



ROCK ISLAND  
ILLINOIS

# CITY OF ROCK ISLAND, ILLINOIS

(FAU 5820)

30TH STREET

31ST AVENUE TO BLACKHAWK ROAD

SECTION # 09-00186-00-RS

PROJECT # ARA-5074(081)

CITY JOB NO. 2592

CONTRACT NO. :85497

JOB NO. : C-92-153-09

MAYOR  
DENNIS E. PAULEY

ALDERMEN	WARD
TERRY M. A. BROOKS I	1
DAVID A. CONROY	2
PAUL J. FOLEY	3
STEPHEN L. TOLLENAER	4
JASON JONES	5
JOY MURPHY	6
CHARLES AUSTIN III	7

CITY MANAGER  
JOHN C. PHILLIPS

PUBLIC WORKS DIRECTOR  
ROBERT T. HAWES, P.E.

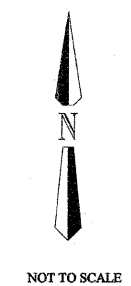
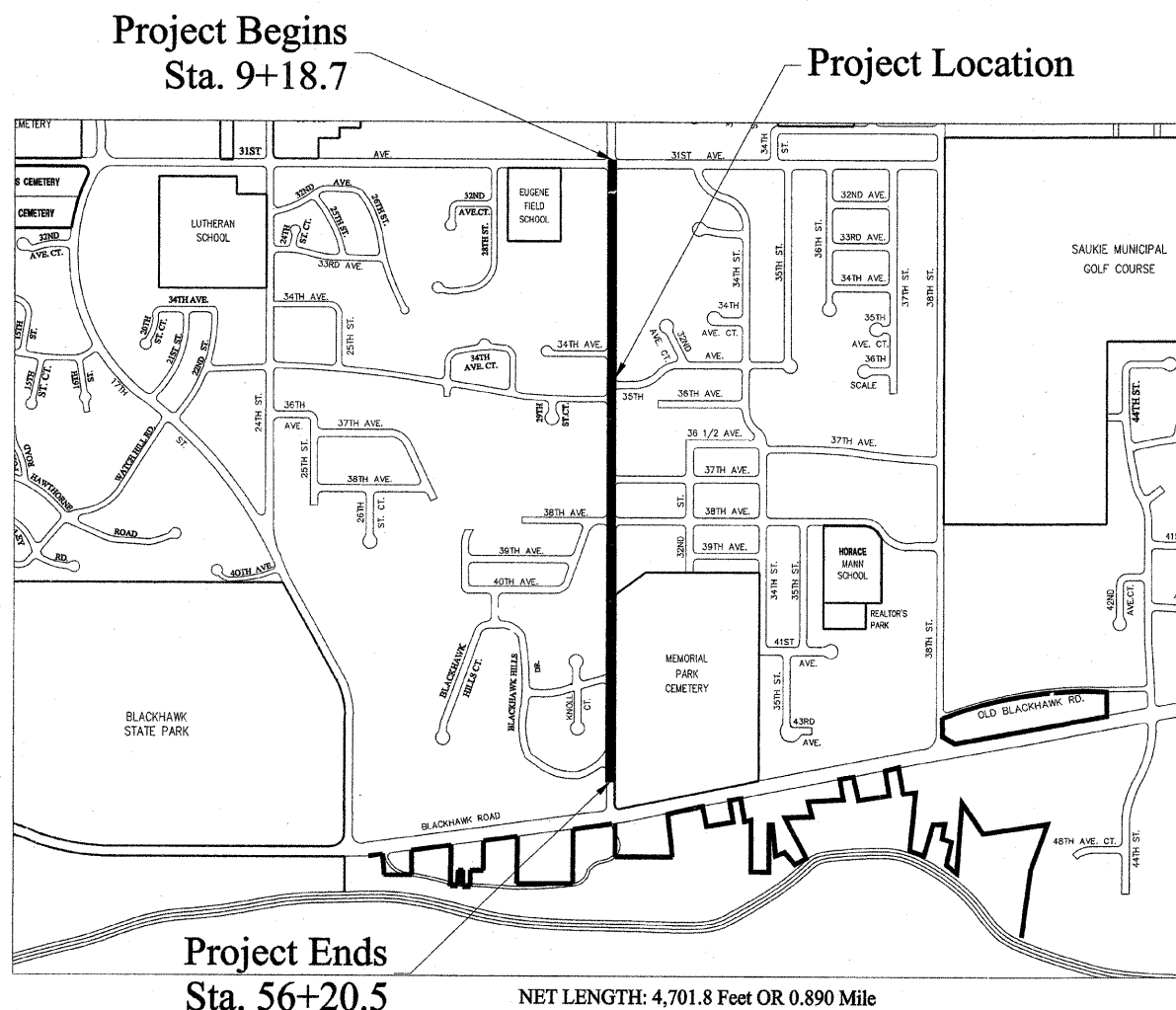
CITY ENGINEER  
JAMES E. JOHNSON, P.E.

INDEX OF SHEETS		
SHEET NO.	TITLE	SCALE
1	Cover Sheet	Not to Scale
2 - 5	Typical Sections	Not to Scale
6	Quantities And Legend	Not to Scale
7 - 10	Schedule of Quantities	Not to Scale
11 - 20	Plan And Profile - Road	1" = 20' Horiz 1" = 5' Vert
21 - 22	Pavement Marking Detail	1" = 30'
23 - 28	Traffic Control Detail	1" = 50'
29	Driveway Cross-Sections	1" = 10' Horiz 1" = 5' Vert
30 - 31	Paving Cross-Sections	1" = 20' Horiz 1" = 5' Vert
32 - 43	CRI Standard Details	Not to Scale

Functional Classification: Arterial  
ADT: 7500; 10% Trucks  
Design Speed: 30 M.P.H.

STRUCTURAL DESIGN INFORMATION	
STRUCTURAL DESIGN TRAFFIC FOR THE YEAR 2007	PV = 8425 SU = 130 MU = 45
ROAD / STREET CLASSIFICATION: CLASS II	LOAD LIMIT: 80,000 LBS.
TRAFFIC FACTOR: 0.44	SUBGRADE SUPPORT: POOR
TRANSVERSE JOINT SPACING: 15 FT.	SHOULDER TYPE: INTEGRAL CURB AND GUTTER
OVERLOADS: 2 PER WEEK	DESIGN PAVEMENT THICKNESS: 9 INCHES

Standards	
420001-07	Pavement Joints
606001-04	Concrete Curb, Type B and Concrete Combination Curb and Gutter
701006-03	Off Rd Operations, 2L 2W, 4.5m (15') to 600mm (24") From Pavement Edge
701301-03	Lane Closure, 2L, 2W, Short Time Operations
701311-03	Lane Closure, 2L, 2W Moving Operations - Day Only
701331-03	Lane Closure, 2L, 2W, With Run-Around For Speeds ≥ 45 MPH
701606-06	Urban Lane Closure, Multilane, 2W, with Mountable Median
701701-06	Urban Lane Closure, Multilane Intersection
701801-04	Lane Closure, Multilane, 1W or 2W Crosswalk or Sidewalk Closure
701901-01	Traffic Control Devices
720011-01	Metal Posts for Signs, Markers, & Delineators
728001-01	Telescoping Steel Sign Support
729001-01	Applications of Types A & B Metal Posts (For Signs & Markers)
BLR 10-6	PCC Pavement, Special (Nonreinforced)
BLR 21-8	Typical Application of Traffic Control Devices for Construction on Rural Local Highways



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

*Michael J. Kane* 10/19/2009  
MICHAEL J. KANE, P.E. REG. #62-051886  
ASSISTANT CITY ENGINEER  
LICENSE EXPIRES: NOVEMBER 30, 2009

THESE PLANS PREPARED BY: CITY OF ROCK ISLAND ENGINEERING DIVISION PUBLIC WORKS DEPARTMENT	
APPROVED	10/19/2009 DATE
<i>Michael J. Kane</i> ASSISTANT CITY ENGINEER	
PASSED	NOV 12 2009 20
<i>George F. Gray</i> DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID	NOV 12 2009 20
BASED ON LIMITED REVIEW	NOV 12 2009 20
<i>George F. Gray</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER	

**UTILITY OWNERS**

MIDAMERICAN ENERGY COMPANY  
2811 - 5TH AVE  
ROCK ISLAND, ILLINOIS 61201

AMERITECH  
635 - 18TH ST.  
ROCK ISLAND, ILLINOIS 61201

MEDIACOM  
3900-26TH AVENUE  
MOLINE, ILLINOIS 61265

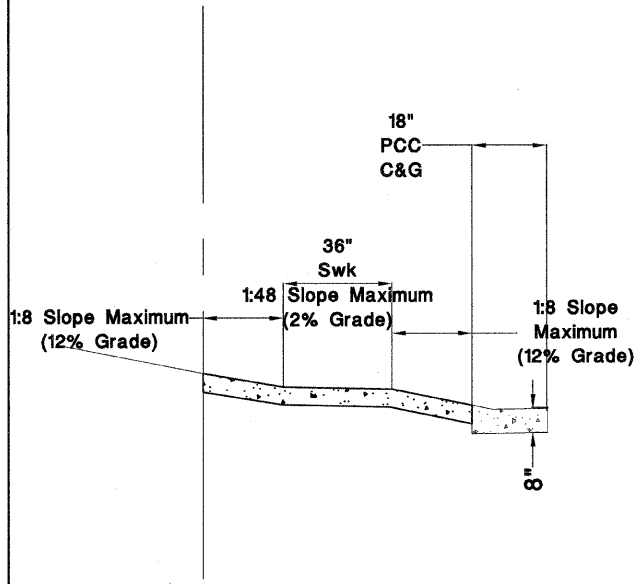
CITY OF ROCK ISLAND  
MUNICIPAL SERVICES DIVISION  
1309 MILL STREET  
ROCK ISLAND, ILLINOIS 61201

FOR UTILITY LOCATIONS CALL:  
J.U.L.I.E. @ 1-800-892-0123 OR 811

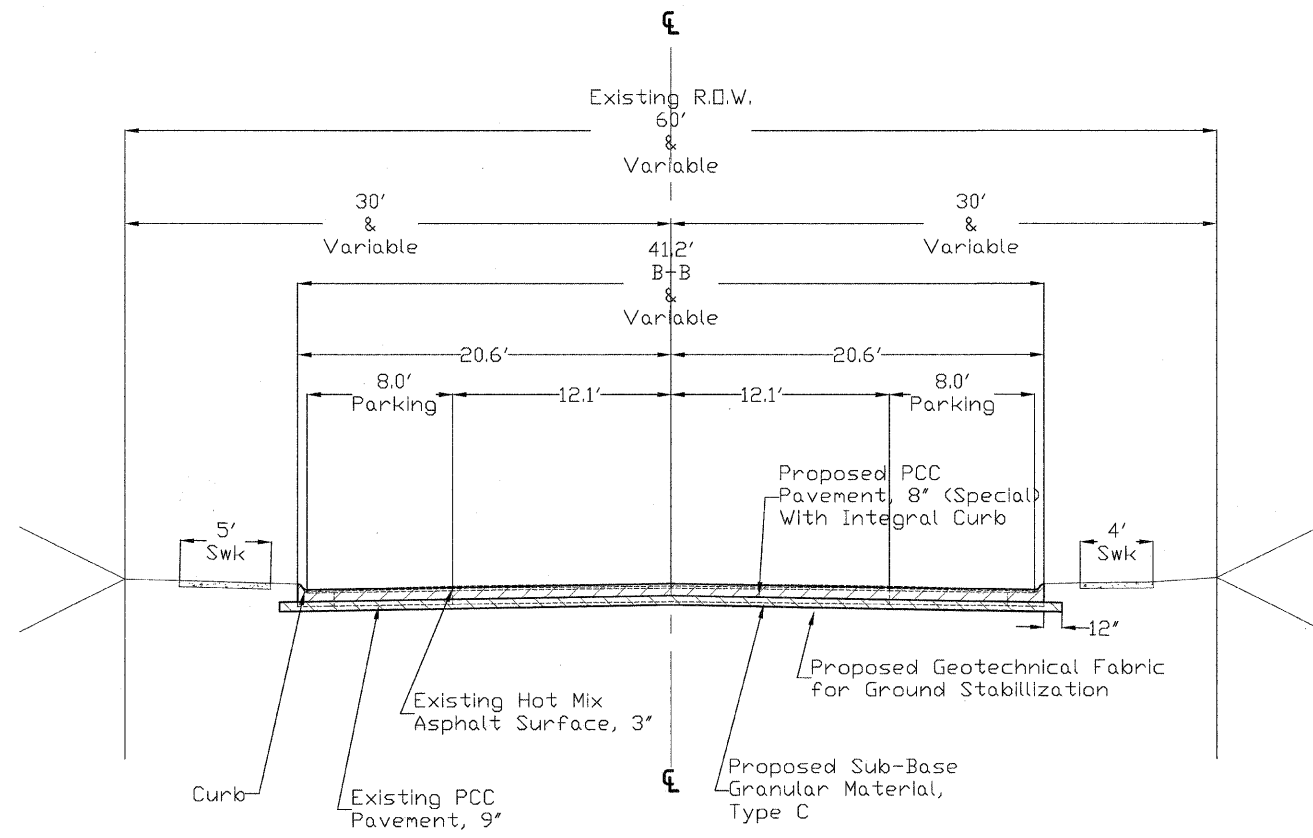


NOTE:  
THIS PROJECT IS LOCATED IN THE  
SW 1/4 OF SEC 12, SE 1/4 OF SEC 12, NE 1/4 OF SEC 13, NW 1/4 OF SEC 13, T17N,  
R2W

Project Begins Sta. 9+18.7  
Project Ends Sta. 56+20.5  
NET LENGTH: 4,701.8 Feet OR 0.890 Mile

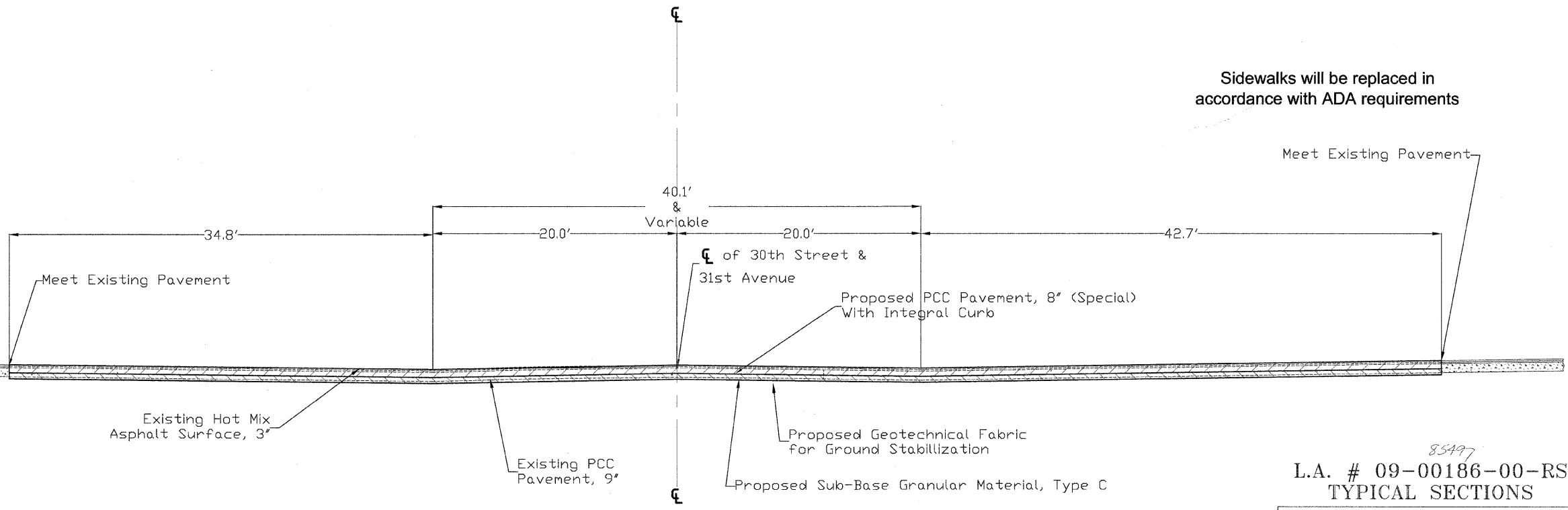


**Typical Driveway Section**  
**30th Street Resurfacing**  
**31st Avenue to Blackhawk Road**  
**Taken from Accessible Rights-of-Way:**  
**A Design Guide**  
**Published by the U.S. Architectural and**  
**Transportation Barriers Compliance Board**



**Typical Section**  
**(Sta. 9+18.7 to Sta. 9+50)**

Sidewalks will be replaced in accordance with ADA requirements



**Typical Section**  
**(Sta. 9+50 to Sta. 9+95)**

Sidewalks will be replaced in accordance with ADA requirements

Meet Existing Pavement

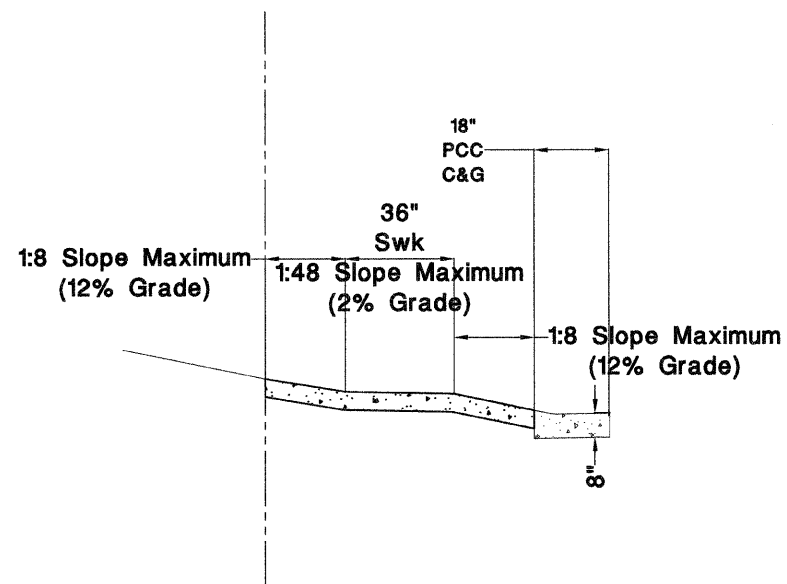
L.A. # 09-00186-00-RS  
 TYPICAL SECTIONS

**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

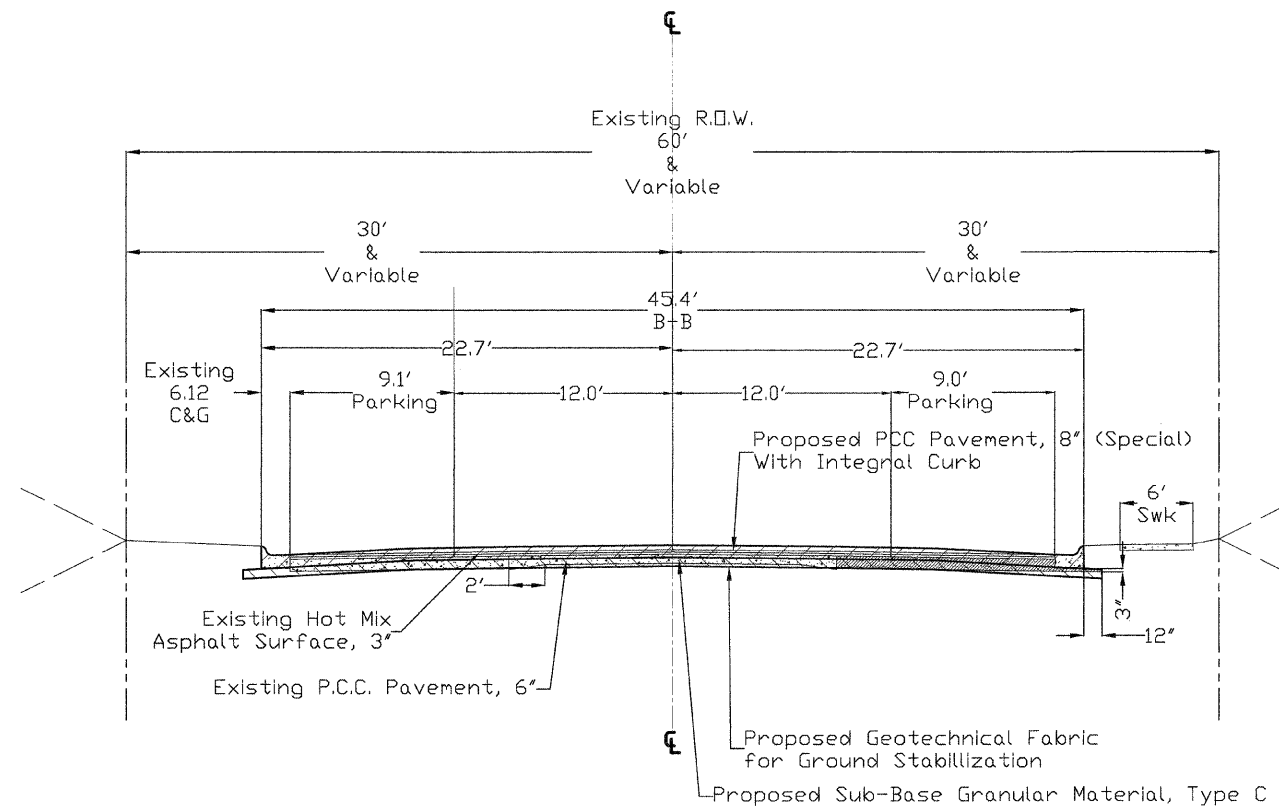
30th Street Resurfacing  
 31st Avenue to Blackhawk Road

Job Number	2592	Date	11-21-2008
Computer Drawing Name	2592 typ section.dwg	By	mdw
		Sheet	2
		Of	43



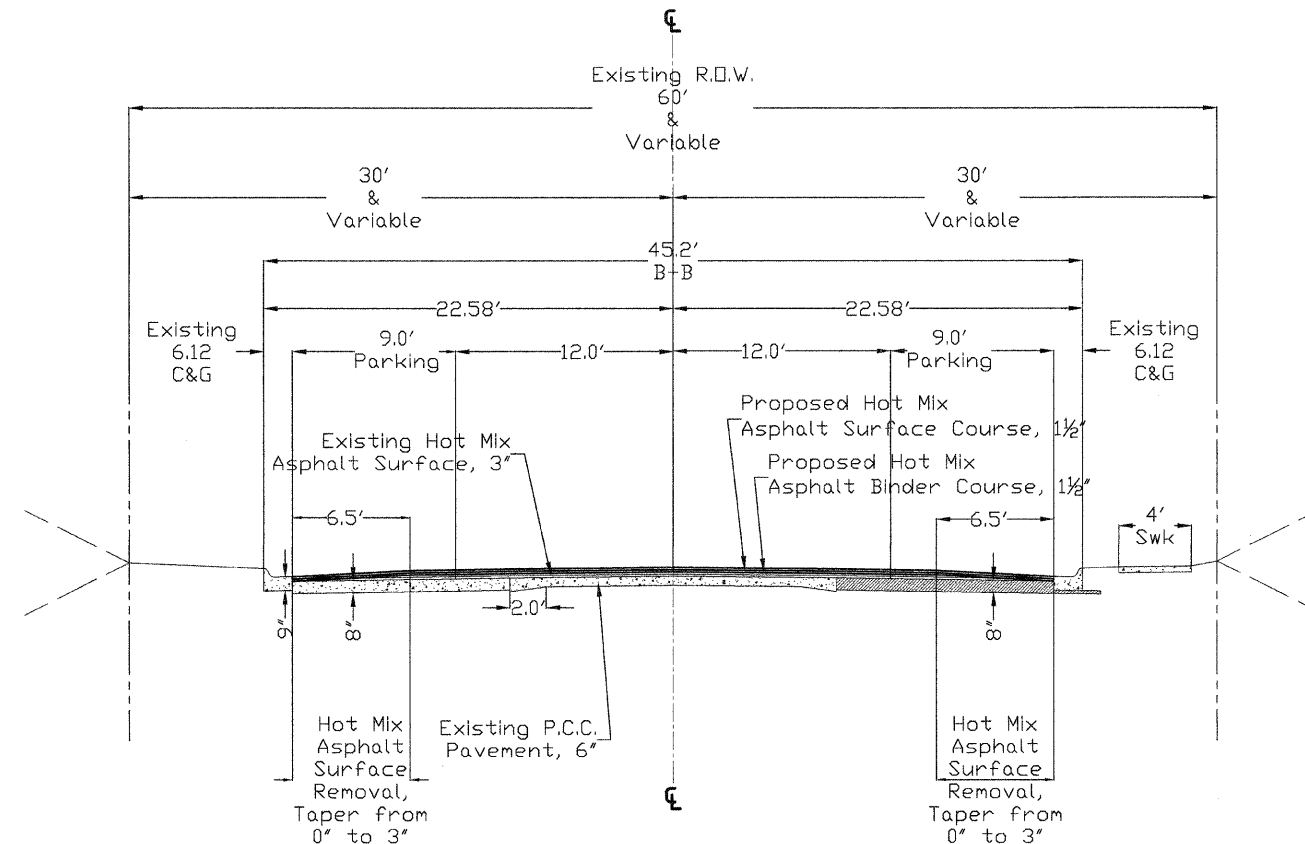


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**Typical Section**  
 (Sta. 9+95 to Sta. 10+35.5)

Sidewalks will be replaced in accordance with ADA requirements



**Typical Section**  
 (Sta. 10+35.5 to Sta. 10+75.5  
 & Sta. 18+98.8 to Sta. 52+45.6)

MIXTURE USES	SURFACE
AC/PG	PG-64-22
DESIGN AIR VOIDS	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICITION AGGREGATE	D

MIXTURE USES	LEVEL BINDER
AC/PG	PG-64-22
DESIGN AIR VOIDS	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICITION AGGREGATE	N/A

Sidewalks will be replaced in accordance with ADA requirements

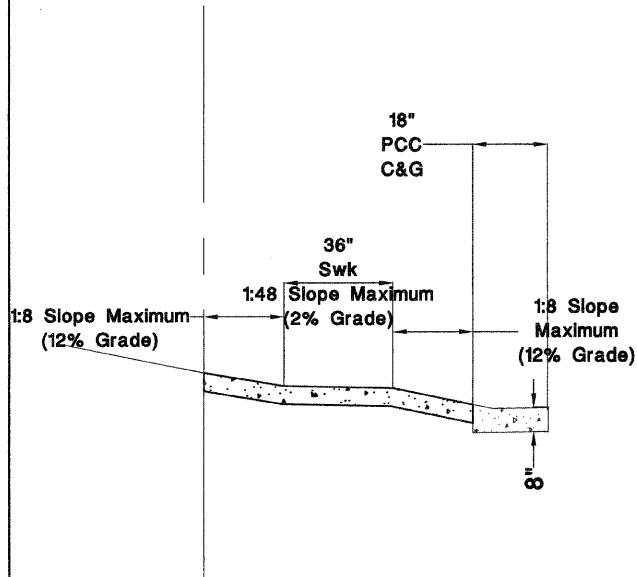
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 TYPICAL SECTIONS

**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

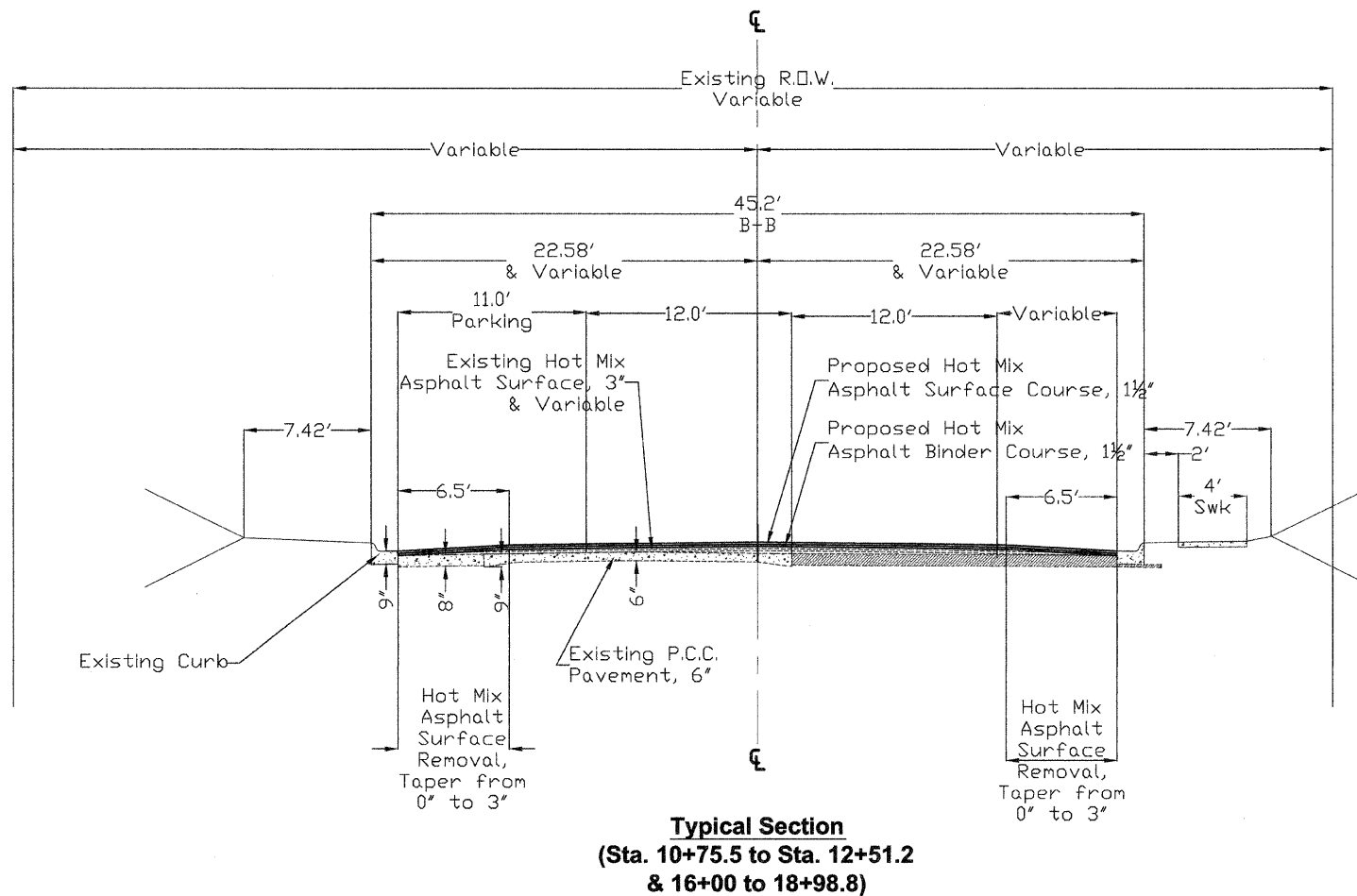
30th Street Resurfacing  
 31st Avenue to Blackhawk Road

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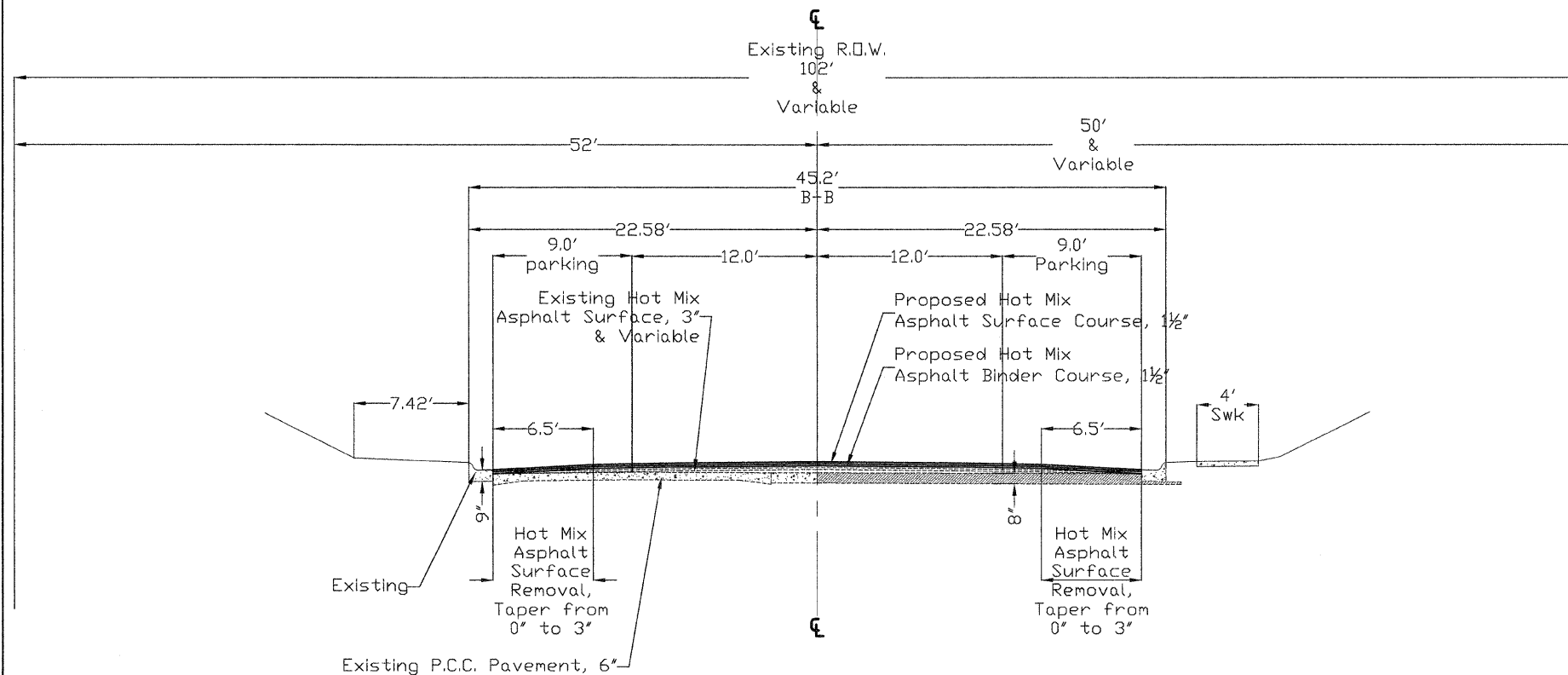


**Typical Section**  
**(Sta. 10+75.5 to Sta. 12+51.2**  
**& 16+00 to 18+98.8)**

MIXTURE USES	SURFACE
AC/PG	PG-64-22
DESIGN AIR Voids	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICION AGGREGATE	D

MIXTURE USES	LEVEL BINDER
AC/PG	PG-64-22
DESIGN AIR Voids	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICION AGGREGATE	N/A

Sidewalks will be replaced in accordance with ADA requirements



**Typical Section**  
**(Sta. 12+51.2 to Sta. 16+00)**

MIXTURE USES	SURFACE
AC/PG	PG-64-22
DESIGN AIR Voids	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICION AGGREGATE	D

MIXTURE USES	LEVEL BINDER
AC/PG	PG-64-22
DESIGN AIR Voids	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5
FRICION AGGREGATE	N/A

Sidewalks will be replaced in accordance with ADA requirements

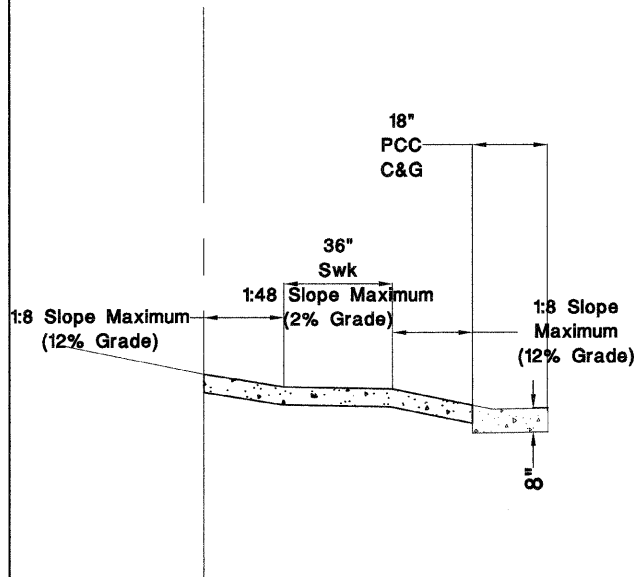
L.A. # 09-00186-00-RS  
 TYPICAL SECTIONS  
**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

30th Street Resurfacing  
 31st Avenue to Blackhawk Road

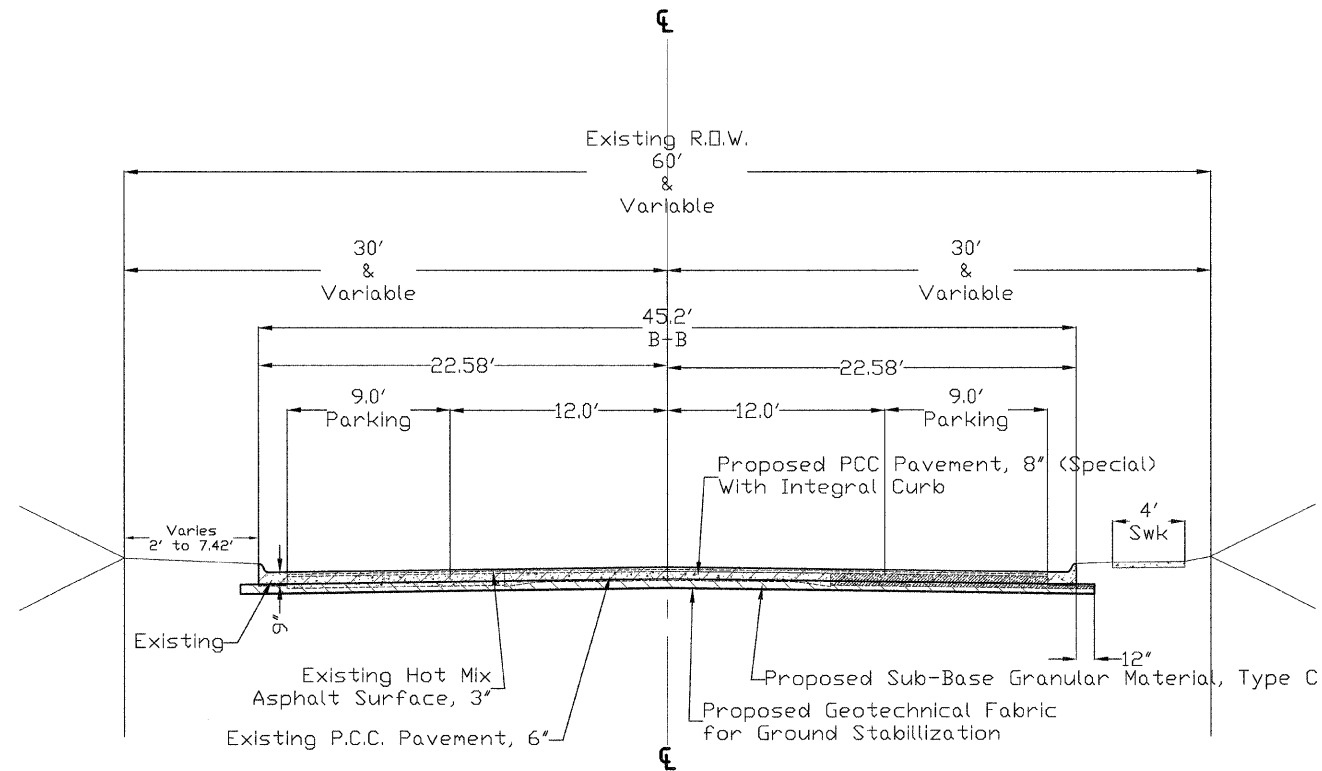
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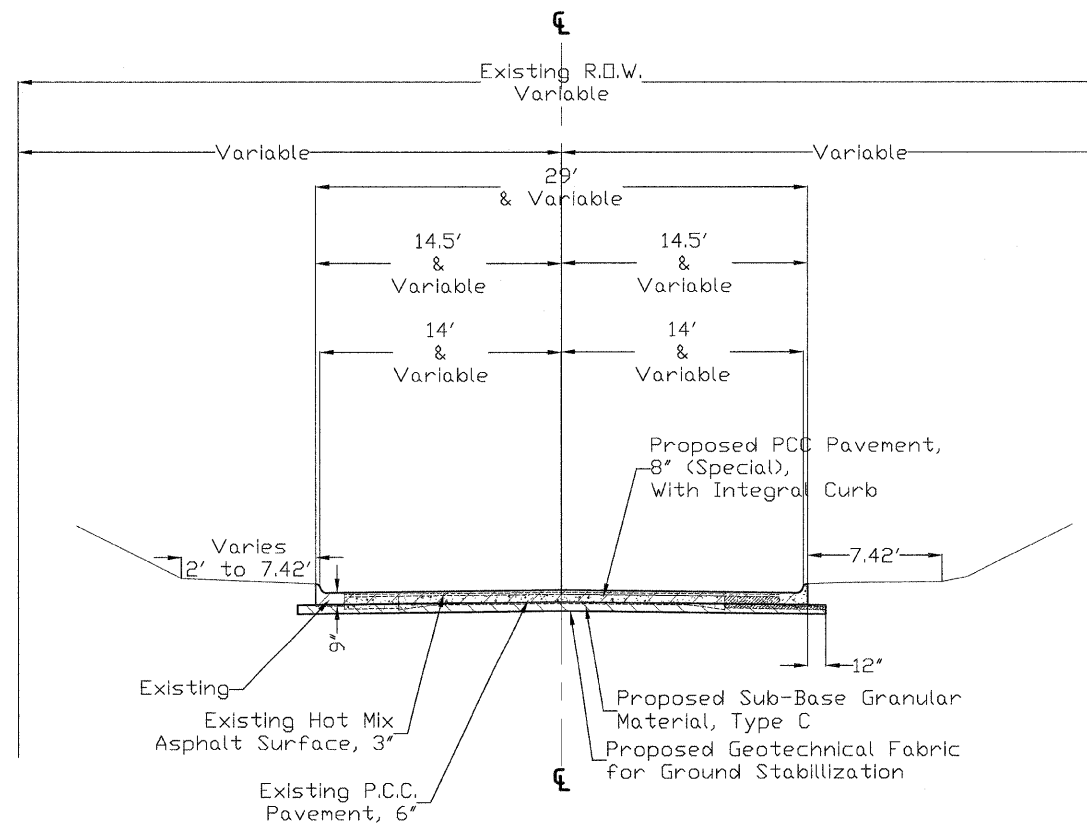


**Typical Driveway Section**  
**30th Street Resurfacing**  
**31st Avenue to Blackhawk Road**  
**Taken from Accessible Rights-of-Way:**  
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**Typical Section**  
**(Sta. 52+45.6 to Sta. 53+42.5)**

Sidewalks will be replaced in accordance with ADA requirements



**Typical Section**  
**(Sta. 53+42.5 to Sta. 56+20.5)**

Sidewalks will be replaced in accordance with ADA requirements

L.A. # 09-00186-00-RS  
 TYPICAL SECTIONS  
**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

30th Street Resurfacing  
 31st Avenue to Blackhawk Road

Job Number	2592	Date	11-21-2008
Computer Drawing Name	2592 typ sections.dwg	By	mdw
		Sheet	5
		Of	43



# LIST OF QUANTITIES

Item Number	Description	Units	Construction Type Code	
			J000	Non Part 1000
20200100	Earth Excavation	C.Y.	992	
20800150	Trench Backfill	C.Y.	89	
21001000	Geotechnical Fabric for Ground Stabilization	S.Y.	4,188	
25200100	Sodding	S.Y.	2,443	
28000500	Inlet and Pipe Protection	Each	61	
31101900	Sub-Base Granular Material, Type C	Ton	1,275	
35100100	Aggregate Base Course, Type A	Ton	838	
40600100	Bituminous Materials (Prime Coat)	Gal.	103	
40600400	Mixture For Cracks, Joints, And Flangeways	Ton	10	
40800625	Leveling Binder (Machine Method) N50	Ton	2,189	
40603335	Hot-Mix Asphalt Surface Course Mix "D" N50	Ton	1,926	
40800050	Incidental Hot-Mix Asphalt Surfacing	Ton	2	
42300200	PCC Driveway Pavement, 6"	S.Y.	453	
42300710	Portland Cement Concrete Driveway Pavement, 6 Inch, Special	S.Y.	16	
42400200	PCC Sidewalk, 5"	S.F.	2,800	
42400800	Detectable Warnings	S.F.	160	
44000000	Hot-Mix Asphalt Surface Correction	S.Y.	6,678	
44000100	Pavement Removal	S.Y.	3,404	
44000200	Driveway Pavement Removal	S.Y.	463	
44000500	Combination Curb & Gutter Removal	Ft.	1,271	
44000600	Sidewalk Removal	S.F.	2,727	
* 56100600	Watermain, 6"	Ft.		119
* 56100700	Watermain, 8"	Ft.		3
* 56100800	Watermain, 10"	Ft.		48
* 56400500	Fire Hydrant to Be Removed	Each		3
* 56400600	Fire Hydrant	Each		6
56500600	Domestic Water Service Boxes To Be Adjusted	Each	3	
60107600	Pipe Underdrains 4"	Ft.	348	
60218400	Manhole, Type A, 4' Diameter, Type 1 Frame, Closed Lid	Each	6	
60221100	Manhole, Type A, 5' Diameter, Type 1 Frame, Closed Lid	Each	2	
60250200	Catch Basin, to Be Adjusted	Each	9	
60255500	Manhole, to Be Adjusted	Each	12	
60266600	Valve Boxes to be Adjusted	Each	11	
60500040	Removing Manhole	Each	3	
60500070	Removing Manhole To Maintain Flow	Each	8	
60500080	Removing Catch Basin To Maintain Flow	Each	14	
60609500	Combination Concrete Curb & Gutter, Type M-6.12 (Modified)	Ft.	1,271	
63301000	Remove And Re-Erect Steel Plate Beam Guard Rail	Ft.	24	
67100100	Mobilization	L.S.	1	
70103700	Traffic Control Complete	L.S.	1	
70300200	Temporary Pavement Marking, Line, 4" Yellow	Ft.	20,270	
70301000	Work Zone Pavement Marking Removal	S.F.	6,689	
* 78000200	Thermoplastic Pavement Marking-Line, 4"	Ft.	2,040	
* 78000650	Thermoplastic Pavement Marking-Line, 24"	Ft.	163	
* 78001130	Paint Pavement Marking- Line, 6"	Ft.	435	
* 78301180	Paint Pavement Marking- Line, 24"	Ft.	122	
LR420129	PCC Pavement, 8", (Special) With Integral Curb	S.Y.	2,376	
* X0840000	Sanitary Sewer Removal, 8"	Ft.		10
* XX005003	Ductile Iron Water Main Fitting - 10" X 6" Tee	Each		4
XX005764	Catch Basin, Single	Each	14	
* XX006077	Gate Valve And Box, 6"	Each		7
* XX006241	Gate Valve And Box, 8"	Each		1
XX007379	Cleanout To Be Removed	Each	1	
* XX007382	Cut And Cap Existing Water Main (6")	Each		1
* XX007520	Gate Valve and Box to Be Removed	Each		8
* XX007523	Compression Pipe Coupling, 8"	Each		2
* XX007524	Gate Valve And Box, 10"	Each		11
* XX007530	PCC Base Course, 8", With Integral Curb	S.Y.	1,028	
* Z0056900	Sanitary Sewer, 8"	Ft.		10
* XX008235	Tapping Sleeve, Tee, Class 350, DIP, MJ, 10"x6"	Each		2
* XX008236	Solid Sleeve, Class 350, DIP, MJ, 10"	Each		7
XX008237	Catch Basin, Single, to Be Adjusted, W/Type C Grate	Each	24	
XX008238	Catch Basin, Double, to Be Adjusted	Each	5	
XX008239	Catch Basin, Double, to Be Adjusted, W/Type C Grate	Each	14	

## LEGEND

	EXISTING DECIDUOUS TREE
	EXISTING EVERGREEN TREE
	EXISTING BUSH
	EXISTING SIGN
	EXISTING DOMESTIC SERVICE VALVE
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING GAS VALVE
	EXISTING POWER POLE
	EXISTING LIGHT POLE
	EXISTING TRAFFIC SIGNAL
	EXISTING HANDHOLE
	EXISTING TRAFFIC SIGNAL CONTROLLER
	EXISTING SINGLE CATCH BASIN
	EXISTING DOUBLE CATCH BASIN
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY CLEANOUT
	EXISTING STORM MANHOLE
	EXISTING WATER MANHOLE
	EXISTING TELEPHONE MANHOLE
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	PROPOSED PIPE UNDERDRAIN
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	EXISTING GAS MAIN
	EXISTING ELECTRICAL CONDUIT
	EXISTING FIBER OPTIC CONDUIT
	EXISTING TELEPHONE DUCT
	EXISTING TELEPHONE CONDUIT
	EXISTING R.O.W. LINE
	BITUMINOUS SURFACE REMOVAL
	PAVEMENT REMOVAL & PCC BASE COURSE
	PAVEMENT REMOVAL & PCC PAVEMENT
	SIDEWALK REMOVAL & REPLACEMENT
	PCC CURB RAMP
	PCC DRIVEWAY REMOVAL & REPLACEMENT
	PCC CURB AND GUTTER REMOVAL & REPLACEMENT
	DETECTABLE WARNINGS

8597  
L.A. # 09-00186-00-RS  
QUANTITIES & LEGEND

**CITY OF ROCK ISLAND**  
ENGINEERING DIVISION

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592		Date
Computer Drawing Name			3-18-2009
			By msw
			Sheet 6





42400200 P.C.C. Sidewalk, 5" No.	Location	Quantity Unit
1	9+16.3, 22.1' Lt	272.7 S.F.
2	9+29.6, 23.5' Rt	297.0 S.F.
3	9+49.6, 52.3' Rt	102.3 S.F.
4	9+96.3, 54.4' Lt	25.0 S.F.
5	11+47.5, 25' Rt	20.0 S.F.
6	12+70.5, 24.6' Rt	25.0 S.F.
7	13+47.5, 25' Rt	20.0 S.F.
8	14+29.5, 25.2' Rt	16.5 S.F.
9	15+23.6, 24.8' Rt	20.5 S.F.
10	17+47.5, 23.5' Rt	25.0 S.F.
11	17+89, 25' Rt	60.0 S.F.
12	18+50, 24.8' Rt	48.0 S.F.
14	19+58.8, 24.8' Rt	46.0 S.F.
15	19+93.2, 24.8' Rt	34.0 S.F.
16	20+10, 24.7' Rt	18.3 S.F.
17	20+29.9, 24.7' Rt	19.5 S.F.
18	21+35.5, 24.8' Rt	33.3 S.F.
19	21+66.5, 24.7' Rt	24.0 S.F.
20	22+27.2, 24.7' Rt	122.8 S.F.
21	23+09, 24.8' Rt	30.0 S.F.
22	23+37.5, 24.9' Rt	23.0 S.F.
23	23+52, 24.9' Rt	20.0 S.F.
24	25+47.5, 24.8' Rt	25.0 S.F.
25	26+02, 24.8' Rt	28.5 S.F.
26	26+51.5, 29.4' Rt	22.0 S.F.
27	26+77.8, 24.9' Rt	21.8 S.F.
28	26+91.5, 24.9' Rt	38.5 S.F.
29	27+32, 24.7' Rt	19.0 S.F.
30	27+63.5, 24.9' Rt	14.0 S.F.
31	27+80.5, 24.9' Rt	40.0 S.F.
32	28+15.5, 24.9' Rt	21.0 S.F.
33	29+90.3, 25' Rt	30.0 S.F.
34	30+87, 25.2' Rt	73.0 S.F.
35	31+93.4, 24.6' Rt	26.5 S.F.
36	33+97.5, 25' Rt	25.0 S.F.
37	34+81, 24.7' Rt	17.5 S.F.
38	35+58.5, 24.6' Rt	80.0 S.F.
39	36+13.7, 44.3' Lt	118.0 S.F.
40	36+25.5, 24.74' Rt	61.0 S.F.
41	36+96.5, 25.2' Rt	100.5 S.F.
42	38+45.7, 24.9' Rt	58.3 S.F.
43	40+28.7, 25' Rt	23.5 S.F.
44	40+44.2, 24.8' Rt	12.7 S.F.
45	40+62.5, 24.8' Rt	29.4 S.F.
46	43+04, 24.8' Rt	25.6 S.F.
47	43+73.6, 24.9' Rt	69.4 S.F.
48	44+42.5, 25' Rt	25.0 S.F.
49	44+81.5, 25' Rt	39.2 S.F.
50	45+45.4, 25' Rt	39.6 S.F.
51	46+42.5, 24.7' Rt	25.0 S.F.
52	46+94.6, 24.7' Rt	30.8 S.F.
53	47+55.5, 24.8' Rt	47.4 S.F.
54	48+19.2, 24.8' Rt	19.4 S.F.
55	49+83.5, 24.7' Rt	27.3 S.F.
56	51+85, 24.3' Rt	25.0 S.F.
57	52+73.7, 25.2' Rt	32.0 S.F.
2,799.8 S.F.		

44000100 Pavement Removal No.	Location	Quantity Unit
1	9+51.9, 53.3' Lt	272.7 S.F.
2	9+48, 23.5' Rt	297.0 S.F.
3	10+35.5, 24' Rt	102.3 S.F.
4	10+09.5, 32.7' Lt	25.0 S.F.
5	11+2.5, 25' Rt	20.0 S.F.
6	12+75.5, 24.6' Rt	25.0 S.F.
7	13+52.5, 25' Rt	20.0 S.F.
8	14+34.5, 25.2' Rt	16.5 S.F.
9	15+26, 24.8' Rt	20.5 S.F.
10	17+45.4 CL	25.0 S.F.
11	18+05, 25' Rt	60.0 S.F.
12	18+62, 24.9' Rt	48.0 S.F.
13	19+66, 24.8' Rt	46.0 S.F.
14	20+01, 24.7' Rt	34.0 S.F.
15	20+15, 24.7' Rt	18.3 S.F.
16	20+34.9, 24.7' Rt	19.5 S.F.
17	21+40.5, 24.8' Rt	33.3 S.F.
18	21+71.3, 24.7' Rt	24.0 S.F.
19	22+53.2, 24.7' Rt	122.8 S.F.
20	23+13, 24.8' Rt	30.0 S.F.
21	23+47, 24.9' Rt	23.0 S.F.
22	23+52, 24.9' Rt	20.0 S.F.
24	25+47.5, 24.8' Rt	25.0 S.F.
25	26+03.5, 24.6' Rt	28.5 S.F.
26	26+59.5, 24.5' Rt	22.0 S.F.
27	26+82.5, 24.9' Rt	21.8 S.F.
28	27+01.5, 24.9' Rt	38.5 S.F.
29	27+35.5, 24.6' Rt	19.0 S.F.
30	27+66.5, 24.9' Rt	14.0 S.F.
31	27+90.5, 24.9' Rt	40.0 S.F.
32	28+18.7, 24.9' Rt	21.0 S.F.
33	29+95.3, 25' Rt	30.0 S.F.
34	31+05, 25.2' Rt	73.0 S.F.
35	31+98.3, 24.6' Rt	26.5 S.F.
36	34+02.5, 25' Rt	25.0 S.F.
37	34+85, 24.7' Rt	17.5 S.F.
38	35+70, 24.6' Rt	80.0 S.F.
39	36+33.8, 22.8' Lt	118.0 S.F.
40	36+37, 24.8' Rt	61.0 S.F.
41	37+22.3, 25.2' Rt	100.5 S.F.
42	38+60.7, 24.9' Rt	58.3 S.F.
43	40+33, 25' Rt	23.5 S.F.
44	40+62.5, 24.8' Rt	12.7 S.F.
45	40+69.2, 24.8' Rt	29.4 S.F.
46	43+45, 24.8' Rt	25.6 S.F.
47	43+90.3, 24.9' Rt	69.4 S.F.
48	44+47.5, 25' Rt	25.0 S.F.
49	44+91.5, 25' Rt	39.2 S.F.
50	45+55.4, 25' Rt	39.6 S.F.
51	46+47.5, 24.7' Rt	25.0 S.F.
52	47+00, 24.7' Rt	30.8 S.F.
53	47+64.2, 24.8' Rt	47.4 S.F.
54	48+24.2, 24.8' Rt	19.4 S.F.
55	49+89, 24.7' Rt	27.3 S.F.
56	51+90, 24.3' Rt	25.0 S.F.
57	52+45.6 CL	32.0 S.F.
2,799.8 S.F.		

42300710 Portland Cement Concrete Driveway Pavement, 6 Inch, Special No.	Location	Quantity Unit
1	30+64.8, 22.2' Lt	16.3 S.Y.
16.3 S.Y.		

44000200 Driveway Pavement Removal No.	Location	Quantity Unit
1	11+17, 23' Lt	12.9 S.Y.
2	13+51, 21.9' Lt	6.0 S.Y.
3	15+26.6, 22.9' Rt	48.7 S.Y.
4	15+27.5, 22.2' Lt	32.6 S.Y.
5	16+01.7, 22.6' Lt	28.9 S.Y.
6	19+67, 22.7' Rt	33.5 S.Y.
7	21+39.3, 22.7' Rt	28.9 S.Y.
8	22+94, 22.4' Lt	28.3 S.Y.
9	24+04.3, 22.3' Lt	20.6 S.Y.
10	24+77.5, 22.4' Lt	16.8 S.Y.
11	26+59.6, 24.5' Rt	13.3 S.Y.
12	27+06.6, 22.4' Lt	16.1 S.Y.
13	27+36.2, 22.8' Rt	10.2 S.Y.
14	30+66, 22.2' Lt	14.6 S.Y.
15	31+19.8, 22.1' Lt	17.9 S.Y.
16	34+89.8, 22.5' Lt	26.6 S.Y.
17	37+39, 22.6' Lt	39.4 S.Y.
18	40+35.5, 22.5' Lt	26.7 S.Y.
19	40+45.5, 22.7' Rt	10.5 S.Y.
20	42+94.2, 22.4' Lt	10.8 S.Y.
21	43+43.5, 22.8' Rt	16.4 S.Y.
22	43+43.5, 22.8' Rt	16.4 S.Y.
482.7 S.Y.		

44000500 Combination Curb & Gutter Removal (Continued) No.	Location	Quantity Unit
28	22+51, 23.9' Rt	6.8 S.Y.
29	22+93, 22.4' Lt	6.8 S.Y.
30	23+01, 23.9' Rt	9.2 S.Y.
31	23+20, 22.9' Rt	21.2 S.Y.
32	23+25, 22.5' Lt	26.3 S.Y.
33	23+32, 22.6' Rt	11.0 S.Y.
34	23+47, 22.5' Lt	4.0 S.Y.
35	23+93, 22.9' Rt	18.4 S.Y.
36	23+96.5, 22.3' Lt	12.0 S.Y.
37	24+10.5, 22.3' Lt	12.2 S.Y.
38	24+77.5, 22.4' Lt	10.4 S.Y.
39	24+78.5, 22.9' Rt	13.3 S.Y.
40	24+87, 22.9' Rt	8.7 S.Y.
41	25+21.5, 22.3' Lt	4.0 S.Y.
42	26+18.5, 57.4' Lt	26.18, 46' Lt
43	26+19, 40.3' Lt	26+20, 36.7' Lt
44	26+53.5, 22' Lt	26+57.5, 22' Lt
45	26+50.5, 22.5' Rt	27+11.5, 22.8' Rt
46	26+81, 22.2' Lt	26+88, 22.2' Lt
47	27+05, 22.4' Lt	27+30.5, 22.3' Lt
48	27+34.5, 22.8' Rt	27+51, 22.8' Rt
49	27+70, 22.8' Rt	27+74, 22.8' Rt
50	27+86, 22.8' Rt	27+90, 22.8' Rt
51	29+89, 23' Rt	29+93, 23' Rt
52	30+61, 22' Lt	30+71, 22' Lt
53	30+89, 22' Lt	30+96.5, 22.3' Rt
54	30+94.5, 22' Lt	30+98.5, 22' Lt
55	31+33.5, 22' Lt	31+37.5, 22' Lt
56	31+55.5, 23' Rt	31+80.5, 23' Rt
57	32+08, 23' Rt	32+15, 23' Rt
58	32+22.5, 23' Rt	32+41.5, 23' Rt
59	32+35.5, 22.2' Lt	32+41.5, 22.2' Lt
60	33+46, 23' Rt	33+50, 23' Rt
61	33+62, 23' Rt	33+69, 23' Rt
62	34+05.5, 22.8' Rt	34+11.5, 22.3' Lt
63	34+40, 22.5' Lt	34+44, 22.5' Lt
64	34+89.5, 22.5' Lt	35+04, 22.5' Lt
65	35+36, 22.4' Lt	35+40, 22.4' Lt
66	35+53.5, 22.4' Lt	35+60, 22.4' Lt
67	35+54, 22.7' Rt	35+78, 30' Rt
68	35+83.5, 38.5' Rt	35+85, 55' Rt
69	36+13.5, 35.2' Rt	36+35, 22.9' Rt
70	36+13.5, 41.4' Lt	36+25, 25.9' Rt
71	36+39.5, 22.6' Lt	36+39.5, 22.5' Lt
72	36+49, 23.5' Lt	36+49, 23.5' Lt
73	36+76.5, 22.6' Lt	36+76.5, 22.6' Lt
74	37+09.5, 22.6' Lt	37+17.5, 22.6' Lt
75	37+45, 22.5' Lt	37+64.5, 22.5' Lt
76	38+47, 22.8' Rt	38+53.5, 22.8' Rt
77	39+52, 22.8' Rt	39+56, 22.8' Rt
78	39+69.5, 22.8' Rt	39+80, 22.8' Rt
79	40+08, 22.5' Lt	40+12, 22.5' Lt
80	40+42, 22.5' Lt	40+58.5, 22.5' Lt
81	40+45, 22.7' Rt	40+52, 22.7' Rt
82	41+16.5, 22.9' Rt	41+20.5, 22.9' Rt
83	41+43, 23' Rt	41+59, 23' Rt
84	41+45.5, 22.4' Lt	41+56, 22.4' Lt
85	41+73.5, 22.4' Lt	41+77.5, 22.4' Lt
86	42+34, 22.4' Lt	42+38, 22.4' Lt
87	42+94, 22.4' Lt	43+16, 22.4' Lt
88	43+50, 22.8' Rt	43+60, 22.8' Rt
89	43+66.5, 22.5' Lt	43+77.5, 22.5' Lt
90	43+70.5, 22.9' Rt	43+76.5, 22.9' Rt
91	43+96, 22.5' Lt	44+00, 22.5' Lt
92	44+16, 22.6' Lt	44+20, 22.6' Lt
93	44+36, 22.5' Lt	44+40, 22.5' Lt
94	44+56, 22.4' Lt	44+60, 22.4' Lt
95	45+14, 22.4' Lt	45+18, 22.4' Lt
96	45+44, 22.4' Lt	45+61, 22.4' Lt
97	45+47, 22.9' Rt	45+53.5, 22.9' Rt
98	46+82.5, 22.8' Rt	46+88.5, 22.8' Rt
99	46+96, 24' Rt	47+07.5, 28' Rt
100	47+40.5, 46.6' Rt	47+41, 42.6' Rt
101	47+48, 30' Rt	47+58.5, 23.7' Rt
102	47+55, 22.5' Lt	47+55, 22.5' Lt
103	48+36.5, 22.7' Rt	48+40.5, 22.7' Rt
104	48+50.5, 22.7' Rt	48+56.5, 22.7' Rt
105	49+66, 22.4' Lt	49+70, 22.4' Lt
106	49+86, 22.4' Lt	49+90, 22.4' Lt
107	50+15, 22.5' Lt	50+15, 22.5' Lt
108	50+32, 22.5' Lt	50+36, 22.5' Lt
109	50+48, 22.9' Rt	50+54, 22.9' Rt
110	50+48, 22.9' Rt	50+54.5, 22.9' Rt
111	51+49.5, 22.3' Lt	51+71, 32.4' Lt
112	51+70.5, 22.9' Rt	51+85.5, 22.9' Rt
1,270.5 Ft		

44000600 Sidewalk Removal (Continued) No.	Location	Quantity Unit
28	26+91.5, 24.9' Rt	16.0 Ft
29	27+32, 24.7' Rt	26.0 Ft
30	27+63.5, 24.9' Rt	11.5 Ft
31	27+90.5, 24.9' Rt	5.5 Ft
32	28+18.7, 24.9' Rt	4.0 Ft
33	29+90.3, 25' Rt	4.0 Ft
34	30+87, 25.2' Rt	4.0 Ft
35	31+93.4, 24.6' Rt	7.0 Ft
36	33+97.5, 25' Rt	4.0 Ft
37	34+81, 24.7' Rt	23.5 Ft
38	35+58.5, 24.6' Rt	30.5 Ft
39	36+13.7, 44.3' Lt	8.5 Ft
40	36+25.5, 24.74' Rt	4.0 Ft
41	36+96.5, 25.2' Rt	11.5 Ft
42	38+45.7, 24.9' Rt	4.0 Ft
43	40+28.7, 25' Rt	4.0 Ft
44	40+44.2, 24.9' Rt	51.0 Ft
45	40+62, 24.8' Rt	7.0 Ft
46	43+40, 24.8' Rt	25.5 Ft
47	43+70, 24.9' Rt	18.5 Ft
48	44+42.5, 25' Rt	4.0 Ft
49	44+81.5, 25' Rt	4.0 Ft
50	45+45.4, 25' Rt	4.0 Ft
51	46+42.5, 24.7' Rt	10.0 Ft
52	46+94.6, 24.7' Rt	8.0 Ft
53	47+55.5, 24.8' Rt	4.0 Ft
54	48+19.2, 24.8' Rt	4.0 Ft
55	49+83.5, 24.7' Rt	5.0 Ft
56	51+85, 24.3' Rt	7.0 Ft
57	52+73.7, 25.2' Rt	19.0 Ft
2,726.8 S.F.		

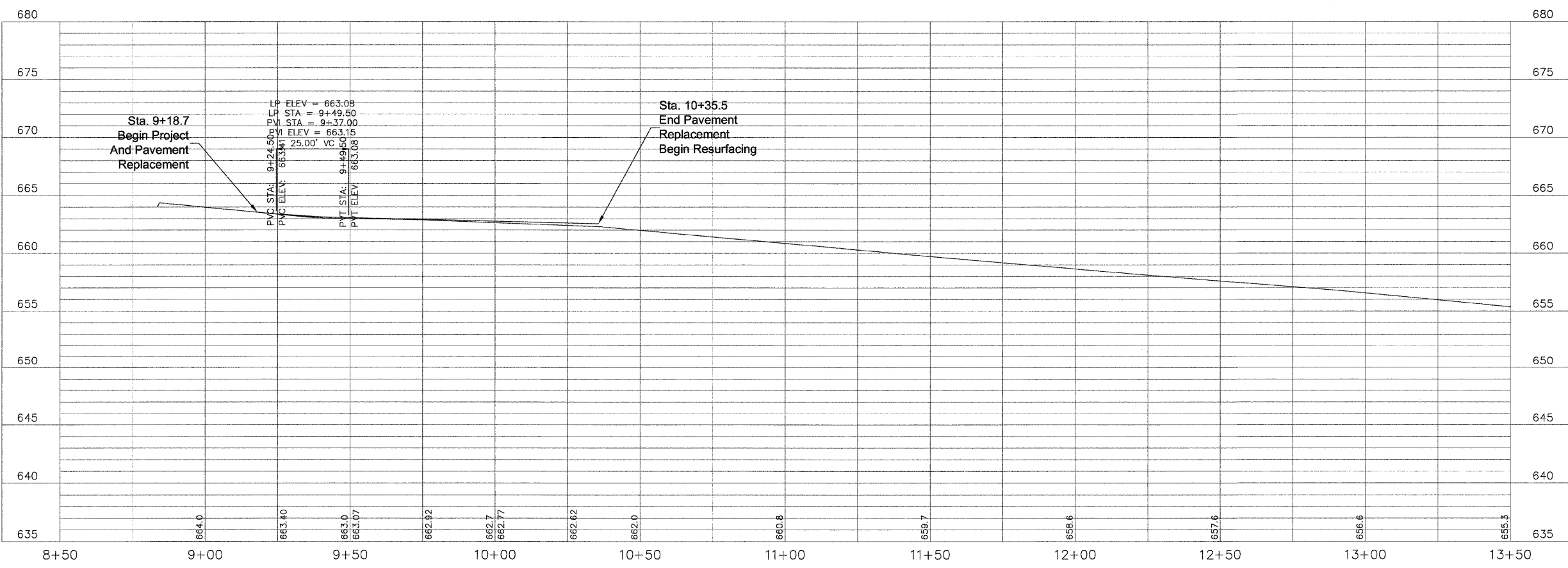
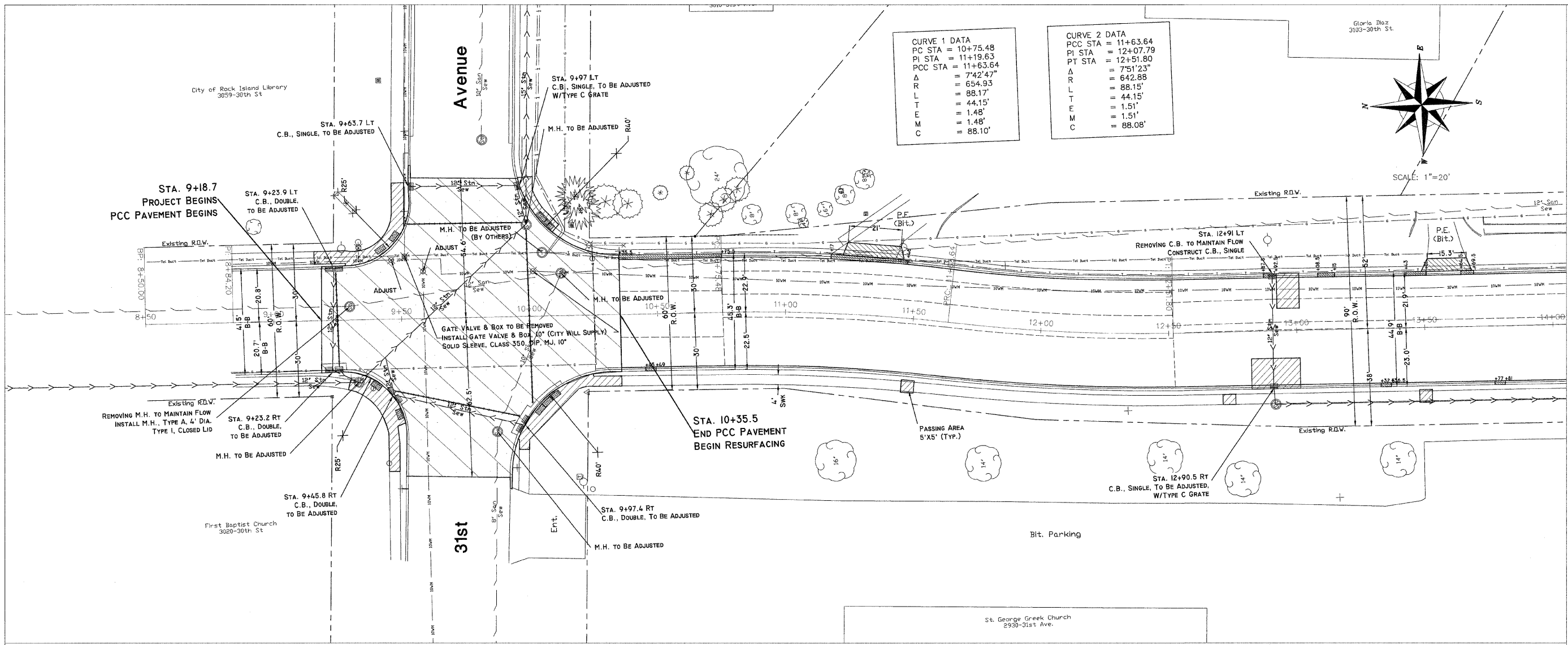
56100600 Watermain, 6" No.	Location	Quantity Unit
1	15+70, 18.4' Lt	16.0 Ft
2	22+49, 15' Lt	18.0 Ft
3	22+55.5, 30.3' Rt	19.0 Ft
4	25+56, 26.4' Lt	11.0 Ft
5	27+56.5, 15.5' Lt	13.5 Ft
6	32+51.3, 19' Lt	10.0 Ft
7	36+40, 38.3' Lt	12.0 Ft
8	41+05.6, 19.5' Lt	19.5 Ft
119.0 Ft		

56100700 Watermain, 8" No.	Location	Quantity Unit
1	35+79.3, 24' Lt	3.0 Ft
3.0 Ft		

56100800 Watermain, 1
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No.	Location	Quantity	Unit	No.	Location	Quantity	Unit	No.	Location	Quantity	Unit	No.	Location	Quantity	Unit	
60609500	Combination Concrete Curb & Gutter, Type M-6.12 (Modified)			67100100	Mobilization			X0840000	Sanitary Sewer Removal, 8"			XX007530	PCC Base Course, 8" With Integral Curb (Continued)			
1	10+35.5, 23' Lt	40.0	FL	1	18+47, 30.3' Rt	24	FL	1	37+72.8, 16' Lt	10.0	FL	1	26+75.5 CL	28+81.5 CL	12.0	S.Y.
2	10+45, 22.4' Rt	4.0	FL					2	37+82.8, 16.3' Lt	10.0	FL	29	27+17.6 CL	27+25.6 CL	12.2	S.Y.
3	11+17, 22.8' Lt	30.0	FL	63301000	Remove And Re-Erect Steel Plate Beam Guard Rail			XX005003	Ductile Iron Water Main Fitting - 10" X 6" Tee			30	27+45.4 CL	27+50.4 CL	10.4	S.Y.
4	12+87.5, 22.3' Lt	5.0	FL	1	18+47, 30.3' Rt	24	FL	1	22+49, 15' Lt	1	Each	31	27+53.5, 12.5' Lt	27+69.3, 20.7' Lt	13.3	S.Y.
5	13+08.5, 22' Lt	6.5	FL					2	27+56.5, 15.5' Lt	1	Each	32	30+38 CL	30+40 CL	8.7	S.Y.
6	13+32.5, 22.9' Rt	4.0	FL	70103700	Traffic Control Complete			3	32+51.3, 19' Lt	1	Each	33	31+33.8 CL	31+37.8 CL	8.9	S.Y.
7	13+43, 21.9' Lt	8.0	FL	1	13+81, 23.1' Rt	4.0	FL	4	41+05.6, 19.5' Lt	4	Each	34	32+46.8, 16' Lt	32+61, 16' Lt	10.4	S.Y.
8	13+64.5, 21.8' Lt	5.0	FL									35	32+90, 25' Lt	33+03.5, 26.5' Lt	9.3	S.Y.
9	13+77, 23.1' Rt	4.0	FL	70300200	Temporary Pavement Marking, Line, 4" Yellow							36	33+81.8 CL	33+85.8 CL	4.0	S.Y.
10	14+81.5, 21.9' Lt	4.0	FL	1	14+85.5, 21.9' Lt	4.0	FL	XX005764	Catch Basin, Single			37	34+37.3 CL	34+41.3 CL	8.7	S.Y.
11	15+20, 22.1' Lt	28.0	FL					1	12+91, 22.3' Lt	1	Each	38	34+92.5 CL	34+96.5 CL	4.1	S.Y.
12	15+25, 22.9' Rt	40.0	FL					2	15+60.3, 22.4' Lt	1	Each	39	35+51 CL	35+55 CL	8.0	S.Y.
13	15+82.5, 22.4' Lt	16.44	FL					3	20+20.5, 22.6' Lt	1	Each	40	35+76.2, 21.5' Lt	35+89, 21' Lt	19.1	S.Y.
14	16+52.5, 22.2' Lt	4.0	FL					4	22+40.5, 22.4' Lt	1	Each	41	36+04.8, 26' Rt	36+12.8, 26.4' Rt	7.1	S.Y.
15	16+62, 22.2' Lt	4.0	FL					5	22+40.5, 22.4' Lt	1	Each	42	36+04.8, 20.2' Lt	36+19, 28.4' Lt	12.7	S.Y.
16	16+72.5, 22.2' Lt	4.0	FL					6	22+40.5, 22.4' Lt	1	Each	43	36+10, 11.7' Rt	36+18, 12' Rt	7.1	S.Y.
17	17+87.5, 22.6' Lt	34.5	FL					7	22+40.5, 22.4' Lt	1	Each	44	36+30 CL	36+37 CL	14.0	S.Y.
18	17+94, 22.9' Rt	14.0	FL					8	22+40.5, 22.4' Lt	1	Each	45	37+08.7 CL	37+12.7 CL	8.6	S.Y.
19	18+52.5, 21.8' Rt	3.0	FL					9	25+64.8, 22.2' Lt	1	Each	46	37+45 CL	37+41 CL	25.2	S.Y.
20	18+54, 22.8' Lt	7.0	FL					10	26+84.3, 22.3' Lt	1	Each	47	38+09, 6.9' Lt	38+83.7, 6.9' Lt	92.9	S.Y.
21	19+57.56, 22.6' Lt	4.0	FL					11	32+38.3, 22.2' Lt	1	Each	48	39+27 CL	39+31 CL	9.8	S.Y.
22	19+64.5, 22.7' Rt	56.0	FL					12	32+38.8, 23' Rt	1	Each	49	39+47.6 CL	39+52 CL	19.8	S.Y.
23	20+17.5, 22.7' Lt	6.0	FL					13	33+00.6, 29' Lt	1	Each	50	39+88.9 CL	40+02.9 CL	9.2	S.Y.
24	20+39.5, 22.5' Lt	4.0	FL					14	34+08.8, 22.3' Lt	1	Each	51	40+99, 16.6' Lt	41+08.6, 16.5' Lt	6.3	S.Y.
25	22+43, 22.7' Rt	20.0	FL					1	35+56.8, 22.4' Lt	1	Each	52	41+27.5, 6.8' Lt	41+67, 6.8' Lt	39.1	S.Y.
26	20+90.5, 22.6' Lt	7.5	FL					2	35+83.7, 34.3' Lt	1	Each	53	41+97.5 CL	42+01.5 CL	9.7	S.Y.
27	20+96.5, 22.7' Rt	71.5	FL					3	48+53.7, 22.4' Lt	1	Each	54	42+38 CL	42+48 CL	10.9	S.Y.
28	22+51, 23.9' Rt	16.0	FL					4				55	42+47, 10.9' Lt	42+53.4, 10.9' Lt	7.1	S.Y.
29	22+93, 22.4' Lt	28.0	FL					5				56	43+67 CL	43+72 CL	6.1	S.Y.
30	23+01, 29.7' Rt	11.5	FL					6				57	44+00.6 CL	44+04.5 CL	9.5	S.Y.
31	23+20, 22.9' Rt	5.5	FL					7				58	44+40 CL	44+44 CL	9.7	S.Y.
32	23+25, 22.5' Lt	4.0	FL					8				59	45+41 CL	45+45 CL	4.8	S.Y.
33	23+32, 22.9' Rt	4.0	FL					9				60	45+57 CL	45+61 CL	4.6	S.Y.
34	23+47, 22.9' Lt	4.0	FL					10				61	46+30 CL	46+34 CL	61.6	S.Y.
35	23+63, 22.9' Rt	7.0	FL					11				62	46+70.8, 7' Lt	47+13.8, 7.3' Lt	18.5	S.Y.
36	23+66.5, 22.9' Rt	4.0	FL					12				63	47+08.5, 14.2' Rt	47+27.5, 14' Rt	26.3	S.Y.
37	24+10.5, 22.3' Lt	23.5	FL					13				64	47+99.5 CL	47+95.5 CL	22.8	S.Y.
38	24+77.5, 22.4' Lt	30.5	FL					14				65	48+16.8 CL	48+21.7 CL	35.0	S.Y.
39	24+78.5, 22.9' Rt	8.5	FL					1				66	48+54.6 CL	48+58.5 CL	20.3	S.Y.
40	25+21.5, 22.3' Lt	4.0	FL					2				67	48+29.7 CL	49+33.7 CL	8.9	S.Y.
41	26+18.5, 57.4' Lt	11.5	FL					3				68	49+97 CL	50+02 CL	18.0	S.Y.
42	26+19, 40.3' Lt	4.0	FL					4				69	51+05 CL	51+09 CL	3.6	S.Y.
43	26+53.5, 22' Lt	4.0	FL					5				70	51+19 CL	51+23 CL	7.6	S.Y.
44	26+50.5, 22.5' Rt	51.0	FL					6				71	51+42, 9' Rt	51+70.5, 9' Rt	22.8	S.Y.
45	26+81, 22.2' Lt	7.0	FL					7				72	51+80.5, 8.8' Lt	51+84.5, 8.8' Lt	5.9	S.Y.
46	27+05, 22.4' Lt	25.5	FL					8				73	52+02.5 CL	52+06.5 CL	8.0	S.Y.
47	27+34.5, 22.8' Rt	16.5	FL					9				74	52+19, 9' Lt	52+28, 9' Lt	13.1	S.Y.
48	27+70, 22.8' Rt	4.0	FL					10							1,028.2	S.Y.
49	27+86, 22.8' Rt	4.0	FL					1								
50	29+89, 23' Rt	4.0	FL													
51	30+61, 22' Lt	10.0	FL													
52	30+89.5, 23' Rt	6.0	FL													
53	30+94.5, 22' Lt	4.0	FL													
54	31+33.5, 22' Lt	4.0	FL													
55	31+55.5, 23' Rt	5.0	FL													
56	32+08, 23' Rt	7.0	FL													
57	32+22.5, 23' Rt	19.0	FL													
58	32+35.5, 22.2' Lt	6.0	FL													
59	33+46, 23' Rt	4.0	FL													
60	33+62, 23' Rt	7.0	FL													
61	34+05.5, 22.3' Lt	6.0	FL													
62	34+05.5, 22.8' Rt	11.5	FL													
63	34+40, 22.5' Lt	4.0	FL													
64	34+89.5, 22.5' Lt	14.5	FL													
65	35+36, 22.4' Lt	4.0	FL													
66	35+53.5, 22.4' Lt	6.5	FL													
67	35+54, 22.7' Rt	26.0	FL													
68	35+83.5, 38.5' Rt	16.5	FL													
69	36+13.5, 35.2' Rt	26.0	FL													
70	36+13.5, 41.4' Lt	20.0	FL													
71	36+35.5, 22.6' Lt	4.0	FL													
72	36+45, 22.5' Lt	4.0	FL													
73	36+75.5, 22.6' Lt	4.0	FL													
74	37+09.5, 22.6' Lt	8.0	FL													
75	37+45, 22.5' Lt	19.5	FL													
76	38+47, 22.8' Rt	6.5	FL													
77	39+52, 22.8' Rt	4.0	FL													
78	39+69.5, 22.8' Rt	10.5	FL													
79	40+08, 22.5' Lt	4.0	FL													
80	40+42, 22.5' Lt	16.5	FL													
81	40+45, 22.7' Rt	7.0	FL													
82	41+16.5, 22.9' Rt	4.0	FL													
83	41+43, 23' Rt	16.0	FL													
84	41+45.5, 22.4' Lt	10.5	FL													
85	41+73.5, 22.4' Lt	4.0	FL													
86	42+34, 22.4' Lt	4.0	FL													



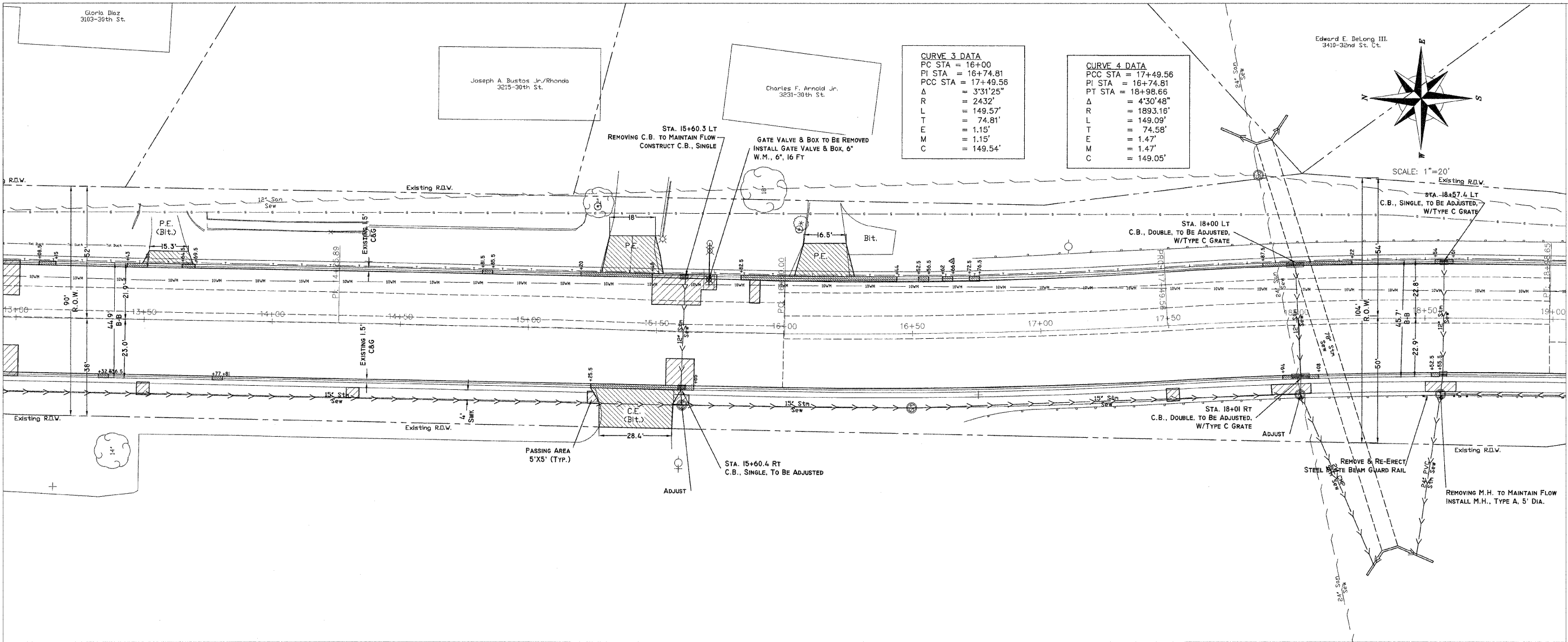
#09-00186-00-RS

**CITY OF ROCK ISLAND**  
ENGINEERING DIVISION

30th Street Resurfacing  
31st Avenue to Blackhawk Road

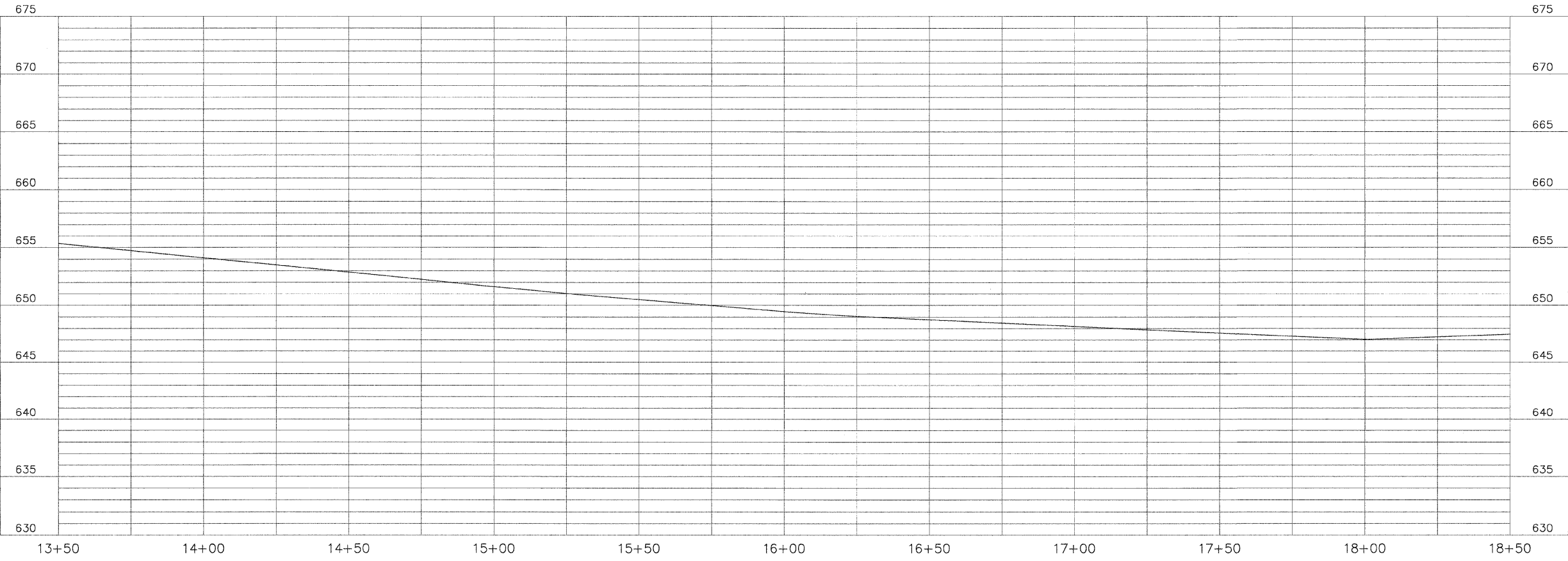
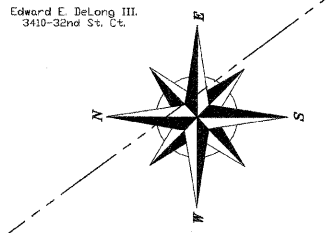
Job Number: 2592  
Computer Drawing Name: None  
Date: 2-26-2009  
By: mdw  
Sheet: 11 of 43

**ROCK ISLAND ILLINOIS**



**CURVE 3 DATA**  
 PC STA = 16+00  
 PI STA = 16+74.81  
 PCC STA = 17+49.56  
 Δ = 3°31'25"  
 R = 2432'  
 L = 149.57'  
 T = 74.81'  
 E = 1.15'  
 M = 1.15'  
 C = 149.54'

**CURVE 4 DATA**  
 PCC STA = 17+49.56  
 PI STA = 16+74.81  
 PT STA = 18+98.66  
 Δ = 4°30'48"  
 R = 1893.16'  
 L = 149.09'  
 T = 74.58'  
 E = 1.47'  
 M = 1.47'  
 C = 149.05'



85497  
 #09-00186-00-RS

**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**  
 30th Street Resurfacing  
 31st Avenue to Blackhawk Road

Job Number	2592	Date	2-26-2009
Computer Drawing Name	None	By	mdw
Sheet	12	Of	43

ROCK ISLAND  
ILLINOIS



Edward E. DeLong III.  
3410-32nd St. Ct.

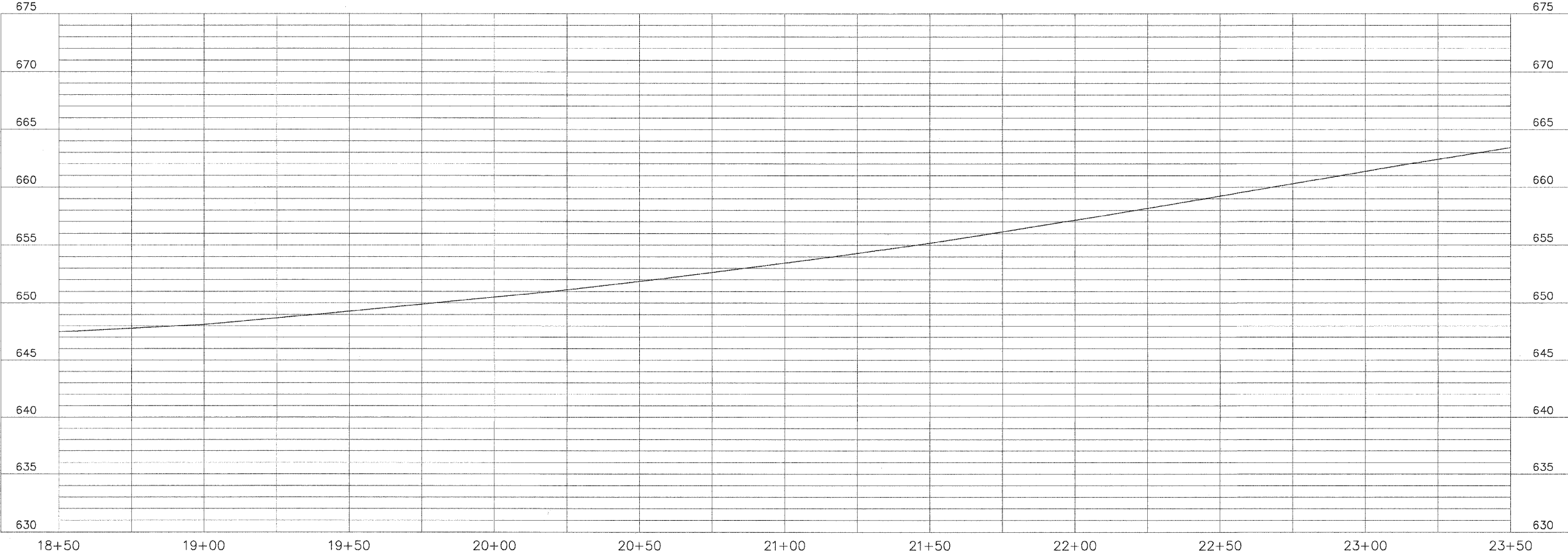
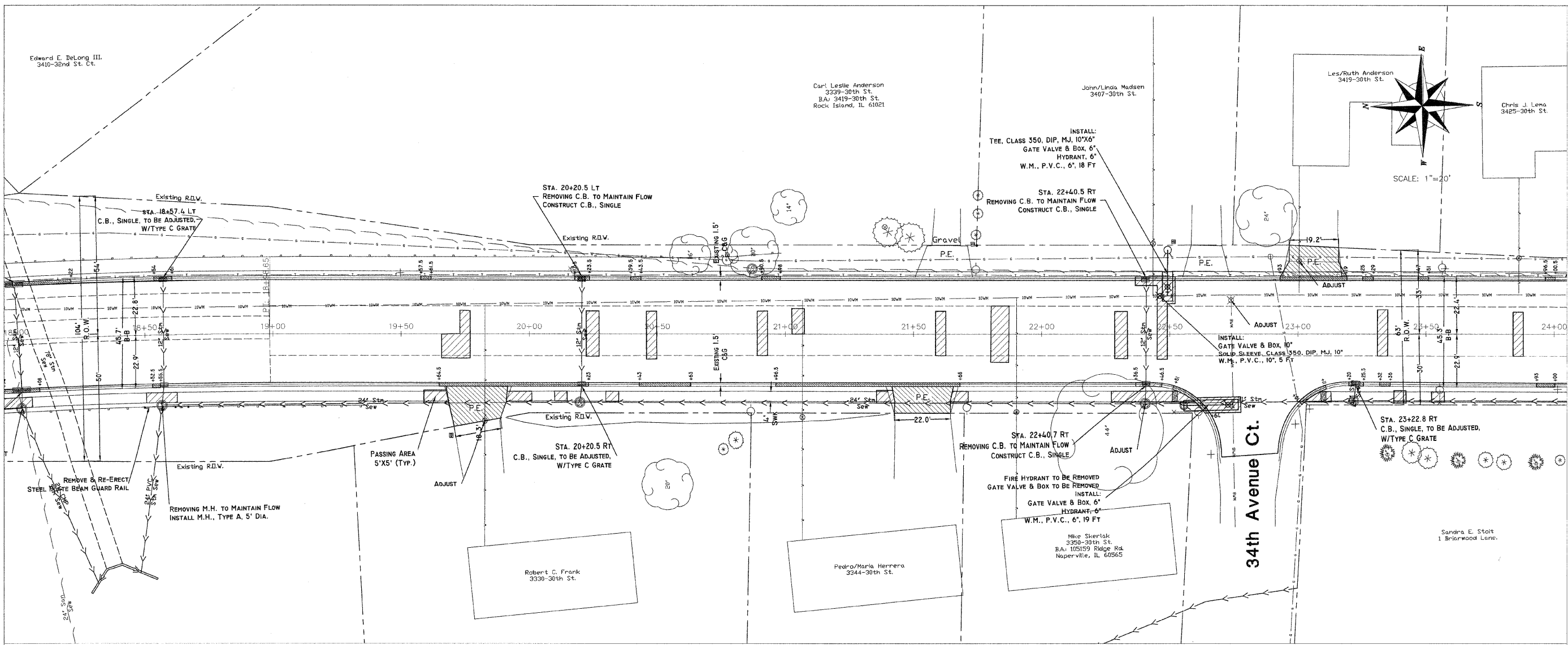
Carl Leslie Anderson  
3309-30th St.  
B.A. 3419-30th St.  
Rock Island, IL 61021

John/Linda Madsen  
3407-30th St.

Les/Ruth Anderson  
3419-30th St.

Chris J. Lena  
3425-30th St.

SCALE: 1"=20'



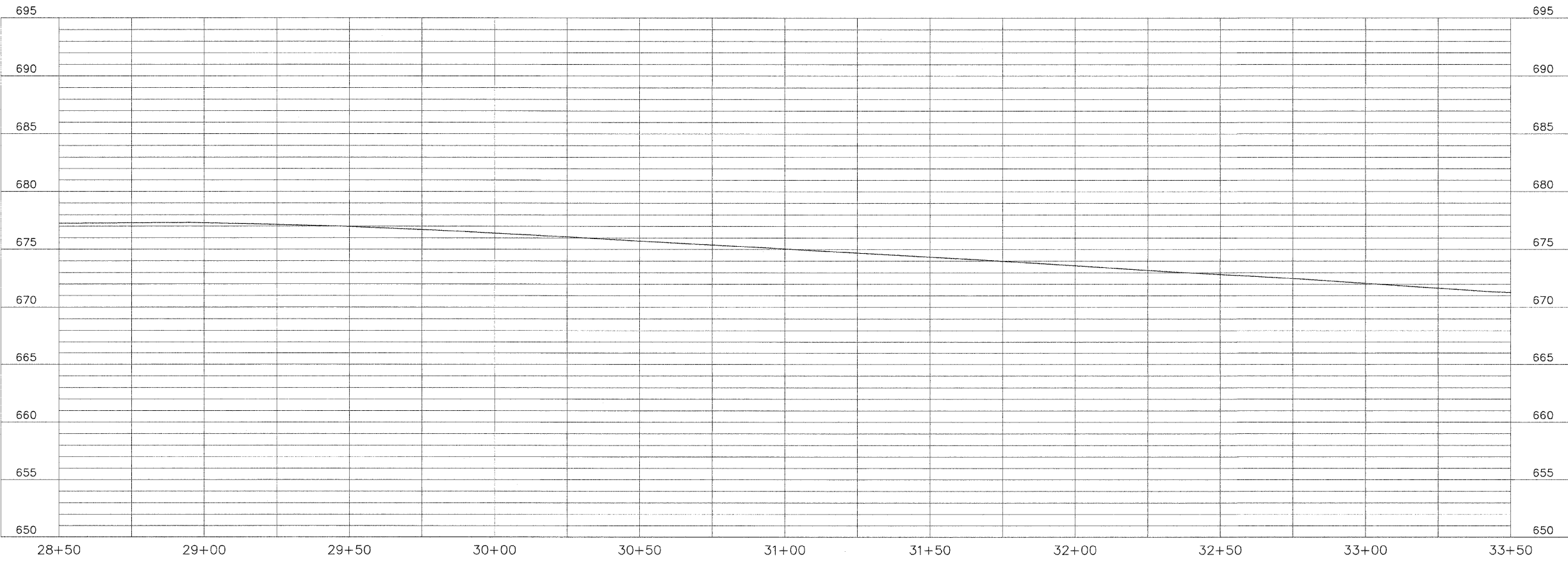
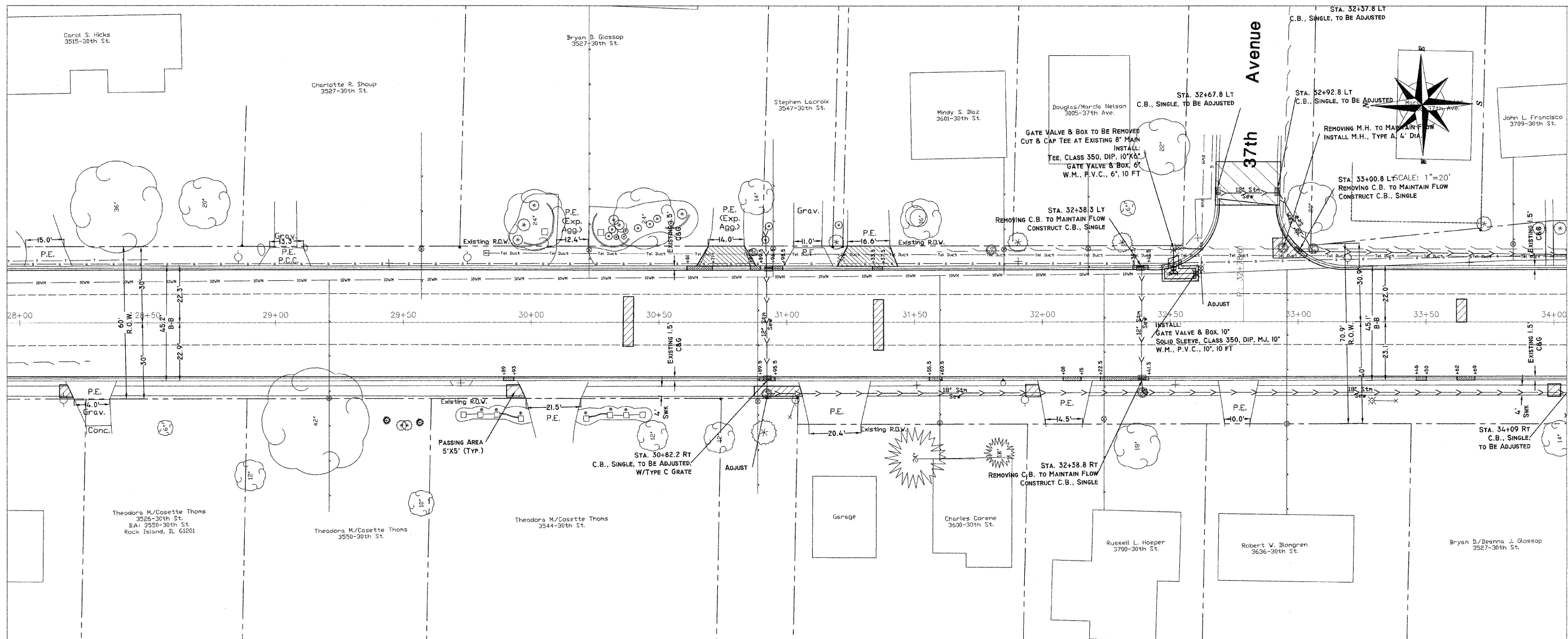
85497  
#09-00186-00-RS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number 2592 Date 2-26-2009  
Computer Drawing Name None By mdw  
None ROCK ISLAND, ILLINOIS Sheet 13 of 49





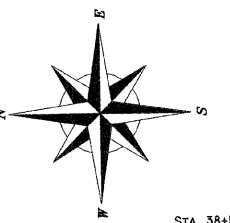
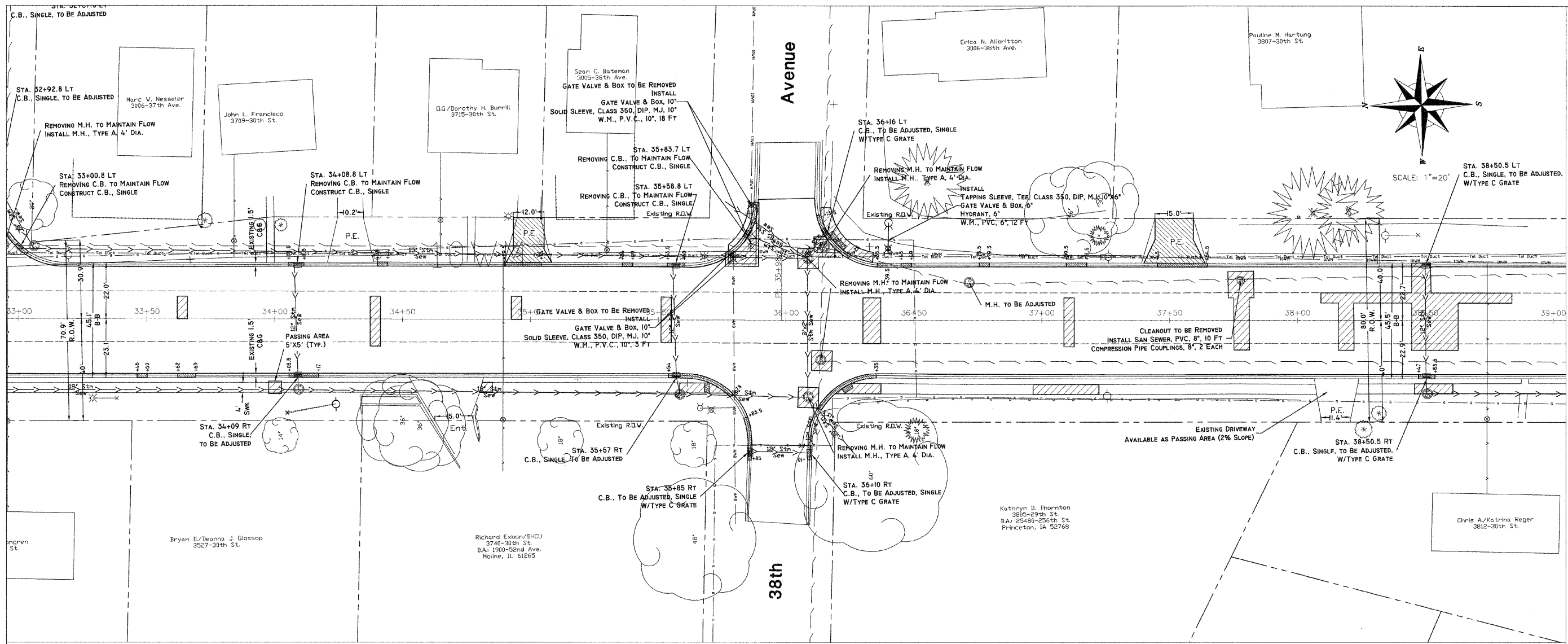
85497  
#09-00186-00-RS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

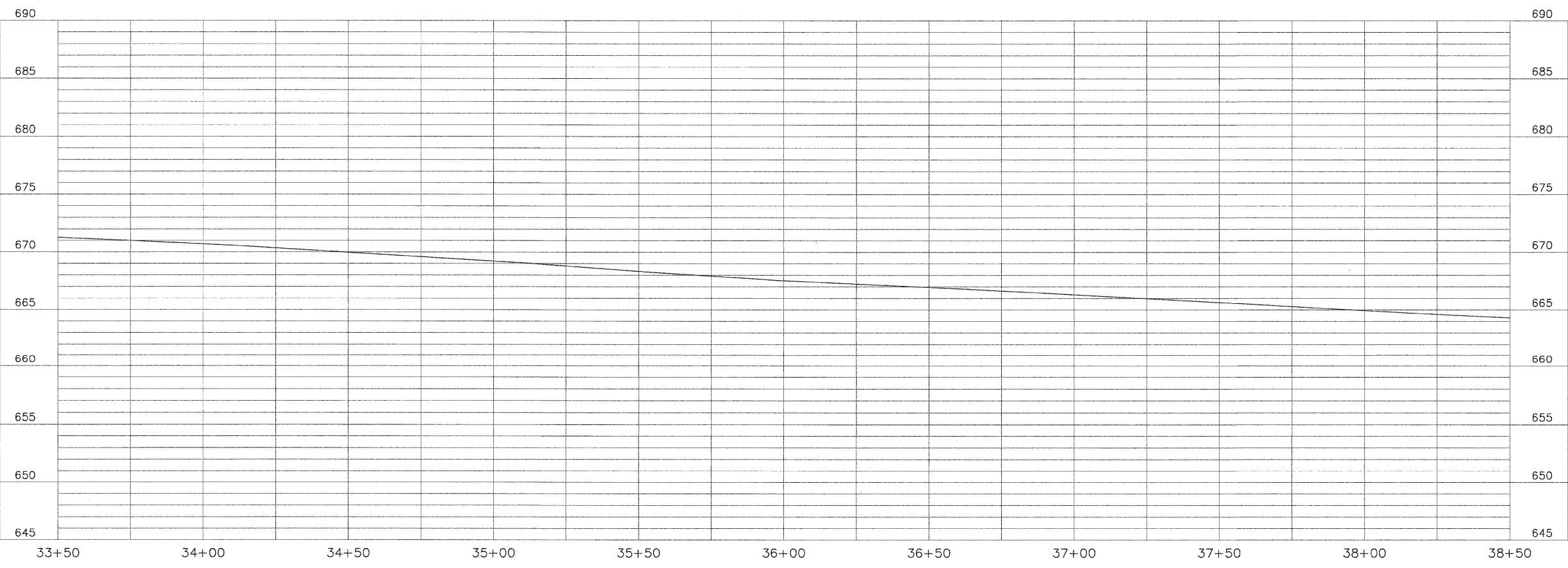
**30th Street Resurfacing  
31st Avenue to Blackhawk Road**

Job Number	2592	Date	2-26-2009
Computer Drawing Name	None	By	mdw
None	None	Sheet	15
None	None	of	43

ROCK ISLAND  
ILLINOIS



SCALE: 1"=20'



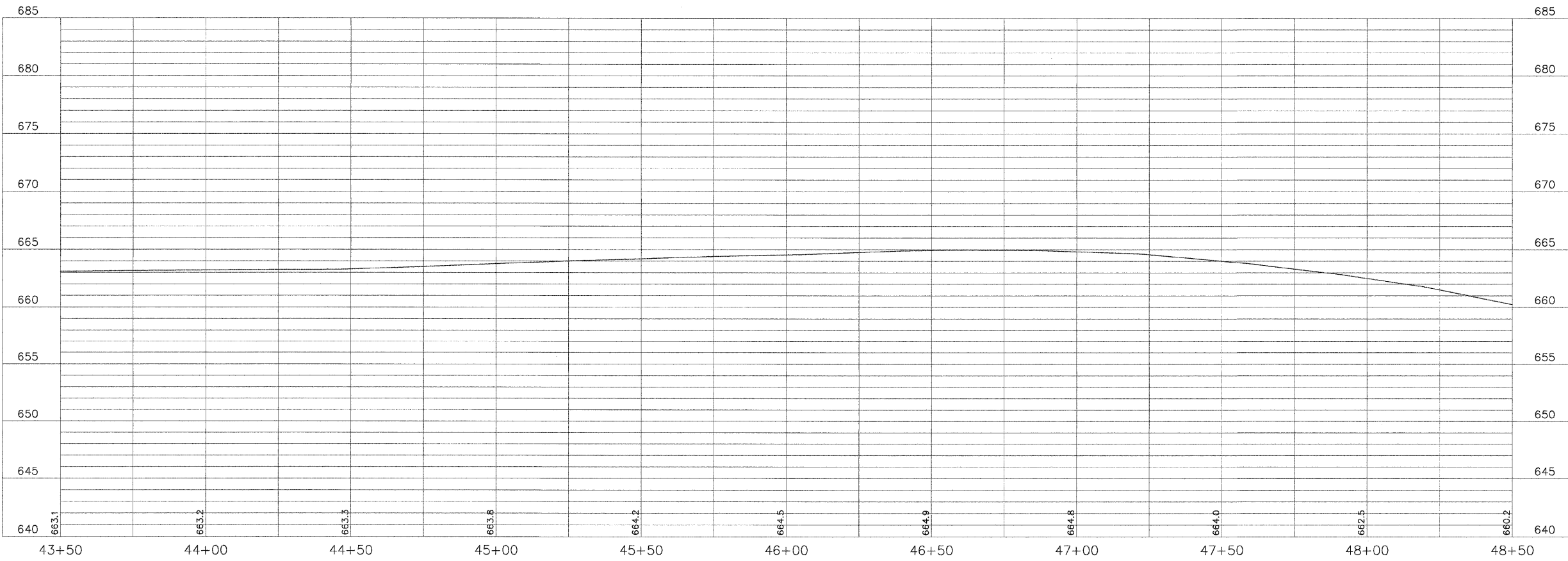
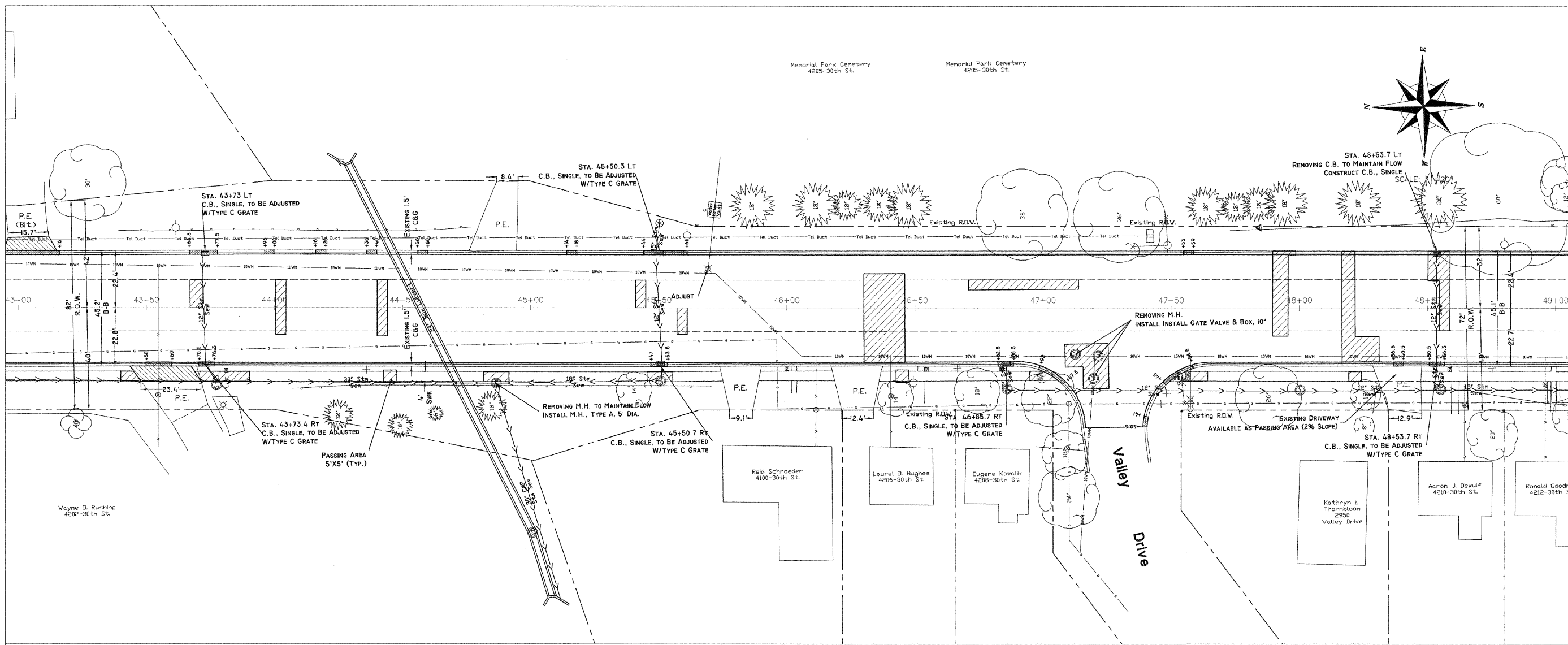
85497  
#09-00186-00-RS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

**30th Street Resurfacing**  
31st Avenue to Blackhawk Road

Job Number 2592		Date 2-26-2009
Computer Drawing Name None	By mdw	Sheet 16
	ROCK ISLAND ILLINOIS	Of 43





85497  
#09-00186-00-RS

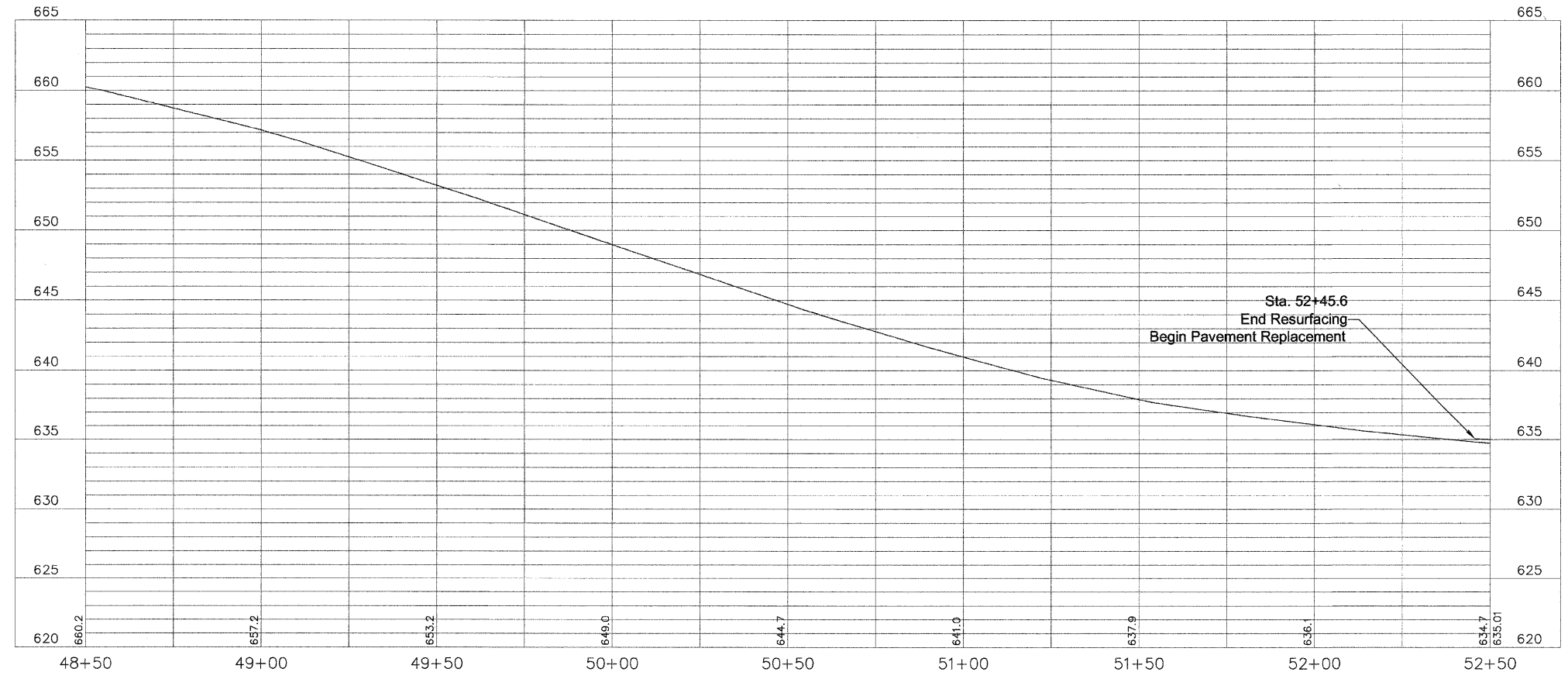
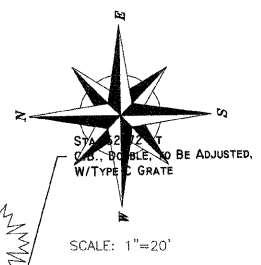
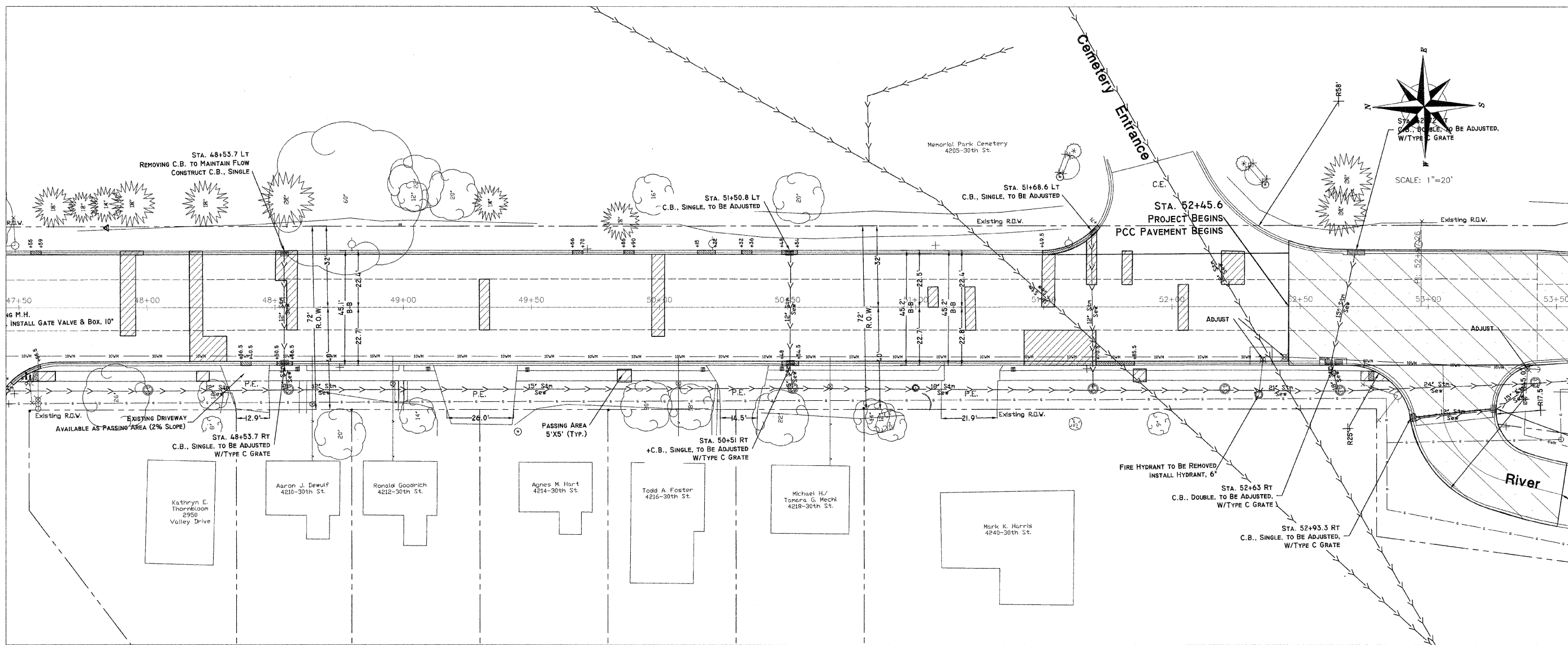
CITY OF ROCK ISLAND  
ENGINEERING DIVISION

30th Street Resurfacing  
31st Avenue to Blackhawk Road

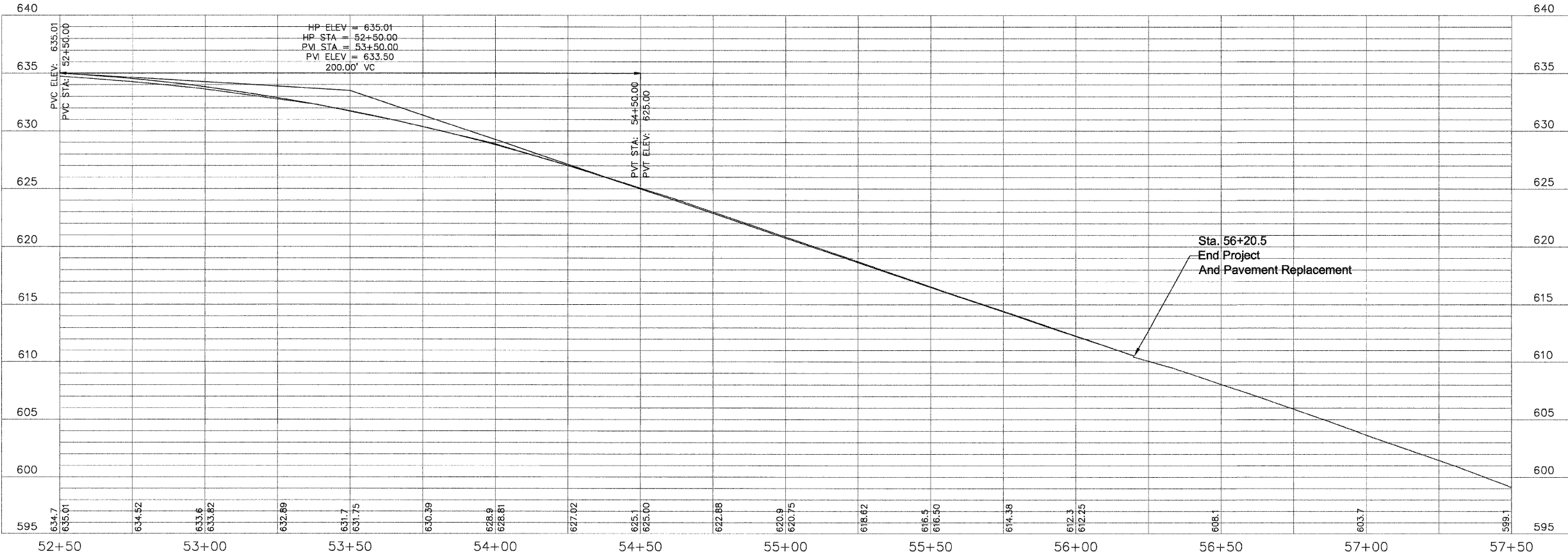
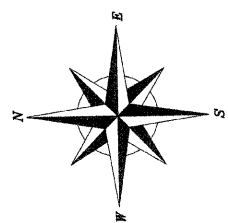
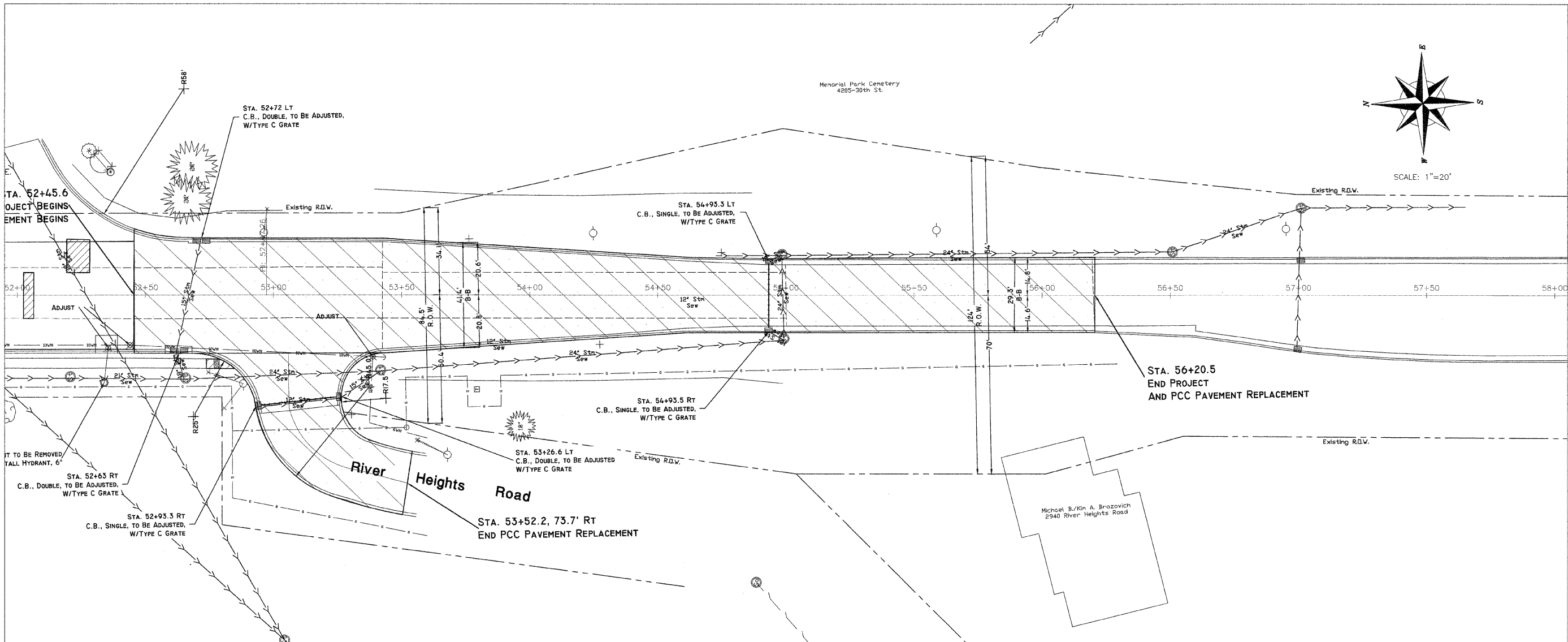
Job Number 2592 Date 2-28-2000  
Computer Drawing Name None By mdw  
Sheet 18 of 43

ROCK ISLAND  
ILLINOIS





85497  
 #09-00186-00-RS  
**CITY OF ROCK ISLAND**  
 ENGINEERING DIVISION  
 30th Street Resurfacing  
 31st Avenue to Blackhawk Road  
 Job Number 2592 Date 2-28-2009  
 Computer Drawing Name None By mdw Sheet 19 of 43  
**ROCK ISLAND**



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#09-00186-00-RS

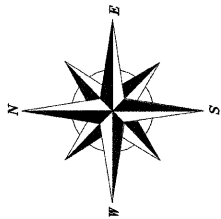
**CITY OF ROCK ISLAND**  
ENGINEERING DIVISION  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-26-2009
Computer Drawing Name	None	By	mdw
Sheet	20	Of	49

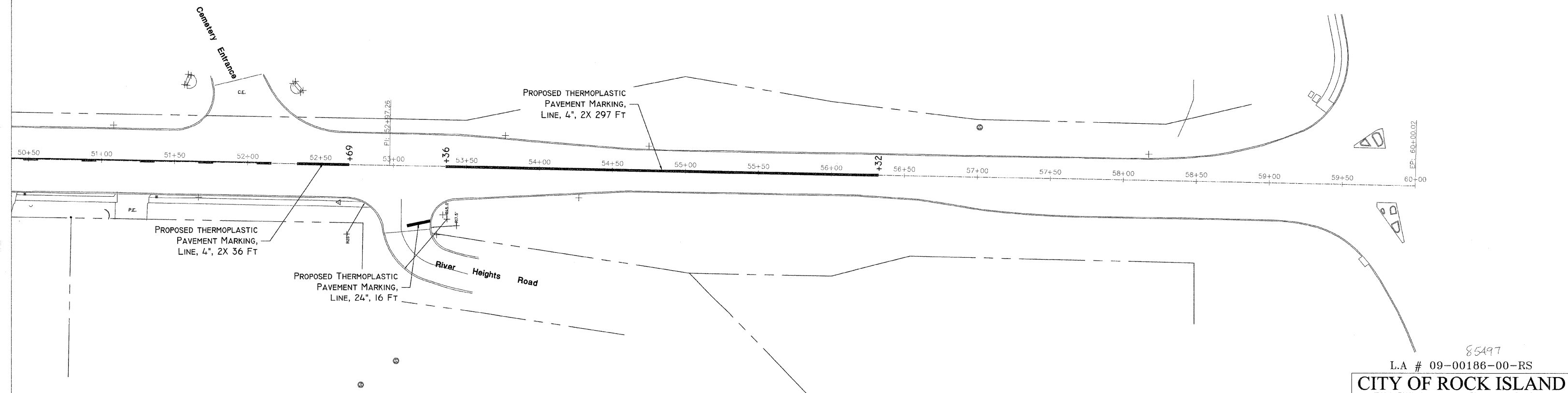
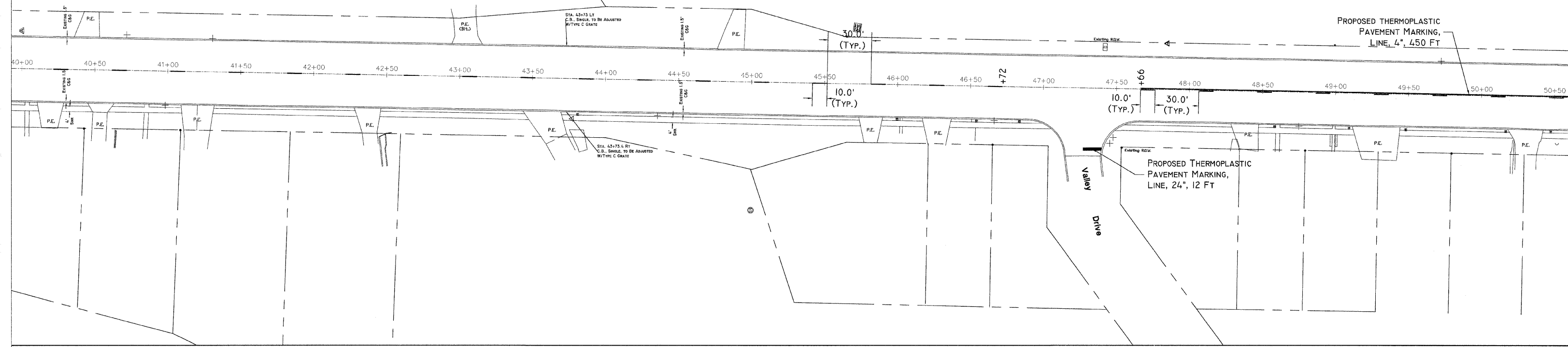
ROCK ISLAND  
ILLINOIS







SCALE: 1"=30'



85497  
L.A # 09-00186-00-RS

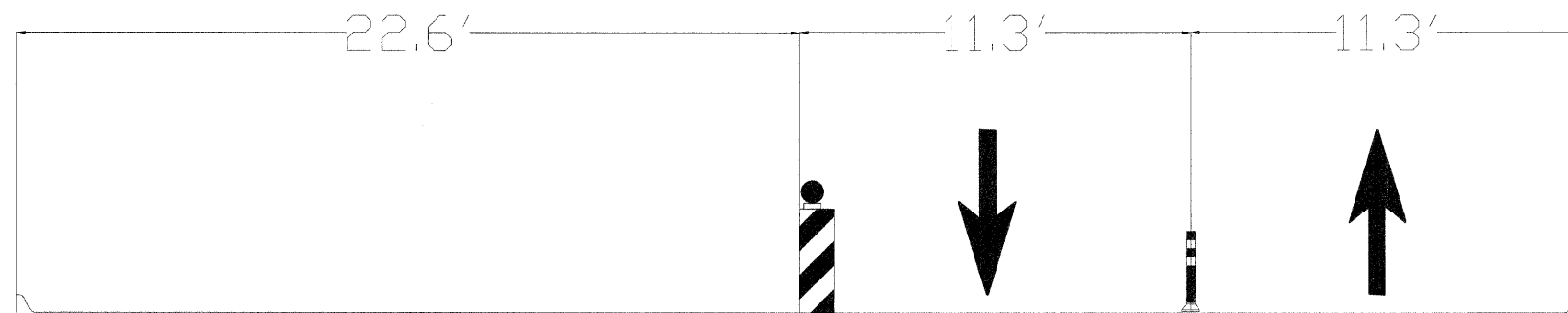
**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

**30th Street Resurfacing  
31st Avenue to Blackhawk Road**

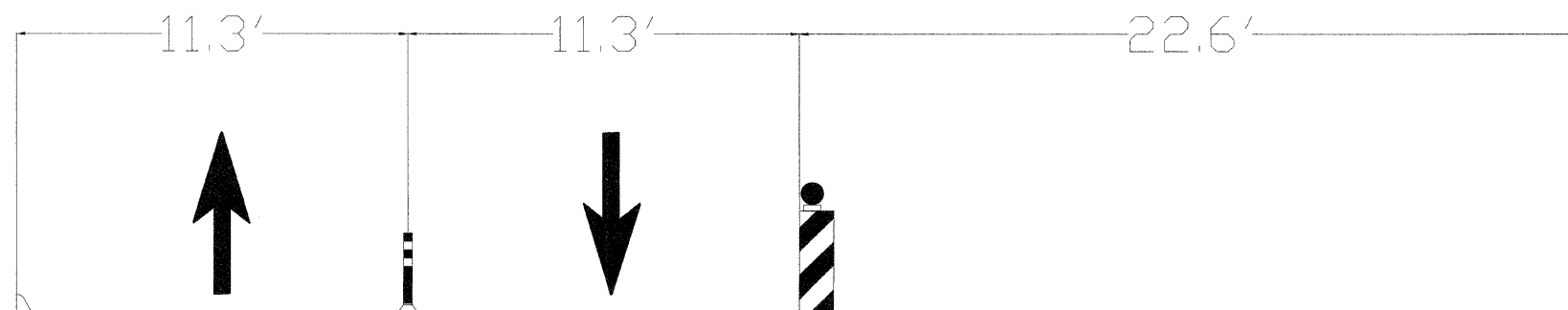
Job Number <b>2592</b>	Date 12-09-2008
Computer Drawing Name 2392 Pavement Marking 31 Ave-RII.RA	By mdw
ROCK ISLAND	Sheet 22 Of 43

# Staging Typical

## Stage 1



## Stage 2



**NOTE:**

DEVICES SEPARATING THE WORK ZONE FROM TRAFFIC SHALL BE VERTICAL BARRICADES W/LIGHTS.

DEVICES SEPARATING TRAFFIC SHALL BE FLEXIBLE DELINEATORS OR GRABBER CONES.(SEE HIGHWAY STANDARD 701901 FOR DETAIL).

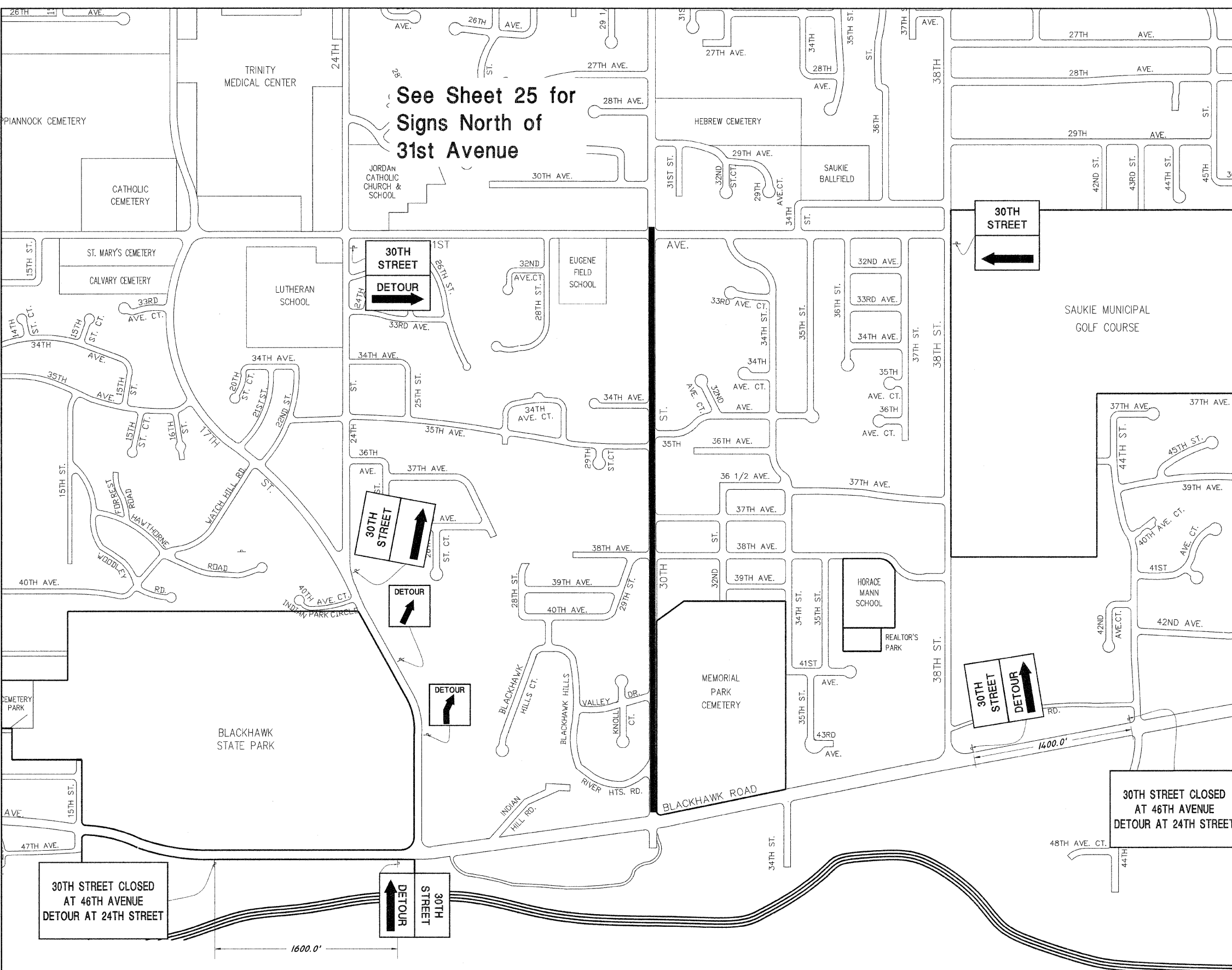
85497  
#09-00186-00-RS  
STAGING TYPICAL

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

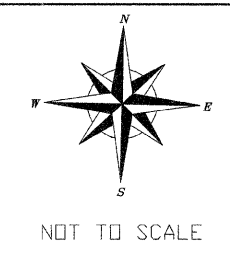
30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	3-18-2009
Computer Drawing Name	2592 typ section.dwg	By	mdw
		Sheet	23
		Of	43

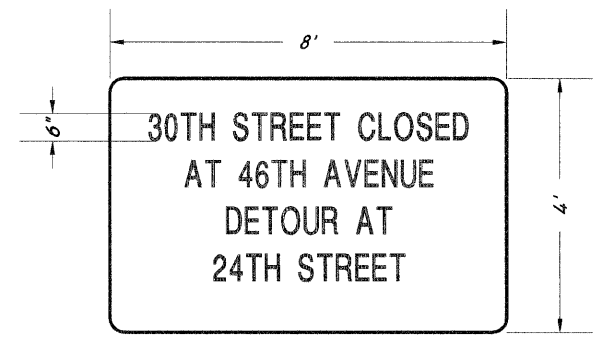




See Sheet 25 for  
Signs North of  
31st Avenue



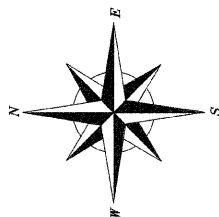
## 30th Street Resurfacing 31st Ave to Blackhawk Road



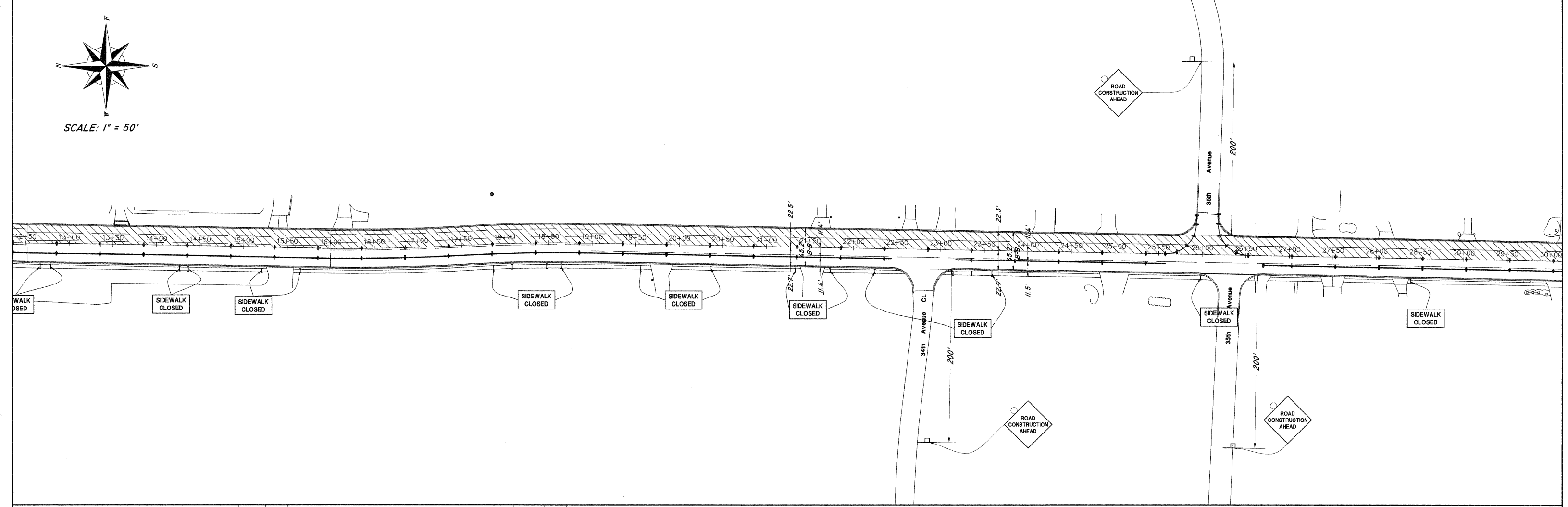
**Detour Sign Design**  
(Letter Series "D")

LEGEND	
	SIGN
	TYPE II BARRICADES OR DRUMS W/LIGHT
	TYPE II BARRICADES OR DRUMS
	TYPE III BARRICADES W/LIGHT
	DRUMS W/STEADY BURNING LIGHT



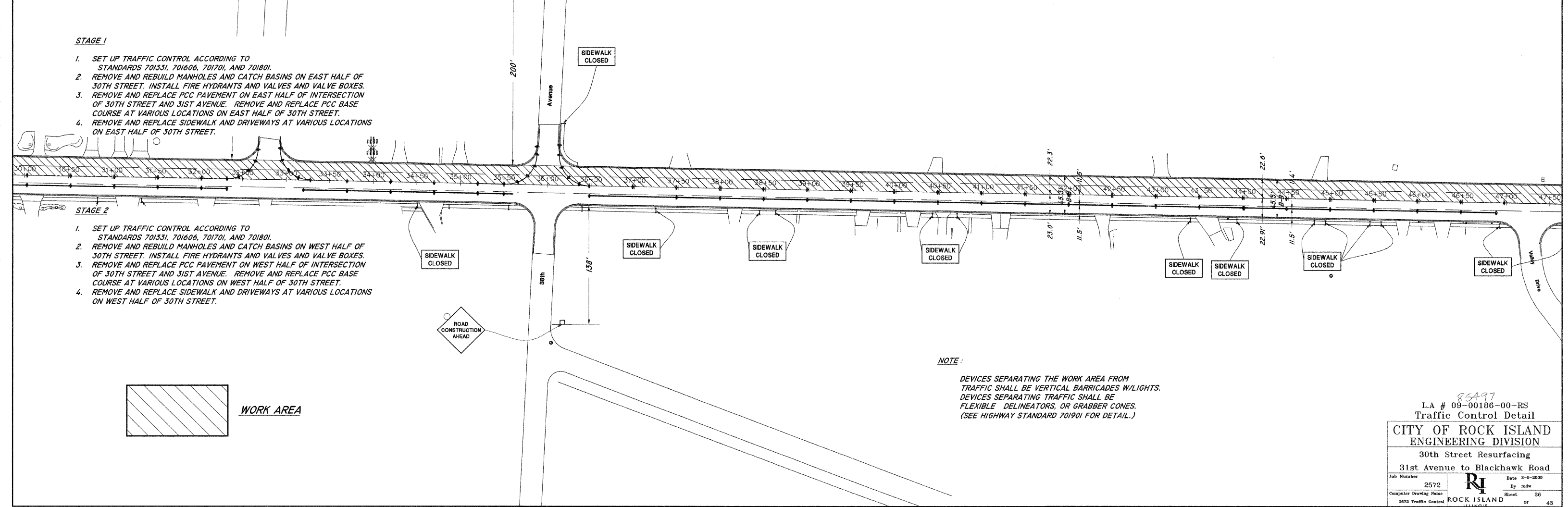


SCALE: 1" = 50'



**STAGE 1**

1. SET UP TRAFFIC CONTROL ACCORDING TO STANDARDS 701331, 701606, 701701, AND 701801.
2. REMOVE AND REBUILD MANHOLES AND CATCH BASINS ON EAST HALF OF 30TH STREET. INSTALL FIRE HYDRANTS AND VALVES AND VALVE BOXES.
3. REMOVE AND REPLACE PCC PAVEMENT ON EAST HALF OF INTERSECTION OF 30TH STREET AND 31ST AVENUE. REMOVE AND REPLACE PCC BASE COURSE AT VARIOUS LOCATIONS ON EAST HALF OF 30TH STREET.
4. REMOVE AND REPLACE SIDEWALK AND DRIVEWAYS AT VARIOUS LOCATIONS ON EAST HALF OF 30TH STREET.



**STAGE 2**

1. SET UP TRAFFIC CONTROL ACCORDING TO STANDARDS 701331, 701606, 701701, AND 701801.
2. REMOVE AND REBUILD MANHOLES AND CATCH BASINS ON WEST HALF OF 30TH STREET. INSTALL FIRE HYDRANTS AND VALVES AND VALVE BOXES.
3. REMOVE AND REPLACE PCC PAVEMENT ON WEST HALF OF INTERSECTION OF 30TH STREET AND 31ST AVENUE. REMOVE AND REPLACE PCC BASE COURSE AT VARIOUS LOCATIONS ON WEST HALF OF 30TH STREET.
4. REMOVE AND REPLACE SIDEWALK AND DRIVEWAYS AT VARIOUS LOCATIONS ON WEST HALF OF 30TH STREET.



**WORK AREA**

**NOTE:**

DEVICES SEPARATING THE WORK AREA FROM TRAFFIC SHALL BE VERTICAL BARRICADES W/LIGHTS. DEVICES SEPARATING TRAFFIC SHALL BE FLEXIBLE DELINEATORS, OR GRABBER CONES. (SEE HIGHWAY STANDARD 701901 FOR DETAIL.)

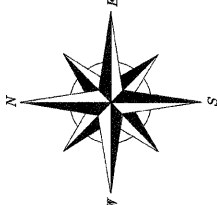
L.A # 09-00186-00-RS  
Traffic Control Detail

**CITY OF ROCK ISLAND**  
ENGINEERING DIVISION

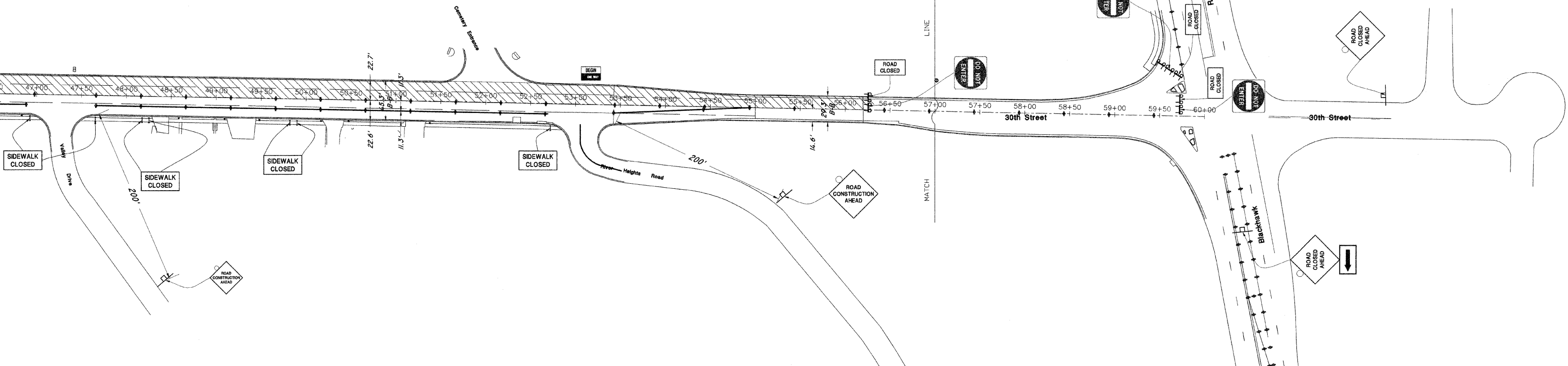
30th Street Resurfacing  
31st Avenue to Blackhawk Road

<small>Job Number</small> 2572	<small>Date</small> 3-9-2009
<small>Computer Drawing Name</small> 2072 Traffic Control	<small>By</small> m.d.w
<small>Sheet</small> 26	<small>Of</small> 43

ROCK ISLAND



SCALE: 1" = 50'

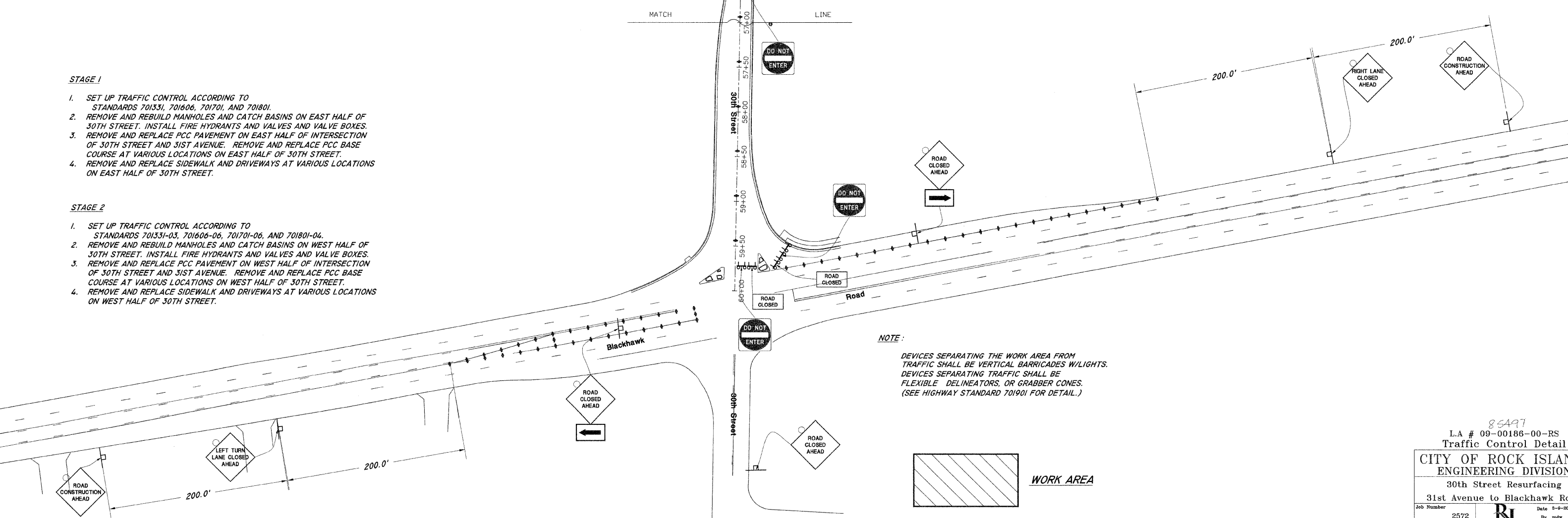


**STAGE 1**

1. SET UP TRAFFIC CONTROL ACCORDING TO STANDARDS 701531, 701606, 701701, AND 701801.
2. REMOVE AND REBUILD MANHOLES AND CATCH BASINS ON EAST HALF OF 30TH STREET. INSTALL FIRE HYDRANTS AND VALVES AND VALVE BOXES.
3. REMOVE AND REPLACE PCC PAVEMENT ON EAST HALF OF INTERSECTION OF 30TH STREET AND 31ST AVENUE. REMOVE AND REPLACE PCC BASE COURSE AT VARIOUS LOCATIONS ON EAST HALF OF 30TH STREET.
4. REMOVE AND REPLACE SIDEWALK AND DRIVEWAYS AT VARIOUS LOCATIONS ON EAST HALF OF 30TH STREET.

**STAGE 2**

1. SET UP TRAFFIC CONTROL ACCORDING TO STANDARDS 701331-03, 701606-06, 701701-06, AND 701801-04.
2. REMOVE AND REBUILD MANHOLES AND CATCH BASINS ON WEST HALF OF 30TH STREET. INSTALL FIRE HYDRANTS AND VALVES AND VALVE BOXES.
3. REMOVE AND REPLACE PCC PAVEMENT ON WEST HALF OF INTERSECTION OF 30TH STREET AND 31ST AVENUE. REMOVE AND REPLACE PCC BASE COURSE AT VARIOUS LOCATIONS ON WEST HALF OF 30TH STREET.
4. REMOVE AND REPLACE SIDEWALK AND DRIVEWAYS AT VARIOUS LOCATIONS ON WEST HALF OF 30TH STREET.



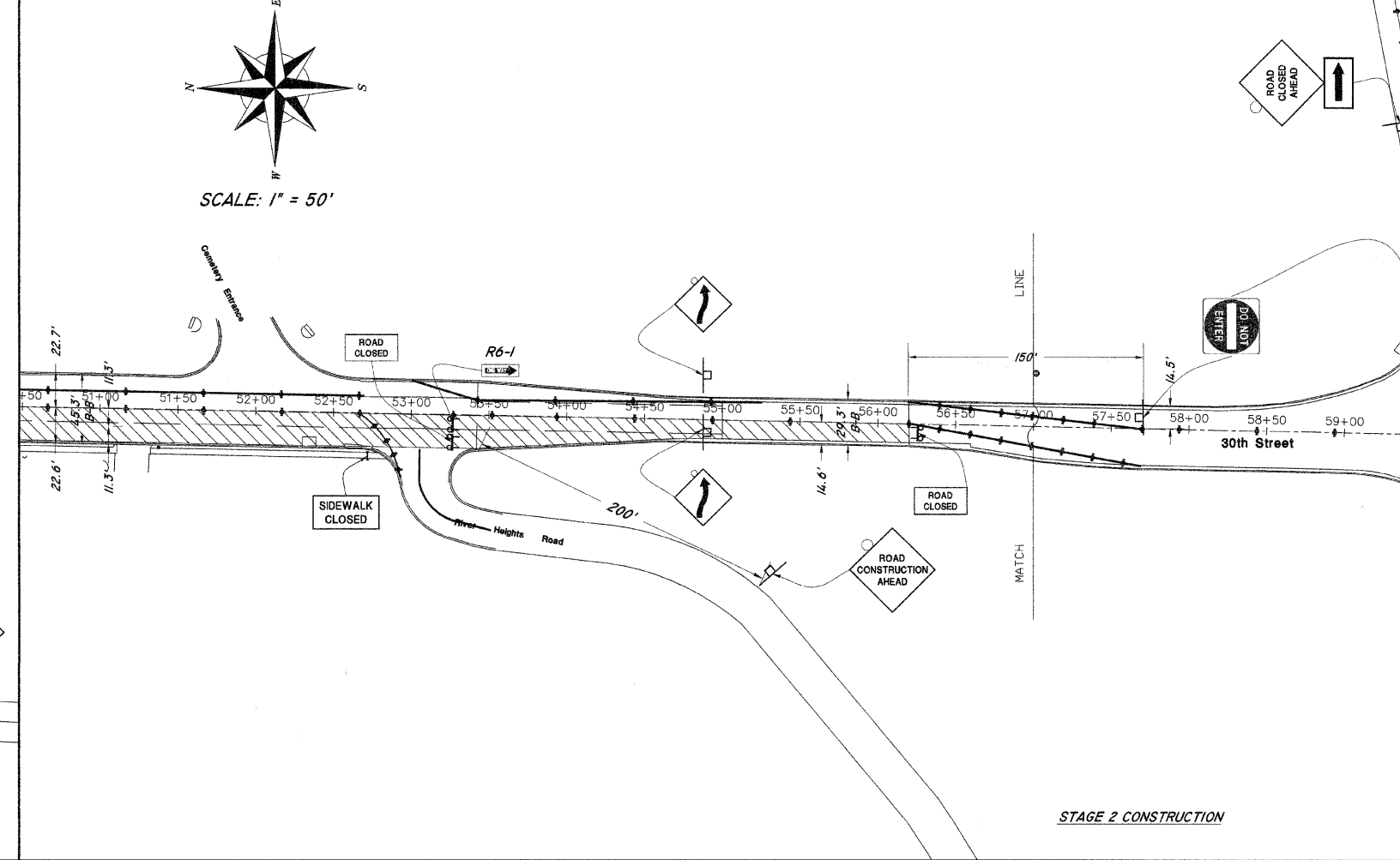
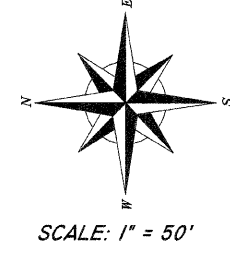
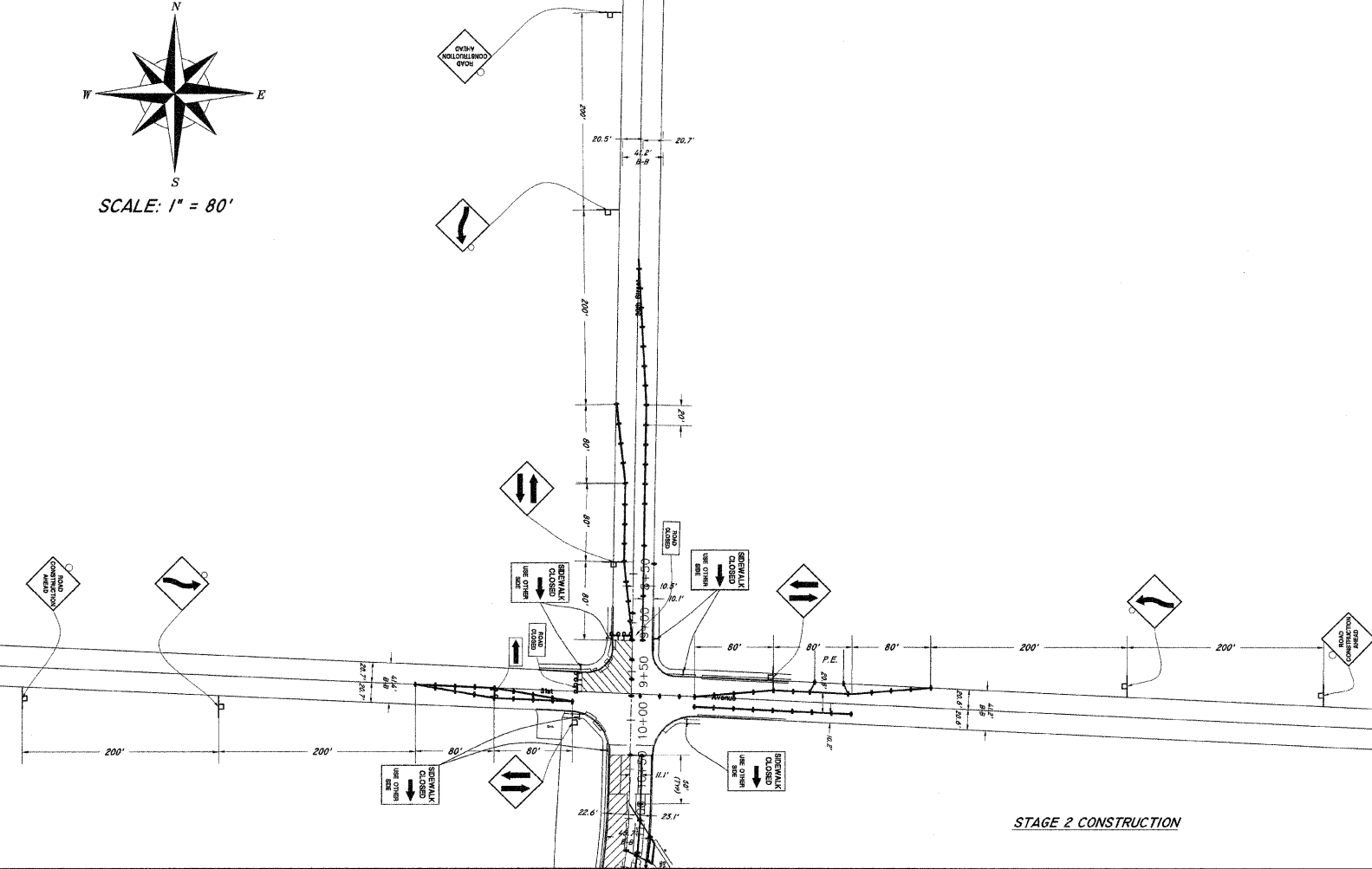
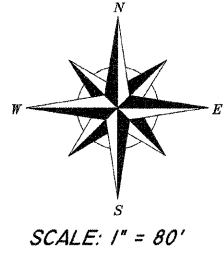
**NOTE:**  
 DEVICES SEPARATING THE WORK AREA FROM TRAFFIC SHALL BE VERTICAL BARRICADES W/LIGHTS.  
 DEVICES SEPARATING TRAFFIC SHALL BE FLEXIBLE DELINEATORS, OR GRABBER CONES.  
 (SEE HIGHWAY STANDARD 701901 FOR DETAIL.)

85497  
 L.A # 09-00186-00-RS  
 Traffic Control Detail

**CITY OF ROCK ISLAND  
 ENGINEERING DIVISION**

30th Street Resurfacing  
 31st Avenue to Blackhawk Road

Job Number 2572	Date 8-9-2009
Computer Drawing Name 8572 Traffic Control	By mdw
ROCK ISLAND	Sheet 27

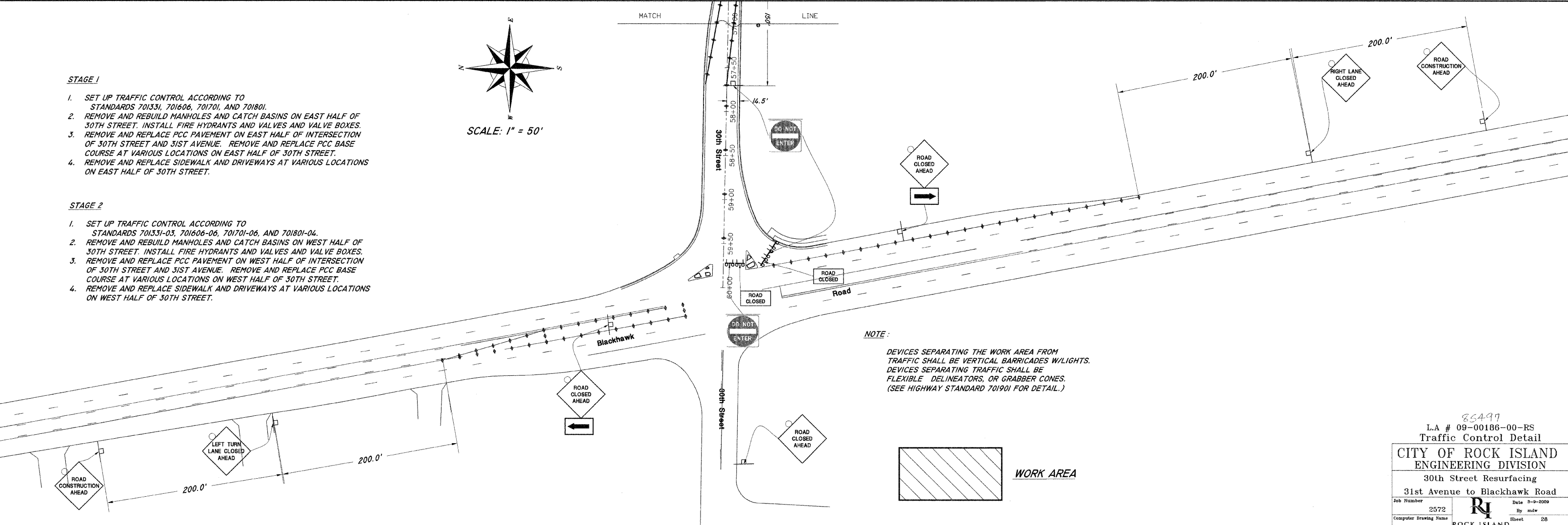
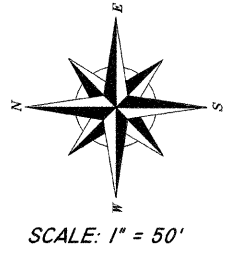


**STAGE 1**

1. SET UP TRAFFIC CONTROL ACCORDING TO STANDARDS 701331, 701606, 701701, AND 701801.
2. REMOVE AND REBUILD MANHOLES AND CATCH BASINS ON EAST HALF OF 30TH STREET. INSTALL FIRE HYDRANTS AND VALVES AND VALVE BOXES.
3. REMOVE AND REPLACE PCC PAVEMENT ON EAST HALF OF INTERSECTION OF 30TH STREET AND 31ST AVENUE. REMOVE AND REPLACE PCC BASE COURSE AT VARIOUS LOCATIONS ON EAST HALF OF 30TH STREET.
4. REMOVE AND REPLACE SIDEWALK AND DRIVEWAYS AT VARIOUS LOCATIONS ON EAST HALF OF 30TH STREET.

**STAGE 2**

1. SET UP TRAFFIC CONTROL ACCORDING TO STANDARDS 701331-03, 701606-06, 701701-06, AND 701801-04.
2. REMOVE AND REBUILD MANHOLES AND CATCH BASINS ON WEST HALF OF 30TH STREET. INSTALL FIRE HYDRANTS AND VALVES AND VALVE BOXES.
3. REMOVE AND REPLACE PCC PAVEMENT ON WEST HALF OF INTERSECTION OF 30TH STREET AND 31ST AVENUE. REMOVE AND REPLACE PCC BASE COURSE AT VARIOUS LOCATIONS ON WEST HALF OF 30TH STREET.
4. REMOVE AND REPLACE SIDEWALK AND DRIVEWAYS AT VARIOUS LOCATIONS ON WEST HALF OF 30TH STREET.

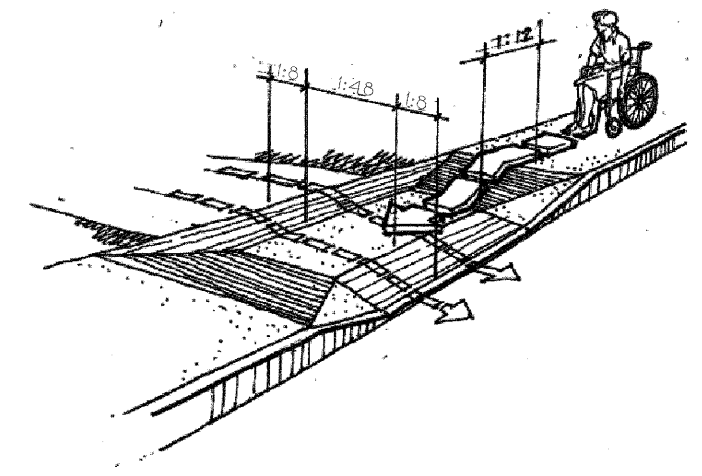
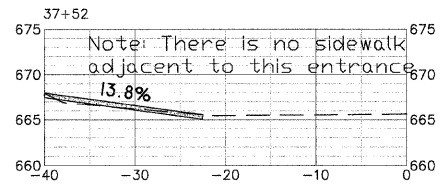
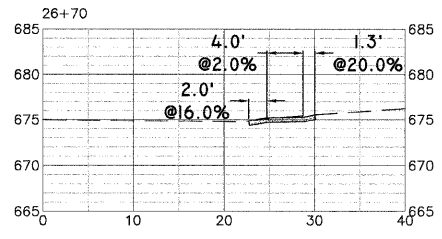


85497  
L.A # 09-00186-00-RS  
Traffic Control Detail  
**CITY OF ROCK ISLAND**  
ENGINEERING DIVISION  
30th Street Resurfacing  
31st Avenue to Blackhawk Road

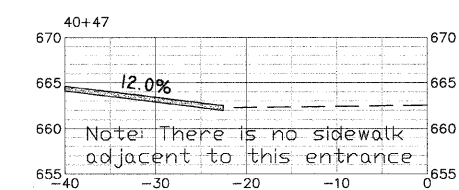
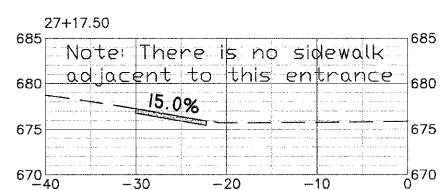
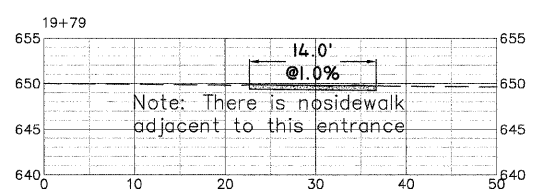
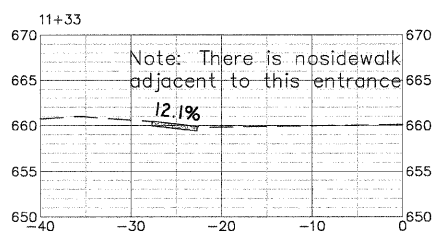
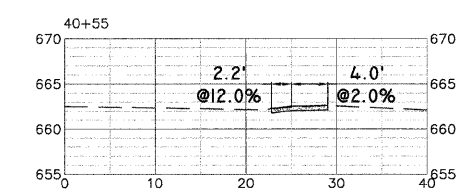
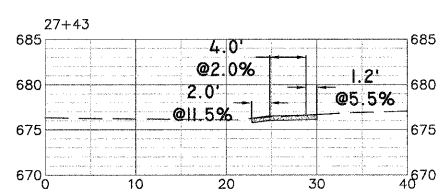
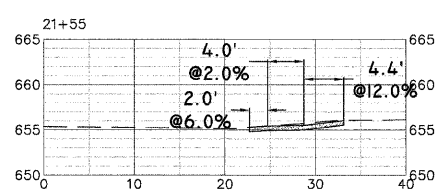
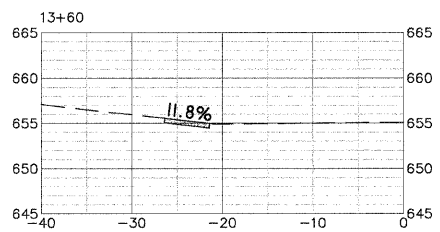
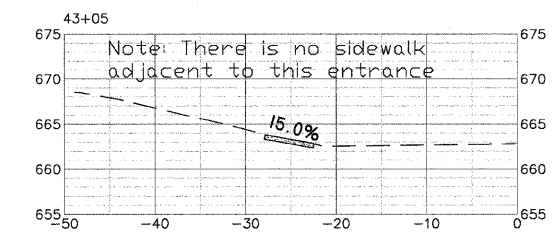
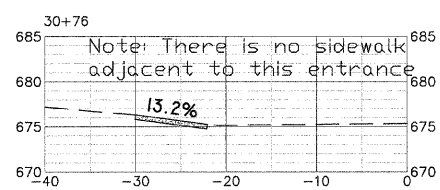
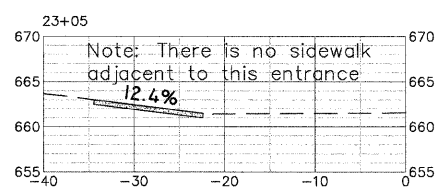
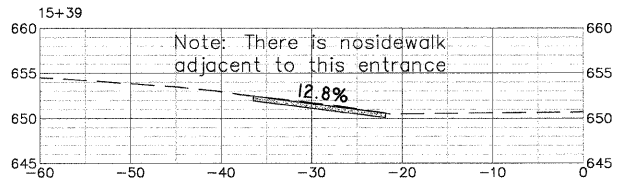
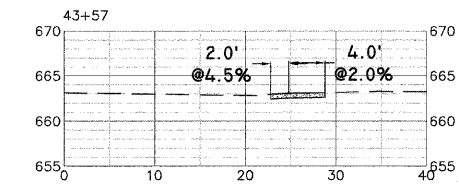
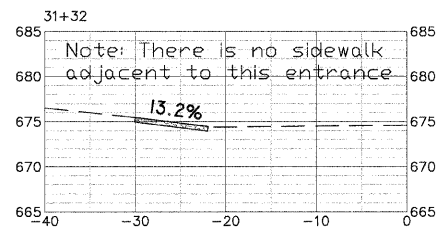
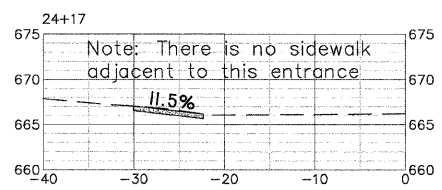
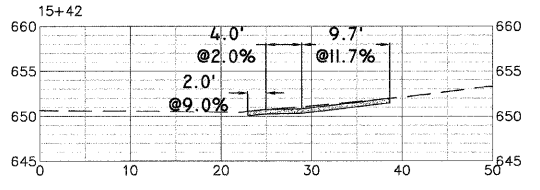
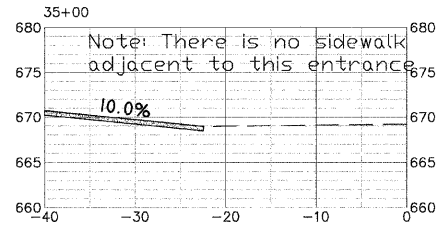
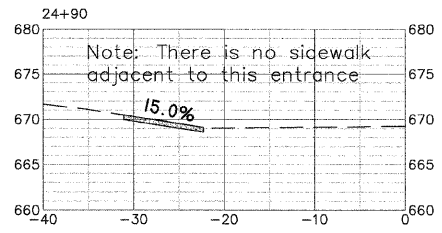
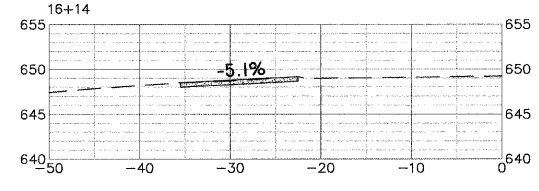
Job Number	2572	Date	8-9-2009
Computer Drawing Name	2072 Traffic Control	By	mdw
Sheet	28		

ROCK ISLAND





**Typical Proposed Driveway Section to Meet ADA Standards**  
**All Slopes Shown Are Maximum Allowable**  
 (1:8 Slope = 12%)  
 (1:48 Slope = 2%)  
 (Taken from *Accessible Rights-of-Way: A Design Guide* Published by the U.S. Architectural and Transportation Barriers Compliance Board)



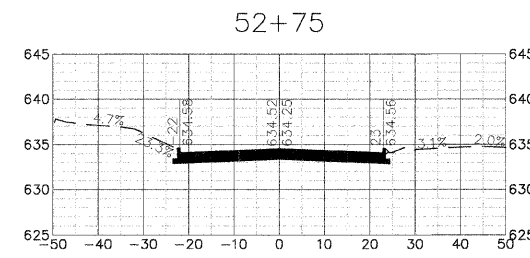
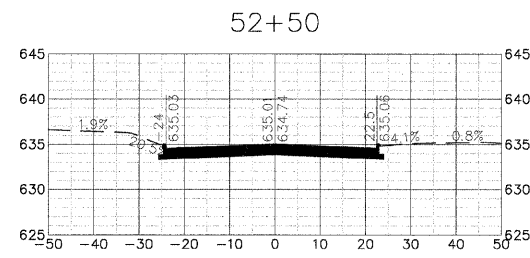
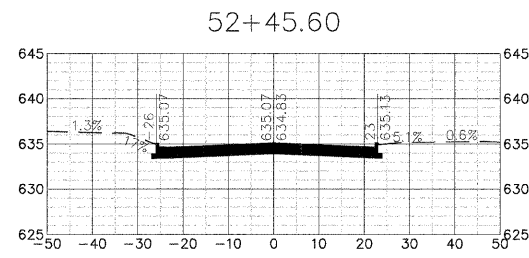
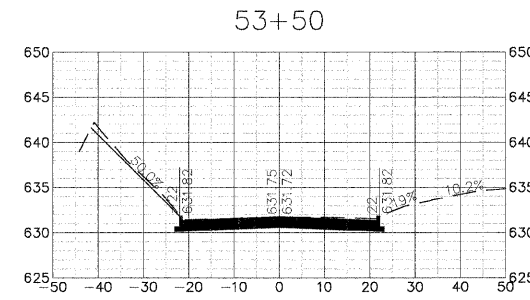
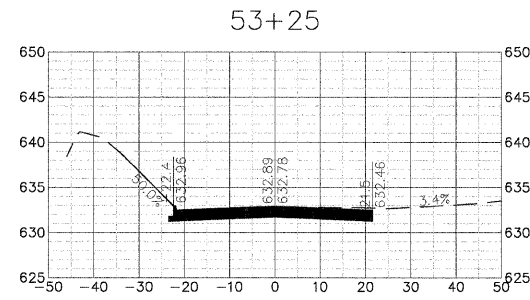
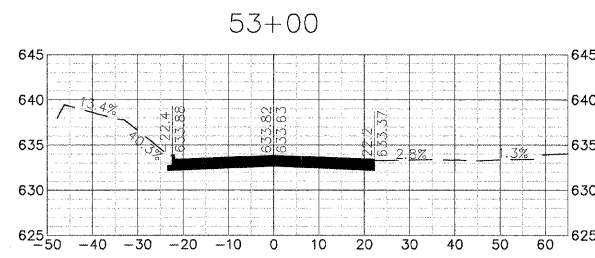
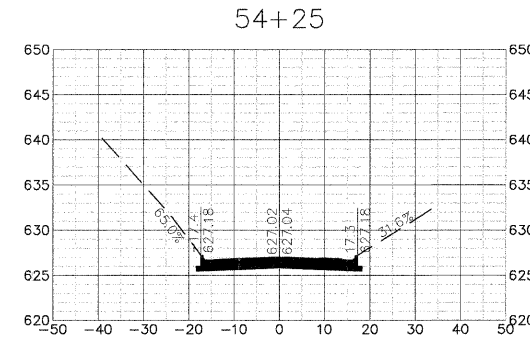
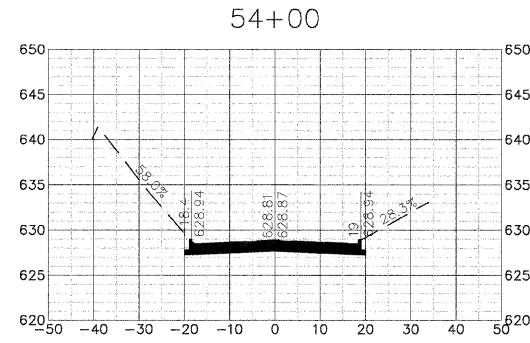
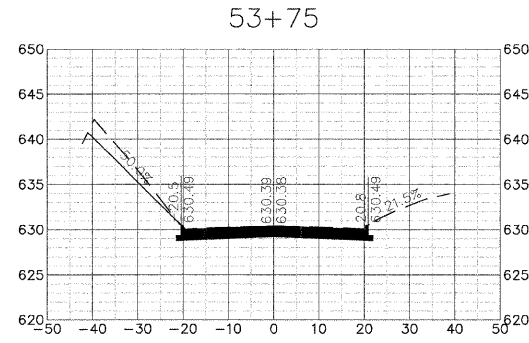
85497

**DRIVEWAY SECTIONS**  
 L.A # 09-00186-00-RS

**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

**30th Street Resurfacing**  
 31st Avenue to Blackhawk Road

Job Number	Date
2592	6-24-2009
Computer Drawing Name	By
None	mdw
ROCK ISLAND	Sheet
	29
	Of 43

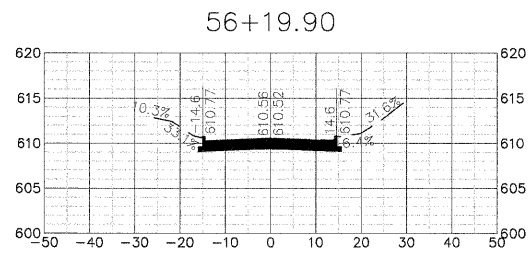
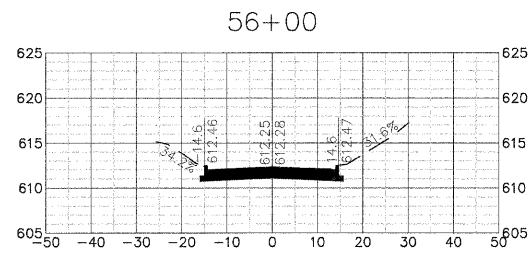


85497  
 30TH ST & RIVER HEIGHTS  
 ROAD CROSS SECTIONS  
 L.A # 09-00186-00-RS  
**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

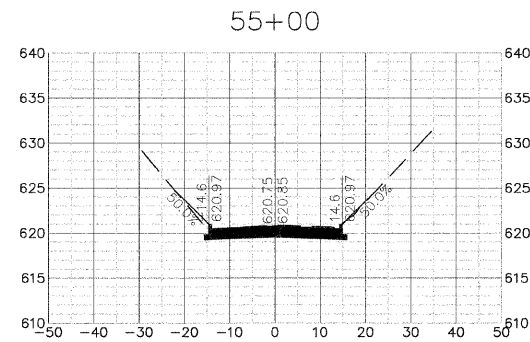
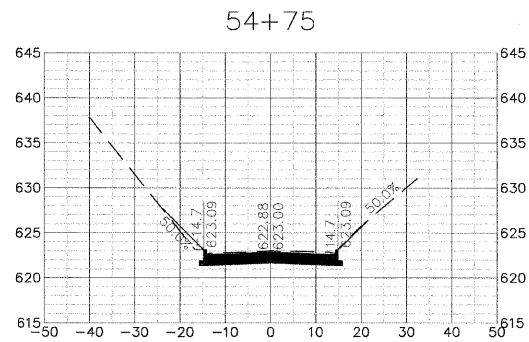
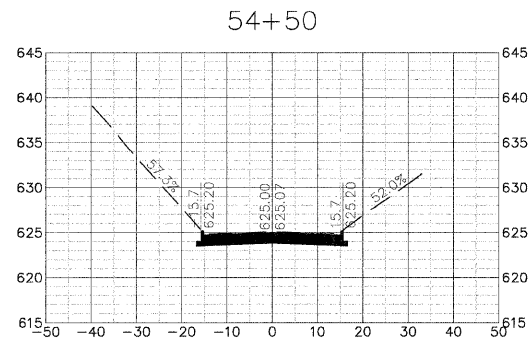
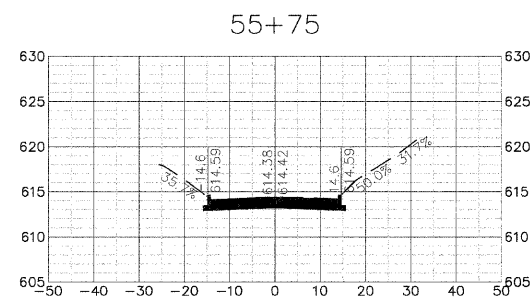
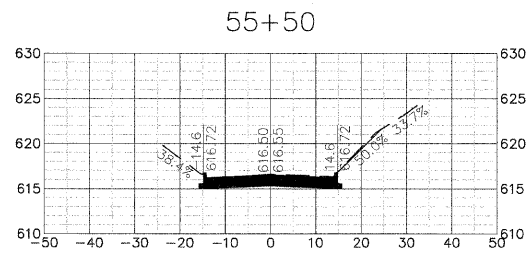
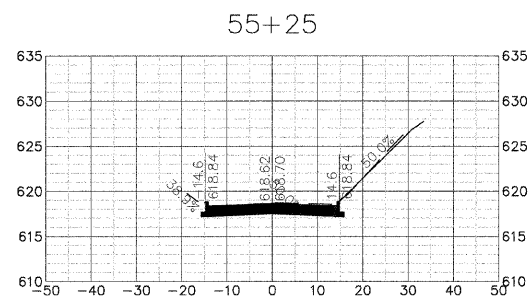
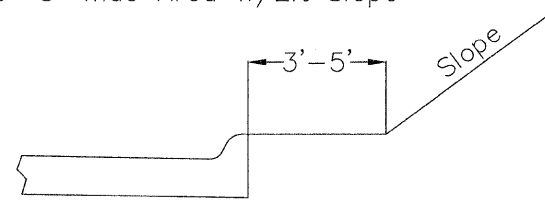
30th Street Resurfacing  
 31st Avenue to Blackhawk Road

Job Number	2592	Date	6-24-2009
Computer Drawing Name	None	By	mdw
		Sheet	30
		Of	43





For Construction Expect a  
3'-5' Wide Area W/2% Slope



85A97  
30TH ST & RIVER HEIGHTS  
ROAD CROSS SECTIONS  
L.A # 09-00186-00-RS  
**CITY OF ROCK ISLAND**  
**ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

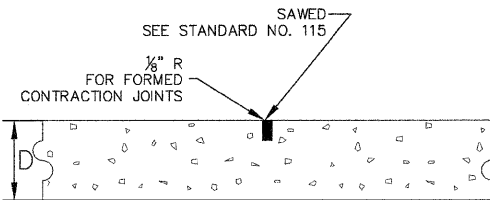
Job Number	2592	Date	6-24-2009
Computer Drawing Name	None	By	mdw
		Sheet	31
		Of	43

TRANSVERSE JOINTS

HEADERS

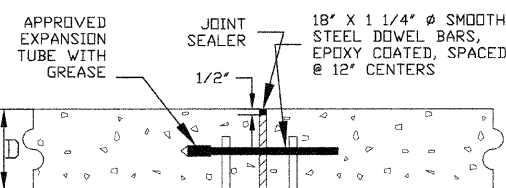
LONGITUDINAL JOINTS

CONTRACTION JOINT  
(TYPE C & TYPE S)

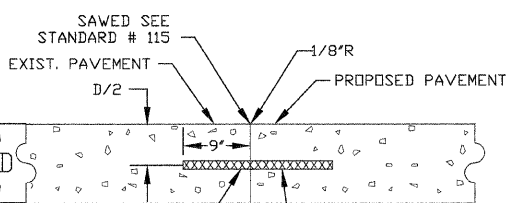


NOTE:  
FORMED JOINTS LESS THAN D/3 MUST BE  
SAWED TO REQUIRED DEPTH

DOWELED EXPANSION JOINT  
(TYPE ED)



LONGITUDINAL JOINT ABUTTING  
EXISTING PAVEMENT



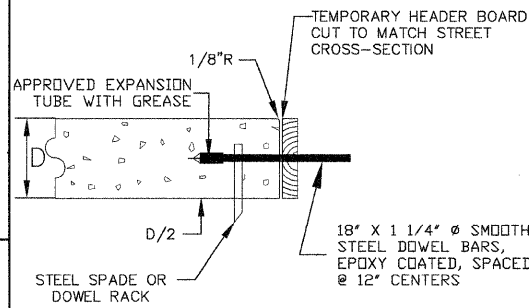
BARS TO BE  
DRILLED AND  
GROUTED INTO  
EXISTING PAVEMENT

24" X 3/4"  $\phi$   
DEFORMED BARS, EPOXY  
COATED SPACED AT 24"  
OR 3/4" EXPANSION  
ANCHOR TIES SPACED  
AT 30"

REVISION	MDW	03/31/05
REVISION	MDW	07/16/04
REVISION	MDW	04/08/00
METRIC	BJT	12/19/96
REVISION	CWE	06/27/91
STAND102.DWG	MDW	03/91
REVISION	BY	DATE

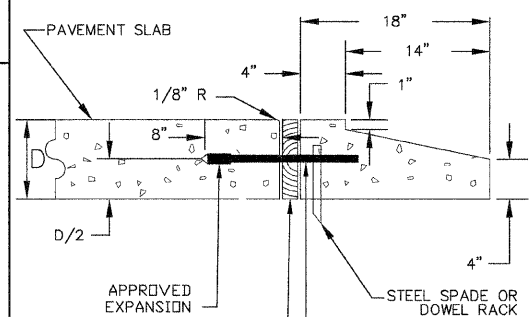
NOT TO SCALE

CONSTRUCTION JOINT OR  
EMERGENCY HEADER  
(TYPE D)



NOTE:  
TO BE CONSTRUCTED AS A  
CONTRACTION JOINT WHEN  
CONSTRUCTION IS RESUMED

PERMANENT HEADER

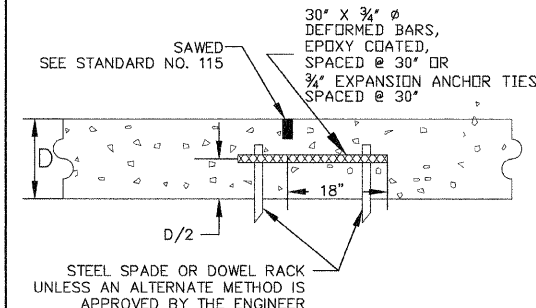


HEADER BOARD MUST BE CUT  
TO MATCH STREET CROSS-  
SECTION, & MAY BE LEFT  
IN PLACE

18" X 1 1/4"  $\phi$  SMOOTH  
STEEL DOWEL BARS,  
EPOXY COATED, SPACED  
@ 12" CENTERS

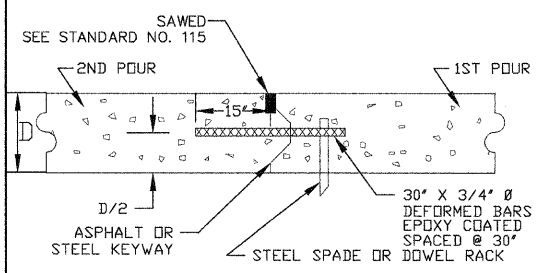
S:\... \MISC\STANDARD\CRI\_STD\102.DWG

LONGITUDINAL CONTRACTION JOINT  
WITH DEFORMED BARS  
(TYPE L)



STEEL SPADE OR DOWEL RACK  
UNLESS AN ALTERNATE METHOD IS  
APPROVED BY THE ENGINEER

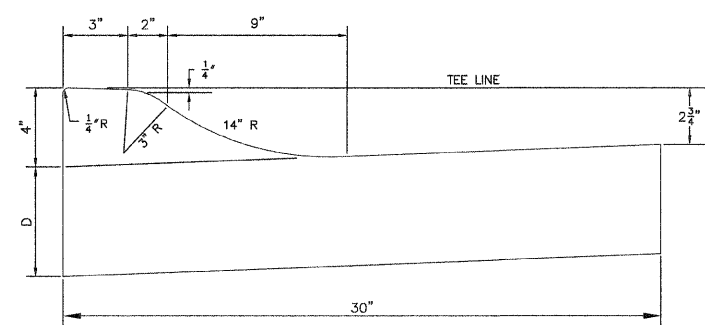
KEYED CONSTRUCTION JOINT  
(TYPE K)  
(FOR PAVEMENT >9')



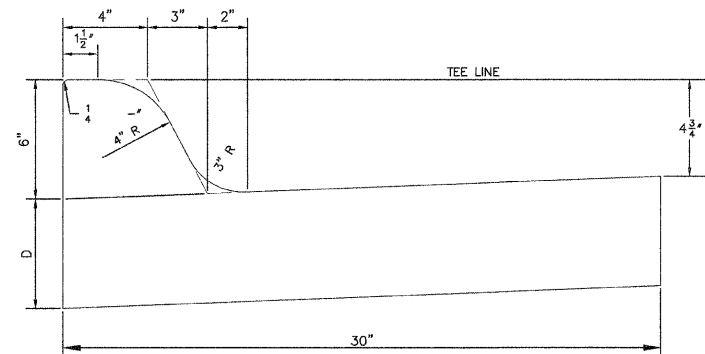
TRANSVERSE JOINTS, HEADERS,  
AND LONGITUDINAL JOINTS

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 102



ROLL-OVER CURB

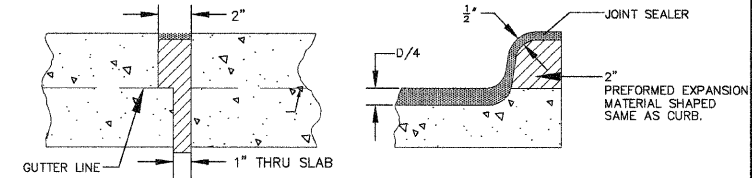


STANDARD CURB SECTION

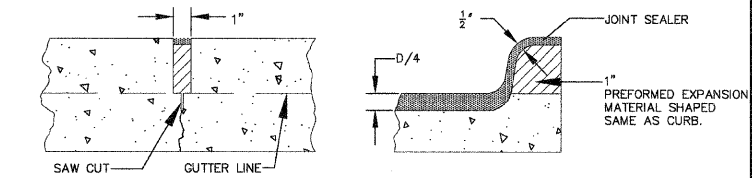
NOT TO SCALE

METRIC	PMGJ	01/27/97
STAND103.DWG	CWE	08/03/92
REVISION	BY	DATE

S:\... \MISC\STANDARD\CRI\_STD\103.DWG



WITH EXPANSION JOINT



WITH TRANSVERSE CONTRACTION JOINT

CURB JOINT - AT INTERSECTION RETURN

CURB SECTION &  
CURB JOINT DETAILS

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

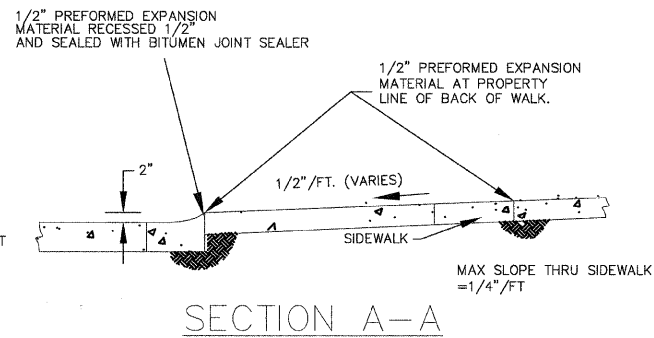
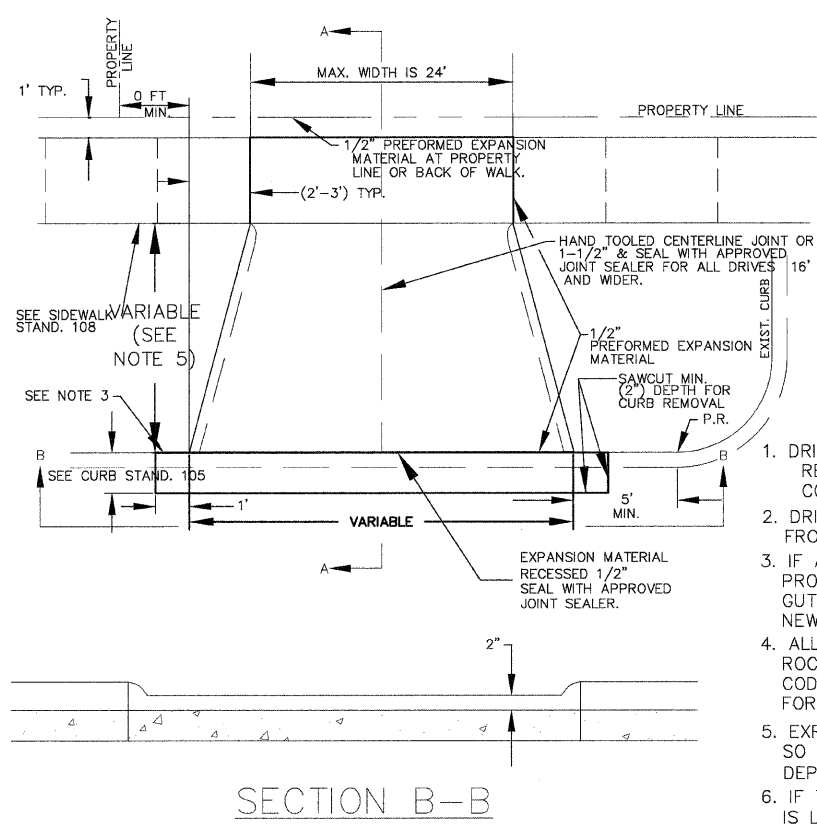
STANDARD NO. 103

85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
CITY OF ROCK ISLAND  
ENGINEERING DIVISION

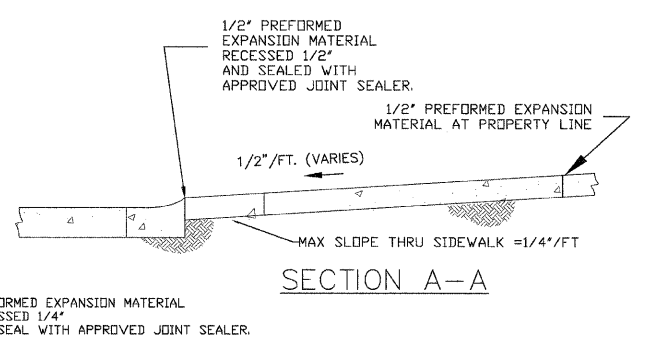
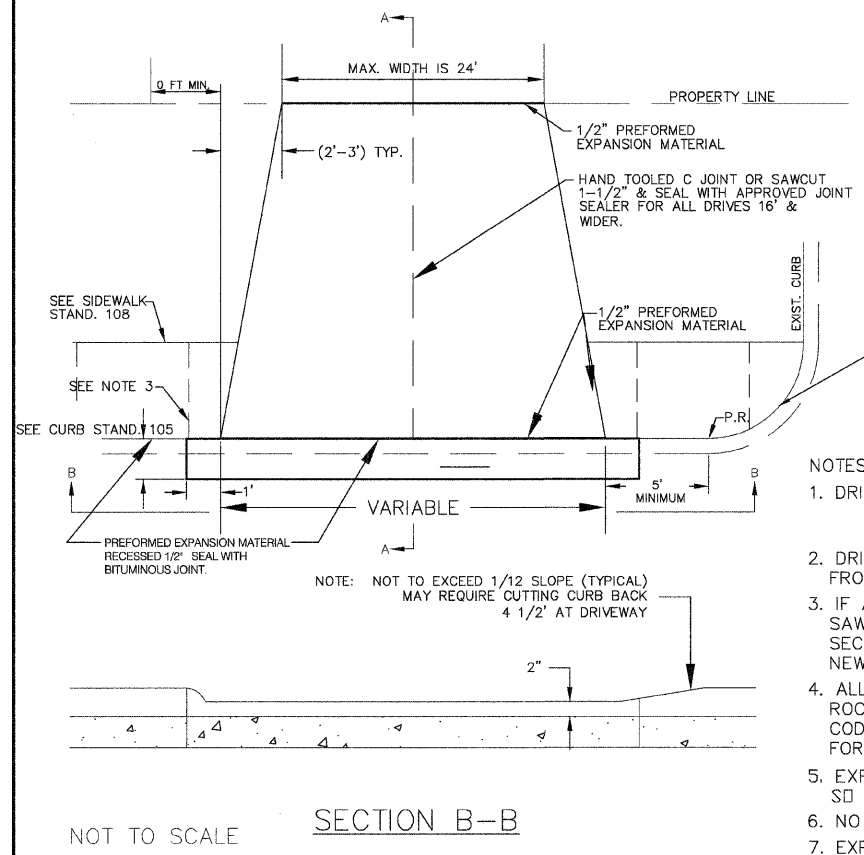
30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
Sheet	32	Of	32





- NOTES:**
1. DRIVEWAY AND SIDEWALK THICKNESS:  
RESIDENTIAL - 6" (5" IF 42# MESH IS USED)  
COMMERCIAL - 7" (6" IF 42# MESH IS USED)
  2. DRIVEWAY AND CURB CUT PERMITS MUST BE OBTAINED FROM CITY ENGINEER PRIOR TO CONSTRUCTION.
  3. IF AN EXISTING JOINT IS WITHIN 2' OF THE PROPOSED SAW CUT IN THE STREET, THEN ALL OF THE GUTTER SECTION SHOULD BE REMOVED & REPLACED WITH NEW PAVEMENT.
  4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ROCK ISLAND STANDARD SPECIFICATIONS, THE MUNICIPAL CODE AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  5. EXPANSION TO BE FLUSH WITH FACE OF BACK OF CURB SO A TIGHT, STRAIGHT JOINT IS ATTAINED, AND FULL DEPTH OF DRIVE.
  6. IF THE DISTANCE FROM THE BACK OF CURB TO THE SIDEWALK IS LESS THAN 3', DELETE SIDEWALK THRU DRIVEWAY. (SEE CRI STANDARD NO. 107)
  7. NO MASONITE TO BE USED AS FORMS
  8. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS



- NOTES:**
1. DRIVEWAY AND SIDEWALK THICKNESS:  
RESIDENTIAL - 6" (5" IF 42# MESH IS USED)  
COMMERCIAL - 7" (6" IF 42# MESH IS USED)
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  6. NO MASONITE TO BE USED FOR FORMS
  7. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS

NOT TO SCALE

REVISED	MJH	05/07/01
REVISED	PJK	01/10/01
REVISED	TAB	01/27/01
REVISED	PMCJ	08/02/99
REVISED	CAM	05/14/99
METRIC	BJT	12/20/97
REVISED	RDJ	07/19/95
REVISED	CWE	06/27/91
REVISION	BY	DATE

**DRIVEWAY STANDARD  
FOR DRIVES WITH SIDEWALKS 2'  
OR MORE FROM BACK OF CURBS**

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 106

REVISED	MJH	05/03/01
REVISED	PJK	01/10/2001
REVISED	TAB	01/27/2000
REVISED	PMCJ	08/02/99
REVISED	CAM	05/14/99
METRIC	BJT	12/26/96
REVISED	RDJ	07/19/95
STANDARDIZED	CWE	06/28/91
REVISION	BY	DATE

**DRIVEWAY STANDARD  
FOR DRIVES WITH SIDEWALK  
LOCATED AT BACK OF CURB**

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 107

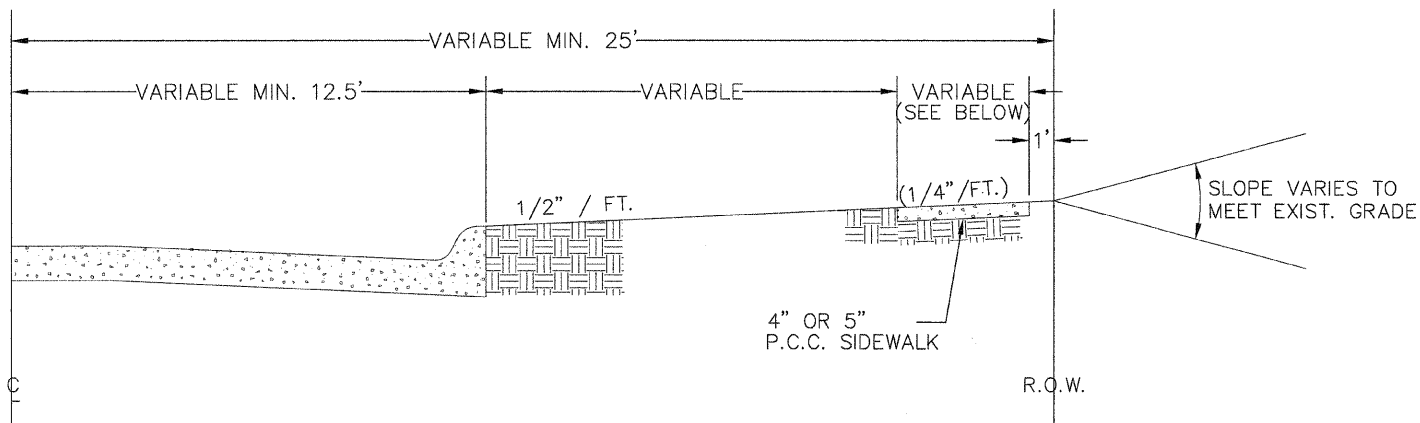
85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
		Sheet	33
		Of	43

ROCK ISLAND ILLINOIS



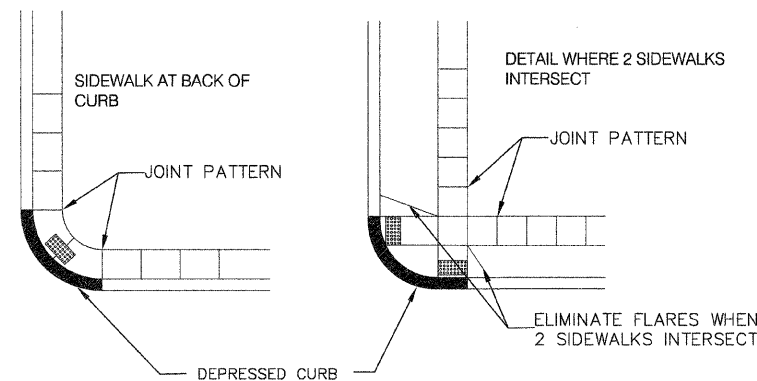
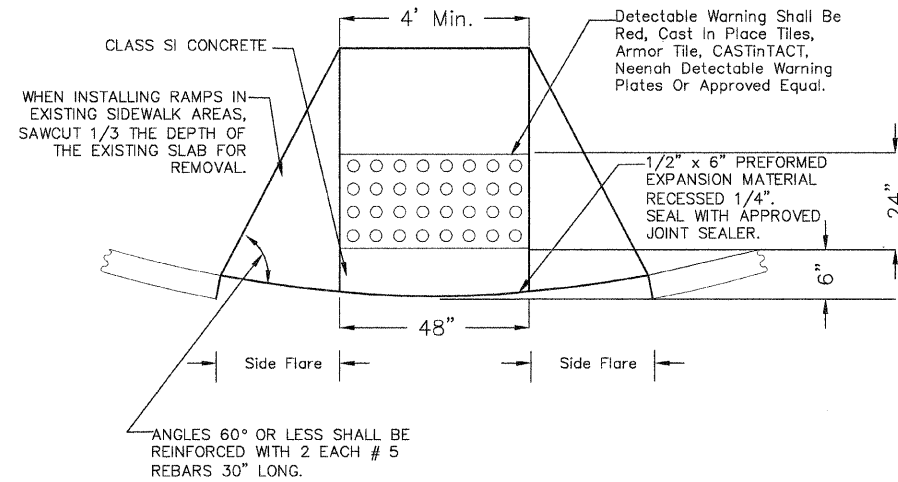
**NOTES**

- A. SIDEWALK PERMITS SHALL BE OBTAINED FROM THE CITY ENGINEER PRIOR TO CONSTRUCTION.
- B. SIDEWALK JOINTS
  - 1. EXPANSION JOINTS: A 1/2" X 4" OR 5" PREMOULDED BITUMINOUS EXPANSION JOINT SHALL BE INSTALLED FOR EVERY 100 FEET OF WALK, AND WHENEVER THE WALK ABUTS AGAINST A CURB, DRIVE APPROACH, FIRE HYDRANT, INTERSECTING SIDEWALK OR BUILDING. JOINTS AT CURBS SHALL BE SEALED WITH APPROVED JOINT SEALER.
  - 2. CONTRACTION OR DUMMY JOINTS: THE SIDEWALK SURFACE SHALL BE DIVIDED BY GROOVES CONSTRUCTED AT RIGHT ANGLES TO THE CENTER LINE OF THE SIDEWALK. THESE GROOVES SHALL EXTEND TO 1/4" THE DEPTH OF THE SIDEWALK, AND SHALL BE SET NOT LESS THAN 1/8" AND NOT MORE THAN 1/4" IN WIDTH, AND SHALL BE EDGED WITH AN EDGING TOOL HAVING A 1/4" RADIUS. NO SLAB SHALL BE LONGER THAN 6', NOR LESS THAN 4', ON ANY ONE SIDE. THE EDGES OF ALL THE SLABS SHALL ALSO BE EDGED.
- C. VARIANCE FROM STANDARD
  - 1. ANY VARIANCE FROM THIS STANDARD SHALL BE SUBMITTED TO THE CITY ENGINEER IN WRITTEN FORM FOR APPROVAL PRIOR TO ISSUANCE OF SIDEWALK PERMIT.
- D. NO MASONITE MATERIAL TO BE USED FOR FORMS.
- E. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS.

AREA ZONING/LAND USE	WIDTH	THICKNESS
SINGLE FAMILY RESIDENCE	4'	4" or 5"
MULTIPLE FAMILY	5'	4" or 5"
COMMERCIAL OR BUSINESS	10'	5"

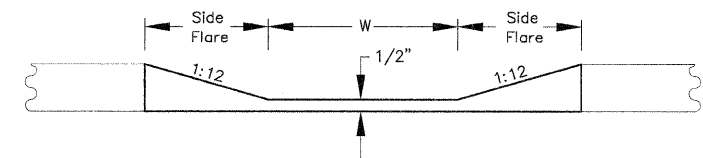
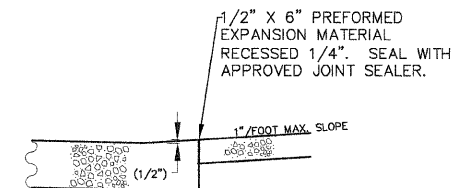
**TYPICAL SIDEWALK AND GRADING PLAN**

CITY OF ROCK ISLAND  
ENGINEERING DIVISION  
STANDARD NO. 108



**NOTE:**

1. THE EXACT LOCATION AND QUANTITY OF RAMPS AT EACH INTERSECTION SHALL BE DETERMINED INDIVIDUALLY BY THE ENGINEER DUE TO DIFFERENCES OF TRAFFIC FLOW, STREET WIDTHS, AND RADIUS LENGTHS.
2. SEE CURB CUT DETAIL, STANDARD NO. 103, FOR MEETING DIFFERENT TYPES OF STREET PAVING. CONCRETE THICKNESS SHALL BE 6".
3. SIDEWALK TO BE THOROUGHLY SPADED.
4. NO MASONITE TO BE USED FOR FORMS.
5. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS.



**NOT TO SCALE**

REVISION	BY	DATE
REVISED	MDW	03/25/08
REVISED	MJH	05/04/01
REVISED	PJK	01/15/2001
REVISED	CAM	05/14/99
METRIC	BJT	12/28/96
REVISION	BY	DATE

S:\... \MISC\STANDARD\CRI\_STD\108.DWG

**NOT TO SCALE**

REVISION	BY	DATE
REVISED	MDW	11/10/2005
REVISED	TAB	10/18/2005
REVISED	PJK	01/10/2001
METRIC/ENGLISH	TAB	01/27/2000
METRIC	PWCI	01/27/97
REVISION	PWCI	12/4/96
REVISION	RDJ	01/27/94
STANDARDIZED	CNE	06/26/91

S:\... \MISC\STANDARD\CRI\_STD\109.DWG

**PCC PEDESTRIAN CURB RAMPS**

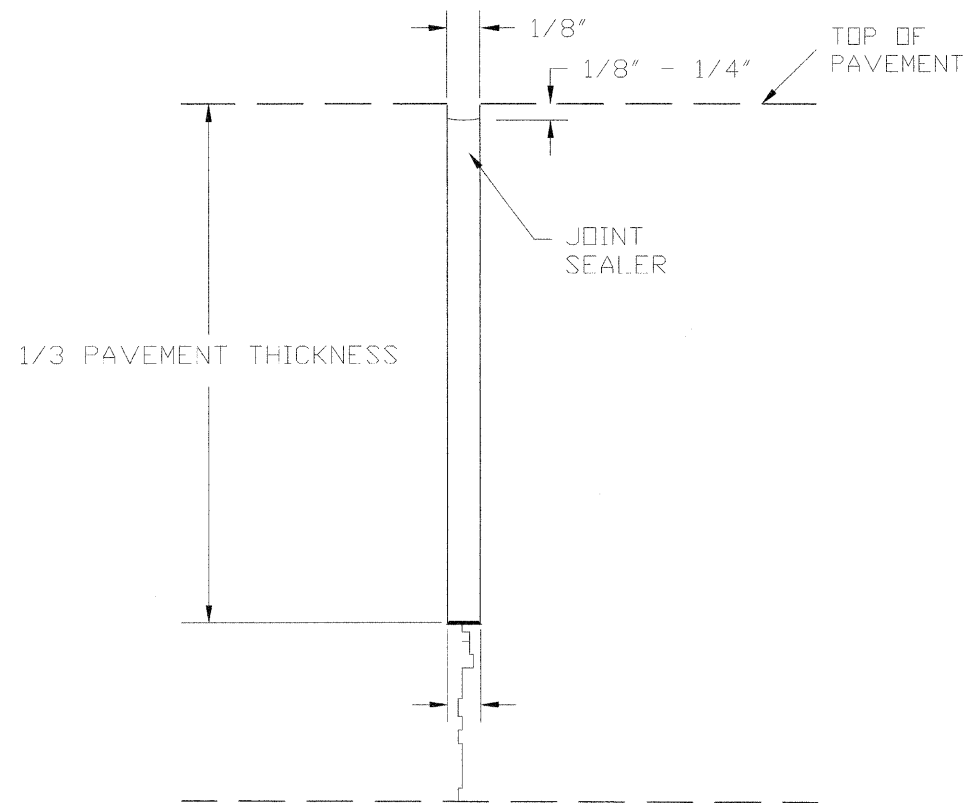
CITY OF ROCK ISLAND  
ENGINEERING DIVISION  
STANDARD NO. 109A

85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

**30th Street Resurfacing  
31st Avenue to Blackhawk Road**

Job Number <b>2592</b>		Date 2-24-09
Computer Drawing Name 2592 Standard Details	ROCK ISLAND ILLINOIS	By mdw
		Sheet 34
		Of 43

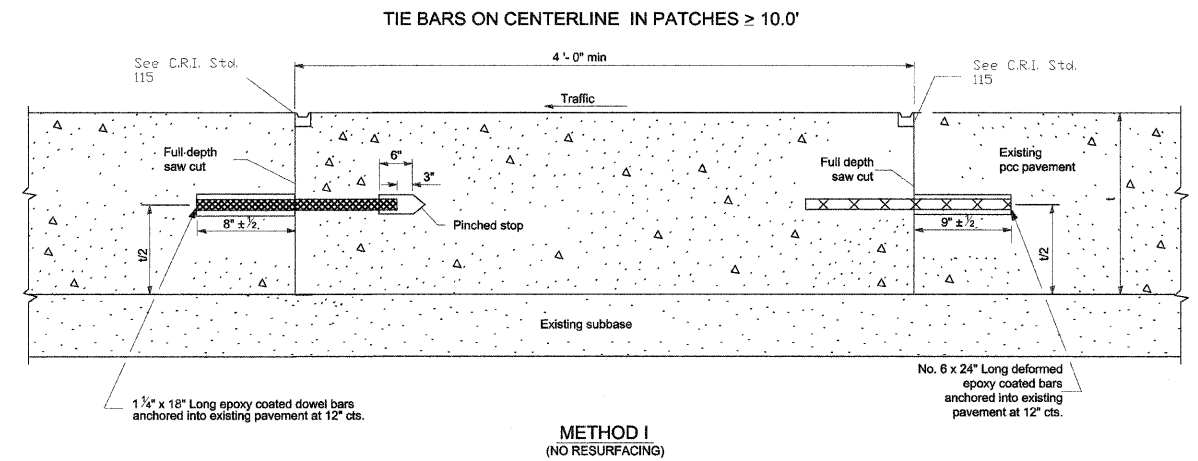


1. AFTER SAWING, BLOW WITH OIL- AND WATER- FREE COMPRESSED AIR TO ELIMINATE DEBRIS AND WATER
2. SEAL WITH APPROVED JOINT SEALER

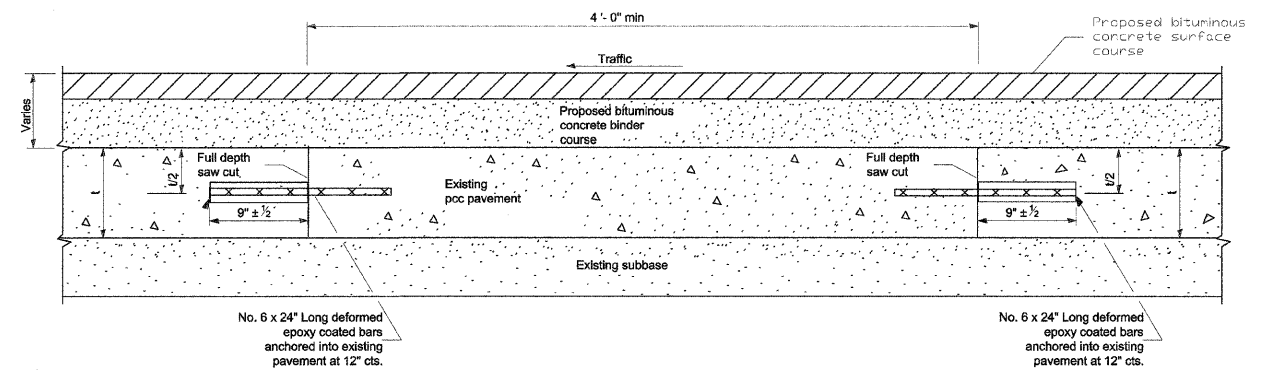
### DETAIL OF JOINT FILLER

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 115



**METHOD I**  
(NO RESURFACING)



**METHOD II**  
(WITH RESURFACING)

All dimensions are in inches unless otherwise shown.

### PATCH REINFORCEMENT STANDARD

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 116

85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

30th Street Resurfacing

31st Avenue to Blackhawk Road

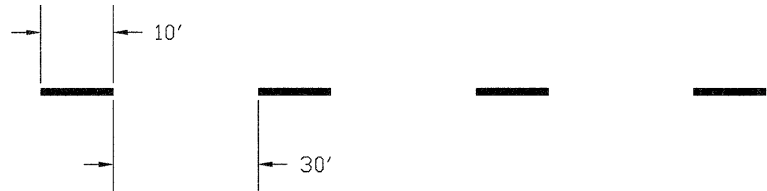
Job Number 2592 Date 2-24-09

Computer Drawing Name 2592 Standard Details By mdw

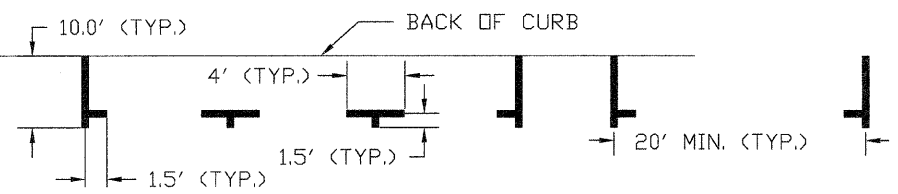
Sheet 35 Of 43



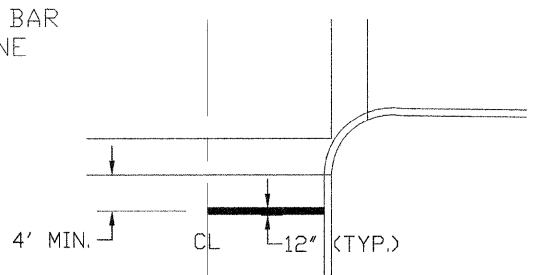
TYPICAL LANE MARKING  
4" WIDE LINE



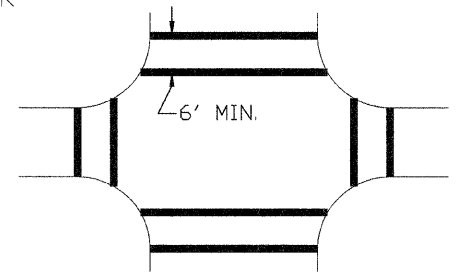
TYPICAL PARKING SPACE LIMIT MARKING  
4" WIDE LINE



TYPICAL STOP BAR  
12" WIDE LINE



TYPICAL CROSSWALK  
6" WIDE LINE



TYPICAL PAVEMENT MARKINGS

REVISED	GB	10/29/96
STANDARDIZED	CVE	06/28/91
REVISION	BY	DATE

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 117

PRECAST OR CONCRETE BRICK ADJUSTING RINGS SHALL BE MORTARED BETWEEN FRAME AND MH SECTION. A MIN. OF 4" AND A MAX. OF 16" ADJUSTMENT IS REQUIRED.

FRAME AND LID SHALL CONFORM TO NEENAH FOUNDRY CO. STANDARDS OR EQUIVALENT; NO. R-1713 WITH SELF-SEALING LID TOTAL WEIGHT = 540 LBS.

ALL PIPES ENTERING AND EXITING MH'S SHALL HAVE A JOINT WITHIN 6' TO 24' OF THE OUTER SURFACE OF MH. CONCRETE SHALL BE POURED TO, BUT NOT BEYOND, THE FIRST PIPE JOINT.

CLASS S1 CONCRETE

5 #4 BARS 4'-6" @ 12" CENTERS

CONSTRUCT DEPTH OF FILLET TO 1/2 PIPE DIAMETER

5 #4 BARS 4'-6" @ 12" CENTERS

ALL PIPE SHALL END FLUSH TO THE INSIDE WALL OF MANHOLE

ALTERNATE MATERIAL FOR WALLS	D	C	T
PRECAST SECTIONS	4'-0"	3'-2"	5'
	5'-0"	3'-2"	6'
POURED WALLS *	4'-0"	3'-2"	6'
	5'-0"	3'-2"	6'

\* CLASS S1 CONCRETE, VIBRATED, WITH FORMS RIDGED AND TRUE TO VERTICAL ALIGNMENT.

DIAMETER OF MAIN SEWER	D
21" AND UNDER	4'-0"
24" TO 36" INCLUSIVE	5'-0"

NOTES:

- NO PIPE SHALL ENTER MANHOLE HIGHER THAN 2' FROM FILLET, UNLESS AN OUTSIDE DROP M.H. IS CONSTRUCTED.
- ALL PRECAST MANHOLE JOINTS SHALL BE SEALED WITH AN O-RING RUBBER GASKET, MEETING ASTM C361.
- PIPE CONNECTIONS ON M.H. WORK ARE INCIDENTAL, IF WITHIN 2' OF STRUCTURE.
- PRECAST M.H. SECTIONS WITH A-LOCKS & PRECAST FILLETS SHALL NOT BE ALLOWED.
- STEPS SHALL NOT BE INSTALLED IN MANHOLE.
- USE TYPE B LID IN PAVED AREAS IN LIEU OF SELF SEALING LID.
- MATCH 0.8 POINTS ON PIPE ENTERING MANHOLE

STANDARD MANHOLE

CITY OF ROCK ISLAND ENGINEERING DIVISION	STANDARD NO. 201
---	------------------

REMOVE STEPS	W.L.C.	07/31/01
D-RING JOINT / 3'-2"	D.G.C.	02/5/93
STANDARD DWG	CVE	06/26/91
REVISION	BY	DATE

85A97  
09-00186-00-RS  
C.R.I. STANDARD DETAILS

**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
		Sheet	36
		Of	43

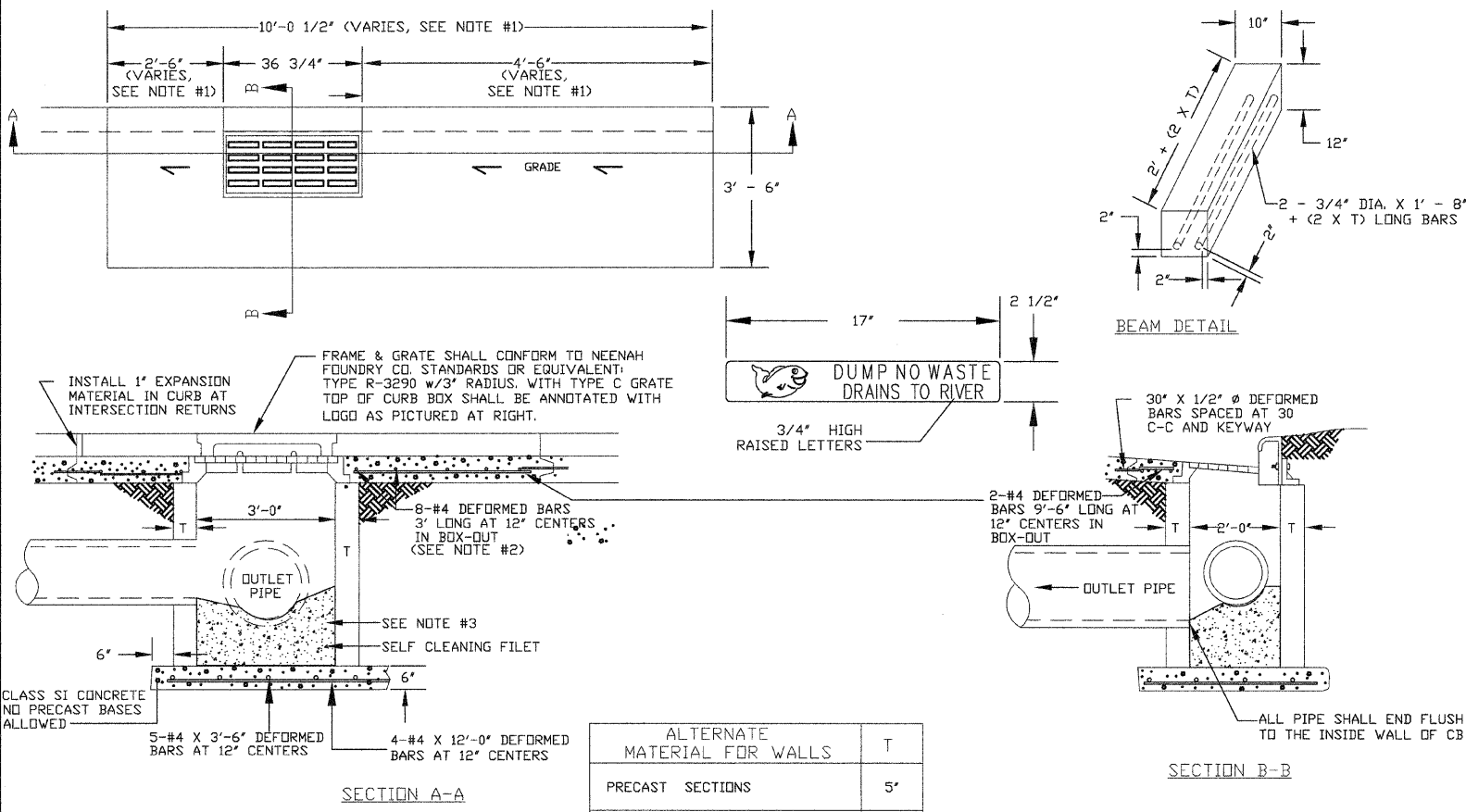


NOTE 1: MATCH EXISTING JOINTS AS IS PRACTICABLE. ON NEW PAVEMENT BEGIN JOINT PATTERN FROM EDGES OF BOX OUT.

NOTE 2: STEEL REBAR TO BE PLACED AS SHOWN WHETHER CATCH BASIN IS POURED INTEGRAL TO PAVEMENT OR IN A BOX OUT. MAINTAIN MINIMUM OF 2" CLEARANCE BETWEEN REBAR AND FACE OF CONCRETE.

NOTE 3: IN AREAS WITH COMBINATION SEWERS, A 12" SUMP WILL BE INSTALLED IN PLACE OF FILET.

NOTE 4: DEPRESS CASTING 1' GUTTER LINE GRADE



ALTERNATE MATERIAL FOR WALLS	T
PRECAST SECTIONS	5'
POURED WALLS *	6'

**SINGLE CATCH BASIN**

CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 204

NOT TO SCALE

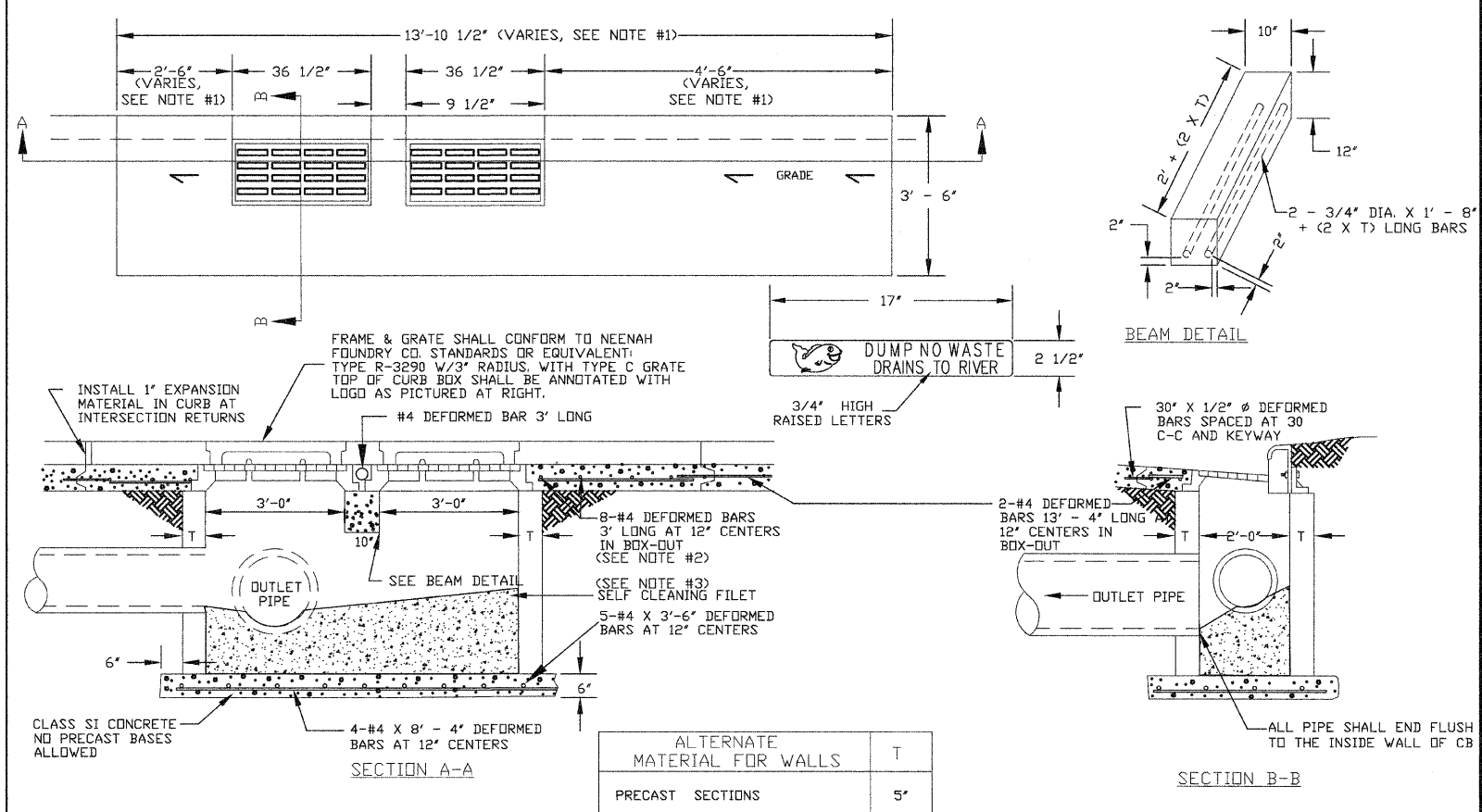
REVISED	WLC	03/30/06
REVISED	MJH	05/03/01
REVISED	TAB	11/08/99
STANDB06.DWG	PMCJ	6/1/95
REVISION	BY	DATE

\* CLASS SI CONCRETE, VIBRATED, WITH FORMS RIGID AND TRUE TO VERTICAL ALIGNMENT.

NOTE 1: MATCH EXISTING JOINTS AS IS PRACTICABLE. ON NEW PAVEMENT BEGIN JOINT PATTERN FROM EDGES OF BOX OUT.

NOTE 2: STEEL REBAR TO BE PLACED AS SHOWN WHETHER CATCH BASIN IS POURED INTEGRAL TO PAVEMENT OR IN A BOX OUT. MAINTAIN MINIMUM OF 2" CLEARANCE BETWEEN REBAR AND FACE OF CONCRETE.

NOTE 3: IN AREAS WITH COMBINATION SEWERS, A 12" SUMP WILL BE INSTALLED IN PLACE OF SELF CLEANING FILET.



ALTERNATE MATERIAL FOR WALLS	T
PRECAST SECTIONS	5'
POURED WALLS *	6'

NOT TO SCALE

REVISED	WLC	03/30/06
REVISED	TAB	11/08/99
STANDB06.DWG	PMCJ	6/1/95
REVISION	BY	DATE

\* CLASS SI CONCRETE, VIBRATED, WITH FORMS RIGID AND TRUE TO VERTICAL ALIGNMENT.

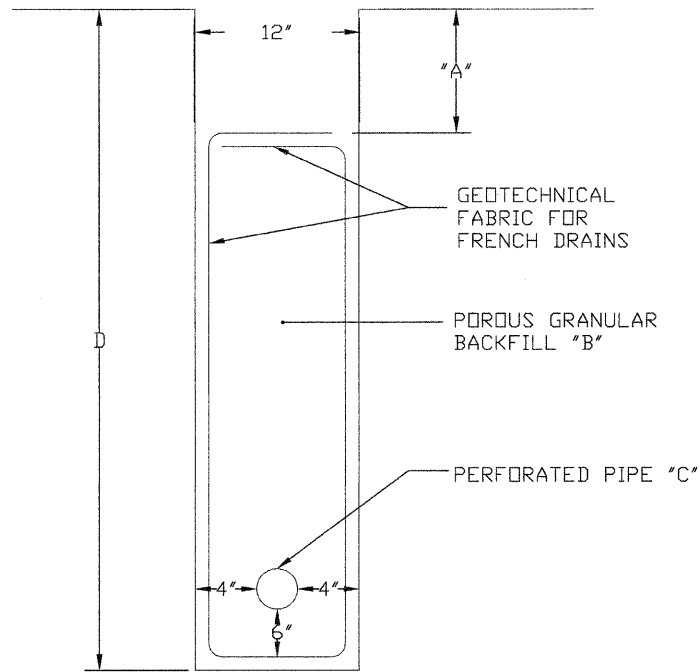
**DOUBLE CATCH BASIN**

CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 205

85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
**CITY OF ROCK ISLAND ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
Sheet	37	Of	43



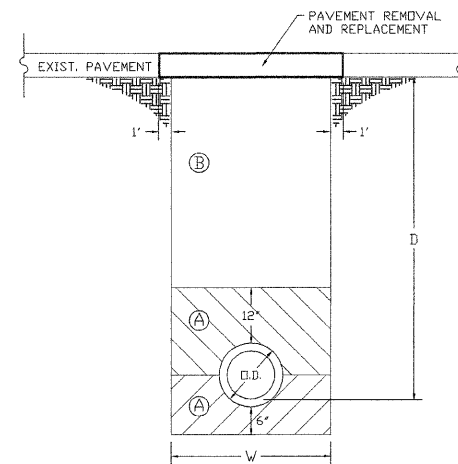
	A	B	C	D					
TOP SOIL									
GRANULAR SUB BASE									
FA-1 (sand)									
CA-13									
CA-7			X						
POLY (VINYL CHLORIDE) PIPE PVC									
CORRUGATED POLYETHYLENE TUBING (HEAVY DUTY) 4"				X					
TRENCH DEPTH					X				

NOTES:  
 NO OPEN JOINT PIPE WILL BE ALLOWED FOR PIPE UNDERDRAINS USED UNDER OR ALONG THE EDGE OF PAVEMENT OR SHOULDERS.  
 CONTRACTOR MAY SUBSTITUTE A STRONGER PIPE OF THE SAME KIND OF MATERIAL FOR THE PIPE DESIGNATED FOR THIS PROJECT. NO EXTRA COMPENSATION WILL BE ALLOWED.  
 REFERENCE: II. D.O.T. STRD. SPECS. SEC. 601

PIPE UNDERDRAIN

CITY OF ROCK ISLAND  
 ENGINEERING DIVISION  
 STANDARD NO. 211

TRENCH DETAIL FOR ALL EXCAVATIONS UNDER OR WITHIN TWO FEET OF A PROPOSED OR EXISTING PAVEMENT



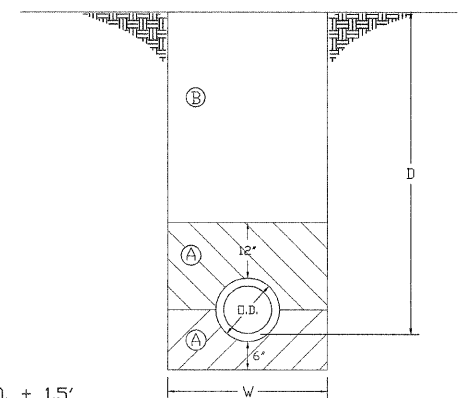
$D \leq 5'$ ,  $W = O.D. + 1.5'$   
 $D > 5'$ ,  $W = O.D. + 3.0'$

AREA (A) CA-6 AGGREGATE COMPACTED IN 8" LIFTS, ACCORDING TO ART. 550.07  
 AREA (B) TRENCH BACKFILL (PAY ITEM). COMPACTED BY METHOD 1, 2 OR 3 ART. 550.07.

BEDDING, BACKFILLING AND COMPACTING AREA A IS INCIDENTAL TO THE SEWER CONSTRUCTION.

STANDARDIZED	MDW	08/11/94
STANDARDIZED	CWE	06/28/91
REVISION	BY	DATE

TRENCH DETAIL FOR EXCAVATIONS OUTSIDE PAVED AREAS



$D < 5'$ ,  $W = O.D. + 1.5'$   
 $D > 5'$ ,  $W = O.D. + 3.0'$

AREA (A) CA-6 AGGREGATE COMPACTED IN 8" LIFTS, ACCORDING TO ART. 550.07  
 AREA (B) EXCAVATED MATERIAL COMPACTED BY METHOD 1, 2 OR 3 ART. 550.07.

BEDDING, BACKFILLING, AND COMPACTING AREAS A AND B IS INCIDENTAL TO THE SEWER CONSTRUCTION.

TRENCH DETAILS FOR STORM AND SANITARY SEWER INSTALLATION

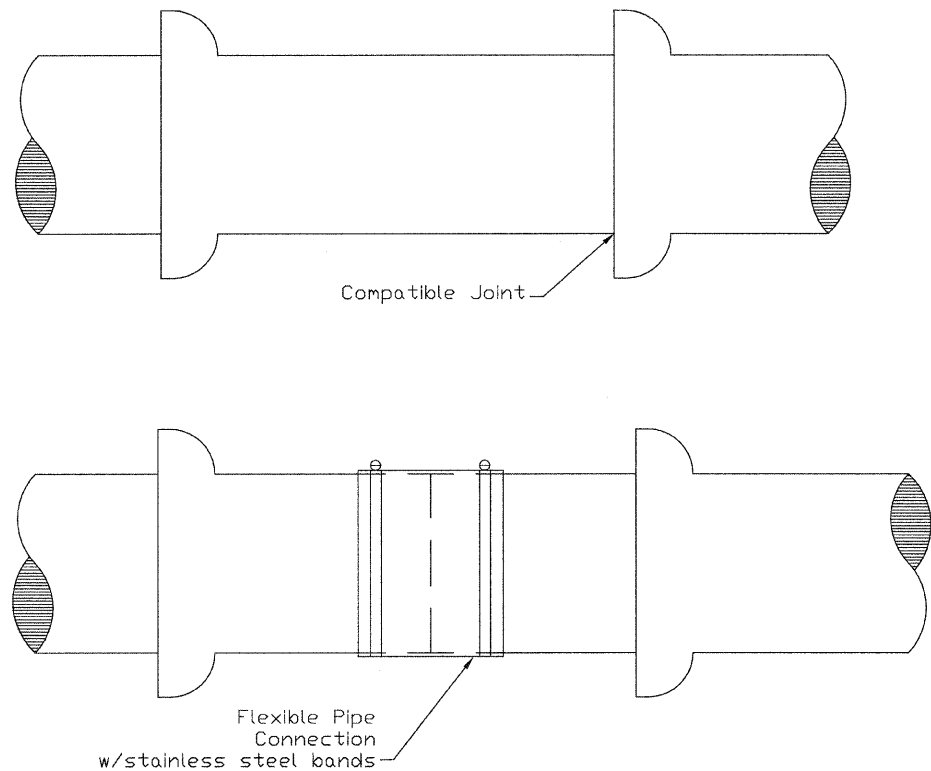
CITY OF ROCK ISLAND  
 ENGINEERING DIVISION  
 STANDARD NO. 212

NOT TO SCALE

REVISION	MDW	08/9/01
REVISION	VLC	07/18/01
STANDARDIZED	PMCJ	09/30/94
REVISION	BY	DATE

85497  
 09-00186-00-RS  
 C.R.I. STANDARD DETAILS  
**CITY OF ROCK ISLAND**  
 ENGINEERING DIVISION  
 30th Street Resurfacing  
 31st Avenue to Blackhawk Road

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		Of	43

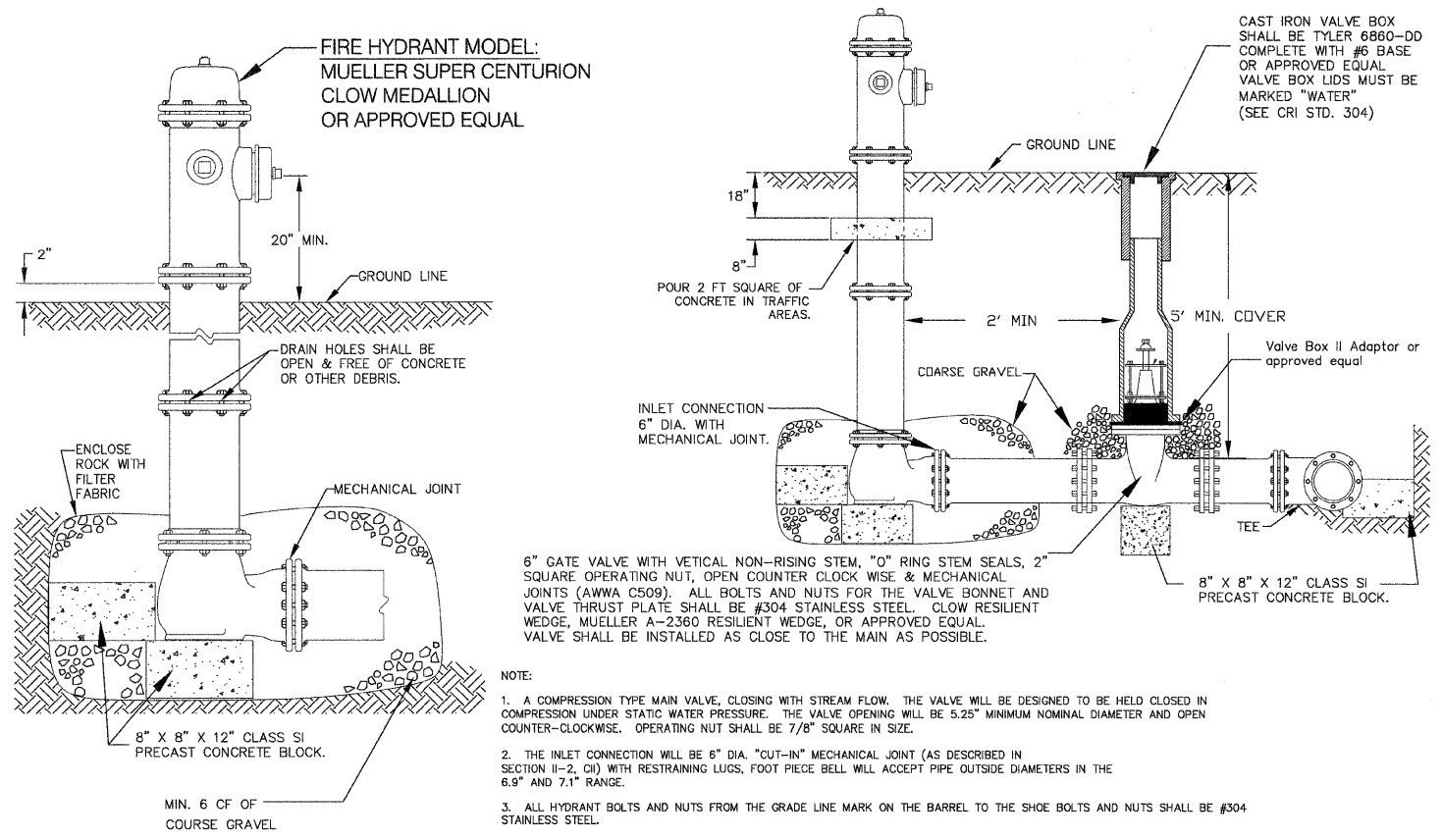


NOTES:

1. All connections to new or existing sanitary or storm sewer pipes shall be made using compatible joints. This requires the pipes to be of same material with the same joint configuration.
2. If joints or material are not compatible, a flexible pipe connector shall be used. This flexible connector shall be applied using stainless steel bands at each end. The connectors shall be Fernco or City approved equal.

STANDB17.DWG	WLC	12/15/93
REVISION	BY	DATE

SEWER PIPE CONNECTIONS  
 CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 217



6" GATE VALVE WITH VERTICAL NON-RISING STEM, "O" RING STEM SEALS, 2" SQUARE OPERATING NUT, OPEN COUNTER CLOCK WISE & MECHANICAL JOINTS (AWWA C509). ALL BOLTS AND NUTS FOR THE VALVE BONNET AND VALVE THRUST PLATE SHALL BE #304 STAINLESS STEEL. CLOW RESILIENT WEDGE, MUELLER A-2360 RESILIENT WEDGE, OR APPROVED EQUAL VALVE SHALL BE INSTALLED AS CLOSE TO THE MAIN AS POSSIBLE.

- NOTE:
1. A COMPRESSION TYPE MAIN VALVE, CLOSING WITH STREAM FLOW. THE VALVE WILL BE DESIGNED TO BE HELD CLOSED IN COMPRESSION UNDER STATIC WATER PRESSURE. THE VALVE OPENING WILL BE 5.25" MINIMUM NOMINAL DIAMETER AND OPEN COUNTER-CLOCKWISE. OPERATING NUT SHALL BE 7/8" SQUARE IN SIZE.
  2. THE INLET CONNECTION WILL BE 6" DIA. "CUT-IN" MECHANICAL JOINT (AS DESCRIBED IN SECTION II-2, C1) WITH RESTRAINING LUGS, FOOT PIECE BELL WILL ACCEPT PIPE OUTSIDE DIAMETERS IN THE 6.9" AND 7.1" RANGE.
  3. ALL HYDRANT BOLTS AND NUTS FROM THE GRADE LINE MARK ON THE BARREL TO THE SHOE BOLTS AND NUTS SHALL BE #304 STAINLESS STEEL.
  4. DELIVERY CLASSIFICATION - ONE PUMPER AND TWO HOSE NOZZLES. THESE NOZZLES SHALL BE 4.5" & 2.5" NOMINAL INSIDE DIA. RESPECTIVELY. THREADS SHALL BE OF NATIONAL STANDARD FIRE HOSE COUPLING SCREW DESIGN.
  5. THE HYDRANTS WILL BE OF "TRAFFIC BREAKAWAY DESIGN," WITH GROUND LINE FLANGE AND SAFETY STEM OPERATOR COUPLING. GRADE LINE SHALL BE POSITIVELY MARKED ON THE LOWER BARREL. THE CENTER LINE OF ALL PORTS SHALL BE A MINIMUM OF 18" ABOVE ESTABLISHED GRADE LINES.
  6. HYDRANTS WILL BE PROVIDED WITH BRONZE-LINED OUTLETS TO ALLOW CORROSION RESISTANT DRAINAGE OF THE BARREL SECTIONS. SEAT AND DRAIN RINGS WILL BE OF BRONZE COMPOSITION AS PROVIDED IN THE STANDARD RECOMMENDATIONS.
  7. NOZZLE CAPS WILL OPEN COUNTER-CLOCKWISE, HAVE NATIONAL STANDARD TREADS, AND BE PROVIDED WITH A SECURITY CHAIN. OPERATING NUT SHALL BE 7/8" SQUARE IN SIZE.
  8. POSITIVE O-RINGS SEALS WILL BE PROVIDED TO PROTECT STEM AND OPERATING NUT THREADS, AND ALL BEARING SURFACES FROM THE ATMOSPHERE AND THE WATERWAY. THE TOP WILL HAVE AN OIL RESERVOIR OR GREASE CHAMBER TO INSURE AUTOMATIC LUBRICATION OF THE STEM THREADS DURING OPERATION.
  9. PRIMARY COATING AND PAINTING MUST COMPLY WITH THE STANDARD RECOMMENDATIONS, AND A SAFETY FINISH COAT WILL BE APPLIED ABOVE THE GRADE LINE. FINISH COAT MUST BE SAFETY YELLOW IN COLOR.

NOT TO SCALE

REVISED	MDW	07/15/05
REVISED	WLC	04/12/05
REVISED	CAM	04/03/02
REVISED	PJK	03/25/02
REVISED	MDW	01/06/00
REV. HYD. MODEL STD.	PMCJ	06/25/99
METRIC	PMCJ	01/27/97
REVISED	MDW	08/22/94
STAND301.DWG	MDM	03/91
REVISION	BY	DATE

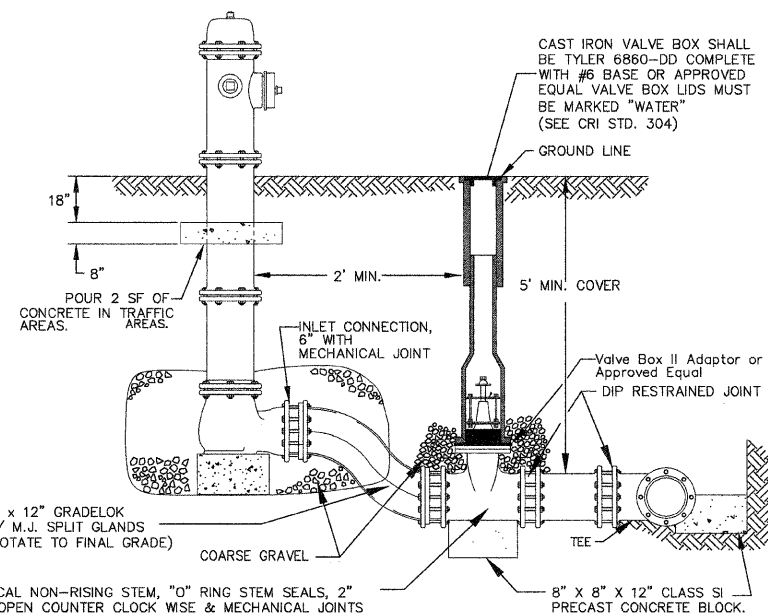
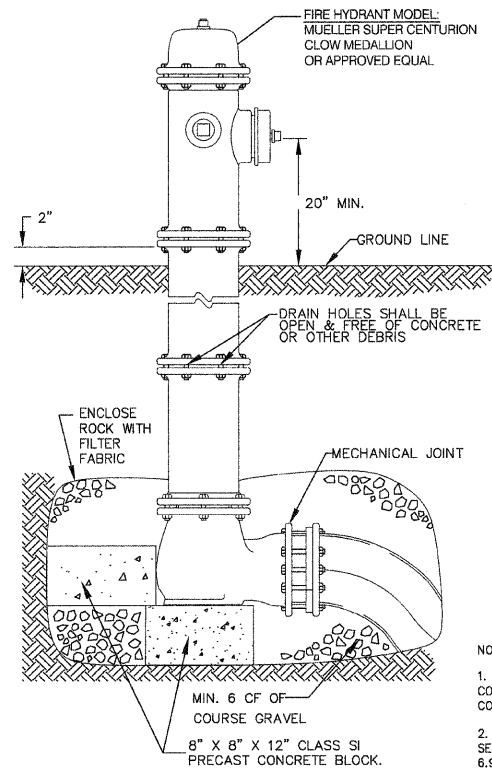
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FIRE HYDRANT DETAIL  
 CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 301

85497  
 09-00186-00-RS  
 C.R.I. STANDARD DETAILS  
**CITY OF ROCK ISLAND ENGINEERING DIVISION**  
 30th Street Resurfacing  
 31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
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ROCK ISLAND ILLINOIS



6" GATE VALVE WITH VERTICAL NON-RISING STEM, "O" RING STEM SEALS, 2" SQUARE OPERATING NUT, OPEN COUNTER CLOCK WISE & MECHANICAL JOINTS (AWWA C509). ALL BOLTS AND NUTS FOR THE VALVE BONNET AND VALVE THRUST PLATE SHALL BE #304 STAINLESS STEEL. CLOW RESILIENT WEDGE, MUELLER A-2360 RESILIENT WEDGE, OR APPROVED EQUAL. VALVE SHALL BE INSTALLED AS CLOSE TO THE MAIN AS POSSIBLE.

NOTE:

1. A COMPRESSION TYPE MAIN VALVE, CLOSING WITH STREAM FLOW. THE VALVE WILL BE DESIGNED TO BE HELD CLOSED IN COMPRESSION UNDER STATIC WATER PRESSURE. THE VALVE OPENING WILL BE 5.25" MINIMUM NOMINAL DIAMETER AND OPEN COUNTER-CLOCKWISE. OPERATING NUT SHALL BE 7/8" SQUARE IN SIZE.
2. THE INLET CONNECTION WILL BE 6" DIA. "OUT-IN" MECHANICAL JOINT (AS DESCRIBED IN SECTION II-2, CI) WITH RESTRAINING LUGS, FOOT PIECE BELL WILL ACCEPT PIPE OUTSIDE DIAMETERS IN THE 6.9" AND 7.1" RANGE.
3. ALL HYDRANT BOLTS AND NUTS FROM THE GRADE LINE MARK ON THE BARREL TO THE SHOE BOLTS AND NUTS SHALL BE #304 STAINLESS STEEL.
4. DELIVERY CLASSIFICATION - ONE PUMPER AND TWO HOSE NOZZLES. THESE NOZZLES SHALL BE 4.5" & 2.5" NOMINAL INSIDE DIA. RESPECTIVELY. THREADS SHALL BE OF NATIONAL STANDARD FIRE HOSE COUPLING SCREW DESIGN.
5. THE HYDRANTS WILL BE OF "TRAFFIC BREAKAWAY DESIGN," WITH GROUND LINE FLANGE AND SAFETY STEM OPERATOR COUPLING. GRADE LINE SHALL BE POSITIVELY MARKED ON THE LOWER BARREL. THE CENTER LINE OF ALL PORTS SHALL BE A MINIMUM OF 18" ABOVE ESTABLISHED GRADE LINES.
6. HYDRANTS WILL BE PROVIDED WITH BRONZE-LINED OUTLETS TO ALLOW CORROSION RESISTANT DRAINAGE OF THE BARREL SECTIONS. SEAT AND DRAIN RINGS WILL BE OF BRONZE COMPOSITION AS PROVIDED IN THE STANDARD RECOMMENDATIONS.
7. NOZZLE CAPS WILL OPEN COUNTER-CLOCKWISE, HAVE NATIONAL STANDARD TREADS, AND BE PROVIDED WITH A SECURITY CHAIN. OPERATING NUT SHALL BE 7/8" SQUARE IN SIZE.
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9. PRIMARY COATING AND PAINTING MUST COMPLY WITH THE STANDARD RECOMMENDATIONS, AND A SAFETY FINISH COAT WILL BE APPLIED ABOVE THE GRADE LINE. FINISH COAT MUST BE SAFETY YELLOW IN COLOR.

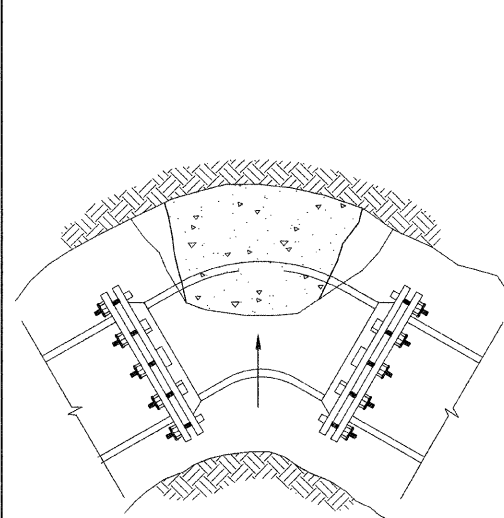
NOT TO SCALE

FIRE HYDRANT WITH GRADELOK OFFSET DETAIL

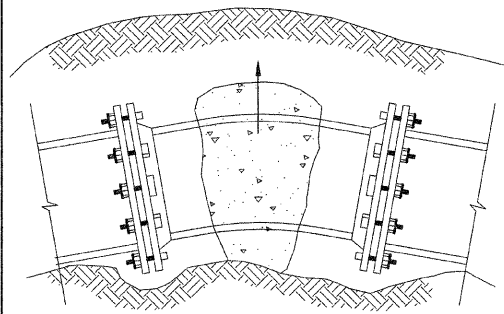
CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 301A

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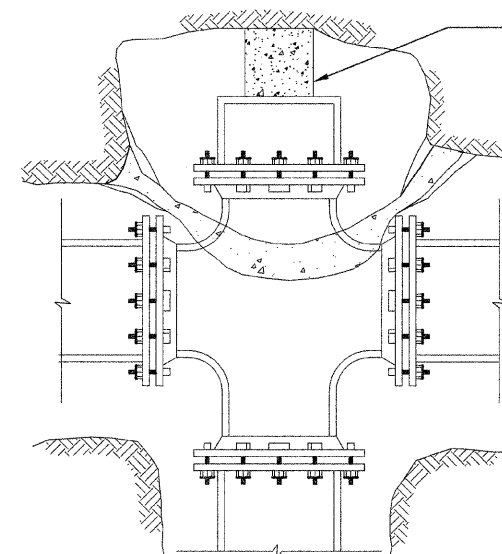


90° ELBOW

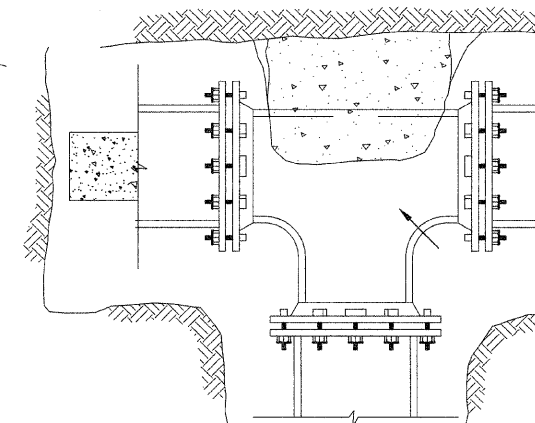


VERTICAL BEND

NOT TO SCALE



PLUGGED CROSS



PLUGGED TEE

BRACE PLUG AGAINST UNDISTURBED EARTH WITH SOLID CONCRETE BLOCK OR POURED CONCRETE. (TYPICAL)

TEE

NOTES:

1. ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH.
2. ARROWS INDICATE DIRECTION OF THRUST.
3. ALL THRUST BLOCKS TO BE 3000 PSI CONCRETE.
4. ALL FITTING SHOWN IN PLAN EXCEPT VERTICAL BEND.
5. FRESH CONCRETE SHALL NOT TOUCH FLANGE OR FLANGE BOLTS.

TYPICAL THRUST BLOCK INSTALLATIONS

CITY OF ROCK ISLAND  
ENGINEERING DIVISION

STANDARD NO. 302

85A97  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
CITY OF ROCK ISLAND  
ENGINEERING DIVISION

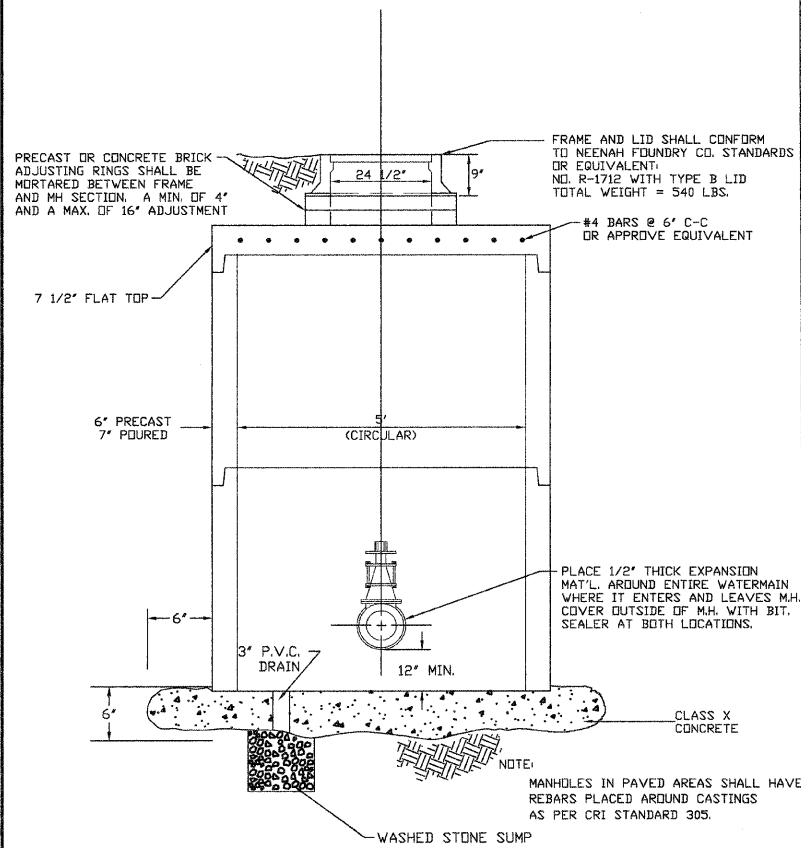
30th Street Resurfacing  
31st Avenue to Blackhawk Road

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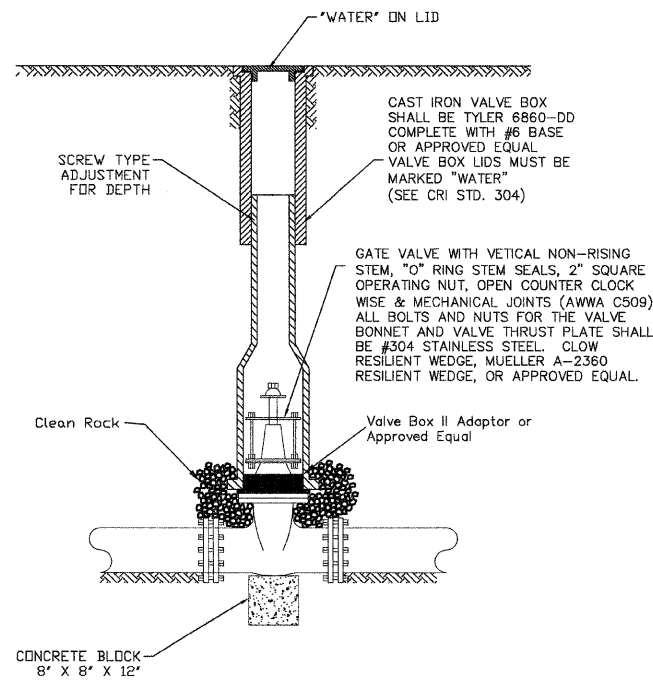
ROCK ISLAND  
ILLINOIS

VALVE VAULT



REVISED	WLC	04/12/05
REVISED	CAM	04/03/02
REVISED	PJK	03/25/02
REVISED	TAB	03/14/00
STAND304.DWG	MDV	03/12/93

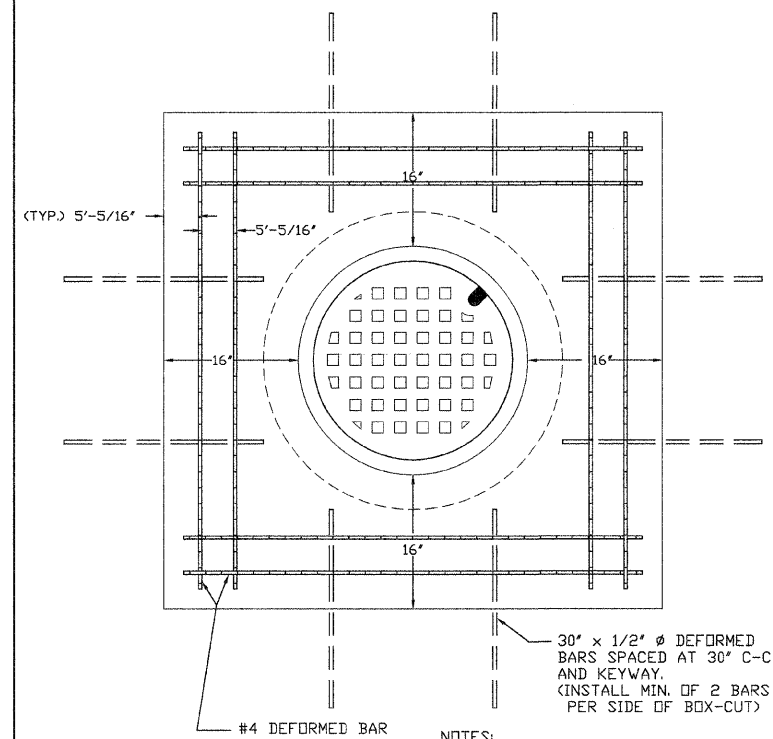
VALVE BOX



STANDARD VALVE VAULT & STANDARD VALVE BOX

CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 304

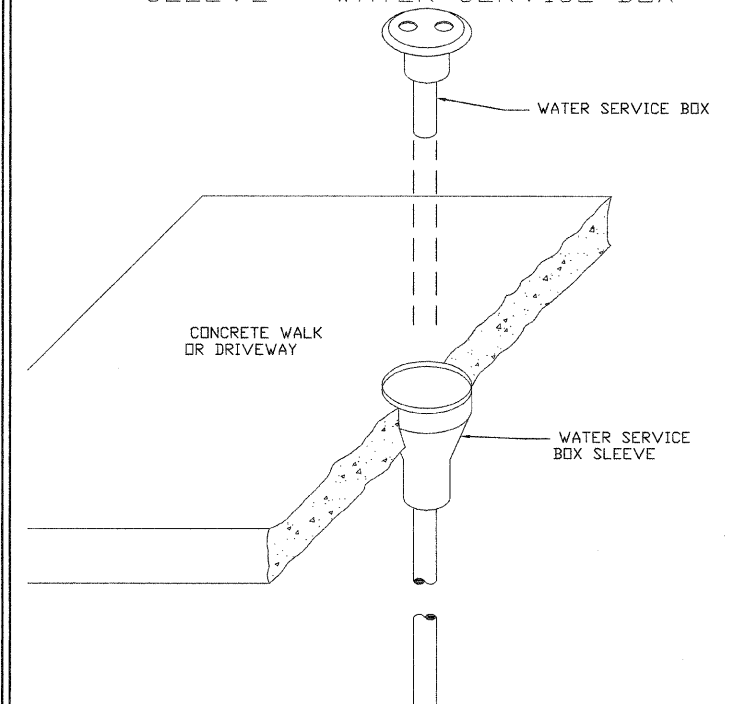
MANHOLE BOX-OUT



- NOTES:
- #1 REBARS TO BE PLACED WHETHER BOX-OUT IS USED OR NOT.
  - #2 MINIMUM OF 2\" CLEARANCE BETWEEN BOX-OUT AND END OF REBARS.

REVISED	TAB	03/14/2000
STAND305.DWG	CWE	06/24/91
REVISION	BY	DATE

SLEEVE - WATER SERVICE BOX



MANHOLE BOX-OUT & WATER SERVICE BOX SLEEVE

CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 305

85A97  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
CITY OF ROCK ISLAND ENGINEERING DIVISION

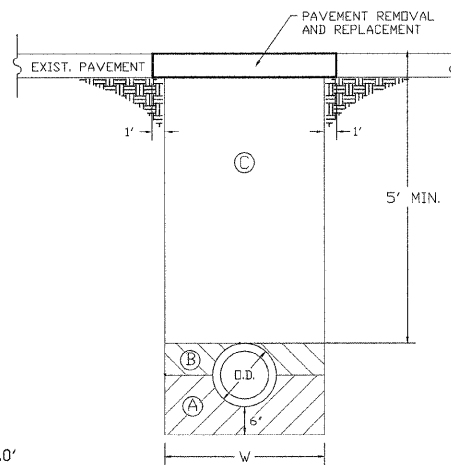
30th Street Resurfacing  
31st Avenue to Blackhawk Road

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		Of	43



ROCK ISLAND ILLINOIS

TRENCH DETAIL FOR ALL EXCAVATIONS  
UNDER OR WITHIN TWO FEET OF A  
PROPOSED OR EXISTING PAVEMENT

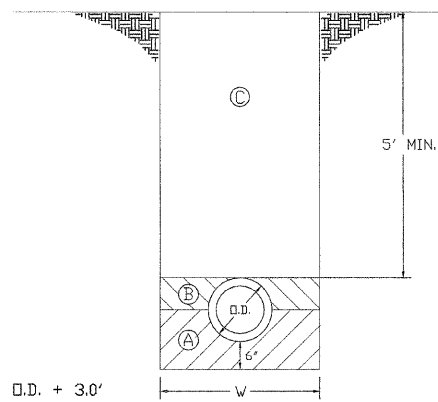


$W = O.D. + 3.0'$

- AREA (A) FA-1 OR FA-2 BEDDING COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (B) TRENCH BACKFILL (PAY ITEM) COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (C) TRENCH BACKFILL (PAY ITEM). COMPACTED BY METHOD 1, 2, OR 3 ART. 550.07.

BEDDING, BACKFILLING AND COMPACTING AREA A ARE INCIDENTAL TO THE WATERMAIN CONSTRUCTION.

TRENCH DETAIL FOR EXCAVATIONS  
OUTSIDE PAVED AREAS



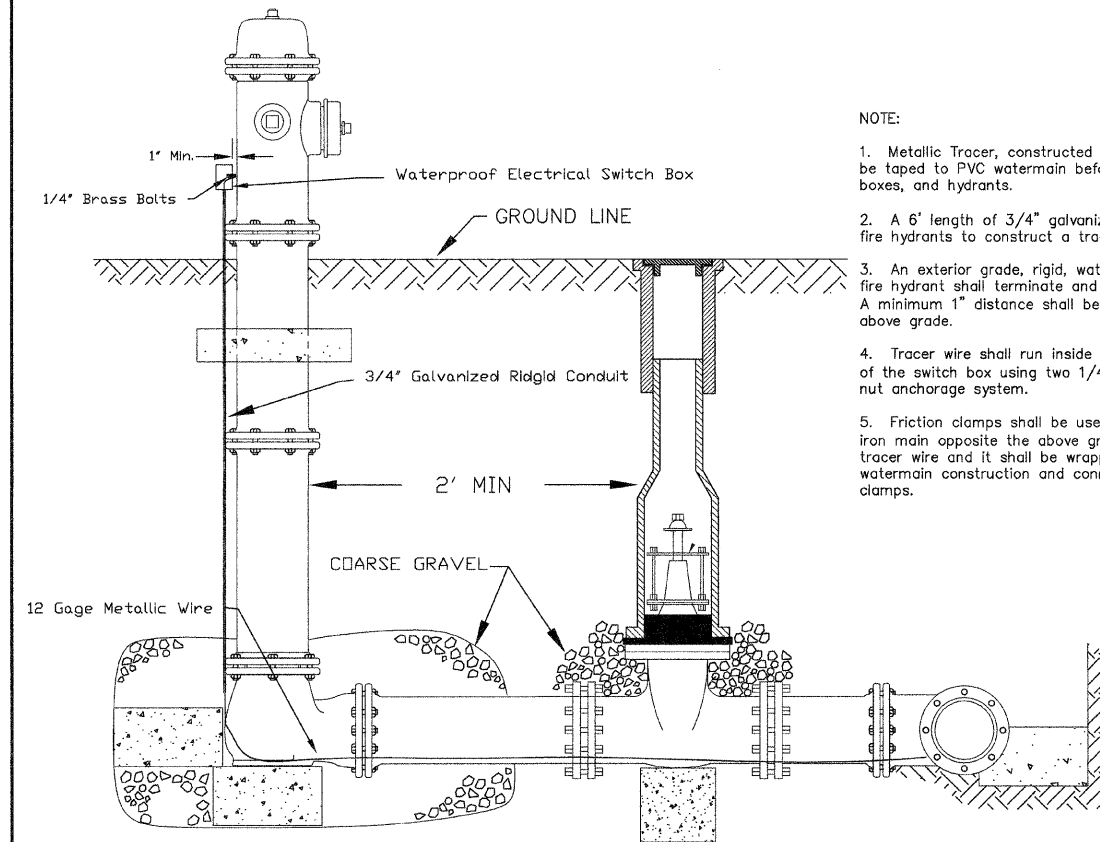
$W = O.D. + 3.0'$

- AREA (A) FA-1 OR FA-2 BEDDING COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (B) SELECT MATERIAL - NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, FOREIGN MATERIALS, AND FROZEN EARTH. COMPACTED IN 8" LIFTS ACCORDING TO ART. 550.07
- AREA (C) EXCAVATED MATERIAL FREE OF ROCKS LARGER THAN 8" IN GREATEST DIMENSION COMPACTED BY METHOD 1, 2, OR 3 ART. 550.07

BEDDING, BACKFILLING AND COMPACTING AREAS A, B, AND C ARE INCIDENTAL TO THE WATERMAIN CONSTRUCTION.

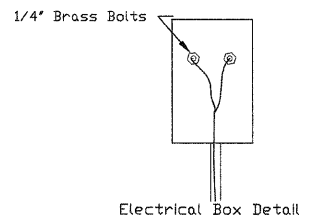
TRENCH DETAILS FOR  
WATERMAIN INSTALLATION

CITY OF ROCK ISLAND  
ENGINEERING DIVISION STANDARD NO. 306



NOTE:

1. Metallic Tracer, constructed of USE 12 gage metallic wire with blue insulation shall be taped to PVC watermain before placement. The tracer shall be connected to all valve boxes, and hydrants.
2. A 6' length of 3/4" galvanized rigid conduit shall be secured to all proposed fire hydrants to construct a tracer wire housing.
3. An exterior grade, rigid, waterproof electrical switch box of same color as the fire hydrant shall terminate and be secured to the conduit below the hydrant nozzle. A minimum 1" distance shall be maintained between the fire hydrant and switch box above grade.
4. Tracer wire shall run inside conduit and shall be connected to the side wall of the switch box using two 1/4" brass bolts secured to the switch box using triple nut anchorage system.
5. Friction clamps shall be used at both terminating ends of the tracer wire at the ductile iron main opposite the above grade switch box. Insulation shall be removed from 12" of the tracer wire and it shall be wrapped around the watermain at the terminating point for watermain construction and connected directly to the watermain using the friction clamps.



Electrical Box Detail

NOT TO SCALE

STAND306.DWG	CAM	04/03/02
REVISION	BY	DATE

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Watermain Tracer Wire Detail

CITY OF ROCK ISLAND  
ENGINEERING DIVISION STANDARD NO. 308

85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
CITY OF ROCK ISLAND  
ENGINEERING DIVISION

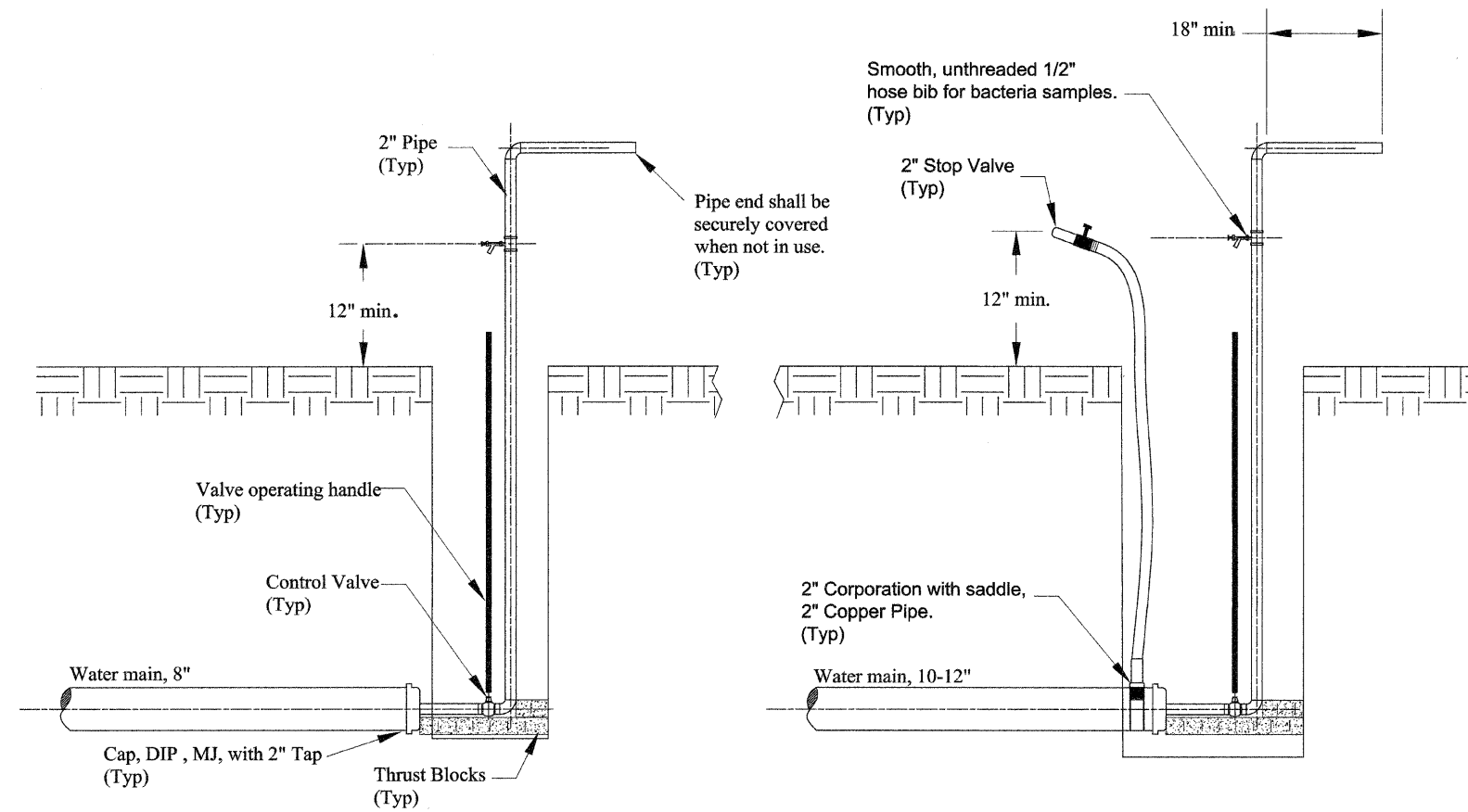
30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
Computer Drawing Name	2592 Standard Details	By	mdw
		Sheet	42
		Of	43



ROCK ISLAND  
ILLINOIS

NOTE: Water mains 8" or less shall have a minimum of one 2" pipe at downstream end for adequate flow for flushing. Water mains that are greater than 8" shall have two 2" pipes to provide for adequate flow for flushing. All material and labor required to provide for adequate flushing of new water main shall be incidental to the cost of the water main. Excavation sites shall be backfilled during testing period.



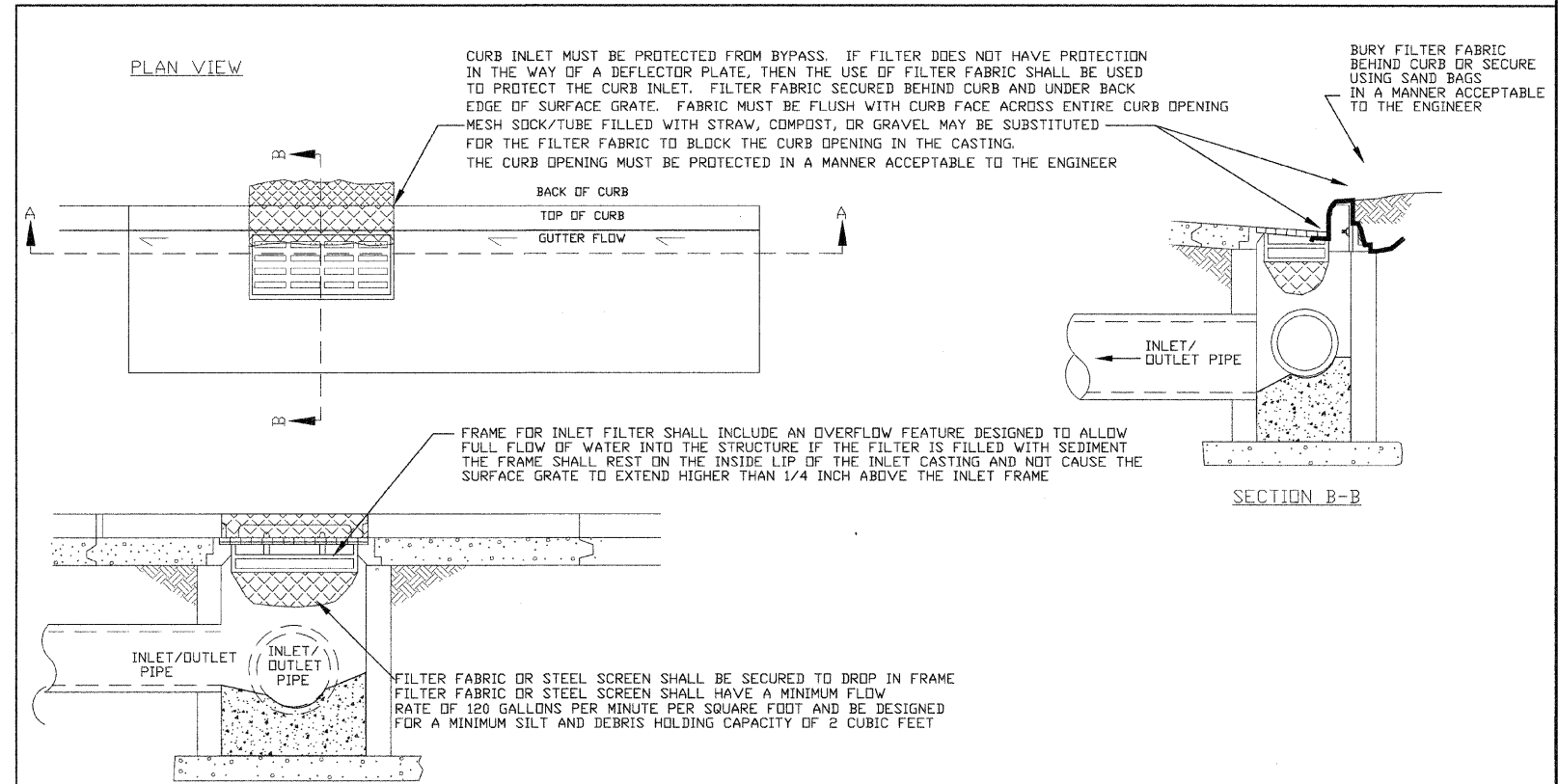
Watermain Blowoff and Sample Tap

NOT TO SCALE

STAND.309.DWG	WLC	02/03/06
REVISION	BY	DATE

S:\... \MISC\STANDARD\CRI\_STD\309.DWG

CITY OF ROCK ISLAND ENGINEERING DIVISION	STANDARD NO. 309
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Inlet filter unit shall be as manufactured by **Inlet & Pipe Protection, Inc.**, at 1635 Tonne Road Elk Grove Village, IL (847)722-0690// [www.inletfilters.com](http://www.inletfilters.com), or that sold/rented by **Soil-Tek**, at P.O. Box 277 LeClaire, IA (563)528-5925// [www.soil-tek.com](http://www.soil-tek.com), or approved equal.

INLET FILTER FOR INLET AND PIPE PROTECTION

NEW	RAH	3/29/07	NOT TO SCALE
REVISION	BY	DATE	

CITY OF ROCK ISLAND ENGINEERING DIVISION	STANDARD NO. 402
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85497  
09-00186-00-RS  
C.R.I. STANDARD DETAILS  
**CITY OF ROCK ISLAND  
ENGINEERING DIVISION**

30th Street Resurfacing  
31st Avenue to Blackhawk Road

Job Number	2592	Date	2-24-09
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