768.89

10" RESTRICTOR=664.88
TOP OF PLATE=668.17

10" RESTRICTOR=665.03
TOP OF PLATE=668.08

15" RCP(L)
24" RCP(L)
12" RCP(L)
18" RCP(L)
36" RCP(L)
6" F.M.
12" PVC(L)
18" PVC(L)
15" PVC
24" RCP
36" RCP
10" CMP(L)
8" CMP(L)
NYLOPLAST 6"
15" RCP

INV=671.65
INV=671.31
INV=668.70
INV=667.00
INV=667.99
INV=665.42
INV=663.17
INV=665.35
INV=669.10
INV=671.89
INV=671.63
INV=669.01
INV=669.04
INV=665.09
INV=668.91

1190+00
1195+00
1110+00
1190+00
1195+00
800+00
805+00
120+00
115+00
105+00
1200+00
310+00
1185+00
1195+00
1200+00

AT&T

0 50' 100'

KEY PLAN
STERLING PARK RD
GARY AVE
SPRINGSMITH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S RUSSELL RD
PLUM GROVE ROAD
MEACHAM RD
IRONWING RD
I-290
ARLINGTON HEIGHTS RD
PROSPECT RD
WILTEL DR
TONNE RD
WOOD DALE RD
BUSSE RD
IL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E34.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	35
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E34.dgn

FILE NAME = DIEOWB-sht-ex-drain-E0E35.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	36
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E35.dgn

SEE SHEET 159

MATCH LINE SEE SHEET 36

MATCH LINE SEE SHEET 38

THORNDALE AVE

THOMAS DR

WILLOW CREEK SOUTH TRIBUTARY

FLOODWAY

100-YR FLOODPLAIN 663.00

SEE "THORNDALE AVENUE OVER WILLOW CREEK SOUTH TRIBUTARY" HYDRAULIC REPORT

LEAVES PROJECT LIMITS

OUTLET WL 7

OUTLET WL 8

STRUCTURE NOT FOUND

F/F=666.09

0 50' 100'

KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-E0E36.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	37
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E36.dgn

SEE SHEET 45

SEE SHEET 44

MATCH LINE SEE SHEET 37

SEE SHEET 97

N YORK RD

CANADIAN PACIFIC R.R.

THORNDALE AVE

OUTLET WL 10

OUTLET WL 9

100-YR FLOODPLAIN 663.00

GROUND DATA OMITTED

0 50' 100'

KEY PLAN

IRVING PARK RD · GARY AVE · SPRINGSMITH RD · RODENBURG RD · WRIGHT BLVD · MITCHELL BLVD · S RIDGELLE RD · PLUM GROVE ROAD · MEACHAM RD · MEDINAH RD · ROHLWING RD · I-290 · ARLINGTON HEIGHTS RD · PROSPECT RD · WITTEL DR · WOOD DUCK RD · TONNE RD · BUSSE (IL 83 NB) · YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E37.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	38
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-E0E37.dgn

SEE SHEET 22

RAMP

PAVED DITCH

RAMP

CULVERT# I-290_2
D.A. = 22.4 AC

4214
EX SS CB
RIM=711.02
INV=704.97 (N)
INV=704.97 (S)
SUMP=702.87

4215
EX SS CB
RIM=710.97
INV=707.15 (E)
SAME STRUCTURE AS 4214

4216
EX SS CB
RIM=712.14
INV=705.59 (N)
SUMP=703.74

4217
EX SS CB
RIM=712.11
INV=705.51 (N,S)
SUMP=706.16

4218
EX SS CB
RIM=712.06
INV=705.46 (N)
INV=705.61 (S)
SUMP=705.16

4220
EX SS CB
RIM=712.12
SAME STRUCTURE AS 4217

4221
EX SS CB
RIM=712.14
SAME STRUCTURE AS 4216

4219
EX SS CB
RIM=712.05
SAME STRUCTURE AS 4218

4222
EX SS CB
RIM=712.78
INV=706.38 (N)
INV=706.48 (S)
SUMP=705.30

4223
EX SS CB
RIM=712.80
INV=709.26 (E)
SAME STRUCTURE AS 4222

4224
EX SS CB
RIM=713.64
INV=707.64 (N)
INV=709.34 (W)
SUMP=706.19

4225
EX SS CB
RIM=713.66
SAME STRUCTURE AS 4224

4226
EX SS CB
RIM=714.43
INV=708.18 (N)
SUMP=706.98

4227
EX SS CB
RIM=714.05
INV=710.15 (E)
SAME STRUCTURE AS 4226

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

18" RCP

24" RCP

42" RCP

6" PVC

I-290 E.B.

I-290 W.B.

1360+00 18" RCP

1310+00

1360+00

1425+00

1515+00

1605+00

1610+00

1525+00

1400+00

1405+00

INV=706.02

INV=704.10

INV=707.65

INV=703.04

INV=694.79

41130
EX SS TNC
RIM=701.42
INV=697.12

41131
EX SAM MH
RIM=702.42
INV=688.57

41132
EX SS MH
RIM=699.08
INV=691.38

41133
EX SS CB
RIM=701.60
INV=697.65 (N)
INV=697.58 (S)

41134
EX SS MH
RIM=702.43
INV=697.33 (NW)
INV=695.73 (SW)
INV=695.21 (SE)

41136
EX SAM MH
RIM=702.26
INV=690.14

OUTLET
SLT 6

12" RCP
INV=697.06

15" RCP

16" RCP

6" PVC

COMCAST

N

0 50' 100'

KEY PLAN

IRVING PARK RD
GARY AVE
SPRINGSMITH RD
ROSEMBERG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
ROMEO RING RD
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
WITTEL DR
TONNE RD
WOOD DALE RD
BUSSE ILL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-E0E38.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	39
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-E0E38.dgn

BENSENVILLE DITCH WATERSHED

W MAIN ST

N YORK RD

ALLEY

W ROOSEVELT RD

PERSHING AVE

CANADIAN PACIFIC R.R.

MCI FIBER

FORCE MAIN UTILITY QUALITY LEVEL "D"

ABANDONED

unknown owner

MATCH LINE SEE SHEET 41

SEE SHEET 94

100'

KEY PLAN

MAIN ST
ROOSEVELT RD
N YORK RD
BELLIS DR
THORNDALE AVE
SHERWOOD DR
WILLOW LN
ELMHURST RD
HIGGINS RD
UNION PACIFIC R.R.
TOOLEY AVE
ADDAMS MEMORIAL TOLLWAY (I-90)
JANE ADDAMS TOLLWAY

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-YPRI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	40
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPRI.dgn

MATCH LINE SEE SHEET 40

MATCH LINE SEE SHEET 42

IL-19/IRVING PARK RD

FLOODWAY

100-YR FLOODPLAIN 658.58

PLEASANT ST

BROOKWOOD ST

N YORK RD

SEE "WEST BYPASS OVER BENSENVILLE DITCH" HYDRAULIC REPORT

CANADIAN PACIFIC R.R.

OUTLET BN 1

BENSENVILLE DITCH

100-YR FLOODPLAIN 658.83

CENTERLINE OF REALIGNED BENSENVILLE DITCH BY OTHERS

3 - 10'X6' BOX CULVERTS

FLOODWAY

100-YR FLOODPLAIN 658.83

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

FOUND DATA PLOTTED DUE TO OBSTRUCTED VIEW

SEE SHEET 94 , 95

0 50 100'

KEY PLAN

W MAIN ST
IL-19/IRVING PARK RD
N YORK RD
BEELINE DR
THORNDALE AVE
SUPREME DR
DEVON AVE
ELMHURST RD
HIGGINS RD
ADDAMS MEMORIAL TOLLWAY I-90
UNION PACIFIC R.R.
TOURHY AVE
JANE ADDAMS TOLLWAY I-294
I-294 N/E
I-294 S/W

FILE NAME = DIEOWB-sht-ex-drain-YPR2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

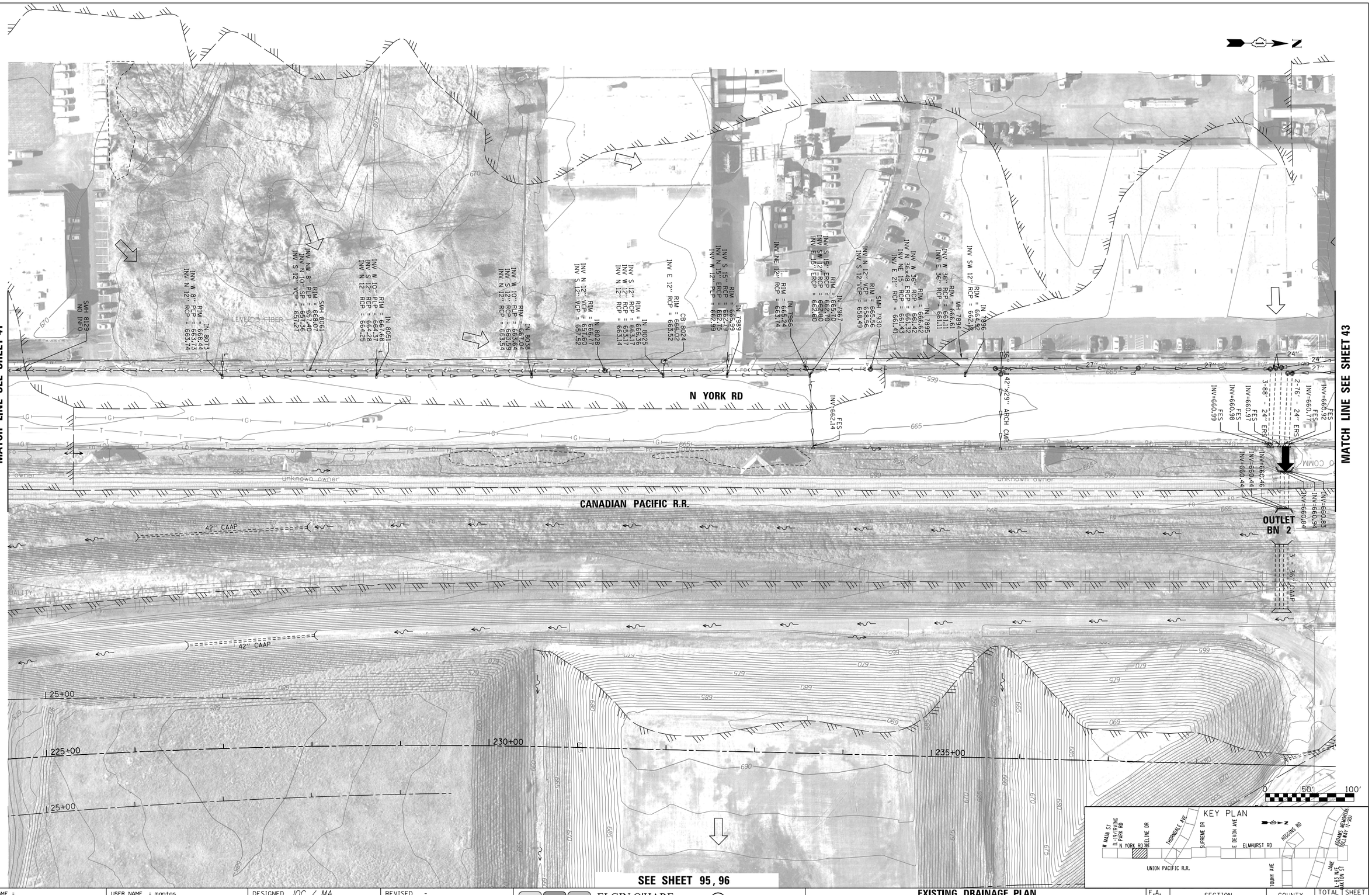
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	41
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPR2.dgn



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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

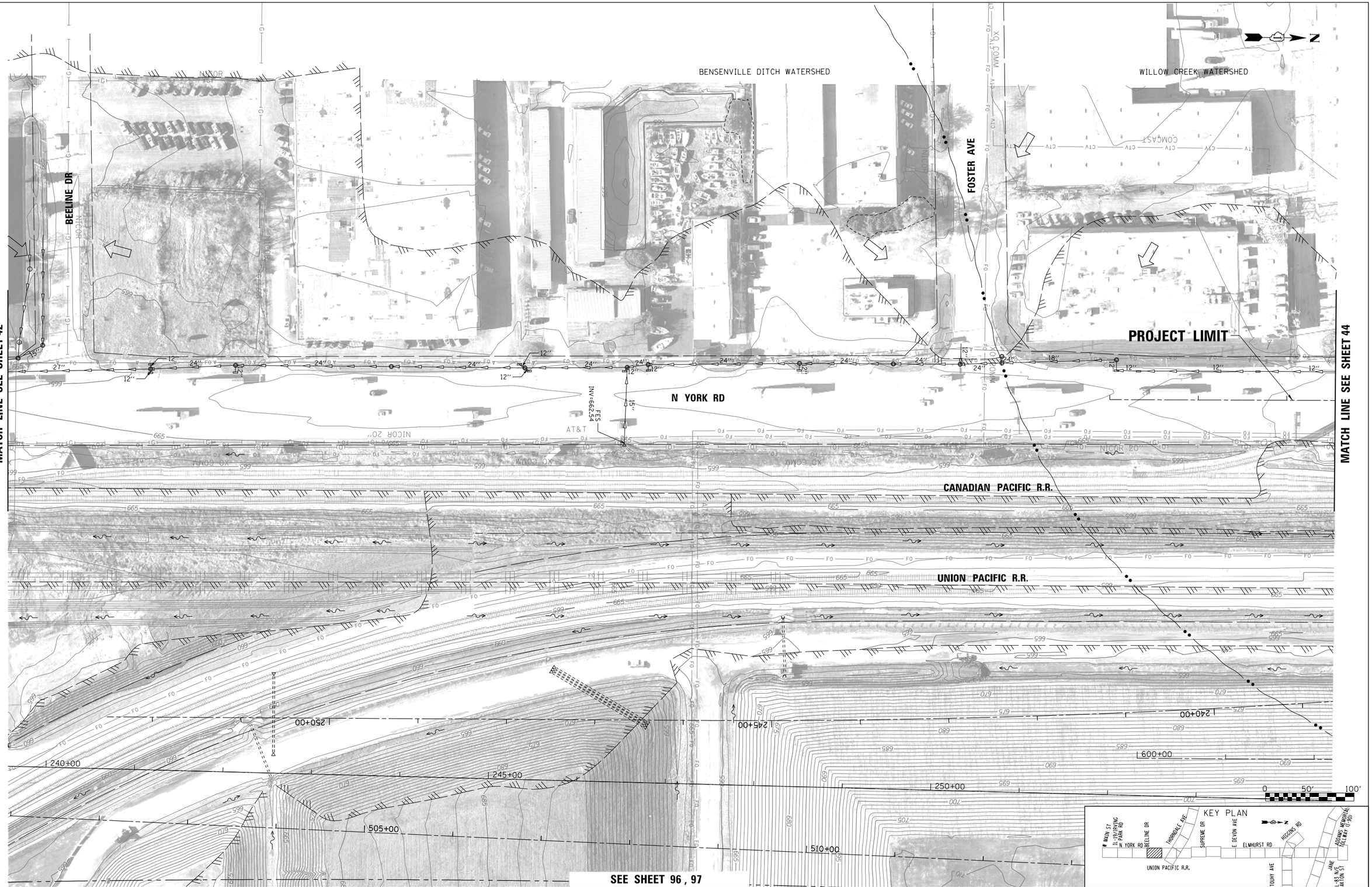
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	42
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPR3.dgn



FILE NAME = DIEOWB-sht-ex-drain-YPR4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

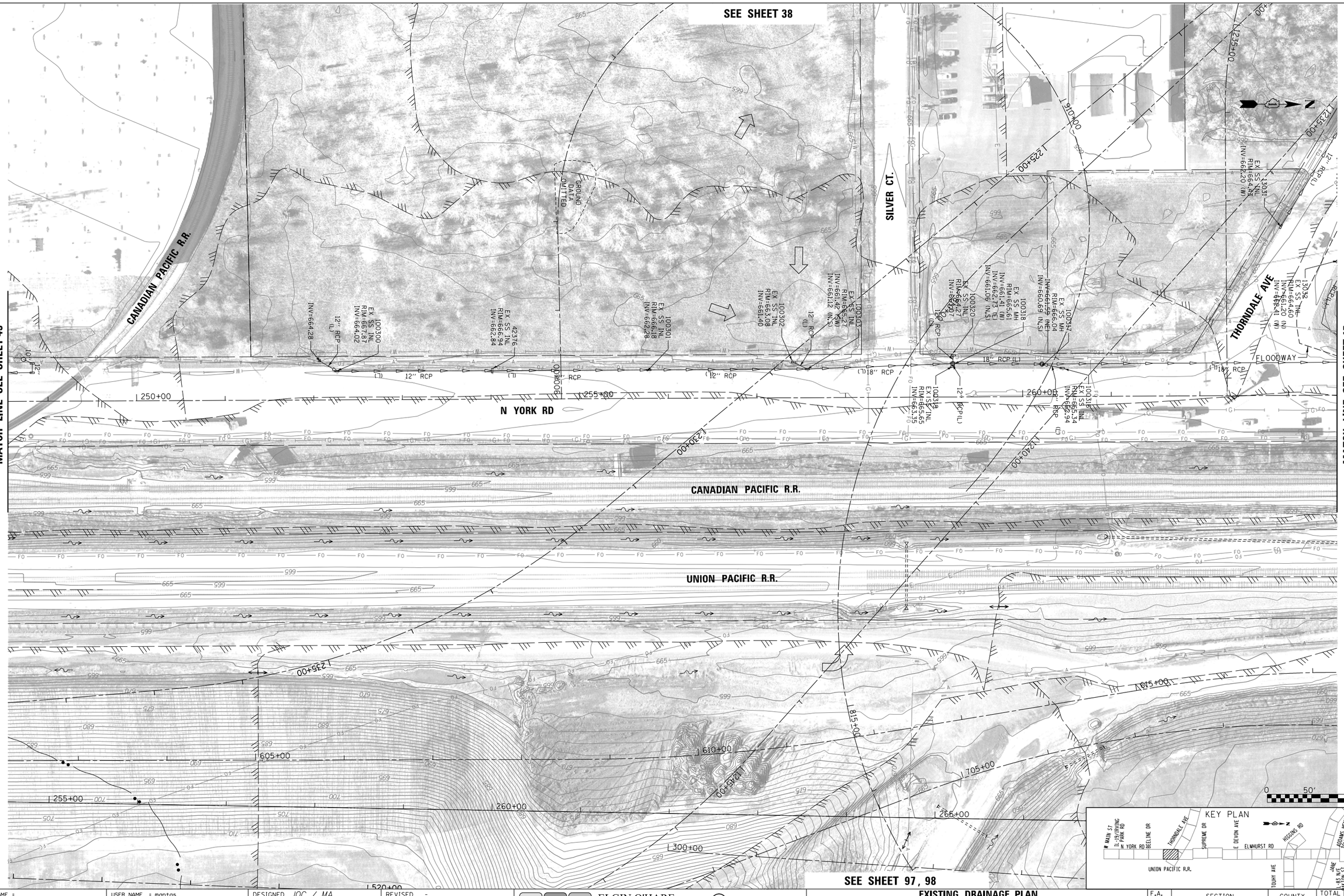
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED / WILLOW CREEK WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	43
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-YPR4.dgn



FILE NAME = DIEOWB-sht-ex-drain-YPR5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	44
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPR5.dgn

MATCH LINE SEE SHEET 44

MATCH LINE SEE SHEET 46

THORNDALE AVE

OUTLET WL 9

OUTLET WL 10

100-YR FLOODPLAIN 655.59

FLOODWAY

WILLOW CREEK SOUTH TRIBUTARY

30'X6' BRIDGE

N YORK RD

CANADIAN PACIFIC R.R.

UNION PACIFIC R.R.

SEE SHEET 98 , 99

KEY PLAN

FILE NAME =	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
DIEOWB-sht-ex-drain-YPR6.dgn		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	45
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPR6.dgn

MATCH LINE SEE SHEET 45

MATCH LINE SEE SHEET 47

FLOODWAY

100-YR FLOODPLAIN
655.59

WILLOW CREEK SOUTH TRIBUTARY

SUPREME DR

200159
EX SS MH
RIM=661.89
INV=652.59 (N)
INV=651.72 (W, SE)

200160
EX SS CB
RIM=663.78
INV=656.48

200161
EX SS CB
RIM=663.78
INV=651.60

253014
EX SS MH
RIM=663.32
INV=651.32 (W)
INV=651.26 (E)
INV=650.94 (N)

253061
EX SS CB
RIM=661.07
INV=651.07 (SW)
INV=651.07 (NE)

253067
EX SS CB
RIM=658.85
INV=649.70

200158
EX SS CB
RIM=661.31
INV=651.71

200157
EX SS INL
RIM=658.27
INV=655.55

200155
EX SS INL
RIM=658.89
INV=656.04

200156
EX SS INL
RIM=658.02
INV=655.45

200154
EX SS INL
RIM=658.70
INV=656.40

48" RCP (L)
18" RCP(L)
12" RCP(L)
6" PVC(L)
24" RCP(L)
24" RCP
12" RCP
12" RVC

TWIN 9'X7'
BOX CULVERT

100-YR FLOODPLAIN
655.59

280+00
285+00
290+00
295+00
500+00

N YORK RD

CANADIAN PACIFIC R.R.

UNION PACIFIC R.R.

TRAPEZOIDAL BRIDGE
37.66' TOP WIDTH
6" BOTTOM WIDTH

TRAPEZOIDAL BRIDGE
47.5' TOP WIDTH
6' BOTTOM WIDTH

PROJECT LIMIT

INV = 649.33

OUTLET
WL 12

INV = 648.60

OUTLET
WL 13

SEE "WEST BYPASS OVER WILLOW CREEK"
HYDRAULIC REPORT

12' X 8' RCBC

INLET
INV = 656.42

FES
INV = 654.89

INV = 648.85

INV = 648.00

CENTERLINE OF REALIGNED
WILLOW CREEK BY OTHERS

100-YR FLOODPLAIN
655.59

CENTERLINE OF REALIGNED
WILLOW CREEK BY OTHERS

175+00
180+00

72" CMP

170+00

SEE SHEET 99, 100

0 50' 100'

KEY PLAN

N MAIN ST
IL-19/IRVING PARK RD
N YORK RD
BEELINE DR
THORNDALE AVE
SUPREME DR
E DEVON AVE
ELMHURST RD
HIGGINS RD
ADAMS MEMORIAL TOLLWAY (I-90)
UNION PACIFIC R.R.
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)
I-294 N/E

FILE NAME = DIEOWB-sht-ex-drain-YPR7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	46
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-YPR7.dgn

MATCH LINE SEE SHEET 46

MATCH LINE SEE SHEET 48

N

WILLOW CREEK NORTH TRIBUTARY

PAN AM BLVD

N YORK RD

CANADIAN PACIFIC R.R.

UNION PACIFIC R.R.

100-YR FLOODPLAIN 655.59

NOTE:
EXISTING PAVEMENT FLOODING REPORTED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

TRAPEZOIDAL BRIDGE
38.5' TOP WIDTH
10' BOTTOM WIDTH

SEE "WEST BYPASS OVER WILLOW CREEK" HYDRAULIC REPORT

12' X 8' RCBC

OUTLET
WL 14

24" RCP CULVERT
INV. = 659.73

CENTERLINE OF REALIGNED WILLOW CREEK BY OTHERS

SEE SHEET 100, 101

0 50' 100'

KEY PLAN

FILE NAME =	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
DIEOWB-sht-ex-drain-YPR8.dgn		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
YORK RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	47
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPR8.dgn

MATCH LINE SEE SHEET 47

MATCH LINE SEE SHEET 49

N YORK RD

E DEVON AVE

ELMHURST RD

UNION PACIFIC R.R.

DuPAGE
COOK

COUNTY LINE

LEAVES PROJECT LIMITS

24" RCP CULVERT
INV = 661.02

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

FULL OF DEBRIS

UNABLE TO OPEN

320+00

330+00

315+00

325+00

SEE SHEET 101, 102

0 50' 100'

KEY PLAN

MAIN ST
IL-19/IRVING PARK RD
N YORK RD
BEELINE DR
HARDINDALE AVE
SUPREME DR
DEVON AVE
ELMHURST RD
HIGGINS RD
ADDAMS MEMORIAL TOLLWAY I-90
UNION PACIFIC R.R.
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY I-90

FILE NAME = DIEOWB-sht-ex-drain-YPR9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
YORK RD / ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	48
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheet\DIEOWB-sht-ex-drain-YPR9.dgn

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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

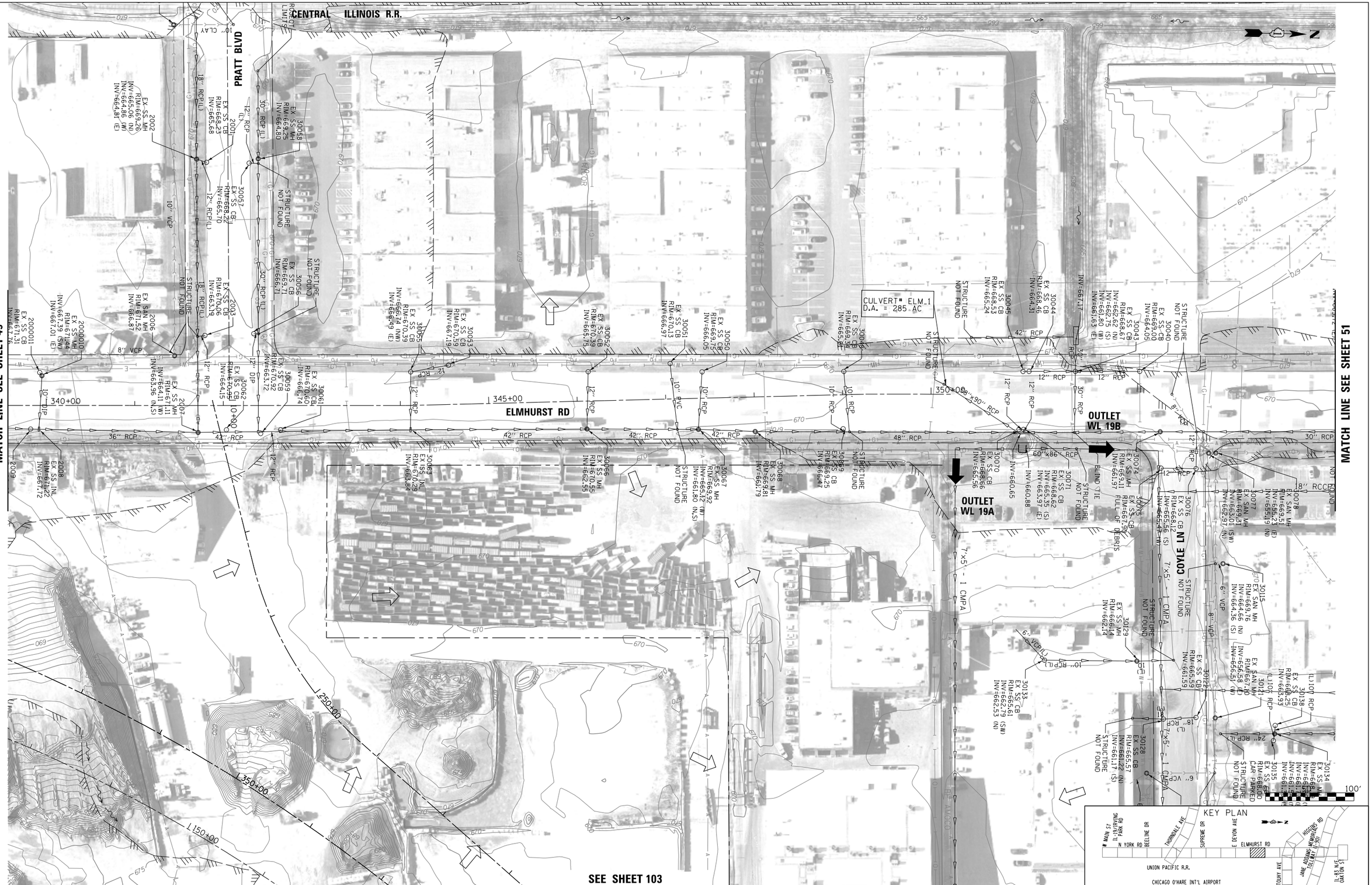
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	49
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPRI0.dgn



FILE NAME = DIEOWB-sht-ex-drain-YPRII.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	50
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPRII.dgn

CENTRAL ILLINOIS R.R.

TRIBUTARY TO WILLOW CREEK

LUNT AVE

GREENLEAF AVE

ELMHURST RD

MATCH LINE SEE SHEET 50

MATCH LINE SEE SHEET 52

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

FULL OF DEBRIS

FULL OF DIRT

UNABLE TO OPEN

LIFT STATION

NO PIPES VISIBLE SUMP=667.05

KEY PLAN

N YORK RD

ELMHURST RD

THORNDALE AVE

SURFSIDE DR

DEVON AVE

PARK RD

ST

MAIN

HIGGINS RD

JANE ADDAMS MEMORIAL TOLLWAY

TOLL

UNION PACIFIC R.R.

CHICAGO O'HARE INT'L AIRPORT

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW		DITCH SUMMIT	
OUTLET		LOCAL STORM SEWER	L
		STORM SEWER	
SHEET FLOW		SANITARY SEWER	
CHANNEL		FLARED END SECTION	
CULVERT SIZE - TYPE	2 X 2 BOX	CATCH BASIN	
BRIDGE LOCATION - BRIDGE NO.		HEADWALL/ENDWALL	
COUNTY LINE		INLET / INLET BOX	
		MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-YPRI2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	51
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYD\CAD\Sheets\DIEOWB-sht-ex-drain-YPRI2.dgn

FILE NAME = DIEOWB-sht-ex-drain-YPRI3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
WILLOW/HIGGINS CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	52
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-YPRI3.dgn

MATCH LINE SEE SHEET 52

MATCH LINE SEE SHEET 54

100-YR FLOODPLAIN 659.75

LANDMEIER RD

OUTLET HG 1

ELMHURST RD

MADISON ST

HOOVER ST

MCKINLEY ST

TYLER RD

MCKINLEY RD

MADISON RD

HOOVER RD

WASHINGTON ST

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

COMCAST LIFT STATION

UNION PACIFIC R.R.

CHICAGO O'HARE INT'L AIRPORT

0 50 100'

KEY PLAN

N YORK RD

MAIN ST

IL 19/IRVING PARK RD

THORNDALE AVE

BELDEN AVE

SUPREME DR

DEVON AVE

ELMHURST RD

HIGGINS RD

TOLLWAY AVE

IL 83 W/S

OAKTON ST

FILE NAME = DIEOWB-sht-ex-drain-YPR14.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	53
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPR14.dgn

SEE SHEET 67

MATCH LINE SEE SHEET 53

MATCH LINE SEE SHEET 55

SEE SHEET 67

100-YR FLOODPLAIN 659.75

FLOODWAY

LEAVES PROJECT LIMITS

OUTLET HG 2

STRUCTURE NOT FOUND

100-YR FLOODPLAIN 658.08

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

RAMP

100-YR FLOODPLAIN 659.50

PAVED DITCH

ELMHURST RD

ADAMS CIR

ADAMS ST

NICOR

COMCAST

100-YR FLOODPLAIN 658.64

RAMP

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

KEY PLAN

N YORK RD

ELMHURST RD

THORNDALE AVE

SUPREME DR

E DEVON AVE

HIGGINS RD

1ST NW

UNION PACIFIC R.R.

CHICAGO O'HARE INT'L AIRPORT

TOUHY AVE

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

1ST NW

0 50' 100'

FILE NAME = DIEOWB-sht-ex-drain-YPRI5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

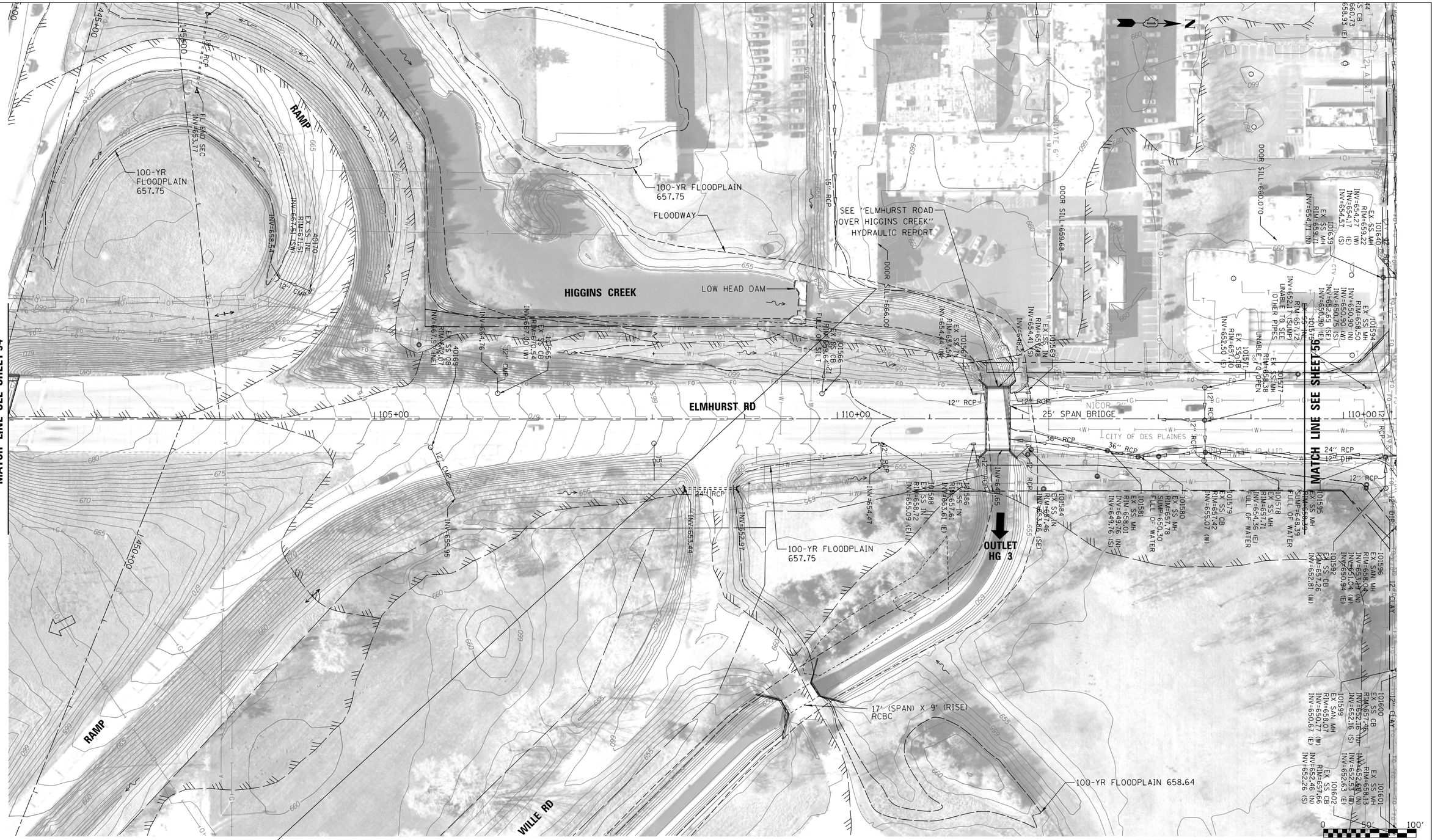
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	54
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-YPRI5.dgn



FILE NAME = DIEOWB-sht-ex-drain-YPR16.dgn	USER NAME = mamias	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	55
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-YPR16.dgn

ENTERPRISE DR

LEAVES PROJECT LIMITS

15" RCP

252530
EX SS MH
RIM=658.55
INV=650.50 (N)
INV=650.50 (W)

252529
EX SS IN
RIM=658.16
INV=653.06 (NW)

101681
EX SS CB
RIM=658.26
INV=653.96 (SW)
INV=653.71 (NE)

18"

101683
EX SS CB
RIM=659.01
INV=653.91 (N)
INV=653.71 (S)

8" RESTRICTOR PIPE

INV=655.38

DETENTION STORAGE

STRUCTURE NOT FOUND

101685
EX SAN MH
RIM=659.54
INV=639.14 (NW)
INV=639.02 (S)

101634
EX SS CB
RIM=658.61
INV=653.79 (NW)
INV=653.86 (E)

DETENTION PONDING STORAGE IN PARKING LOT

ELMHURST RD (IL-83)

115+00

STRUCTURE NOT FOUND

101635
EX SS CB
RIM=658.36
INV=653.41 (S)

101636
EX SS MH
RIM=659.23
INV=653.58 (N)
INV=653.58 (S)
INV=653.58 (W)

36" RCP

10" RESTRICTOR PIPE

101637
EX SS MH
RIM=658.46
INV=653.51 (NW)
INV=653.46 (SW)
INV=653.31 (E)

101638
EX SS INL
RIM=657.54
SUMP=650.84
NO PIPES VISIBLE

101654
EX SS CB
RIM=658.13
SUMP=651.53

101641
EX SS CB
RIM=658.32
INV=654.58 (N)

PROJECT LIMIT

101675
EX SS CB
RIM=662.31
INV=659.21 (S)

101657
EX SS MH
RIM=662.85
INV=657.90 (N)
INV=657.68 (S)

101648
EX SS CB
RIM=661.42
INV=658.47 (S)

101656
EX SS MH
RIM=662.07
INV=657.62 (N)
INV=657.62 (S)

101649
EX SS CB
RIM=660.60
INV=657.75 (S)

101655
EX SS MH
RIM=661.34
INV=657.74 (N)
INV=657.44 (S)

OAKTON ST (IL-83)

205+00

STRUCTURE NOT FOUND

101616
EX SS CB
RIM=661.41
INV=657.36 (E)

101645
EX SS MH
RIM=662.09
INV=656.49 (W)
INV=656.39 (E)

101644
EX SS CB
RIM=660.73
INV=658.93 (E)

101640
EX SS MH
RIM=659.22
INV=654.27 (W)
INV=654.17 (E)
INV=654.57 (S)

101639
EX SS MH
RIM=659.71
INV=654.71 (N)

MATCH LINE SEE SHEET 55

PROJECT LIMIT

STRUCTURE NOT FOUND

252528
EX SS MH
RIM=658.34
INV=655.44 (N)
INV=655.09 (S)
INV=655.34 (E)

CITY OF DES PLAINES 6"

W LINCOLN LN

18"

15"

12" DIP

8" DIP

12" RCP

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

101682
EX SS MH
RIM=658.23
INV=654.88 (N)
INV=654.63 (S)
INV=654.63 (E)

101680
EX SAN MH
RIM=658.68

101633
EX SS CB
RIM=658.36
INV=653.91 (W)

STRUCTURE NOT FOUND

101630
EX SS IN
RIM=659.25
INV=654.85 (W)
INV=655.40 (NE)

STRUCTURE NOT FOUND

101624
EX SS MH
RIM=658.65
INV=652.75 (N)
INV=652.65 (S)

101623
EX SS CB
RIM=658.10
INV=652.50 (N)

101620
EX SS CB
RIM=657.62
SUMP=652.67
FULL OF DEBRIS

101619
EX SAN MH
RIM=658.76
INV=654.86 (N)
INV=654.76 (S)

101618
EX SS CB
RIM=657.55
INV=653.15 (S)

101606
EX SAN MH
RIM=657.96
INV=651.26 (N)
INV=651.11 (S)
INV=652.96 (E)

101607
EX SS CB
RIM=657.52
INV=654.52 (N)
INV=653.72 (W)

101612
EX SS MH
RIM=658.56
SEALED RIM

101613
EX SS CB
RIM=657.60
INV=653.22 (S)

101608
EX SS CB
RIM=657.69
INV=653.29 (S)
INV=653.49 (E)

101605
EX SS CB
RIM=658.14
INV=654.64 (S)

101604
EX SS MH
RIM=657.70
INV=656.37 (E)

252520
EX SS CB
RIM=658.12
INV=654.27 (S)
INV=655.02 (W)

252518
EX SAN MH
RIM=658.64
INV=653.29 (W)
INV=653.44 (E)

252519
EX SS CB
RIM=658.17
INV=655.22 (S)

PROJECT LIMIT

101593
EX SS MH
RIM=658.42
INV=651.12 (S)
INV=651.02 (E)

210+00

OAKTON ST

215+00

101597
EX SS MH
RIM=658.04
INV=652.03 (N)
INV=651.78 (W)
INV=651.88 (E)

101596
EX SAN MH
RIM=658.04
INV=653.49 (N)
INV=651.04 (W)
INV=650.94 (E)

101582
EX SS CB
RIM=657.26
INV=652.81 (W)

101600
EX SS CB
RIM=657.46
INV=652.16 (N)
INV=652.16 (S)

101599
EX SAN MH
RIM=658.07
INV=650.77 (W)
INV=650.67 (E)

101601
EX SS MH
RIM=658.13
INV=652.68 (N)
INV=652.53 (W)
INV=652.63 (E)

101602
EX SS CB
RIM=657.66
INV=652.46 (N)

101603
EX SA
RIM=65
INV=65
INV=65

101594
EX SS MH
RIM=658.50
INV=650.90 (N)
INV=650.90 (W)
INV=650.75 (S)
INV=652.65 (SE)

12" CLAY

8" CLAY

8" PVC(L)

8" VCP

6" DIP

10" RCP

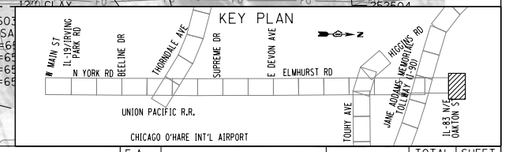
12" RCP(L)

18" RCP(L)

24" RCP

0 50' 100'

KEY PLAN



N

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DEOWB-sht-ex-drain-YPR17.dgn

FILE NAME = DEOWB-sht-ex-drain-YPR17.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
ELMHURST RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	56
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

I–90 W.B.

I–90 E.B.

RAMP

RAMP

RAMP

RAMP

S ARLINGTON HEIGHTS RD

3695+00

3700+00

3705+00

CULVERT I–90_1
D.A. = 361.7 AC

INV 695.754

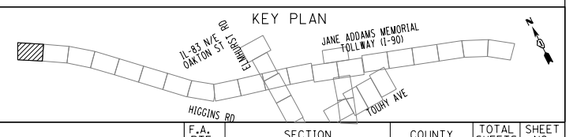
INV 695.761

PROJECT LIMIT

MATCH LINE SEE SHEET 58

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-JAEl.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	57
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEl.dgn

MATCH LINE SEE SHEET 57

MATCH LINE SEE SHEET 59

RAMP

RAMP

I–90 W.B.

I–90 E.B.

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

INV=696.37

INV=696.18

6" PVC

12" PVC

251338 EX SS CB RIM=713.52

251338 EX SS CB RIM=710.49 (NW) INV=710.49 (SW) INV=707.98 (SE) INV=710.49 (SE)

251388 EX SS MH RIM=695.48 (NW) INV=683.68 (E) INV=683.68

12" VCP

12" DIP

12" RCP

10" CMP

3" SLOT DRAIN

251382 EX SS CB RIM=708.89 INV=705.84 (W) INV=694.24 (NE)

INV=693.57

251340 EX SS CB RIM=706.83

16" CMP

251341 EX SS CB RIM=706.78 (NW) INV=705.78 (SW) INV=701.63 (NE)

251342 EX SS CB RIM=703.40 INV=699.28 (S)

251343 EX SS CB RIM=701.76 INV=697.66 (W) INV=697.66 (SE)

251344 EX SS CB RIM=701.14 INV=696.39 (SE)

251345 EX SS CB RIM=700.81

15" RCP

6" CMP

6" CMP

6" CMP

6" CMP

6" CMP

6" CMP

15" CMP

15" RCP

12" RCP

6" CMP

18" RCP

12" RCP

251346 EX SS CB RIM=700.73 INV=695.73 (W) INV=697.83 (SW) INV=694.98 (SW) INV=697.98 (SE)

251311 EX SS MH RIM=707.05 INV=697.00 (NW) INV=697.00 (NE)

251334 EX SS MH RIM=709.64 INV=707.54 (NW) INV=706.29 (S)

251328 EX SS CB RIM=708.53 INV=709.23 (NW) INV=705.23 (S)

3710+00

3715+00

3720+00

I115+00

I110+00

15" RCP

(2) 54" CULVERTS

INV=695.13

INV=693.90

INV=693.93

INV=694.28

INV=694.11

INV=696.27

INV=690.81

I–90_4
D.A. = 369.1 AC

251312 EX SS CB RIM=704.56 (E) INV=699.36 (E)

INV=698.63

12" CMP

INV=699.05

251314 EX SS MH RIM=707.40 INV=704.66

PERMANENT DRAINAGE EASEMENT (AS SHOWN IN RECORD DRAWINGS)

GROUND DATA OMITTED

GROUND DATA OMITTED

0 50' 100'

KEY PLAN

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

ELMHURST RD

IL 83 NAPERVILLE OAKTON ST

HIGGINS RD

TOUHY AVE

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	I 430+00	I 715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-JAE2.dgn

USER NAME = mantas

PLOT SCALE = 100'

PLOT DATE = 10/18/2012

DESIGNED	JOC / MA	REVISED -
DRAWN	PWN / MYG	REVISED -
CHECKED	CW	REVISED -
DATE	-	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

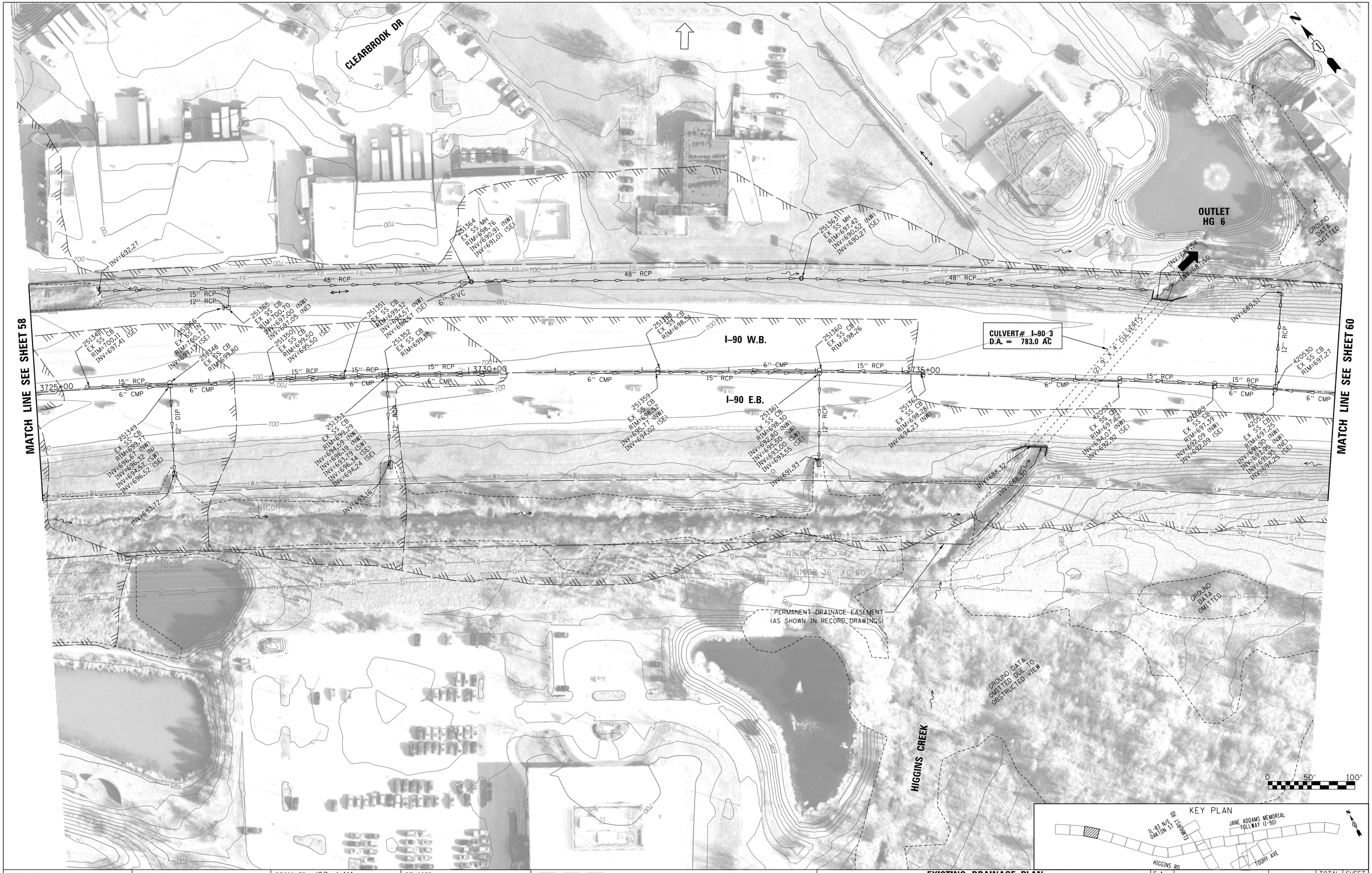
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	58
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE2.dgn



FILE NAME = DIEOWB-sht-ex-drain-JAE3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	59
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE3.dgn

MATCH LINE SEE SHEET 42

MATCH LINE SEE SHEET 44

S CEDAR GLEN DR

S EMBERS LN

BRIARWOOD DR W

CRISS CIR

GROUND DATA OMITTED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

OUTLET
HG 7

I–90 W.B.

I–90 E.B.

3740+00

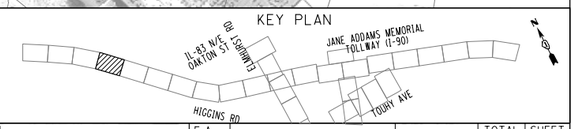
3745+00

3750+00

INV=692.18
15" CMP
6" CMP
EX SS CB
RIM=696.87
INV=692.38 (SE)
INV=693.34 (NW)
INV=692.34 (NE)
INV=694.34 (SE)
420533
420534
420535
420536
420537
420538
420539
420540
420541
420542
420543
420544
INV=691.70
INV=687.99
INV=686.16
INV=684.85
INV=684.58
INV=685.40
INV=686.50
INV=686.23
9' X 3' CULVERT
CULVERT# I–90 2
D.A. = 246.0 AC
36" X 54" ELLIP. RCP

0 50' 100'

KEY PLAN



Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE4.dgn

FILE NAME = DIEOWB-sht-ex-drain-JAE4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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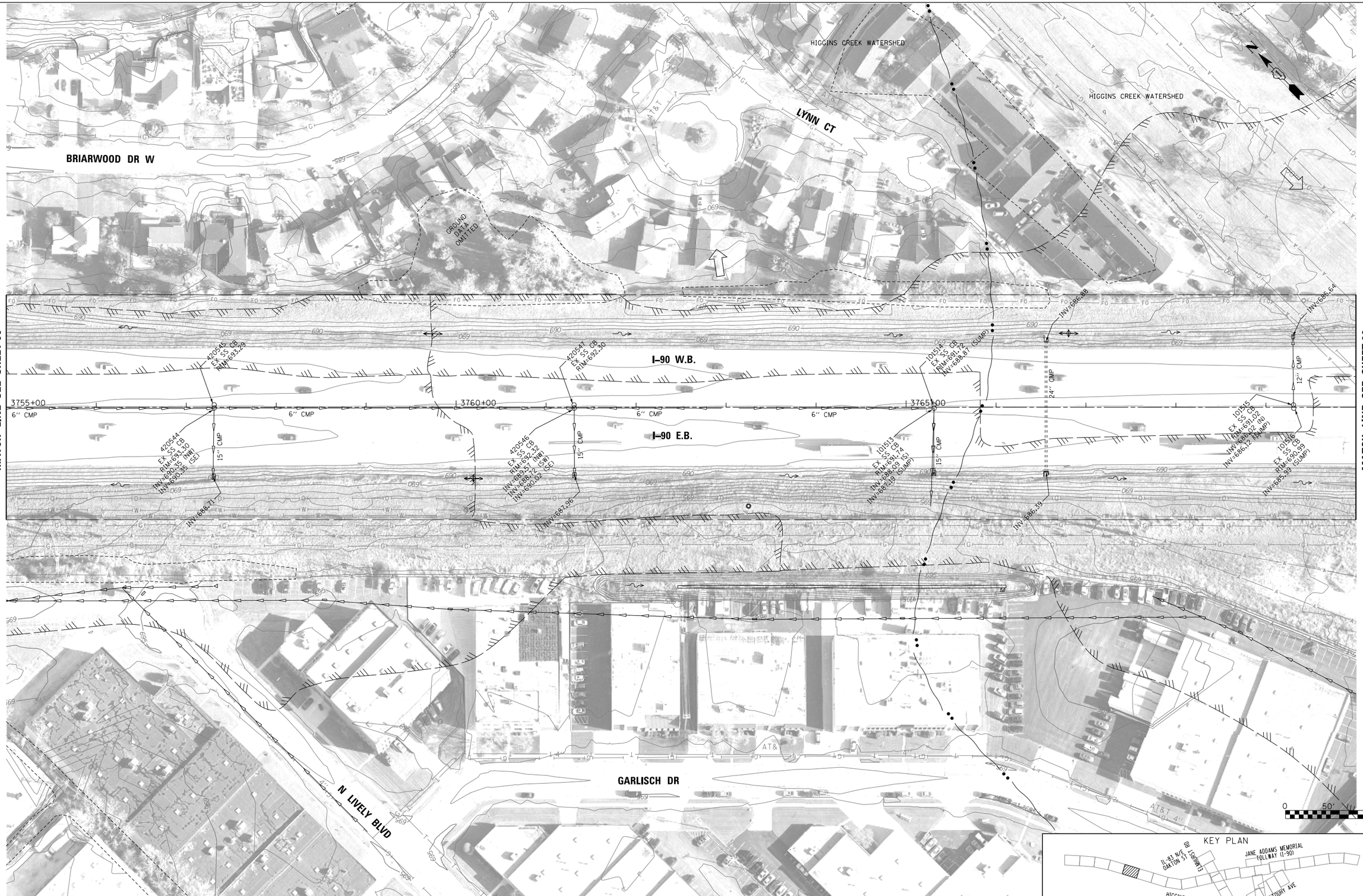
Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	60
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



MATCH LINE SEE SHEET 60

MATCH LINE SEE SHEET 62

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE5.dgn

FILE NAME = DIEOWB-sht-ex-drain-JAE5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	61
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MATCH LINE SEE SHEET 61

MATCH LINE SEE SHEET 63

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

I-90 W.B.

I-90 E.B.

3770+00

3775+00

3780+00

101518 EX. SS CB RIM=692.05 INV=686.45 (S) INV=686.85 (S)

101519 EX. SS CB RIM=693.20 INV=688.00 (SUMP)

101522 EX. SS CB RIM=694.65 INV=689.25 (SUMP)

101517 EX. SS CB RIM=692.03 INV=688.28 (SUMP) FULL OF DEBRIS

INV 684.866

15" CMP

101520 EX. SS CB RIM=693.22 INV=687.97 (S) INV=688.07 (SUMP)

15" CMP

101521 EX. SS CB RIM=694.69 INV=689.29 (S) INV=689.29 (SUMP)

15" CMP

INV 675.980

INV=682.28

INV=677.84

36" CMP

PAGNI DR

0 50' 100'

KEY PLAN

IL-83 N/S (HARLEM AVE) OAKTON ST

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

TOUHY AVE

HIGGINS RD

N

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE6.dgn

FILE NAME = DIEOWB-sht-ex-drain-JAE6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	62
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE SEE SHEET 62

MATCH LINE SEE SHEET 64

BUSSE RD/IL-83

W TERMINAL DR

10TH AVE

9TH AVE

9TH AVE

I-90 W.B.

I-90 E.B.

3785+00

3790+00

3795+00

CULVERT# I-90_7
D.A. = 10.8 AC

CULVERT# I-90_6
D.A. = 45.4 AC

2-36" PIPE CULVERTS
(SHOWN IN RECORD DRAWINGS)

TWIN 48" ESRCCP
(SHOWN IN RECORD DRAWINGS)

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

STRUCTURE NOT FOUND

MIDWAY CT

IL-83 SE OAKTON ST

36" MWRD SEWER

48" RCP

36" CMP

INV 673.418

KEY PLAN

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

IL-83 N/S OAKTON ST

ELMHURST RD

HIGGINS RD

TOUHY AVE

0 50' 100'

FILE NAME = DIEOWB-sht-ex-drain-JAE7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

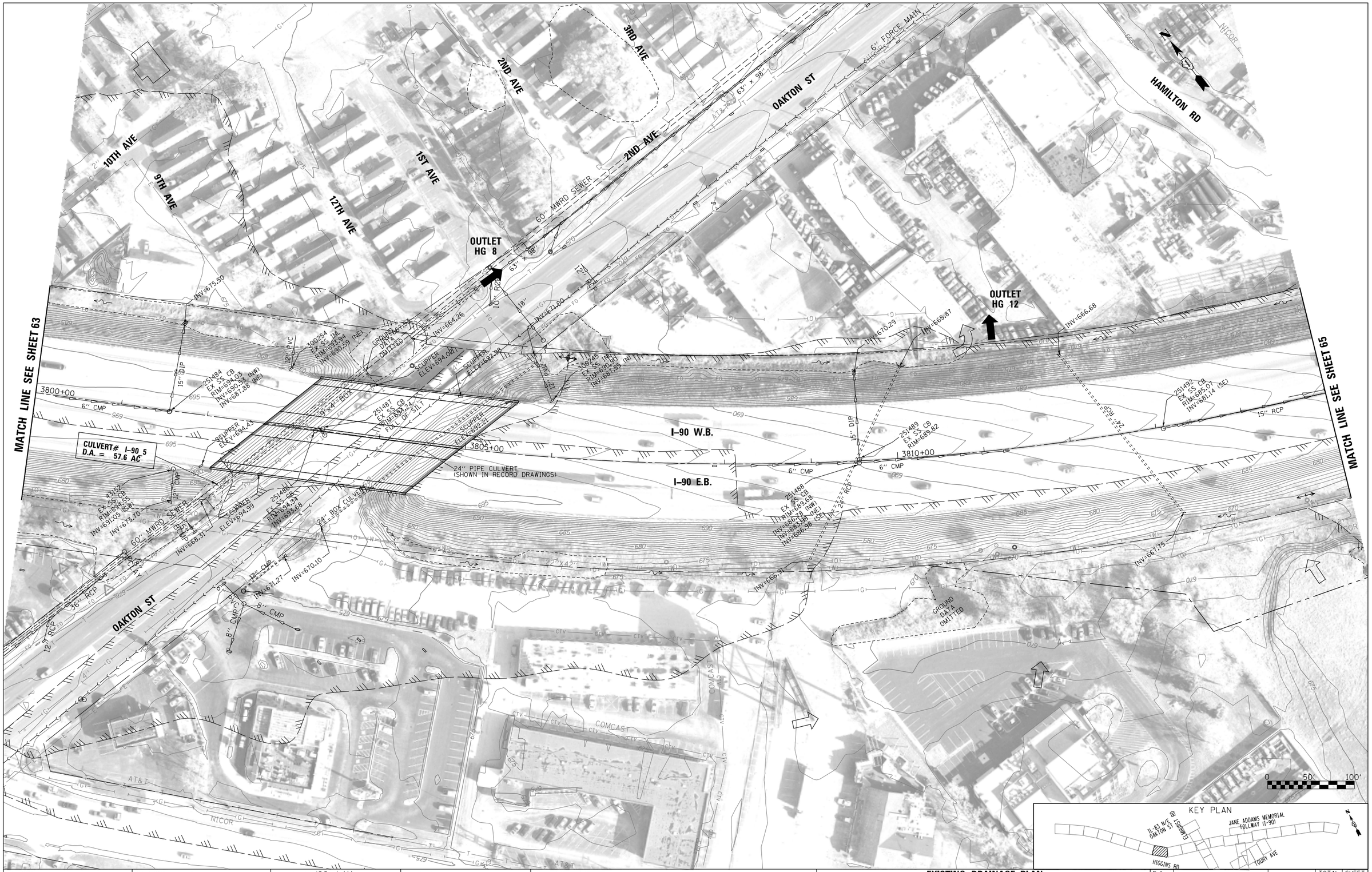
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	63
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE7.dgn



FILE NAME = DIEOWB-sht-ex-drain-JAE8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	
		DRAWN PWN / MYG	REVISED -	
	PLOT SCALE = 100'	CHECKED CW	REVISED -	
	PLOT DATE = 10/18/2012	DATE -	REVISED -	

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

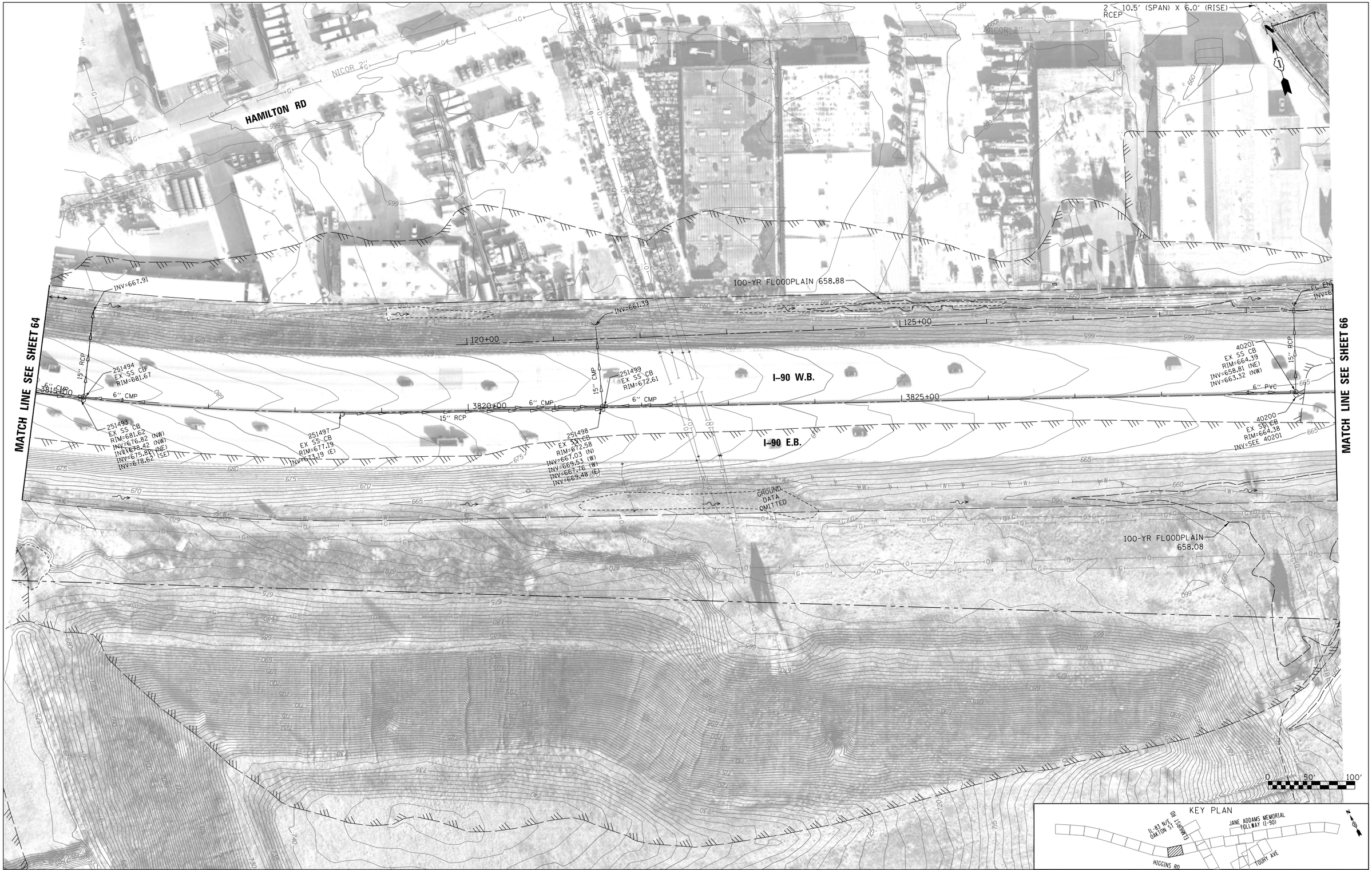
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	64
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE8.dgn



FILE NAME = DIEOWB-sht-ex-drain-JAE9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	65
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE9.dgn

MATCH LINE SEE SHEET 65

MATCH LINE SEE SHEET 67

100-YR FLOODPLAIN 657.75

FLOODWAY

HIGGINS CREEK

100-YR FLOODPLAIN 657.75

HIGGINS CREEK

OUTLET HG 9

OUTLET HG 10

LEAVES PROJECT LIMITS

10" RCP

40168 EX SS CB RIM=656.98 (N) INV=652.96 (W) INV=651.75

40167 EX SS CB RIM=657.42 INV=655.02 (E)

6" DIP

40166 EX SS CB RIM=657.27 INV=654.84 (W)

FL END SEC INV=653.35

FL END SEC INV=654.22

FL END SEC INV=654.46

FL END SEC INV=654.03

130+00

135+00

140+00

INV=653.55

INV=650.14

INV=650.18

15" RCP

40202 EX SS CB RIM=663.23 INV=657.43 (N)

40205 EX SS CB RIM=663.00 INV=657.30 (N)

40180 EX SS CB RIM=662.19 INV=657.84 (NW)

I-90 W.B.

3830+00

3835+00

3840+00

40176 EX SS CB RIM=662.40 INV=SEE 40175

6" PVC

12" RCP

12" RCP

40177 EX SS CB RIM=662.24 INV=656.79 (NE) INV=657.24 (NW) INV=656.99 (SE)

40203 EX SS CB RIM=663.18 INV=662.00 (W)

I-90 E.B.

40204 EX SS CB RIM=662.90 INV=661.27 (W)

40206 EX SS CB RIM=662.49 INV=657.36 (N)

40207 EX SS CB RIM=662.45 INV=660.09 (E) INV=659.42 (W)

40175 EX SS CB RIM=662.38 INV=659.31 (NW) INV=659.00 (SE)

40178 EX SS CB RIM=662.32 INV=SEE 40177

40179 EX SS CB RIM=662.22 INV=SEE 40180

SEE "I-90 OVER HIGGINS CREEK TRIBUTARY A" HYDRAULIC REPORT

21' X 6' CULVERTS

100-YR FLOODPLAIN 658.08

INV=650.37

INV=650.38

100-YR FLOODPLAIN 658.08

1235+00

1240+00

HIGGINS CREEK TRIBUTARY A

100-YR FLOODPLAIN 658.08

FLOODWAY

CUP O'HARE /TARP RESERVOIR

0 50' 100'

KEY PLAN

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEI0.dgn

FILE NAME = DIEOWB-sht-ex-drain-JAEI0.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	66
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

SEE SHEET 55

MATCH LINE SEE SHEET 66

MATCH LINE SEE SHEET 68

SEE SHEET 54

ELMHURST RD

RAMP

I–90 W.B.

I–90 E.B.

HIGGINS CREEK

FLOODWAY

100-YR FLOODPLAIN 652.79

100-YR FLOODPLAIN 658.08

100-YR FLOODPLAIN 658.64

17' (SPAN) X 9' (RISE) RCBC INV. 646.50

24" BCMP

12" CMP

15" RCP

12" RCP

6" CMP

6" PVC

24" PIPE CULVERT

PAVED DITCH

STRUCTURE NOT FOUND

40170 EX SS INL RIM=671.51 INV=667.51 (SW)

40172 EX SS INL RIM=662.27 INV=659.91 (SE)

40173 EX SS INL RIM=662.31 INV=659.99 (NW) INV=659.96 (SE)

40181 EX SS CB RIM=661.99 INV=SEE 40182

40182 EX SS CB RIM=662.04 INV=658.51 (SE) INV=656.41 (SW) INV=656.07 (SW)

40183 EX SS INL RIM=661.01 INV=657.42 (SE) INV=657.26 (NW) INV=657.21 (SE)

40184 EX SS INL RIM=661.96 INV=SEE 40183

40195 EX SS INL RIM=662.12 INV=660.05 (NW) INV=660.00 (SE)

40196 EX SS INL RIM=662.03 INV=659.82 (NW) INV=659.78 (SE)

40197 EX SS INL RIM=663.42 INV=661.07 (NW) INV=661.04 (SE)

40198 EX SS INL RIM=663.13 INV=660.68 (NW) INV=660.63 (SE)

40199 EX SS CB RIM=663.05 INV=660.69 (NW) INV=657.60 (SW)

40171 EX SS INL RIM=676.22 FULL OF WATER

40215 EX SS CB RIM=661.26 INV=656.09 (E) INV=657.84 (E) INV=656.02 (W)

40216 EX SS CB RIM=661.22 INV=654.09 (N)

40217 EX SS CB RIM=661.21 INV=658.11 (E) INV=658.23 (W)

40218 EX SS CB RIM=661.19 INV=656.51 (W)

40219 EX SS CB RIM=660.75 INV=655.62 (E) INV=657.60 (E) INV=657.55 (W) INV=654.75 (SW)

40220 EX SS CB RIM=660.75 INV=654.75 (S)

40221 EX SS CB RIM=660.75

40222 EX SS CB RIM=660.72 INV=656.25 (W)

40208 EX SS CB RIM=661.01 INV=657.96 (E) INV=657.21 (S)

40209 EX SS INL RIM=661.24 INV=658.22 (E) INV=658.24 (W)

40210 EX SS INL RIM=660.88 INV=658.32 (E) INV=658.28 (W)

40211 EX SS INL RIM=660.91 INV=658.55 (E) INV=658.51 (W) INV=658.51 (E) INV=652.72

40212 EX SS INL RIM=660.87 INV=658.60 (W)

INV=654.29

INV=654.40

INV=654.80

INV=658.54

INV=653.77

INV=653.98

INV=652.88

INV=652.01

INV=651.52

3845+00

3850+00

3855+00

145+00

150+00

155+00

250+00

355+00

445+00

450+00

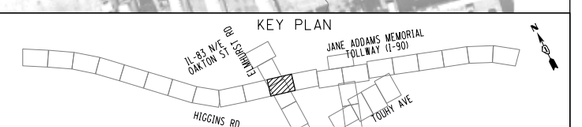
455+00

110+00

95+00

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-JAEII.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	67
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEII.dgn

MATCH LINE SEE SHEET 67

MATCH LINE SEE SHEET 69

100-YR FLOODPLAIN
652.79

FLOODWAY

HIGHGINS CREEK

SILL=655.41

460+00

465+00

470+00

INV=652.86

INV=652.56

15" PVC

40230
EX SS CB
RIM=660.27
INV=654.09 (N)

40235
EX SS CB
RIM=659.77
INV=654.05 (N)

I-90 W.B.

3860+00

3865+00

3870+00

6" CMP

40231
EX SS CB
RIM=660.38
INV=656.84 (E)
INV=657.32 (W)

40234
EX SS CB
RIM=659.78
INV=654.80 (W)
INV=657.59 (E)

I-90 E.B.

100-YR FLOODPLAIN
652.79

40236
EX SS CB
RIM=659.18
INV=656.02 (W)
INV=656.19 (E)

2 SPAN BRIDGE

40237
EX SS CB
RIM=659.34
INV=654.11 (S)

15" PVC

SEE "I-90 OVER HIGGINS CREEK" HYDRAULIC REPORT

40213
EX SS CB
RIM=660.87
INV=656.31 (S)

RAMP

10" CMP

160+00

INV=651.99

165+00

170+00

INV=651.91

SCUPPER
ELEV=659.40

SCUPPER
ELEV=659.34

SCUPPER
ELEV=659.25

SCUPPER
ELEV=659.22

40238
EX SS CB
RIM=659.67
INV=656.17 (S)

12" CMP

FL END SEC
INV=648.55

OUTLET
HG 11

360+00

100-YR FLOODPLAIN
653.52

100-YR FLOODPLAIN
653.52

F/F=655.24

F/F=656.06

F/F=655.55

F/F=653.02

0 50' 100'

KEY PLAN

ELMHURST RD
IL-83 NYE DANTON ST

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

HIGGINS RD

TOUHY AVE

FILE NAME = DIEOWB-sht-ex-drain-JAE12.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

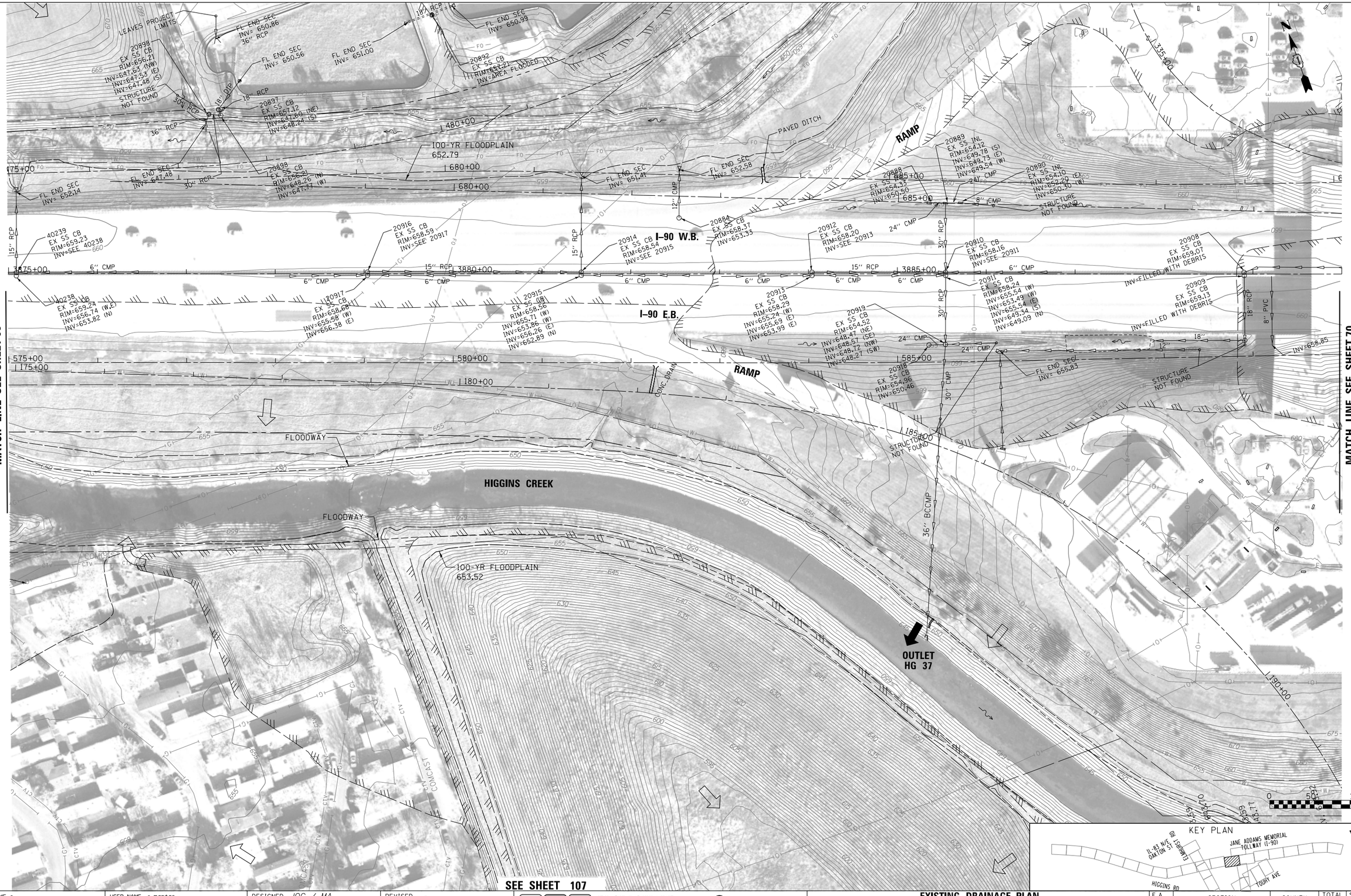
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	68
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE12.dgn



FILE NAME = DIEOWB-sht-ex-drain-JAE13.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	69
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER.TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE13.dgn

MATCH LINE SEE SHEET 69

MATCH LINE SEE SHEET 71

N

STRUCTURE NOT FOUND

4" VCP

30792
EX SAN MH
RIM=656.36
(SUMP)
INV=650.67

30791
EX SS CB
RIM=654.90
INV=650.72 (N)
INV=650.00 (E)
INV=647.50 (SUMP)

12" RCP

PROSPECT RD

20670
EX SS MH
RIM=655.87
INV=651.15 (W)
INV=651.07 (E)

20669
EX SS CB
RIM=656.18
INV=652.57 (E)
4" REST. W/

INV=652.03

12" CMP

20729
EX SS CB
RIM=658.74
INV=FULL OF WATER

20906
EX SS CB
RIM=660.67
INV=FULL OF DEBRIS

20907
EX SS CB
RIM=660.62
INV=FULL OF DEBRIS

FT. END SEC
INV= 656.43

RAMP

20721
EX SS INL
RIM=666.09
INV=662.49 (N)
INV=662.45 (E)

INV=660.82

BCCMP

CONC DRAIN

I–90 W.B.

20904
EX SS CB
RIM=667.72
INV=SEE 20905

I–90 E.B.

20905
EX SS CB
RIM=667.80 (W,E)
INV=665.05 (W,E)
INV=663.17 (S)
INV=663.30 (S)

6" CMP

15" PVC

15" RCP

20656
EX SS MH
RIM=674.19
INV=SEE 20656

20653
EX SS INL
RIM=675.81
INV=674.31

20655
EX SS CB
RIM=674.24
INV=671.69 (E)
INV=671.89 (W)
INV=674.24 (W)

15" BCCMP

31150
EX SS CB
RIM=666.46
INV=661.24

STRUCTURE NOT FOUND

31151
EX SS CB
RIM=664.67
INV=662.42 (N)
INV=662.07 (S)

INV=649.04

INV=646.81
INV=648.20

RAMP

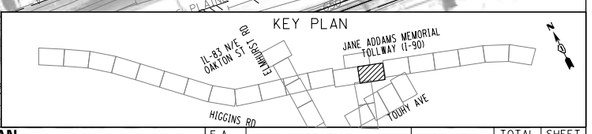
48" RCP

48" RCP

3890+00
590+00
595+00
3895+00
420+00
690+00
340+00
345+00
350+00
3900+00
600+00
225+00
220+00
415+00
215+00

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-JAEI4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	70
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEI4.dgn

MATCH LINE SEE SHEET 70

MATCH LINE SEE SHEET 72

S MT PROSPECT RD

CLEARWATER DR

I–90 W.B.

I–90 E.B.

UNION PACIFIC R.R.

OUTLET
HG 26

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

LEGEND:

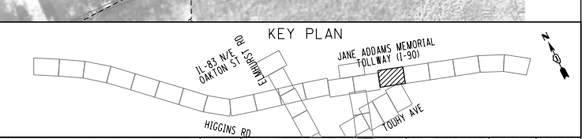
BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-JAEI5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD	SHEET NO.	OF	SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	71
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEI5.dgn

MATCH LINE SEE SHEET 71

MATCH LINE SEE SHEET 73

JARVIS AVE

I–90 W.B.

I–90 E.B.

3920+00

3925+00

3930+00

6" CMP

12" CMP

15" CMP

FL END SEC INV=649.02

FL END SEC INV=649.60

INV=647.26

INV=651.45

STRUCTURE NOT FOUND

20668 EX SS CB RIM=681.89 INV=SEE 20667

20667 EX SS CB RIM=681.89 INV=679.29 (W) INV=678.79 (E) INV=677.14 (S)

200058 SCUPPER=682.97

200057 SCUPPER=682.96

200056 SCUPPER=682.87

200055 SCUPPER=682.68

200054 SCUPPER=682.40

200053 EX SS IN RIM=681.74 INV=678.94 (N)

200052 SCUPPER=682.18

200051 SCUPPER=682.51

200046 SCUPPER=682.51

200045 EX SS IN RIM=679.56

200044 EX SS IN RIM=679.57 INV=677.16 (W) INV=674.85 (S) INV=676.81 (E)

200005 SCUPPER=682.91

200003 SCUPPER=682.40

200001 SCUPPER=682.37

200000 EX SS INL RIM=681.65 INV=678.05

1023 EX SS INL RIM=681.65 INV=676.09

200004 SCUPPER=682.85

200002 SCUPPER=682.53

OUTLET HG 15

GROUND DATA OMITTED

UNION PACIFIC

0 50' 100'

KEY PLAN

ELMHURST RD

IL-83 N/S OAKTON ST

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

HIGGINS RD

TOUHY AVE

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEI6.dgn

FILE NAME = DIEOWB-sht-ex-drain-JAEI6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	72
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYCAD\Sheets\DIEOWB-sht-ex-drain-JAEI7.dgn

FILE NAME = DIEOWB-sht-ex-drain-JAEI7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

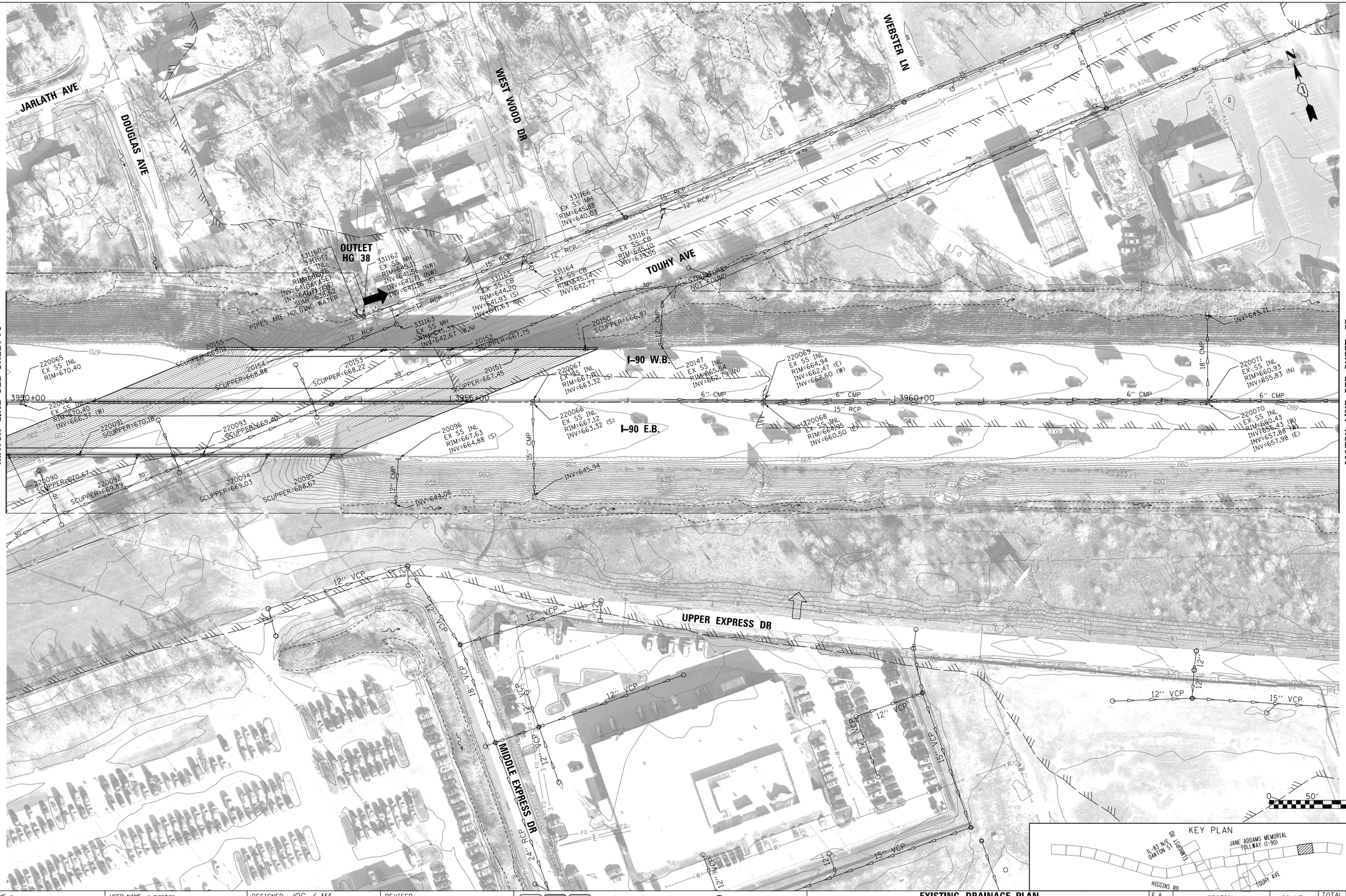
Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED / HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	73
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-JAEI8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	74
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAEI8.dgn

PROJECT LIMIT

OUTLET HG 28

OUTLET HG 29

MATCH LINE SEE SHEET 74

MATCH LINE SEE SHEET 75

I–90 W.B.

I–90 E.B.

UPPER EXPRESS DR

CONC. DRAIN

CONC. DRAIN

CONC. DRAIN

INV=639.67

INV=639.85

3965+00

3970+00

3975+00

220074 SLOT DRAIN=659.08

220073 EX SS INL RIM=656.17 INV=654.67 (E) INV=654.41 (W)

220072 EX SS INL RIM=655.71 INV=651.36 (E) INV=653.41 (E) INV=653.16 (W)

220075 EX SS INL RIM=654.06 INV=649.76 (N) INV=652.36 (E) INV=651.92 (W)

220076 EX SS INL RIM=653.81 INV=649.84 (E) INV=651.46 (E) INV=651.31

220077 EX SS INL RIM=650.91 INV=649.25 (E) INV=649.19 (W)

220078 EX SS INL RIM=650.76 INV=646.21 (E) INV=648.01 (E) INV=648.16 (W)

220079 EX SS INL RIM=649.16 INV=644.01 (N) INV=647.46 (E) INV=647.05 (W)

220080 EX SS INL RIM=649.13 INV=645.03 (E) INV=646.37 (E) INV=646.46 (W)

220081 EX SS INL RIM=647.64 INV=646.03 (E) INV=645.64 (W)

220082 EX SS INL RIM=647.17 INV(15")=642.63 (E) INV=644.74 (E) INV=644.44 (W)

6" CMP

15" CMP

15" RCP

18" RCP

12" VCP

15" VCP

18" VCP

30" RCP

0 50' 100'

KEY PLAN

EDWARDS RD
OAKTON ST
JANE ADDAMS MEMORIAL TOLLWAY (I-90)
TOUHY AVE
HIGGINS RD

FILE NAME = DIEOWB-sht-ex-drain-JAE19.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I–90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	75
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE19.dgn

MATCH LINE SEE SHEET 75

LUNT ST

RAMP

2 - 66" RCP

100-YR FLOODPLAIN
639.00

2 x 64" PIPE CULV.

CONC. DRAIN

I-90 W.B.

I-90 E.B.

PROJECT LIMIT

3980+00

3985+00

3990+00

15" RCP

15" BCCMP

IL-72 WLEE ST

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

UPPER EXPRESS DR

RAMP

RAMP

24" BCCMP

18" BCCMP

0 50' 100'

KEY PLAN

IL-83 N/S DIXIE HWY
DAYTON ST
ELMHURST RD
JANE ADDAMS MEMORIAL TOLLWAY (I-90)
HIGGINS RD
TOUHY AVE

FILE NAME = DIEOWB-sht-ex-drain-JAE20.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

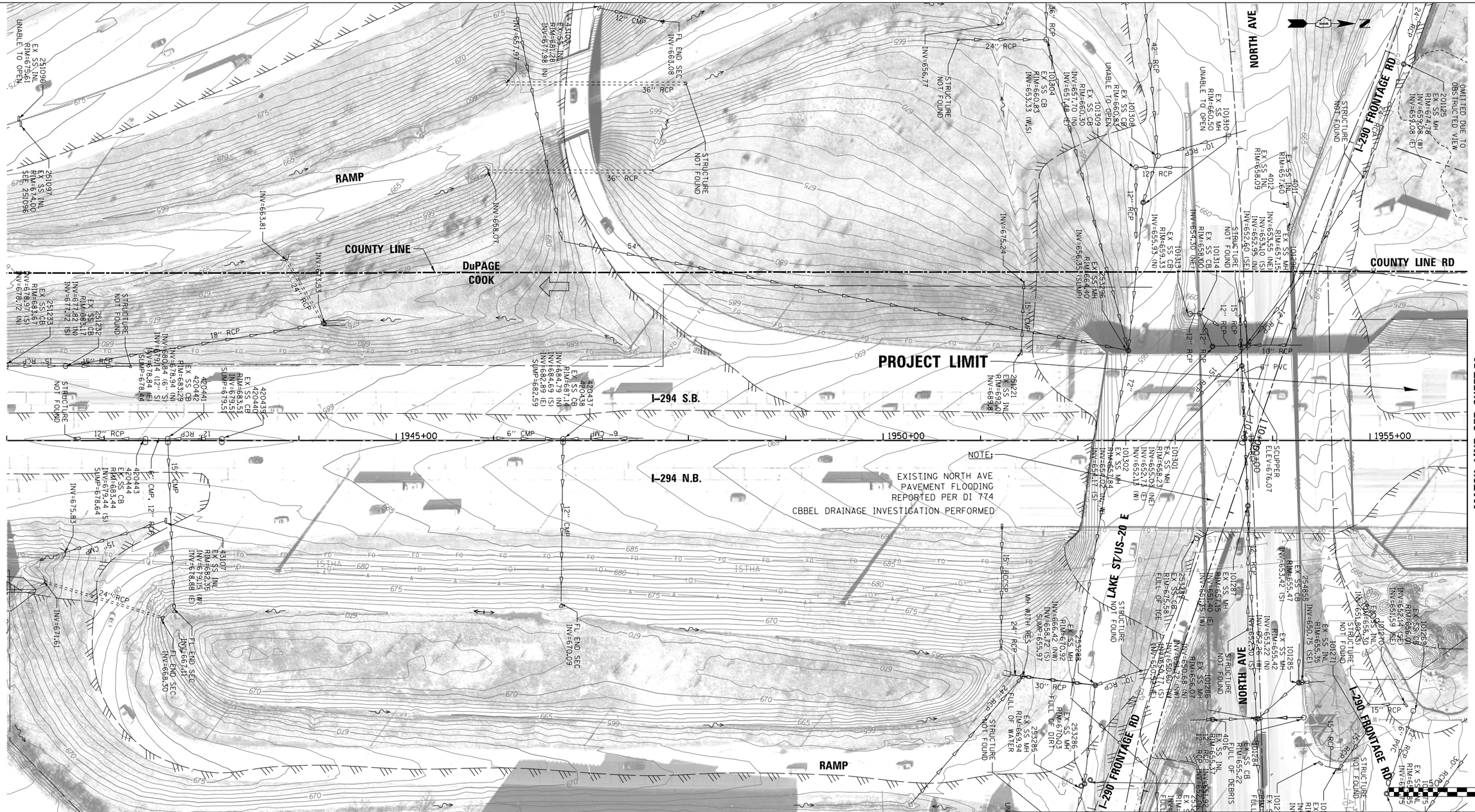
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	76
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-JAE20.dgn



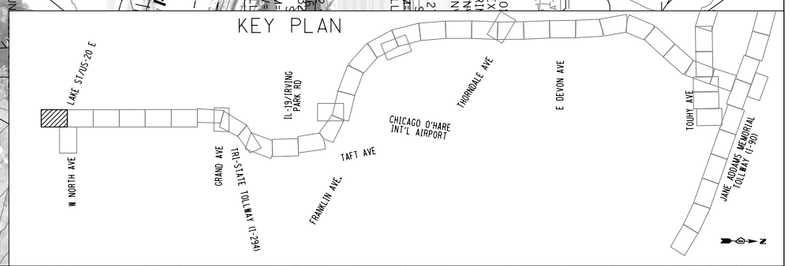
LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-TRI2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	ELGIN O'HARE WEST BYPASS communities. opportunities. solutions.	Illinois Department of Transportation
		DRAWN PWN / MYG	REVISED -		CHRISTOPHER B. BURKE ENGINEERING, LTD.
	PLOT SCALE = 100'	CHECKED CW	REVISED -		
	PLOT DATE = 10/18/2012	DATE -	REVISED -		

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
TRI-STATE TOLLWAY (I-294)

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	77
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI2.dgn

MATCH LINE SEE SHEET 77

MATCH LINE SEE SHEET 79

ARLINGTON CEMETERY

ARLINGTON CEMETERY

COUNTY LINE

DuPAGE
COOK

COUNTY LINE RD

NORTHWEST AVE

NORTHWEST AVE

I–294 S.B.

I–294 N.B.

OUTLET
AD 11

STRUCTURE NOT FOUND

EX SS CB RIM=671.42 FULL OF ICE

EX SS CB RIM=674.90

EX SS MH RIM=674.25

EX SS CB RIM=667.16

EX SS CB RIM=665.72

EX SS CB RIM=665.54

EX SS CB RIM=667.68

EX SS MH RIM=670.79

EX SS MH RIM=667.34

EX SS MH RIM=656.85

EX SS MH RIM=655.25

EX SS MH RIM=654.68

EX SS MH RIM=667.13

EX SS MH RIM=668.07

EX SS MH RIM=674.86

EX SS MH RIM=679.66

EX SS CB RIM=696.78

EX SS CB RIM=691.62

EX SS CB RIM=684.40

EX SS CB RIM=688.20

EX SS CB RIM=660.57

EX SS CB RIM=667.50

EX SS CB RIM=691.12

EX SS INL RIM=661.37

EX SS INL RIM=662.39

EX SS INL RIM=656.10

EX SS INL RIM=655.07

EX SS INL RIM=655.38

EX SS VAULT RIM=667.34 BOTTOM=657.34

EX SS VAULT RIM=660.21 BOTTOM=656.04

CONC. VAULT

8' WIDE X 3' HIGH CONCRETE BOX

UNABLE TO OPEN

NO PIPES VISIBLE

GROUND DATA

OMIT

27" RCP

12" RCP

36" RCP

18" BCCSP

15" CMP

12" CMP

6" CMP

2-42" CMP

12" DIP

15" PVC

8" PVC

6" PVC

4" PVC

48" RCP

15+00

20+00

25+00

30+00

45+00

50+00

55+00

60+00

65+00

70+00

0 50' 100'

KEY PLAN

LAKE ST/US-20 E

W NORTH AVE

IL-19/IRVING PARK RD

GRAND AVE

TRI-STATE TOLLWAY (I-294)

FRANKLIN AVE

TAFT AVE

CHICAGO O'HARE INT'L AIRPORT

THORNDALE AVE

NORTHWEST HWY

TOUHY AVE

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

N

FILE NAME = DIEOWB-sht-ex-drain-TRI3.dgn

USER NAME = mantas

PLOT SCALE = 100'

PLOT DATE = 10/18/2012

DESIGNED JOC / MA

DRAWN PWN / MYG

CHECKED CW

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
TRI–STATE TOLLWAY (I–294)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	78
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI3.dgn

MATCH LINE SEE SHEET 78

MATCH LINE SEE SHEET 80

ARLINGTON CEMETERY RESERVOIR

FLOODPLAIN

COUNTY LINE

DuPAGE
COOK

COUNTY LINE RD

NORTHWEST AVE

I–294 S.B.

I–294 N.B.

CULVERT I–294 2
D.A. = 383.0 AC

OUTLET
AD 3

9.7'x6.3' RCBC

9'x6' BOX CULVERT

12' x 4' BOX CULVERT

84" LARGE PIPE

LARGE TROUGH, UNKNOWN PIPE SIZE

30+00 | 35+00 | 40+00 | 1995+00 | 2000+00 | 60+00 | 65+00 | 70+00

0 50' 100'

KEY PLAN

LAKE ST/US-20 E
W NORTH AVE
IL-19/IRVING PARK RD
TRI-STATE TOLLWAY (I-294)
FRANKLIN AVE
TAFT AVE
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-TRI4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
TRI–STATE TOLLWAY (I–294)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	79
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI4.dgn

MATCH LINE SEE SHEET 79

MATCH LINE SEE SHEET 81

ADDISON CREEK WATERSHED

ADDISON CREEK WATERSHED

FLOODPLAIN

COUNTY LINE RD

COUNTY LINE

DuPAGE

COOK

I-294 S.B.

I-294 N.B.

NORTHWEST AVE

ISTHA

84" LARGE PIPE

84" LARGE PIPE

LEAVES PROJECT LIMITS

LARGE TROUGH, UNKNOWN PIPE SIZE

STRUCTURE NOT FOUND

29"x45" RCHEP

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED

0 50' 100'

KEY PLAN

LAKE STREET E

IL-19/IRVING PARK RD

THORNDALE AVE

ELMHURST RD

TOUHY AVE

NORTH AVE

MANNHEIM RD

TRI-STATE TOLLWAY (I-294)

TAFT AVE

FRANKLIN AVE.

CHICAGO O'HARE INT'L AIRPORT

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-TRI5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
TRI-STATE TOLLWAY (I-294)

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	80
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI5.dgn

MATCH LINE SEE SHEET 80

MATCH LINE SEE SHEET 82

FLOODPLAIN

COUNTY LINE RD

DuPAGE
COOK

COUNTY LINE

RESTRICTOR SHOWN AS BUILT'S

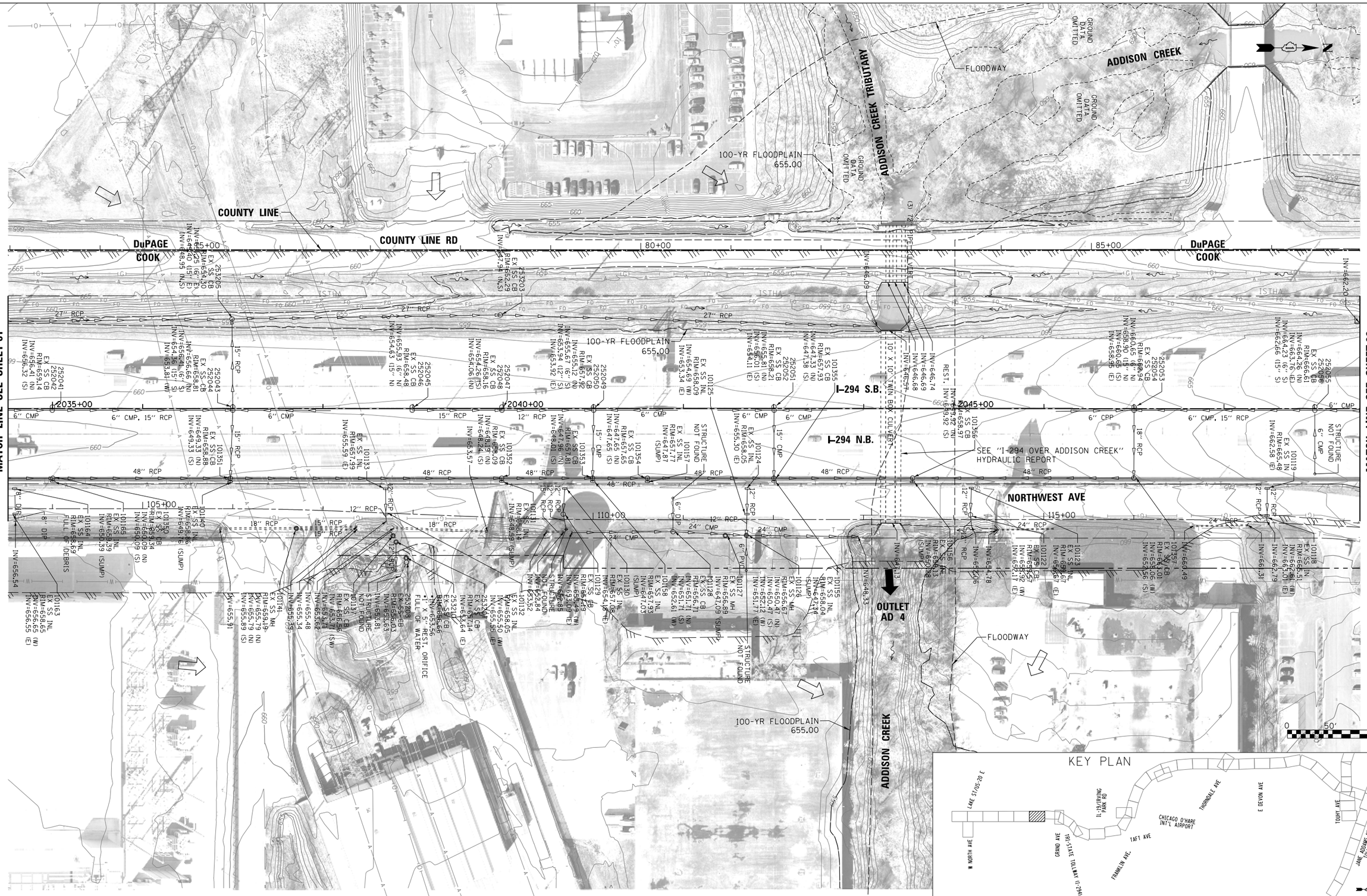
STRUCTURE NOT FOUND

I–294 S.B.

I–294 N.B.

NORTHWEST AVE

60+00 | 65+00 | 70+00 | 75+00 | 80+00 | 85+00 | 90+00 | 95+00 | 100+00 | 105+00 | 110+00 | 115+00 | 120+00 | 125+00 | 130+00 | 135+00 | 140+00 | 145+00 | 150+00 | 155+00 |



FILE NAME = DIEOWB-sht-ex-drain-TRI7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

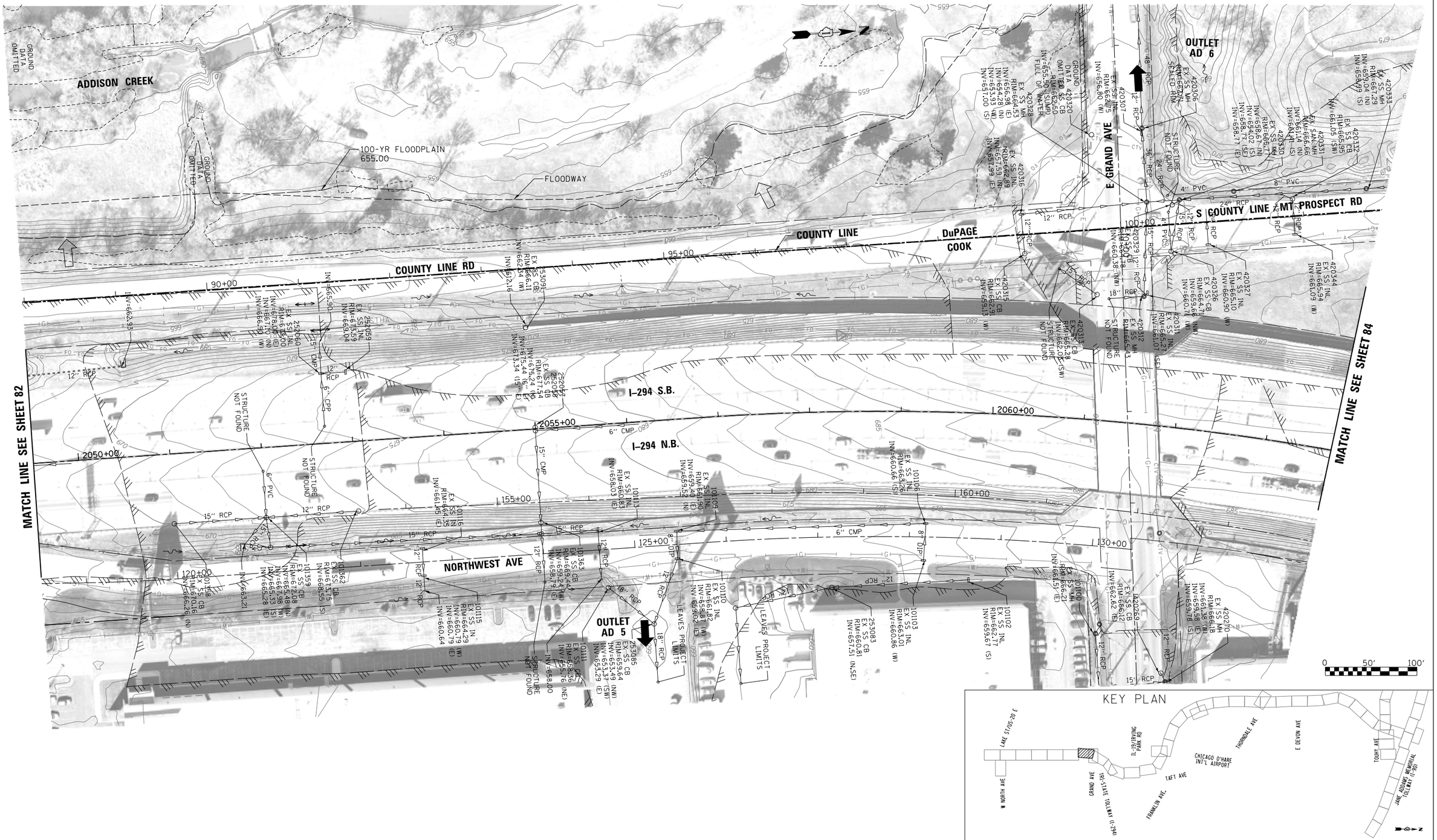
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
TRI-STATE TOLLWAY (I-294)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	82
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI7.dgn



KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-TRIB.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	ELGIN O'HARE WEST BYPASS communities. opportunities. solutions.	Illinois Department of Transportation
		DRAWN PWN / MYG	REVISED -		
	PLOT SCALE = 100'	CHECKED CW	REVISED -		CHRISTOPHER B. BURKE ENGINEERING, LTD.
	PLOT DATE = 10/18/2012	DATE -	REVISED -		

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
TRI-STATE TOLLWAY (I-294)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	83
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRIB.dgn

FILE NAME = DIEOWB-sht-ex-drain-TRI9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED / SILVER CREEK WATERSHED
TRI-STATE TOLLWAY (I-294)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	84
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI9.dgn

FILE NAME = DIEOWB-sht-ex-drain-TRI10.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
TRI–STATE TOLLWAY (I–294)

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	85
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-TRI10.dgn

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW		DITCH SUMMIT	
OUTLET		LOCAL STORM SEWER	
SHEET FLOW		STORM SEWER	
CHANNEL		SANITARY SEWER	
CULVERT SIZE - TYPE	2 X 2 BOX	FLARED END SECTION	
BRIDGE LOCATION - BRIDGE NO.		CATCH BASIN	
COUNTY LINE		HEADWALL/ENDWALL	
		INLET / INLET BOX	
		MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-WBYI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	86
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYI.dgn

UNION PACIFIC R.R

UNION PACIFIC R.R.

CANADIAN PACIFIC R.R.

GROUND DATA OMITTED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED

100+00 105+00 110+00

320+00 325+00 330+00

POWELL ST

ADDISON AVE

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

NO PIPES VISIBLE

EX SAN MH RIM=649.33 PROPOSED PIPE DATA OF=644.08

EX SS CB RIM=647.99 INV=644.89 (E) 100722

EX SS MH RIM=649.16 INV=644.22 (E) 100714

EX SAN MH RIM=648.73 INV=643.48 (W) INV=643.43 (E) 100715

EX SS CB RIM=647.99 INV=644.89 100724

EX SS MH RIM=648.00 SEALED LID 100725

EX SS MH RIM=647.99 INV=644.75 (W) INV=644.65 (E) 100708

EX SS MH RIM=648.45 INV=643.77 (N) INV=643.27 (W) INV=643.17 (E) 100721

EX SS MH RIM=648.51 INV=642.57 (W) INV=642.52 (E) 100710

EX SS CB RIM=647.79 INV=644.14 100712

EX SS INL RIM=647.87 INV=643.22 100711

EX SS MH RIM=648.51 INV=641.81 (N) INV=641.76 (W) INV=641.61 (E) 100717

EX SAN MH RIM=648.34 INV=643.44 (N) INV=643.44 (W) INV=643.34 (E) 100716

EX SS CB RIM=647.83 DOWNWARD FACING PIPE TOP=645.33 100726

EX SAN MH RIM=648.90 INV=644.40 100718

STM MH 182 RIM=648.35 INV E 30" RCP INV W 30" RCP

EX SS MH RIM=647.99 INV=648.88 (N) INV=648.44 (E) 100728

EX SS INL RIM=652.78 INV=648.42 (W) 100727

EX SAN MH RIM=653.63 INV=650.43 (E,W) 100740

EX SS MH RIM=650.28 INV=650.08 (S) 100733

EX SS CB RIM=650.59 INV=646.64 (E,W) SUMP=644.29 100735

EX SS MH RIM=652.47 INV=647.49 (S) INV=647.63 (E) 100731

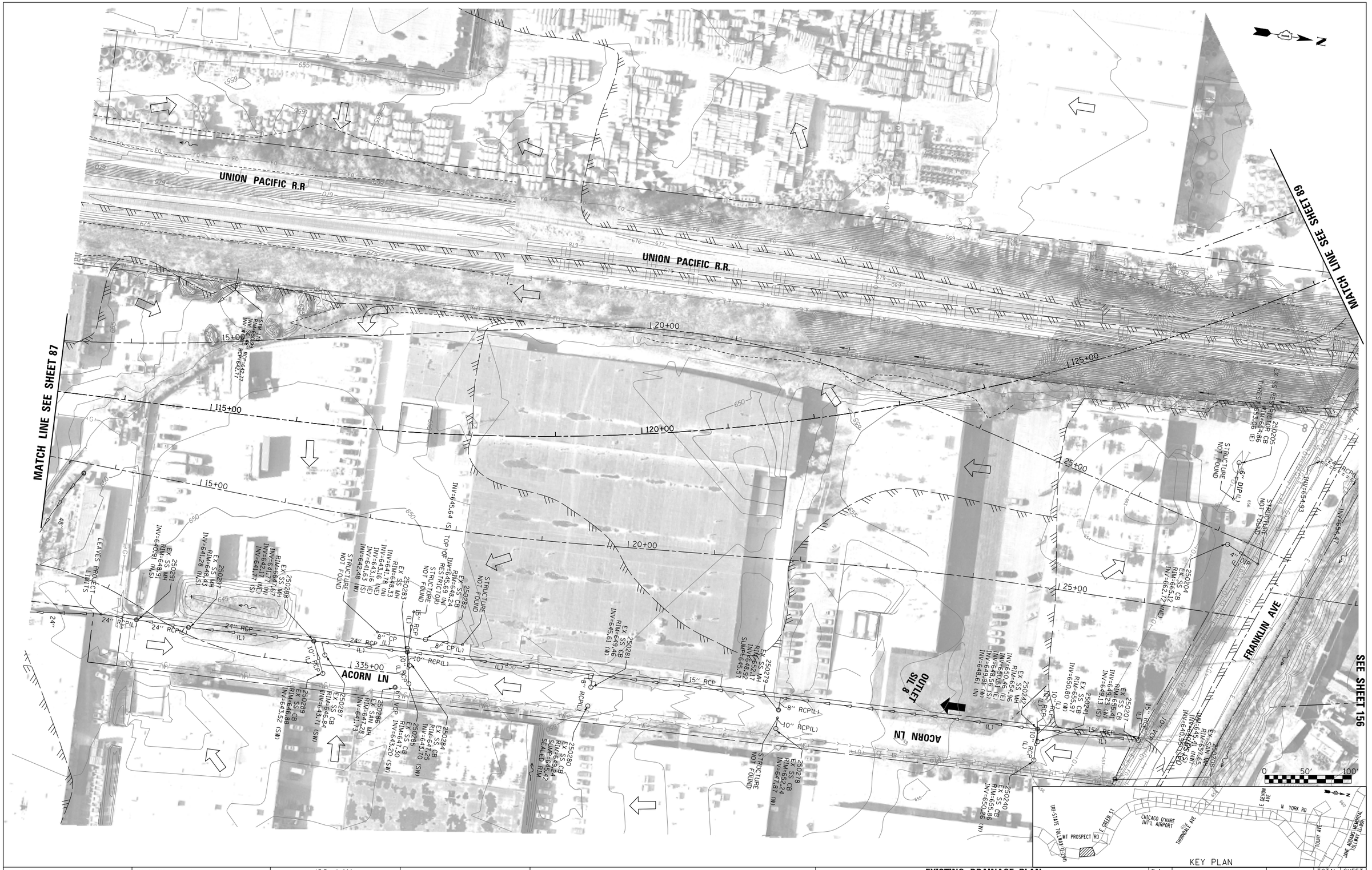
EX SS MH RIM=652.28 INV=647.52 (W,N,S) 100730

18" RCP (L) 18" RCP (L) 18" RCP 18" RCP

8" PVC (L) 8" PVC 8" PVC 6" PVC

15" RCP (L) 15" RCP (L) 24" RCP (L) 24" RCP (L) 15" RCP (L) 15" RCP (L) 24" RCP 24" RCP

8" CLAY 8" CLAY 8" CLAY



FILE NAME = DIEOWB-sht-ex-drain-WBY3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	88
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER.TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-WBY3.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBY4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	89
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY4.dgn

SEE SHEET 164

MATCH LINE SEE SHEET 89

MATCH LINE SEE SHEET 91

E GREEN ST

E GREEN ST

COUNTY LINE

DuPAGE
COOK

CANADIAN PACIFIC R.R.

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

GROUNDSCOPE LOCATION OUTSIDE LIMITS

0 50' 100'

KEY PLAN
TRI-STATE TOLLWAY (I-294)
MT PROSPECT RD
E GREEN ST
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
N YORK RD
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYS.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBYS.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED / ADDISON CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	90
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = DIEOWB-sht-ex-drain-WBY6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	91
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY6.dgn

EVERGREEN ST

E GREEN ST

150+00

155+00

160+00

165+00

170+00

175+00

180+00

185+00

190+00

195+00

200+00

MATCH LINE SEE SHEET 91

MATCH LINE SEE SHEET 93

CANADIAN PACIFIC R.R.

CANADIAN PACIFIC R.R.

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

0 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)

MT PROSPECT RD

E GREEN ST

CHICAGO O'HARE INT'L AIRPORT

THORNDALE AVE

E DEVON AVE

N YORK RD

IRVING PARK RD

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBY7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	92
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY7.dgn

ADDISON CREEK WATERSHED

BENSENVILLE DITCH WATERSHED

CANADIAN PACIFIC R.R.

CANADIAN PACIFIC R.R.

24" CSP

24" CSP

24" CSP

54" RCP

MATCH LINE SEE SHEET 92

MATCH LINE SEE SHEET 94

BRETMAN AVE

E ROOSEVELT AVE

DIERKS ST

90+00

95+00

100+00

190+00

195+00

200+00

210+00

40+00

135+00

140+00

145+00

150+00

425+00

0' 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)

MT PROSPECT RD

E GREEN ST

CHICAGO O'HARE INT'L AIRPORT

THORNDALE AVE

E DEVON AVE

N YORK RD

TOUHY AVE

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBY8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED / BENSENVILLE DITCH WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	93
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY8.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBY9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	94
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY9.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBY10.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	95
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-WBY10.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBYII.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	96
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYII.dgn

SEE SHEET 43, 44

BENSENVILLE DITCH WATERSHED

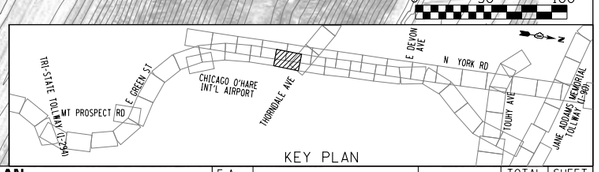
N YORK RD

WILLOW CREEK WATERSHED

UNION PACIFIC R.R.

MATCH LINE SEE SHEET 98

MATCH LINE SEE SHEET 98



KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-WBY12.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
BENSENVILLE DITCH WATERSHED / WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	97
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY12.dgn

SEE SHEET 44, 45

CANADIAN PACIFIC R.R.

UNION PACIFIC R.R.

MATCH LINE SEE SHEET 97

MATCH LINE SEE SHEET 99

240+00
245+00
250+00
255+00
260+00
265+00
270+00
275+00
280+00
285+00
290+00
295+00
300+00
305+00
310+00
315+00
525+00
530+00
535+00
540+00
615+00
620+00
625+00
705+00
710+00
715+00
815+00
820+00
825+00
830+00

INV = 660.54

INV F 660.50

INV = 660.27

0 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)
MT PROSPECT RD
E GOLF RD
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
N YORK RD
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBYI3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	98
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYI3.dgn

SEE SHEET 45, 46

N YORK RD

CANADIAN PACIFIC R.R.

UNION PACIFIC R.R.

100-YR FLOODPLAIN
655.59

INV = 649.33

12' X 8' RCBC

INLET
INV = 656.42

FES
INV = 654.89

INV = 648.85

INV 658.33
INV = 659.17

160+00
165+00
170+00
515+00
630+00
140+00
720+00
725+00
280+00
285+00
290+00
WILLOW CREEK REALIGNED BY OTHERS
845+00
840+00
835+00
405+00
130+00
145+00
1300+00
1570+00

MATCH LINE SEE SHEET 98

MATCH LINE SEE SHEET 100

0 50' 100'

KEY PLAN
TRI-STATE TOLLWAY (I-294)
MT PROSPECT RD
E GREEN ST
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
N YORK RD
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBY14.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	99
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY14.dgn

SEE SHEET 46, 47

N YORK RD

MATCH LINE SEE SHEET 99

MATCH LINE SEE SHEET 101

TRAPEZOIDAL BRIDGE
37.66' TOP WIDTH
6'' BOTTOM WIDTH

TRAPEZOIDAL BRIDGE
47.5' TOP WIDTH
6' BOTTOM WIDTH

TRAPEZOIDAL BRIDGE
38.5' TOP WIDTH
10' BOTTOM WIDTH

290+00

300+00

OUTLET
WL 12

OUTLET
WL 13

OUTLET
WL 14

INV = 648.60

INV = 649.14

INV = 659.51

INV = 659.63

100-YR FLOODPLAIN
655.59

12' X 8' RCBC

CANADIAN PACIFIC R.R.

UNION PACIFIC R.R.

INV = 648.00

175+00

180+00

WILLOW CREEK REALIGNED BY OTHERS

295+00

300+00

305+00

850+00

855+00

415+00

420+00

410+00

15+00

72'' CMP

WILLOW CREEK

7565+00

7560+00

0 50 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)

MT PROSPECT RD

E DEVON AVE

N YORK RD

CHICAGO O'HARE INT'L AIRPORT

THORNDALE AVE

TOUHY AVE

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBY15.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	100
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYV\CAD\Sheets\DIEOWB-sht-ex-drain-WBY15.dgn

SEE SHEET 47, 48

MATCH LINE SEE SHEET 100

MATCH LINE SEE SHEET 102

N YORK RD

UNION PACIFIC R.R.

24" RCP CULVERT
INV = 659.73

24" RCP CULVERT
INV = 661.02

INV = 659.31

INV = 659.23

305+00

310+00

315+00

320+00

325

0 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)
MT PROSPECT RD
E GREEN ST
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E OLSON AVE
N YORK RD
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBYI6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	101
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYI6.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBYI7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	102
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYI7.dgn

SEE SHEET 49, 50

MATCH LINE SEE SHEET 102

MATCH LINE SEE SHEET 104

ELMHURST RD

CENTRAL ILLINOIS R.R.

UNION PACIFIC R.R.

340+00

335+00

345+00

250+00

350+00

255+00

150+00

145+00

365+00

155+00

2025 SS MH
RIM=672.20
INV=662.70
CAN'T SEE BOTTOM
SUMP=658.20

EX SS CB
RIM=672.29
INV=663.01

EX SS CB
RIM=672.35
INV=663.25

EX SS MH
RIM=672.24
INV=668.54 (S)

EX SS CB
RIM=671.96
INV=666.95

EX SS CB
RIM=672.15
INV=665.66 (NE)
INV=665.66 (W)

2012 SS CB
RIM=671.65
INV=668.80

2008 EX. SS. INL
INV=667.72

2009 SS CB
RIM=671.74
INV=664.74

2016 SS MH
RIM=671.86
SKULL OF DEBRIS

2015 MH
RIM=672.07 (S)
INV=665.87 (W)

2017 SS CB
RIM=672.20
INV=668.10

2018 SS CB
RIM=672.14
INV=668.26 (W)
INV=668.03 (S)

2019 SS CB
RIM=672.06
INV=668.96

2024 SS CB
RIM=672.46
INV=668.51

2023 SS MH
RIM=672.19
INV=664.96

STRUCTURE NOT FOUND

CONCRETE STRUCTURE NOT FOUND

8" DIP

10" DIP (L)

12" RCP

12" RCP (L)

36" RCP

36" RCP (L)

24" CMP CULVERT
INV = 660.56

24" CMP CULVERT
INV = 663.99

24" CMP CULVERT
INV = 659.87

24" CMP CULVERT
INV = 663.85

24" CMP CULVERT
INV = 658.58

24" CMP CULVERT
INV = 658.60

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

0 50' 100'

KEY PLAN
TRI-STATE TOLLWAY (I-294)
WT PROSPECT RD
E GREEN ST
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
N YORK RD
IDOT AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBYI8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	103
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYI8.dgn

MATCH LINE SEE SHEET 103

MATCH LINE SEE SHEET 105

COYLE LN

CARMEN DR

7'x5' - 1 CMPA

39" CMP

36" CMP

260+00

360+00

160+00

365+00

370+00

170+00

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

18" RCP

30" RCP

INV=662.20

INV=662.05

TOP OF WEIR=664.64

EX. SS MH

RIM=666.35

FULL OF DEBRIS

15" RCP

INV=662.13

15" RCP

TOP OF WEIR=661.61

TOP OF WEIR=661.08

TOP OF WEIR=661.07

TOP OF WEIR=661.35

15" FES

INV = 661.33

UNION PACIFIC R.R.

BUCKEYE PARTNERS

RR AMOCO

12" RCP

R.C.C.P. CASING

48" CMP CULVERT
INV = 657.13

48" CMP CULVERT
INV = 656.13

48" CMP CULVERT
INV = 656.82

48" CMP CULVERT
INV = 656.31

12" CMP CULVERT
INV = 660.93

12" CMP CULVERT
INV = 660.94

N

0 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)

E GREEN ST

MT PROSPECT RD

CHICAGO O'HARE INT'L AIRPORT

THORNDALE AVE

E DEVON AVE

N YORK RD

TOUHY AVE

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBYI9.dgn

FILE NAME = DIEOWB-sht-ex-drain-WBYI9.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS

communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	104
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

HIGGINS CREEK WATERSHED

WILLOW CREEK WATERSHED

W OLD HIGGINS RD

MATCH LINE SEE SHEET 104

MATCH LINE SEE SHEET 106

175+00

180+00

375+00

380+00

280+00

285

OUTLET
WL 28

24" FES
INV = 656.87

36" CMP CULVERT
INV = 655.25

36" CMP CULVERT
INV = 655.30

24" CMP CULVERT
INV = 657.01

24" CMP CULVERT
INV = 658.74

36" CMP CULVERT
INV = 654.83

36" CMP CULVERT
INV = 654.86

UNION PACIFIC R.R.

MT PROSPECT RD

18" FES
INV = 659.71

21" CMP CULVERT
INV = 656.18

OUTLET
HG 39

18" RCP CULVERT
INV = 655.10

4" PVC (L)

STRUCTURE
NOT FOUND

CITY OF DES PLAINES

0 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)

E GREEN ST

MT PROSPECT RD

CHICAGO O'HARE INT'L AIRPORT

THORNDALE AVE

E DEVON AVE

N YORK RD

TOUHY AVE

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBY20.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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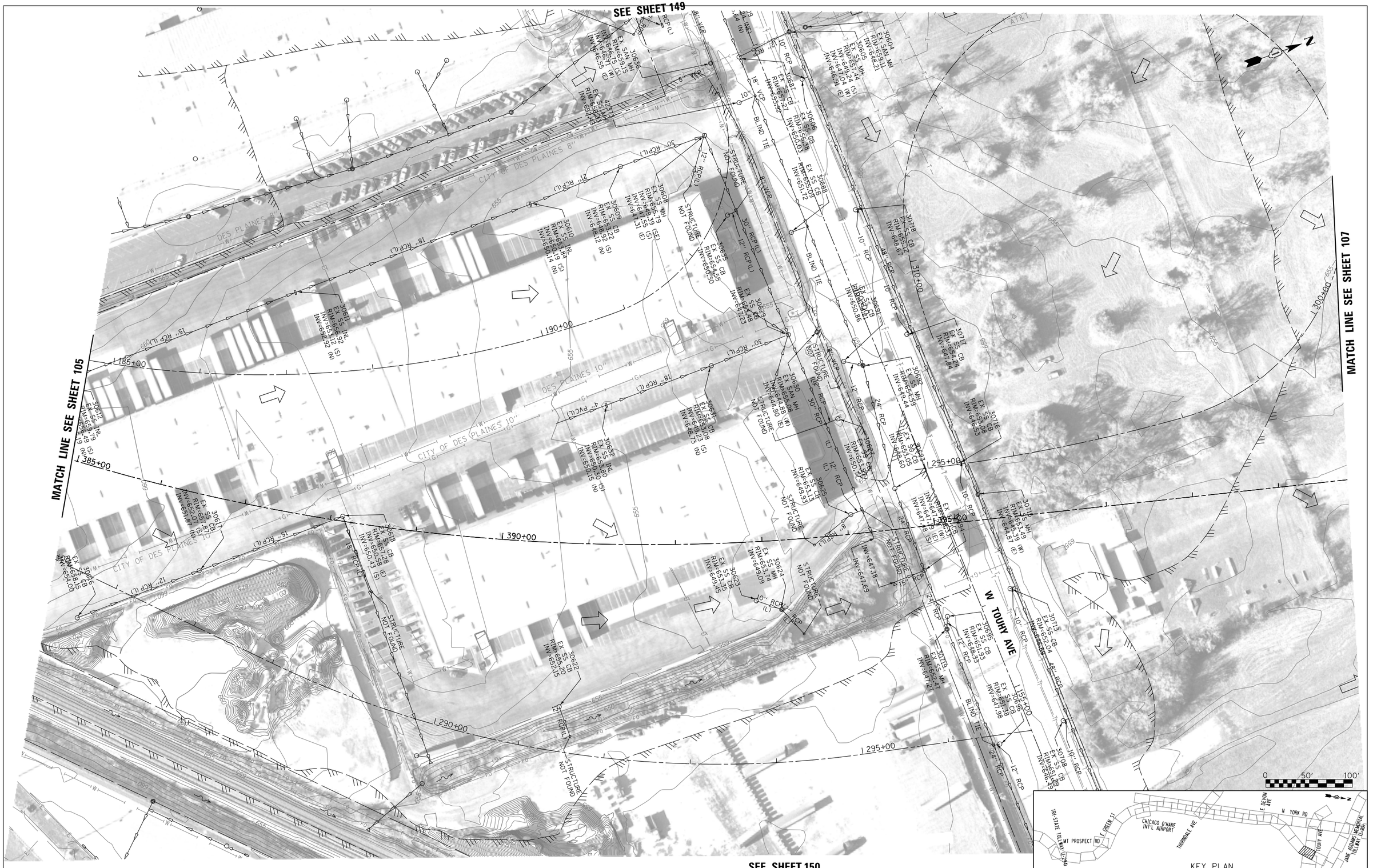
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED / HIGGINS CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	105
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY20.dgn



FILE NAME = DIEOWB-sht-ex-drain-WBY2L.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	106
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY2L.dgn

MATCH LINE SEE SHEET 106

SEE SHEET 69, 70

100-YR FLOODPLAIN
651.00

TOUHY AVENUE RESERVOIR

100-YR FLOODPLAIN
651.00

INV. 643.63
INV. 645.26
INV. 645.10
INV. 645.39

HIGGINS CREEK

FLOODWAY

FLOODWAY

48" RCP

195+00

410+00

405+00

400+00

210+00

HIGGINS CREEK

TOUHY AVENUE RESERVOIR

CONC. DRAIN

0 50' 100'

KEY PLAN
TRI-STATE TOLLWAY (I-294)
MT PROSPECT RD
E. DEVON AVE
N. YORK RD
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-WBY22.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

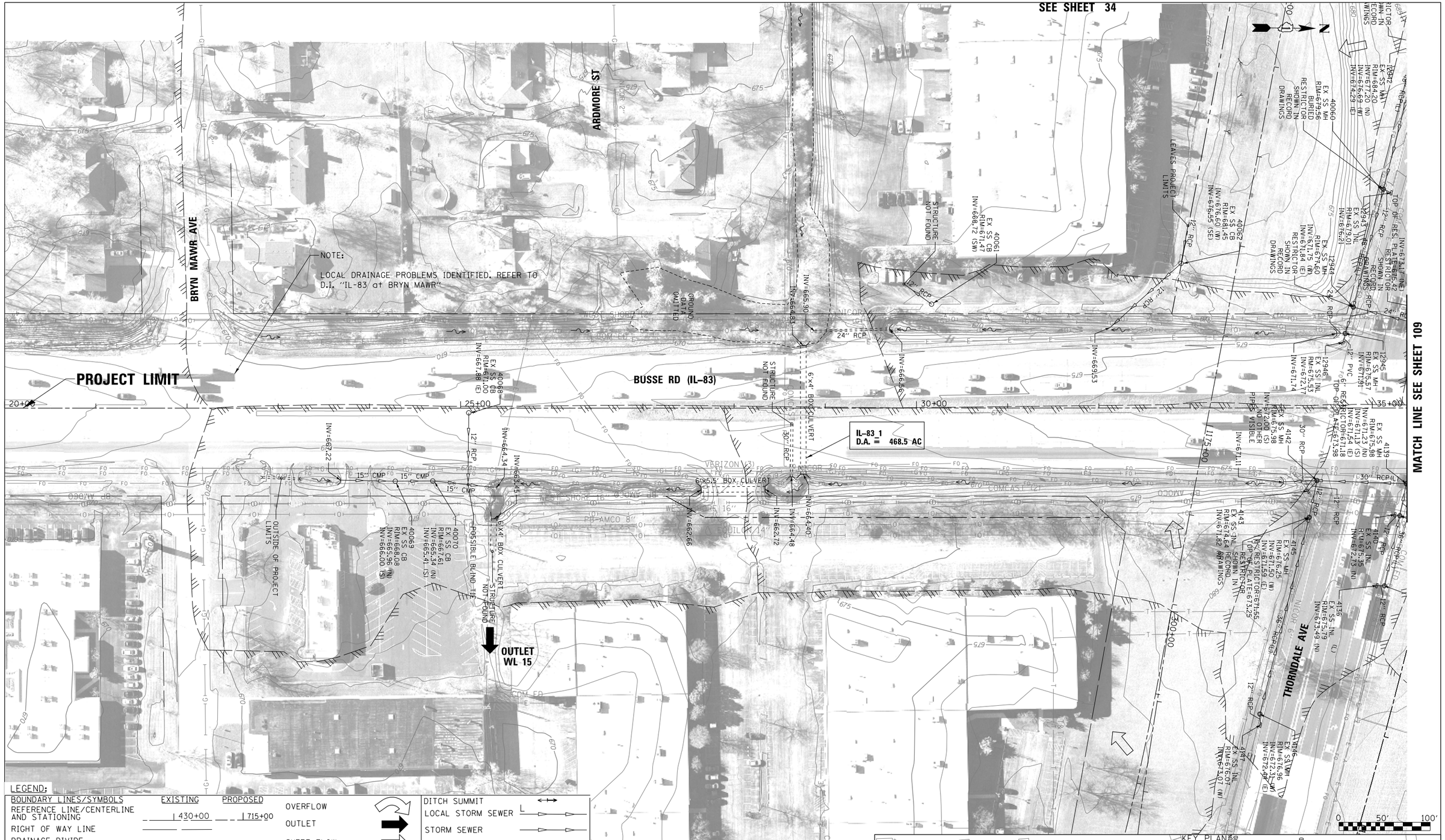
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
WEST BYPASS

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	107
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WBY22.dgn



LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-BUSL.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
BUSSE RD (IL-83)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	108
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-BUSL.dgn

SEE SHEET 34

MATCH LINE SEE SHEET 108

TOWER LN

BUSSE RD (IL-83)

PROJECT LIMIT

IL-83_2
D.A. = 125.2 AC

OUTLET
WL 16

10'X4' BOX CULVERT

SEE SHEET 34

KEY PLAN

0 50' 100'

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-BUS2.dgn

FILE NAME = DIEOWB-sht-ex-drain-BUS2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
BUSSE RD (IL-83)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	109
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

SEE SHEET 30

MATCH LINE SEE SHEET 111

PROJECT LIMIT

OUTLET
WL 22

OUTSIDE OF PROJECT LIMITS

WILLOW CREEK WATERSHED

SALT CREEK WATERSHED

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED

N WOOD DALE AVE

THORNDALE AVE

STRUCTURE NOT FOUND

NOT FOUND

N.N.E PIPES NOT VISIBLE

NO PIPE NOT VISIBLE

5' CULVERT

8" CLAY

12" CMP(L)

12" RCP(L)

10" CLAY

10" RCP

8" CP

15" DIP(L)

8" PVC

FES W/ 4" RESTRICTOR IN RECORD DRAWINGS

4107 EX SS INL RIM=714.49 INV=711.71 (N)

4110 EX SS INL RIM=718.41 INV=713.24 (N) INV=713.31 (S)

4109 EX SS MH RIM=719.22 (W) INV=712.12 (W) INV=713.97 (S)

12858 EX SS MH RIM=719.83 INV=706.68 (N) INV=706.76 (W) INV=710.74 (E)

12855 EX SS MH RIM=720.53 INV=714.64 (E) INV=714.49 (W) INV=714.52 (N)

12856 EX SS CB RIM=720.10 INV=716.30 (E) INV=716.90 (W)

12857 EX SS CB RIM=719.84 INV=716.20 (E) INV=716.00 (W)

100060 EX SAN MH RIM=718.27 INV=708.32 (S)

100061 EX SS INL RIM=718.04 INV=713.79 (E) INV=713.74 (S)

100062 EX SS MH RIM=718.26 INV=712.96 (S) INV=714.92 INV=714.97

INV=716.15

100059 EX SS MH RIM=719.47 INV=714.12 (E) INV=713.97 (N,S)

100058 EX SS INL RIM=718.72 INV=715.92

100076 EX SS MH RIM=719.91 INV=714.91 (N) INV=714.86 (E)

100077 EX SS INL RIM=719.73 INV=715.63 (E) INV=715.48 (S)

100078 EX SAN MH RIM=719.83 INV=713.38 (W) INV=713.23 (S)

100082 EX SS INL RIM=719.69 INV=716.49

100057 EX SAN MH RIM=719.01 INV=711.81 (N) INV=710.36 (S)

100054 EX SS INL RIM=717.62 INV=714.77 (E) INV=714.77 (W)

100055 EX SS INL RIM=717.86 INV=714.36

INV=710.76 (W) INV=710.96 (E) INV=713.26 (SE)

INV=708.64

INV=708.23

250+00 255+00 260+00 300+00 1115+00 1120+00 1125+00

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	
DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

KEY PLAN

FEDERAL PARK RD · GARY AVE · SPRINGMOOR RD · ROOSEVELT RD · WRIGHT BLVD · MITCHELL BLVD · S RUSSELL RD · PALM GROVE ROAD · WEDEMAN RD · ARMA AVE · ROHLWING RD · I-290 · I-290 · MONTCLARE RD · NORTHLAKE DR · N HEIGHTS DR · LEATHERMAN RD · WILLIE DR · TOWNE RD · WOOD DALE RD · IN 83-101 SUNS · YORK RD

FILE NAME = DIEOWB-sht-ex-drain-WOD.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED /SALT CREEK WATERSHED
WOOD DALE AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	110
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER.TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WOD.dgn

FILE NAME = DIEOWB-sht-ex-drain-WOD2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
WOOD DALE AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DUPAGE	164	111
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WOD2.dgn

FILE NAME = DIEOWB-sht-ex-drain-MITL.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
MITTEL DRIVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	112
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-MITL.dgn

SEE SHEET 26

SEE SHEET 27

INVERNESS LN

GRANVILLE AVE

THORNDALE AVE

N PROSPECT AVE

PROJECT LIMIT

OUTSIDE PROJECT LIMITS

OUTLET SLT 7

OUTLET SLT 8

MATCH LINE SEE SHEET 114

SEE SHEET 27

KEY PLAN

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-PR01.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
N PROSPECT AVE.

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	113
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36ii80 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-PR01.dgn

FILE NAME = DIEOWB-sht-ex-drain-PR02.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
N PROSPECT AVE.

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	114
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER.TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-PR02.dgn

SEE SHEET 25

MATCH LINE SEE SHEET 116

PROJECT LIMIT

PROJECT LIMIT

SEE SHEET 26

THORNDALE AVE

PARKSIDE AVE

N ARLINGTON HEIGHTS RD

KETTER DR

LEAVES PROJECT LIMITS

GROUND DATA OMITTED

STRUCTURE NOT FOUND

VILLAGE OF ITASCA

COM ED

AT&T

NICOR

0 50' 100'

KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-ARL.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
ARLINGTON HEIGHTS RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	115
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-ARL.dgn

PROJECT LIMIT

PIERCE RD

OUTSIDE PROJECT LIMITS

OUTLET SLT 10

PROJECT LIMIT

MATCH LINE SEE SHEET 115

L 510+00

N ARLINGTON HEIGHTS RD

L 515+00

L 530+00

PROJECT LIMIT

OUTSIDE PROJECT LIMITS

PROJECT LIMIT

N PROSPECT AVE

L 525+00

MARINO CT

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

0 50' 100'

KEY PLAN

IRVING PARK RD
HAMLIN AVE
LARCH AVE
ROSEMONT RD
WILLOW RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEDINAH RD
ACADEMY RD
IRONWOOD DR
1:250
1:250
ARLINGTON HEIGHTS RD
CENTRAL RD
PALATINE RD
DUNDEE RD
BUSSE RD
IN 18-70
355/90
TOWNE RD
HICKORY RD

FILE NAME = DIEOWB-sht-ex-drain-ARL2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
ARLINGTON HEIGHTS RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	116
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-ARL2.dgn

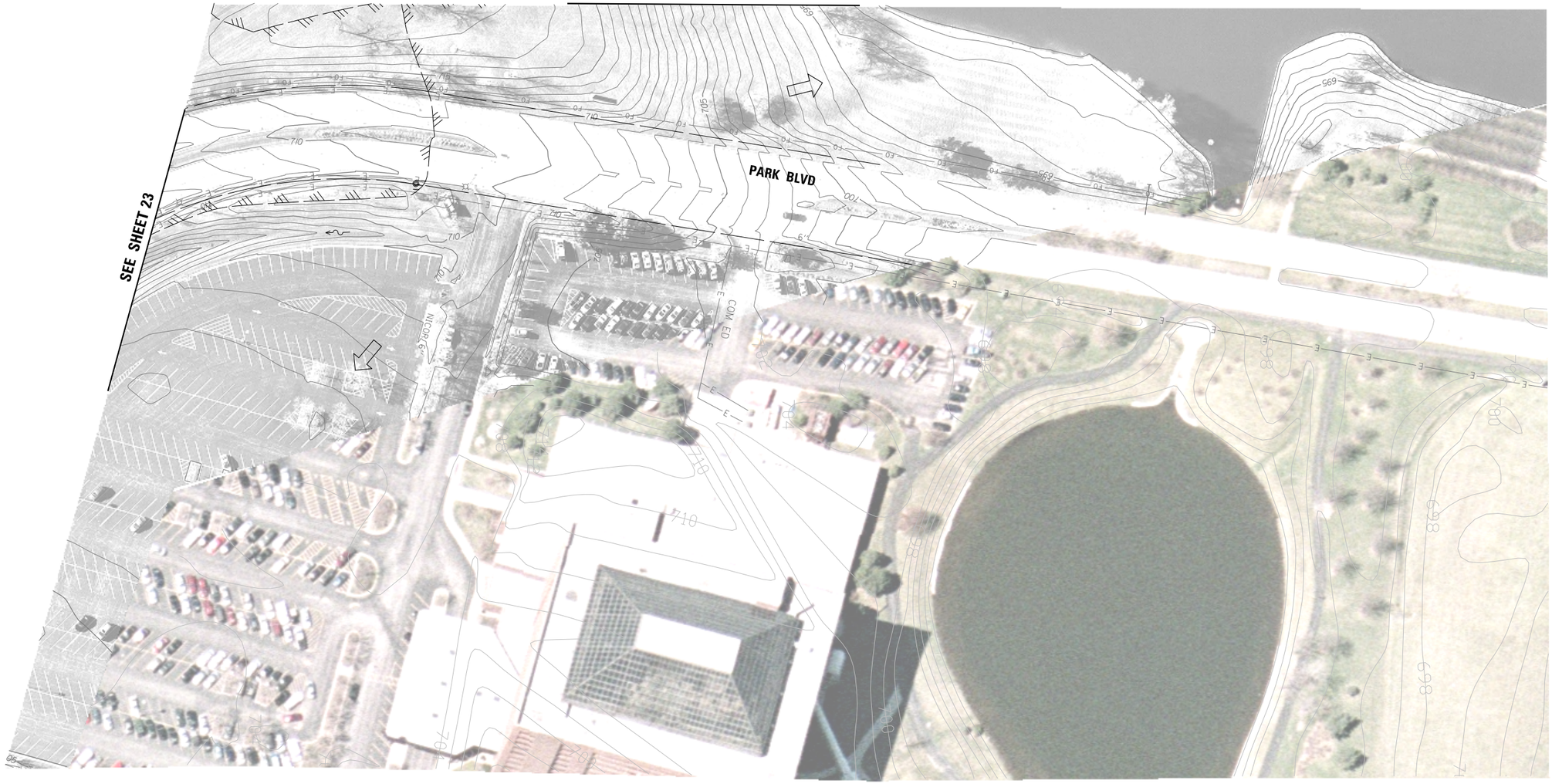
SEE SHEET123

SEE SHEET 23

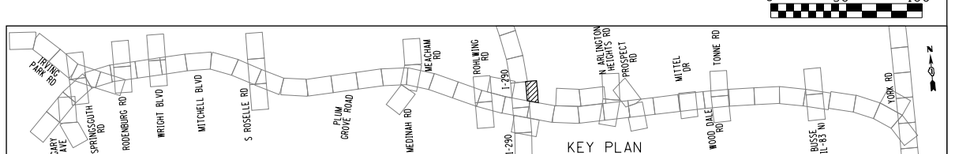
PARK BLVD

NICOR GAS

COM ED



0 50′ 100′



FILE NAME = DIEOWB-sht-ex-drain-PRK.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100′	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

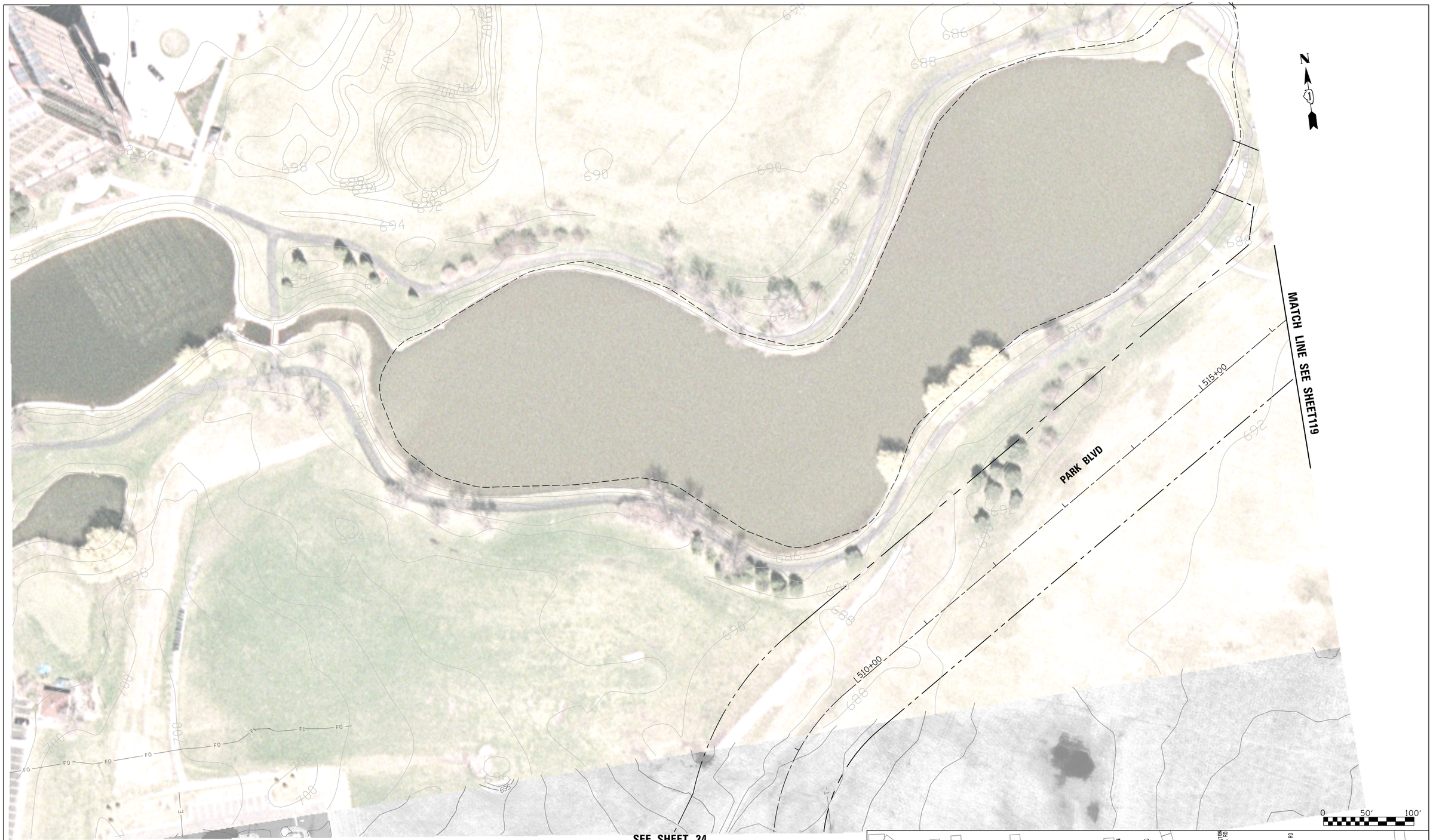
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	117
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER.TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-PRK.dgn



Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-PRK2.dgn

FILE NAME = DEOWB-sht-ex-drain-PRK2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	118
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

N

MATCH LINE SEE SHEET118

105+00

110+00

115+00

100+00

PARK BLVD

KETTER DR

VILLAGE OF ITASCA

COM ED (2)

GROUND DATA OMITTED

41030
EX SS CB
RIM=696.24
INV=692.74 (S)
INV=691.89 (E)

INV=693.14

41031
EX SAN MH
RIM=694.55
INV=787.35 (W)

12" PVC

PROJECT LIMIT

SEE SHEET 115

SEE SHEET 25

SEE SHEET116

0 50' 100'

KEY PLAN

TRUMAN PARK RD
GARY AVE
SPRINGCOURT RD
ROSEMOUNT RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
MEDINAH RD
IRON WING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
WITTEL DR
TOWNE RD
WOOD DALE RD
BUSSE RD
ILL-83 NB
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-PRK3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	119
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36il80 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-PRK3.dgn

MILWAUKEE DISTRICT WEST LINE (MD-W)

BRYN MAWR AVE

I–290 E.B.

I–290 W.B.

PROJECT LIMIT

OUTLET SLT 12A

OUTLET SLT 12B

OUTLET SLT 12C

MATCH LINE SEE SHEET 121

W NORTH ST

KEY PLAN

SPRINGSOUTH RD
IRVING PARK RD
GARY AVE
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEDINAH RD
MEACHAM RD
ROHLWING RD
I-290 (EISENHOWER EXPY)
ARLINGTON HEIGHTS RD
PROSPECT RD
MITTEL DR
TONNE RD
WOOD DALE RD
BUSSE RD
IL 83
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-DEEL.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I–290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	120
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-DEEL.dgn

FILE NAME = DIEOWB-sht-ex-drain-DEE2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

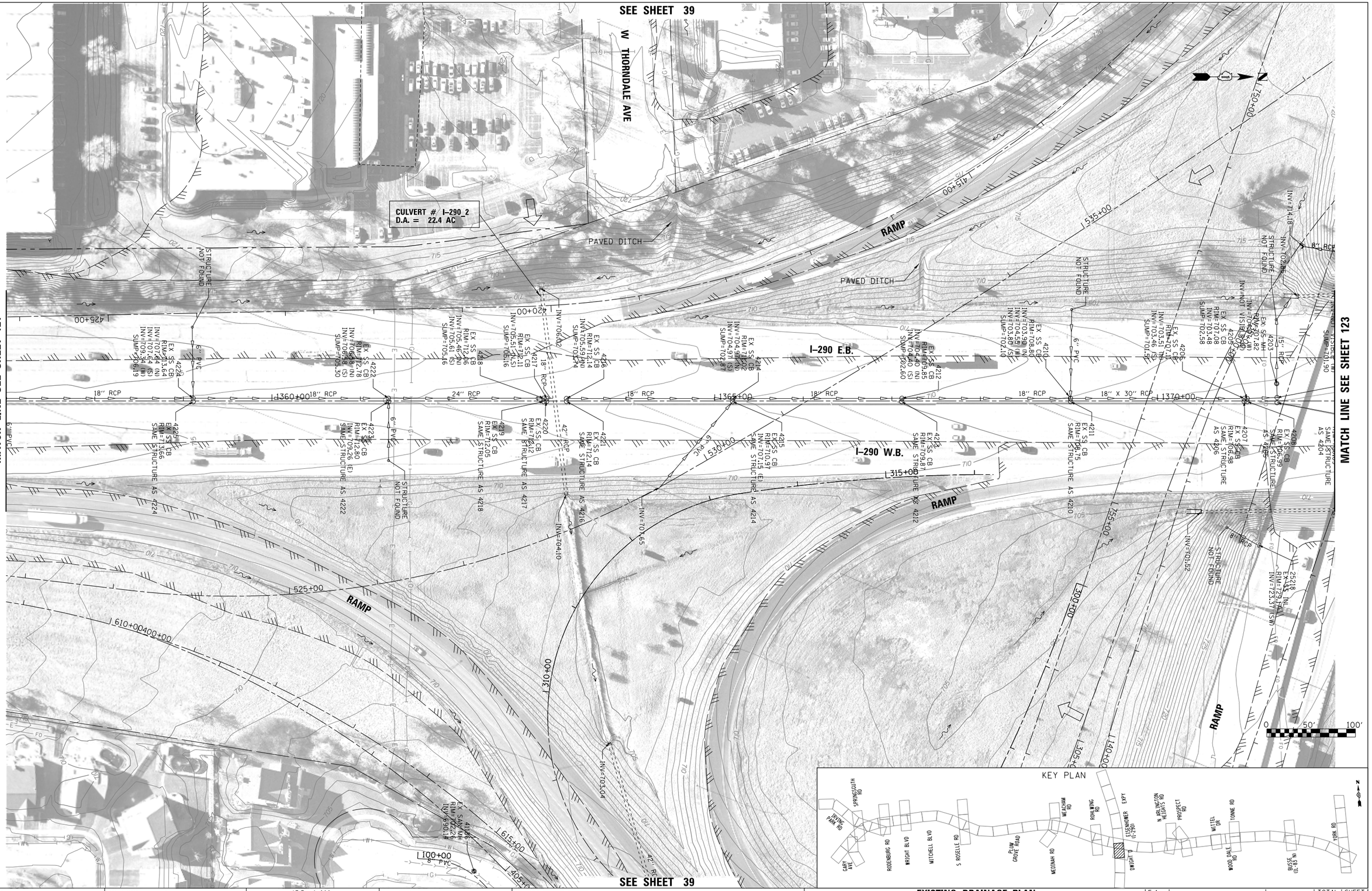
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I-290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	121
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-DEE2.dgn



FILE NAME = DIEOWB-sht-ex-drain-DEE3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

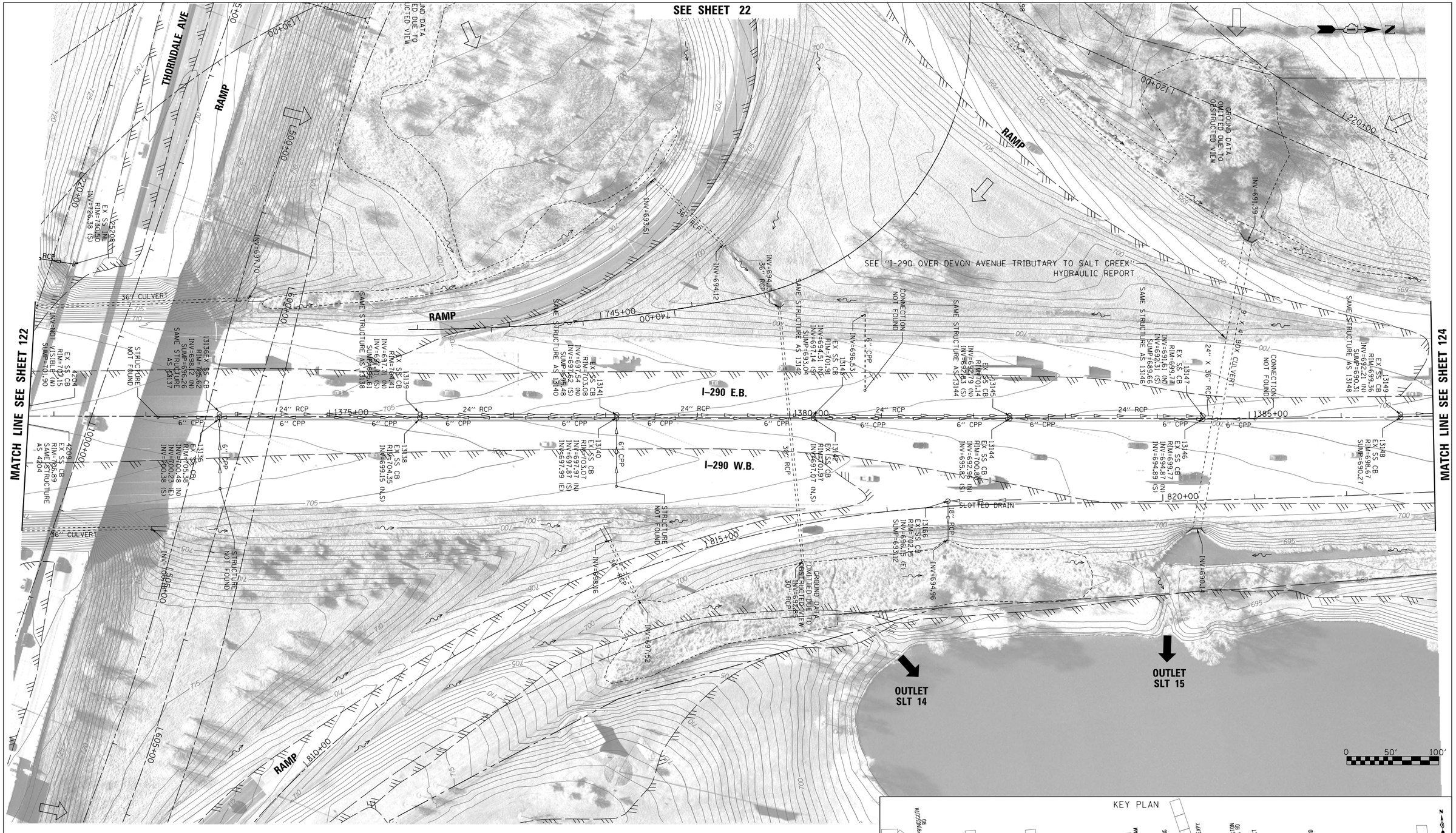
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I-290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	122
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-DEE3.dgn



FILE NAME = DIEOWB-sht-ex-drain-DEE4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I-290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	123
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-DEE4.dgn

MATCH LINE SEE SHEET 123

MATCH LINE SEE SHEET 125

I-290 E.B.

I-290 W.B.

W DEVON AVE

COUNTY LINE

DuPAGE
COOK

CULVERT# I-290_3
D.A. = 5.4 AC

OUTLET
SLT 16

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

GROUND DATA OMITTED

STRUCTURE NOT FOUND

PARTIALLY COLLAPSED

SAME STRUCTURE AS 13160

SAME STRUCTURE AS 13162

SAME STRUCTURE AS 13164

PIPES NOT VISIBLE AS 13055

NO PIPES VISIBLE

COMCAST

VILLAGE OF ELK GROVE

0 50' 100'

KEY PLAN

SPRINGSMITH RD
FRYING PAN RD
GARY AVE
RIDGEBURG RD
WRIGHT BLVD
MITCHELL BLVD
S RUSSELL RD
GROVE PKWY
WEATHERSFIELD WAY
WEATHERSFIELD WAY
ROHLWING RD
EXPY
EISENHOWER (1-290)
N ARLINGTON HEIGHTS RD
POPPY CT
WILLOW RD
WILLOW RD
WOODDALE RD
BUSSE RD
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-DEE5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I-290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	124
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-DEE5.dgn

FILE NAME = DIEOWB-sht-ex-drain-DEE6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation
CHRISTOPHER B. BURKE ENGINEERING

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I-290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	125
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYD\CAD\Sheets\DIEOWB-sht-ex-drain-DEE6.dgn

FILE NAME = DIEOWB-sht-ex-drain-DEE7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
I–290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	126
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-DEE7.dgn

MATCH LINE SEE SHEET 126

RAMP

BIESTERFIELD RD

PROJECT LIMIT

I–290 E.B.

I–290 W.B.

SEE D.I. 942 FOR DRAINAGE AREAS

DOUBLE 48"x120" BOX CULVERT

1435+00

1440+00

1445+00

0 50' 100'

KEY PLAN

SPRINGSOUTH RD
IRVING PARK RD
GARY AVE
ROSENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
ROHLWING RD
EISENHOWER (I-290)
EXPY
DWIGHT D
N ARLINGTON HEIGHTS RD
PROSPECT RD
WITTEL DR
TONNE RD
WOOD DALE RD
BUSSE (IL-83 N)
YORK RD

FILE NAME = DIEOWB-sht-ex-drain-DEE8.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED /MEACHAM CREEK WATERSHED
I–290 / IL 53

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	127
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-DEE8.dgn

FILE NAME = DIEOWB-sht-ex-drain-RAMGI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	128
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-RAMGI.dgn

SEE SHEET 20

MATCH LINE SEE SHEET 130

SEE SHEET 21

W THORNDALE AVE

NORWOOD AVE

ROHLWING RD

PROJECT LIMIT

100-YR FLOODPLAIN
712.75

SEE "IL-53 OVER DEVON AVENUE TRIBUTARY TO SALT CREEK" HYDRAULIC REPORT

OUTLET
SLT 19

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

NOTE:

1. LDS FOR ROHLWING RD NOTED PAVEMENT FLOODING HERE.
2. LDS NOTE THAT THERE IS A 42" OUTFALL WITH A CONCRETE WEIR FROM THE WETLAND JUST SOUTH OF NORWOOD AVE.

0 50' 100'

KEY PLAN

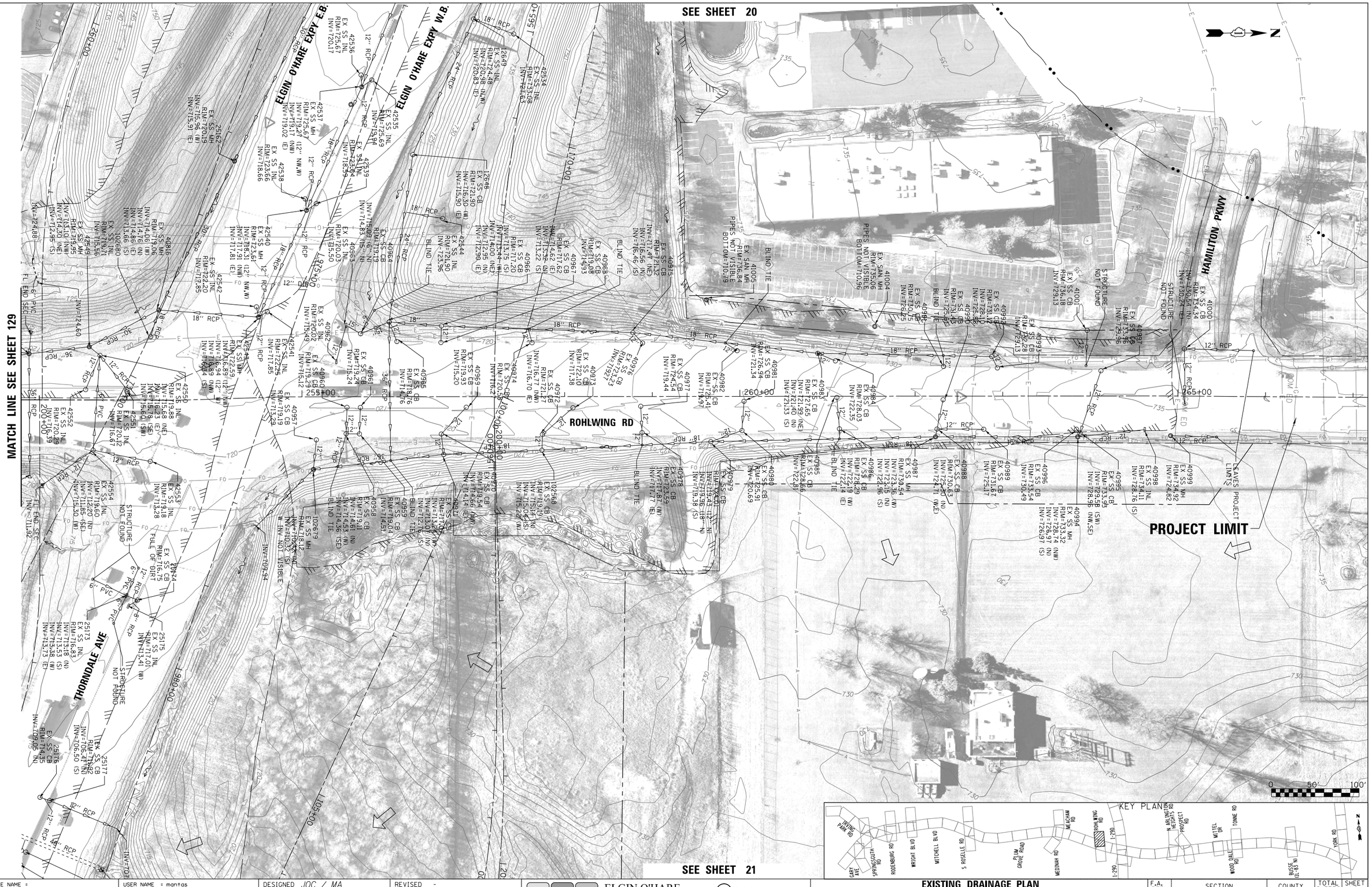
FILE NAME = DIEOWB-sht-ex-drain-RWGI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	ELGIN O'HARE WEST BYPASS communities. opportunities. solutions.	Illinois Department of Transportation
		DRAWN PWN / MYG	REVISED -		CHRISTOPHER B. BURKE ENGINEERING, LTD.
	PLOT SCALE = 100'	CHECKED CW	REVISED -		
	PLOT DATE = 10/18/2012	DATE -	REVISED -		

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
ROHLWING RD (IL-53)

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	129
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-RWGI.dgn



FILE NAME = DIEOWB-sht-ex-drain-RWG2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

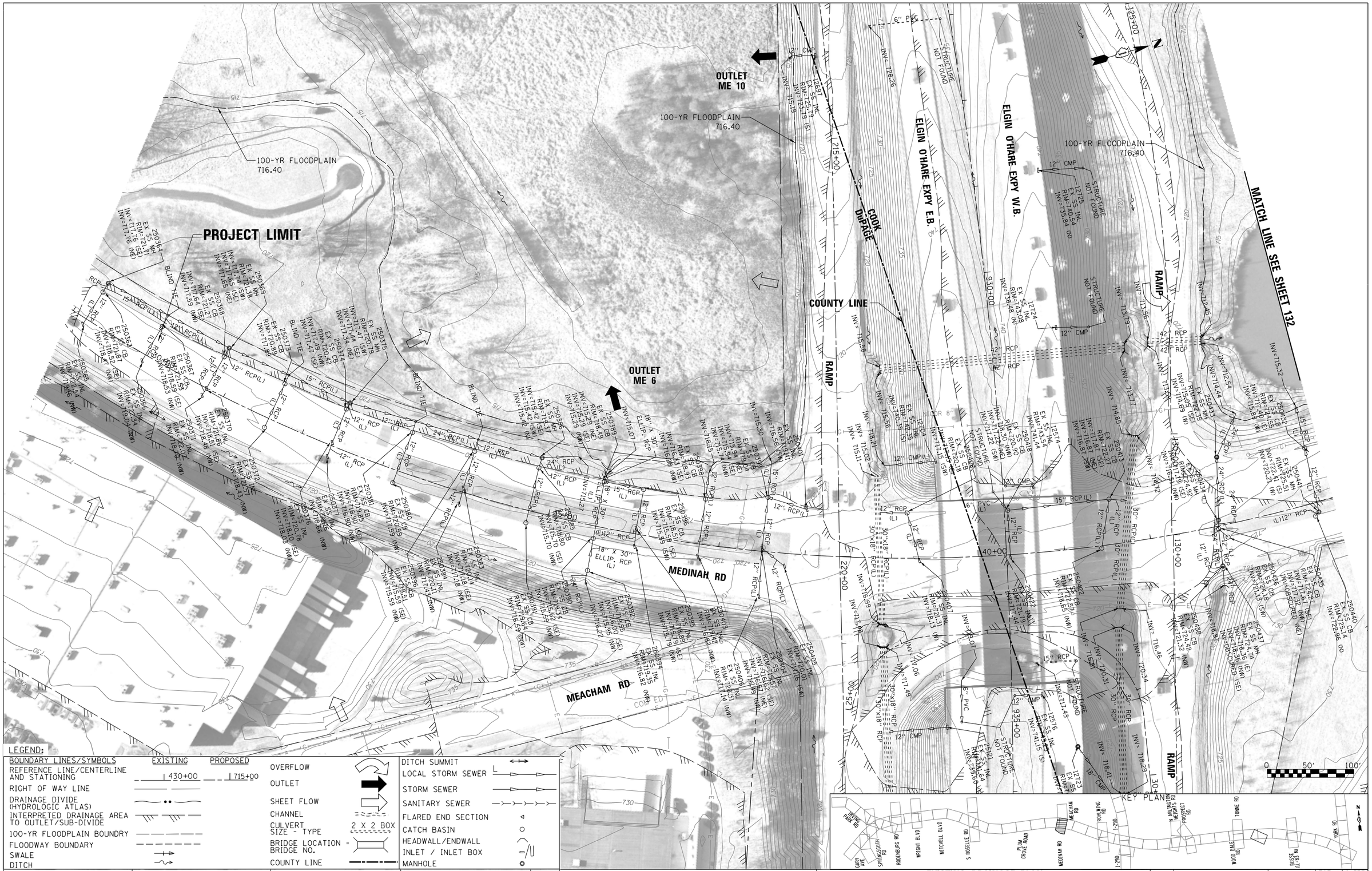
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SALT CREEK WATERSHED
ROHLWING RD (IL-53)

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	130
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-RWG2.dgn



LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	
DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-MEDI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
MEDINAH RD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	131
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-MEDI.dgn

SEE SHEET 17

MATCH LINE SEE SHEET 131

SEE SHEET 18

GEORGIA DR

FLORIDA LN

VIRGINIA DR

MEACHAM RD

MEACHAM RD

MEACHAM RD

CINDY LN

HAISE LN

HAAR LN

ROOSA LN

PROJECT LIMIT

100 YR-FLOODPLAIN 716.40

F/FE=732.24

LEAVES PROJECT LIMITS

STRUCTURE NOT FOUND

VILLAGE OF ELK GROVE

COMED

NICOR

45+00

50+00

55+00

0 50' 100'

KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-MED2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
MEDINAH RD/MEACHAM RD

FULL BUILD | SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	132
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36il80 - Elgin O'Hare - West Bypass\TIER TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-MED2.dgn

SEE SHEET 11

SEE SHEET 12

ARTHUR AVE

ROSELLE RD

RAMP

OUTLET ME 11

PROJECT LIMIT

ELGIN O'HARE EXPY E.B.

ELGIN O'HARE EXPY W.B.

STRUCTURE NOT FOUND

KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-ROS2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
ROSELLE RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	133
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-ROS2.dgn

SEE SHEET 7

ALBION AVE

PROJECT LIMIT

FRONTAGE RD

FRONTAGE RD

WRIGHT BLVD

OUTLET
SB 4

ALBION AVE

FRONTAGE RD

ELGIN O'HARE EXPY E.B.

ELGIN O'HARE EXPY W.B.

RAMP

MATCH LINE SEE SHEET 135

SEE SHEET 8

KEY PLAN

0 50' 100'

FILE NAME = DIEOWB-sht-ex-drain-WRTI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
MEACHAM CREEK WATERSHED
WRIGHT BLVD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	134
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WRTI.dgn

MATCH LINE SEE SHEET 134

WRIGHT BLVD

MORSE AVE

PROJECT LIMIT

GROUND DATA OMITTED DUE TO OBSTRUCTED VIEW

25+00

30+00

40+00

805

810

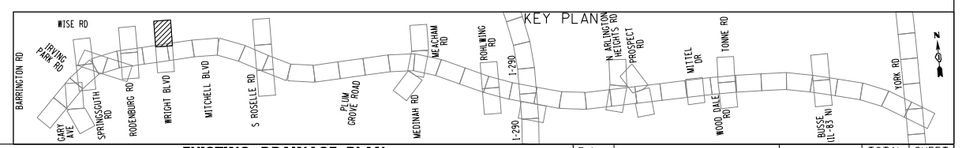
815

AT&T

N

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-WRT2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SPRINGBROOK WATERSHED
WRIGHT BLVD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	135
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-WRT2.dgn

SEE SHEET 6
MATCH LINE SEE SHEET 137
W IRVING PARK RD/IL-19
FRONTAGE RD
RODENBURG RD
ELGIN O'HARE EXPY W.B.
ELGIN O'HARE EXPY E.B.
OUTLET
DP 7
PROJECT LIMIT
LEAVES PROJECT LIMITS
STRUCTURE NOT FOUND
CAN'T MEASURE
CAN'T SEE ALL PIPES
NOT ALL PIPES ARE VISIBLE
BLIND TIE
410+00
415+00
420+00
425+00
430+00
715+00
720+00
725+00
730+00
735+00
740+00
745+00
750+00
755+00
760+00
765+00
770+00
775+00
780+00
785+00
790+00
795+00
800+00
805+00
810+00
815+00
820+00
825+00
830+00
835+00
840+00
845+00
850+00
855+00
860+00
865+00
870+00
875+00
880+00
885+00
890+00
895+00
900+00
905+00
910+00

MATCH LINE SEE SHEET 136

RODENBURG RD

35+00

40+00

PROJECT LIMIT

SEE SHEET 6

0 50' 100'

KEY PLAN

IRVING PARK RD · GARY AVE · SPRINGSMITH RD · RODENBURG RD · WRIGHT BLVD · MITCHELL BLVD · S ROSELLE RD · PLUM GROVE ROAD · MEADHAM RD · MEDINAH RD · ROHLWING RD · I-290 · N ARLINGTON HEIGHTS PROSPECT RD · WOOD DALE RD · TOWNE RD · WITTEL DR · BUSSE (ILT-83 NB) · YORK RD

FILE NAME = DIEOWB-sht-ex-drain-RDG2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
RODENBURG RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	137
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-RDG2.dgn

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	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
SPRINGINSGUTH RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	138
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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COMMODORE CT

WEYERS CT

FAIRLANE DR

CREST AVE

GROVE AVE

W IRVING PARK RD/IL-19

SPRINGINSGUTH RD

25+00

30+00

35+00

PROJECT LIMIT

MATCH LINE SEE SHEET 138

MATCH LINE SEE SHEET 4

LEAVES PROJECT LIMITS

KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-SPS2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
SPRINGINSGUTH RD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	139
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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SEE SHEET 5

MATCH LINE SEE SHEET 141

W IRVING PARK RD/IL-19

FRONTAGE RD

ELGIN O'HARE EXPY W.B.

ELGIN O'HARE EXPY E.B.

SPRINGINSGUTH RD

FRONTAGE RD

LONG AVE

RAMP

OUTLET DP 6A

STRUCTURE NOT FOUND

KEY PLAN

IRVING PARK RD
GARY AVE
SPRINGINSGUTH RD
RODENBURG RD
WRIGHT BLVD
MITCHELL BLVD
S ROSELLE RD
PLUM GROVE ROAD
MEACHAM RD
MEDINAH RD
ROHLWING RD
I-290
I-290
N ARLINGTON HEIGHTS RD
PROSPECT RD
TOWNE RD
WOOD DALE RD
BUSSE IL-83 NB
YORK RD

0 50' 100'

FILE NAME = DIEOWB-sht-ex-drain-IRV4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
IRVING PARK ROAD (IL-19)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	140
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
IRVING PARK ROAD (IL-19)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	141
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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N GARY AVE

TRAVIS PKWY

MANSFIELD CT

BRITTANIA WAY

THORNFIELD CT

PROJECT LIMIT

MILWAUKEE DISTRICT / WEST LINE (MD-W)

MATCH LINE SEE SHEET 143

COUNTY LINE

DuPAGE

COOK

INV=809.44

INV=802.48

INV=794.86

INV=809.24

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

0 50′ 100′

KEY PLAN

IRVING PARK RD · GARY AVE · SPRINGCROSS RD · ROOSEVELT RD · WRIGHT BLVD · MITCHELL BLVD · S ROSELLE RD · PLUM GROVE ROAD · MEDINAH RD · MEACHAM RD · ROMEO RD · I-290 · I-290 · IRVING RD · N ARLINGTON HEIGHTS RD · PROSPECT RD · TONNE RD · WOOD DALE RD · BUSSE IL-83 NB · YORK RD

FILE NAME = DIEOWB-sht-ex-drain-GRY.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100′	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
GARY AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	142
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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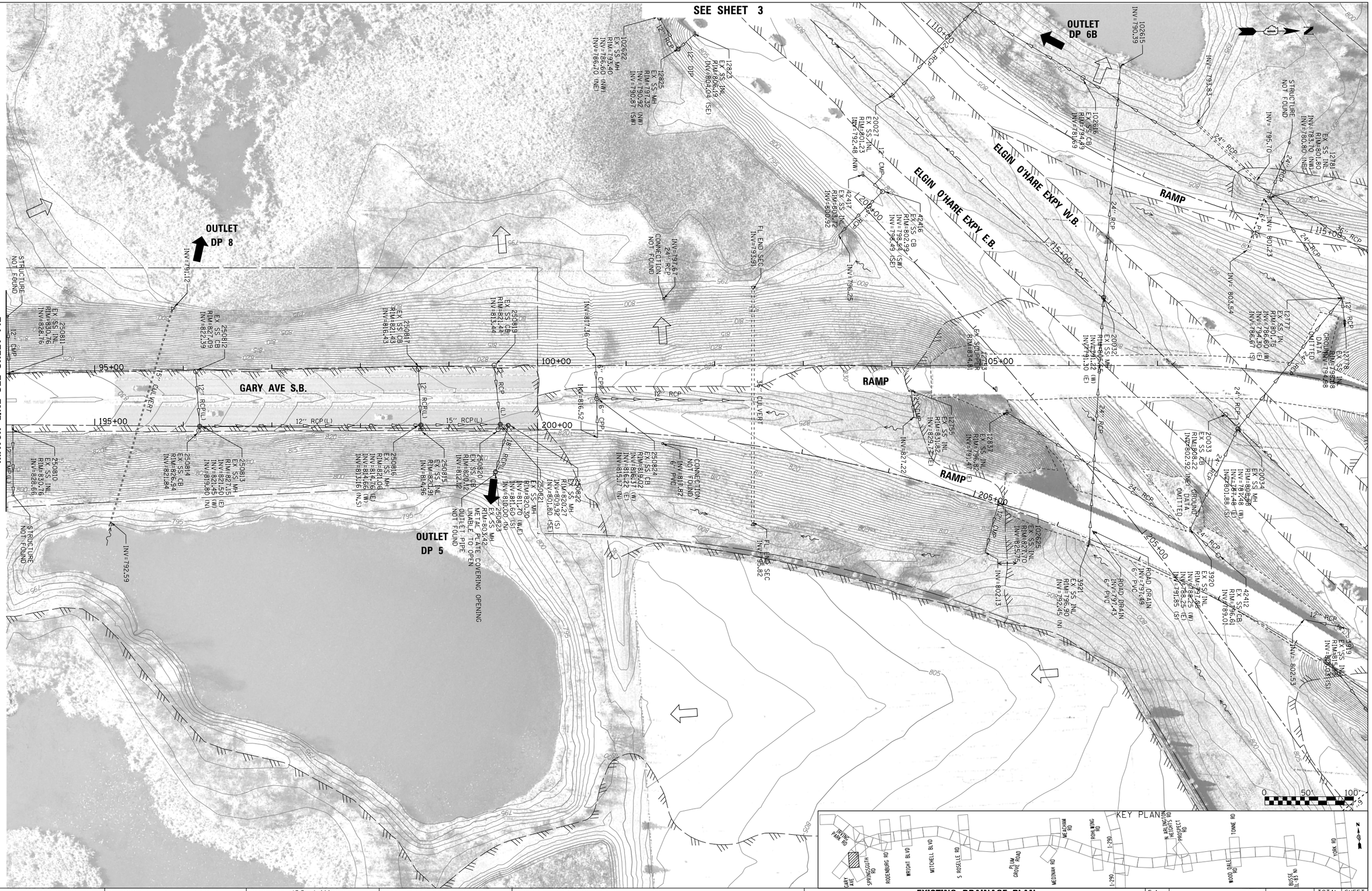

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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
GARY AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	143
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER.TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-GRY2.dgn

PROJECT LIMIT

W IRVING PARK RD/IL-19

OUTLET DP 2

GLENWOOD LN

ORCHARD LN

KEYSTONE PL

GEORGETOWN DR

BROWNSTONE PL

W WISE RD

GROUND DATA OMITTED

STRUCTURE NOT FOUND

395+00

390+00

100761 EX SS INL RIM=803.86 INV=799.26 (S) INV=795.76 (E,W)

100760 EX SS INL RIM=803.92 INV=795.72 (E,W)

100758 EX SS INL RIM=802.95 INV=796.58 (W) INV=795.63 (E)

100763 EX SAN MH RIM=802.90 INV=788.40 (N) INV=788.25 (S)

100762 EX SS MH RIM=803.86 INV=767.86 (E,W)

100764 EX SS INL RIM=802.83 INV=795.53 (E,W,S)

100765 EX SS INL RIM=802.65 INV=798.05 (S) INV=795.45 (E,W)

100766 EX SS MH RIM=802.08 INV=795.88 (NE) INV=795.53 (S,W)

100767 EX SS CB RIM=801.31 INV=795.86

100783 EX SS CB RIM=799.70 INV=794.40 (N) INV=794.30 (S) SUMP=791.00

100768 EX SS CB RIM=800.59 SEALED RIM

100769 EX SS CB RIM=801.96 SEALED RIM

100770 EX SAN MH RIM=801.60 INV=793.70 (E,W)

100771 EX SAN MH RIM=801.18 INV=794.28 (N,E)

42512 EX SS CB RIM=800.02 INV=797.37

42511 EX SS MH RIM=804.08 SEALED RIM

100781 EX SS MH RIM=799.91 INV=795.37 (N) INV=795.31 (E,W)

100780 EX SS CB RIM=799.27 INV=795.43

100782 EX SS INL RIM=798.42 INV=794.92

100784 EX SS CB RIM=802.16 INV=796.40 (N) INV=796.06 (SW) SUMP=793.16

100785 EX SS MH RIM=802.43 INV=792.57 (W) INV=793.18 (SE)

100786 EX SS CB RIM=803.95 INV=798.25 (N,S) SUMP=795.25

100787 EX SS MH RIM=804.36 INV=798.18 (N) INV=791.08 (E,W)

100778 EX SS MH RIM=802.84 SEALED LID

100779 EX SS CB RIM=800.17 INV=797.07 (NW) SUMP=794.07

100777 EX SS CB RIM=802.69 INV=799.24 (NW) SUMP=795.19

100776 EX SS CB RIM=805.53 INV=801.33 (N,E) SUMP=797.33

100775 EX SS MH RIM=806.41 INV=801.41 (W) INV=801.21 (E)

100774 EX SS CB RIM=806.78 INV=801.78

STRUCTURE NOT FOUND

807.47 EX SS CB RIM=807.47 INV=803.07 (S) INV=803.02 (N)

100773 EX SS CB RIM=806.85 INV=803.55 (NW)

100796 EX SS CB RIM=807.39 INV=801.97

INV=803.99

100794 EX SS MH RIM=806.72 INV=802.80 (N) INV=802.72 (S)

100793 EX SS MH RIM=806.16 FULL OF W

100795 EX SS MH RIM=806.92 INV=786.97 (NW) INV787.02 (SE)

100797 EX SS CB RIM=806.03 INV=800.73 (N) INV=800.33 (S) SUMP=797.53

100798 EX SS CB RIM=805.10 INV=801.30 (N) SUMP=798.10

100799 EX SS MH RIM=805.46 INV=800.26 (E) INV=798.46 (W) INV=798.36

100800 EX SAN MH RIM=804.64 INV=787.34 (E,W)

100801 EX SS INL RIM=805.70 INV=798.40 (N,S)

100609 EX SS CB RIM=805.55 INV=801.51

12" DIP

BLIND TIE

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

0 50' 100'

KEY PLAN

WISE RD, IRVING PARK RD, BARRINGTON RD, GARY AVE, SPRINGFIELD RD, RODENBURG RD, WRIGHT BLVD, MITCHELL BLVD, S RIDGELLE RD, PLUM GROVE ROAD, MEACHAM RD, IRONWING RD, I-290, N ARLINGTON HEIGHTS RD, PROSPECT RD, TONNE RD, WITTEL DR, WOOD DALE RD, BUSSE IL-83 NI, YORK RD

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FILE NAME = DIEOWB-sht-ex-drain-WISI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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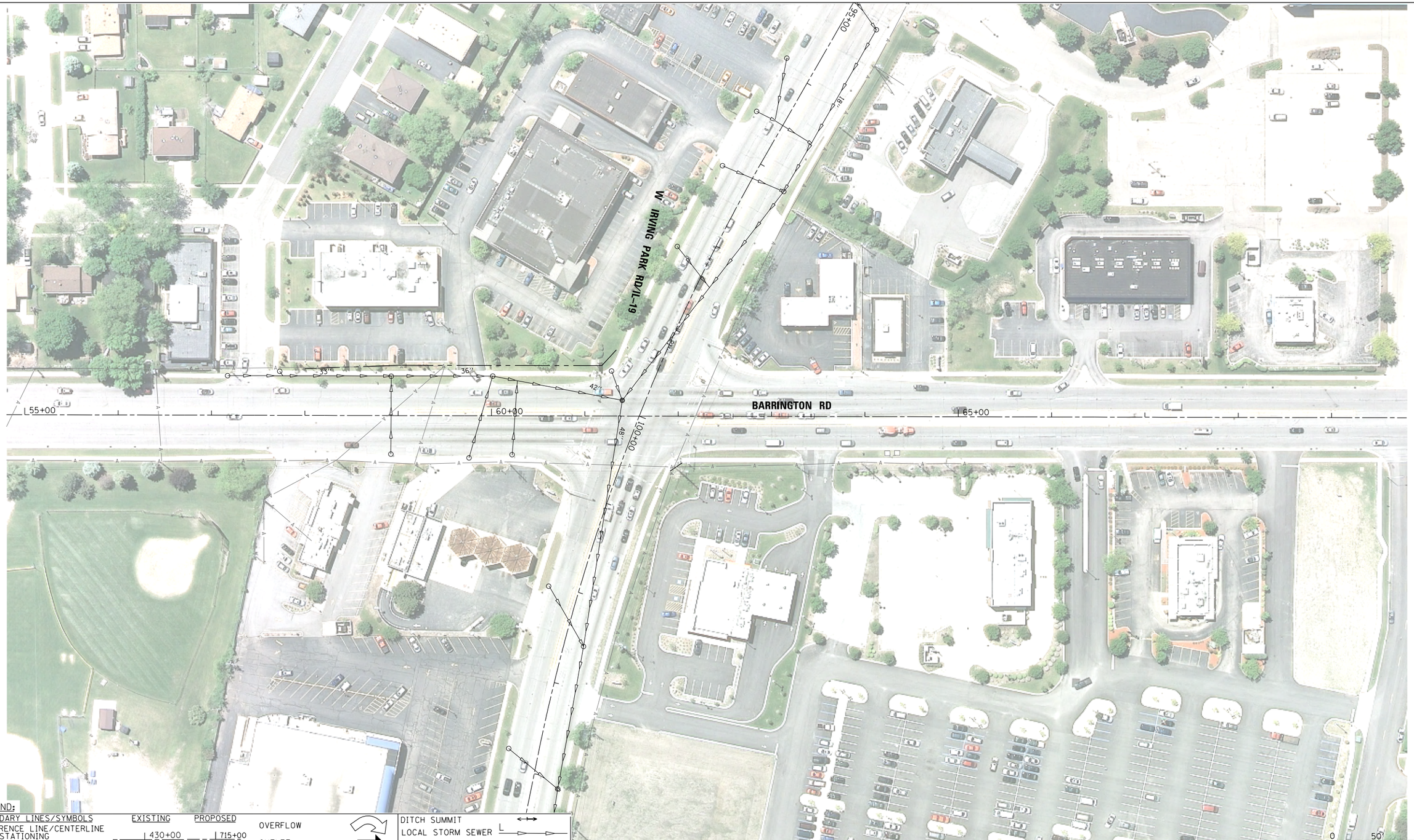
Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
IRVING PARK ROAD

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	144
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



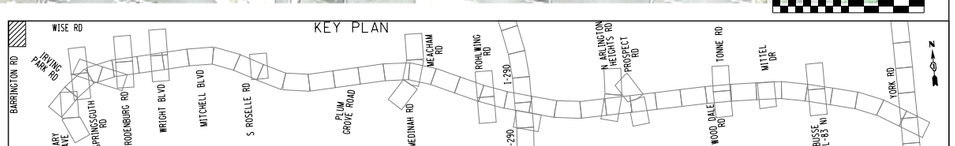
LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	L 430+00	L 715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

KEY PLAN



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		DRAWN PWN / MYG	REVISED -	
	PLOT SCALE = 100'	CHECKED CW	REVISED -	
	PLOT DATE = 10/18/2012	DATE -	REVISED -	

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WEST BRANCH DUPAGE RIVER WATERSHED
IRVING PARK ROAD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	145
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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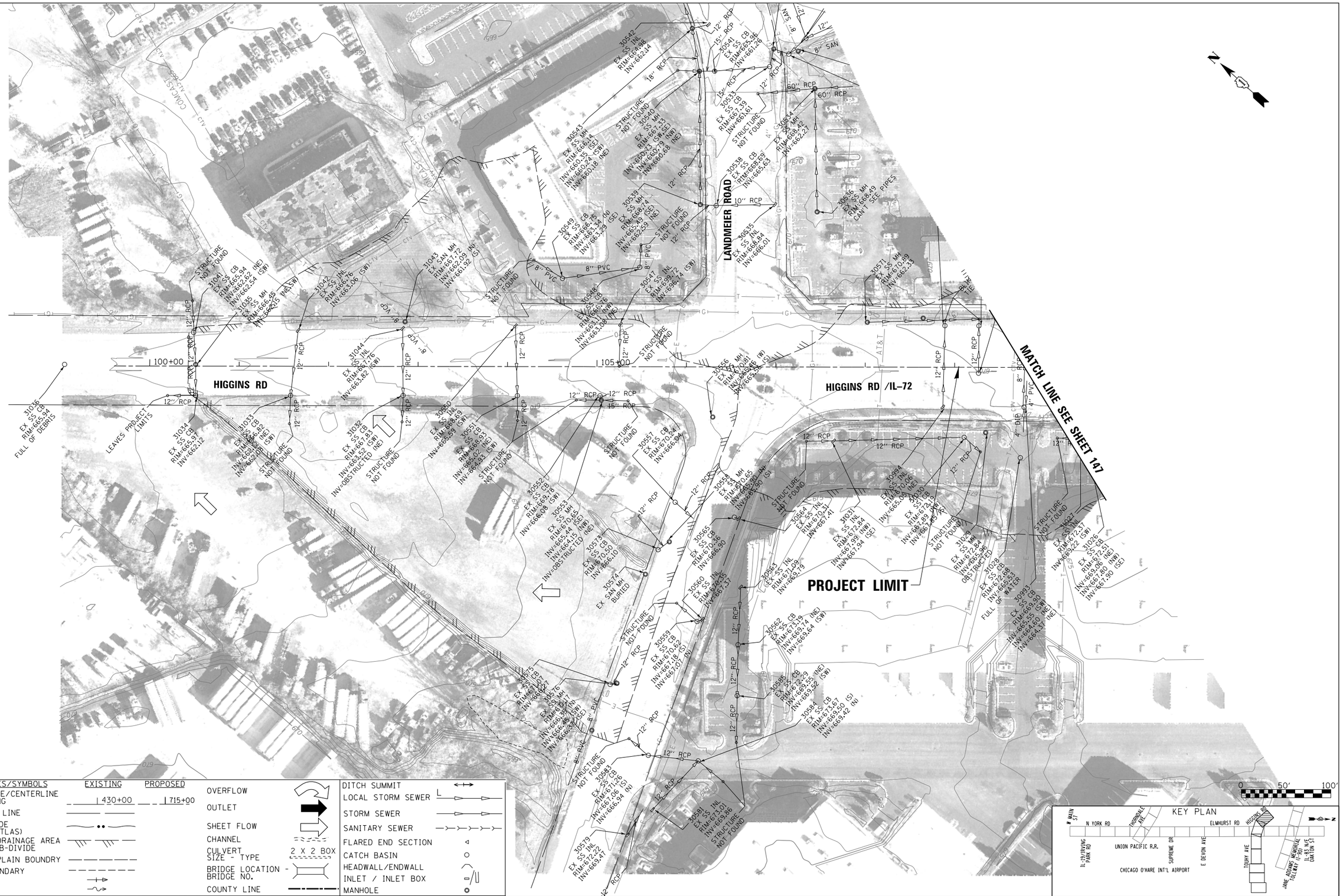

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	
DITCH SUMMIT	
LOCAL STORM SEWER	
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-HIGl.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation
CHRISTOPHER B. BURKE ENGINEERING

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
HIGGINS ROAD (IL-72)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	146
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYD\CAD\Sheets\DIEOWB-sht-ex-drain-HIGl.dgn

MATCH LINE SEE SHEET 146

MATCH LINE SEE SHEET 148

HIGGINS RD /IL-72

ELMHURST RD (IL RT 83)

ELMHURST RD (IL RT 83)

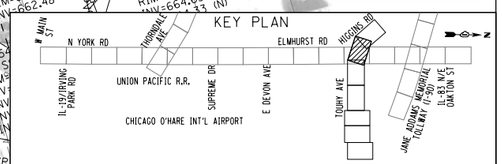
TOUHY AVE

SEE SHEET 52

N

0 50' 100'

KEY PLAN



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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
HIGGINS ROAD (IL-72)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	147
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE SEE SHEET 147

MATCH LINE SEE SHEET 149

TOUHY AVE

L 125+00

L 130+00

30466 EX SS CB RIM=660.24 INV=654.19

STRUCTURE NOT FOUND

BLIND TIE

30467 EX SS CB RIM=661.03 INV=655.17

30468 EX SS MH RIM=661.39 INV=654.59 (NE) INV=653.34 (W) INV=653.29 (E)

30465 EX SS INL RIM=657.48 INV=653.98 (N) INV=653.63 (S)

30463 EX SS CB RIM=659.42 INV=657.32

30459 EX SS INL RIM=659.05 INV=656.75

30458 EX SS CB RIM=659.05 INV=656.60 (W) INV=655.78 (S)

30457 EX SS CB RIM=659.13 INV=656.01 (6" S) INV=655.88 (12" SW)

30456 EX SS CB RIM=659.51 INV=657.11

30455 EX SS MH RIM=659.56 INV=657.31 (W) INV=652.09 (W) INV=651.89 (E)

30454 EX SS MH RIM=660.35 INV=655.90 (SW) INV=654.35 (S)

BLIND TIE

30452 EX SS MH RIM=660.39 INV=654.24

30436 EX SS MH RIM=660.42 INV=653.72 (N) INV=653.22 (W,E)

30451 EX SS CB RIM=659.59 INV=654.94

30448 EX SS CB RIM=660.03 INV=649.86 (E) INV=649.58 (W)

30587 EX SS CB RIM=658.59 INV=652.59

30588 EX SS MH RIM=658.91 INV=652.19 (SW) INV=649.41 (W,E)

30449 EX SS MH RIM=659.22 FULL OF WATER

30445 EX SS CB RIM=659.01 INV=655.26

30586 EX SS CB RIM=658.57 INV=654.82

30450 EX SS CB RIM=659.46 INV=654.11

30441 EX SS CB RIM=659.67 FULL OF WATER

30442 EX SS CB RIM=659.64 INV=654.54

30443 EX SS MH RIM=659.93 INV=652.43 (S) INV=652.63 (10" VCP W) INV=652.51 (18" W) INV=652.63 (10" VCP E) INV=652.38 (18" E)

30654 EX SS CB RIM=659.24 INV=654.81

30655 EX SS CB RIM=658.93 INV=655.83

30658 EX SS INL RIM=658.52 INV=654.02 (S) INV=653.82 (N)

30660 EX SAN MH RIM=659.77 INV=650.63

30659 EX SAN MH RIM=659.89 INV=650.96

30677 EX SS CB RIM=659.49 INV=656.74 (S) INV=656.64 (N)

30678 EX SS CB RIM=659.55 INV=657.00

30679 EX SS CB RIM=659.63 INV=657.33

30303 EX SS INL RIM=662.14 INV=657.94 (S) INV=657.84 (W)

30302 EX SS INL RIM=661.72 INV=658.82 (S) INV=657.17 (E) INV=657.07 (W)

30301 EX SS INL RIM=661.92 INV=658.32 (S) INV=656.42 (E) INV=656.32 (NW)

30298 EX SS INL RIM=661.31 INV=656.11 (S) INV=656.06 (N)

30474 EX SS CB RIM=661.73 INV=654.45

30290 EX SS INL RIM=664.11 INV=658.26 (W) INV=658.11 (E)

30289 EX SS MH RIM=665.20 INV=659.80 (NE) INV=659.30 (SE) INV=658.55 (W)

30473 EX SS INL RIM=660.19 INV=655.84

30464 EX SS MH RIM=659.64 INV=654.54 (N) INV=654.44 (S)

30460 EX SS MH RIM=659.30 FULL OF WATER

30462 EX SS MH RIM=659.46 INV=653.61

30430 EX SS MH RIM=659.89 INV=654.29 (12" S) INV=654.34 (6" S) INV=653.44 (E)

30453 EX SS INL RIM=659.94 INV=656.79

10275I EX SS MH RIM=659.24 FULL OF WATER

30427 EX SS CB RIM=659.17 INV=654.57 (E) INV=654.27 (N)

30469 EX SS INL RIM=659.95 INV=654.43

30297 EX SS MH RIM=660.13 INV=654.78

30428 EX SS INL RIM=659.09 INV=655.74

30429 EX SS CB RIM=659.09 INV=655.74

30432 EX SS CB RIM=659.89 INV=653.74

30434 EX SS MH RIM=660.74 INV=654.29

INV 18"=659.64

INV 15"=659.46

INV 8"=654.70

INV=656.25

INV=655.88

STRUCTURE NOT FOUND

LEAVES PROJECT LIMITS

COMCAST

BP AMOCO

BUCKEYE PARTNERS 36" 8"

TWO GAS LINES

TWO GAS LINES HERE?

KEY PLAN

N YORK RD

THORNDALE AVE

ELMHURST RD

HIGGINS RD

W MAIN ST

IL-19/IRVING PARK RD

UNION PACIFIC R.R.

SUPREME DR

E DEVON AVE

TOUHY AVE

CHICAGO O'HARE INT'L AIRPORT

JANE ADDAMS MEMORIAL TOLLWAY (I-90)

IL-83 MVE OAKTON ST

0 50' 100'

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-HIG3.dgn

FILE NAME = DIEOWB-sht-ex-drain-HIG3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
TOUHY AVENUE

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	148
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE SEE SHEET 148

MATCH LINE SEE SHEET 150

TOUHY AVE

CITY OF DES PLAINES

COMCAST

A&T

30589 EX SS CB RIM=658.18 INV=652.33

30592 EX SS CB RIM=657.80 INV=652.05

30593 EX SS CB RIM=657.39 INV=651.74

30595 EX SS CB RIM=657.29 INV=654.34

30596 EX SS CB RIM=658.73 INV=654.58

30598 EX SS CB RIM=657.26 INV=654.31 (W) INV=654.26 (E)

30599 EX SS CB RIM=658.17 INV=654.82 (NW) INV=654.42 (E)

30603 EX SS CB RIM=658.06 INV=655.06

30604 EX SAN MH RIM=659.11 INV=648.21

30605 EX SS MH RIM=657.44 INV=649.24 (S) INV=647.04 (W) INV=646.91 (E)

30600 EX SAN MH RIM=659.59 INV=650.54

30601 EX SS MH RIM=659.21 INV=654.16 (W) INV=654.21 (S)

30602 EX SS CB RIM=657.09 INV=654.24 (NE) INV=650.64 (N)

30606 EX SS CB RIM=656.38 INV=650.03

30687 EX SS CB RIM=657.27 INV=653.92

30688 EX SS CB RIM=655.09 INV=651.72

30718 EX SS CB RIM=655.12 INV=648.67

30717 EX SS CB RIM=654.24 INV=647.84

30716 EX SS CB RIM=653.08 INV=646.53

30715 EX SS MH RIM=653.49 INV=645.39 (W) INV=644.87 (E)

30691 EX SS CB RIM=654.21 INV=650.86

30692 EX SS MH RIM=654.59 INV=649.44

30693 EX SS CB RIM=653.05 INV=648.60

30694 EX SS CB RIM=653.33 INV=647.23 (W) INV=647.23 (E) INV=647.18 (S)

30666 EX SS CB RIM=658.18 INV=654.38 (S) INV=654.13 (N)

30667 EX SS CB RIM=659.90 INV=655.60 (S) INV=655.55 (W)

30674 EX SS INL RIM=657.79 INV=653.39

30676 EX SS CB RIM=657.67 INV=653.67

30684 EX SS CB RIM=657.41 INV=653.26

30685 EX SS CB RIM=657.32 INV=653.42

30640 EX SS INL RIM=657.92 INV=656.62 STRUCTURE NOT FOUND

30638 EX SAN MH RIM=657.08 INV=647.40 (W,E) INV=648.43 (N)

30639 EX SS MH RIM=659.54 INV=655.34 (S) INV=655.14 (W,E)

30637 EX SS INL RIM=658.04 INV=655.46 STRUCTURE NOT FOUND

30636 EX SAN MH RIM=659.15 INV=646.75 (S) INV=646.71 (W) INV=646.55 (E)

42373 EX SS MH RIM=658.23 INV=654.43

30673 EX SS CB RIM=658.59 KNLL OR DEBRIS

30675 EX SS MH RIM=658.33 INV=652.78 (S) INV=650.80 (W) INV=651.00 (18" W) INV=650.95 (18" E) INV=650.40 (N)

30645 EX SS INL RIM=657.06 INV=652.81 (S) INV=652.56 (N)

30664 EX SAN MH RIM=660.68 INV=654.98

30665 EX SS CB RIM=659.89 INV=655.29 (E,W) INV=655.05 (N)

30663 EX SS CB RIM=659.97 INV=655.67 (S) INV=655.62 (E)

30670 EX SAN MH RIM=659.23 INV=649.58

30629 EX SS CB RIM=653.48 INV=647.23

30635 EX SS CB RIM=654.55 INV=650.30

30630 EX SAN MH RIM=655.08 INV=644.88 (W) INV=644.80 (E)

30625 EX SS CB RIM=653.13 INV=649.93

30608 EX SS MH RIM=655.79 INV=649.39 (SE) INV=647.55 (S) INV=647.31 (E)

30609 EX SS CB RIM=653.22 INV=648.92 (S) INV=648.12 (N)

30610 EX SS INL RIM=653.84 INV=650.19 (S) INV=650.14 (N)

30631 EX SS CB RIM=653.08 INV=649.23 (S) INV=648.73 (N)

30624 EX SS MH RIM=653.74 INV=649.09

30623 EX SS CB RIM=653.35 INV=649.45

30632 EX SS INL RIM=653.80 INV=650.30 (S) INV=650.15 (N)

30627 EX SS CB RIM=653.91 INV=650.72

STRUCTURE NOT FOUND

310+00

305+00

300+00

295+00

190+00

N

0 50' 100'

KEY PLAN

W MAIN ST · N YORK RD · THORNDALE AVE · ELMHURST RD · HIGGINS RD · IL-19/IRVING PARK RD · UNION PACIFIC R.R. · SUPREME DR · E DEVON AVE · TOUHY AVE · CHICAGO O'HARE INT'L AIRPORT · JANE ADDAMS MEMORIAL TOLLWAY (I-90) W/E · IL-83 W/E DARLTON ST

FILE NAME = DIEOWB-sht-ex-drain-HIG4.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -	
		DRAWN PWN / MYG	REVISED -	
	PLOT SCALE = 100'	CHECKED CW	REVISED -	
	PLOT DATE = 10/18/2012	DATE -	REVISED -	

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
TOUHY AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	149
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-HIG4.dgn

MATCH LINE SEE SHEET 149

N

STRUCTURE NOT FOUND

1295+00

1400+00

1550+00

1600+00

TOUHY AVE

HIGGINS CREEK

FLOODWAY

BLIND TIE

30695 EX SS CB RIM=651.93 INV=648.33 12" RCP

30719 EX SS MH RIM=652.47 INV=647.27

30696 EX SS CB RIM=651.38 INV=647.98

30697 EX SS CB RIM=651.30 FULL OF WATER

30698 EX SS MH RIM=651.65 INV=646.10 (W,NW) INV=646.05 (E)

30699 EX SS CB RIM=651.65 INV=646.85

30713 EX SS CB RIM=652.04 INV=646.63 10" RCP 48" RCP

30708 EX SS CB RIM=651.29 INV=646.49 10" RCP

30707 EX SS CB RIM=651.15 INV=645.95 12" RCP

30706 EX SS MH RIM=651.96 INV=646.66 (S) INV=644.41 (E,W)

30705 EX SS CB RIM=651.95 INV=646.20

30703 EX SS INL RIM=654.09 INV=648.13

30702 EX SS INL RIM=655.42 INV=648.36

30700 EX SS INL RIM=655.27 INV=648.36

EX SS MH RIM = 656.96

42" RCP CULVERT INV = 650.05

42" RCP CULVERT INV = 648.22

30" PIPE CULVERT INV = 649.45

36" CMP CULVERT INV 643.64

CULVERT 649.40

30949 EX SS CB RIM=659.68 BOLTED LID

30950 EX SS CB RIM=659.53 BOLTED LID

30947 EX SS CB RIM=659.79 BOLTED LID

100-YR FLOODPLAIN 647.51

HIGGINS CREEK OUTLET HG 24

TWIN 9' WIDE X 4' RISE RCBC

TWIN 13.5' WIDE X 8' RISE RCBC

SEE "IL ROUTE 72 / TOUHY AVENUE OVER HIGGINS CREEK" HYDRAULIC REPORT

0 50' 100'

KEY PLAN

N MAIN ST · N YORK RD · THORNDALE AVE · ELMHURST RD · HIGGINS RD · IL-19/IRVING PARK RD · UNION PACIFIC R.R. · SUPREME DR · E DEVON AVE · TOUHY AVE · CHICAGO O'HARE INT'L AIRPORT · JANE ADDAMS MEMORIAL TOLLWAY (I-90) N/E · IL-83 N/E · DARLTON ST

MATCH LINE SEE SHEET 151

FILE NAME = DIEOWB-sht-ex-drain-HIG5.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
TOUHY AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	150
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-HIG5.dgn

FILE NAME = DIEOWB-sht-ex-drain-HIG6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
TOUHY AVENUE /MT. PROSPECT ROAD

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	151
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-HIG6.dgn

FILE NAME = DIEOWB-sht-ex-drain-HIG7.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
TOUHY AVENUE /MT. PROSPECT ROAD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	152
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-HIG7.dgn

SEE SHEETS 88, 156

MATCH LINE SEE SHEET154

FRANKLIN AVE

RUNGE ST

ACORN LN

OUTLET
SIL 8

48" HDPE

24" RCP (L)

10" VCP

15" RCP (L)

18" VCP

10" PVC

8" VCP

4" DIP (L)

6" DIP (L)

10" RCP (L)

10" RCP (L)

10" RCP (L)

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

EX SS RESTRICTOR CB
RIM=654.86
INV=653.06 (E)

250205
EX SS RESTRICTOR CB
RIM=654.86
INV=653.06 (E)

250204
EX SS CB
RIM=665.12
INV=662.72 (NE)

250207
EX SS CB
RIM=655.44
INV=649.23 (W)
INV=649.15 (S)

250241
EX SS CB
RIM=655.97
INV=650.80 (W)

250242
EX SS MH
RIM=654.96
INV=650.46 (E)
INV=650.36 (E)
INV=648.56 (S)
INV=649.39 (W)
INV=648.61 (N)

250240
EX SS CB
RIM=655.86
INV=650.26 (W)

250208
EX SAN MH
RIM=657.65
INV=645.41 (NW)
INV=640.35 (S)
INV=640.55 (SE)

250305
EX SAN MH
RIM=655.44
INV=639.79 (NW)
INV=639.73 (S)
INV=640.14 (S)

250306
EX SAN MH
RIM=655.15
INV=645.04 (W)
INV=639.70 (W)

250306
EX SAN MH
RIM=654.35
INV=638.89 (NW,SE)
INV=641.95 (S)

INV=655.52

INV=654.41

INV=654.93

10+00

25+00

125+00

110+00

0 50' 100'

KEY PLAN

LAKE ST/US-20 E
W NORTH AVE
GRAND AVE
TRI-STATE TOLLWAY (I-294)
IL-19/IRVING PARK RD
FRANKLIN AVE
TAFT AVE
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
TOUHY AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DEOWB-sht-ex-drain-FRA3.dgn

FILE NAME = DEOWB-sht-ex-drain-FRA3.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
FRANKLIN AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	153
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE SEE SHEET155

MATCH LINE SEE SHEET153

115+00

120+00

125+00

FRANKLIN AVE

SANDRA ST

48" CMP

18" VCP

12" VCP

12" VCP

12" VCP

12" VCP

12" VCP

6" VCP

12" VCP

250320
EX SAN MH
RIM=653.56
INV=638.85

250312
EX SAN MH
RIM=653.41
INV=638.71 (NW,SE)

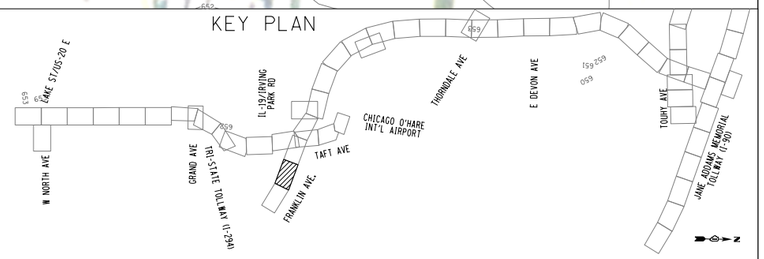
250323
EX SAN MH
RIM=652.80
INV=638.90 (S)
INV=638.10 (NW)
INV=637.95 (SE)

250325
EX SAN MH
RIM=651.67
INV=643.47 (S)
INV=638.07 (NW)
INV=637.87 (SE)

OUTLET
SIL 9

0 50' 100'

KEY PLAN



FILE NAME = DIEOWB-sht-ex-drain-FRA2.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
FRANKLIN AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	154
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-FRA2.dgn

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

KEY PLAN

FILE NAME = DIEOWB-sht-ex-drain-FRAI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
FRANKLIN AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	155
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYD\CAD\Sheets\DIEOWB-sht-ex-drain-FRAI.dgn

SEE SHEET 89

SEE SHEET 88

MATCH LINE SEE SHEET 157

SEE SHEET155

UNION PACIFIC R.R.

OLD TAFT AVE

FRANKLIN AVE

PIPE PLUGGED

STRUCTURE NOT FOUND

BLIND TIE

COM ED 16.5" PVC CONDUIT

GROUND OMITTED OBSTRUC

48" CMP

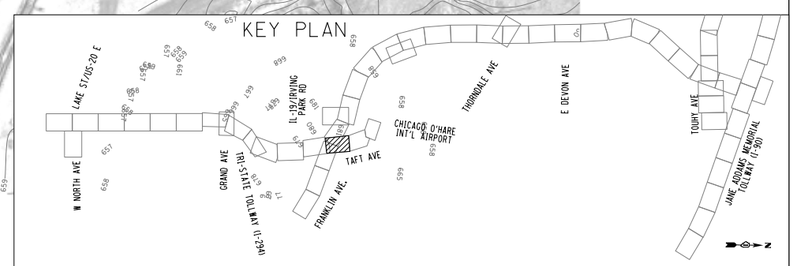
0 50' 100'

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	
DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

KEY PLAN



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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

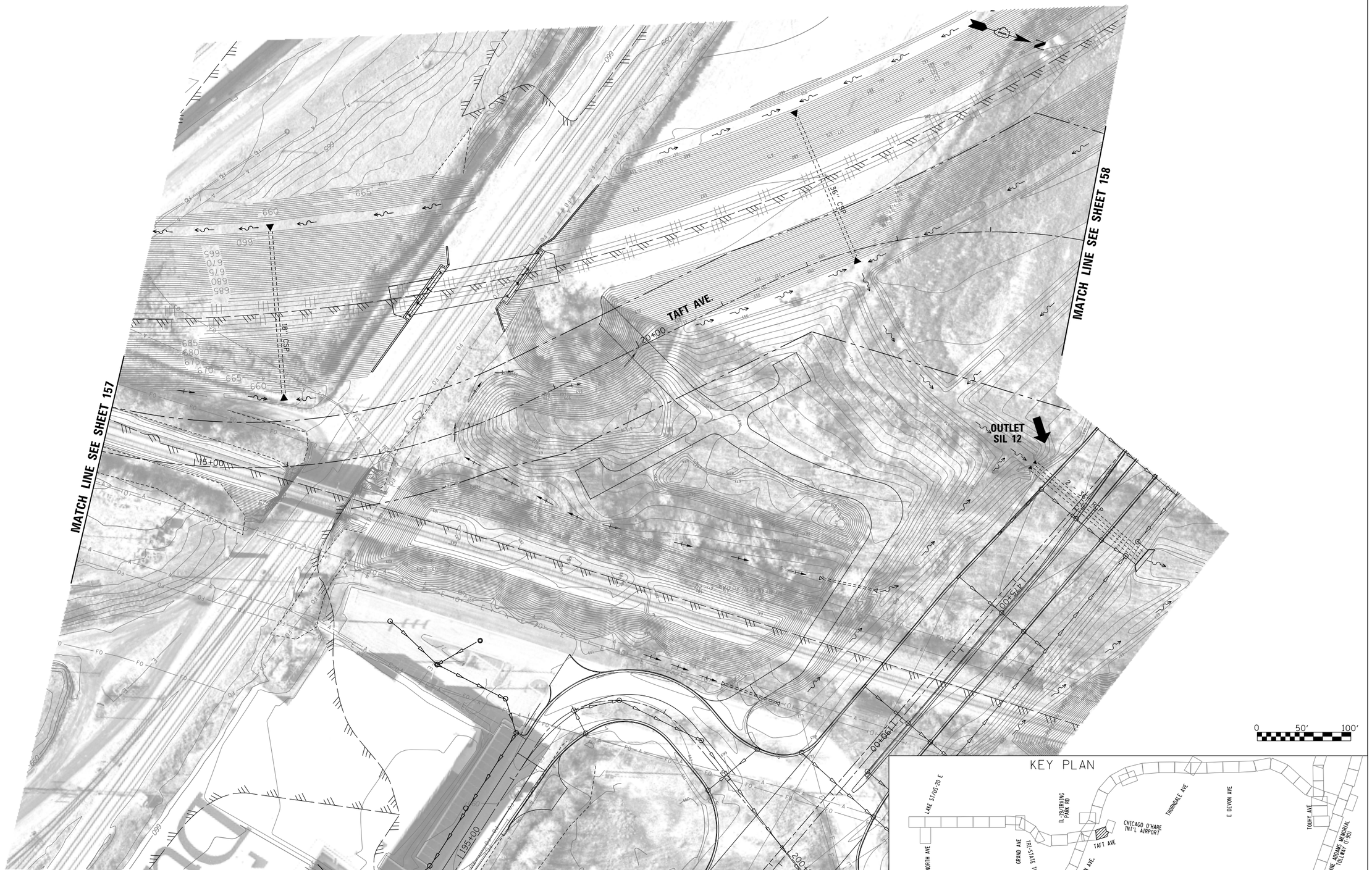
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
TAFT AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	156
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-TAFT.dgn



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	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
TAFT AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	157
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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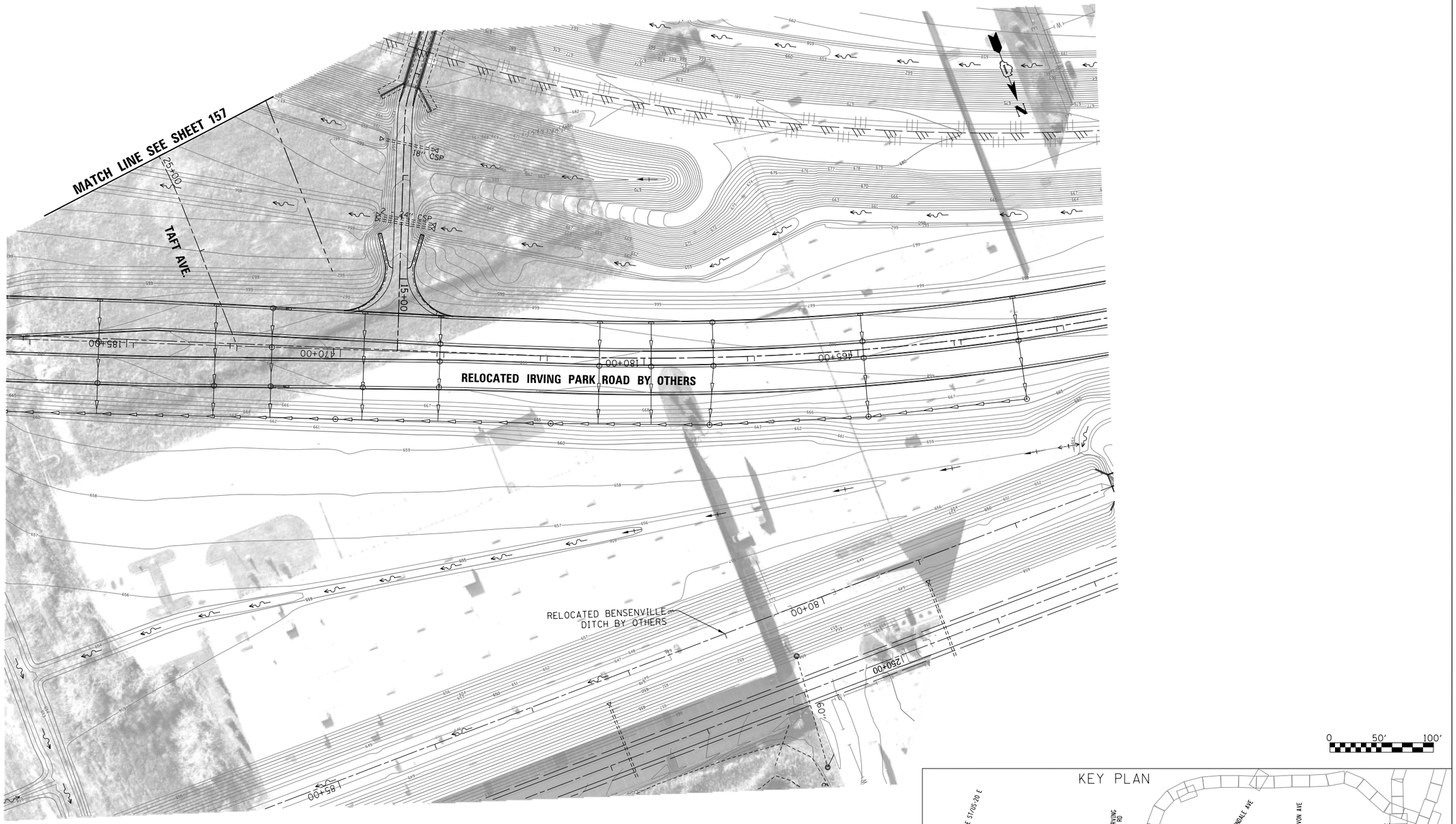

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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED
TAFT AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	158
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

FILE NAME = DIEOWB-sht-ex-drain-RAMPi.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
WILLOW CREEK WATERSHED
THORNDALE AVE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	159
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HYV\CAD\Sheets\DIEOWB-sht-ex-drain-RAMPi.dgn

SEE SHEET 93

SEE SHEET 94

E ROOSEVELT AVE

IL-19 E/W IRVING PARK RD

OUTLET
BN 6

54" RCP

RELOCATED BENSENVILLE
DITCH BY OTHERS

N

0 50' 100'

KEY PLAN

TRI-STATE TOLLWAY (I-294)
W PROSPECT RD
E GREEN ST
CHICAGO O'HARE INT'L AIRPORT
THORNDALE AVE
E DEVON AVE
N YORK RD
IDLEWILD AVE
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FILE NAME = DIEOWB-sht-ex-drain-RAMU6.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED / BENSENVILLE DITCH WATERSHED
RAMP U6

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	160
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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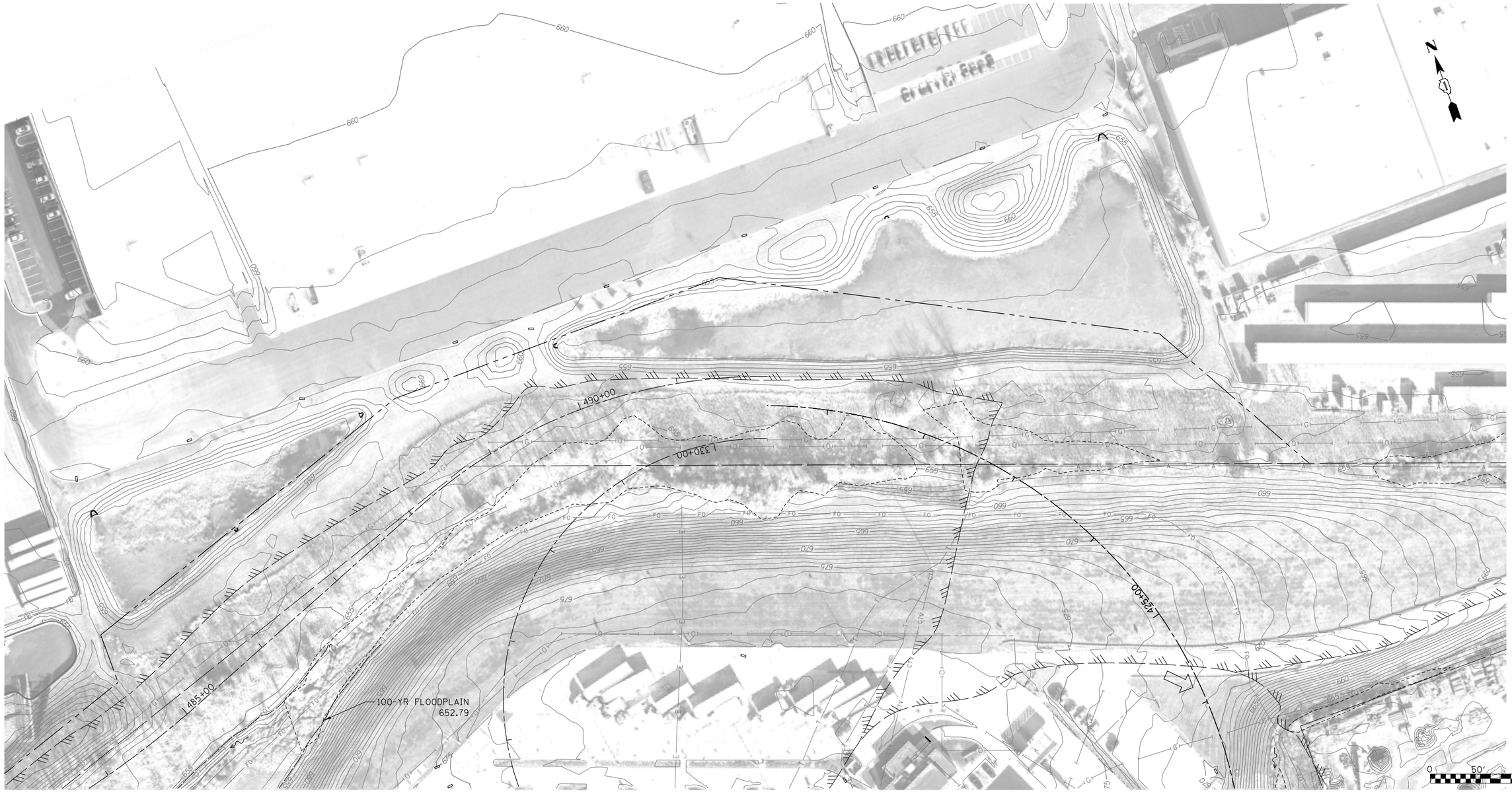
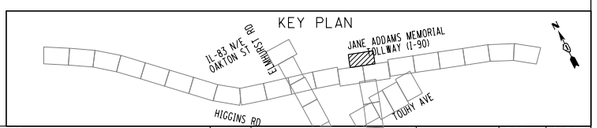


SEE SHEETS 69, 70

KEY PLAN



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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
HIGGINS CREEK WATERSHED
JANE ADDAMS MEMORIAL TOLLWAY (I-90)

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	161
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36i80 - Elgin O'Hare - West Bypass\TIER_TWO\H\CAD\Sheets\DIEOWB-sht-ex-drain-RAMXI.dgn

SEE SHEETS 77, 78

101276
EX SS MH
RIM=655.85
INV=650.65 (W)

101277
EX SS MH
RIM=656.11
INV=650.41 (W)

101292
EX SS MH
RIM=656.17
INV=650.52

48" RCP

STRUCTURE NOT FOUND

48" RCP

102001
EX SS CB
RIM=652.83
FULL OF SILT

102002
EX SS CB
RIM=653.48
INV=648.73 (NE)
INV=648.63 (S)

102003
EX SS CB
RIM=651.16
INV=648.76 (N)

18"

FLAP GATE

8" LOW FLOW

18"

15" RCP

101291
EX SS CB
RIM=655.78
INV=653.78 (NW)

102000
EX SS INL
RIM=653.62
INV=650.42 (S)

300179
EX SS CB
RIM=653.60
INV=648.85 (N)
INV=648.66 (S)

2 - 34" X 53"

101278
EX SS INL
RIM=653.60
INV=651.05 (N)
INV=651.25 (W)

55+00

18" RCP

4023
EX SS TILE
RIM=654.21
6" CPP

4027
EX SS TILE
RIM=653.56
6" CPP

INV=648.45 (E,W)
INV=648.66 (S)

60+00

18" RCP

18" RCP

4024
EX SS TILE
RIM=654.71
6" CPP

4025
EX SS TILE
RIM=654.00
6" CPP

4028
EX SS TILE
RIM=653.51
6" CPP

4029
EX SS TILE
RIM=653.96
6" CPP

STRUCTURE NOT FOUND

4018
EX SS TILE
RIM=654.70
6" CPP

300177
EX SS MH
RIM=655.42
INV=649.22 (N,S)
INV=649.02 (W)
INV=648.97 (E)

65+00

18" RCP

45 DEG BEND UNDER PAVEMENT

60"

4017
EX SS TILE
RIM=655.00
6" CPP

4019
EX SS TILE
RIM=654.86
6" CPP

4020
EX SS TILE
RIM=654.41
6" CPP

102023
EX SS INL
RIM=651.75
INV=650.19 (SW)

4022
EX SS TILE
RIM=654.31
6" CPP

4026
EX SS TILE
RIM=653.69
6" CPP

300178
EX SS CB
RIM=654.39
INV=649.24 (N)
INV=649.01 (W)
INV=648.84 (E)

102021
EX SS INL
RIM=652.05
INV=648.95 (N)

102022
EX SS MH
RIM=653.01

20+00

72"

4030
EX SS TILE
RIM=654.04
6" CPP

STRUCTURE NOT FOUND

283290
EX SS MH
RIM=667.00
INV=SWD

STRUCTURE NOT FOUND

STRUCTURE NOT FOUND

12" RCP

300239
EX SS CB
RIM=661.07
INV=656.17 (NE)

30"

STRUCTURE NOT FOUND

300240
EX SS CB
RIM=655.42
INV=648.77 (NE)

24" 12" RCP

300238
EX SS CB
RIM=656.59
INV=652.09 (NE)

LAKE ST

300227
EX SS MH
RIM=653.80
INV=648.50 (NW,SE)

300237
EX SS CB
RIM=653.88
INV=650.93 (NE)

300242
EX SS MH
RIM=653.90
INV=650.95 (NW,SE)

300233
EX SS CB
RIM=653.14
FULL OF WATER

300226
EX SS MH
RIM=657.11
INV=650.86 (W,E)

300225
EX SS CB

12" RCP

30" RCP

24" RCP

GROUND DATA OMITTED

102020
EX SAN MH
RIM=653.91
INV=640.96

45 DEG BEND INTO SPILLWAY HEADWALL

LOW FLOW INV 653.50

72" INV 654.50

12" LOW FLOW OUTLET FROM 72" RCP

102019
EX SS CB
RIM=651.99
INV=647.19 (N)
INV=647.49 (E)

INV 640.78

OUTLET AD 9

GROUND DATA OMITTED

DOYLE RESERVIOR

300241
EX SS IN
RIM=652.94
INV=648.64 (N)
INV=647.94 (E)

8" VCP

24" RCP

4037
EX SS CB
RIM=653.80
24" RCP INV=649.50 (E)
24" RCP INV=649.50 (W)

102004
EX SS CB
RIM=654.36
FULL OF SILT

102017
EX SS MH
RIM=655.04
INV=649.34 (N)
INV=646.74 (W)
INV=646.64 (E)

102005
EX SS CB
RIM=656.11
INV=651.11 (N)

10" RCP

18" RCP

12" RCP

8" VCP

24" RCP

4038
EX SS MH
RIM=654.16
24" RCP INV=647.76 (E)
24" RCP INV=647.16 (W)
12" RCP INV=649.72 (SW)

NORTH AVE

102012
EX SS CB
RIM=655.83
FULL OF DEBRIS

102014
EX SS CB
RIM=656.21
INV=650.91

102016
EX SS CB
RIM=654.10
INV=649.50 (S)
INV=649.50 (S)

102015
EX SS MH
RIM=656.88
INV=650.88 (N)
INV=650.88 (S)

102013
EX SS MH
RIM=656.15
UNABLE TO OPEN

102011
EX SAN MH
RIM=656.03
INV=635.33 (N)
INV=635.23 (S)

RAILROAD AVE

102008
EX SS CB
RIM=656.88
INV=650.58 (S)

102007
EX SS MH
RIM=657.56
INV=648.66 (W)

102006
EX SS MH
RIM=657.44
UNABLE TO OPEN

4044
EX SS MH
RIM=656.26
24" RCP INV=646.31 (E)
24" RCP INV=646.36 (W)
12" RCP INV=649.61 (NW)

102010
EX SS CB
RIM=655.47
INV=651.47 (SE)

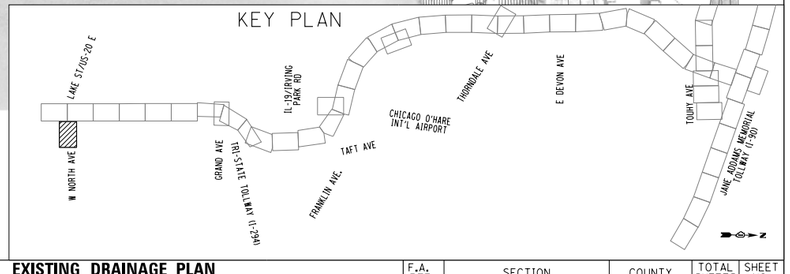
12" RCP

102009
EX SS CB
RIM=656.50
INV=650.30 (NW)
INV=650.30 (NE)

N

0 50' 100'

KEY PLAN



LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	430+00	715+00
RIGHT OF WAY LINE		
DRAINAGE DIVIDE (HYDROLOGIC ATLAS)		
INTERPRETED DRAINAGE AREA TO OUTLET/SUB-DIVIDE		
100-YR FLOODPLAIN BOUNDRY		
FLOODWAY BOUNDARY		
SWALE		
DITCH		

OVERFLOW	
OUTLET	
SHEET FLOW	
CHANNEL	
CULVERT SIZE - TYPE	2 X 2 BOX
BRIDGE LOCATION - BRIDGE NO.	
COUNTY LINE	

DITCH SUMMIT	
LOCAL STORM SEWER	L
STORM SEWER	
SANITARY SEWER	
FLARED END SECTION	
CATCH BASIN	
HEADWALL/ENDWALL	
INLET / INLET BOX	
MANHOLE	

FILE NAME = DIEOWB-sht-ex-drain-NORI.dgn	USER NAME = mantas	DESIGNED JOC / MA	REVISED -
		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

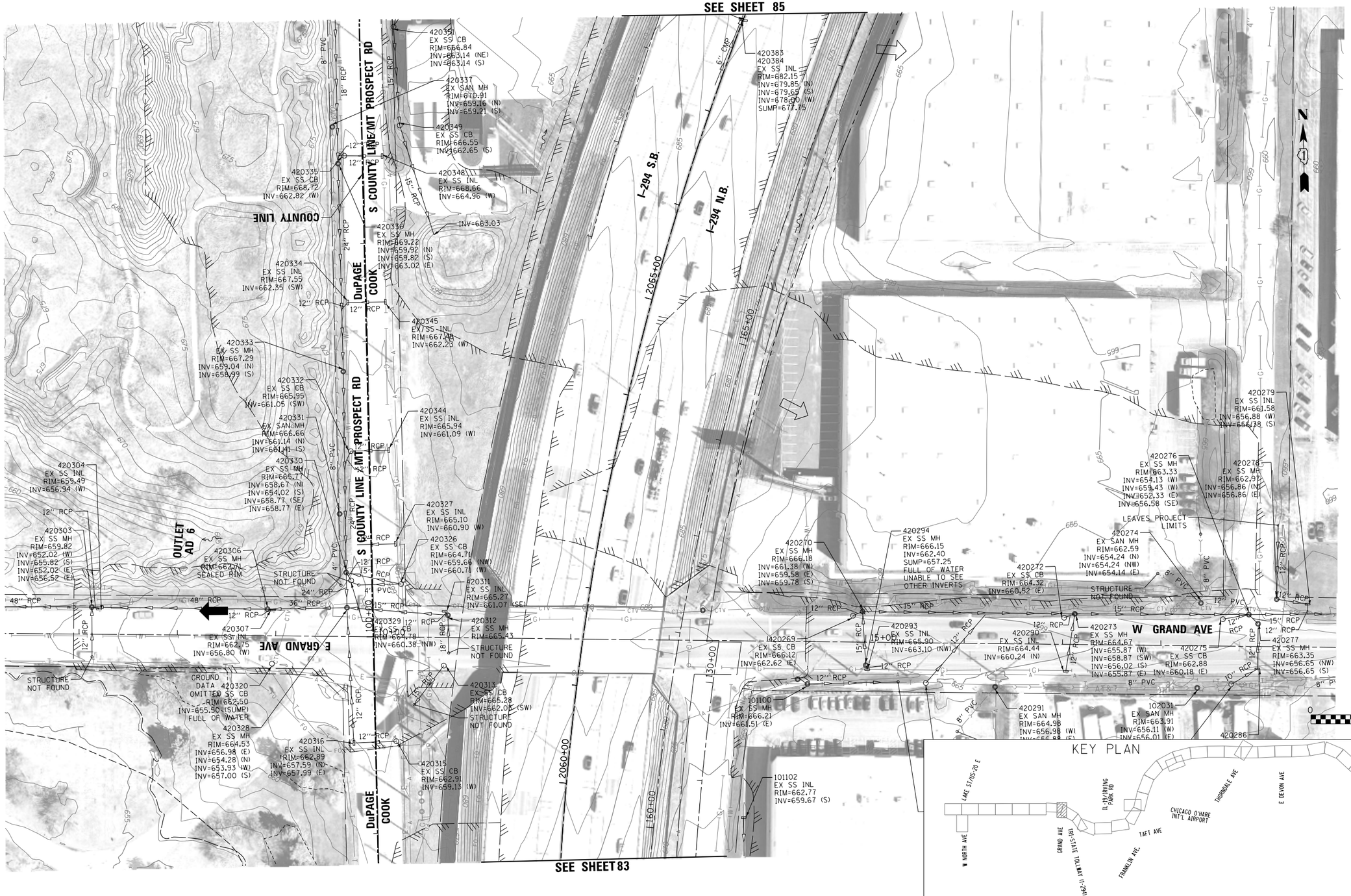
CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
NORTH AVE

FULL BUILD | SHEET NO. | OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	162
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-NORI.dgn



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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
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Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
ADDISON CREEK WATERSHED
GRAND AVENUE

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	163
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-GRDI.dgn

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		DRAWN PWN / MYG	REVISED -
	PLOT SCALE = 100'	CHECKED CW	REVISED -
	PLOT DATE = 10/18/2012	DATE -	REVISED -

ELGIN O'HARE WEST BYPASS
communities. opportunities. solutions.

Illinois Department of Transportation

CHRISTOPHER B. BURKE ENGINEERING, LTD.

EXISTING DRAINAGE PLAN
SILVER CREEK WATERSHED / ADDISON CREEK WATERSHED
MOUNT PROSPECT ROAD

FULL BUILD | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK,DuPAGE	164	164
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Y:\36180 - Elgin O'Hare - West Bypass\TIER_TWO\HY\CAD\Sheets\DIEOWB-sht-ex-drain-MPRI.dgn