Village of Forest Park, Illinois
517 Des Plaines Avenue
Forest Park, Illinois 60130
Phone: 708-366-2323 / Fax: 708-488-0361
Web: www.forestpark.net

Regular Village Council Meeting Agenda

Monday, August 8, 2022 – 7:00 p.m.

Meeting will be conducted In-Person and Via Zoom

You may listen to the meeting by participating in a Zoom conference call as follows:
Dial-In Number: 312-626-6799; Meeting ID 82268361599; Passcode 837153 or by clicking here:
https://us02web.zoom.us/j/82268361599?pwd=d0JQcUd0eTRaL2RLZlBoczMyUGcrdz09

Public Comments are required to be submitted to the Village Clerk in advance of the meeting:
In-Person Comments: Complete and submit Speaker Sign-In Form to Village Clerk prior to 7:00 p.m.
E-mail Comments: E-mail required to be sent to Village Clerk (vmoritz@forestpark.net) prior to 6:30 p.m.

1. PLEDGE OF ALLEGIANCE
2. ROLL CALL
3. APPROVAL OF MINUTES
    a. July 25, 2022 - Village Council Meeting
    b. July 25, 2022 – 2022/2023 Appropriation Ordinance Public Hearing
4. PUBLIC COMMENT
5. COMMUNICATIONS
6. DEPARTMENT REPORTS
7. BILLS BY RESOLUTION
    a. Resolution Approving Payment of Bills Dated August 8, 2022
8. UNFINISHED BUSINESS
9. NEW BUSINESS
    a. Ordinance Amending Sections 3-3-5-M and 3-3-12 of the Village of Forest Park Liquor Code Pertaining to Patio (Beer Garden) Licenses and Entertainment Licenses
    b. Resolution Approving the Specifications and Authorizing the Advertising of Bids for the Village of Forest Park 2022 Alley Improvements Project
    c. Resolution Approving and Ratifying the Execution of Change Order Number 2 to the Contract with Tecorp, Inc. for the Rehabilitation of the North Water Tank Project
    d. Approval of Entertainment License requests by Exit Strategy Brewing Company (7700 Madison)
    e. Approval of Entertainment License request by American Legion (500 Circle)
    f. Approval of Entertainment License request by Lathrop House (26 Lathrop)
    g. Approval of request by Forest Park Public Library regarding use of Veterans Park for “Storytime in the Park” events during months of September thru November
    h. Approval of banner request by Forest Park School District 91
10. ADMINISTRATOR’S REPORT
11. COMMISSIONER REPORTS
12. ADJOURNMENT

THE REGULAR MEETING OF THE COUNCIL OF THE
VILLAGE OF FOREST PARK, COOK COUNTY, ILLINOIS
HELD ON MONDAY EVENING, JULY 25, 2022

Mayor Hoskins led all assembled in the Pledge of Allegiance at 7:00 p.m.

ROLL CALL

Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins answered the Roll Call. Commissioner Nero was absent.

APPROVAL OF THE MINUTES OF PREVIOUS MEETINGS

It was moved by Commissioner Byrnes and seconded by Commissioner Maxham that the minutes from the July 11, 2022, Regular Meeting of the Council be approved without reading as each member has received a copy thereof.

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Maxham and seconded by Commissioner Byrnes that the minutes from the July 11, 2022, Closed Session Meeting of the Council be approved without reading as each member has received a copy thereof.

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

PUBLIC COMMENT

Mr. Thomas Kovac emailed comments opposing the reappointment of Tim Gillian to the Board of Fire and Police Commissioners.

COMMUNICATIONS:

None

DEPARTMENT REPORTS:

The Police Department submitted its May, 2022 Report.

APPROVAL OF BILLS:

It was moved by Commissioner Byrnes and seconded by Commissioner Maxham that the Resolution for the payment of bills be adopted. The bills totaled $919,615.09.

R-62-22
RESOLUTION APPROVING BILLS IN THE AMOUNT OF $919,615.09
APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

UNFINISHED BUSINESS:

None

NEW BUSINESS:

It was moved by Commissioner Byrnes and seconded by Commissioner Maxham that the Appropriation Ordinance of the Village of Forest Park, Cook County, Illinois for the Fiscal Year beginning May 1, 2022, and ending April 30, 2023, be adopted.

O-30-22
ANNUAL APPROPRIATION ORDINANCE
APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Byrnes that the Ordinance waiving bid and authorizing the acceptance of a proposal for installation of alarm equipment and monitoring services by and between Illinois Alarm Service, Inc. and the Village of Forest Park be adopted.

O-31-22
ORDINANCE ACCEPTING ILLINOIS ALARM SERVICE AGREEMENT
APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

Mayor Hoskins advised that item 9c is not being addressed at tonight's meeting and will be considered at a future meeting.

ITEM 9c WITHDRAWN

It was moved by Commissioner Byrnes and seconded by Commissioner Maxham to re-appoint Mr. Timothy Gillian to the Forest Park Board of Fire and Police Commissioners.

TIMOTHY GILLIAN REAPPOINTED TO BOARD OF FIRE AND POLICE COMMISSIONERS BY MOTION

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Byrnes and seconded by Commissioner Maxham that the Resolution confirming the appointment of the members to the Forest Park Fire and Police Commission be adopted.

R-63-22
RESOLUTION CONFIRMING TERMS OF MEMBERS OF BOARD OF FIRE AND POLICE COMMISSIONERS APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham that the Resolution of the Village of Forest Park, Cook County, Illinois authorizing the submission of an application for USAR Real Property Exchange for the United States Armed Forces Reserve Center located in Forest Park, Illinois be adopted.

RESOLUTION AUTHORIZING PROPERTY EXCHANGE FOR US ARMY RESERVE CENTER FAILS

ROLL CALL:
AYES: Commissioner Voogd and Mayor Hoskins
NAYES: Commissioners Byrnes and Maxham
ABSENT: Commissioner Nero
The motion failed.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham that the Resolution to approve and authorize the execution of a Professional Engineering Services Proposal for Phase II Design Engineering Services by and between Christopher B. Burke Engineering, Ltd. and the Village of Forest Park for the Wilcox Street Watermain and Resurfacing Project be adopted.

R-64-22
RESOLUTION APPROVING ENGINEERING SERVICES FOR WILCOX WATERMAIN PROJECT
APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham that the Resolution approving the specifications and authorizing the advertising of bids for the Village of Forest Park 2022 Sidewalk Improvement Project be adopted.

R-65-22
RESOLUTION APPROVING BIDDING FOR 2022 SIDEWALK IMPROVEMENT PROJECT
APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham that the Resolution approving the specifications and authorizing the advertising of bids for the Village of Forest Park Van Buren Street Multi-Use Path Improvements Project be adopted.

R-66-22
RESOLUTION APPROVING BIDDING FOR VAN BUREN MULTI-USE PATH
APPROVED

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Maxham and seconded by Commissioner Byrnes to approve the entertainment license application submitted by Exit Strategy Brewing Company, 7700 Madison. Both the motion and the second were withdrawn.

MOTION TO APPROVE ENTERTAINMENT LICENSE FOR EXIT STRATEGY BREWING
WITHDRAWN

It was moved by Commissioner Voogd and seconded by Commissioner Maxham to approve the request from Forest Park Public Library regarding the use of the Grove for a Kids Concert Event on October 1, 2022.

LIBRARY REQUEST TO HOLD CHILDREN'S CONCERT EVENT AT PICNIC GROVE APPROVED BY MOTION

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Byrnes and seconded by Commissioner Maxham to approve the request from the Knights of Columbus to conduct their annual Tootsie Roll Fundraising Drive on September 16 and September 17, 2022.

KNIGHTS OF COLUMBUS FUNDRAISING REQUEST APPROVED BY MOTION

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham to approve the banner request submitted by the Forest Park Chamber of Commerce & Development to promote their upcoming Casket Races to be held on Saturday, October 22, 2022.

CHAMBER OF COMMERCE BANNER REQUEST APPROVED BY MOTION

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham to approve the banner request submitted by Sarah's Inn to help raise awareness for Domestic Violence Action Month.

SARAH'S INN BANNER REQUEST APPROVED BY MOTION

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

It was moved by Commissioner Voogd and seconded by Commissioner Maxham to approve the banner request submitted by the Forest Park Theatre to promote their upcoming performance being held in the Grove on August 5, 6, 7, 12, 13, and 14, 2022.

FOREST PARK THEATRE BANNER REQUEST APPROVED BY MOTION

ROLL CALL:
AYES: Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins
NAYES: None
ABSENT: Commissioner Nero
The motion carried.

ADMINISTRATOR'S REPORT:

None

COMMISSIONER'S REPORTS:

Commissioner Byrnes reported that the Annual No Gloves National Softball Tournament is being held at the Park District this Thursday through Sunday.

Commissioner Maxham reported that the Forest Park Arts Alliance is holding another Stoop Session at 7:00 tomorrow at 1529 Elgin.

Commissioner Voogd congratulated Community Center Director, Karen Dylewski, on a great Groovin' in the Grove last Tuesday. The commissioner also attended the street naming ceremony honoring community volunteer Isaac Beal at Marengo and Lexington. The Public Works Department will be completing their annual parking lot clean up and will post signs at the lots indicating which day the work will be done. Last, Commissioner Voogd encouraged residents to check out the online tree inventory, which allows the public to look up the trees by address.

ADJOURNMENT

There being no further business to be addressed, Commissioner Byrnes moved and Commissioner Maxham seconded to adjourn. The motion carried.

Mayor Hoskins declared the meeting adjourned at 7:51 P.M.

Respectfully submitted,

Vanessa Moritz
Village Clerk

JULY 25, 2022
PUBLIC HEARING
THE ANNUAL APPROPRIATION ORDINANCE OF THE VILLAGE OF FOREST PARK FOR THE FISCAL YEAR BEGINNING MAY 1, 2022 AND ENDING APRIL 30, 2023

The Village Council of the Village of Forest Park, Cook County, Illinois, convened at 6:47 PM on Monday, July 25, 2022, to receive public comment on the proposed Appropriation Ordinance, appropriating the amounts of money, or as much thereof as may be allowed by law, for the several municipal projects and purposes for the fiscal year beginning May 1, 2022 and ending April 30, 2023.

ROLL CALL

Commissioners Byrnes, Maxham, Voogd and Mayor Hoskins answered the Roll Call.

PUBLIC COMMENT

None

ADJOURNMENT

There being no further public comment, Mayor Hoskins called for a motion to adjourn the Public Hearing concerning the Appropriation Ordinance for Fiscal Year May 1, 2022 to April 30, 2023.

Commissioner Byrnes motioned to adjourn the public hearing and Commissioner Maxham seconded the motion.

AYES: Commissioners, Byrnes, Maxham, Voogd and Mayor Hoskins
NAYS: None
ABSENT: Commissioner Nero
The motion carried unanimously. The Hearing adjourned at 6:52 PM.

Respectfully submitted,

Vanessa Moritz, Village Clerk

R E S O L U T I O N No.

BE IT RESOLVED by the Council of the Village of Forest Park, Cook County, Illinois, that we dispense with the reading of the individual bills inasmuch as each department head has approved and signed bills in the following aggregate amount for their respective departments.

Refunds and Allocations	$	19,857.99
Public Affairs	$	66,659.91
Police Department	$	2,808.00
Community Center	$	6,842.45
Accounts & Finance (Clerks Office)	$	173,825.43
Accounts & Finance (Fire Department)	$	1,175.02
Department of Health & Safety	$	4,988.65
Street Department	$	69,057.97
Public Property	$	46,806.53
Seizure	$	290.37
Police DUI	$	5,340.00
Federal Custom	$	5,797.15
TIF	$	6,165.75
VIP	$	413.01
Water Department	$	12,680.03
TOTAL	**$**	**422,708.26**

ADOPTED BY THE Council of the Village of Forest Park this 8th Day of August, 2022.

Ayes:
Nays:
Absent:

_____
Rory Hoskins, Mayor

ATTEST:

_____
Vanessa Moritz, Village Clerk

Account Number	Vendor	Invoice Date	Amount
100-00-000-4111-210	Forest Park Public Library	08/03/2022	19,832.99
100-00-000-4230-130	Francis Arquiza	07/28/2022	25.00
	Refunds and Allocations		19,857.99

Account Number	Vendor	Invoice Date	Amount
100-10-101-6100-135	GPG Strategies LLC	07/22/2022	2,000.00
100-10-101-6120-121	Robert Davis	07/25/2022	1,000.00
100-10-101-6120-160	Verizon Wireless	07/22/2022	55.34
100-10-101-6120-305	Forest Printing Company	07/11/2022	298.03
100-10-101-6120-305	Illinois State Police	06/30/2022	15.00
100-10-101-6120-305	Growing Community Media NFP	07/20/2022	250.00
100-10-101-6150-112	Metropolitan Mayors Caucus	07/15/2022	645.26
100-10-101-6150-152	Verizon Wireless	07/22/2022	84.82
100-10-101-6150-152	Verizon Wireless	07/22/2022	302.18
100-10-101-6150-210	Metro Reporting Services LTD	07/27/2022	1,062.50
100-10-101-6150-220	Shavon Wesley	07/20/2022	577.50
100-10-101-6150-220	Shavon Wesley	07/27/2022	371.25
100-10-101-6150-300	West Suburban Cons Dispatch Center	07/01/2022	59,261.27
100-10-101-7000-150	Telcom Innovations Group LLC	07/12/2022	217.50
100-10-101-7000-150	Telcom Innovations Group LLC	07/19/2022	362.50
100-11-111-6110-105	Techno Consulting Inc	07/10/2022	156.76
	Public Affairs		66,659.91

Account Number	Vendor	Invoice Date	Amount
100-12-121-6145-306	Animal Care League	06/30/2022	200.00
100-12-121-6150-114	WESTAF	07/12/2022	2,250.00
100-12-123-6145-291	SAFARILAND LLC	07/07/2022	358.00
	Police Department		2,808.00

Account Number	Vendor	Invoice Date	Amount
100-15-153-6170-202	Lakeview Bus Lines Inc	07/21/2022	377.15
100-15-153-6170-202	Lakeview Bus Lines Inc	07/21/2022	377.15
100-15-154-6170-110	Aries Charter Transportation Inc	07/12/2022	1,173.02
100-15-154-6170-110	Aries Charter Transportation Inc	07/12/2022	1,386.00
100-15-154-6170-110	Aries Charter Transportation Inc	07/18/2022	1,537.88
100-15-154-6170-110	Aries Charter Transportation Inc	07/18/2022	1,991.25
	Community Center		6,842.45

Account Number	Vendor	Invoice Date	Amount
100-21-211-5005-002	Blue Cross-Blue Shield of Ill	07/15/2022	126,620.20
100-21-211-5005-002	Guardian	07/28/2022	7,414.56
100-21-211-6100-110	Lauterbach & Amen LLP	07/18/2022	6,750.00
100-21-211-6110-110	Xerox Financial Services	07/10/2022	151.86
100-21-211-6110-110	Xerox Financial Services	07/10/2022	205.81
100-21-211-6140-104	Office 8	07/21/2022	314.93
100-21-211-6140-104	Quill	07/15/2022	328.23
100-21-211-6140-112	Lemeer Design LLC	07/07/2022	3,195.00
100-21-211-6140-140	Office 8	07/21/2022	13.49
100-21-211-6140-140	Quill	07/15/2022	14.26
100-21-211-6150-116	Growing Community Media NFP	07/13/2022	50.00
100-21-211-6150-150	AT&T	07/19/2022	864.85
100-21-211-6150-150	AT&T	07/19/2022	470.98
100-21-211-6150-150	AT&T	07/25/2022	117.55
100-21-211-6150-150	AT&T	07/25/2022	58.78
100-21-211-6150-150	AT&T	07/25/2022	49.22
100-21-211-6160-001	CNA Surety Direct Bill	09/24/2022	30.00
100-21-211-6190-003	POLICE PENSION FUND	08/03/2022	5,714.29
100-21-211-6190-004	Firefighters Pension Fund	08/02/2022	5,714.29
100-21-211-6191-001	POLICE PENSION FUND	08/03/2022	6,673.29
100-21-211-6191-002	Firefighters Pension Fund	08/03/2022	7,267.13
100-21-211-7000-080	Xerox Financial Services	07/10/2022	122.50
100-21-211-7000-080	Xerox Financial Services	07/10/2022	1,684.21
	Accounts & Finance (Clerks Office)		173,825.43

Account Number	Vendor	Invoice Date	Amount
100-30-302-6110-150	Verizon Wireless	07/22/2022	155.08
100-30-302-6145-100	Witmer Public Safety Group	07/19/2022	377.47
100-30-302-6145-321	State Chemical Industrial Products	07/15/2022	457.96
100-30-303-6145-300	John Luby	07/15/2022	184.51
	Accounts & Finance (Fire Department)		1,175.02

Account Number	Vendor	Invoice Date	Amount
100-40-401-5000-017	Raymond Traynor	07/25/2022	585.00
100-40-402-6150-232	B&F Construction Code Service	07/18/2022	4,185.65
100-40-402-6150-240	Clas Clerking	06/14/2022	218.00
	Department of Health & Safety		4,988.65

Account Number	Vendor	Invoice Date	Amount
100-50-501-6145-100	Classic Screen Printing	07/12/2022	319.90
100-50-502-6185-108	JC Licht LLC	07/18/2022	371.60
100-50-502-6185-110	Solar Traffic Systems	07/19/2022	1,898.80
100-50-502-6185-110	Traffic Control & Protection	07/27/2022	166.20
100-50-502-6185-110	Traffic Control & Protection	07/27/2022	465.85
100-50-502-6185-112	Republic Services #551	07/15/2022	1,733.40
100-50-502-6185-501	Republic Services #551	07/15/2022	36,604.86
100-50-502-6185-502	Republic Services #551	07/15/2022	23,948.23
100-50-502-6185-503	Republic Services #551	07/15/2022	3,549.13
		Street Department	69,057.97

Account Number	Vendor	Invoice Date	Amount
100-55-551-7000-001	Hustler Turf Equipment Inc	07/27/2022	11,499.00
100-55-552-6145-100	Classic Screen Printing	07/12/2022	319.90
100-55-552-6180-114	First Ayd Corp.	05/10/2022	597.23
100-55-552-6180-114	First Ayd Corp.	07/14/2022	791.08
100-55-552-6180-114	HOME DEPOT CREDIT	06/23/2022	33.70
100-55-552-6180-114	HOME DEPOT CREDIT	06/30/2022	20.91
100-55-552-6180-114	HOME DEPOT CREDIT	07/05/2022	56.94
100-55-552-6180-114	HOME DEPOT CREDIT	07/08/2022	159.05
100-55-552-6180-114	McAdam Landscaping	07/12/2022	1,774.00
100-55-552-6180-114	RUSSO POWER EQUIPMENT	07/15/2022	78.99
100-55-553-6180-150	Lyons Pinner Electric Co	07/15/2022	468.00
100-55-553-6180-150	Lyons Pinner Electric Co	07/15/2022	387.06
100-55-553-6180-150	Lyons Pinner Electric Co	07/25/2022	4,761.65
100-55-553-6180-150	Lyons Pinner Electric Co	07/25/2022	418.24
100-55-553-6180-152	Lyons Pinner Electric Co	06/26/2022	3,615.41
100-55-553-6180-152	Lyons Pinner Electric Co	07/15/2022	702.00
100-55-553-6180-160	AEP Energy	06/22/2022	616.04
100-55-553-6180-160	Com Ed	06/24/2022	529.14
100-55-553-6180-160	Com Ed	06/28/2022	314.52
100-55-553-6180-160	Com Ed	06/28/2022	105.96
100-55-553-6180-160	Com Ed	07/28/2022	25.20
100-55-553-6180-160	Com Ed	07/28/2022	24.24
100-55-553-6180-160	Com Ed	07/28/2022	24.24
100-55-553-6180-160	Com Ed	07/28/2022	28.59
100-55-553-6180-160	Com Ed	07/28/2022	164.57
100-55-555-6180-100	Comcast	07/08/2022	195.00
100-55-555-6180-100	Quill	07/15/2022	84.20
100-55-555-6180-100	West Town Mechanical	07/27/2022	484.00
100-55-555-6180-110	Comcast	07/12/2022	2.10
100-55-555-6180-110	Comcast	07/13/2022	128.95
100-55-555-6180-140	Comcast	07/07/2022	2.10
100-55-555-6180-140	HOME DEPOT CREDIT	06/22/2022	293.18
100-55-555-6180-140	ULINE	07/21/2022	433.00
100-55-560-6155-108	Forest Printing Company	07/26/2022	321.25
100-55-560-6155-108	Total Parking Solutions Inc	07/22/2022	720.00
100-55-570-6155-101	John Reilly	07/21/2022	60.18
100-55-570-6155-106	Battery Service Corporation	07/26/2022	263.92
100-55-570-6155-106	CCP INDUSTRIES INC	07/25/2022	112.49
100-55-570-6155-106	Standard Equipment Co.	07/18/2022	181.61

Account Number	Vendor	Invoice Date	Amount
100-55-570-6155-106	Standard Equipment Co.	07/20/2022	557.81
100-55-570-6155-106	Wholesale Direct Inc.	07/12/2022	224.40
100-55-570-6155-106	Zeigler Ford North Riverside	06/01/2022	31.80
100-55-570-6155-106	Zeigler Ford North Riverside	06/01/2022	14.54
100-55-570-6155-106	Zeigler Ford North Riverside	06/02/2022	588.52
100-55-570-6155-106	Zeigler Ford North Riverside	06/03/2022	25.46
100-55-570-6155-106	Zeigler Ford North Riverside	06/13/2022	43.86
100-55-570-6155-106	Zeigler Ford North Riverside	06/22/2022	101.06
100-55-570-6155-106	Zeigler Ford North Riverside	06/24/2022	46.79
100-55-570-6155-110	Snap on Industrial	07/19/2022	9.10
100-55-570-6155-112	Action Transmission & Auto	07/15/2022	2,850.00
100-55-570-6155-112	Action Transmission & Auto	07/18/2022	1,796.88
100-55-570-6155-112	Commercial Tire Service	07/19/2022	51.50
100-55-570-6155-112	Commercial Tire Service	07/19/2022	348.50
100-55-570-6155-112	Commercial Tire Service	07/19/2022	542.87
100-55-570-6155-112	Commercial Tire Service	07/19/2022	(573.48)
100-55-570-6155-112	Quiroz Auto Repair Inc	06/24/2022	200.00
100-55-570-6155-112	The Wrench Truck & Trailer Repair Inc	07/28/2022	1,504.46
100-55-570-6155-202	Freeway Ford Sterling Truck	07/25/2022	2,779.82
100-55-580-6180-202	West Central Municipal Conf	07/19/2022	4,785.00
100-55-580-6180-210	JKS VENTURES INC	07/18/2022	80.00
	Public Property		46,806.53

Account Number	Vendor	Invoice Date	Amount
230-00-000-6150-152	Verizon Wireless	07/22/2022	92.22
230-00-000-6150-152	Verizon Wireless	07/22/2022	198.15
		Seizure	290.37

Account Number	Vendor	Invoice Date	Amount
231-00-000-6900-231	Advanced Weighing Systems	07/07/2022	4,840.00
231-00-000-6900-231	WESTAF	07/12/2022	500.00
	Police DUI		5,340.00

Account Number	Vendor	Invoice Date	Amount
232-00-000-6900-232	Nelson Systems Inc	07/13/2022	4,534.50
232-00-000-6900-232	Lyons Pinner Electric Co	07/15/2022	1,262.65
	Federal Customs		5,797.15

Account Number	Vendor	Invoice Date	Amount
302-00-000-6100-115	Kane McKenna and Assoc	06/30/2022	113.59
302-00-000-6100-115	Lauterbach & Amen LLP	07/18/2022	375.00
302-00-000-6185-700	Davis Tree Care	07/19/2022	4,700.00
304-00-000-6100-115	Kane McKenna and Assoc	06/30/2022	113.58
304-00-000-6100-115	Lauterbach & Amen LLP	07/18/2022	375.00
309-00-000-6100-115	Kane McKenna and Assoc	06/30/2022	113.58
309-00-000-6100-115	Lauterbach & Amen LLP	07/18/2022	375.00
		TIF	6,165.75

Account Number	Vendor	Invoice Date	Amount
312-00-000-6100-115	Lauterbach & Amen LLP	07/18/2022	375.00
312-00-000-6150-152	Verizon Wireless	07/22/2022	38.01
		VIP	413.01

Account Number	Vendor	Invoice Date	Amount
501-00-000-2001-002	Brieser Construction Co	07/26/2022	500.00
501-80-800-6100-110	Lauterbach & Amen LLP	07/18/2022	6,750.00
501-80-800-6110-105	Verizon Wireless	07/22/2022	36.01
501-80-800-6145-100	Classic Screen Printing	07/12/2022	100.00
501-80-800-6150-150	AT&T	07/25/2022	62.75
501-80-800-6150-154	Com Ed	06/28/2022	20.41
501-80-800-6150-154	Com Ed	06/28/2022	56.73
501-80-800-6150-154	Com Ed	07/13/2022	54.93
501-80-800-6150-154	Constellation Energy Services Inc	06/28/2022	2,651.95
501-80-800-6150-154	Constellation Energy Services Inc	07/05/2022	237.51
501-80-800-6150-156	NICOR	07/06/2022	49.21
501-80-800-6150-156	NICOR	07/06/2022	101.63
501-80-800-6800-150	Clear View	07/15/2022	535.00
501-80-800-6800-153	Comcast	07/06/2022	83.90
501-80-800-6800-176	Core & Main LP	07/11/2022	1,440.00
	Water Department		12,680.03

AGENDA MEMO

Village Council Meeting

Forest Park, Illinois

August 8, 2022

Issue Statement

Request for Village Council action related to the adoption of an ordinance amending Sections 3-3-5-M and 3-3-12 of the Village Code regarding (Liquor) Entertainment Licenses and Patio (Beer Garden) Licenses

Background

Per the discussion that took place at the July 25, 2022 Village Council Meeting, the attached ordinance amends the Village Code to allow for amplified live entertainment within an exterior beer garden at a licensed liquor establishments. The proposed language would allow for such amplified live entertainment no more than one (1) time per calendar month. Currently, only non-amplified acoustic live entertainment is permitted within an exterior beer garden at liquor establishments.

Language was also added to the Entertainment License provisions within the Liquor Code to clarify and confirm that issued entertainment licenses are only valid for a period of one (1) month and that issued entertainment licenses pertain only to the interior of one's licensed premises and within a permitted private property patio (beer garden) and not upon a permitted sidewalk café that is located upon the public right of way.

Attachments

- Village (Liquor) Code amendment ordinance;
- Draft revisions to Entertainment License application.

ORDINANCE O-_____ -22

AN ORDINANCE AMENDING SECTIONS 3-3-5-M AND 3-3-12 OF THE VILLAGE OF FOREST PARK LIQUOR CODE PERTAINING TO PATIO (BEER GARDEN) LICENSES AND ENTERTAINMENT LICENSES

WHEREAS, pursuant to Section 4-1 of the Illinois Liquor Control Act of 1934 (235 ILCS 5/4-1), the corporate authorities of the Village of Forest Park, are expressly authorized to regulate and determine, by ordinance, the number, kind and classification of licenses, for sale at retail of alcoholic liquor not inconsistent with the Illinois Liquor Control Act and to establish further regulations and restrictions not inconsistent with law as the public good and convenience may require; and,

WHEREAS, upon review of Title 3, Chapter 3, Section 3-3-5-M, entitled "Supplemental Patio (Beer Garden) License," the corporate authorities of the Village have determined that it is proper to amend Section 3-3-5(M) in the manner hereafter set forth.

WHEREAS, upon review of Title 3, Chapter 3, Section 3-3-12, entitled "Amusement Establishments," the corporate authorities of the Village have determined that it is proper to amend Section 3-3-12 in the manner hereafter set forth.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND THE VILLAGE COUNCIL OF THE VILLAGE OF FOREST PARK, COOK COUNTY, ILLINOIS, as follows:

SECTION 1: Section 3-3-5-M, entitled "Supplemental Patio (Beer Garden) License," of Chapter 3, entitled "Liquor Control," of Title 3, entitled "Business and License Regulations," of the Village Code of Ordinances of the Village of Forest Park, as amended, is hereby further amended to read as follows:

M. Supplemental Patio (Beer Garden) License: The local liquor control commissioner may issue to holders of a class A, A1, A2, A3, A7 or C license, a supplemental patio license, which license shall permit the sale and/or consumption of alcoholic liquor in a patio area contiguous and adjacent to the licensed premises. The following conditions and restrictions shall apply to the issuance and validity of a supplemental patio license:

1. Alcoholic liquor may only be served or consumed in the patio area between the hours of eleven o'clock (11:00) A.M. and twelve o'clock (12:00) midnight on any day of the week.

2. ~~No amplified~~ Acoustic and amplified live entertainment shall be permitted on the patio area (beer gardens but not sidewalk cafes) of the licensed premises (no more than one (1) time per calendar month for amplified live entertainment), ~~Acoustic entertainment shall be permitted,~~ subject to the premises being issued an Entertainment License by the Village Council, in accordance with Section 3-3-12 of this Chapter 3.

3. The patio area shall be paved, screened and separated from the adjacent private or public property by a solid wood fence or appropriate structure or barrier acceptable to the village and not less than five feet (5') in height, and which shall be maintained in good and attractive condition.

4. Entrance to and exit from the patio area shall be through the licensed premises.

5. Permitted live entertainment on the patios of liquor licensed establishments shall cease at 9:00 p.m. on each permitted day.

SECTION 2: Section 3-3-12, entitled "Amusement Establishments," of Chapter 3, entitled "Liquor Control," of Title 3, entitled "Business and License Regulations," of the Village Code of Ordinances of the Village of Forest Park, as amended, is hereby stricken in its entirety and shall be replaced as follows:

3-3-12: ENTERTAINMENT LICENSE:

A. "Entertainment" as used herein shall include, but not be limited to, any public show, theatrical, animate or inanimate exhibition, live bands performing music (maximum of 5 performers), DJ's, karaoke, or any other amusement, diversion, production, etc. offered, operated, presented or exhibited to the public.
B. No licensee shall sponsor, conduct, or permit entertainment (as defined above) in any licensed premises unless the application for a license therefor has been submitted to and approved by the local liquor commissioner and the village council.
C. Indoor entertainment shall cease at 11:00 p.m.
D. Issued entertainment licenses shall be valid for a period of one (1) calendar month.
E. Entertainment licenses shall not be valid upon a premises' permitted sidewalk café area.

SECTION 3: That this Ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form as provided by law.

Passed by the Council of the Village of Forest Park, Cook County, Illinois this 8th day of August, 2022.

AYES:_____

NAYS:_____

ABSENT:_____

APPROVED:

_____
Rory E. Hoskins, Mayor

ATTEST:

_____
Vanessa Moritz, Village Clerk

Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60130
Fax: 708-488-0361
www.forestpark.net

Office Use Only

Date: _____

Initial: _____

Village Council Approval Date: _____

Entertainment License Application

Pursuant to Section 3-3-12 of Forest Park Liquor Code

Date of Application: _____

Name of Liquor License Establishment: _____

Class of Forest Park Liquor License: _____

Name of Applicant(s): _____

Business Address: _____

Telephone Number(s): _____

E-mail Address(es): _____

Square Footage of Licensed Premises: _____

Please describe in detail the type of entertainment (as defined below) that will be offered on the premises. You are welcome to attach/use additional documentation to this application in efforts to provide the Local Liquor Commissioner and Village Council a better understanding of what type(s) of entertainment will be offered at the licensed premises.

Location (circle one): Indoors Outdoor Patio/Beer Garden

Entertainment Type (circle): DJ Amplified Band Acoustic Band Theatrical

Karaoke Comedy Show Exhibition Other: _____

Date(s):_____

Time:_____

Location (circle one): Indoors Outdoor Patio/Beer Garden

Entertainment Type (circle): DJ Live Band (max 5 performers) Theatrical

Karaoke Comedy Show Exhibition Other: _____

Date(s):_____

Time:_____

I hereby certify I am the owner of the above-described liquor license establishment. I understand that the issuance and continuation of this license is conditional upon compliance with all applicable Village Codes and Ordinances and the result of any inspection of the above premises at this time or any subsequent inspection while this license is in force. I acknowledge that I am signing this application under the penalty of perjury and that all information is true and correct.

Signature: _____

Date: _____

FOREST PARK LIQUOR CODE
As of 08/08/2022

3-3-12: ENTERTAINMENT LICENSE:

A. "Entertainment" as used herein shall include, but not be limited to, any public show, theatrical, animate or inanimate exhibition, live bands performing music (maximum of 5 performers), DJ's, karaoke, or any other amusement, diversion, production, etc. offered, operated, presented or exhibited to the public.
B. No licensee shall sponsor, conduct, or permit entertainment (as defined above) in any licensed premises unless the application for a license therefor has been submitted to and approved by the local liquor commissioner and the village council.
C. Indoor entertainment shall cease at 11:00 p.m.
D. Issued entertainment licenses shall be valid for a period of one (1) calendar month.
E. Entertainment licenses shall not be valid upon premises' permitted sidewalk café area.

3-3-9-F: Live Music: In any premises upon which the sale of alcoholic liquor is licensed, all exterior windows and doors to the licensed premises shall remain closed during the playing or performing of any live music.

3-3-5-M-2: Amplified and acoustic live entertainment shall be permitted on the patio area (beer gardens but no sidewalk cafes) of the licensed premises (no more than one (1) time per calendar month for amplified live entertainment) subject to the premises being issued an Entertainment License by the Village Council, in accordance with Section 3-3-12 of this Chapter 3.

3-3-5-M-5: Permitted live entertainment on the patios of liquor licensed establishments shall cease at 9:00 p.m. on each permitted day.

RESOLUTION NO. R-_____-22

A RESOLUTION APPROVING THE SPECIFICATIONS AND AUTHORIZING THE ADVERTISING OF BIDS FOR THE VILLAGE OF FOREST PARK 2022 ALLEY IMPROVEMENTS PROJECT

WHEREAS, the Village of Forest Park ("Village") has undertaken a Project to develop plans and specifications for the 2022 Alley Improvements Project in the Village (the "Project"); and

WHEREAS, the Village desires to approve certain specifications and advertisement for bids for the Project.

BE IT RESOLVED, by the Mayor and Village Council of the Village of Forest Park, Cook County, Illinois, as follows:

Section 1. Finding of the Corporate Authorities

In the opinion of a majority of the corporate authorities of the Village, it is advisable, necessary and in the public interest that the Village approve the specifications, advertise for bids and solicit bids for the Project.

Section 2. Advertisement for Bids

The Village Clerk and Village Engineer, Christopher B. Burke Engineering, Ltd., are hereby authorized and directed to cause an advertisement and to solicit bids, pursuant to the public bid process and in substantially the form of the Local Public Agency 2022 Alley Improvements Project Proposal/Specifications, attached hereto as Exhibit "A" and made a part hereof.

Section 3. Effective Date

This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

ADOPTED by the Council of the Village of Forest Park, Cook County, Illinois this 8th day of August, 2022.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED by me this 8th day of August, 2022.

_____
Rory E. Hoskins, Mayor

ATTESTED and filed in my office,
and published in pamphlet form
this _____ day of August, 2022.

_____
Vanessa Moritz, Village Clerk

EXHIBIT "A"

2022 Alley Improvements Project
Proposal and Specifications

VILLAGE OF FOREST PARK

2022 ALLEY IMPROVEMENTS

INDEX

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES
3	MWRD GENERAL NOTES
4	SUMMARY OF QUANTITIES AND EARTHWORK SCHEDULE
5	ALIGNMENT, TIES AND BENCHMARKS
6	TYPICAL SECTIONS
7	CONSTRUCTION DETAILS
8-9	MWRD CONSTRUCTION DETAILS
10	400 ELGIN-HARLEM PLAN AND PROFILE
11	1100 ELGIN-HARLEM PLAN AND PROFILE
12-18	CROSS SECTIONS

LOCATION / VICINITY MAP

IDOT STANDARDS

STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS	STD. 000001
ENTRANCE/ALLEY PEDESTRIAN CROSSING	STD. 424026
FRAME AND LIDS TYPE 1	STD. 604001
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER	STD. 606001
LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	STD. 701301
URBAN LANE CLOSURE 2L, 2W UNDIVIDED	STD. 701501
LANE CLOSURE MULTILANE IN OR 2W CROSSWALK OR SIDEWALK CLOSURE	STD. 701801
TRAFFIC CONTROL DEVICES	STD. 701901
TYPICAL PAVEMENT MARKINGS	STD. 780001
TRAFFIC CONTROL SERVICES - DAY LABOR CONSTRUCTIONS	B.L.R 17-4
TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE	B.L.R 18-6

LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER (SS=STORM SEWER)
- EXISTING STRUCTURE
- EXISTING INTERCEPTOR
- EXISTING COMBINATION SEWER
- INLET PROTECTION

FOR PERMIT

BENCHMARK

SEE ALIGNMENT TIES AND BENCHMARKS SHEET

LOCATION

CALL JULIE 811
WITH THE FOLLOWING
COUNTY COOK
CITY/TOWNSHIP FOREST PARK
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT. SUN. & HOLIDAYS

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION

JAMES F. AMELIO
062-060778
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

ENGINEER DATE

JAMES F. AMELIO
ILLINOIS REGISTRATION No. 062-060778
EXPIRATION DATE: 11/30/2023

CONSTRUCTABILITY REVIEW BY

REVIEWER DATE

CLIENT:

VILLAGE OF FOREST PARK
517 DESPLAINES AVENUE
FOREST PARK, ILLINOIS 60130

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500
PROFESSIONAL DESIGN FIRM NO. 184-001175-0014
EXPIRATION DATE: 04/30/23

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2022; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION. THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED. IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. HOWEVER, THE VILLAGE OF FOREST PARK DOES NOT GUARANTEE THE COMPLETENESS OR ACCURACY OF THE INFORMATION REGARDING UTILITIES, EITHER PUBLIC OR PRIVATE SUCH AS SEWERS, GAS AND WATER MAINS, TELEPHONE AND ELECTRICAL DUCT LINES, MANHOLES, CATCH BASINS, AND SIMILAR STRUCTURES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION OPERATIONS AND REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER, THE VILLAGE AND THE UTILITY OWNER. THIS WORK SHALL BE SOLELY AT THE CONTRACTORS EXPENSE.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.

BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND THE VILLAGE OF FOREST PARK PUBLIC WORKS DEPT. FOR FIELD LOCATIONS OF BURIED WATER AND STORM FACILITIES (48-HOUR ADVANCE NOTIFICATION IS REQUIRED).

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

STORM SEWER

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.

THE PROJECT IS IN A COMBINED SEWER AREA, AND THEREFORE ALL STORM, SANITARY, OR COMBINED SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH MWRD SPECIFICATIONS. ALL STORM, SANIARY, AND COMBINED SEWERS SHALL BE CONSTRUCTED WITH RESILIENT CONNECTORS CONFORMING TO ASTM C923 (PIPE TO MANHOLE OR CATCH BASIN AND EXISTING PIPE TO PROPOSED PIPE). THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE SEWER.

WATER MAIN

FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 48 HOURS NOTICE. THE VILLAGE SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE PUBLIC WORKS DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEM AGGREGATE FOR TEMPORARY ACCESS.

DIMENSIONS: IT SHAL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

ALL SAWCUTTING SHALL BE INCIDENTAL TO REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

POLLUTION CONTROL: THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. CONSTRUCTION OPERATIONS SHALL BE CONFINED TO THE PERIOD BEGINNING AT 7:00 A.M. AND ENDING AT 6:00 P.M. WEEKDAYS,8:00A.M. TO 4:00P.M. SATURDA Y, AND NO WORK SHALL BE PERFORMED ON SUNDAYS OR HOLIDAYS,PER VILLAGE ORDINANCE.

THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND IS TO COMPARE THE SITE CONDITIONS AS INDICATED ON THE DRAWINGS.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS TO INSURE TRAFFIC MAINTENANCE, SURFACE DRAINAGE, ETC. THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD IN ACCORDANCE WITH THE REQUIREMENTS OF THE VILLAGE OF FOREST PARK, AND ANY OTHER GOVERNING AGENCIES.

THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS AND VEHICULAR TRAFFIC.

NO BURNING OR INCINERATION OF RUBBISH WILL BE PERMITTED ON SITE.

DO NOT SCALE DRAWINGS IF COORDINATES AND DIMENSIONS ARE GIVEN.

THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADE, ALLOW FOR THE THICKNESS OF TOPSOIL AS SHOWN.

THE CONTRACTOR IS ADVISED THAT MUD AND DEBRIS MUST NOT BE DEPOSITED ON THE ADJACENT ROADWAYS. ANY DIRT AND DEBRIS ACCUMULATED ON THE PAVEMENT SHALL BE CLEANED BY THE CONTRACTOR WITHIN FOUR (4) HOURS OF THE INCIDENT OR HE WILL BE BACK CHARGED AT THE RATE OF $500.00 PER INCIDENT PLUS THE COST OF THE VILLAGE'S FORCES TO COMPLETE THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO CORRECT DAMAGE AT HIS OWN EXPENSE. THE GRADING AND CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER.

ALL GRASSED AREAS DISTURBED DURING THE CONSTRUCTION OPERATIONS SHALL BE SODDED IN ACCORDANCE WITH SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS.

NO CONSTRUCTION WORK SHALL BEGIN UNTIL THE PRECONSTRUCTION VIDEO HAS BEEN APPROVED BY THE ENGINEER.

ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE OR LOCAL TIPPING FEES.

PAVEMENT CORES AND ASSOCIATED LPC FORM ARE INCLUDED IN THE SPECIFICATIONS. ANY ADDITIONAL TESTING OR COORDINATION ASSOCIATED WITH REMOVAL OR EXCAVATION ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

CONSTRUCTION SEQUENCING

1. INSTALLATION OF EROSION CONTROL DEVICES

2.INSTALLATION OF STORM SEWER SYSTEM. PAVEMENT SHALL BE SAWCUT FOR SEWER TRENCH, PROPOSED STORM SEWER AND SEWER STRUCTURES SHALL BE INSTALLED WHILE EXISTING PAVEMENT REMAINS IN PLACE. SAWCUTTING FOR STORM SEWER SYSTEM SHALL BE CONSIDERED INCIDENTAL TO STORM SEWER ITEMS.

3. SAWCUT AND REMOVAL OF EXISTING PAVEMENT AND EARTH EXCAVATION, UNDERCUT AS DIRECTED BY ENGINEER. SAWCUTTING FOR PAVEMENT REMOVAL SHALL BE CONSIDERED INCIDENTAL TO REMOVAL ITEMS.

4. INSTALLATION OF TENSAR GEOGRID AND SUBBASE GRANULAR MATERIAL. SUBGRADE SHALL NOT BE EXPOSED FOR A PERIOD OF MORE THAN 24 HOURS. $500 IN LIQUIDATED DAMAGES IF NOT MET.

5. PAVEMENT INSTALLATION.

6. DRIVEWAY INSTALLATION AND RESTORATION ITEMS.

7. REMOVAL OF EROSION CONTROL DEVICES

NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THE REQUIRED CONSTRUCTION SEQUENCING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

CONTRACTOR SHALL MILL BEFORE PATCHING.

MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (DRIVEWAY)	4%@50 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SY/IN.

2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

CB
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:

VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

NO.	DATE	NATURE OF REVISION	CHKD.
FILE NAME	N:\FORESTPARK\0023\BC08\Civil\DWG\0023BC08_GLSHT		

DSGN.	
DWN.	
CHKD.	
SCALE:	20'
PLOT DATE:	7/21/2022
CAD USER:	Tdyszewski
MODEL:	Default

TITLE:

GENERAL NOTES

PROJ. NO. 0023.BC108
DATE: 07/18/2022
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A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * VILLAGE OF FOREST PARK MUNICIPAL CODE;
   * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
   * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE VILLAGE OF FOREST PARK ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS -0.284 FT.
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST-KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED, FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	 ASTM D-3034 ASTM F-679	 ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	 ASTM D-2241 AWWA C900 AWWA C905	 ASTM D-3139 ASTM D-3139 ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
    b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
    c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM;
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
15. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
19. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

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FILE NAME: N:\FORESTPARK\0023\BG08\Dwg\GT_0023BG08_02.SHT

TITLE:
GENERAL NOTES

PROJ. NO. 0023.BG108
DATE: 07/18/2022
SHEET 3 OF 18
DRAWING NO.
3

SP	PAY ITEM NUMBER	PAY ITEM NAME	UNIT	400 ELGIN-HARLEM	1100 ELGIN-HARLEM	TOTAL QUANTITY
	20200100	EARTH EXCAVATION	CY	127	315	442
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	15	30	45
*	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY	15	30	45
*	20800250	TRENCH BACKFILL, SPECIAL (CA-7)	CY	0	5	5
	28000510	INLET FILTERS	EACH	0	8	8
	31101400	SUBBASE GRANULAR MATERIAL TYPE B, 6"	SY	325	850	1175
*	42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SY	325	850	1175
*	42001650	PAVEMENT FABRIC (SPECIAL)	SY	325	850	1175
*	42400430	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	SF	130	100	230
	44000600	SIDEWALK REMOVAL	SF	130	100	230
*	44004400	PAVEMENT REMOVAL (SPECIAL)	SY	325	850	1175
	5510300	STORM SEWER REMOVAL 8"	LF	0	8	8
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	0	1	1
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	0	1	1
	60500050	REMOVING CATCH BASINS	EACH	0	2	2
*	70101708—	TRAFFIC CONTROL AND PROTECTION	L. SUM	0.5	0.5	1
*	Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	10	10	20
*	Z0013798	CONSTRUCTION LAYOUT	L. SUM	0.5	0.5	1
*	XX003668	PRECONSTRUCTION VIDEO TAPING	L. SUM	0.5	0.5	1
*	N/A	BRICK DRIVEWAY REMOVAL AND REPLACEMENT	SY	0	50	50
*	N/A	CORED CONNECTION TO STRUCTURE / SEWER	EACH	0	4	4
*	N/A	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	218	0	218
*	N/A	DETECTABLE WARNINGS FOR PEDESTRIAN CROSSINGS, FURNISH AND INSTALL	EACH	4	4	8
*	N/A	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SY	70	160	230
*	N/A	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 8"	SY	70	200	270
*	N/A	STRUCTURE TO BE ADJUSTED	EACH	3	4	7
*	N/A	TENSAR GEOGRID	SY	325	850	1175
*	N/A	EDGE SLOPE ADJUSTMENT	LF	40	140	180
—	N/A	ITEMS ORDERED BY ENGINEER	L. SUM	0.5	0.5	1
*	N/A	STORM SEWERS, 8" (SPECIAL)	FOOT	0	32	32

EARTHWORK SCHEDULE

STATION	Conversion (CY)
400 Elgin - Harlem	
100+30	0
100+50	12.1
100+75	15.5
101+00	17
101+15	11
101+50	35.2
101+97	36.2
Total	127

STATION	Conversion (CY)
1100 Elgin - Harlem	
200+38	0
200+54	11.7
200+84	21.4
201+02	13.4
201+18	12.7
201+50	25
201+64	10.6
202+00	27.1
202+37	29.4
202+50	10
202+69	14.2
203+00	25.6
203+25	20.8
203+50	19.9
203+81	23.1
204+00	13.2
204+30	21.3
204+50	15.4
Total	315

UTILITY COORDINATION

UTILITY COMPANY	AT&T (Distribution) Local	Brookfield North Riverside Water Commission	Comcast
Address	1000 Commerce Dr. Floor 1	8636 Brookfield Ave, Brookfield, IL 60513	688 Industrial Dr
	Oak Brook, IL 60523		Elmhurst, IL 60126
Contact Person	Jamal McGarvey	Jason Zurawski	Martha Gerus
Phone #	630-573-5450	708-485-4244	224-229-5862
COMMENTS:	Permit plans submitted	Permit plans submitted	Permit plans submitted

UTILITY COMPANY	ComEd	G4S Adesta	Metropolitan Water Reclamation District
Address	1 N. 423 Swift Road	565 Willowbrook Centre Parkway	100 E. Erie St
	Lombard, IL 60148	Willowbrook, IL 60527	Chicago, IL 60611
Contact Person	Lisa Argast	Andrew Tate	Joseph Schuessler
Phone #	630-576-7094	331-264-3123	312-751-3236
COMMENTS:	Permit plans submitted	Permit plans submitted	Permit plans submitted

UTILITY COMPANY	Nicor Gas	Red Speed Illinois	
Address	1844 Ferry Road	400 Eisenhower Ln North	
	Naperville, IL 60563-9600	Lombard, IL 60148	
Contact Person	Sakibul Forah	Jose Chavez	
Phone #	630-388-3046	630-317-5705	
COMMENTS:	Permit plans submitted	Permit plans submitted	

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SUMMARY OF QUANTITIES AND EARTHWORK SCHEDULE

PROJ. NO.	0023_BC108
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SHEET	4 OF 18
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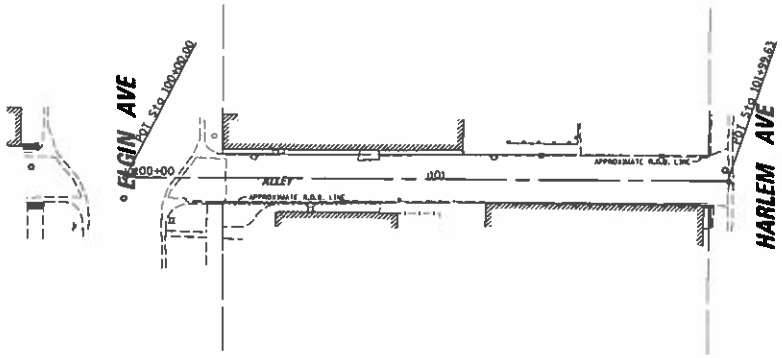

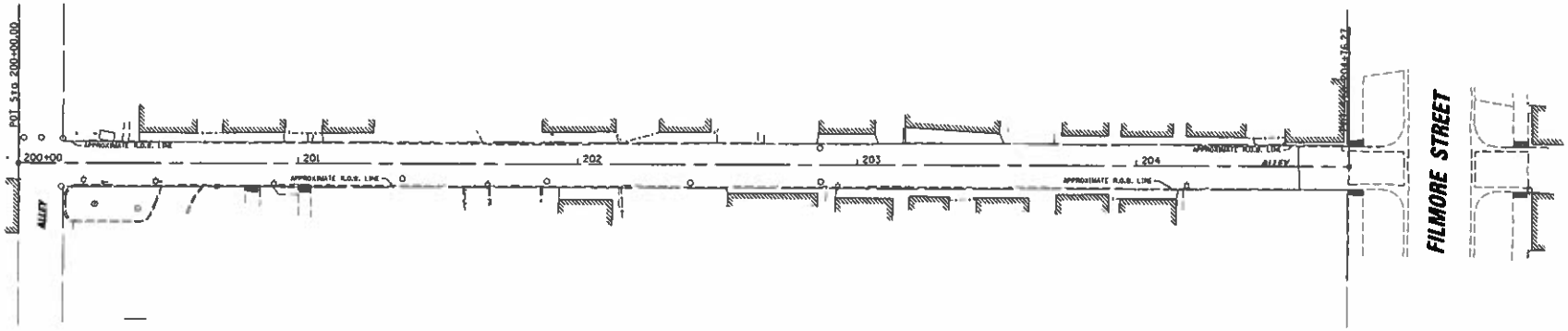

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ALIGNMENT, TIES AND BENCHMARKS

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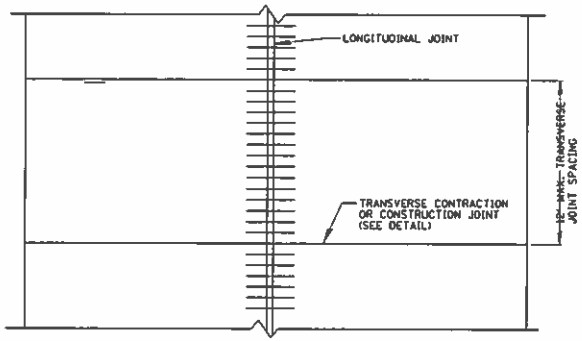
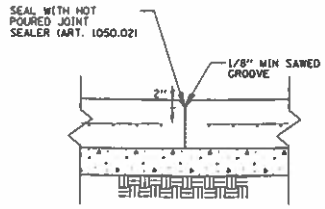
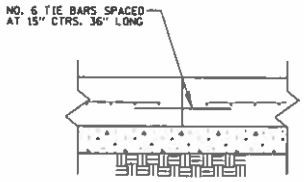
SHEET 5 OF 18	
DRAWING NO.	5



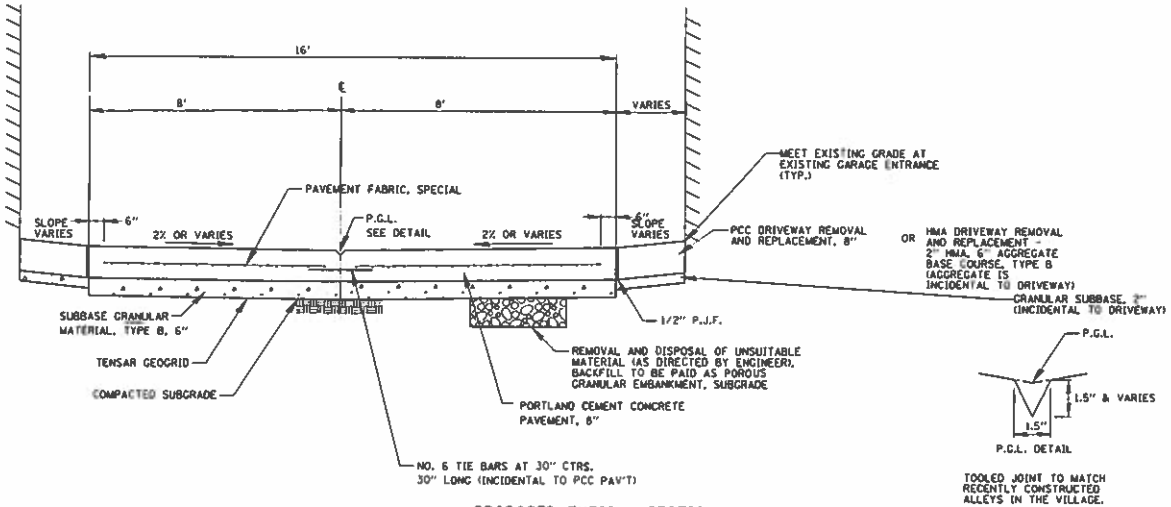
PLAN - SHOWING TRANSVERSE JOINT SPACING



DETAIL OF SAWED CONTRACTION JOINT



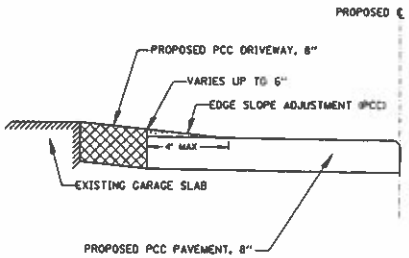
DETAIL OF TRANSVERSE CONSTRUCTION JOINT



PROPOSED TYPICAL SECTION

P.G.L. DETAIL

TOOLED JOINT TO MATCH RECENTLY CONSTRUCTED ALLEYS IN THE VILLAGE.



TYPICAL SECTION OF EDGE SLOPE ADJUSTMENT

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

NO.	DATE	NATURE OF REVISION	CHKD.

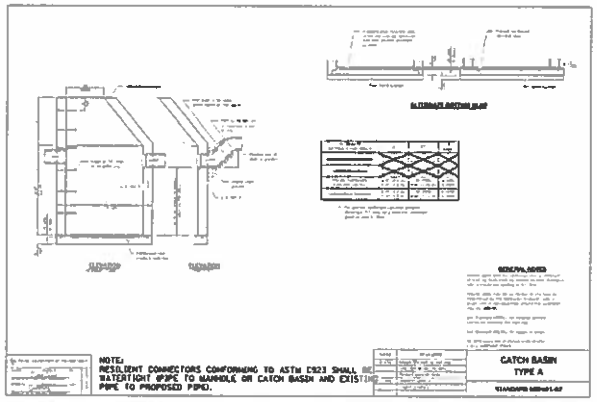
FILE NAME: N:\FOREST PARK\0023\0000\CHP\TYP_0023B000.DWG

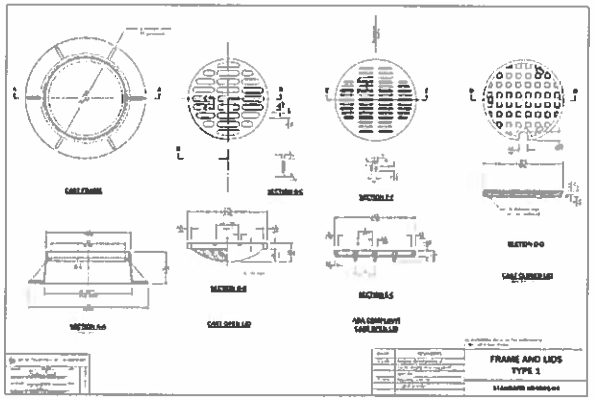
DSGN.	
DWN.	
CHKD.	
SCALE:	20'
PLOT DATE:	7/21/2022
CAD USER:	Toyoewski
MODEL:	Default

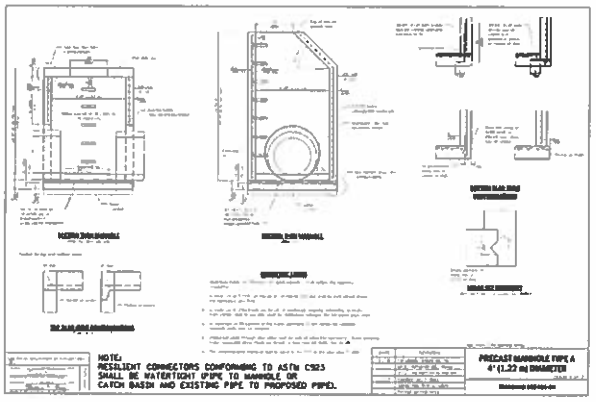
TITLE:

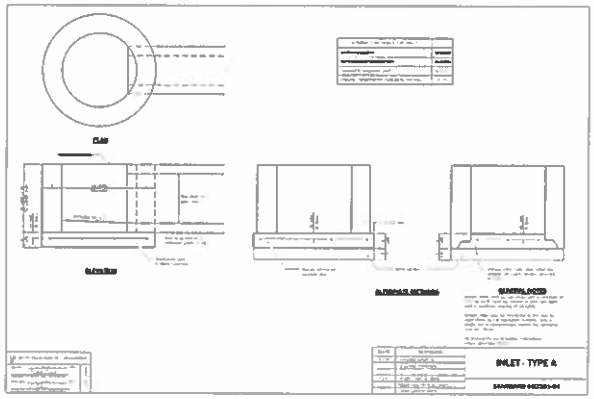
TYPICAL SECTIONS

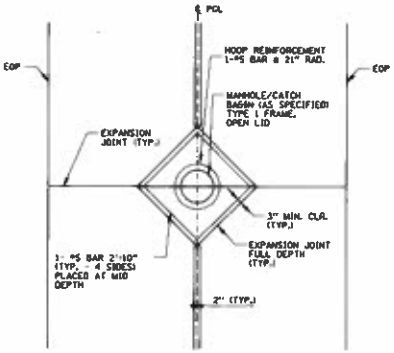
PROJ. NO.	0023.B0100
DATE:	07/18/2022
SHEET 6 OF 18	
DRAWING NO.	6





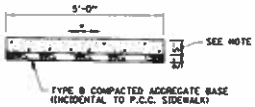






NOTE:
RIM ELEVATION IS NOTED ON THE PLAN AND PROFILE OF EACH ALLEY. REINFORCEMENT IS INCIDENTAL TO MANHOLE/CATCH BASIN.

STRUCTURE IN P.C.C. PAVEMENT

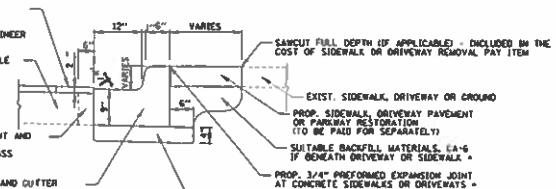


* CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

NOTES:

1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCIDENTAL TO THE P.C.C. SIDEWALK 5 INCH, SPECIAL.
2. THICKNESS SHALL BE INCREASED TO 7" WHERE SIDEWALK IS ADJACENT TO A CONCRETE DRIVEWAY. (COST INCIDENTAL)

P.C.C. SIDEWALK 5 INCH, SPECIAL DETAIL



NOTE:
LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)

* INCLUDED IN THE COST FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)

NOT TO SCALE

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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Rosemont, Illinois 60018
(847) 823-0500

CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

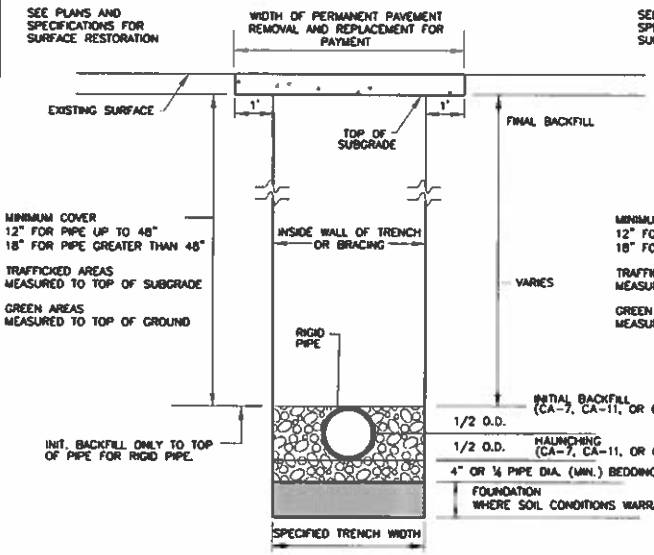
NO.	DATE	NATURE OF REVISION		
			DSGN.	
			DWN.	
			CHK.	
			SCALE:	20'
			PLOT DATE:	7/21/2022
			CAD USER:	toyawaki
			CHKD. MODEL:	Default

FILE NAME: W:\FOREST PARK\0023\BC108\CIVIL\SET_0023BC108_CI.SHT

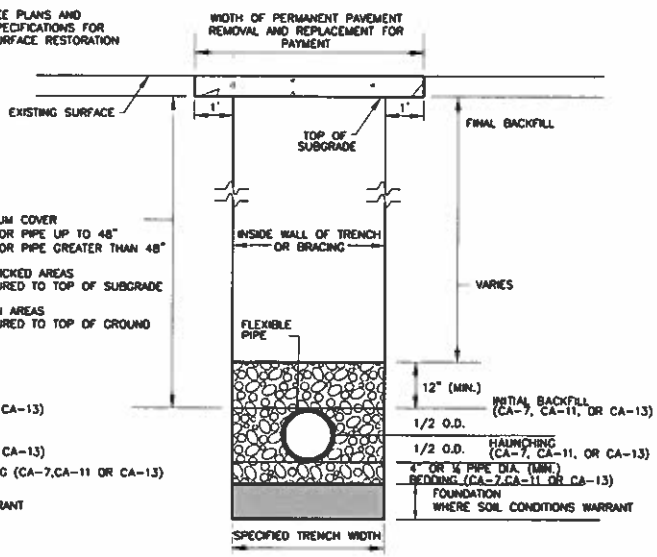
TITLE:

CONSTRUCTION DETAILS

PROJ. NO.	0023.BC108
DATE:	07/18/2022
SHEET	7 OF 18
DRAWING NO.	7



RIGID PIPE INSTALLATION DETAIL



FLEXIBLE PIPE INSTALLATION DETAIL

NOTES:
1. FOR QUALIFIED SEWER CONSTRUCTION ONLY.
2. SHORING, OR EQUIVALENT PROTECTIVE SYSTEM, REQUIRED FOR TRENCHES OF 5' DEPTH OR GREATER, OR AS REQUIRED BY MUNICIPALITY.

NOT TO SCALE

	TECHNICAL GUIDANCE MANUAL	7/1/15
	RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL	STD. DWG. NO. 34
		PAGE NO. 35

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CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

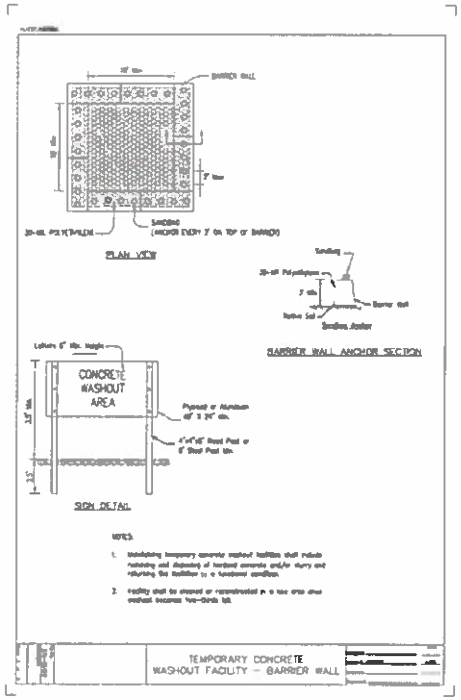
NO.	DATE	NATURE OF REVISION	CHKD.

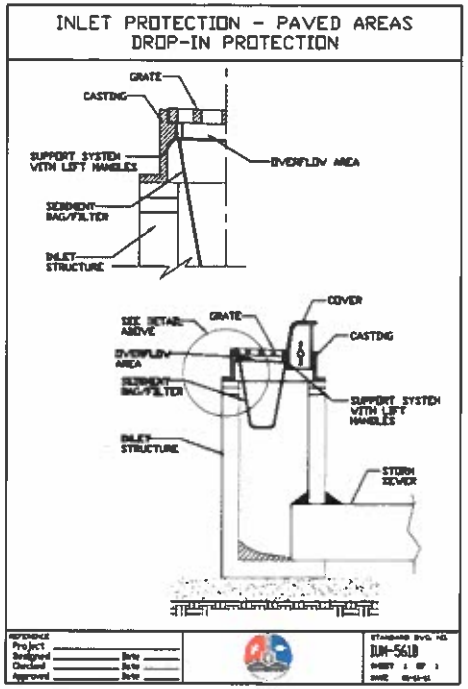
FILE NAME: M:\FORES\PARK\2023\8008\CIVIL\DET.2023BC08.02.DWG

DSGN.	
DWN.	
CHKD.	
SCALE:	20'
PLOT DATE:	7/21/2022
CAD USER:	toyabeak1
MODEL:	Default

TITLE: MWRD CONSTRUCTION DETAILS

PROJ. NO.	2023-BC08
DATE:	07/18/2022
SHEET 8 OF 18	
DRAWING NO.	8





SOIL EROSION AND SEDIMENT CONTROL PLAN

1. The existing land cover is paved concrete alley within a residential area. There are no flood protection areas, site discharge locations, or points of discharge to Jurisdictional Waters of the U.S. Soil data is included in the specifications and generally consists of CLAY.

2. A NPDES ILR-10 permit is not required since the project is located in a combined sewer area and no stormwater discharges are tributary to a waterway.

3. Erosion and sediment will be controlled by installing inlet filters on the proposed inlets and also on the existing adjacent downstream inlets, or as directed by the ENGINEER. The ENGINEER will inspect the inlet filters and other erosion control measures for conformity on a weekly basis or after an 0.5 inch rainfall or greater.

4. Schedule of Construction Activities
   a. Installation of erosion control devices (prior to any soil disturbance)
   b. Installation of storm sewer system
   c. Pavement removal and earth excavation
   d. Installation of geogrid and subbase material
   e. Pavement installation
   f. Driveway installation and restoration items
   g. Removal of erosion control devices

5. There are no flood protection areas in or adjacent to the project.

6. There are no stream crossings. Erosion and sediment control devices have been designed based on performance in past projects.

7. The erosion control devices will be inspected by the ENGINEER on a weekly basis or after an 0.5 inch rainfall or greater. Any issues will be communicated to the contractor who will have 48 hours to correct any deficiency.

8. The Contractor shall provide a contact for the implementation and maintenance of the site soil erosion and sediment control plan.

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CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

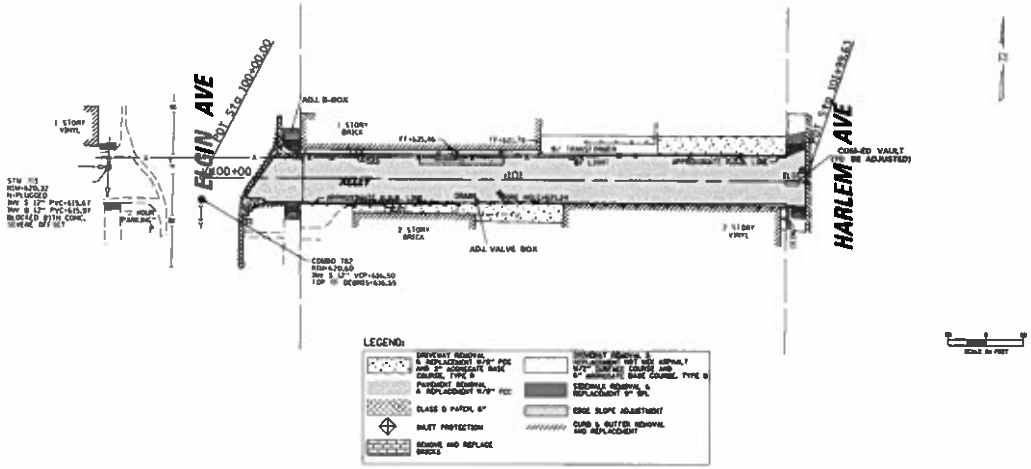
NO.	DATE	NATURE OF REVISION	CHKD.

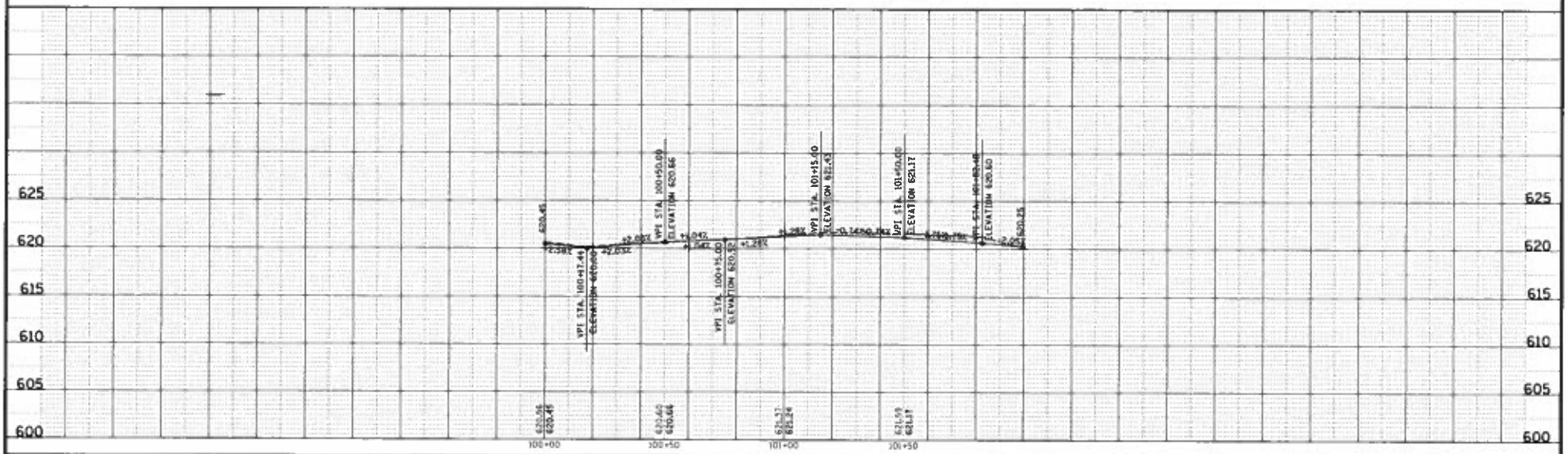
FILE NAME: N:\FOREST PARK\0023\8006\DWG\ESC.0023B006.DLSHT

DSGN.	
DWN.	
CHKD.	
SCALE:	20'
PLOT DATE:	7/21/2022
CAD USER:	Ydyaevski
MODEL:	Default

TITLE: MWRD CONSTRUCTION DETAILS

PROJ. NO.	0023.B6108
DATE:	07/18/2022
SHEET 9 OF 18	
DRAWING NO.	9





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Rosemont, Illinois 60018
(847) 823-0500

CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

NO.	DATE	NATURE OF REVISION	CHKD.

FILE NAME: W:\FOREST PARK\0023-BC108\CHB-BPP_BC108_SLD.DWG

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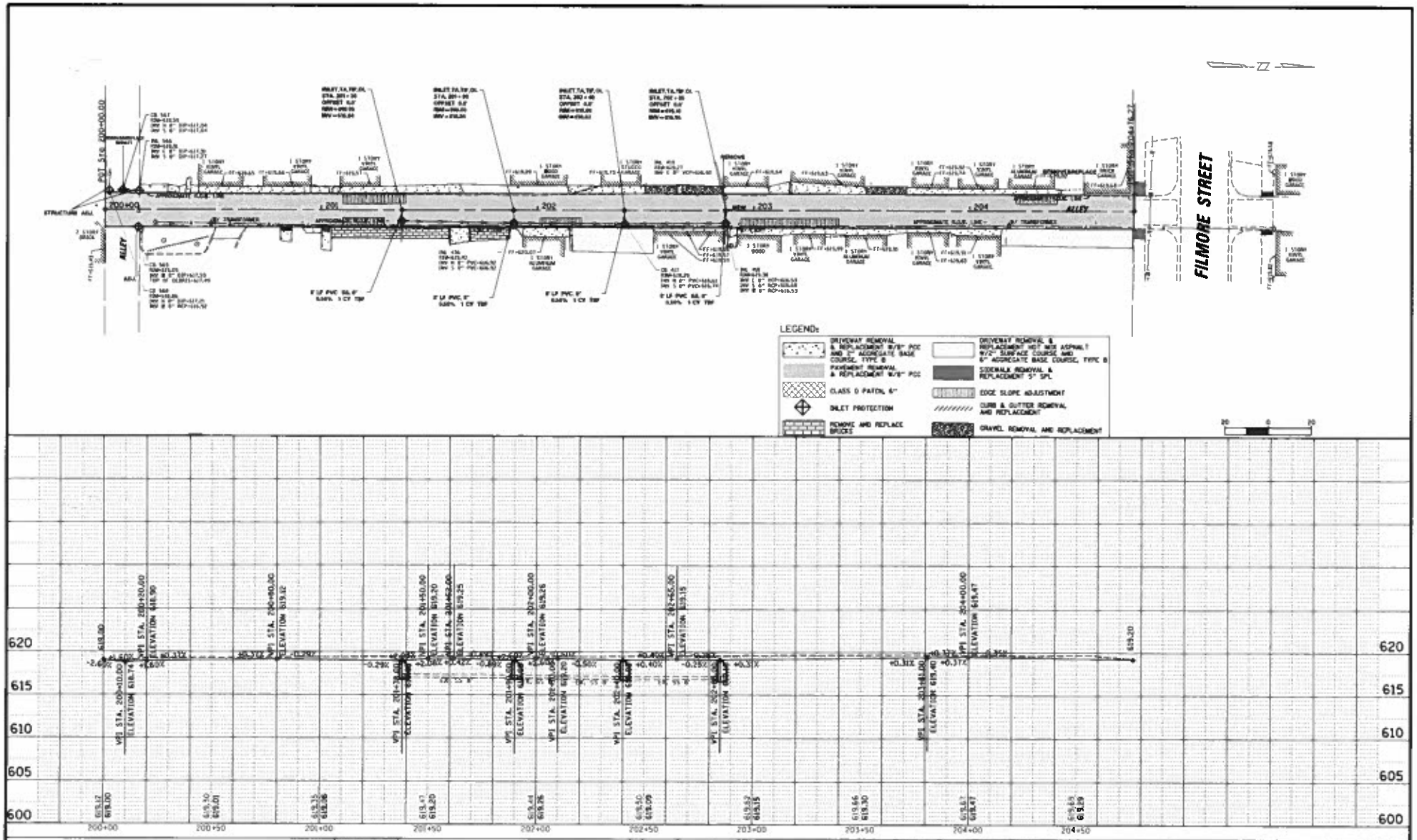
DWN.	
CHKD.	
SCALE:	20'
PLOT DATE:	7/21/2022
CAD USER:	Trujillo, Ed
MODEL:	Default

TITLE:

PLAN AND PROFILE
400 ELGIN–HARLEM

PROJ. NO.	0023.BC108
DATE:	07/18/2022
SHEET 10 OF 18	
DRAWING NO.	10



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9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

NO.	DATE	NATURE OF REVISION	CHKD.

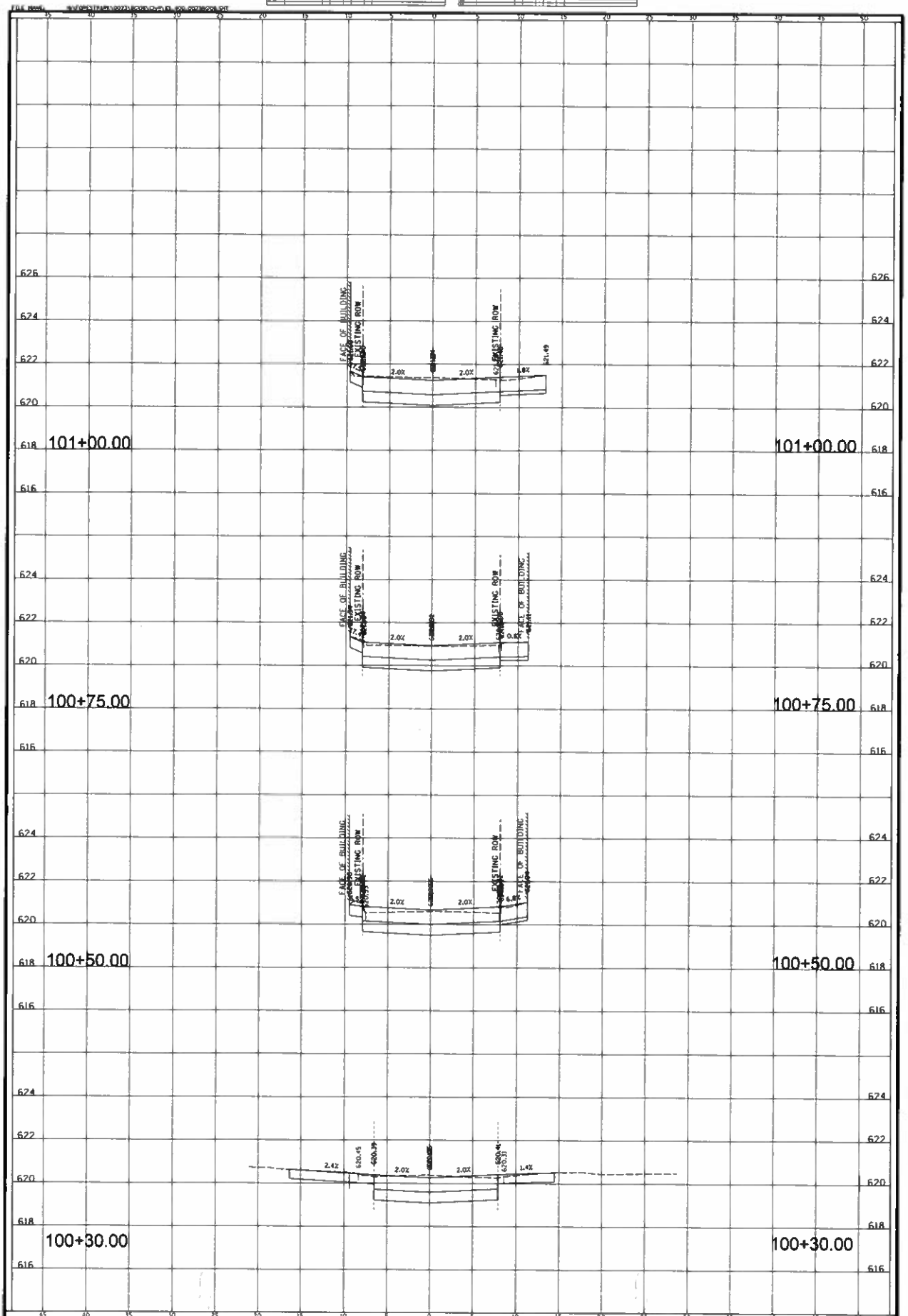
FILE NAME: W:\FOREST PARK\0027-0008\DWG\PP_0023B008_02.DWG

DSGN.
DWN.
CHKD.
SCALE: 20'
PLOT DATE: 7/21/2022
CAD USER: Krzysiewski
MODEL: Default

TITLE:

PLAN AND PROFILE
1100 ELGIN–HARLEM

PROJ. NO. 0023.B008
DATE: 07/08/2022
SHEET 11 OF 18
DRAWING NO. 11



CHRISTOPHER B. BURKE ENGINEERING, LTD.
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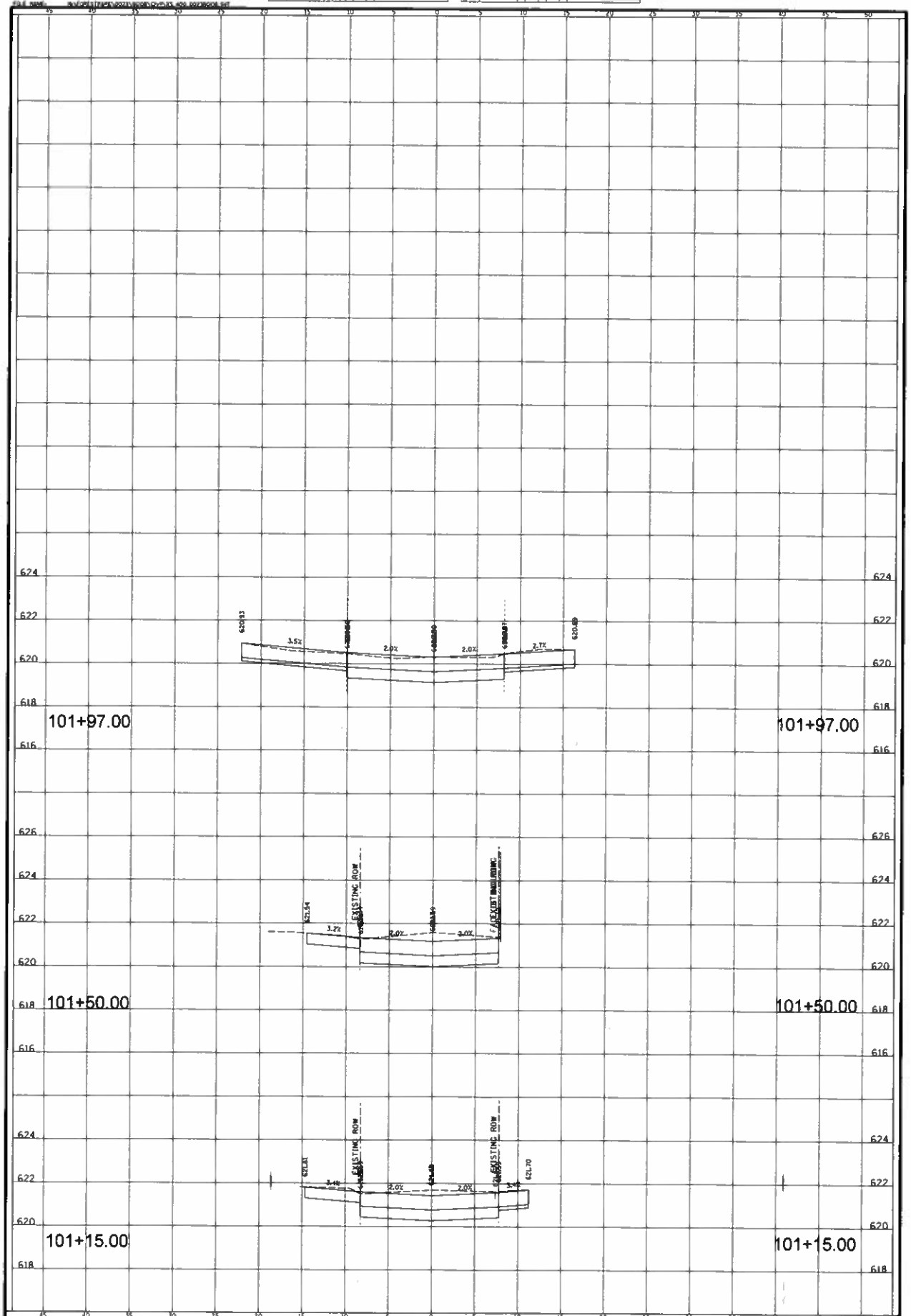
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	Teyslewski
MODEL:	DefaULT

TITLE:
400 ELGIN HARLEM
STA. 100+30.00 – STA. 101+00.00

PROJ. NO.	0023.BG108
DATE:	02/16/2022
SHEET	12 OF 16
DRAWING NO.	XS1



CHRISTOPHER B. BURKE ENGINEERING, LTD.
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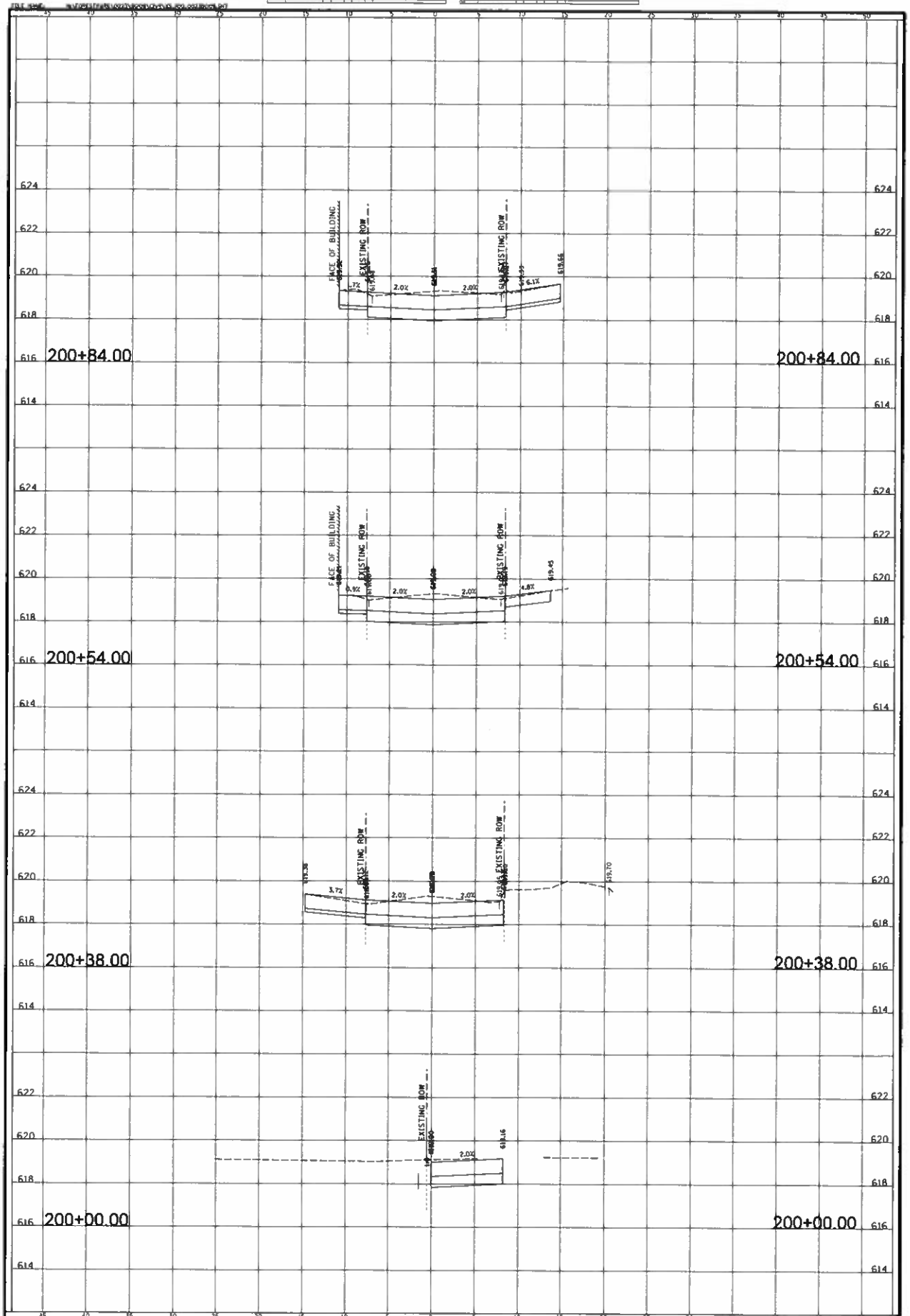
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	roysewski
MODEL:	Default

TITLE:
400 ELGIN HARLEM
STA. 101 + 15.00 – STA. 101 + 97.00

PROJ. NO.	0023.BG188
DATE:	07/18/2022
SHEET	13 OF 18
DRAWING NO.	XS2



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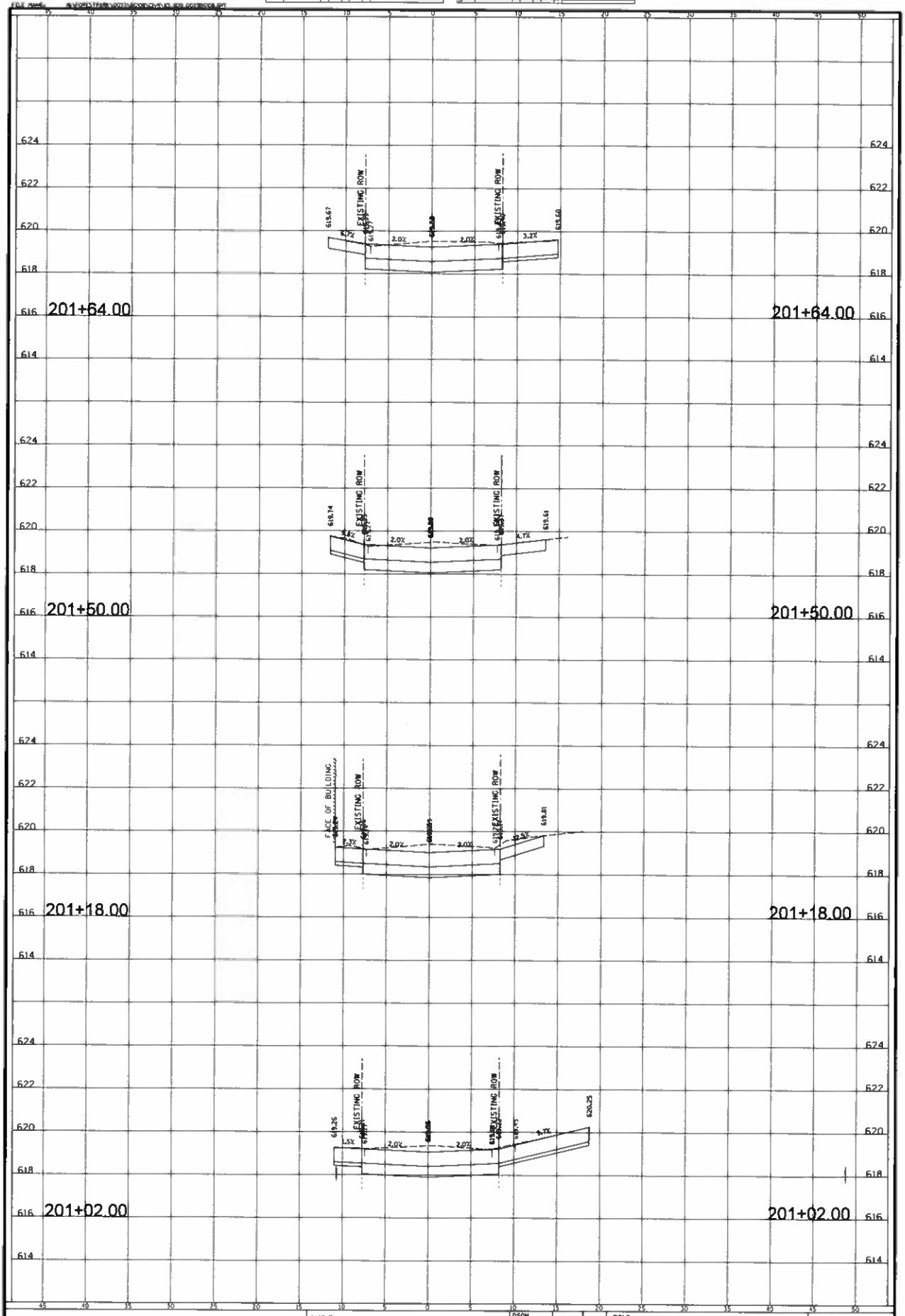
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	tgyawski
MODEL:	Default

TITLE:
1100 ELGIN–HARLEM
STA. 200+00.00 –STA. 200+84.00

PROJ. NO.	0023.06160
DATE:	07/18/2022
SHEET	14 OF 18
DRAWING NO.	XS1



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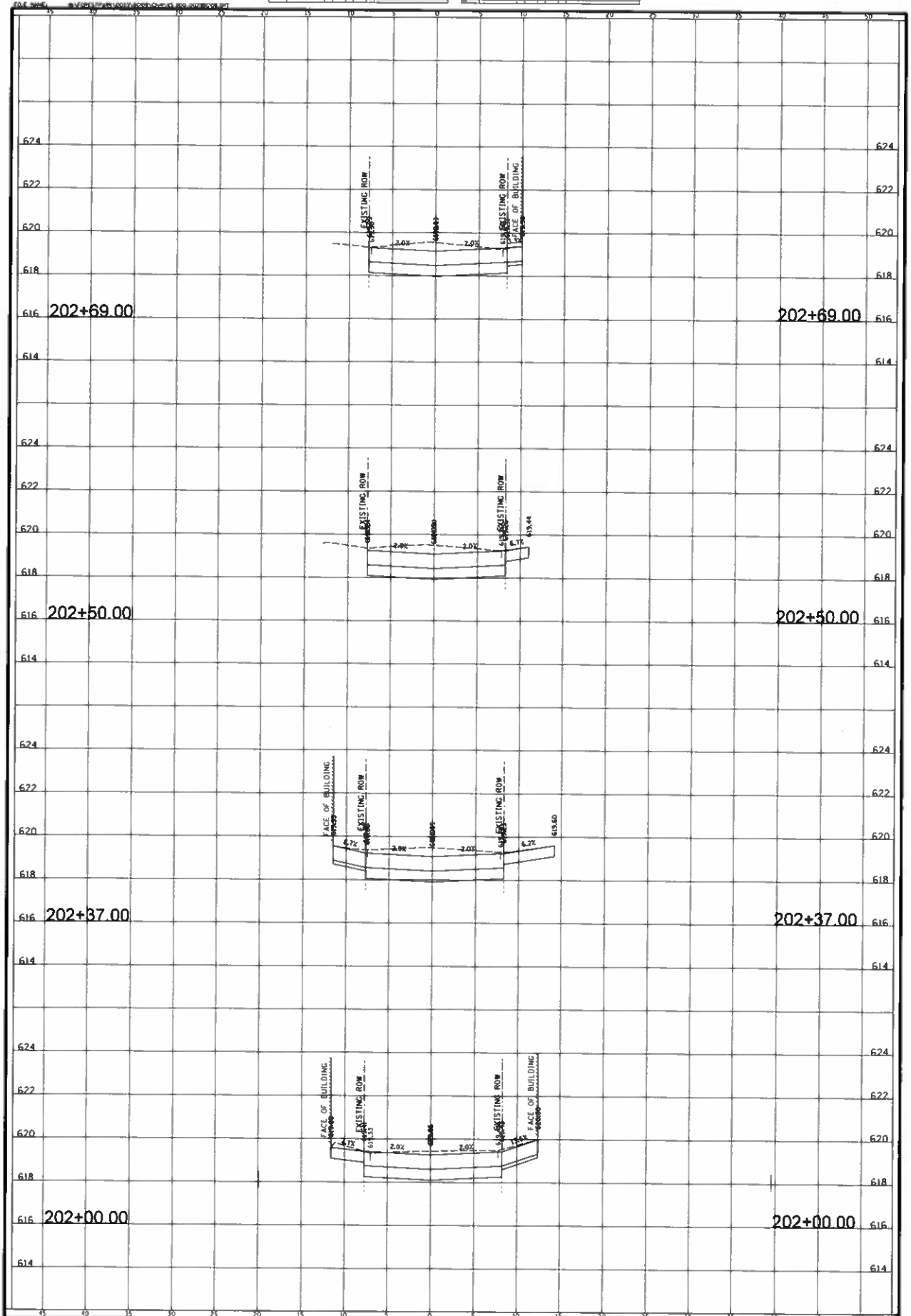
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	hoyoweki
MODEL:	Default

TITLE:
1100 ELGIN–HARLEM
STA. 201+02.00 –STA. 201+64.00

PROJ. NO.	0023.BG100
DATE:	07/18/2022
SHEET	15 OF 18
DRAWING NO.	XS2



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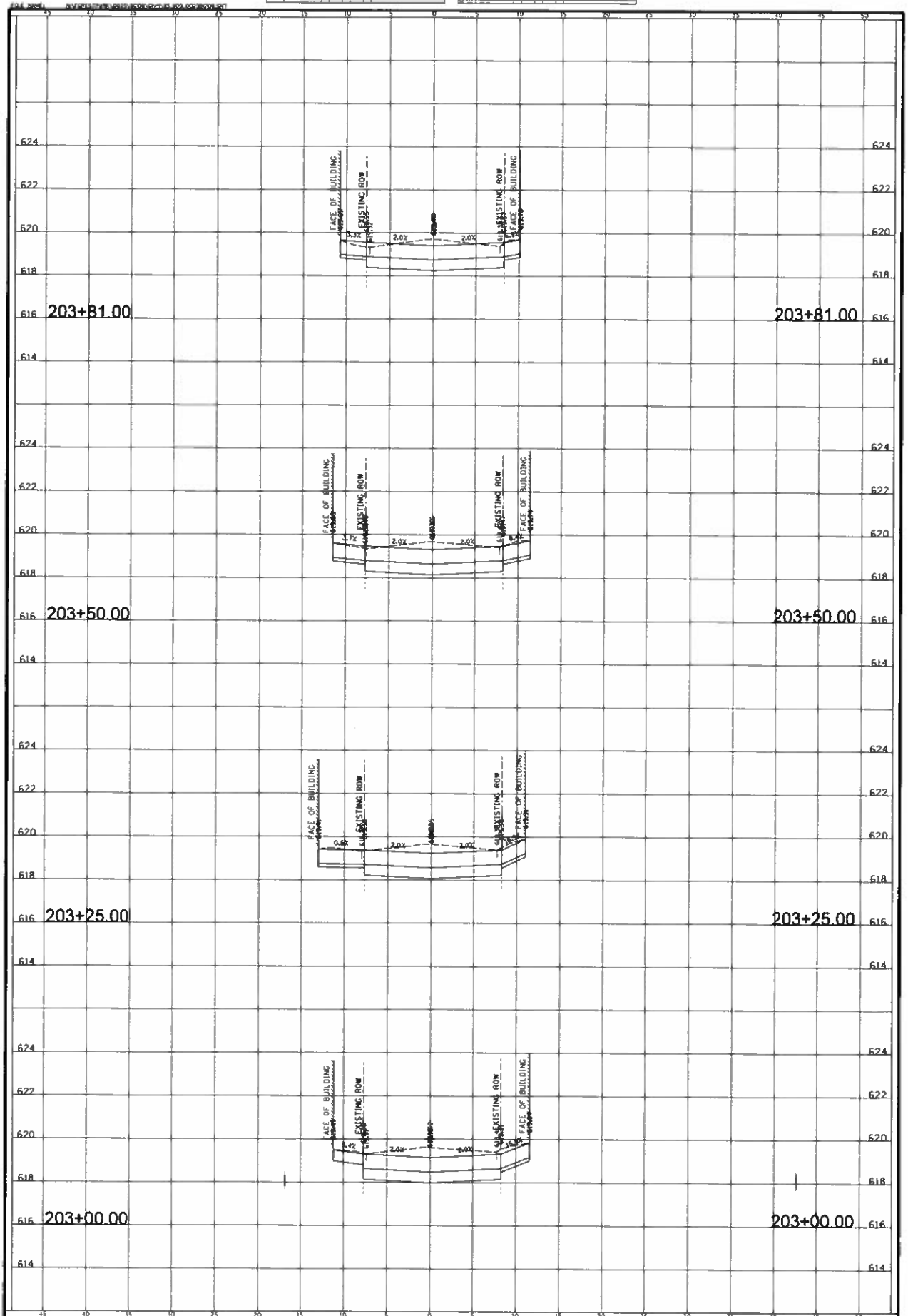
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	tayawadi
MODEL:	Default

TITLE:
1100 ELGIN-HARLEM
STA. 202+00.00 -STA. 202+69.00

PROJ. NO.	0023.BG108
DATE:	07/18/2022
SHEET	18 OF 18
DRAWING NO.	XS3



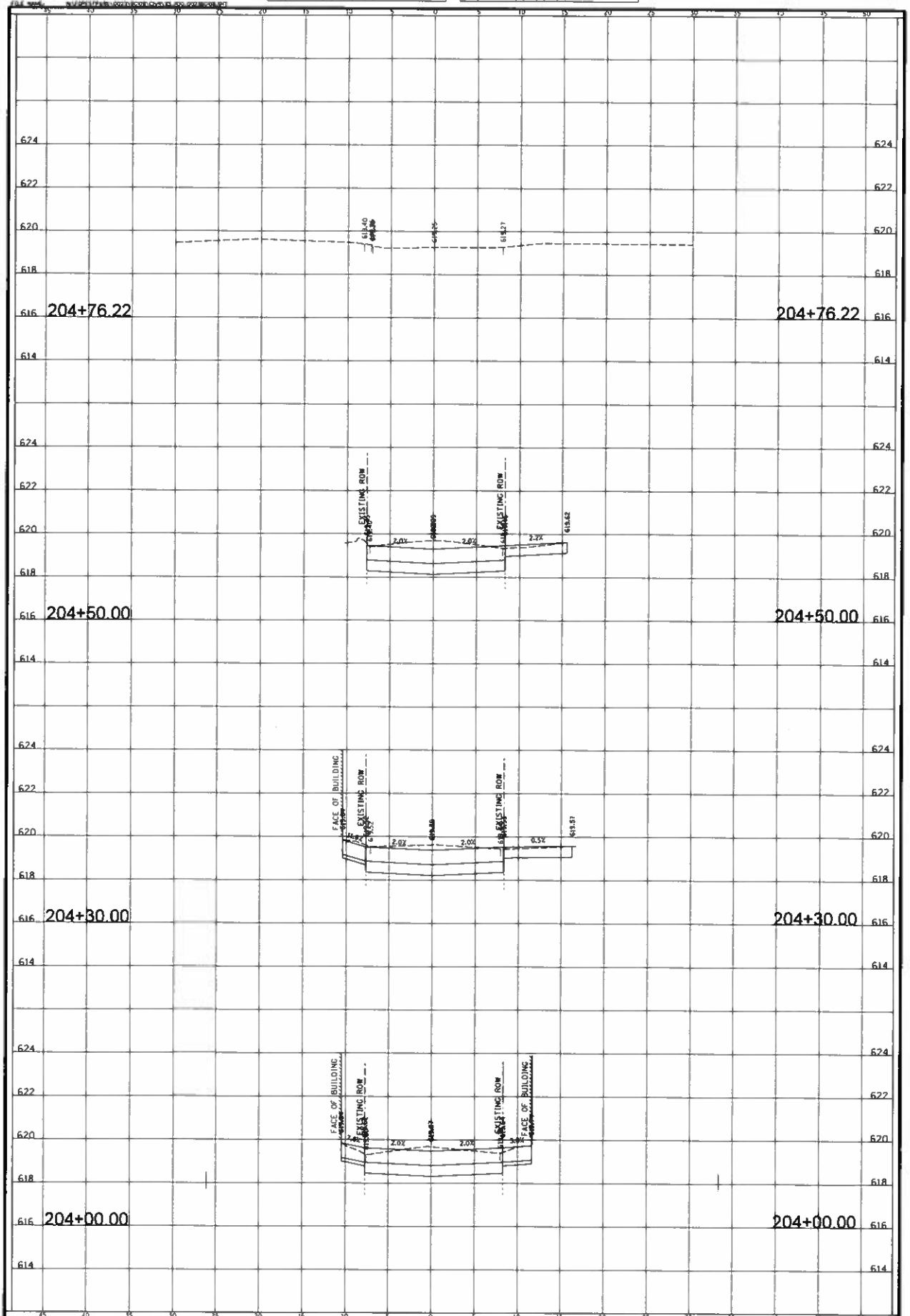
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:
VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	teyawadi
MODEL:	Default

TITLE:
1100 ELGIN–HARLEM
STA. 203+00.00 –STA. 203+81.00

PROJ. NO.	0023.BG100
DATE:	07/19/2022
SHEET	17 OF 18
DRAWING NO.	XS4



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Rosemont, Illinois 60018
(847) 823-0500

CLIENT: VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, ILLINOIS 60130

DSGN.	
DWN.	
CHKD.	
SCALE:	HORZ. 10 VERT. 5
PLOT DATE:	7/21/2022
CAD USER:	toyosawu
MODEL:	Default

TITLE: **1100 ELGIN–HARLEM**
STA. 204+00.00 –STA. 204+76.22

PROJ. NO.	0023.BG188
DATE:	07/19/2022
SHEET 18 OF 18	
DRAWING NO.	XS5

RETURN WITH BID

Formal Contract Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street		P.O. Box
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF COOK

VILLAGE OF FOREST PARK

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. 2022 ALLEY IMPROVEMENTS

SECTION NO. N/A

TYPES OF FUNDS LOCAL

☒ SPECIFICATIONS (required) ☒ PLANS (required)

NOT AN IDOT PROJECT

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County Cook
Local Public Agency Forest Park
Section Number NA
Route Various

Sealed proposals for the improvement described below will be received at the office of Village of Forest Park,
517 DesPlaines Ave, Forest Park, IL 60130 (Address) until 10:00 AM (Time) on August 30, 2022 (Date)

Sealed proposals will be opened and read publicly at the office of Village of Forest Park
517 DesPlaines Ave, Forest Park, IL 60130 (Address) at 10:00 AM (Time) on August 30, 2022 (Date)

DESCRIPTION OF WORK

Name 2022 Alley Improvements Length: 663.00 feet (0.13 miles)
Location 400 Block Alley Elgin-Harlem, 1100 Block Alley Elgin-Harlem
Proposed Improvement Reconstruction of alleys with Portland Cement Concrete Pavement, subbase granular material, storm sewer and drainage structures, driveway, curb and sidewalk removal and replacement.

1. Plans and proposal forms can be downloaded from http://cbbel.com/bidding-info/ or at www.questcdn.com
   Under Login using Quest CDN #XXXXXXX for a non-refundable charge of $30.00. A QuestCDN login will be required. Contact QuestCDN at 952-233-1632 or info@questcdn.com for assistance in membership registration and downloading this digital project information. A hard copy of the plans may also be viewed at CBBEL's offices located at 9575 W. Higgins Road, Suite 600, Rosemont, IL 60018. Contractors must purchase bid documents and be shown on the Bidder's Planholder list in order to bid. Bids received from contractors who are not in the Bidder's Planholder List will be rejected

2. ☐ Prequalification
   If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. BLR 12200: Local Public Agency Formal Contract Proposal
   b. BLR 12200a Schedule of Prices
   c. BLR 12230: Proposal Bid Bond (if applicable)
   d. BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)
   e. BLR 12326: Affidavit of Illinois Business Office

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

RETURN WITH BID

County Cook
Local Public Agency Forest Park
Section Number NA
Route Various

PROPOSAL

1. Proposal of _____

   for the improvement of the above section by the construction of PCC alley pavement

   a total distance of 663.00 feet, of which a distance of 663.00 feet, (0.130 miles) are to be improved.

2. The plans for the proposed work are those prepared by Christopher B. Burke, Engineering, Ltd. and approved by the Department of Transportation on _____

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within _____ working days or by 11/18/2022 unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, (5% of bid amount), will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

   Village of Forest Park Treasurer of _____

   The amount of the check is _____ (_____).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____.

8. The successful bidder at the time of execution of the contract _____ be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

RETURN WITH BID

SCHEDULE OF PRICES

County Cook
Local Public Agency Forest Park
Section NA
Route Various

2022 Alley Improvements

Item No.	Items	Unit	Quantity	Unit Price	Total
20200100	EARTH EXCAVATION	CY	442		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	45		
*20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY	45		
*20800250	TRENCH BACKFILL, SPECIAL (CA-7)	CY	5		
28000510	INLET FILTERS	EACH	8		
31101400	SUBBASE GRANULAR MATERIAL TYPE B, 6"	SY	1175		
*42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SY	1175		
*42001650	PAVEMENT FABRIC (SPECIAL)	SY	1175		
*42400430	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	SF	230		
44000600	SIDEWALK REMOVAL	SF	230		
*44004400	PAVEMENT REMOVAL (SPECIAL)	SY	1175		
5510300	STORM SEWER REMOVAL 8"	LF	8		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1		
60500050	REMOVING CATCH BASINS	EACH	2		
*70101700	TRAFFIC CONTROL AND PROTECTION	L. SUM	1		
*Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	20		
*Z0013798	CONSTRUCTION LAYOUT	L. SUM	1		
*XX003668	PRECONSTRUCTION VIDEO TAPING	L. SUM	1		
*N/A	BRICK DRIVEWAY REMOVAL AND REPLACEMENT	SY	50		
*N/A	CORED CONNECTION TO STRUCTURE / SEWER	EACH	4		
*N/A	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	218		
*N/A	DETECTABLE WARNINGS FOR PEDESTRIAN CROSSINGS, FURNISH AND INSTALL	EACH	4		
*N/A	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SY	230		
*N/A	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 8"	SY	270		
*N/A	STRUCTURE TO BE ADJUSTED	EACH	7		
*N/A	TENSAR GEOGRID	SY	1175		
*N/A	EDGE SLOPE ADJUSTMENT	LF	180		
*N/A	STORM SEWERS, 8" (SPECIAL)	LF	32		
*N/A	ITEMS ORDERED BY ENGINEER	DOLLAR	10000	$1.00	$10,000.00
			Bidder's Proposal for making Entire Improvements		

Total Amount in Words

RETURN WITH BID

CONTRACTOR CERTIFICATIONS

County	COOK
Local Public Agency	FOREST PARK
Section Number	NA
Route	VARIOUS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Deliquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

   A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

   A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

County COOK
Local Public Agency FOREST PARK
Section Number NA
Route VARIOUS

SIGNATURES

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners _____

(If a corporation)

Corporate Name _____

Signed By _____
President

Business Address _____

Insert Names of Officers
President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary

Local Agency Proposal Bid Bond

Route VARIOUS
County COOK
Local Agency FOREST PARK
Section NA

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,

and _____ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____

Principal

_____ (Company Name)

By: _____ (Signature and Title)

_____ (Company Name)

By: _____ (Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____

I, _____, a Notary Public in and for said county,
do hereby certify that _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____

My commission expires _____ _____ (Notary Public)

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

_____ (Company/Bidder Name)

_____ (Signature and Title)

_____ Date

BLR 12230 (Rev. 7/05

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TAB 1

SPECIAL PROVISIONS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022 (hereinafter referred to as the "Standard Specifications"); the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for bids; and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein; all of which apply to and govern the construction of:

Village of Forest Park 2022 Alley Improvements for the Village of Forest Park, Illinois.

These special provisions included herein apply to and govern the proposed improvement designated as **2022 Alley Improvements** and in case of conflict with any part or parts of said specifications, said special provisions shall take precedent and shall govern.

Location of Improvement

This improvement is located on the **400 Block Alley Elgin-Harlem, 1100 Block Alley Elgin-Harlem,** in the Village of Forest Park, Cook County, Illinois.

Description of Improvement

The proposed work on the alley includes Portland Cement Concrete Pavement, subbase granular material, storm sewer and drainage structures, driveway removal and replacement, curb and gutter removal and replacement, and PCC sidewalk.

COMPLETION DATE

The project shall be completed by November 18, 2022.

DEFINITION OF TERMS

In addition to the definitions included in Section 101 of the "Standard Specifications for Road and Bridge Construction", the following should be added:

Engineer – shall be the firm of Christopher B. Burke Engineering, Ltd. as Engineer employed by the Owner.

Village – shall be the Village of Forest Park.

Owner – shall be the Village of Forest Park.

Municipality – shall be the Village of Forest Park.

Department – shall be the Village of Forest Park.

INSURANCE REQUIREMENTS

The Contractor shall follow Section 107 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. The insurance shall also name the Village of Forest Park and Christopher B. Burke Engineering, Ltd. as additional insured.

MAINTENANCE OF EXISTING UTILITIES

The Contractor shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace same at his own expense and with the least possible delay. The Contractor shall give prior notification to the utility companies of his intention to begin work. He shall also call J.U.L.I.E. at 1-800-892-0123 and the Village to mark the location of underground utilities.

UTILITY POLES AND UTILITY VAULTS

The Contractor shall coordinate with the utility company so the project can be completed with no additional working days allowed for the coordination. This coordination shall be considered incidental to the Contract.

TRENCH BACKFILL, SPECIAL (CA-7)

The provisions of Section 208 of the "Standard Specifications for Road and Bridge Construction" shall be modified such that the material used for trench backfill shall be CA-7 coarse aggregate. The trench backfill shall be compacted only by Method 1 as defined in Article 550.07 of the Standard Specifications.

This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL, SPECIAL (CA-7) which price shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified. The quantity of trench backfill for payment shall be determined by using the method of measurement defined in Article 208.03 (b) of the Standard Specifications.

PORTLAND CEMENT CONCRETE PAVEMENT, 8"

Description: Constructing PORTLAND CEMENT CONCRETE PAVEMENT on a granular subbase in accordance with Section 420 of the STANDARD SPECIFICATIONS the details shown on the plans, and as specified herein.

Materials: IDOT Class PV Concrete; Section 1020. All other materials in accordance with Section 420.

Construction Requirements: Transverse contraction joints shall be sawed at a maximum of 12 foot intervals. All contraction joints shall be saw-cut within a 6 to 18 hour period following the placing of the concrete.

The surface of the pavement shall have a broom finish and a protective coating and shall be covered, protected, and allowed to cure for a period of no less that seven (7) days before allowing vehicles to travel on the pavement.

Utility poles located along the edges of the alley right-of-way shall be boxed out of the pavement, where necessary, with a rectangular opening measuring 18" in length and 12" in width.

Basis of Payment: Payment for this item shall be at the Contract unit price per Square Yard for PORTLAND CEMENT CONCRETE PAVEMENT, 8". This price shall include all costs for fine grading and sub-grade preparation for the placement of concrete, furnishing and placing the concrete, sawing the contraction joints, boxing out the utility poles, longitudinal and transverse tie bars, brooming the proper finish, and all other labor, materials, and equipment necessary to properly construct this item in accordance with the Plans and Specifications.

PAVEMENT FABRIC (SPECIAL)

Description: All work shall be done in accordance with Section 420 of the Standard Specification. The work shall consist of furnishing and installing welded wire fabric 6x12-W6.5W4.0 in the PORTLAND CEMENT CONCRETE PAVEMENT, 8" pavement as shown on the plans.

Method of Measurement: In accordance with Article 420.22 of the STANDARD SPECIFICIATIONS.

Basis of Payment: In accordance with Article 420.23 of the STANDARD SPECIFICATIONS.

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL

424.01 Description. This work shall consist of placing portland cement concrete sidewalk on a compacted subbase and shall be performed in accordance with Sections 311 and 424 of the STANDARD SPECIFICATIONS with the following alterations.

424.04-424.10 Construction Requirements. Sidewalks shall be placed on 2-inches of Subbase Granular Material, Type B. Expansion joints shall be placed at intervals of not more than 50 feet. At driveway apron locations, the depth of concrete shall be increased to 7-inches. All required excavation shall be included.

424.11 Method of Measurement. Portland cement concrete sidewalk will be measured for payment in place, and the area computed in square feet.

424.12 Basis of Payment. This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL, which price shall include all required expansion joints, special texturing, variable height edge treatment at sidewalk ramps, additional thickness at driveway aprons, compacted subbase granular material, and required excavation.

PAVEMENT REMOVAL (SPECIAL)

440.01 Description: This work shall consist of the removal and satisfactory disposal of the existing pavement including all pavement structure and existing granular subbase. This work shall be in conformance with applicable provisions of Section 440 of the STANDARD SPECIFICATIONS and as specified herein.

440.02 Construction Requirements: The depth of existing pavement to be removed shall be considered to be 8 inches.

440.07-440.08 Method of Measurement and Basis of Payment: This Work will be measured and paid at the contract unit price per square yard for PAVEMENT REMOVAL (SPECIAL). All material that is more than 8 inches below existing pavement that is to be removed will be measured and paid for separately as Earth Excavation.

TRAFFIC CONTROL AND PROTECTION

The Traffic Control and Protection shall meet the requirements of Article 701, Work Zone Traffic Control and Article 702, Work Zone Traffic Control Devices of the Standard Specifications for Road and Bridge Construction adopted January 1, 1997.

"701.01 Description" shall be replaced with the following:

701.01 Description
This item of work shall include furnishing, installing, maintaining, replacing, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic during the construction or maintenance of this improvement.

Traffic Control and Protection shall be provided as called for in the Plans, these Special Provisions, applicable Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through the construction zone. The Contractor shall arrange his operations to keep the closing of any lane of the roadway to a minimum.

Traffic Control Devices include signs and their supports, signals, pavement markings, barricades with sand bags, channelized devices, warning lights, arrow boards, flaggers, or any other device used for the purpose of regulating, detouring, warning or guiding traffic through or around the construction zone.

"701.04 General," section "(b)" paragraph 4 shall be replaced with the following:

The Contractor is required to conduct routine inspections of the work site at a frequency that will allow for the timely replacement of any traffic control device that has become displaced, worn or damaged to the extent that it no longer conforms to the shape, dimensions, color and operational requirements of the MUTCD, the Traffic Control Standards or will no longer present a neat appearance to motorists. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.

The Contractor shall be responsible for the proper location, installation and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignments consistent with barricade placement at all times. The Contractor shall immediately remove, cover or turn from view of the motorists all traffic control devices which are inconsistent with detour or lane assignment patterns and conflicting conditions during the transition from one construction stage to another. When the Contractor elects to cover conflicting or inappropriate signing, materials used shall totally block out

reflectivity of the sign and shall cover the entire sign. The method used for covering the signing shall meet with the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor shall remove all traffic control devices which were furnished, installed and maintained by him under this contract, and such devices shall remain the property of the Contractor. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The Contractor shall ensure that all traffic control devices installed by him are operational, functional and effective 24-hours a day, including Sundays and holidays.

"701.04 General" shall be modified by adding the following section:

(G) PUBLIC SAFETY AND CONVENIENCE:

The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour a day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall dispatch men, materials, and equipment to correct any such deficiencies. The Contractor shall respond to any call from the Village or its representative concerning any request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.

Personal vehicles shall not park within the right-of-way except in specific areas designated by the Engineer. All roads shall remain open to traffic, the Contractor, may close one lane due to construction only between the hours of 9:00 a.m. and 3:00 p.m. on two lane roads, and shall maintain at least one lane in each direction on four or more lane roads, during the construction of this project. The Contractor shall also maintain entrances and side roads along the proposed improvement. Interference with traffic movements and inconvenience to owners of abutting property and the public shall be kept to a minimum. Any delays or inconveniences caused by the Contractor by complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed.

On two lane roads, the Contractor is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

On four or more lane highways, there shall be no open holes in the pavement being used by the traveling public. Lane closures, if allowed, will be in accordance with the applicable standards, any staging details shown in the plans and other applicable contract documents.

The Contractor shall remove all equipment from the shoulders and medians after work hours.

No road closures or restrictions shall be permitted except those covered by Standard Designs without written approval by the Engineer.

"701.04 General" shall be modified by adding the following section:

(H) DEFICIENCY CHARGE:

The primary concern of the Village is to maintain a safe travel way for the public and a safe Environment for the worker in the construction zone. The Contractor is expected to comply with the Standard Specifications, contract plans, these Special Provisions, and directions from the Engineer concerning traffic control protection. The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour a day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall immediately respond correcting traffic control deficiencies by dispatching men, materials and equipment to correct such deficiencies.

If the Contractor fails to begin corrections to the traffic control deficiencies within two (2) hours of the initial attempt of notification by the Village or its representative or fails to restore the traffic control and protection compliance with the specifications within eight (8) hours of the original attempt of notification, the Engineer may execute such work as deemed necessary to correct the deficiencies. The cost thereof shall be deducted from monies due or which may be due the Contractor.

Failure to comply with directions from the Engineer for corrections or modifications to the traffic control and protection will result in a charge of $500.00 per calendar day. This charge is separate from the cost of any corrective work ordered. The contractor shall not be relieved of any contractual responsibilities by the Village's action.

"701.07 Method of Measurement" is replaced in its entirety by the following:

701.07 METHOD OF MEASUREMENT
These items of work will be measured on a lump sum basis for furnishing, installing, maintaining, replacing, relocating and removing the traffic control devices required in the Plans and these Special Provisions.

"701.08 Basis of Payment" is replaced in its entirety by the following:

701.08 BASIS OF PAYMENT
This work will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, which shall be payment in full for all labor, materials, transportation, and

incidentals necessary to furnish, install, maintain, replace, relocate and remove all traffic control devices indicated in the Plans and Specifications.

The salvage value of the materials removed shall be reflected in the bid price for this item. Delays to the Contractor caused by complying with these requirements will be considered incidental to the item for Traffic Control and Protection, and no additional compensation will be allowed.

If the Engineer, shall require additional traffic control to be installed in accordance with standards and/or designs other that those included in the Plans. The standards and/or designs will be made available to the Contractor at least one week in advance of the change in traffic control. Payment for any additional traffic control required will be in accordance with Article 109.04 of the Standard Specifications. Revisions in the phasing of construction or maintenance operations, requested by the Contractor, may require traffic control to be installed in accordance with standards and/or designs other than those included in the plans. Revisions or modifications to the traffic control shown on the contract shall be submitted by the Contractor for approval by the Engineer. No additional payment will be made for a Contractor requested modification. In the event the sum total value of all work items for which traffic control and protection is required is increased or decreased by more than ten percent (10%), the contract bid price for Traffic Control and Protection will be adjusted as follows:

Adjusted contract price = .25P + .75P [1 +(X-0. 1)]

Where "P' is the contract price for Traffic Control and Protection

Difference between original and final sum total value of all work items for which traffic

Where "X"= control and protection is required.

Original sum total value of all work for which traffic control and protection is required.

The value of the work items used in calculating the increase and decrease will include only items which have been added to or deducted from the contract under Article 104.02 of the Standard Specifications and only items which require use of Traffic Control and Protection.

In the event the Department cancels or alters any portion of the contract which results in elimination or noncompletion of any portion of the work, payment for partially completed work will be made in accordance with Article 104.02 of the Standard Specifications.

"702.03 Channeling Devices" section "(b)", paragraph 1 shall be replaced with the following:

(b) Barricades

Type 1 and Type 1 A Barricades are intended for use on lower speed roads and shall not be used where the normal posted speed limit is 45 m.p.h. or greater. The normal posted speed limit for construction area is 40 m.p.h. Type 1 and Type 2 Barricades shall not be intermixed within an individual string of barricades. Type 3 Barricades shall be used for road and lane closures and shall not be used for channelization or delineation.

Any drop off greater than 75 mm (three inches), but less than 150 mm (six inches), within 2.5 m (eight feet) of the pavement edge shall be protected by Type 1 or 2 barricades equipped with mono-directional steady burn lights at 30 m (100 foot) center to center spacing. If the drop off within 2.5m (eight feet) of the pavement edge exceeds 150 mm (six inches), the barricades mentioned above shall be paced at 15 m (50 foot) center to center spacing. Barricades that must be placed in excavated areas shall have a leg extension installed such that the top of the barricade is in compliance with the height requirements of Standard 702001.

All Type 1 and Type 2 barricades, shall be equipped with a steady burn light when used during hours of darkness unless otherwise stated herein.

Check barricades shall be placed in work areas perpendicular to traffic every 300 m (1,000 feet), one per lane and per shoulder, to prevent motorists from using work areas as a traveled way. Two additional check barricades shall be placed in advance of each patch excavation or any other hazard in the work area, the first at the edge of the open traffic lane and the second centered in the closed lane. Check barricades shall be Type 1 or 2 and equipped with a flashing light.

"702.03 Channeling Devices" section "(c)" Vertical Panels, add the following:

All vertical panels shall be equipped with a steady burn light when used during the hours of darkness unless otherwise stated herein or in the Plans.

"702.05 Signs" section "(a)" add as paragraph 7:

Construction signs referring to daytime lane closures during working hours shall be removed, covered, or turned away from the view of the motorists during non-working hours.

AGGREGATE FOR TEMPORARY ACCESS

Description: This work shall consist of the construction and maintenance of an aggregate base course for maintaining access to intersecting streets and driveways as specified in Article 107.09 of the STANDARD SPECIFICATIONS. The CONTRACTOR shall provide access for all emergency vehicles and school buses, and to all abutting properties at all times during construction.

Construction Requirements: The CONTRACTOR shall maintain ingress and egress to all abutting properties during construction operations. Temporary driveways and entrances shall be constructed of aggregate in accordance with the applicable portions of Section 351 of the STANDARD SPECIFICATIONS and to the dimensions determined by the ENGINEER. The coarse aggregate shall be crushed stone or crushed gravel, gradation CA-6.

Maintenance shall consist of placing and compacting additional aggregate of the same type and gradation as the base aggregate.

After these driveway aprons have served their purpose, the suitable aggregate shall be removed, and, at the direction and approval of the ENGINEER, utilized for other purposes, such as granular subbase, aggregate base course, and embankment construction or other driveway aprons or otherwise disposed of as specified in Article 202.03 of the STANDARD SPECIFICATIONS.

Method of Measurement, and Basis of Payment: This work will be paid for at the contract unit price per ton for AGGREGATE FOR TEMPORARY ACCESS which price shall be payment in full for furnishing, transporting, placing, maintaining and removing, reusing or disposing of the aggregate, as herein specified and as directed by the ENGINEER.

Payment for aggregate will be determined by weight tickets and will be paid for its initial use only regardless of the number of times the aggregate is moved.

CONSTRUCTION LAYOUT

The CONTRACTOR shall be required to furnish and place construction layout stakes for this project. The ENGINEER will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans and listed herein. Any additional control points set by the ENGINEER will be identified in the field to the CONTRACTOR and all field notes will be kept in the office of the ENGINEER.

The CONTRACTOR shall provide field forces, equipment and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade of pavement and/or curb shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The CONTRACTOR shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection of checking of the CONTRACTOR'S layout by the ENGINEER and the acceptance of all or any part of it shall not relieve the CONTRACTOR of his/her responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The CONTRACTOR shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the ENGINEER

a. The ENGINEER will locate and reference the control points for the project.

   Locating and referencing the centerline of survey will consist of establishing and referencing the control points shown on the plans.

b. Benchmarks will be established along the project outside of the construction lines not exceeding 300 m (1,000 ft.) intervals horizontally and 6 m (20 ft.) Vertically.

c. Stakes set for (a) and (b) above will be identified in the field to the CONTRACTOR.

d. The ENGINEER will make random checks of the CONTRACTOR'S staking to determine if the work is in substantial conformance with the plans. Where the CONTRACTOR'S work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.

e. The ENGINEER will set all stakes for utility adjustment for building fences along the right of way line by parties other than the CONTRACTOR.

f. The ENGINEER will make all arrangements and take all cross sections from which the various pay items are to be measured.

g. Where the CONTRACTOR, in setting construction stakes, discovers discrepancies, the ENGINEER will check to determine their nature and make whatever revisions are necessary in the plans, including the recross sectioning of the area involved. Any additional restaking required by the ENGINEER will be the responsibility of the CONTRACTOR. The additional restaking done by the CONTRACTOR will be paid for in accordance with 109.04 of the STANDARD SPECIFICATIONS.

h. The ENGINEER will accept responsibility for the accuracy of the initial control points as provided herein.

i. It is not the responsibility of the ENGINEER, except as provided herein, to check the correctness of the CONTRACTOR'S stakes; however, any errors that are apparent will be immediately called to the Contractor's attention and s(he) shall be required to make the necessary correction before the stakes are used for construction purposes.

j. Where the plan quantities for excavation are to be used as the final pay quantities, the ENGINEER will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

Responsibility of the CONTRACTOR

a. The CONTRACTOR shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. S(he) shall provide the ENGINEER adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.

It is the CONTRACTOR'S responsibility to tie in centerline control points in order to preserve them during construction operations.

At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.

c. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the ENGINEER at the completion of the project. All notes shall be neat, orderly and in accepted form.

d. For highway structure staking, the CONTRACTOR shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction accuracy. Prior to the beginning of construction activities, all structure

centerlines and pier lines are to be established by the CONTRACTOR and checked by the engineer. The CONTRACTOR shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

Measurement and Payment: This item will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT, which prices shall be payment in full for all services, materials, labor and other items required to complete the work.

PRECONSTRUCTION VIDEO TAPING

Description. The Contractor shall prepare pre construction video documentation of all features in the area affected by construction. All video camera, recorders, tapes, accessories, and appurtenances shall be in high quality DVD format equipment. Pre construction video documentation shall consist of a series of high resolution color audio-video tapes showing all areas affected by construction. Two (2) copies are to be provided to the ENGINEER.

Construction Requirements. All pertinent exterior features within the construction's zone of influence shall be shown in sufficient detail to document its pre construction. Features to be shown shall include but not be limited to pavements, curbs, driveways, sidewalks, retaining walls, buildings, landscaping trees, shrubbery, fences, light posts, etc. View orientation shall be maintained by audio landscaping, trees, shrubbery, fences, light posts, etc. View orientation shall be maintained by audio commentary on the audio track of each video tape to help explain what is being viewed. The Contractor will be held liable for any damages that are not shown on the pre-construction video tapes.

Basis for Payment. The pre-construction video taping shall be completed and copies of the tapes submitted to the Village for approval before commencing mobilization and/or construction activities. This work shall be paid for at the contract lump sum price for PRE CONSTRUCTION VIDEO TAPING. No progress payments will be processed until the pre construction video tape has been received and approved by the Village.

BRICK DRIVEWAY REMOVAL AND REPLACEMENT

Description. This work shall consist of removing existing brick driveway or pavement, and replacement with the same materials. If the brick materials are damaged in the construction process, replacement bricks will be provided by the contractor at no additional cost.

Basis for Payment. This work will be paid for at the contract unit price per SQUARE YARD for BRICK DRIVEWAY REMOVAL AND REPLACEMENT which shall include all labor, material and equipment necessary to complete the work.

CORED CONNECTION TO STRUCTURE / SEWER

Description. This work shall consist of connecting proposed sewer to an existing structure or sewer. The connection shall be cored and shall have a resilient connector conforming to ASTM C-923.

Basis for Payment. This work will be paid for at the contract unit price per each for CORED CONNECTION TO STRUCTURE / SEWER which shall include all labor, material and equipment necessary to connect the proposed sewer to the existing structure / sewer.

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)

This work consists of removing and disposing of the existing curb and gutter which is broken, otherwise damaged, or required for construction of ramped sidewalk for the handicapped or storm sewer construction, and the replacement with new curb and gutter of a type similar to that which is existing, in accordance with the applicable portions of Sections 606 and 440 of the Standard Specifications and as directed by the Engineer.

The Contractor shall machine-saw a perpendicular clean joint between that portion of the curb and gutter to be removed and that which is to remain in place. If the Contractor removes or damages the existing curb and gutter outside the limits designated by the Engineer for removal and replacement, he will be required to remove and replace that portion at this own expense to the satisfaction of the Engineer.

This work will be paid for at the contract unit price per linear foot for COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) which shall include all labor, material and equipment necessary to remove and replace the curb and gutter including the saw cutting, as specified herein.

DETECTABLE WARNINGS FOR PEDESTRIAN CROSSINGS, FURNISH AND INSTALL

Description

1. This work shall consist of furnishing and installing prefabricated detectable warning panels from approved material suppliers in the new Portland Cement Concrete (PCC) sidewalk at locations as directed by the OWNER. The detectable warning panels shall be the "cast-in-place" model.

Materials

2. Approved material suppliers are as follows:

    a. Armor-Tile Tactile Systems. www.armor-tile.com
    b. ADA Solutions. www.adatile.com (Composite Panel Paver System)
    c. Detectile Corporation. www.detectile.com
    d. Or approved equal.

    The Contractor shall be responsible for furnishing the specified number of detectable warning panels from the approved list of material suppliers. Prior to purchasing the detectable warnings, the Contractor shall submit for review and approval by the OWNER the proposed product information consisting of the following:

    a. Manufacturer's certification stating the product is fully compliant with the ADAAG.
    b. Manufacturer's five year warranty.
    c. Manufacturer's specifications including the required materials, equipment, and installation procedures. Products that are colored shall be colored their entire thickness.
    d. Color chart (color to be determined by the OWNER).
    e. Sample Product Panel (24"x60").

    The detectable warning panels to be purchased shall be 24"x60". Any damaged panel shall be rejected and shall be replaced at no additional expense to the Owner.

Construction Requirements

3. The Contractor shall install the panels in accordance with the manufacturer's recommendations and details. The panels shall be installed during the construction of the new PCC sidewalk and shall be an integral part of the walking surface. The top of the panel shall be flush with the surface of the sidewalk and only the actual domes shall project above the walking surface.

The detectable warning panels shall be installed at curb ramps, medians and pedestrian refuge islands, at-grade railroad crossings, transit platform edges, and other locations where pedestrians are required to cross a hazardous vehicular way. Detectable warnings shall also be installed at alleys and commercial entrances when permanent traffic control devices are present.

Method of Measurement and Basis of Payment

4. This work will be measured and paid for at the contract unit price per each for DETECTABLE WARNINGS FOR PEDESTRIAN CROSSINGS, FURNISH AND INSTALL which work includes furnishing and installing the detectable warning per the manufacturer's recommendations and as described herein.

HMA DRIVEWAY REMOVAL AND REPLACEMENT

Description: This work shall consist of the removal and disposal of existing Hot Mix Asphalt driveway pavement and the construction of new driveway pavement at locations stated in the specifications, or as directed by the ENGINEER, in accordance with Sections 301, 351, 406 and 423 of the STANDARD SPECIFICATIONS, special provisions for Hot Mix Asphalt Non QC/QA, the details shown in the specifications and as directed by the ENGINEER.

Construction Requirements: The Contractor shall machine-saw a perpendicular clean joint between that portion of the driveway to be removed and that which is going to remain in place. If the Contractor removes or damages the existing driveway outside the limits designated by the Engineer for removal and replacement, he will be required to remove and replace that portion at his own expense to the satisfaction of the Engineer.

In addition, the CONTRACTOR shall place embankment or excavate in accordance with Sections 202 and 205 of the STANDARD SPECIFICATIONS in order to achieve the finished grades shown on the plans.

The proposed driveway pavement will consist of:

A) 2" Hot-Mix Asphalt Surface Course, Mix D, N50 and 6" of Aggregate Base Course, Type B if the existing driveway is HMA or Aggregate.

All excavation; embankment; Hot-Mix Asphalt Surface Course, Mix D, N50 and Aggregate Base Course will not be paid for separately but shall be considered part of this item.

Method of Measurement and **Basis of Payment:** This work will be measured and paid for at the unit price per square yard for HMA DRIVEWAY REMOVAL AND REPLACEMENT, which price shall be payment in full for constructing this item as specified, including all materials, labor and equipment. Only the completed replacement driveway will be measured as the basis of payment.

PCC DRIVEWAY REMOVAL AND REPLACEMENT, 8"

Description. This work shall consist of the removal of existing P.C.C. or hot-mix asphalt driveway pavement and construction of new P.C.C. driveway pavement at locations shown on the plans, or as directed by the Engineer, in accordance with Sections 301, 351, 423, and 440 of the Standard Specifications, the details shown on the plans and as directed by the Engineer.

Construction Requirements. The Contractor shall place embankment or excavate (including area outside of existing driveway removal) in accordance with Sections 202 and 205 of the Standard Specifications in order to achieve the horizontal and vertical finished grades shown on the plans.

The proposed driveway pavement shall consist of:

A) 8" Portland Cement Concrete on 2" of Aggregate Base Course, Type B

All P.C.C. and hot-mix asphalt driveway pavement removal, excavation, embankment, Aggregate Base Course, Type B and P.C.C. Driveway pavement will not be paid for separately but shall be included in this pay item.

All framing shall be set to final grade of the pour. No angle irons will be allowed. No watering cans shall be allowed on site.

The finish of the driveway shall match the driveway behind of the sidewalk. Where the finish behind the sidewalk is "california" or "letter box", the contractor shall match this finish on the new apron. It shall be the contractor's responsibility to verify the finish at each location. Installation of this finish shall be considered incidental to this item.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per square yard of area replaced for PCC DRIVEWAY REMOVAL REPLACEMENT, 8", as the case may be, which price shall be payment in full for constructing this item as specified, including all materials, labor and equipment.

STRUCTURE TO BE ADJUSTED

Description. This items of work shall be performed as directed by the Engineer in conformance with applicable provisions of Sections 602 and 603 of the "Standard Specifications for Road and Bridge Construction". The word STRUCTURE shall be understood to mean catch basin, manhole, inlet, valve vault, valve box, service box and meter vault inclusive.

This work will be paid for at the contract unit each price for STRUCTURE TO BE ADJUSTED.

TENSAR TRIAX 130S GEOGRID

Description. This work shall consist of furnishing and installing geogrid for subgrade improvement in accordance with Section 209 of the STANDARD SPECIFICATIONS and at the locations as shown on the typical section or as directed by the Engineer.

Materials. The material shall be TENSAR TRIAX 130S GEOGRID or an approved equal. Contact for TENSAR TRIAX 130S GEOGRID is Road Fabrics, Inc. (Phone 630-293-3111)

Installation. It shall be the Contractors responsibility to inspect the geogrid to ensure it is free of any flaws or damage that may have occurred during shipping and handling. Prior to installation, the surface shall be compacted, cleared of debris and all wheel tracks or ruts shall be graded smooth. One layer of geogrid shall be placed between the compacted subgrade layer and the aggregate base unless directed otherwise by the Engineer. Before unrolling, anchor the beginning of the roll at the center and the corners to the underlying surface using pins or anchors. The geogrid shall be manually unrolled over the prepared surface in the direction of vehicle travel. As it is unrolled, the geogrid shall be aligned, and pulled taut with hand tension to remove wrinkles and laydown slack. Adjacent rolls shall have a three (3) foot overlap. The geogrid shall be manually cut to conform to all structures or other immovable protrusions. All material placed over the grid shall be done in a manner to prevent tearing. Any geogrid damaged during installation shall be replaced by the Contractor with no additional compensation for labor and materials.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per square yard for TENSAR TRIAX 130S GEOGRID, which price shall include all labor, materials and equipment necessary to complete the work as specified herein.

EDGE SLOPE ADJUSTMENT

At locations shown on the plans or designated by the Engineer, the contractor shall add or remove concrete to one side of the freshly poured concrete alley, to improve the transition to adjacent pavements that are excessively high, greater than eight percent (8%), or low relative to the alley edge of pavement.

Where the edge of pavement is to be raised, the contractor shall, after the screed has passed, install additional edge forms to accommodate the required height increase and place additional concrete. This work shall be accomplished immediately after the screed has leveled off the initial concrete and before the concrete begins to set. The contractor shall create a smooth sloping transition four feet (4') wide from this raised edge of pavement of the concrete surface as initially poured. Longitudinal transitions shall be made over a length of four feet (4').

Where the edge of the pavement is to be lowered, the contractor shall, after the screed has passed, remove ample concrete to accommodate the required height decrease. This work shall be accomplished immediately after the screed has leveled off the initial concrete and before the concrete begins to set up. The contractor shall create a smooth sloping transition from the lowered edge of pavement to the centerline of the alley. Longitudinal transitions shall be made over a length of four feet (4').

This work shall be paid at the contract unit price per linear foot for EDGE SLOPE ADJUSTMENT which price will include all Labor, etc., materials and equipment necessary to complete the work as specified above.

STORM SEWERS, 8" (SPECIAL)

Description. This work shall consist of furnishing and installing 8" storm sewer for storm drainage at the locations as shown in the plans or as directed by the Engineer.

Materials. The material shall be PVC SDR 26 meeting MWRD requirements and IDOT Standard Specifications for Road and Bridge Construction.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per linear foot for STORM SEWER, 8" (SPECIAL).

ITEMS ORDERED BY ENGINEER

An allowance has been set aside as part of this contract for items ordered by the engineer.

The Contractor will include in his bid a unit price of $1.00 for ITEMS ORDERED BY ENGINEER. Only additional work, not covered by existing Pay Items, indicated on the Drawings or in the Project Specifications will be eligible for payment under the Allowance.

CONTRACTOR'S DRUG-FREE WORKPLACE CERTIFICATION

The undersigned is an authorized representative of

_____ ,
(Name of Company)

and certifies that they will comply with all current Statutes entitled "Drug Free Workplace Act". The undersigned CONTRACTOR hereby certifies to the contracting agency that it will provide a drug-free workplace by:

(a) Publishing a statement:

(1) Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the grantee's of CONTRACTOR'S workplace.

(2) Specifying the actions that will be taken against employees for violations of such prohibition.

(3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:

(A) abide by the terms of the statement; and

(B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than 5 days after such conviction.

(b) Establishing a drug free awareness program to inform employees about:

(1) the dangers of drug abuse in the workplace;

(2) the grantee's or CONTRACTOR'S policy of maintaining drug free workplace;

(3) any available drug counseling, rehabilitation, and employee assistance program; and

(4) the penalties that may be imposed upon employees for drug violations.

(c) Making it a requirement to give a copy of the statement required by subsection (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.

(d) Notifying the contracting agency within 10 days after receiving notice under part (B) of paragraph (3) of subsection (a) from an employee or otherwise receiving actual notice of such conviction.

CONTRACTOR'S DRUG-FREE WORKPLACE CERTIFICATION (continued)

(e) Imposing a sanction on, or requiring the satisfactory participation in a drug assistance or rehabilitation program by any employee who is so convicted, as required by Section 5 (30 ILCS 580/5) of the Act.

(f) Assisting employees in selecting a course of action in the event drug counseling treatment, and rehabilitation is required and indicating that a trained referral team in place.

(g) Making a good faith effort to continue to maintain a drug free workplace through implementation of this Section.

Failure to abide by this certification shall subject the CONTRACTOR to the penalties provided in Section 6 (30 ILCS 580/6) of the Act.

Signed: _____

Title/Position: _____

Subscribed and sworn to before me this _____ day of _____, ____.

_____
Notary Public

TAB 2

PAVEMENT CORES AND LPC FORMS

BLUFF CITY MATERIALS, INC

2252 SOUTHWIND BLVD
BARTLETT, IL 60103

2 June 2022

Michelle Lipinski P.E.
Rubino Engineering, Inc.
425 Shepard Drive
Elgin, IL 60123
Phone: 847-931-1555 ext 12
Cell: 708-214-2425
Via Email: michelle.lipinski@rubinoeng.com

Re: Letter of Acceptance
2022 Forest Park Alley Project

Dear Ms. Lipinski:

Bluff City Materials has reviewed the Rubino Engineering LPC-662 and supporting documents for the projects located on the alleys between Elgin/Harlem and Fillmore/Roosevelt in Forest Park, IL. Based on the project information provided in your LPC-662 certification, Bluff City Materials agrees to accept the CCDD specified/labeled material at our facilities located in Elgin and Lake in the Hills, IL.

Bluff City Materials is permitted by the IEPA to accept this material and our IEPA Permit number is CCDD2011-001-DE/OP. All loads entering the facility are inspected visually, with a photo ionization detector (PID) meter, and manifested from the source location. Our facilities comply with all local zoning codes and all applicable local, state and federal rules and regulations.

If you have any questions, please contact me at 630.497.8700 x 289.

Sincerely,

Andy Paxson
Bluff City Materials
Environmental Assessments

rubino
ENGINEERING INC.

PAVEMENT CORE SUMMARY REPORT

June 3, 2022

To: James F. Amelio, P.E.
Senior Project Manager
Christopher B. Burke Engineering, Ltd.
9575 W Higgins Road, Suite 600
Rosemont, Illinois 60018

Re: **Pavement Core Summary Report**
Proposed 2022 Alley Project
Forest Park, Illinois, 60130

Rubino Report No. G22.098

Via email: jamelio@cbbel.com

Dear Mr. Amelio,

Rubino Engineering, Inc. is pleased to submit the following summary report for the above referenced project.

Authorization History and Project Scope

Rubino Engineering, Inc. received authorization to proceed on Rubino proposal number Q22.188g dated April 20, 2022 by James Amelio from Christopher B. Burke Engineering Ltd.

Surface Conditions

Cores were taken within existing paved areas and the surface conditions are as follows:

Table: Existing Pavement Section Summary

CORE NO. / LOCATION	TOTAL OBSERVED PAVEMENT THICKNESS	TOTAL OBSERVED BASE STONE THICKNESS
C-01	8 INCHES OF CONCRETE	13 INCHES OF SUBBASE STONE
C-02	8 ½ INCHES OF CONCRETE	12 ½ INCHES OF SUBBASE STONE

Please note that the above referenced thicknesses are considered approximate and based on visual observations and hand measurements. Pavement and sub-base type and thickness may vary between core locations.

Closing

Rubino appreciates the opportunity to provide coring services for this project and we look forward to continued participation during the design and in future construction phases of this project.

If you have questions pertaining to this report, or if Rubino may be of further service, please contact our office at (847) 931-1555.

Respectfully Submitted,
Rubino Engineering, Inc.

Michelle Lipinski, P.E., President
President

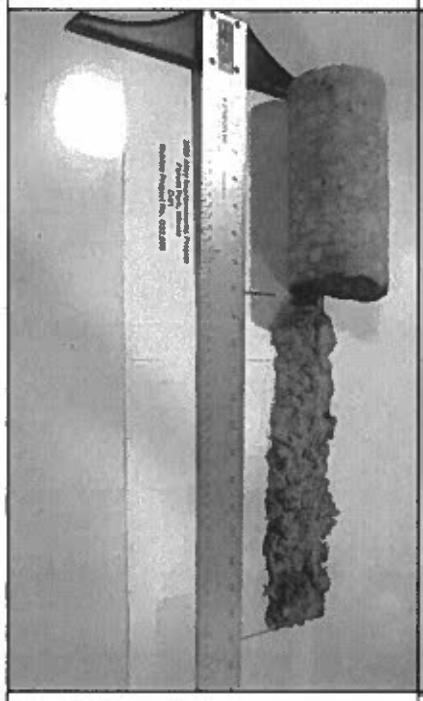
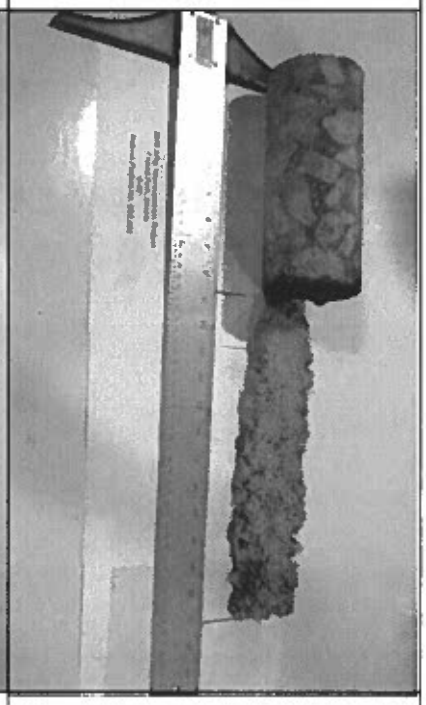
michelle.lipinski@rubinoeng.com
MAL/file/ Enclosures

Appendix Contents

APPENDIX A.1 – PAVEMENT CORE SUMMARY TABLE
APPENDIX A.2 – SITE VICINITY MAP AND CORE LOCATION PLANS

APPENDIX A.1 – PAVEMENT CORE SUMMARY TABLE

Cores were taken in the pavement between Elgin and Harlem Avenue and Fillmore St. and Roosevelt Rd. in Forest Park, Illinois. The table below summarizes the thicknesses observed in the field and laboratory.

Core - 01 (Elgin - Harlem Ave.)	Core - 02 (Fillmore St. – Roosevelt Rd)
Picture Taken Facing East	Picture Taken Facing West
	
Total Thickness = 8 inches	**Total Thickness = 8 ½ inches**
Concrete = 8 in.	**Concrete = 8 ½ in.**
Subbase Stone = 13 inches	**Subbase Stone = 12 ½ inches**
Core Barrel Reached Max Depth	**Core Barrel Reached Max Depth**

The referenced thicknesses are considered approximate. Commentary provided by Rubino is based on our observation in the laboratory; **Crack** = vertical through cross section; **Weathering** = rounded edges & degradation of asphalt and **Deterioration** = horizontal crack. Pavement and subbase type and thickness may vary between core locations. Any comments on the condition of the material are considered our opinion and should be verified by the design engineer.

APPENDIX A.2 – SITE VICINITY MAP AND CORE LOCATION PLANS

rubino ENGINEERING INC.

425 Shepard Drive
Elgin, Illinois 60123

Project Name:	**Forest Park 2022 Alley Project**
Project Location:	Alley between Elgin & Harlem Ave and Fillmore St. & Roosevelt Rd. Forest Park, Illinois
Client:	Christopher B. Burke Engineering, Ltd.
Rubino Project # :	**G22.098**

Site Vicinity Map 1

rubino
ENGINEERING INC.

425 Shepard Drive
Elgin, Illinois 60123

Project Name:	**Forest Park 2022 Alley Project**
Project Location:	Alley between Elgin & Harlem Ave and Fillmore St. & Roosevelt Rd. Forest Park, Illinois
Client:	Christopher B. Burke Engineering, Ltd.
Rubino Project # :	**G22.098**

Site Vicinity Map 2

rubino
ENGINEERING INC.

425 Shepard Drive
Elgin, Illinois 60123

Project Name:	**Forest Park 2022 Alley Project**
Project Location:	Alley between Elgin & Harlem Ave and Fillmore St. & Roosevelt Rd. Forest Park, Illinois
Client:	Christopher B. Burke Engineering, Ltd.
Rubino Project # :	**G22.098**

Coring Location Plan 1

rubino ENGINEERING INC. **425 Shepard Drive** **Elgin, Illinois 60123**	**Project Name:** **Forest Park 2022 Alley Project** **Project Location:** Alley between Elgin & Harlem Ave and Fillmore St. & Roosevelt Rd. Forest Park, Illinois **Client:** Christopher B. Burke Engineering, Ltd. **Rubino Project # :** **G22.098**	**Coring Location Plan 2**

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Source Site Certification
by Owner or Operator
for Use of Uncontaminated Soil as Fill in a
CCDD or Uncontaminated Soil Fill Operation
LPC-662

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: 2022 Forest Park Alley Project Office Phone Number, if available: _____

Physical Site Location (Street, Road): Alley btwn - Elgin & Harlem Alley Btwn Fillmore & Roosevelt Rd, See Attached Map

City: Forest Park State: IL Zip Code: 60130 County: Cook

Township: _____

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.87263 (Decimal Degrees) Longitude: - -87.80497 (-Decimal Degrees)

Identify how the lat/long data were determined:

☑ GPS ○ Map Interpolation ○ Photo Interpolation ○ Survey ○ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

Approximate Start Date (mm/dd/yyyy): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Village of Forest Park	Name:	Christopher B. Burke Engineering, Ltd.
Street Address:	517 Des Plaines Avenue	Street Address:	9575 W Higgins Road, Suite 600
PO Box:		PO Box:	
City:	Forest Park State: IL	City:	Rosemont State: IL
Zip Code:	60130 Phone: 7083662323	Zip Code:	60018 Phone:
Contact:		Contact:	James Amelio
Email, if available:		Email, if available:	jamelio@cbbel.com

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: 2022 Forest Park Alley Project Latitude: 41.87263 Longitude: --87.80497

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 521

Refer to attached Summary Letter.

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 1

[2] samples were collected and tested for pH. Results were within the range of 6.25 to 9.0 . Please refer to pH Results in Appendix A.2

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I Michelle A. Lipinski, P.E. Rubino Engineering, Inc. (owner, operator or authorized representataive of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

○ Owner

○ Operator

✓ Owner's Duly Authorized Representative

○ Operator's Duly Authorized Representative

Michelle A. Lipinski, P.E. Rubino Engineering, Inc.

Printed Name

5/31/2022

Date

Signature

rubino
ENGINEERING INC.

ENVIRONMENTAL SUMMARY REPORT

May 26, 2022

To: James F. Amelio, P.E.
Senior Project Manager
Christopher B. Burke Engineering, Ltd.
9575 W Higgins Road, Suite 600
Rosemont, Illinois 60018

Re: **CCDD Testing Summary Report**
Proposed 2022 Alley Project
Forest Park, Illinois, 60130

Rubino Report No. G22.098

Via email: jamelio@cbbel.com

Dear Mr. Amelio,

Rubino Engineering, Inc. (Rubino) is pleased to submit the following report to provide a summary of the CCDD testing for the above referenced project.

This report contains the following:

- *Summary of Environmental Database Review*
- *Summary of field and laboratory tests performed*
- *Summary of laboratory test results*
- *Illinois Environmental Protection Agencies LPC 662 Certificate*

ENVIROMENTAL DATABASE REVIEW

The project site is located along two (2) alleys; one between Elgin Avenue and Harlem Avenue and one between Fillmore Street and Roosevelt Road in Forest Park, Illinois. A map of the project location can be found in **Appendix A.1**. Prior to a site investigation, an Environmental Database Review (EDR) was conducted and the report is included as **Appendix A.3**. After reviewing the EDR report, Rubino. did not find any records of potentially impacted properties in close proximity to the project site that posed an environmental risk.

Based on the fact there were no records of potentially impacted properties in close proximity to the project site that posed an environmental risk, it was determined the project site is not a "potentially impacted property" and therefore only pH sampling of the project site was necessary.

Certification Limits

The LPC 662 Certification Limits include the following locations in Forest Park, Illinois.

- **Alley between** Harlem Avenue and Elgin Avenue, from Fillmore Street to dead end at southern end.
- **Alley between** Madison Street and Adams Street, from Elgin Avenue to Harlem Avenue

SOIL SAMPLING

On May 17, 2022, Rubino mobilized to conduct a site investigation of material originally generated from the project site. The sampling locations can be found in **Appendix A.1**. Two (2) soil samples were collected to an approximate depth of 3 feet below existing grade. The two (2) samples were submitted for pH testing at Rubino.

RESULTS

Lab analysis found that the soil samples were within the allowable pH range of 6.25 to 9.0.

The pH lab analysis results and complete reports can be found in **Appendix A.2**.

Based on the results of the laboratory testing performed, an **IEPA LPC #662 (CCDD) Certificate was issued**.

CLOSING

Rubino appreciates the opportunity to provide geotechnical services for this project and we look forward to continued participation during the design and in future construction phases of this project.

If you have questions pertaining to this summary report, or if Rubino may be of further service, please contact our office at (847) 931-1555.

Respectfully submitted,

RUBINO ENGINEERING, INC.

Michelle A. Lipinski, PE
President

michelle.lipinski@rubinoeng.com

MAL/file/ Enclosures

Appendix Contents

APPENDIX A.1 – SITE MAPS
APPENDIX A.2 – pH RESULTS
APPENDIX A.3 – ERIS DATABASE REPORT

APPENDIX A.1 – SITE MAPS

rubino ENGINEERING INC. **425 Shepard Drive** **Elgin, Illinois 60123**	**Project Name:** **Forest Park 2022 Alley Project** **Project Location:** Alley between Elgin & Harlem Ave and Fillmore St. & Roosevelt Rd., Forest Park, IL **Client:** **Christopher B. Burke Engineering, Ltd.** **Rubino Project # :** G22.098	**CCDD Testing Plan 1**

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APPENDIX A.2 – pH RESULTS

rubino ENGINEERING INC.

ASTM D4972-01
Standard Test Method for pH of Soils

		Date:	19-May-22
Project Number:	G22.098	**Performed by:**	Jenna Dinges
Project Name:		**Title:**	Lab Technician
	Forest Park Alley Project	**Signature:**	Jenna Dinges
City, State:	Forest Park, Illinois	**Client:**	Christopher B. Burke Engineering, Ltd.
Method Used:	ASTM D4972-01 Method A	**Client Address:**	9575 W Higgins Road, Suite 600
	Calcium Chloride Solution (0.01M)		Rosemont, Illinois 60018
pH Meter Mfgr:	Ohaus Corporation	**Prior Calibration:**	4/27/22 @ 1:24pm
Model #	ST Series PH Analysis Pen	**Calibration:**	5/10/22 @ 12:24pm

Location	Depth (ft)	Sample Type	Mass of Soil (g)	pH in Calcium Chloride Solution	pH in Distilled Water
C-01	2 to 3	Grab	10	7.2	7.7
C-02	2 to 3	Grab	10	7.6	8.2

TAB 3

PREVAILING WAGE RATES

Cook County Prevailing Wage Rates posted on 7/15/2022

						Overtime								
Trade Title	**Rg**	**Type**	**C**	**Base**	**Foreman**	**M-F**	**Sa**	**Su**	**Hol**	**H/W**	**Pension**	**Vac**	**Trng**	**Other Ins**
ASBESTOS ABT-GEN	All	ALL		47.40	48.40	1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		39.60	42.77	1.5	1.5	2.0	2.0	14.77	13.59	0.00	0.86	
BOILERMAKER	All	BLD		53.66	58.48	2.0	2.0	2.0	2.0	6.97	23.69	0.00	2.67	
BRICK MASON	All	BLD		49.81	54.79	1.5	1.5	2.0	2.0	12.10	21.56	0.00	1.10	
CARPENTER	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
CEMENT MASON	All	ALL		49.75	51.75	2.0	1.5	2.0	2.0	17.08	20.74	0.00	1.00	
CERAMIC TILE FINISHER	All	BLD		44.18	44.18	1.5	1.5	2.0	2.0	12.25	14.77	0.00	1.00	
COMMUNICATION ELECTRICIAN	All	BLD		47.16	50.46	1.5	1.5	2.0	2.0	12.70	14.10	1.25	1.57	0.50
ELECTRIC PWR EQMT OP	All	ALL		58.25	63.91	1.5	1.5	2.0	2.0	13.08	19.67	0.00	3.19	
ELECTRIC PWR GRNDMAN	All	ALL		45.44	63.91	1.5	1.5	2.0	2.0	10.20	15.34	0.00	2.49	
ELECTRIC PWR LINEMAN	All	ALL		58.25	63.91	1.5	1.5	2.0	2.0	13.08	19.67	0.00	3.19	
ELECTRICIAN	All	ALL		52.05	55.69	1.5	1.5	2.0	2.0	17.65	18.30	1.25	1.92	1.50
ELEVATOR CONSTRUCTOR	All	BLD		62.47	70.28	2.0	2.0	2.0	2.0	16.03	20.21	5.00	0.65	
FENCE ERECTOR	All	ALL		46.89	48.89	1.5	1.5	2.0	2.0	13.68	17.42	0.00	0.75	
GLAZIER	All	BLD		48.75	50.25	1.5	2.0	2.0	2.0	15.19	24.43	0.00	1.70	
HEAT/FROST INSULATOR	All	BLD		52.80	55.97	1.5	1.5	2.0	2.0	14.77	16.76	0.00	0.86	
IRON WORKER	All	ALL		55.81	57.81	2.0	2.0	2.0	2.0	16.05	25.31	0.00	0.49	
LABORER	All	ALL		47.40	48.15	1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
LATHER	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
MACHINIST	All	BLD		53.18	57.18	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47	
MARBLE FINISHER	All	ALL		38.00	51.41	1.5	1.5	2.0	2.0	12.10	19.60	0.00	0.60	
MARBLE MASON	All	BLD		48.96	53.86	1.5	1.5	2.0	2.0	12.10	21.03	0.00	0.78	
MATERIAL TESTER I	All	ALL		37.40		1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
MATERIALS TESTER II	All	ALL		42.40		1.5	1.5	2.0	2.0	17.05	15.21	0.00	0.90	
MILLWRIGHT	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
OPERATING ENGINEER	All	BLD	1	55.10	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	2	53.80	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	3	51.25	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	4	49.50	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	5	58.85	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	BLD	6	56.10	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	

OPERATING ENGINEER	All	BLD	7	58.10	59.10	2.0	2.0	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	FLT	1	61.10	61.10	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	FLT	2	59.60	61.10	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	FLT	3	58.10	61.10	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	FLT	4	53.60	61.10	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	FLT	5	62.60	61.10	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	FLT	6	41.00	61.10	1.5	1.5	2.0	2.0	21.40	18.60	2.00	2.40	
OPERATING ENGINEER	All	HWY	1	53.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	2	52.75	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	3	50.70	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	4	49.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	5	48.10	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	6	56.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
OPERATING ENGINEER	All	HWY	7	54.30	57.30	1.5	1.5	2.0	2.0	22.15	19.30	2.00	2.55	
ORNAMENTAL IRON WORKER	All	ALL		53.32	55.82	2.0	2.0	2.0	2.0	14.23	25.00	0.00	1.75	
PAINTER	All	ALL		50.30	56.59	1.5	1.5	1.5	2.0	14.26	14.99	0.00	1.72	
PAINTER - SIGNS	All	BLD		41.55	46.67	1.5	1.5	2.0	2.0	3.04	3.90	0.00	0.00	
PILEDRIVER	All	ALL		52.01	54.01	1.5	1.5	2.0	2.0	11.79	24.76	1.50	0.80	
PIPEFITTER	All	BLD		53.00	56.00	1.5	1.5	2.0	2.0	11.85	22.85	0.00	2.92	
PLASTERER	All	BLD		47.75	50.62	1.5	1.5	2.0	2.0	17.08	19.18	0.00	1.00	
PLUMBER	All	BLD		54.80	58.10	1.5	1.5	2.0	2.0	16.70	17.04	0.00	1.58	
ROOFER	All	BLD		47.80	51.80	1.5	1.5	2.0	2.0	11.58	14.71	0.00	0.96	
SHEETMETAL WORKER	All	BLD		49.10	53.03	1.5	1.5	2.0	2.0	13.53	28.20	0.00	1.00	
SIGN HANGER	All	BLD		34.07	36.80	1.5	1.5	2.0	2.0	6.45	4.30	0.00	0.00	
SPRINKLER FITTER	All	BLD		52.25	55.00	1.5	1.5	2.0	2.0	14.20	18.60	0.00	0.75	
STEEL ERECTOR	All	ALL		55.81	57.81	2.0	2.0	2.0	2.0	16.05	25.31	0.00	0.49	
STONE MASON	All	BLD		49.81	54.79	1.5	1.5	2.0	2.0	12.10	21.56	0.00	1.10	
TERRAZZO FINISHER	All	BLD		45.57	45.57	1.5	1.5	2.0	2.0	12.25	17.14	0.00	1.03	
TERRAZZO MASON	All	BLD		49.41	52.91	1.5	1.5	2.0	2.0	12.25	18.60	0.00	1.07	
TILE MASON	All	BLD		51.44	55.44	1.5	1.5	2.0	2.0	12.25	18.48	0.00	1.08	
TRAFFIC SAFETY WORKER I	All	HWY		39.30	40.90	1.5	1.5	2.0	2.0	9.65	9.10	0.00	0.10	
TRAFFIC SAFETY WORKER II	ALL	HWY		40.30	41.90	1.5	1.5	2.0	2.0	9.65	9.10	0.00	0.10	
TRUCK DRIVER	E	ALL	1	39.95	40.60	1.5	1.5	2.0	2.0	12.30	15.24	0.00	0.15	
TRUCK DRIVER	E	ALL	2	40.20	40.60	1.5	1.5	2.0	2.0	12.30	15.24	0.00	0.15	
TRUCK DRIVER	E	ALL	3	40.40	40.60	1.5	1.5	2.0	2.0	12.30	15.24	0.00	0.15	
TRUCK DRIVER	E	ALL	4	40.60	40.60	1.5	1.5	2.0	2.0	12.30	15.24	0.00	0.15	

TRUCK DRIVER	W	ALL	1	40.63	41.18	1.5	1.5	2.0	2.0	10.70	14.71	0.00	0.15	
TRUCK DRIVER	W	ALL	2	40.78	41.18	1.5	1.5	2.0	2.0	10.70	14.71	0.00	0.15	
TRUCK DRIVER	W	ALL	3	40.98	41.18	1.5	1.5	2.0	2.0	10.70	14.71	0.00	0.15	
TRUCK DRIVER	W	ALL	4	41.18	41.18	1.5	1.5	2.0	2.0	10.70	14.71	0.00	0.15	
TUCKPOINTER	All	BLD		49.53	50.53	1.5	1.5	2.0	2.0	9.04	21.06	0.00	1.07	

Legend
Rg Region
Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
C Class
Base Base Wage Rate
OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.
OT Sa Overtime pay required for every hour worked on Saturdays
OT Su Overtime pay required for every hour worked on Sundays
OT Hol Overtime pay required for every hour worked on Holidays
H/W Health/Welfare benefit
Vac Vacation
Trng Training
Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when

used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic

Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary

Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

TAB 4

HIGHWAY STANDARDS

ABV	ABOVE
A/C	ACCESS CONTROL
AC	ACRE
ADJ	ADJUST
AS	AERIAL SURVEYS
AGG	AGGREGATE
AH	AHEAD
APT	APARTMENT
ASPH	ASPHALT
AUX	AUXILIARY
AGS	AUXILIARY GAS VALVE (SERVICE)
AVE	AVENUE
AX	AXIS OF ROTATION
BK	BACK
B-B	BACK TO BACK
BKPL	BACKPLATE
B	BARN
BARR	BARRICADE
BGN	BEGIN
BM	BENCHMARK
BIND	BINDER
BIT	BITUMINOUS
BTM	BOTTOM
BLVD	BOULEVARD
BRK	BRICK
BBOX	BUFFALO BOX
BLDG	BUILDING
CIP	CAST IRON PIPE
CB	CATCH BASIN
C-C	CENTER TO CENTER
CL	CENTERLINE OR CLEARANCE
CL-E	CENTERLINE TO EDGE
CL-F	CENTERLINE TO FACE
CTS	CENTERS
CERT	CERTIFIED
CHSLD	CHISELED
CS	CITY STREET
CP	CLAY PIPE
CLSD	CLOSED
CLID	CLOSED LID
CT	COAT OR COURT
COMB	COMBINATION
C	COMMERCIAL BUILDING
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CONST	CONSTRUCT
CONTD	CONTINUED
CONT	CONTINUOUS
COR	CORNER
CORR	CORRUGATED
CMP	CORRUGATED METAL PIPE
CNTY	COUNTY
CH	COUNTY HIGHWAY
CSE	COURSE
XSECT	CROSS SECTION
m^3	CUBIC METER
mm^3	CUBIC MILLIMETER
CU YD	CUBIC YARD
CULV	CULVERT
C&G	CURB & GUTTER
D	DEGREE OF CURVE
DC	DEPRESSED CURVE
DET	DETECTOR
DIA	DIAMETER
DIST	DISTRICT
DOM	DOMESTIC
DBL	DOUBLE
DSEL	DOWNSTREAM ELEVATION
DSFL	DOWNSTREAM FLOWLINE
DR	DRAINAGE OR DRIVE
DI	DRAINAGE INLET OR DROP INLET
DRV	DRIVEWAY
DCT	DUCT
EA	EACH
EB	EASTBOUND
EOP	EDGE OF PAVEMENT
E-CL	EDGE TO CENTERLINE
E-E	EDGE TO EDGE
EL	ELEVATION
ENTR	ENTRANCE
EXC	EXCAVATION
Ex	EXISTING
EXPWAY	EXPRESSWAY
E	EXTERNAL DISTANCE OF HORIZONTAL CURVE
E	OFFSET DISTANCE TO VERTICAL CURVE
F-F	FACE TO FACE
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FP	FENCE POST
FE	FIELD ENTRANCE
FH	FIRE HYDRANT
FL	FLOW LINE
FB	FOOT BRIDGE
FDN	FOUNDATION
FR	FRAME
F&G	FRAME & GRATE
FRWAY	FREEWAY
GAL	GALLON
GALV	GALVANIZED
G	GARAGE
GM	GAS METER
GV	GAS VALVE
GRAN	GRANULAR
GR	GRATE
GRVL	GRAVEL
GND	GROUND
GUT	GUTTER
GP	GUY POLE
GW	GUY WIRE
HH	HANDHOLE
HATCH	HATCHING
HD	HEAD
HDW	HEADWALL
HDUTY	HEAVY DUTY
ha	HECTARE
HMA	HOT MIX ASPHALT
HWY	HIGHWAY
HORIZ	HORIZONTAL
HSE	HOUSE
IL	ILLINOIS
IMP	IMPROVEMENT
IN DIA	INCH DIAMETER
INL	INLET
INST	INSTALLATION
IDS	INTERSECTION DESIGN STUDY
INV	INVERT
IP	IRON PIPE
IR	IRON ROD
JT	JOINT
kg	KILOGRAM
km	KILOMETER
LS	LANDSCAPING
LN	LANE
LT	LEFT
LP	LIGHT POLE
LGT	LIGHTING
LF	LINEAL FEET OR LINEAR FEET
L	LITER OR CURVE LENGTH
LC	LONG CHORD
LNG	LONGITUDINAL
L SUM	LUMP SUM
MACH	MACHINE
MB	MAIL BOX
MH	MANHOLE
MATL	MATERIAL
MED	MEDIAN
m	METER
METH	METHOD
M	MID-ORDINATE
mm	MILLIMETER
mm DIA	MILLIMETER DIAMETER
MIX	MIXTURE
MBH	MOBILE HOME
MOD	MODIFIED
MFT	MOTOR FUEL TAX
N & BC	NAIL & BOTTLE CAP
N & C	NAIL & CAP
N & W	NAIL & WASHER
NOAA	NATIONAL OCEANIC ATMOSPHERIC ADMINISTRATION
NC	NORMAL CROWN
NB	NORTHBOUND
NE	NORTHEAST
NW	NORTHWEST
OLID	OPEN LID
PAT	PATTERN
PVD	PAVED
PVMT	PAVEMENT
PM	PAVEMENT MARKING
PED	PEDESTAL
PNT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION OF HORIZONTAL CURVE
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY
POT	POINT ON TANGENT
POLYETH	POLYETHYLENE
PCC	PORTLAND CEMENT CONCRETE
PP	POWER POLE OR PRINCIPAL POINT
PRM	PRIME
PE	PRIVATE ENTRANCE
PROF	PROFILE
PGL	PROFILE GRADELINE
PROJ	PROJECT
P.C.	PROPERTY CORNER
PL	PROPERTY LINE
PR	PROPOSED
R	RADIUS
RR	RAILROAD
RRS	RAILROAD SPIKE
RPS	REFERENCE POINT STAKE
REF	REFLECTIVE
RCCP	REINFORCED CONCRETE CULVERT PIPE
REINF	REINFORCEMENT
REM	REMOVAL
RC	REMOVE CROWN
REP	REPLACEMENT
REST	RESTAURANT
RESURF	RESURFACING
RET	RETAINING
RT	RIGHT
ROW	RIGHT-OF-WAY
RD	ROAD
RDWY	ROADWAY
RTE	ROUTE
SAN	SANITARY
SANS	SANITARY SEWER
SEC	SECTION
SEED	SEEDING
SHAP	SHAPING
S	SHED
SH	SHEET
SHLD	SHOULDER
SW	SIDEWALK OR SOUTHWEST
SIG	SIGNAL
SOD	SODDING
SM	SOLID MEDIAN
SB	SOUTHBOUND
SE	SOUTHEAST
SPL	SPECIAL
SD	SPECIAL DITCH
SQ FT	SQUARE FEET
m^2	SQUARE METER
mm^2	SQUARE MILLIMETER
SQ YD	SQUARE YARD
STB	STABILIZED
STD	STANDARD
SBI	STATE BOND ISSUE
SR	STATE ROUTE
STA	STATION
SPBGR	STEEL PLATE BEAM GUARDRAIL
SS	STORM SEWER
STY	STORY
ST	STREET
STR	STRUCTURE
e	SUPERELEVATION RATE
S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
SURF	SURFACE
SMK	SURVEY MARKER
T	TANGENT DISTANCE
T.R.	TANGENT RUNOUT DISTANCE
TEL	TELEPHONE
TB	TELEPHONE BOX
TP	TELEPHONE POLE
TEMP	TEMPORARY
TBM	TEMPORARY BENCH MARK
TD	TILE DRAIN
TBE	TO BE EXTENDED
TBR	TO BE REMOVED
TBS	TO BE SAVED
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
TS	TRAFFIC SIGNAL
TSCB	TRAFFIC SIGNAL CONTROL BOX
TSC	TRAFFIC SYSTEMS CENTER
TRVS	TRANSVERSE
TRVL	TRAVEL
TRN	TURN
TY	TYPE
T-A	TYPE A
TYP	TYPICAL
UNDGND	UNDERGROUND
USGS	U.S. GEOLOGICAL SURVEY
USEL	UPSTREAM ELEVATION
USFL	UPSTREAM FLOWLINE
UTIL	UTILITY
VBOX	VALVE BOX
VV	VALVE VAULT
VLT	VAULT
VEH	VEHICLE
VP	VENT PIPE
VERT	VERTICAL
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
WM	WATER METER
WV	WATER VALVE
WMAIN	WATER MAIN
WB	WESTBOUND
WILDFL	WILDFLOWERS
W	WITH
W/O	WITHOUT

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

01-01-11 CBMS

DATE	REVISIONS
1-1-11	Updated abbreviations
	and symbols.
1-1-08	Updated abbreviations
	and symbols.

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 1 of 8)

STANDARD 000001-06

ADJUSTMENT ITEMS

	EX	PR
Structure To Be Adjusted		ADJ
Structure To Be Cleaned		C
Main Structure To Be Filled		FM
Structure To Be Filled		F
Structure To Be Filled Special		FSP
Structure To Be Removed		R
Structure To Be Reconstructed		REC
Structure To Be Reconstructed Special		RSP
Frame and Grate To Be Adjusted		A
Frame and Lid To Be Adjusted		A
Domestic Service Box To Be Adjusted		A
Valve Vault To Be Adjusted		A
Special Adjustment		SP
Item To Be Abandoned		AB
Item To Be Moved		M
Item To Be Relocated		REL
Pavement Removal and Replacement		

ALIGNMENT ITEMS

	EX	PR
Baseline		
Centerline		
Centerline Break Circle		
Baseline Symbol		
Centerline Symbol		
PI Indicator		
Point Indicator		
Horizontal Curve Data (Half Size)	CURVE P.I. STA= Δ= D= R= T= L= E= σ= T.R.= S.E. RUN= P.C. STA= P.T. STA=	CURVE P.I. STA= Δ= D= R= T= L= E= σ= T.R.= S.E. RUN= P.C. STA= P.T. STA=

BOUNDARIES ITEMS

	EX	PR
Dashed Property Line		
Solid Property/Lot Line		
Section/Grant Line		
Quarter Section Line		
Quarter/Quarter Section Line		
County/Township Line		
State Line		
Iron Pipe Found		
Iron Pipe Set		
Survey Marker		
Property Line Symbol		
Same Ownership Symbol (Half Size)		
Northwest Quarter Corner (Half Size)		
Section Corner (Half Size)		
Southeast Quarter Corner (Half Size)		

CONTOUR ITEMS

	EX	PR
Approx. Index Line		
Approx. Intermediate Line		
Index Contour		
Intermediate Contour		

DRAINAGE ITEMS

	EX	PR
Channel or Stream Line		
Culvert Line		
Grading & Shaping Ditches		
Drainage Boundary Line		
Paved Ditch		
Aggregate Ditch		
Pipe Underdrain		
Storm Sewer		
Flowline		
Ditch Check		
Headwall		
Inlet		
Manhole		
Summit		
Roadway Ditch Flow		
Swale		
Catch Basin		
Culvert End Section		
Water Surface Indicator		
Riprap		

Illinois Department of Transportation

PASSED January 1, 2011
Michael Baumann
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011
Scott Schaffer
ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 2 of 8)

STANDARD 000001-06

EROSION & SEDIMENT CONTROL ITEMS

	EX	PR
Cleaning & Grading Limits		
Dike		
Erosion Control Fence		
Perimeter Erosion Barrier		
Temporary Fence		
Ditch Check Temporary		
Ditch Check Permanent		
Inlet & Pipe Protection		
Sediment Basin		
Erosion Control Blanket		
Fabric Formed Concrete Revetment Mat		
Turf Reinforcement Mat		
Mulch Temporary		
Mulch Method 1		
Mulch Method 2 Stabilized		
Mulch Method 3 Hydraulic		

NON-HIGHWAY IMPROVEMENT ITEMS

	EX	PR
Noise Attn./Levee		
Field Line	E	
Fence		
Base of Levee		
Mailbox		
Multiple Mailboxes		
Pay Telephone		
Advertising Sign		

LANDSCAPING ITEMS

	EX	PR
Contour Mounding Line		
Fence		
Fence Post		
Shrubs		
Mowline		
Perennial Plants		
Seeding Class 2		
Seeding Class 2A		
Seeding Class 4		
Seeding Class 4 & 5 Combined		

EXISTING LANDSCAPING ITEMS (contd.)

	EX	PR
Seeding Class 5		
Seeding Class 7		
Seedlings Type 1		
Seedlings Type 2		
Sodding		
Mowstake w/Sign		
Tree Trunk Protection		
Evergreen Tree	E	
Shade Tree	E	+

LIGHTING

	EX	PR
Duct		
Conduit		
Electrical Aerial Cable	A	A
Electrical Buried Cable	L	L
Controller		
Underpass Luminaire		
Power Pole		

Illinois Department of Transportation

PASSED January 1, 2011
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

SSMS 1-1-07

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 3 of 8)

STANDARD 000001-06

LIGHTING (contd.)

	EX	PR
Pull Point		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Unit Comb.		
Electrical Ground		
Traffic Flow Arrow		
High Mast Pole (Half Size)		
Light Unit-1		

PAVEMENT (MISC.)

	EX	PR
Keyed Long. Joint		
Keyed Long. Joint w/Tie Bars		
Sawed Long. Joint w/Tie Bars		
Bituminous Shoulder		
Bituminous Taper		
Stabilized Driveway		
Widening		

PAVEMENT MARKINGS

	EX	PR
Bike Lane Symbol		
Bike Lane Text		
Handicap Symbol		
RR Crossing		
Raised Marker Amber 1 Way		
Raised Marker Amber 2 Way		
Raised Marker Crystal 1 Way		
Two Way Turn Left		
Shoulder Diag. Pattern		
Skip-Dash White		
Skip-Dash Yellow		
Stop Line		
Solid Line		
Double Centerline		
Dotted Lines		
CL 2Ln 2Way RRPM 12.2 m (40') o.c.		
CL 2Ln 2Way RRPM 80' (24.4 m) o.c.		
CL Multilane Div. RRPM 40' (12.2 m) o.c.		
CL Multilane Div. RRPM 80' (24.4 m) o.c.		
CL Multilane Div. Dbl. RRPM 80' (24.4 m) o.c.		
CL Multilane Undiv.		
Two Way Turn Left Line		

Illinois Department of Transportation

PASSED January 1, 2011
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

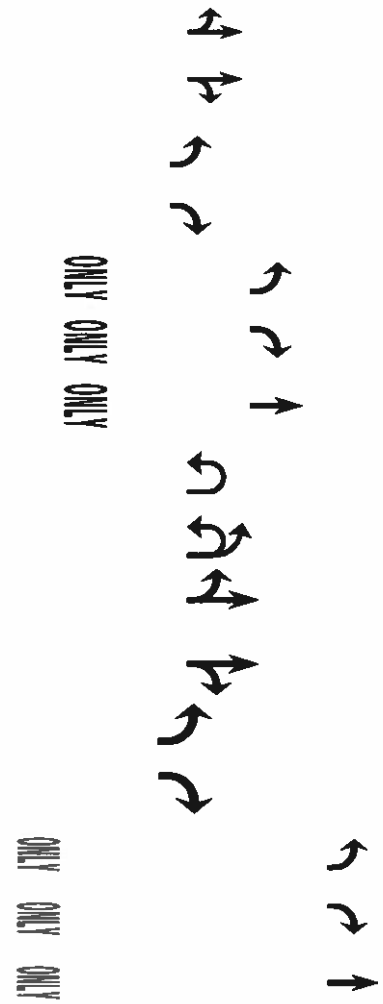
STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 4 of 8)

STANDARD 000001-06

PAVEMENT MARKINGS (contd.)

	EX	PR
Urban Combination Left		
Urban Combination Right		
Urban Left Turn Arrow		
Urban Right Turn Arrow		
Urban Left Turn Only		
Urban Right Turn Only		
Urban Thru Only		
Urban U-Turn		
Urban Combined U-Turn		
Rural Combination Left		
Rural Combination Right		
Rural Left Turn Arrow		
Rural Right Turn Arrow		
Rural Left Turn Only		
Rural Right Turn Only		
Rural Thru Only		



RAILROAD ITEMS

	EX	PR
Abandoned Railroad		
Railroad		
Railroad Point		
Control Box		
Crossing Gate		
Flashing Signal		
Railroad Cant. Mast Arm		
Crossbuck		

REMOVAL ITEMS

	EX	PR
Removal Tie		
Bituminous Removal		
Hatch Pattern		
Tree Removal Single		

RIGHT OF WAY ITEMS

	EX	PR
Future ROW Corner Monument		
ROW Marker		
ROW Line		
Easement		
Temporary Easement		

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APPROVED January 1, 2011
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SSRS 2 1-1-11

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 5 of 8)

STANDARD 000001-06

RIGHT OF WAY ITEMS (contd.)

	EX	PR
Access Control Line		AC
Access Control Line & ROW	AC	AC
Access Control Line & ROW with Fence	AC	AC
Excess ROW Line		XS

ROADWAY PLAN ITEMS

	EX	PR
Cable Barrier		
Concrete Barrier		
Edge of Pavement		
Blt Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		
Impact Attenuator		
North Arrow with District Office (Half Size)		
Match Line		STA. 45+00
Slope Limit Line		
Typical Cross-Section Line		

ROADWAY PROFILES

	EX	PR
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data	VPI = ELEV= L = E =	VPI = ELEV= L = E =
Ditch Profile Left Side		
Ditch Profile Right Side		
Roadway Profile Line		
Storm Sewer Profile Left Side		
Storm Sewer Profile Right Side		

SIGNING ITEMS

	EX	PR
Cone, Drum or Barricade		
Barricade Type II		
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Panels I		
Panels II		
Direction of Traffic		
Sign Flag (Half Size)		

SIGNING ITEMS (contd.)

	EX	PR
Reverse Left W1-4L (Half Size)		
Reverse Right W1-4R (Half Size)		
Two Way Traffic Sign W6-3 (Half Size)		
Detour Ahead W20-2(O) (Half Size)		DETOUR AHEAD
Left Lane Closed Ahead W20-5L(O) (Half Size)		LEFT LANE CLOSED AHEAD
Right Lane Closed Ahead W20-5R(O) (Half Size)		RIGHT LANE CLOSED AHEAD
Road Closed Ahead W20-3(O) (Half Size)		ROAD CLOSED AHEAD
Road Construction Ahead W20-1-(O) (Half Size)		ROAD CONSTRUCTION AHEAD
Single Lane Ahead (Half Size)		SINGLE LANE AHEAD
Transition Left W4-2L (Half Size)		
Transition Right W4-2R (Half Size)		

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STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 6 of 8)

STANDARD 000001-06

SIGNING ITEMS (contd.)

	EX	PR
One Way Arrow Lrg. W1-6-(O) (Half Size)		
Two Way Arrow Large W1-7-(O) (Half Size)		
Detour M4-10L-(O) (Half Size)		DETOUR
Detour M4-10R-(O) (Half Size)		DETOUR
One Way Left R6-1L (Half Size)		ONE WAY
One Way Right R6-1R (Half Size)		ONE WAY
Left Turn Lane R3-1100L (Half Size)		LEFT TURN LANE
Keep Left R4-7AL (Half Size)		KEEP LEFT
Keep Left R4-7BL (Half Size)		KEEP LEFT
Keep Right R4-7AR (Half Size)		KEEP RIGHT
Keep Right R4-7BR (Half Size)		KEEP RIGHT
Stop Here On Red R10-6-AL (Half Size)		STOP HERE ON RED
Stop Here On Red R10-6-AR (Half Size)		STOP HERE ON RED
No Left Turn R3-2 (Half Size)		
No Right Turn R3-1 (Half Size)		
Road Closed R11-2 (Half Size)		ROAD CLOSED
Road Closed Thru Traffic R11-2 (Half Size)		ROAD CLOSED TO THRU TRAFFIC

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PASSED January 1, 2011
Michael Brand
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APPROVED January 1, 2011
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ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 000001-06

STRUCTURES ITEMS

	EX	PR
Box Culvert Barrel		
Box Culvert Headwall		
Bridge Pier		
Bridge		
Retaining Wall		
Temporary Sheet Piling		

TRAFFIC SHEET ITEMS

	EX	PR
Cable Number		
Left Turn Green	←G	←G
Left Turn Yellow	←Y	←Y
Signal Backplate		
Signal Section 8" (200 mm)		
Signal Section 12" (300 mm)		
Walk/Don't Walk Letters	DW W	DW W
Walk/Don't Walk Symbols		

TRAFFIC SIGNAL ITEMS

	EX	PR
Galv. Steel Conduit		
Underground Cable		
Detector Loop Line		
Detector Loop Large		
Detector Loop Small		
Detector Loop Quadrapole		

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 7 of 8)

STANDARD 000001-06

TRAFFIC SIGNAL ITEMS (contd.)

	EX	PR
Detector Raceway		
Aluminum Mast Arm		
Steel Mast Arm		
Veh. Detector Magnetic		
Conduit Splice		
Controller		
Guttbox Junction		
Wood Pole		
Temp. Signal Head		
Handhole		
Double Handhole		
Heavy Duty Handhole		
Junction Box		
Ped. Pushbutton Detector		
Ped. Signal Head		
Power Pole Service		
Priority Veh. Detector		
Signal Head		
Signal Head w/Backplate		
Signal Post		
Closed Circuit TV		
Video Detector System		

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PASSED January 6, 2011
Michael Brand
ENGINEER OF PLANS AND PROCEDURES
APPROVED January 6, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

SHEET 1 OF 7

UNDERGROUND UTILITY ITEMS

	EX	PR	ABANDONED
Cable TV	CTV	CTV	CTV
Electric Cable	E	E	E
Fiber Optic	FO	FO	FO
Gas Pipe	G	G	G
Oil Pipe	O	O	O
Sanitary Sewer			
Telephone Cable	T	T	T
Water Pipe	W	W	W

UTILITIES ITEMS

	EX	PR
Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		

UTILITY ITEMS (contd.)

	EX	PR
Traffic Signal		
Traffic Signal Control Box		
Water Meter		
Water Meter Valve Box		
Profile Line		
Aerial Power Line	A	A

VEGETATION ITEMS

	EX	PR
Deciduous Tree		
Bush or Shrub		
Evergreen Tree		
Stump		
Orchard/Nursery Line		
Vegetation Line		
Woods & Bush Line		

WATER FEATURE ITEMS

	EX	PR
Stream or Drainage Ditch		
Waters Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		
Marsh/Swamp Boundary		

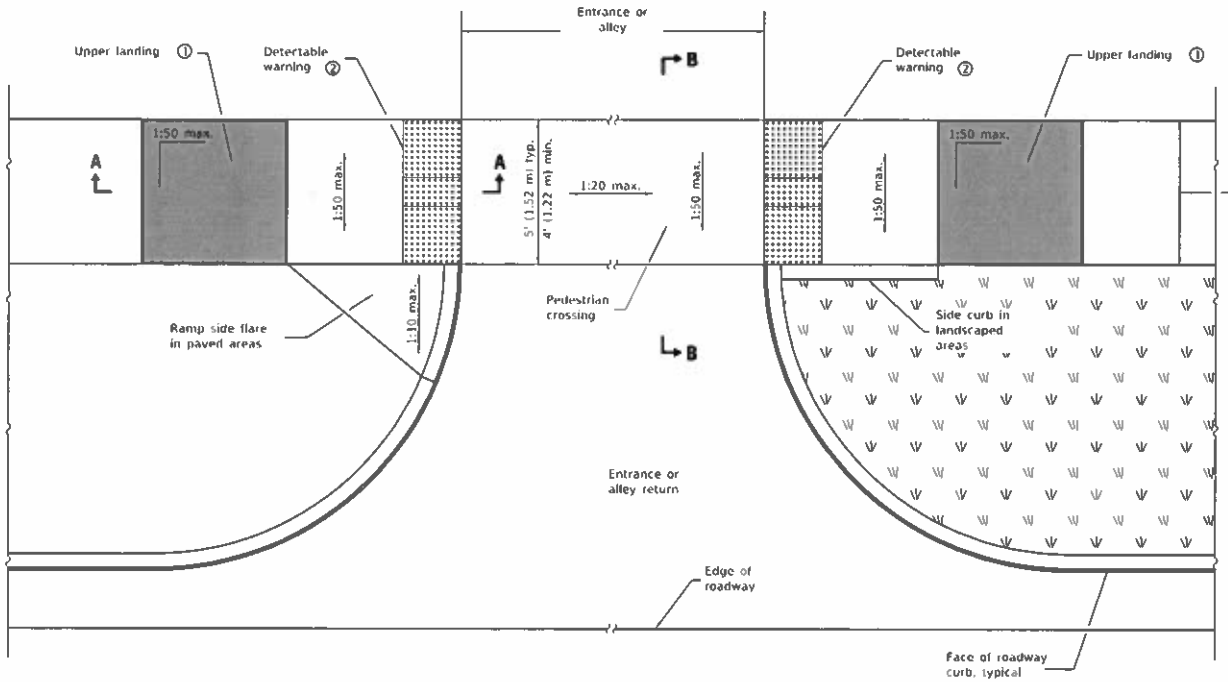
STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 8 of 8)

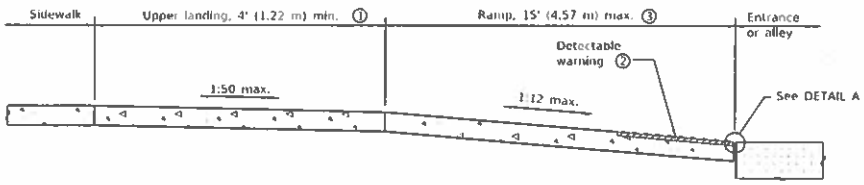
STANDARD 000001-06

② Detectable warning shall only be installed at entrances/alleys with permanent traffic control devices (i.e. stop signs, signals).

③ Where possible, maintain the grade of the sidewalk across the entrance/alley to avoid the need for ramps and upper landings.

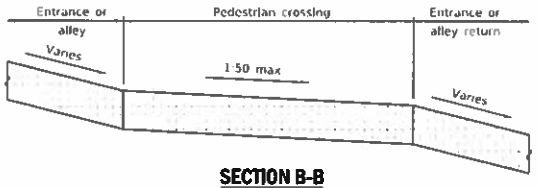


ENTRANCE / ALLEY PEDESTRIAN CROSSING

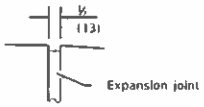


SECTION A-A

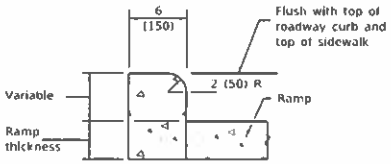
① Upper landing not required for ramp slopes flatter than 1:20.



SECTION B-B



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2018
ENGINEER OF POLICY AND PROCEDURES

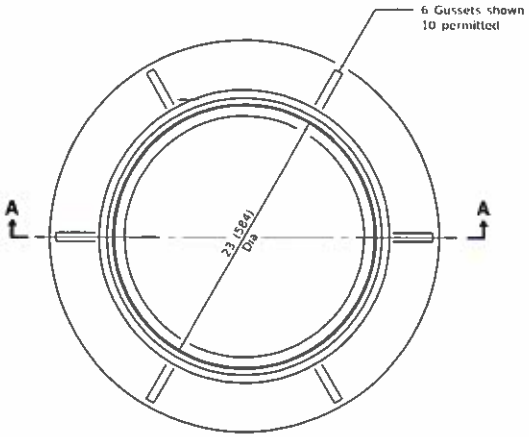
APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

SAVE: 1-1-17

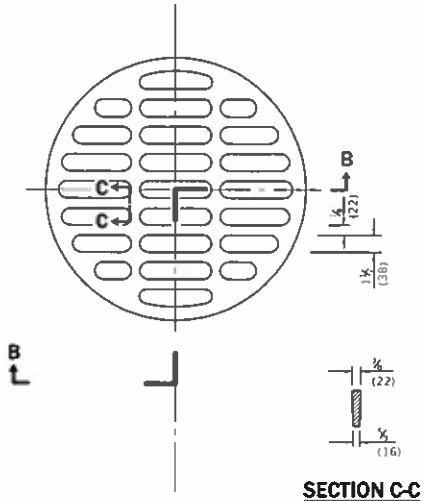
DATE	REVISIONS
1-1-18	Omitted diagonal slope at upper landings.
1-1-13	Revised General Notes.

ENTRANCE / ALLEY PEDESTRIAN CROSSINGS

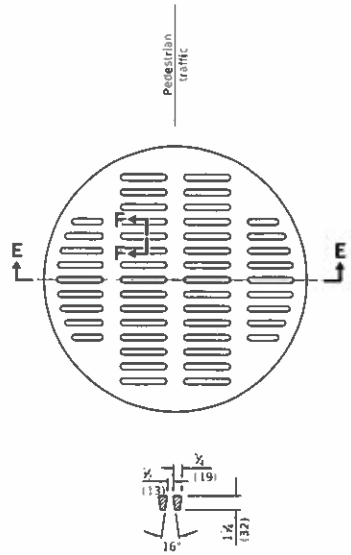
STANDARD 424026-02



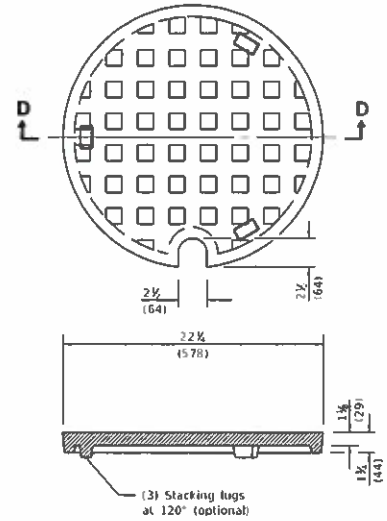
CAST FRAME



SECTION C-C

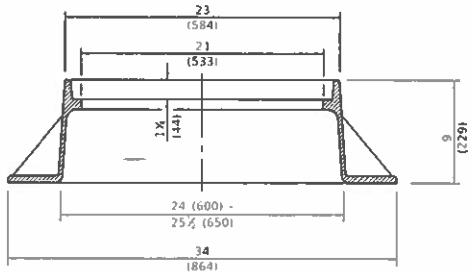


SECTION F-F

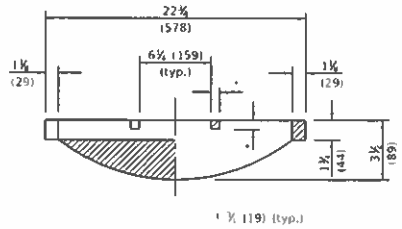


SECTION D-D

CAST CLOSED LID
Gray Iron Lid

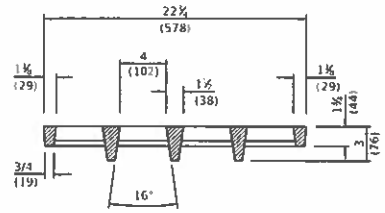


SECTION A-A
Gray Iron



SECTION B-B

CAST OPEN LID



SECTION E-E

ADA COMPLIANT CAST OPEN LID

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 9, 2015
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 9, 2015
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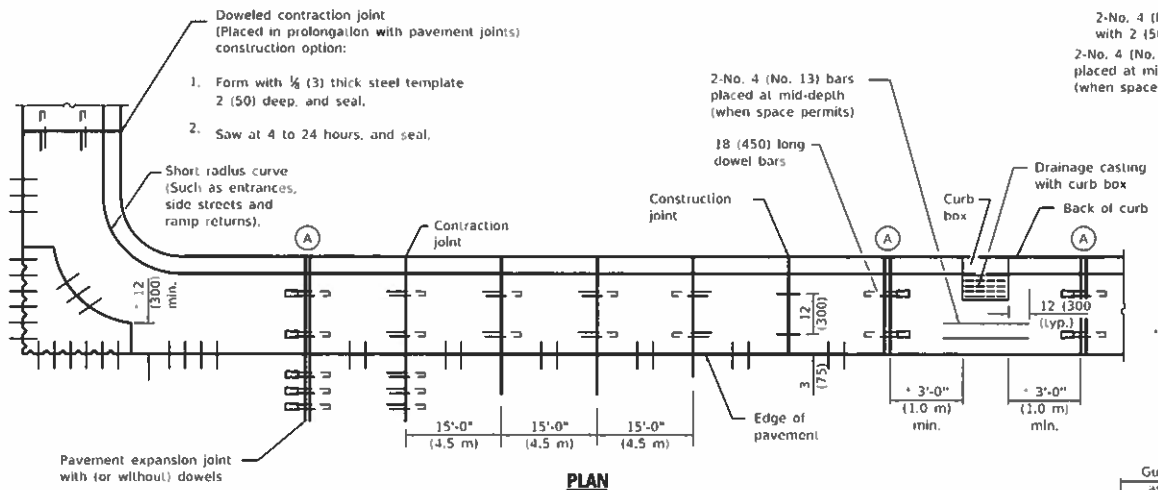
SHEET 1 OF 1

DATE	REVISIONS
1-1-15	Revised dimensioning of
	frame. Added ADA compliant
	open lid.
1-1-09	Switched units to
	English (metric).

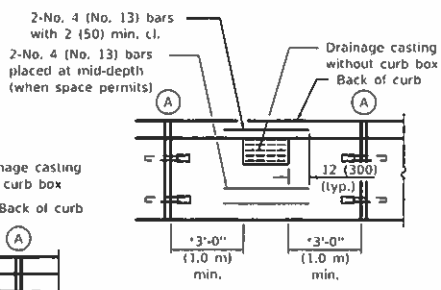
FRAME AND LIDS TYPE 1

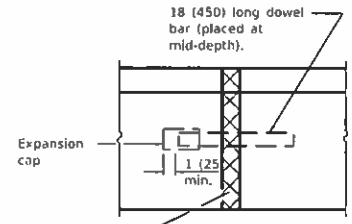
STANDARD 604001-04



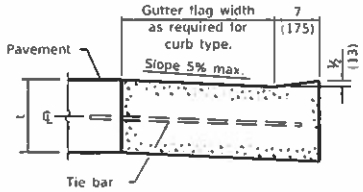
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

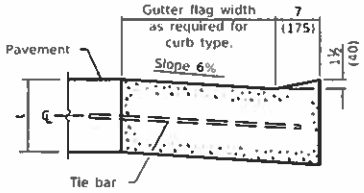
* This dimension shall be adjusted to align with joint on the adjacent pavement





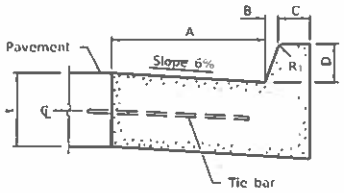
DETAIL (A)
EXPANSION JOINT



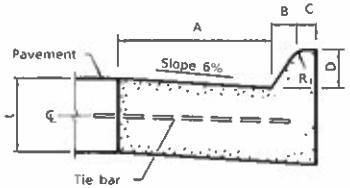


DEPRESSED CURB (TYPICAL)

DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



BARRIER CURB

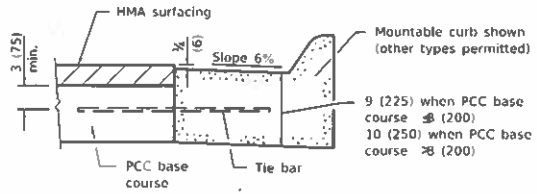


MOUNTABLE CURB

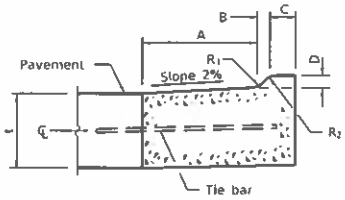
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 * (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

* For corner islands only.

TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2018
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

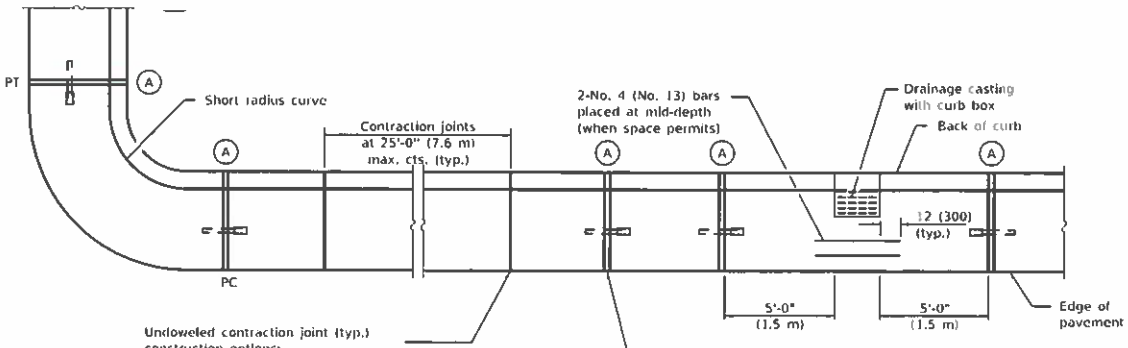
SSRCD 1-1-07

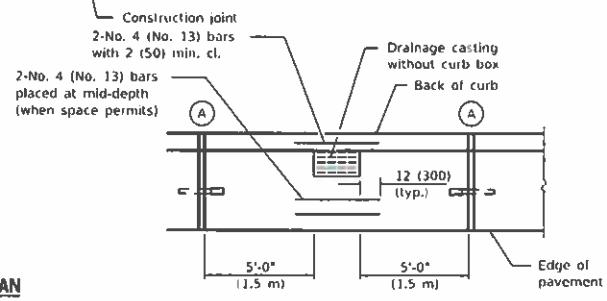
DATE	REVISIONS
1-1-18	Revised General Note for tie
	bar spacing to 36 (900) cts.
1-1-15	Added B-6.06 (B-15.15) barrier
	curb and gutter to table
	(corner islands only).

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

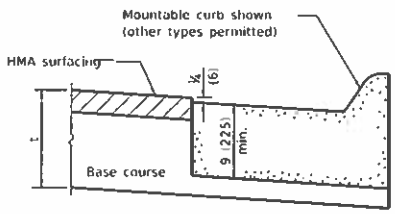
(Sheet 1 of 2)

STANDARD 606001-07

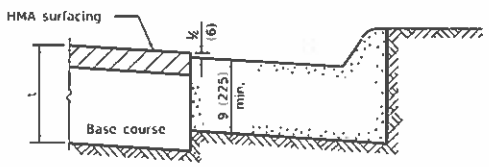




PLAN

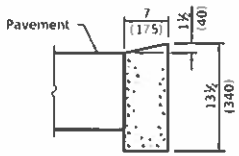


ON DISTURBED SUBGRADE

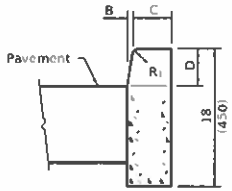


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

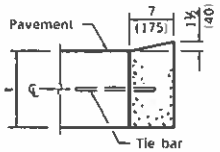


DEPRESSED CURB

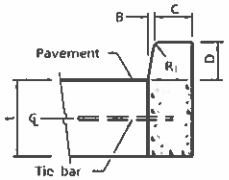


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

PASSED January 1, 2008
Michael Baand
ENGINEER OF POLICY AND PROCEDURES

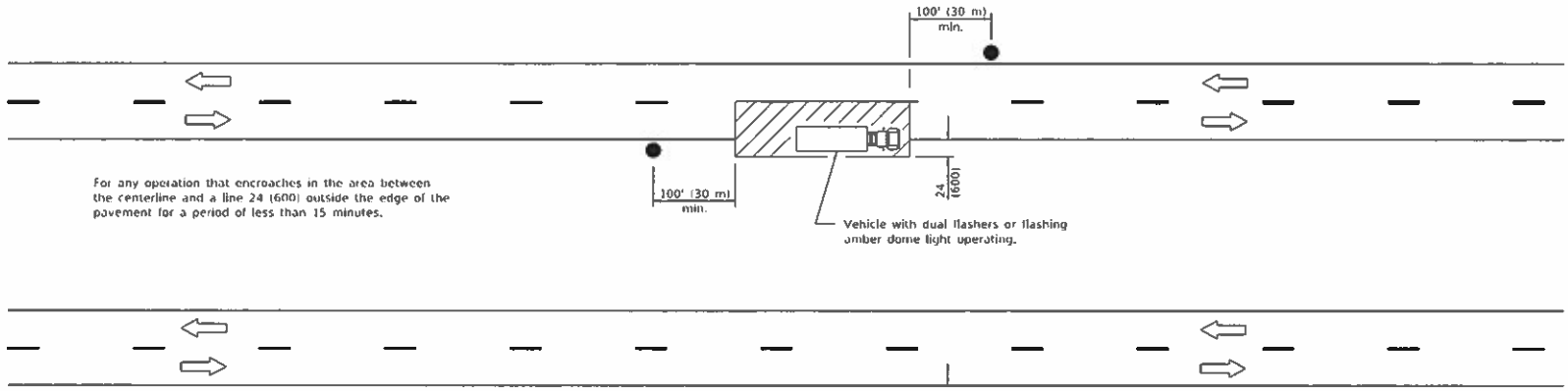
APPROVED January 1, 2008
Marcia Lyons Adams
ENGINEER OF DESIGN AND ENVIRONMENT

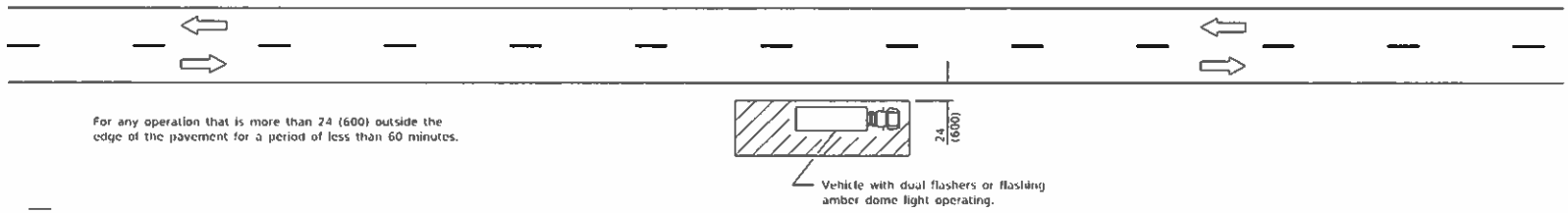
07-01-07 CSM55

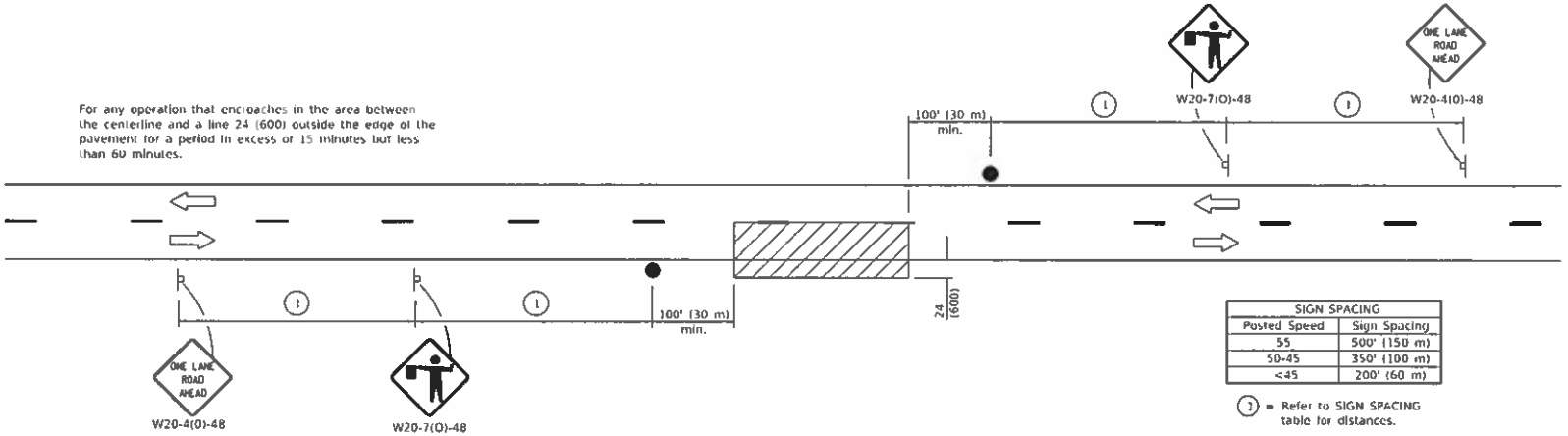
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-07







SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

(1) = Refer to SIGN SPACING table for distances.

All dimensions are in inches (millimeters) unless otherwise shown.

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

SYMBOLS

Work area
Sign on portable or permanent support
Flagger with traffic control sign

Illinois Department of Transportation

PASSED January 1 2011
ENGINEER OF SAFETY ENGINEERING

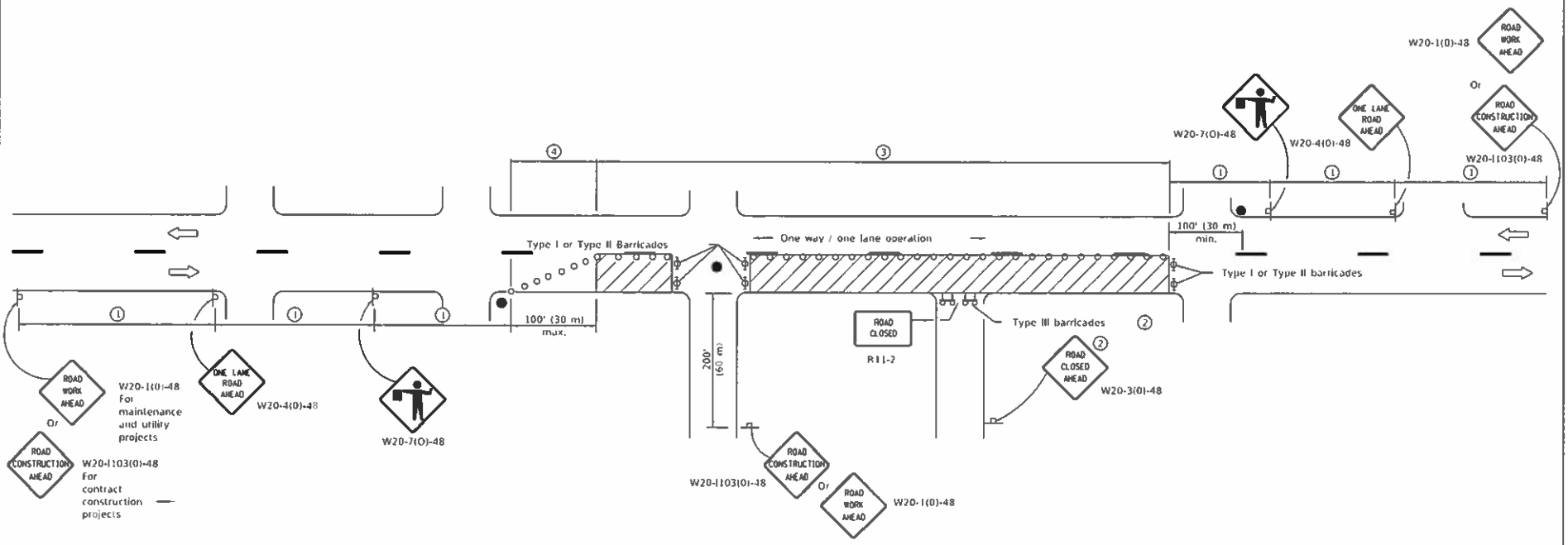
APPROVED January 1 2011
ENGIN. EP OF DESIGN AND ENVIRONMENT

SMD 2-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

1. Refer to SIGN SPACING TABLE for distances.
2. For approved sideroad closures.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

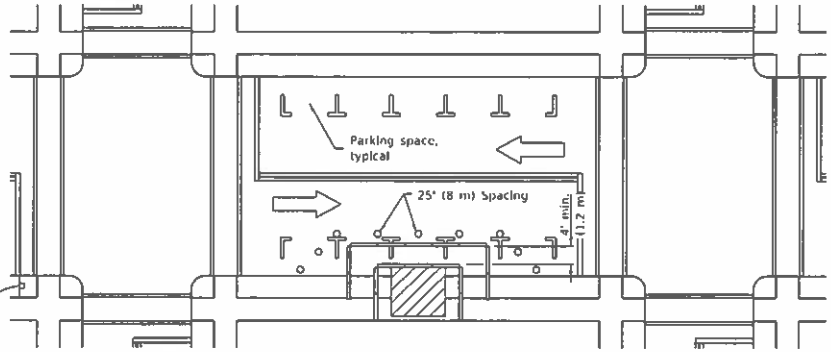
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

SWED 1-1-09

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



① Omit whenever duplicated by road work traffic control.

① ROAD CONSTRUCTION AHEAD — W20-1103(0)-48 for contract construction projects

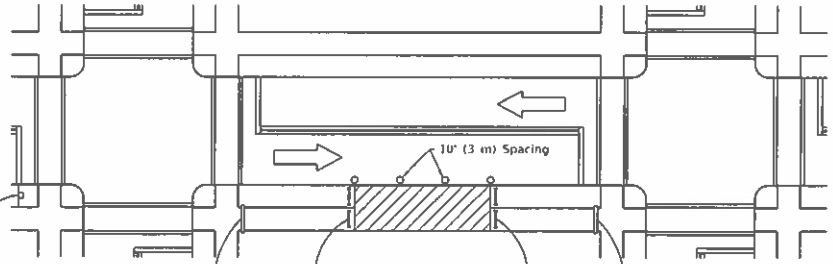
Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



① ROAD CONSTRUCTION AHEAD — W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSED — R11-1101-2418

SIDEWALK CLOSED ← USE OTHER SIDE — R11-1102-2430

SIDEWALK CLOSED → USE OTHER SIDE — R11-1102-2430

SIDEWALK CLOSURE

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED April 1 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1 2016
ENGINEER OF DESIGN AND ENVIRONMENT

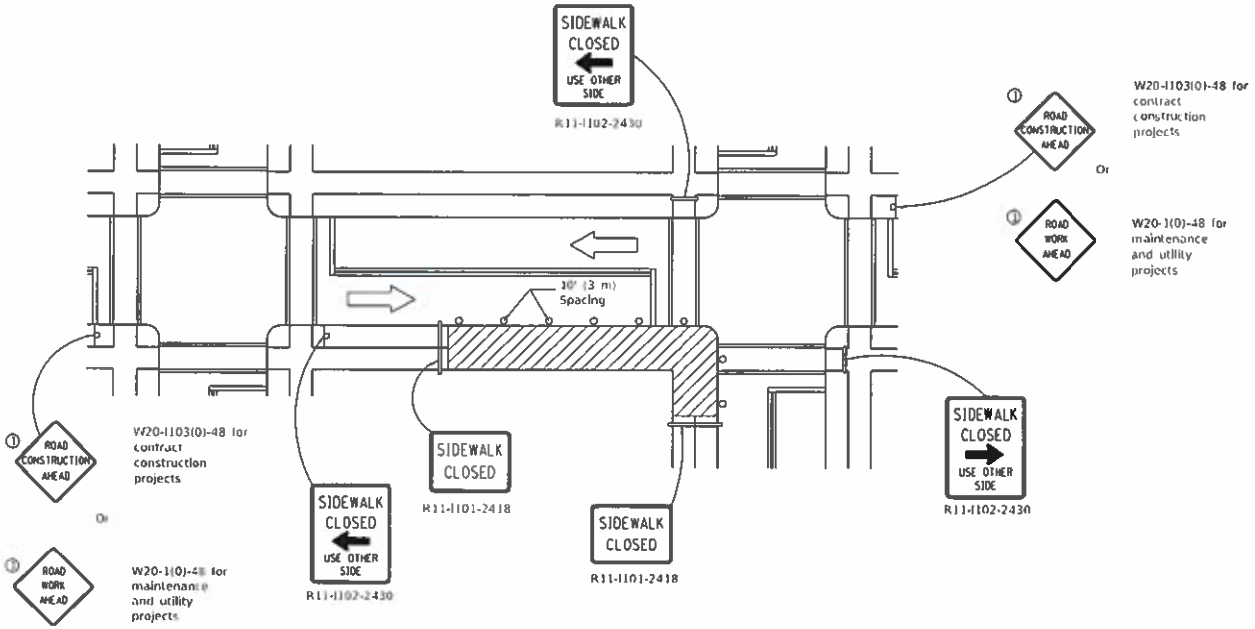
SMS 1-15-7

DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

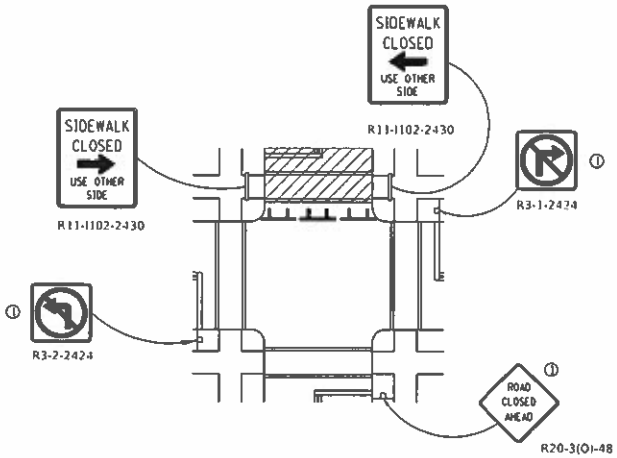
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

PASSED April 1 2016
ENGINEER OF SAFETY ENGINEERING

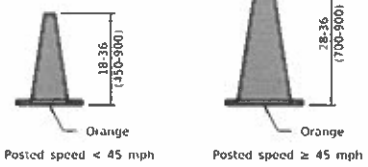
APPROVED April 1 2016
ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 701801-06

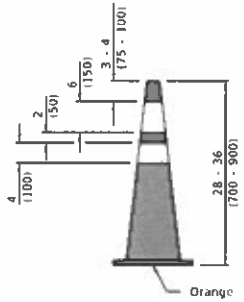
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

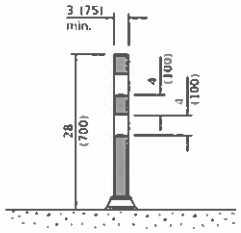
STANDARD 701801-06



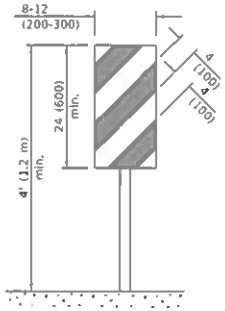
CONE FOR DAYTIME



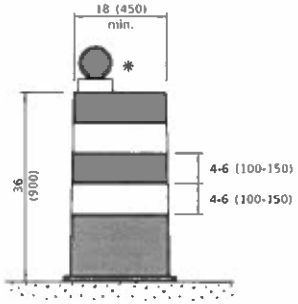
REFLECTORIZED CONE FOR NIGHTTIME



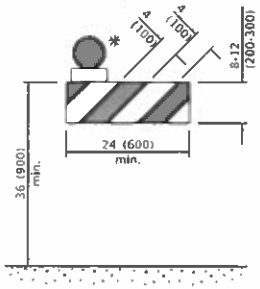
TUBULAR MARKER



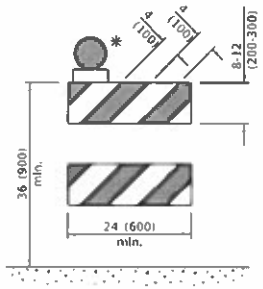
VERTICAL PANEL
POST MOUNTED



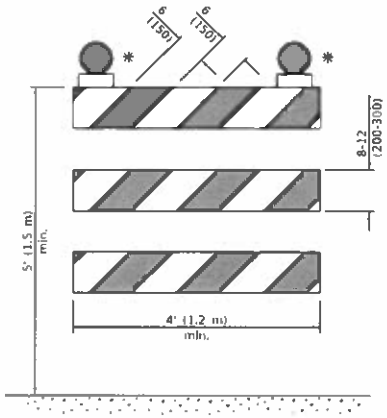
DRUM



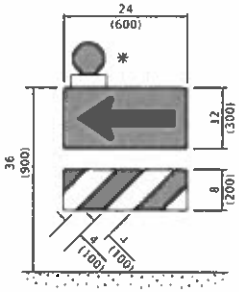
TYPE I BARRICADE



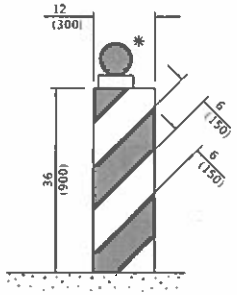
TYPE II BARRICADE



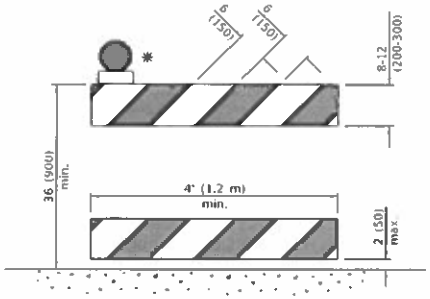
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

✱ Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-18	Revised END WORK ZONE
	SPEED LIMIT sign from
	orange to white background.
1-1-17	Changed FLEXIBLE DELINEATOR
	to TUBULAR MARKER.

Illinois Department of Transportation

PASSED January 1, 2018
ENGINEER OF OPERATIONS

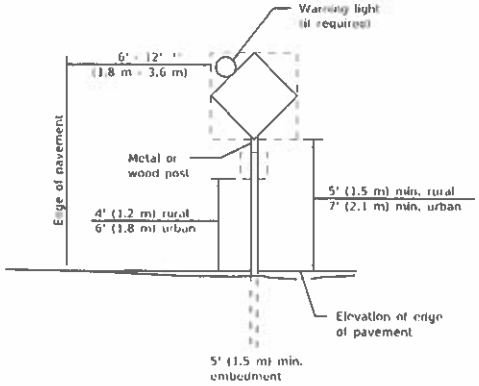
APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 701901-07-1 CBMS

TRAFFIC CONTROL DEVICES

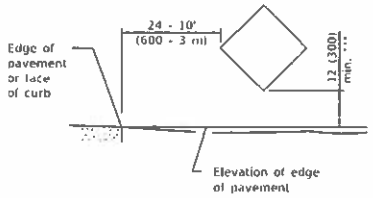
(Sheet 1 of 3)

STANDARD 701901-07



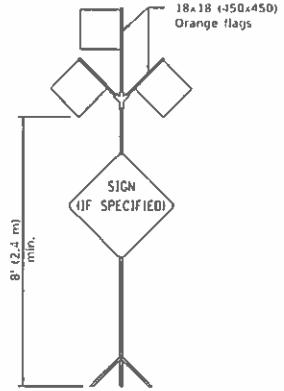
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT X MILES	END CONSTRUCTION
G20-I104(0)-6036	G20-I105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

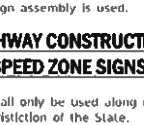
W21-III510)-3618

R2-1-3648

R10-I108p-3618 ****

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-I103-6036

This sign shall be used when the above sign assembly is used.

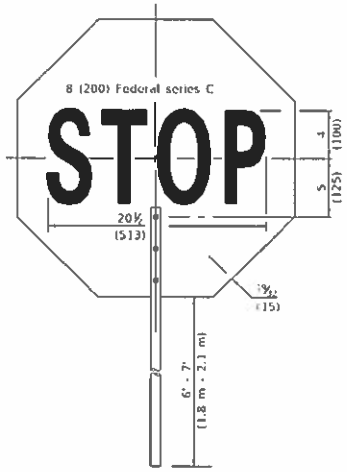
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-I108p shall only be used along roadways under the jurisdiction of the State.

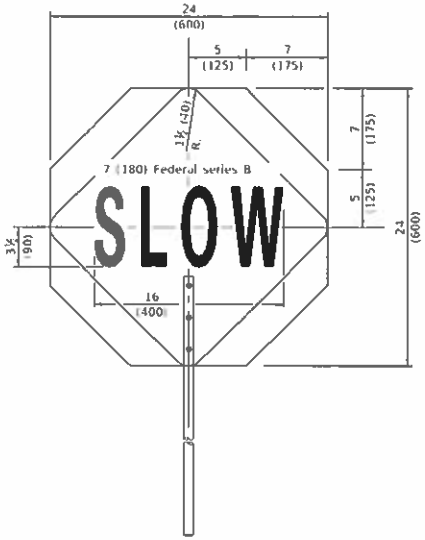
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

PASSED January 1, 2016

ENGINEER OF OPERATIONS

APPROVED January 1, 2016

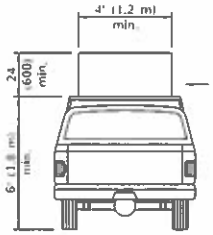
ENGINEER OF DESIGN AND ENVIRONMENT

SNSF 1-1-07

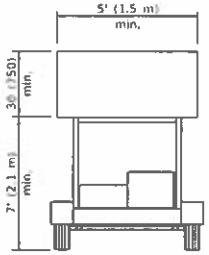
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

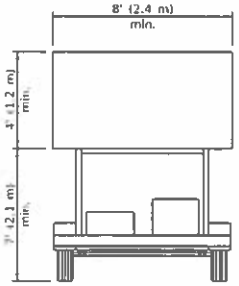
STANDARD 701901-07



TYPE A ROOF MOUNTED

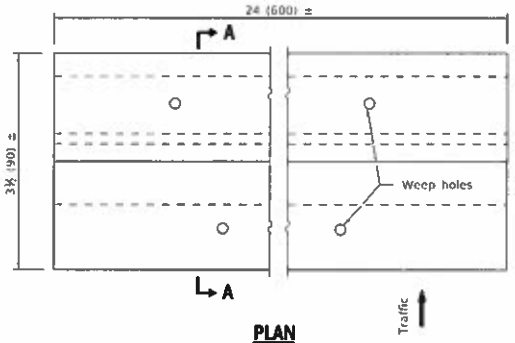


TYPE B ROOF OR TRAILER MOUNTED

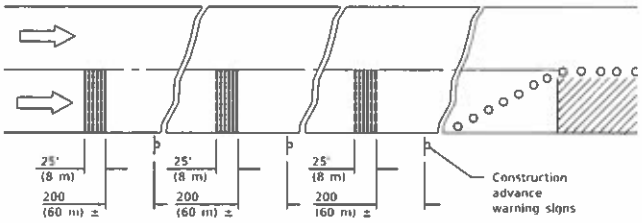


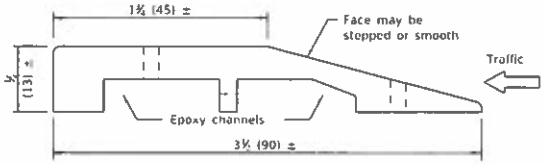
TYPE C TRAILER MOUNTED

ARROW BOARDS

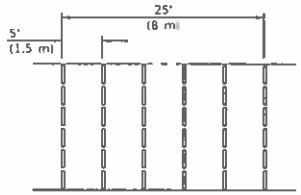


PLAN



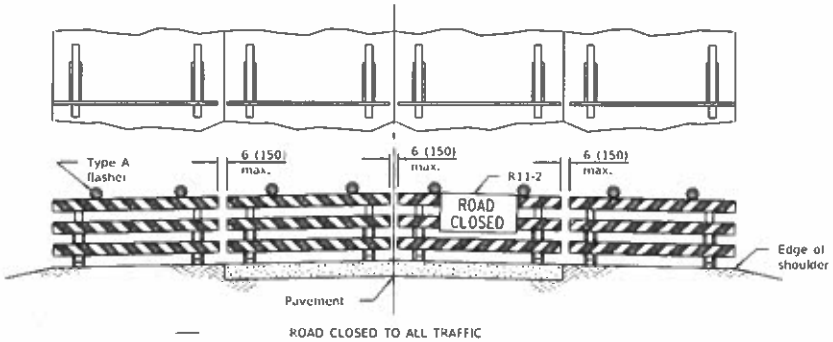


SECTION A-A



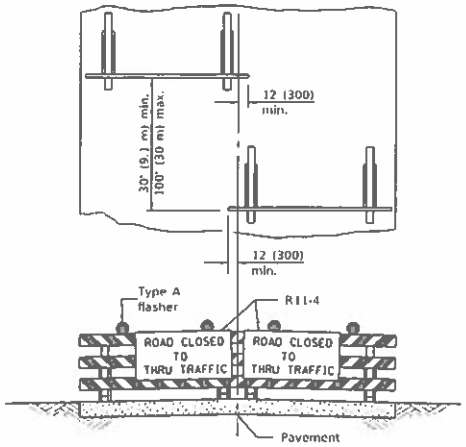
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

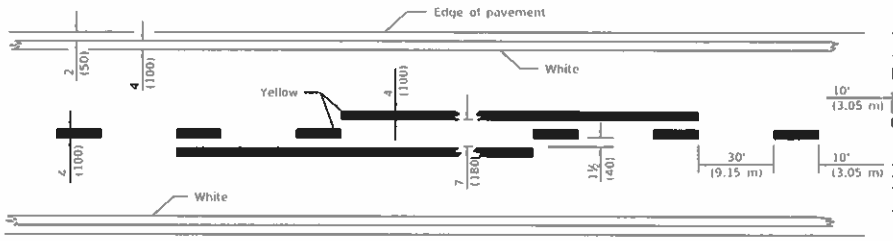
ENGINEER OF OPERATIONS

ENGINEER OF DESIGN AND ENVIRONMENT

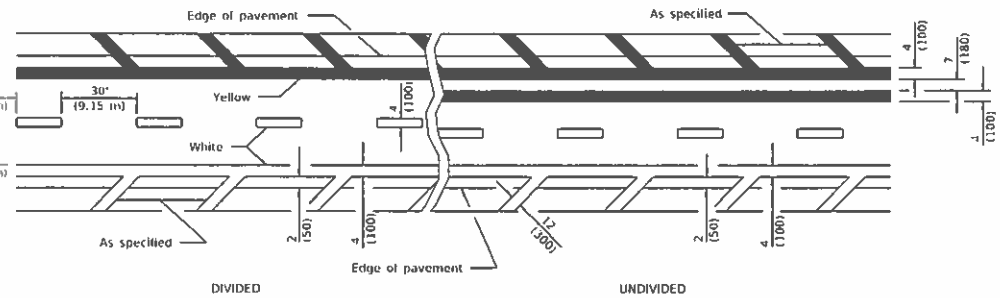
TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-07

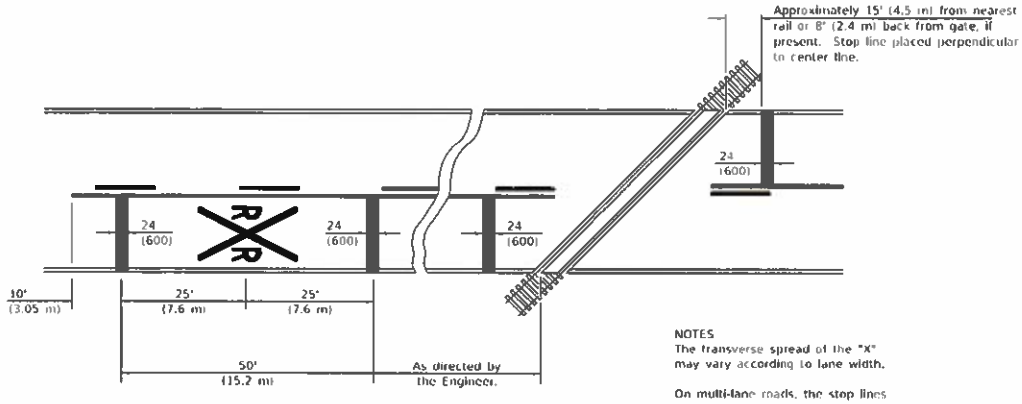


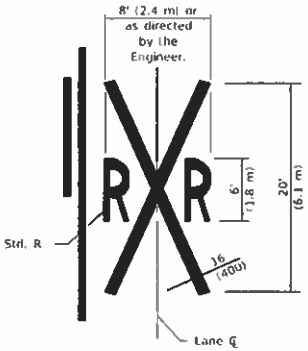
2 LANE



MULTI LANE

LANE AND EDGE LINES





NOTES
The transverse spread of the "X" may vary according to lane width.

On multi-lane roads, the stop lines shall extend across all approach lanes and separate R#R symbols shall be placed adjacent to each other in each lane.

When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

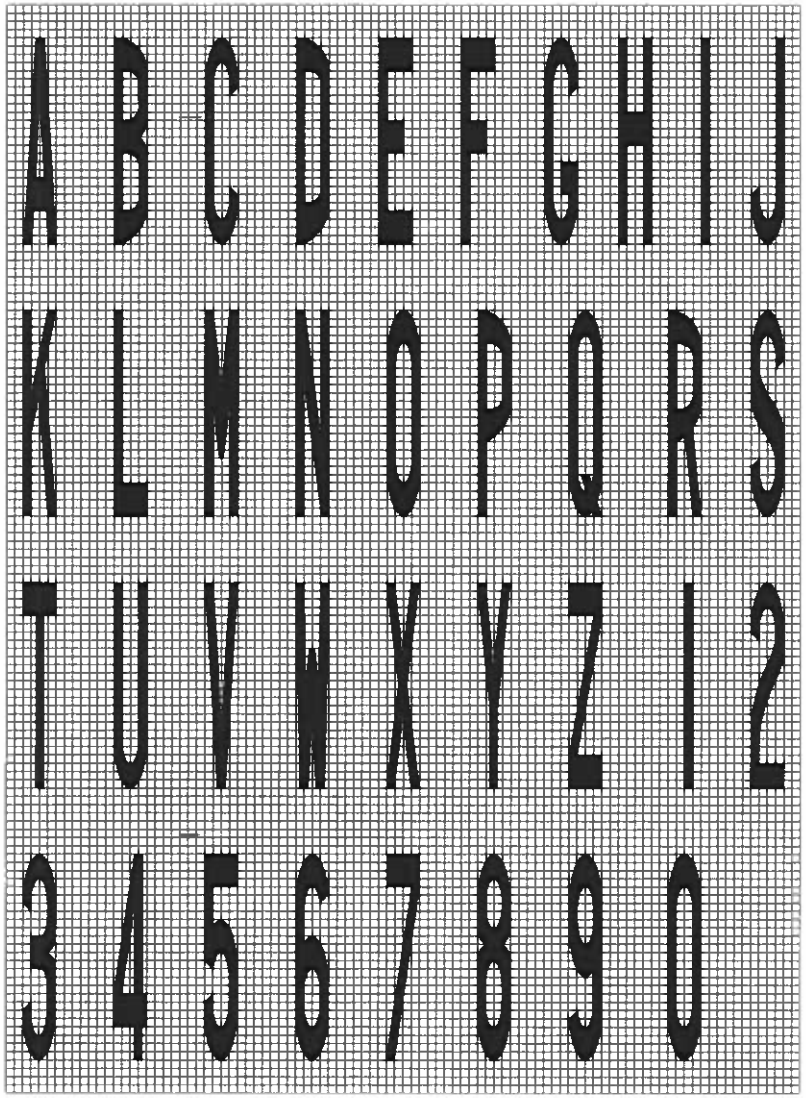
PASSED January 1, 2015
ENGINEER OF OPERATIONS
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

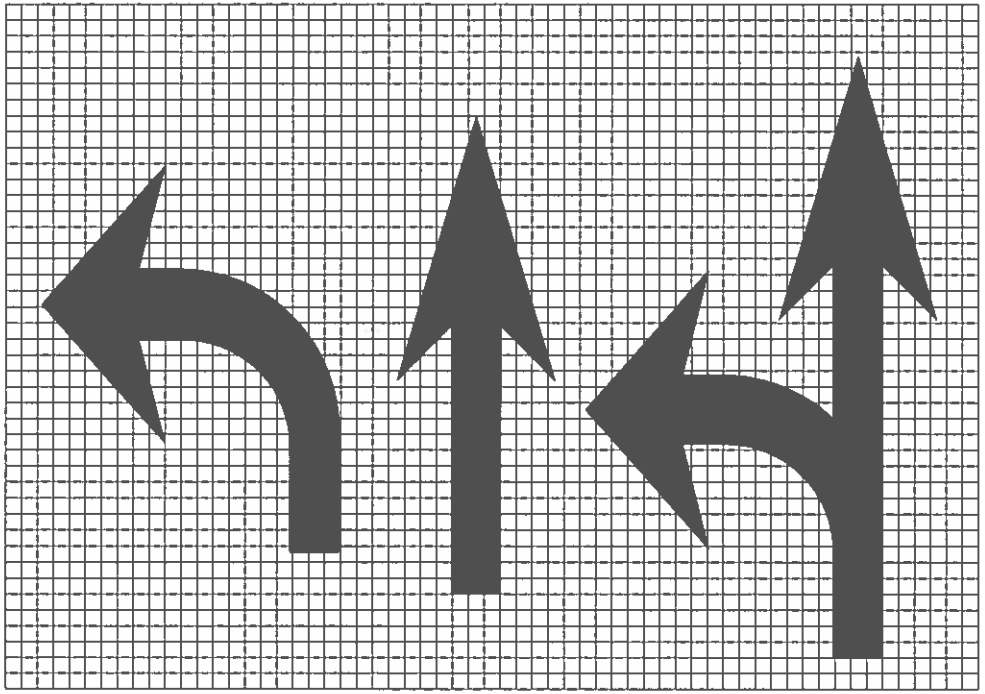
DATE	REVISIONS
1-1-15	Added symbols. Revised
	bike symbol. Revised note
	for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed
	'LANE DROP ARROW' detail to
	'LANE-REDUCTION ARROW'.

TYPICAL PAVEMENT MARKINGS

(Sheet 1 of 3)

STANDARD 780001-05





Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF OPERATIONS

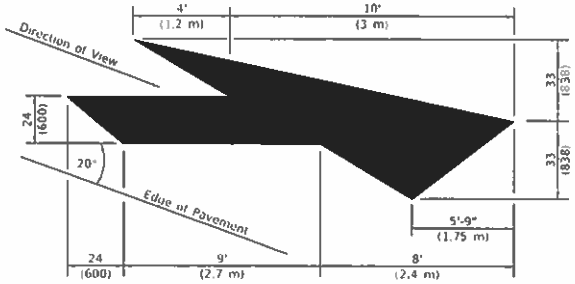
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

SSRD 1-1-15

TYPICAL PAVEMENT MARKINGS

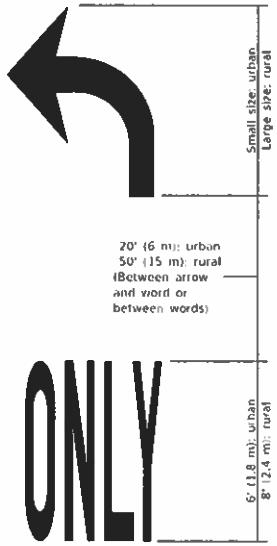
(Sheet 2 of 3)

STANDARD 780001-05

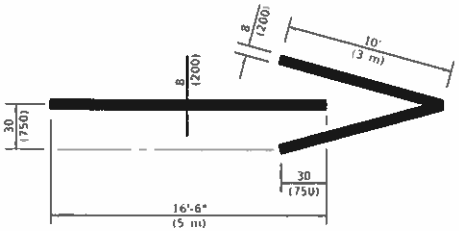


LANE-REDUCTION ARROW

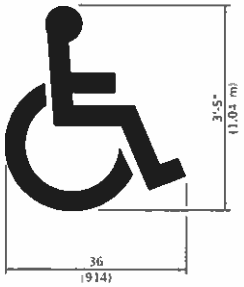
Right lane-reduction arrow shown.
Use mirror image for left lane.



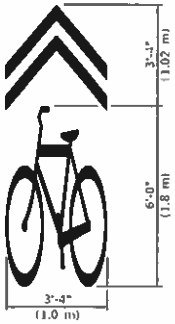
WORD AND ARROW LAYOUT



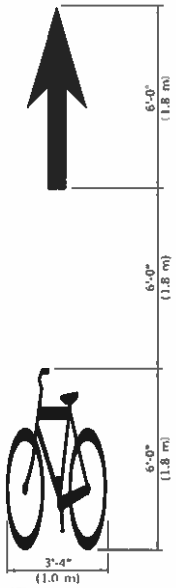
WRONG WAY ARROW



INTERNATIONAL SYMBOL OF ACCESSILITY



SHARED LANE SYMBOL



BIKE SYMBOL

(Arrow is optional.)

Illinois Department of Transportation

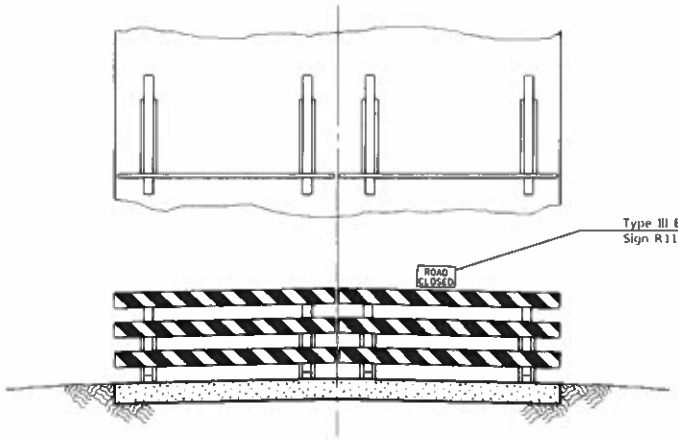
PASSED January 8, 2015
ENGINEER OF OPERATIONS

APPROVED January 8, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

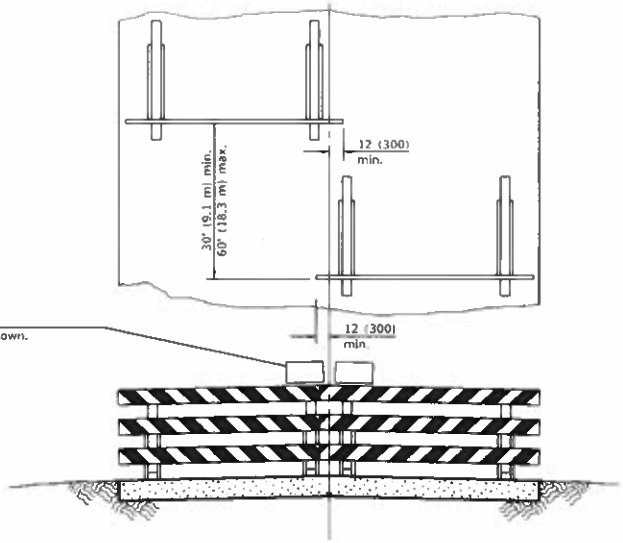
TYPICAL PAVEMENT MARKINGS

(Sheet 3 of 3)

STANDARD 780001-05

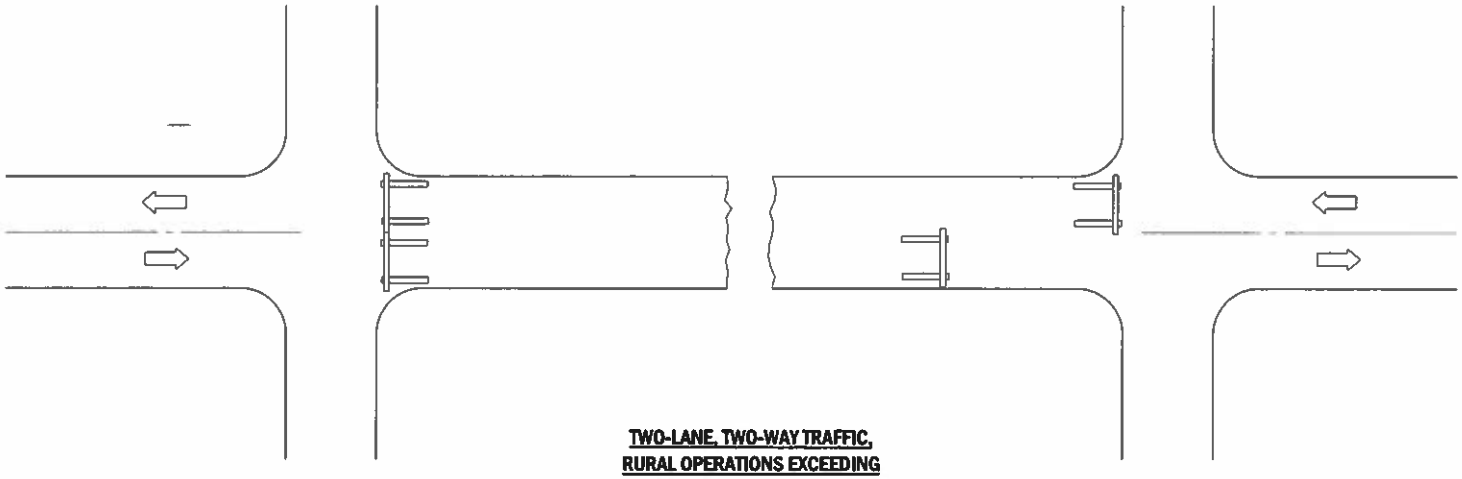


Type III Barricades with Standard Sign R11-2 or R11-4 mounted as shown.



Resident traffic and day labor force's equipment to use road shoulder for passing barricade.

Use when shoulders are too narrow for passage of traffic.



TWO-LANE, TWO-WAY TRAFFIC, RURAL OPERATIONS EXCEEDING ONE DAYLIGHT PERIOD

GENERAL NOTES

Type III barricades to be width of pavement only.

Reflectorized striping shall appear on both sides of barricades. Barricades shall be positioned so that stripes slope downward toward the side on which traffic is to pass.

Although not shown, advance warning signs with minimum dimensions of 36x36 (900x900) and black legends on orange reflectorized backgrounds shall be utilized where needed.

This case is for use on rural local roads where the local authority considers this protection to be appropriate for the specific job conditions.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

REVISED January 1, 2009

ENGINEER OF LOCAL ROADS AND STREETS

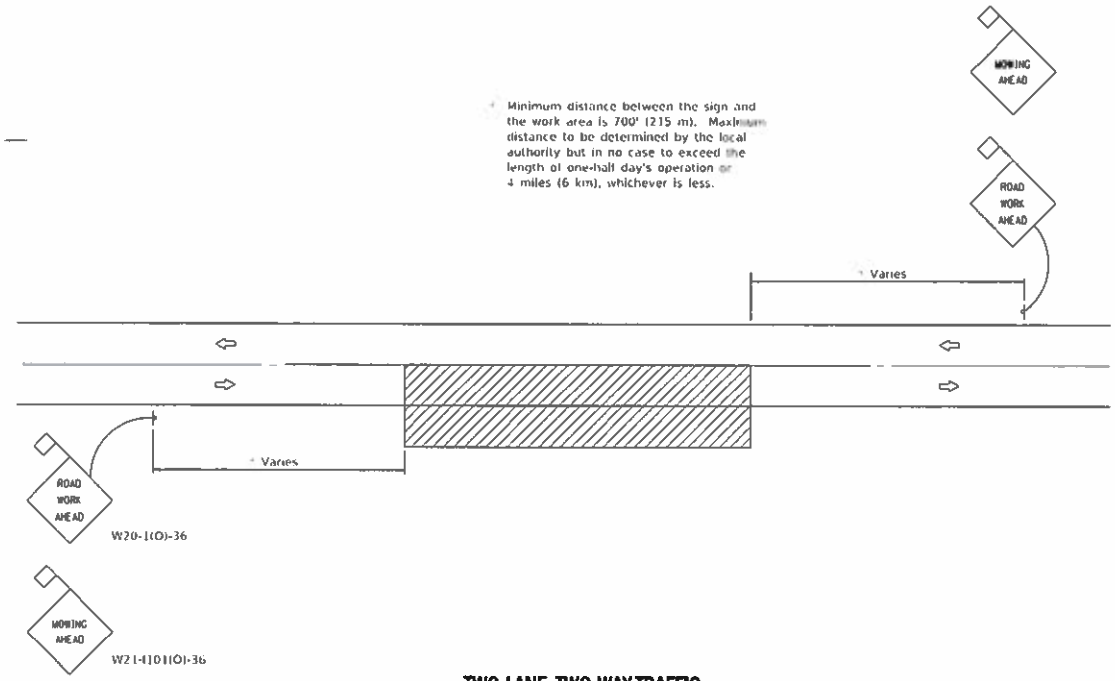
APPROVED January 1, 2009

ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-98	Rev. "R11-1" to "R11-4". Rev. 4th General Note.

TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

STANDARD B.L.R. 17-4



TWO-LANE, TWO-WAY TRAFFIC
RURAL OPERATIONS
DAY OPERATIONS ONLY

SYMBOLS

Work area

Sign with 18x18 (450x450) min. orange flag attached.

TYPICAL APPLICATIONS

MOWING
SPREADING AGGREGATE
WEED SPRAYING
SURFACE MAINTENANCE
BITUMINOUS RESURFACING
CRACK POURING
SHOULDER REPAIR
CLEANING DITCHES

GENERAL NOTES

Maintenance operations shall be confined to one traffic lane, leaving the opposite lane open to traffic. At least 500' (150 m) of both traffic lanes shall be available for traffic movement between work areas at intervals not greater than 1000' (300 m).

When operations are on the pavement and stationary or moving at a speed less than 4 mph (6 kph), a ONE LANE AHEAD, or other appropriate sign, shall be installed in each direction between the ROAD WORK AHEAD sign and the work area. The distance between this sign and the work area shall be a minimum of 400' (120 m) but in no case to exceed the length of one-half day's operation or 4 miles (6 km), whichever is less. The distance between the two signs shall be approximately 400' (120 m).

All signs are to be removed at completion of the day's operation.

Any unattended obstacle, excavation, or pavement drop off greater than 3 (75) in the work area shall be protected by Type I or Type II barricades with flashing lights.

Longitudinal dimensions may be adjusted slightly to fit field conditions.

All vehicles, equipment, men, and their acitvities are restricted at all times to one side of the pavment.

Flashing lights or rotating beacons are required for all maintenance vehicles while in operation.

Applicable operations illustrated in Standard 701301 may be used when operations do not exceed 15 minutes on the pavement or 60 minutes on the shoulder respectively.

All warning signs shall have minimum dimensions of 36x36 (900x900) and have black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

This case is for use on rural local roads where the local authority considers this protection to be appropriate for the specific job conditions.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 8, 2015
ENGINEER OF LOCAL ROADS AND STREETS
APPROVED January 8, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-15	Corrected RWA sign number.
1-1-09	Switched units to
	English (metric). Moved
	one General Note.

TRAFFIC CONTROL DEVICES-DAY LABOR MAINTENANCE

STANDARD B.L.R. 18-6

Engineer's Opinion of Probable CostSummary of Quantities
Forest Park 2022 Alley Improvements
0023 BG0108

SP	PAY ITEM NUMBER	PAY ITEM NAME	UNIT	400 ELGIN-HARLEM	1100 ELGIN-HARLEM	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
	20200100	EARTH EXCAVATION	CY	127	315	442	$	[redacted]
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	15	30	45	$	[redacted]
*	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY	15	30	45	$	[redacted]
*	20800250	TRENCH BACKFILL, SPECIAL (CA-7)	CY	0	5	5	$	[redacted]
	28000510	INLET FILTERS	EACH	0	8	8	$	[redacted]
	31101400	SUBBASE GRANULAR MATERIAL TYPE B, 6"	SY	325	850	1175	$	[redacted]
*	42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SY	325	850	1175	$	[redacted]
*	42001650	PAVEMENT FABRIC (SPECIAL)	SY	325	850	1175	$	[redacted]
*	42400430	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	SF	130	100	230	$	[redacted]
	44000600	SIDEWALK REMOVAL	SF	130	100	230	$	[redacted]
*	44004400	PAVEMENT REMOVAL (SPECIAL)	SY	325	850	1175	$	[redacted]
	5510300	STORM SEWER REMOVAL 8"	LF	0	8	8	$	[redacted]
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	0	1	1	$	[redacted]
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	0	1	1	$	[redacted]
	60500050	REMOVING CATCH BASINS	EACH	0	2	2	$	[redacted]
*	70101700	TRAFFIC CONTROL AND PROTECTION	L. SUM	0.5	0.5	1	$	[redacted]
*	Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	10	10	20	$	[redacted]
*	Z0013798	CONSTRUCTION LAYOUT	L. SUM	0.5	0.5	1	$	[redacted]
*	XX003668	PRECONSTRUCTION VIDEO TAPING	L. SUM	0.5	0.5	1	$	[redacted]
*	N/A	BRICK DRIVEWAY REMOVAL AND REPLACEMENT	SY	0	50	50	$	[redacted]
*	N/A	CORED CONNECTION TO STRUCTURE / SEWER	EACH	0	4	4	$	[redacted]
*	N/A	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	218	0	218	$	[redacted]
*	N/A	DETECTABLE WARNINGS FOR PEDESTRIAN CROSSINGS, FURNISH AND INSTALL	EACH	4	4	8	$	[redacted]
*	N/A	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SY	70	160	230	$	[redacted]
*	N/A	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 8"	SY	70	200	270	$	[redacted]
*	N/A	STRUCTURE TO BE ADJUSTED	EACH	3	4	7	$	[redacted]
*	N/A	TENSAR GEOGRID	SY	325	850	1175	$	[redacted]
*	N/A	EDGE SLOPE ADJUSTMENT	LF	40	140	180	$	[redacted]
	N/A	ITEMS ORDERED BY ENGINEER	L.SUM	0.5	0.5	1	$	[redacted]
*	N/A	STORM SEWERS, 8" (SPECIAL)	FOOT	0	32	32	$	[redacted]

RESOLUTION NO. R-_____-22

RESOLUTION APPROVING AND RATIFYING THE EXECUTION OF CHANGE ORDER NO. 2 TO THE CONTRACT WITH TECORP, INC. FOR THE REHABILITATION OF THE NORTH WATER TANK PROJECT

WHEREAS, the Village of Forest Park, Cook County, Illinois ("Village"), previously awarded the contract ("Contract") for the Rehabilitation of the North Water Tank Project ("Project") to Tecorp, Inc. ("Contractor") for the original Contract Price of One Million Forty-Nine Thousand Three Hundred Dollars ($1,049,300.00), plus interim Change Order No. 1 in the amount of Fourteen Thousand Two Hundred Fifty Dollars ($14,250.00) for a Contract total of One Million Sixty-Three Thousand Five Hundred Fifty Dollars ($1,063,550.00); and

WHEREAS, the Contractor has prepared and submitted, and Christopher B. Burke Engineering, Ltd., Village Engineer, on behalf of the Village, has reviewed and recommended balancing Change Order No. 2 to the Contract, which reflects work deducted and added, in addition to the approved Contract, as amended, to be included in the Project, a copy of which Change Order No. 2 is attached hereto and made a part hereof as Exhibit A; and

WHEREAS, balancing Change Order No. 2 to the Contract decreases the Contract Price by Ninety-Three Thousand Six Hundred Seventy Dollars ($93,670.00) for an adjusted Contract total of Nine Hundred Sixty-Nine Thousand Eight Hundred Eighty Dollars ($969,880.00); and

WHEREAS, it is necessary that the Mayor and Council of the Village approve Change Order No. 2 to the Contract.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Council of the Village of Forest Park, Cook County, Illinois, as follows:

Section 1. The statements contained in the preambles to this Resolution are found to be true and correct and are hereby incorporated into this Resolution.

Section 2. The Council of the Village hereby approves Change Order No. 2 to the Contract.

Section 3. The Village Administrator be and is hereby authorized to execute Change Order No. 2, as attached hereto and made a part hereof as Exhibit A.

Section 4. The Village officials, officers, employees and agents are hereby authorized and execute all documents, as are necessary to effectuate and carry out Change Order No. 2 to the Contract.

Section 5. This Resolution shall be in full force and effect upon its passage in the manner provided by law.

ADOPTED by the Council of the Village of Forest Park, Cook County, Illinois this 8th day of August, 2022.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED by me this 8th day of August, 2022.

_____
Rory E. Hoskins, Mayor

ATTESTED and filed in my office,
and published in pamphlet form
this _____ day of August, 2022.

_____
Vanessa Moritz, Clerk

EXHIBIT A

CHANGE ORDER NO. 2 TO CONTRACT WITH TECORP, INC. FOR THE REHABILITATION OF THE NORTH WATER TANK PROJECT

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

July 26, 2022

Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60137

Attention: Moses Amidei
Village Administrator

Subject: Rehabilitation of the 500,000 Gallon Hydropillar High Tank (North Tank)
Located at 7435 Franklin Street
Village of Forest Park
Change Order #2
(CBBEL Project No. 000023.00095)

Dear Moses:

As requested by the Village, CBBEL solicited a proposal for removal of existing fence and guardrail, install new pedestrian gate, install 4 new J hooks in access tube, and deductive price for overcoat on exterior of tank. The contractor has submitted their proposal for Change Order #2 for removal of existing fence and guardrail, install new pedestrian gate, install 4 new J hooks in access tube, and deductive price for overcoat on exterior of tank. This work was not part of the original scope of work when the contract was bid or awarded.

The cost associated with the above work is $(93,670.00) and changes to the total contract amount are listed below.

Current Contract Amount	$1,063,550.00
Cost of Change Order #2 (Additional Items)	$ (93,670.00)
New Contract Amount	$ 969,880.00

It is CBBEL's recommendation that this work be completed at this time and it is germane to the overall project completion. Please execute the attached change order so we can authorize the contractor to complete this work.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Gerald A. Hennelly
Senior Project Manager
Mechanical/Electrical Engineering Department

Cc: Salvatore Stella, Village of Forest Park
Katie Murphy, Village of Forest Park
Jim Amelio, CBBEL
Nick Visvardis, Tecorp Inc.

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Village of Forest Park
Change Order

Change Order No. : 2

Date : 07/26/2022

Agreement Date : 02/08/2021

Name of Project: Rehabilitation of the 500,000 Gallon Hydropillar High Tank (North)

Owner: Village of Forest Park

Contractor: Tecorp, Inc.

CHANGES TO THE CONTRACT DOCUMENTS (Describe and/or attach description/justification)

Remove existing fence and guardrail at site, install new pedestrian gate, and install 4 new J hooks in access tube. Deductive price for overcoat on exterior of tank.

CHANGES TO THE CONTRACT PRICE

Current CONTRACT PRICE adjusted by previous CHANGE ORDER(s) =	$	1,063,550.00
Remove Existing Fence and Guardrail at Site & Install New Pedestrian Gate	$	17,830.00
Install 4 New J Hooks in Access Tube	$	9,250.00
Deductive Price for Overcoat on Exterior of Tank	$	(120,750.00)
The CONTRACT PRICE due to this CHANGE ORDER will be (increased) =	$	(93,670.00)
The new CONTRACT PRICE including this CHANGE ORDER will be =	$	969,880.00

CHANGE TO CONTRACT TIME

CONTRACT TIME will be (Increased) by calendar days:	NA
The Date for final completion of all work shall be:	NA

Prepared By CONTRACTOR: Tecorp, Inc. (date) _____

Reviewed By ENGINEER: Jim Amelio (date) _____

Accepted By OWNER: Village of Forest Park (date) _____

Village of Forest Park

Rehabilitation of the 500 MMG Gallon Hydropillar High Tank (North)

CBBEL Project No. 000023.00095

Pay Request Balancing 2

Date: 07/26/22

ITEM NO.	DESCRIPTION OF WORK	UNIT	QUANTITY	UNIT PRICE	SCHEDULED VALUE	UNITS FROM PREVIOUS INVOICES	UNITS THIS PERIOD	TOTAL UNITS COMPLETED TO DATE	BALANCE TO FINISH	TOTAL VALUE COMPELTED THIS PERIOD	TOTAL VALUE COMPLETED TO DATE	BALANCE TO FINISH	5% RETAINAGE
05 50 00/01	CONTINUOUS WELD SEAMREPAIRS	LIN. FT.	100	$ 150.00	$15,000.00	0.00	0.00	0.00	100.00	$0.00	$0.00	$15,000.00	$0.00
05 50 00/02	INTERIOR PIN HOLES WELD REPAIRS	EACH	1500	$ 27.00	$40,500.00	0.00	0.00	0.00	1500.00	$0.00	$0.00	$40,500.00	$0.00
05 50 00/03	ROOF PIN HOLE WELD REPAIRS	LUMP SUM	1	$ 6,000.00	$6,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$6,000.00	$0.00
05 50 00/04	INSTALL NEW SAFETY GRABS	LUMP SUM	1	$ 3,000.00	$3,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$3,000.00	$0.00
05 50 00/05	REMOVE AND REPLACE EXISTING HANDRAIL	LUMP SUM	1	$ 24,000.00	$24,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$24,000.00	$0.00
05 50 00/06	INSTALL ANTENNA CABLE CASING PIPES	LUMP SUM	1	$ 48,000.00	$48,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$48,000.00	$0.00
05 52 13/01	REMOVE AND REPLACE EXISTING ROOF VENT	LUMP SUM	1	$ 7,500.00	$7,500.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$7,500.00	$0.00
05 52 13/02	REMOVE EXISITNG CAT WALK	LUMP SUM	1	$ 2,000.00	$2,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$2,000.00	$0.00
05 52 13/03	REMOVE AND REPLACE EXISITNG INTERIOR WET AND EXTERIOR LADDER AND NEW VALVE VAULT LADDER	LUMP SUM	1	$ 16,000.00	$16,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$16,000.00	$0.00
05 52 13/04	REMOVE AND REPLACE EXISTING ROOF HATCHES	LUMP SUM	1	$ 8,500.00	$8,500.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$8,500.00	$0.00
05 52 13/05	RELOCATE EXISTING ANTENNA MAST	LUMP SUM	1	$ 3,000.00	$3,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$3,000.00	$0.00
05 52 13/06	REMOVE AND REPLACE EXISTING EXPANSION JOINT AND VALVE VAULT/RISER PIPING IN KIND	LUMP SUM	1	$ 22,000.00	$22,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$22,000.00	$0.00
09 91 13/01	INTERIOR WET SURFACES; ALL SURFACE PREP, PRIMING AND PAINTING	LUMP SUM	1	$ 178,000.00	$178,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$178,000.00	$0.00
09 91 13/02	EXTERIOR SURFACES; ALL SURFACE PREP, PRIMING AND PAINTING	LUMP SUM	1	$ 410,000.00	$410,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$410,000.00	$0.00
09 91 13/03	INTERIOR DRY SURFACES; PIT AND RISER PIPING, ALL SURFACE PREP, PRIMING AND PAINTING	LUMP SUM	1	$ 65,000.00	$65,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$65,000.00	$0.00
09 91 13/04	PROPER AND LEGAL DISPOSAL OF PAINT CHIPS/FLAKES AND OTHER DEBRIS	LUMP SUM	1	$ 5,000.00	$5,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$5,000.00	$0.00
09 91 13/05	CONTAINMENT	LUMP SUM	1	$ 120,000.00	$120,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$120,000.00	$0.00
11 20 00/01	WATER STRATIFICATION EQUIPMENT	LUMP SUM	1	$ 23,000.00	$23,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$23,000.00	$0.00
26 42 00/01	CATHODIC PROTECTION	LUMP SUM	1	$ 16,000.00	$16,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$16,000.00	$0.00
26 42 00/02	SERVICE AGREEMENT	LUMP SUM	1	$ 1,000.00	$1,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$1,000.00	$0.00
26 56 00/01	LIGHTING AND ELECTRICAL EQUIPMENT REMOVAL AND REPLACEMENT	LUMP SUM	1	$ 8,000.00	$8,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$8,000.00	$0.00
27 51 25/01	MODIFICATIONS TO EXISTING SCADA SYSTEM	LUMP SUM	1	$ 3,800.00	$3,800.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$3,800.00	$0.00
32 31 13/01	HIGH SECURITY CHAIN LINK FENCING AND GATES	LUMP SUM	1	$ 24,000.00	$24,000.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$24,000.00	$0.00
CO #1	ADDITIONAL ITEMS ORDERED BY VILLAGE	LUMP SUM	1	$ 14,250.00	$14,250.00	0.00	0.00	0.00	1.00	$0.00	$0.00	$14,250.00	$0.00
CO #2	ADDITIONAL ITEMS ORDERED BY VILLAGE & DEDUCT FOR EXTERIOR OVERCOAT*	LUMP SUM	1	$ (93,670.00)	$ (93,670.00)	0.00	0.00	0.00	1.00	$0.00	$0.00	$ (93,670.00)	$0.00
				SUBTOTAL CONSTRUCTION COST=	**$969,880.00**					**$0.00**	**$0.00**	**$969,880.00**	**$0.00**

* See attached summary sheet

TOTAL CONTRACT VALUE	**$969,880.00**
TOTAL VALUE COMPLETED TO DATE	**$0.00**
TOTAL AMOUNT PAID TO DATE	**$0.00**
5% RETAINAGE	**$0.00**
TOTAL AMOUNT DUE THIS PERIOD	**$0.00**

Village of Forest Park

Rehabilitation of the 500 MMG Gallon Hydropillar High Tank (North)

CBBEL Project No. 000023.00095

Change Order 2 Summary

ITEM NO.	DESCRIPTION OF WORK	UNIT	QUANTITY	UNIT PRICE	SCHEDULED VALUE
1	REMOVE EXISTING FENCE AND GUARDRAIL	LUMP SUM	1	$ 12,580.00	$ 12,580.00
2	INSTALL PEDESTRIAN GATE	LUMP SUM	1	$ 5,250.00	$ 5,250.00
3	INSTALL 4 NEW J HOOKS IN ACCESS TUBE	LUMP SUM	1	$ 9,250.00	$ 9,250.00
4	DEDUCTIVE PRICE FOR OVERCOAT ON EXTERIOR OF TANK	LUMP SUM	1	$ (120,750.00)	$ (120,750.00)
				TOTAL CHANGE ORDER COST=	**$ (93,670.00)**

2221 Muriel Court
Joliet, Illinois 60433

Phone: 815-726-9192
Fax: 815-726-9245
Email: Tvisvardis@tecorp.us

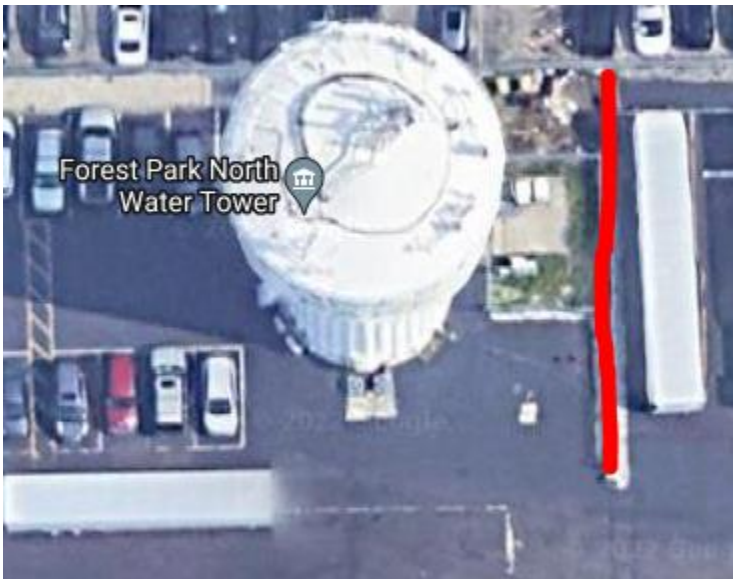
July 15, 2022

Christopher Burke Engineering
Gerald Hennelley
9575 W. Higgins Road. Suite 600
Rosemont, IL 60018

RE: Village of Forest Park water tower rehab.

The following is a proposal for the additional items requested for the water towers in North Forest Park Illinois.

Item 1.
Remove existing fence and guardrail to grade or below running along east side of water tower. (the area in red on the below picture.)



Total cost to perfom $12,580.00

Item 2.

Install pedestrian gate for Farmington employees.
Total Price $5,250.00

Item 3.

Alternate exterior coating system.
Sherwin Williams inspected the tower and gave a recommendation for a overcoat system that will allow us to compltete this project in the restricted schedule time.

I will email you the speciifcation written by Sherwin Williams for the overcoat system.

Deductive Price for Overcoat on exteiror of Tank: - $120,750.00

If you have any questions regarding this please call my cell at 708-745-8313

Respectfully Submitted

Telly Visvardis
Tecorp, Inc.

TECORP

2221 Muriel Court
Joliet, Illinois 60433

Phone: 815-726-9192
Fax: 815-726-9245
Email: Tvisvardis@tecorp.us

July 15, 2022

Christopher Burke Engineering
Gerald Hennelley
9575 W. Higgins Road. Suite 600
Rosemont, IL 60018

RE: Village of Forest Park water tower rehab.

The following is a proposal for the additional items requested for the water towers in North Forest Park Illinois.

Item 1.
Install 4 J Hooks in access tube on top of 6" cable conduits to be installed, Install Roof Cable supports per attached drawing provided by T-mobile form access tube to handrail, provide cable routing on handrail per attached drawing from T-mobile. Tecorp is installing a 20' Diameter handrail constructed of 2"x2"x3/8" angle as per attached drawing . This item is part of the original bid the cable routing will be mounted on this handrail approximately every 36"

Total additional price for the above items is:

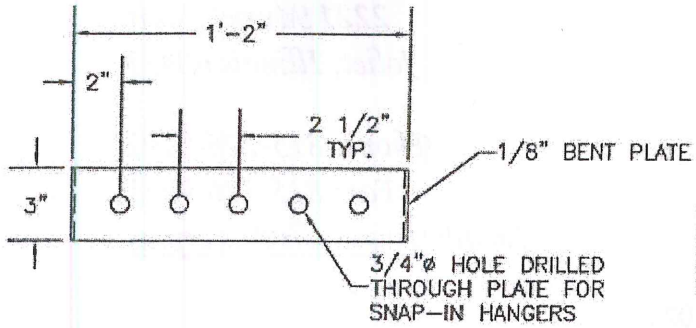
$9,250.00

Tecorp is not including any pipes for antenna mounting or mounting of any antenna mount pipes or brackets.

If you have any questions regarding this please call my cell at 708-745-8313

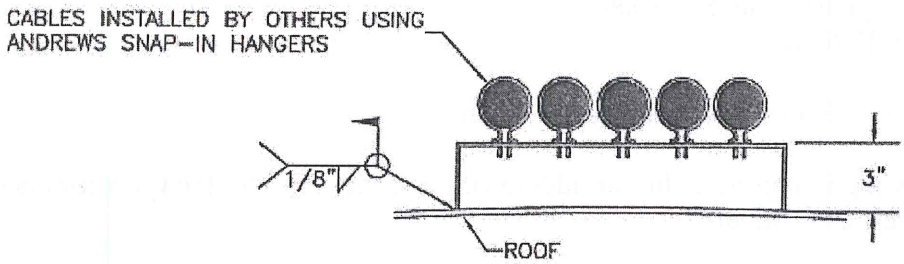
Respectfully Submitted

Telly Visvardis
Tecorp, Inc.

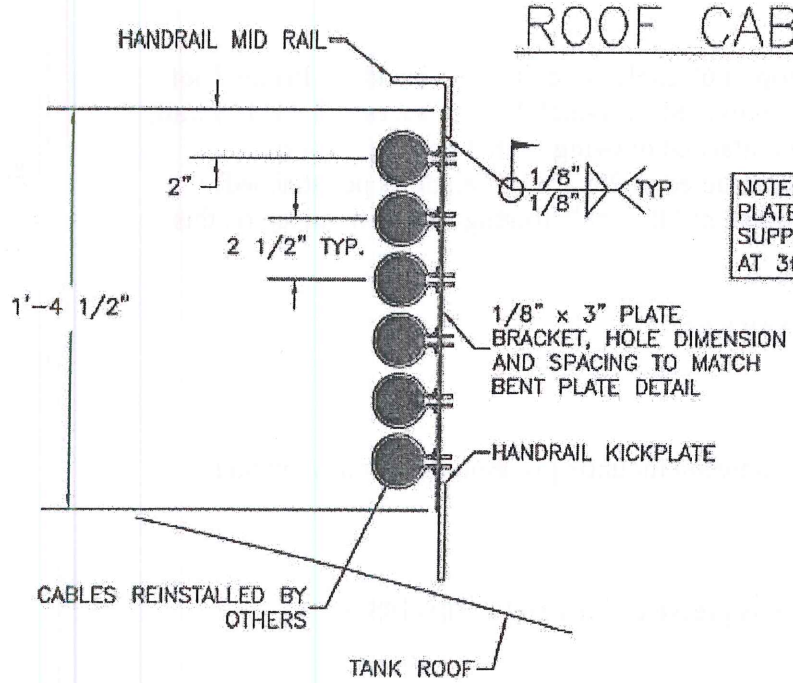


NOTE: CONTRACTOR TO WELD PLATES TO ROOF TO SUPPORT CABLES SPACED AT 36" MINIMUM.

ROOF COAX PLAN VIEW



ROOF CABLE SUPPORT



NOTE: CONTRACTOR TO WELD PLATES TO ROOF HANDRAIL TO SUPPORT COAX CABLES SPACED AT 36" MINIMUM.

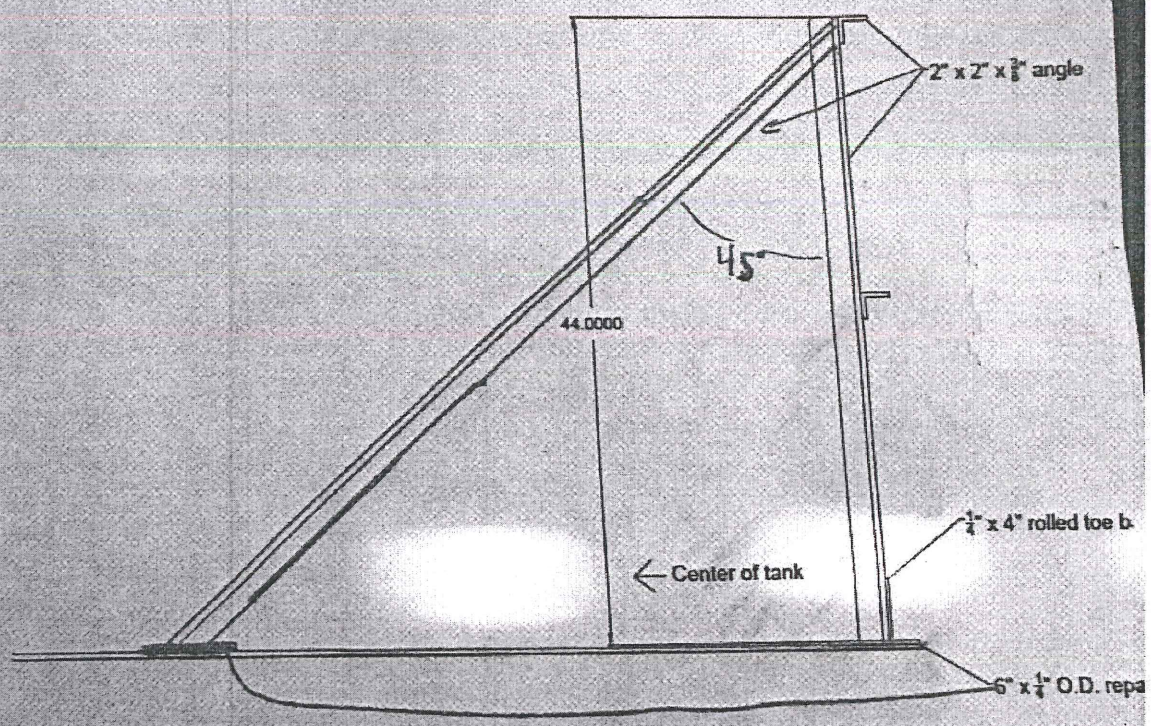
Note: Drawing not to scale.

CABLE ROUTING ON HANDRAIL

ROOF HANDRAIL

NOTES:

1. Handrail to be rolled leg out.
2. Posts to constructed of 2"x2"x3/8" Angle and spaced every 6'. Post base plates will be 6" Dia. X ¼".
3. All steel intersections will be completely seal welded with a 3/16" Continuous Fillet Weld.
4. Top Rail and Mid rail to be constructed of 2"x2"x3/8" Angle, Toe bar to be constructed from 4" x ¼" Steel bar.
5. Handrail is 20' Diameter centered on tank roof.
6. Post angle bracing is on every other upright and will be constructed of 2"x2"x3/8" angle. Braces will be placed on a 45 Deg. Angle from the post.



Tecorp, Inc.	Forest Park 500,000 Gallon Fluted Column
20' Diameter Roof Handrail	
	NOT TO SCALE

SHERWIN-WILLIAMS.
Protective & Marine Coatings

Sherwin-Williams
920 S Jefferson St.
Chicago, IL 60607

July 26, 2022

Mr. Gerry Hennelley
Christopher Burke Engineering
9575 W Higgins Rd Ste 600
Rosemont, IL 60018

Re: Forest Park 500K Hydropillar Tank - Overcoat System

Gerry,

I would like to confirm that this tank is in good shape and is eligible to be overcoated to extend the life of this tank. The benefit of overcoating this tank would be to offer a savings to the owner along with still giving them an excellent coating system. The Fluoropolymer finish coat that you specifying offers the owner a coating that has superior color and gloss retention.

Our Fluorokem HS100 will offer a life expectancy of 15-25 years depending on the colors selected. This will ensure that tank looks excellent for many years to come.

Sincerely,

Don Berry

Don Berry
Sherwin Williams Protective & Marine Representative
Water & Waste Water Specialist
NACE Coatings Inspector Level 3 Certified # 50014
Cell # 312-590-5744

Protective & Marine Coatings
PRODUCT DATA SHEET

MACROPOXY® 646
FAST CURE EPOXY

Revised: May 13, 2019

PRODUCT DESCRIPTION

MACROPOXY 646 Fast Cure Epoxy is a high solids, high build, fast drying, polyamide epoxy designed to protect steel and concrete in industrial exposures. Ideal for maintenance painting and fabrication shop applications. The high solids content ensures adequate protection of sharp edges, corners, and welds. This product can be applied directly to marginally prepared steel surfaces.

INTENDED USES

- Recommended for marine applications, refineries, offshore platforms, fabrication shops, chemical plants, tank exteriors, power plants, water treatment plants, and mining and minerals industry
- Mill White and Black are acceptable for immersion use for salt water and fresh water, not acceptable for potable water

PRODUCT DATA

Finish: Semi-Gloss

Colors: Mill White, Black and a wide range of colors available through tinting

Volume Solids: 72% ± 2%, mixed, Mill White

VOC (mixed): Unreduced: <250 g/L; 2.08 lb/gal
Reduced 10%: <300 g/L; 2.50 lb/gal

Mix Ratio: 1:1 by volume

Typical Thickness:

Recommended Spreading Rate per coat:

	Minimum		Maximum	
Wet mils (microns)	**7.0**	(175)	**13.5**	(338)
Dry mils (microns)	**5.0***	(125)	**10.0**	(250)
~Coverage sq ft/gal (m^2/L)	**115**	(2.9)	**230**	(5.8)
Theoretical coverage **sq ft/gal** (m^2/L) @ 1 mil / 25 microns dft	**1152**	(28.2)		

*May be applied at 3.0-10.0 mils (75-250 microns) dft as an intermediate in a multicoat system.

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Shelf Life: 36 months, unopened
Store indoors at 40°F (4.5°C) to 110°F (43°C).

Flash Point: 91°F (33°C), TCC, mixed

Reducer/Clean Up: Reducer #15 or Reducer #58
(California) Reducer #111 or Oxsol 100

Weight: 12.9 ± 0.2 lb/gal ; 1.55 Kg/L, mixed, may vary by color

Average Drying Times @ 7.0 mils (175 microns) wet:

	35°F (1.7°C) *50% RH*	77°F (25°C) *50% RH*	100°F (38°C) *50% RH*
Touch:	4-5 hours	2 hours	1.5 hours
Handle:	48 hours	8 hours	4.5 hours
Recoat:			
minimum:	48 hours	8 hours	4.5 hours
maximum:	1 year	1 year	1 year
Cure to service:			
atmospheric:	10 days	7 days	4 days
immersion:	14 days	7 days	4 days

Average Drying Times as intermediate @ 5.0 mils (125 microns) wet:

Touch:	3 hours	1 hour	1 hour
Handle:	48 hours	4 hours	2 hours
Recoat:			
minimum:	16 hours	4 hours	2 hours
maximum:	1 year	1 year	1 year

If maximum recoat time is exceeded, abrade surface before recoating.
Drying time is temperature, humidity, and film thickness dependent.
Paint temperature must be 40°F (4.5°C) minimum.

Pot Life:	10 hours	4 hours	2 hours
Sweat-in-time:	30 minutes	30 minutes	15 minutes

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Minimum recommended surface preparation:

Iron & Steel: Atmospheric: SSPC-SP2/3/ ISO8501-1:2007 St 2 or SSPC-SP WJ-3 / NACE WJ-3L
Immersion: SSPC-SP10 / NACE 2/ ISO8501-1:2007 Sa 2.5, 2-3 mil (50-75 micron) profile or SSPC-SP WJ-2/NACE WJ-2L

Aluminum & Galvanizing: SSPC-SP1

Concrete & Masonry: Atmospheric: SSPC-SP13/NACE 6, or ICRI No. 310.2R CSP 1-3
Immersion: SSPC-SP13/NACE 6-4.3.1

Protective & Marine Coatings
PRODUCT DATA SHEET

MACROPOXY® 646
FAST CURE EPOXY

APPLICATION

Airless Spray*
Pump.....30:1
Pressure.....2800-3000 psi (193-206 bar)
Hose.....1/4" ID (6.3 mm)
Tip.....017"-.023" (0.43-0.58 mm)
Filter.....60 mesh
Reduction.....As needed up to 10% by volume

Conventional Spray*
Gun .....DeVilbiss MBC-510
Fluid Tip .....E
Air Nozzle.....704
Atomization Pressure.....60-65 psi (4.1-4.5 bar)
Fluid Pressure .....10-20 psi (0.7-1.4 bar)

Brush*
Brush.....Nylon/Polyester or Natural Bristle

Roller*
Cover .....3/8" woven with solvent resistant core

Plural Component Spray ..Acceptable

*Reduction.....As needed up to 10% by volume

If specific application equipment is not listed above, equivalent equipment may be substituted.

RECOMMENDED SYSTEMS

Dry Film Thickness / ct.		Mils	(Microns)
Steel, Immersion & Atmospheric			
2 Cts.	Macropoxy 646	5.0-10.0	(125-250)
Steel, Organic Zinc Primer, Atmospheric			
1 Ct.	Zinc Clad IV (85)	3.0-5.0	(75-125)
1 Ct.	Macropoxy 646	5.0-10.0	(125-250)
Steel, Inorganic Zinc Primer, Atmospheric			
1 Ct.	Zinc Clad II (85)	2.0-4.0	(50-100)
1 Ct.	Macropoxy 646	5.0-10.0	(125-250)
Steel, Organic Zinc/Epoxy/Urethane Topcoat			
1 Ct.	Zinc Clad IV (85)	3.0-5.0	(75-125)
1 Ct.	Macropoxy 646	3.0-10.0	(75-250)
1 Ct.	Acrolon 7300	2.0-4.0	(50-100)
Steel, Inorganic Zinc/Epoxy/Urethane Topcoat			
1 Ct.	Zinc Clad II (85)	2.0-4.0	(50-100)
1 Ct.	Macropoxy 646	3.0-10.0	(75-250)
1 Ct.	Acrolon 7300	2.0-4.0	(50-100)
Steel, Organic Zinc/Epoxy/Polysiloxane Topcoat, Atmospheric			
1 Ct.	Zinc Clad IV (85)	3.0-5.0	(75-125)
1 Ct.	Macropoxy 646	3.0-10.0	(75-250)
1-2 Cts.	Sher-Loxane 800	2.0-4.0	(50-100)
Concrete/Masonry, Smooth, Immersion & Atmospheric			
2 Cts.	Macropoxy 646	5.0-10.0	(125-250)

The systems listed above are representative of the product's use, other systems may be appropriate.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

APPLICATION CONDITIONS

Temperature:
Air: 35°F (1.7°C) minimum, 120°F (49°C) maximum
Surface*: 35°F (1.7°C) minimum, 250°F (120°C) maximum
Material: 40°F (4.5°C) minimum
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

*When spraying a surface above 120°F (49°C), reduce material 10% with Reducer #100, R7K100. Spray apply only. Product will produce an orange peel appearance when applied at elevated temperatures.

APPROVALS

- Suitable for use in USDA inspected facilities
- Acceptable for use in Canadian Food Processing facilities, categories: D1, D2, D3 (Confirm acceptance of specific part numbers/rexes with your SW Sales Representative)
- Conforms to AWWA D102 OCS #5
- Conforms to MPI # 108
- This product meets specific design requirements for non-safety related nuclear plant applications in Level II, III and Balance of Plant, and DOE nuclear facilities*
- Meets Class A requirements for Slip Coefficient, 0.36 @ 6 mils / 150 microns dft (Mill White only)

* Nuclear qualifications are NRC license specific to the facility

ADDITIONAL NOTES

Tint Part A with Maxitoners at 150% strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Tinting is not recommended for immersion service.

Quik-Kick Epoxy Accelerator is acceptable for use. See data page for details.

Acceptable for concrete floors.

When spraying a surface above 120°F (49°C), reduce material 10% with Reducer #100. Spray apply only. Product will produce an orange peel appearance when applied at elevated temperatures.

Topcoating: It is recommended to apply a thinned-down, low wet film thickness mist coat over zinc rich primers to help avoid outgassing. Allow it to tack up and seal the surface. Then apply a full wet film thickness coat as directed.

Mix contents of each component thoroughly with low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine one part by volume of Part A with one part by volume of Part B. Thoroughly agitate the mixture with power agitation. Allow the material to sweat-in as indicated prior to application. Re-stir before using.

HEALTH AND SAFETY

Refer to the SDS sheet before use.
Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.

Protective & Marine Coatings

ACROLON™ 218 HS
ACRYLIC POLYURETHANE

PART A	B65-600	GLOSS SERIES
PART A	B65-650	SEMI-GLOSS SERIES
PART B	B65V600	HARDENER

Revised: July 6, 2020

PRODUCT INFORMATION

5.22

PRODUCT DESCRIPTION

ACROLON 218 HS is a polyester modified, aliphatic, acrylic polyurethane formulated specifically for in-shop applications. Also suitable for industrial applications. A fast drying, urethane that provides color and gloss retention for exterior exposure.

- Can be used directly over organic zinc rich primers (epoxy zinc primer and moisture cure urethane zinc primer)
- Color and gloss retention for exterior exposure
- Fast dry
- Outstanding application properties

PRODUCT CHARACTERISTICS

Finish:	Gloss or Semi-Gloss	
Color:	Wide range of colors available	
Volume Solids:	65% ± 2%, mixed, may vary by color	
Weight Solids:	78% ± 2%, mixed, may vary by color	
VOC (EPA Method 24):	Unreduced:	<300 g/L; 2.5 lb/gal
mixed	Reduced 10% with R7K15:	<340 g/L; 2.8 lb/gal
mixed	Reduced 9% with MEK, R6K10:	<340 g/L; 2.8 lb/gal
Mix Ratio:	6:1 by volume, 1 gallon or 5 gallon mixes premeasured components	

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	**4.5** (112.5)	**9.0** (225)
Dry mils (microns)	**3.0** (75)	**6.0** (150)
~Coverage sq ft/gal (m^2/L)	**175** (4.3)	**346** (8.5)
Theoretical coverage **sq ft/gal** (m^2/L) @ 1 mil / 25 microns dft	**1040** (25.5)	

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 6.0 mils wet (150 microns):

	@ 35°F/1.7°C	@ 77°F/25°C *50% RH*	@ 120°F/49°C
To touch:	4 hours	1 hour	20 minutes
To handle:	18 hours	9 hours	4 hours
To recoat:			
minimum:	18 hours	8 hours	6 hours
maximum:	3 months	3 months	3 months
To cure:	14 days	7 days	5 days
Pot Life: (reduced 5% with Reducer R7K15)	4 hours	2 hours	45 minutes
Sweat-in-Time:		None	

Drying time is temperature, humidity, and film thickness dependent. Paint temperature must be at least 40°F (4.5°C) minimum.

Shelf Life:	Part A* - 36 months, unopened Part B - 24 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C).

*Aluminum (Part A, Rex # B65SW655) has a shelf life of 24 months.

Flash Point:	55°F (13°C), Seta, mixed
Reducer/Clean Up:	
Spray:	Reducer R7K15, MEK R6K10, R7K111, Reducer #58
Brush / Roll:	Reducer #132, Reducer #58, R7K111

RECOMMENDED USES

Specifically formulated for in-shop applications.
For use over prepared metal and masonry surfaces in industrial environments such as:

- Structural steel
- Rail cars and locomotives
- Conveyors
- Bridges
- Tank exteriors
- Pipelines
- Ships
- Wind Towers - onshore and offshore
- Offshore platforms - exploration and production
- Suitable for use in USDA inspected facilities
- Conforms to AWWA D102 Outside Coating Systems #4 (OCS-4), #5 (OCS-5) & #6 (OCS-6)
- Acceptable for use in high performance architectural applications
- Acceptable for use over and/or under Loxon S1 and Loxon H1 Caulking
- A component of INFINITANK
- Over FIRETEX® hydrocarbon systems
- Suitable for use in the Mining & Minerals Industry

PERFORMANCE CHARACTERISTICS

Substrate*: Steel

Surface Preparation*: SSPC-SP10/NACE 2

System Tested*:

1 ct. Macropoxy 646 @ 6.0 mils (150 microns) dft
1 ct. Acrolon 218 HS Gloss @ 4.0 mils (100 microns) dft

*unless otherwise noted below

Test Name	Test Method	Results
Abrasion Resistance[1]	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	43 mg loss
Adhesion[3]	ASTM D4541	1976 psi
Corrosion Weathering[3]	ASTM D5894, 27 cycles, 9072 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering
Direct Impact Resistance[1]	ASTM D2794	70 in. lb.
Dry Heat Resistance[1]	ASTM D2485, Method A	200°F (93°C)
Flexibility[1]	ASTM D522, 180° bend, 1/8" mandrel	Passes
Humidity Resistance[2]	ASTM D4585, 100°F (38°C), 1500 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering
Pencil Hardness	ASTM D3363	3H
Salt Fog Resistance[3]	ASTM B117, 15,000 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering

Meets the requirements of SSPC Paint No. 36, Level 3 for white and light colors. Dark colors may require a clear coat.

Complies with ISO 12944-5 C5I and C5M requirements.

Footnotes:
[1] *Finish coat only tested*

[2] *Primer*	*Zinc-Clad II Plus*
Intermediate	*Macropoxy 646*
Finish	*Acrolon 218 HS*
[3] *Primer*	*Zinc-Clad III HS*

continued on back

Protective & Marine Coatings

ACROLON™ 218 HS
ACRYLIC POLYURETHANE

PART A	B65-600	GLOSS SERIES
PART A	B65-650	SEMI-GLOSS SERIES
PART B	B65V600	HARDENER

Revised: July 6, 2020

PRODUCT INFORMATION

5.22

RECOMMENDED SYSTEMS

		Dry Film Thickness / ct. Mils	(Microns)
Steel:			
1 ct.	Macropoxy 646	5.0-10.0	(125-250)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Steel:			
1 ct.	Zinc Clad II Plus	3.0-5.0	(75-125)
1 ct.	Macropoxy 646	5.0-10.0	(125-250)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Steel:			
1 ct.	Zinc Clad IV	3.0-5.0	(75-125)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Steel:			
1 ct.	Corothane I-GalvaPac Zinc Primer	3.0-4.0	(75-100)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Steel:			
1 ct.	Epoxy Mastic Aluminum II	6.0	(150)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Steel:			
1 ct.	Recoatable Epoxy Primer	4.0-6.0	(100-150)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Concrete/Masonry:			
1 ct.	Kem Cati-Coat HS Epoxy Filler/Sealer	10.0-20.0	(250-500)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)
Aluminum/Galvanizing:			
1 ct.	DTM Wash Primer	0.7-1.3	(18-32)
1-2 cts.	Acrolon 218 HS Polyurethane	3.0-6.0	(75-150)

FIRETEX ONLY:

Finish Coat for FIRETEX Hydrocarbon Systems:

1 ct. Acrolon 218 HS Polyurethane*

*Consult FIRETEX PFP Specialist for recommended dft range

The systems listed above are representative of the product's use, other systems may be appropriate.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

* Iron & Steel: SSPC-SP6/NACE 3, 1-2 mil (25-50 micron) profile
* Galvanizing: SSPC-SP1
* Concrete & Masonry: SSPC-SP13/NACE 6, or ICRI No. 310.2R, CSP 1-3
* Primer required

Surface Preparation Standards

	Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal		Sa 3	Sa 3	SP 5	1
Near White Metal		Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast		Sa 2	Sa 2	SP 6	3
Brush-Off Blast		Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	D St 3	D St 3	SP 3	-

TINTING

Tint Part A with Maxitoner Colorants.

- Extra white tints at 100% tint strength
- Ultradeep base tints at 150% tint strength

Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

APPLICATION CONDITIONS

Temperature:	35°F (1.7°C) minimum, 120°F (49°C) maximum (air and surface) 40°F (4.5°C) minimum, 120°F (49°C) maximum (material) At least 5°F (2.8°C) above dew point
Relative humidity:	85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging:	1 gallon (3.78L) mix:	5 gallon (18.9L) mix:
Part A:	.86 gal (3.25L)	4.29 gal (16.2L)
Part B: (premeasured components)	.14 gal (0.53L)	0.71 gal (2.7L)

Weight: 11.2 ± 0.2 lb/gal ; 1.3 Kg/L mixed, may vary with color

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Protective & Marine Coatings

ACROLON™ 218 HS
ACRYLIC POLYURETHANE

PART A	B65-600	GLOSS SERIES
PART A	B65-650	SEMI-GLOSS SERIES
PART B	B65V600	HARDENER

Revised: July 6, 2020

APPLICATION BULLETIN

5.22

SURFACE PREPARATIONS

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Iron & Steel
Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (1-2 mils / 25-50 microns). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum
Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. Primer required.

Galvanized Steel
Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP7 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned or before flash rusting occurs. Primer required.

Concrete and Masonry
For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI No. 310.2R, CSP 1-3. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with Steel-Seam FT910. Primer required.

Follow the standard methods listed below when applicable:
ASTM D4258 Standard Practice for Cleaning Concrete.
ASTM D4259 Standard Practice for Abrading Concrete.
ASTM D4260 Standard Practice for Etching Concrete.
ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete.
SSPC-SP 13/Nace 6 Surface Preparation of Concrete.
ICRI No. 310.2R Concrete Surface Preparation.

Surface Preparation Standards

	Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal		Sa 3	Sa 3	SP 5	1
Near White Metal		Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast		Sa 2	Sa 2	SP 6	3
Brush-Off Blast		Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	D St 3	D St 3	SP 3	-

APPLICATION CONDITIONS

Temperature: 35°F (1.7°C) minimum, 120°F (49°C) maximum (air and surface)
40°F (4.5°C) minimum, 120°F (49°C) maximum (material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up:
Spray.....Reducer R7K15, MEK, Reducer #58, or R7K111
Brush/Roll .....Reducer #132, R7K132, Reducer #58, or R7K111
If reducer is used, reduce at time of catalyzation.

Airless Spray
Pressure.....2500 - 2800 psi
Hose.....3/8" ID
Tip .....013" - .017"
Filter .....60 mesh
Reduction.....As needed up to 10% by volume with R7K15 or R7K111, or up to 9% with MEK, R6K10*

Conventional Spray
Gun .....Binks 95
Cap 63P
Atomization Pressure.....50 - 70 psi
Fluid Pressure.....20 - 25 psi
Reduction.....As needed up to 10% by volume with R7K15 or R7K111, or up to 9% with MEK, R6K10*

Brush
Brush.....Natural Bristle
Reduction.....As needed up to 10% by volume*

Roller
Cover .....3/8" woven with solvent resistant core
Reduction.....As needed up to 10% by volume*

If specific application equipment is not listed above, equivalent equipment may be substituted.

* Note: Reducing more than maximum recommended level will result in VOC exceeding 340g/L

continued on back

Protective & Marine Coatings

ACROLON™ 218 HS
ACRYLIC POLYURETHANE

PART A	B65-600	GLOSS SERIES
PART A	B65-650	SEMI-GLOSS SERIES
PART B	B65V600	HARDENER

Revised: July 6, 2020

APPLICATION BULLETIN

APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mix contents of each component thoroughly with low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine six parts by volume of Part A with one part by volume of Part B (premeasured components). Thoroughly agitate the mixture with power agitation. Re-stir before using.

If reducer is used, add only after both components have been thoroughly mixed.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	**4.5** (112.5)	**9.0** (225)
Dry mils (microns)	**3.0** (75)	**6.0** (150)
~Coverage sq ft/gal (m^2/L)	**175** (4.3)	**346** (8.5)
Theoretical coverage **sq ft/gal** (m^2/L) @ 1 mil / 25 microns dft	**1040** (25.5)	

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 6.0 mils wet (150 microns):

	@ 35°F/1.7°C	@ 77°F/25°C *50% RH*	@ 120°F/49°C
To touch:	4 hours	1 hour	20 minutes
To handle:	18 hours	9 hours	4 hours
To recoat:			
minimum:	18 hours	8 hours	6 hours
maximum:	3 months	3 months	3 months
To cure:	14 days	7 days	5 days
Pot Life: (reduced 5% with Reducer R7K15)	4 hours	2 hours	45 minutes
Sweat-in-Time:		None	

Drying time is temperature, humidity, and film thickness dependent. Paint temperature must be at least 40°F (4.5°C) minimum.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with Reducer #132, R7K132. Clean tools immediately after use with Reducer #132, R7K132. Follow manufacturer's safety recommendations when using any solvent.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

PERFORMANCE TIPS

Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

Excessive reduction of material can affect film build, appearance, and adhesion.

Do not apply the material beyond recommended pot life.

Do not mix previously catalyzed material with new.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Reducer #15, R7K15 or MEK, R6K10.

Mixed coating is sensitive to water. Use water traps in all air lines. Moisture contact can reduce pot life and affect gloss and color.

Quick-Thane Urethane Accelerator is acceptable for use. See data page 5.97 for details.

E-Z Roll Urethane Defoamer is acceptable for use. See data page 5.99 for details.

If maximum recoat time is exceeded, a light abrasion may be necessary to roughen the surface to promote adhesion before recoating.

When over coating for maintenance or covering graffiti, solvent clean with MEK or similar solvent/cleaner prior to overcoating.

Refer to Product Information sheet for additional performance characteristics and properties.

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

VILLAGE OF FOREST PARK
BIG CITY ACCESS
SMALL TOWN CHARM

Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60130
Fax: 708-488-0361
www.forestpark.net

Office Use Only

License # _____

Fee (If Applicable): _____

Date: _____

Cash: _____ *Check:* _____

Charge: _____

Initial: _____

Village Council Approval Date: _____

Entertainment License Application

Pursuant to Section 3-3-12 of Forest Park Liquor Code

Date of Application: 7/19/22

Name of Liquor License Establishment: EXIT STRATEGY BREWING

Class of Forest Park Liquor License: _____

Name of Applicant(s): KATHERINE VALLEAU

Business Address: 7700 W. MADISON

Telephone Number(s): 708 689 8771

E-mail Address(es): [redacted]

Square Footage of Licensed Premises: 10,000

Please describe in detail the type of entertainment (as defined below) that will be offered on the premises. Be sure to include the location of the entertainment being offered, dates and times that the entertainment will be offered and efforts that will be made to ensure that the entertainment will not have noise or other types of impacts outside of the licensed premises. You are welcome to attach/use additional documentation to this application in efforts to provide the Local Liquor Commissioner and Village Council a better understanding of what type(s) of entertainment will be offered at the licensed premises.

90s cover band for outdoor event on ESBC patio

event: 1p-7p

band: 2p-5p

date: AUG 13th

I hereby certify I am the owner of the above-described liquor license establishment. I understand that the issuance and continuation of this license is conditional upon compliance with all applicable Village Codes and Ordinances and the result of any inspection of the above premises at this time or any subsequent inspection while this license is in force. I acknowledge that I am signing this application under the penalty of perjury and that all information is true and correct.

Signature: K Vallean

Date: 7/19/2022

FOREST PARK LIQUOR CODE

As of 10/12/2021

3-3-12: ENTERTAINMENT LICENSE:

A. "Entertainment" as used herein shall include, but not be limited to, any public show, theatrical, animate or inanimate exhibition, live bands performing music (maximum of 5 performers), DJ's, karaoke, or any other amusement, diversion, production, etc. offered, operated, presented or exhibited to the public.
B. No licensee shall sponsor, conduct, or permit entertainment (as defined above) in any licensed premises unless the application for a license therefor has been submitted to and approved by the local liquor commissioner and the village council.
C. Indoor entertainment shall cease at 11:00 p.m.

3-3-9-F: Live Music: In any premises upon which the sale of alcoholic liquor is licensed, all exterior windows and doors to the licensed premises shall remain closed during the playing or performing of any live music.

3-3-5-M-2: No amplified live entertainment shall be permitted on the patio area (beer garden) of the licensed premises. Acoustic entertainment shall be permitted, subject to the premises being issued an Entertainment License by the Village Council, in accordance with Section 3-3-12 of this Chapter 3.

3-3-5-M-5: Permitted live entertainment on the patios of liquor licensed establishments shall cease at 9:00 p.m. on each permitted day.

VILLAGE OF FOREST PARK
BIG CITY ACCESS
SMALL TOWN CHARM

Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60130
Fax: 708-488-0361
www.forestpark.net

Office Use Only

License # _____
Fee (If Applicable): _____
Date: _____
Cash: _____ *Check:* _____
Charge: _____
Initial: _____
Village Council Approval Date: _____

Entertainment License Application

Pursuant to Section 3-3-12 of Forest Park Liquor Code

Date of Application: 7/19/22

Name of Liquor License Establishment: EXIT STRATEGY BREWING

Class of Forest Park Liquor License: _____

Name of Applicant(s): KATHERINE VALLEAU

Business Address: 7100 W MADISON

Telephone Number(s): 708 689 8771

E-mail Address(es): [redacted]

Square Footage of Licensed Premises: 10,000

Please describe in detail the type of entertainment (as defined below) that will be offered on the premises. Be sure to include the location of the entertainment being offered, dates and times that the entertainment will be offered and efforts that will be made to ensure that the entertainment will not have noise or other types of impacts outside of the licensed premises. You are welcome to attach/use additional documentation to this application in efforts to provide the Local Liquor Commissioner and Village Council a better understanding of what type(s) of entertainment will be offered at the licensed premises.

OUTDOOR GAME DAY
date: Sept 4th

time: 12-5p
dj on patio: 1-4p

I hereby certify I am the owner of the above-described liquor license establishment. I understand that the issuance and continuation of this license is conditional upon compliance with all applicable Village Codes and Ordinances and the result of any inspection of the above premises at this time or any subsequent inspection while this license is in force. I acknowledge that I am signing this application under the penalty of perjury and that all information is true and correct.

Signature: K Wallace

Date: 7/19/2022

FOREST PARK LIQUOR CODE

As of 10/12/2021

3-3-12: ENTERTAINMENT LICENSE:

A. "Entertainment" as used herein shall include, but not be limited to, any public show, theatrical, animate or inanimate exhibition, live bands performing music (maximum of 5 performers), DJ's, karaoke, or any other amusement, diversion, production, etc. offered, operated, presented or exhibited to the public.
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3-3-5-M-5: Permitted live entertainment on the patios of liquor licensed establishments shall cease at 9:00 p.m. on each permitted day.

VILLAGE OF FOREST PARK
BIG CITY ACCESS
SMALL TOWN CHARM

2022 JUL 22 AM 9:27
VILLAGE OF FOREST PARK

Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60130
Fax: 708-488-0361
www.forestpark.net

Office Use Only
License #
Fee (If Applicable):
Date:
Cash: Check:
Charge:
Initial:
Village Council Approval Date:

Entertainment License Application

Pursuant to Section 3-3-12 of Forest Park Liquor Code

Date of Application: 7/22/22

Name of Liquor License Establishment: Forest Park American Legion Post 414

Class of Forest Park Liquor License: 63A5

Name of Applicant(s): Michael Thompson

Business Address: 500 Circle Forest Park

Telephone Number(s): 708-366-2912

E-mail Address(es): ~~[illegible]~~ mikiethom@comcast.net

Square Footage of Licensed Premises: 200 sqFt

Please describe in detail the type of entertainment (as defined below) that will be offered on the premises. Be sure to include the location of the entertainment being offered, dates and times that the entertainment will be offered and efforts that will be made to ensure that the entertainment will not have noise or other types of impacts outside of the licensed premises. You are welcome to attach/use additional documentation to this application in efforts to provide the Local Liquor Commissioner and Village Council a better understanding of what type(s) of entertainment will be offered at the licensed premises.

Debra Brunson of 2634 Harlem Riverside
IL Renting Legion Hall on Sept 17 22
For a 60th B-Day Party & Request a DJ.

I hereby certify I am the ~~owner~~ Mgr of the above-described liquor license establishment. I understand that the issuance and continuation of this license is conditional upon compliance with all applicable Village Codes and Ordinances and the result of any inspection of the above premises at this time or any subsequent inspection while this license is in force. I acknowledge that I am signing this application under the penalty of perjury and that all information is true and correct.

Signature: _____

Date: 7/22/22

FOREST PARK LIQUOR CODE
As of 10/12/2021

3-3-12: ENTERTAINMENT LICENSE:

A. "Entertainment" as used herein shall include, but not be limited to, any public show, theatrical, animate or inanimate exhibition, live bands performing music (maximum of 5 performers), DJ's, karaoke, or any other amusement, diversion, production, etc. offered, operated, presented or exhibited to the public.
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C. Indoor entertainment shall cease at 11:00 p.m.

3-3-9-F: Live Music: In any premises upon which the sale of alcoholic liquor is licensed, all exterior windows and doors to the licensed premises shall remain closed during the playing or performing of any live music.

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3-3-5-M-5: Permitted live entertainment on the patios of liquor licensed establishments shall cease at 9:00 p.m. on each permitted day.

July 18,2022

2022 JUL 21 AM 9:21

VILLAGE OF FOREST PARK

Mayor Hoskins

Village of Forest Park

517 DesPlaines

Forest Park, IL 60130

On September 17, 2022 Debra Brunson will be celebrating her 60th birthday at the American Legion 500 Circle, Forest Park, IL. She requests a DJ for her event. Her party will be from 7:00PM to 11:00PM We request a entertainment license for that event. A portion of receipts will be donated to this great charity.

Michael Thompson

American Legion Post 414

708-846-8700

Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60130
Fax: 708-488-0361
www.forestpark.net

Office Use Only

License # _____

Fee (If Applicable): _____

Date: _____

Cash: _____ *Check:* _____

Charge: _____

Initial: _____

Village Council Approval Date: _____

Entertainment License Application

Pursuant to Section 3-3-12 of Forest Park Liquor Code

Date of Application: 08/01/2022

Name of Liquor License Establishment: LATHROP HOUSE

Class of Forest Park Liquor License: A

Name of Applicant(s): PATRICK

Business Address: 26 LATHROP

Telephone Number(s): 7084665251

E-mail Address(es): CHEFPOB@GMAIL.COM

Square Footage of Licensed Premises: _____

Please describe in detail the type of entertainment (as defined below) that will be offered on the premises. Be sure to include the location of the entertainment being offered, dates and times that the entertainment will be offered and efforts that will be made to ensure that the entertainment will not have noise or other types of impacts outside of the licensed premises. You are welcome to attach/use additional documentation to this application in efforts to provide the Local Liquor Commissioner and Village Council a better understanding of what type(s) of entertainment will be offered at the licensed premises.

LIVE ACOUSTIC MUSIC 6-9 PM

LIVE MUSIC

SEPT 2,3,9,10,16,16,23,24,30

I hereby certify I am the owner of the above-described liquor license establishment. I understand that the issuance and continuation of this license is conditional upon compliance with all applicable Village Codes and Ordinances and the result of any inspection of the above premises at this time or any subsequent inspection while this license is in force. I acknowledge that I am signing this application under the penalty of perjury and that all information is true and correct.

Signature: _____

Date: 08/01/2022

FOREST PARK LIQUOR CODE
As of 10/12/2021

3-3-12: ENTERTAINMENT LICENSE:

A. "Entertainment" as used herein shall include, but not be limited to, any public show, theatrical, animate or inanimate exhibition, live bands performing music (maximum of 5 performers), DJ's, karaoke, or any other amusement, diversion, production, etc. offered, operated, presented or exhibited to the public.
B. No licensee shall sponsor, conduct, or permit entertainment (as defined above) in any licensed premises unless the application for a license therefor has been submitted to and approved by the local liquor commissioner and the village council.
C. Indoor entertainment shall cease at 11:00 p.m.

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3-3-5-M-5: Permitted live entertainment on the patios of liquor licensed establishments shall cease at 9:00 p.m. on each permitted day.

FOREST PARK
PUBLIC LIBRARY

7555 Jackson Blvd
Forest Park IL

fppl.org
708-366-7171

Thursday, July 26

For the consideration of the Village Council of Forest Park:

The Forest Park Public Library requests the use of Village properties for events listed below. These events will be open to the residents of Forest Park and patrons of the Forest Park Public Library. The Village of Forest Park has been listed as an "additional insured location on our liability insurance certificate. A copy of the certificate will be sent when the dates are approved.

Veterans Park
Storytime in the Park
Mondays, Wednesdays, & Fridays at 10:30 am
September, October, and the first two weeks in November

Thank you for your consideration,

Pilar Shaker
Library Director

VILLAGE OF

FOREST PARK

BIG CITY ACCESS SMALL TOWN CHARM

APPLICATION FOR USE OF PUBLIC WAY
IN THE VILLAGE OF FOREST PARK, COOK COUNTY, ILLINOIS

7/26/22
(Date)

INFORMATION:

Name of Entity Forest Park Public Library

Street Address: 7555 Jackson Blvd Phone: (708) 366-7171

City, State, Zip Code: Forest Park IL 60130

Name of Owner: Phone: ( )

Person to Contact: Pilar Shaker Phone [redacted]

Type of Use Requested (i.e., Construction, Location, Size, Street/Parking Lot, etc.):
use of Veterans Park (631 Circle Avenue) for outdoor storytimes in the fall.

Schedule (Give dates and times, including set up and tear down):
Mondays, Wednesdays, + Fridays at 10:30am in Sept, Oct, and the first two weeks in November

Proposed location (Include sketch of layout with measurements): Veterans Park by the gazebo

General description of use as well as any special requests: Library storytime open to the public

Anticipated needs of Village personnel, equipment and/or property: None

INSURANCE:

No later than ten (10) days prior to the event, the Applicant shall furnish to the Village, a certificate of insurance evidencing commercial general liability insurance with minimum limits of One Million Dollars ($1,000,000.00) combined single limit per occurrence and Two Million Dollars ($2,000.000.00) general aggregate limits and otherwise reasonably satisfactory to the Village. The insurance policy shall be expressly endorsed to include the Village, as additional insured as outlined below. Such insurance shall be maintained during the term of use.

Such certificate shall include the following language: "The Village of Forest Park, its corporate authorities, officers, officials, boards, commissions, employees, attorneys, agents and representatives are made additional insured with respect to any and all claims which arise out of, or are in any way related to, the operations of (entity name) while present in the Village of Forest Park."

The Applicant shall also attach proof that the appropriate workers compensation and employer's liability insurance have been provided for the employees of the requesting entity.

Certificate attached [redacted]
(initials)

INDEMNITY AGREEMENT:

The Applicant shall sign a Non-Exclusive Permit and Indemnity Agreement with the Village of Forest Park holding the Village harmless of any claim that may arise from their use of designated public property, right-of-way, or equipment in conjunction with the permitted use.

SURETY BOND REQUIRED

In addition to the foregoing requirements, the applicant shall, as a part of his application, deposit with the village clerk a surety bond in the amount of ten thousand dollars ($10,000.00) as security for the payment of any damage which may result to such public way, public park or public building by reason of the applicant's use of the same pursuant to a permit to be issued herein. Any part of said deposit not needed or used to repair, replace or restore damage so occasioned to public property by the applicant at the end of the permit period shall be returned to the applicant within ten (10) days after the expiration date.

MISCELLANEOUS:

Specify any other circumstances, conditions, or anticipated needs not covered in this application: None

The entity or representative shall sign this application and upon favorable consideration of this application, the Village shall issue a permit for the requested activity subject to the aforesaid conditions and any others as may be reasonably required.

CASH DEPOSIT:

In lieu of the Surety Bond requirement, the applicant, prior to the issuance of any permit hereunder shall deposit with the village a cash deposit in the sum of ten thousand dollars ($10,000.00) to ensure that no damage will be done to the adjoining streets, sewers, trees or adjoining properties and that all residual debris, trash and materials will be removed following the use. Such deposit shall be returned to the applicant upon the certification by the Director of Public Works or Public Health and Safety that all conditions of the permit have been complied with and that no damages occurred as a result of the use of the public way by the applicant.

FEES AND REMUNERATION:

The fee for processing and issuing the permit for the use of the public way shall be fifty dollars ($50.00). In addition, the cost for the use of police, public safety, public works or other village personnel, the use of village equipment and public property shall be as outlined in section 7-2 of the municipal code.

I have read, understand and agree to abide by the terms and conditions of Title7, Chapter 2, Section entitled "Private Use of Public Ways" of the Municipal Code of the Village of Forest Park, Cook County, Illinois.

[redacted]

Signature

Pilar Shaker

Print Name

Director

Title Date

APPROVED:

Village Clerk Date

Non-Exclusive Permit and Indemnity Agreement

This Non-Exclusive Permit and Indemnity Agreement is made and entered into on this 26th day of July, 2022, by and between the Village of Forest Park, Illinois, an Illinois municipal corporation (herein referred to sometimes as "Village") and Forest Park Library, (herein referred to as "Applicant").

Applicant desires to enter onto and utilize a certain portion of the Village public property, right of way, and/or equipment (hereinafter referred to as "Village Property"), for the limited purpose of Library Event ("Purpose"), and the Village is willing to grant Applicant a non-exclusive and temporary permit to do so, on the terms and conditions set forth below. In signing this document, Applicant acknowledges that the Village would not allow such a use unless Applicant fully recognizes and assumes the existence of risks that exist with operating such a use and abides by the regulations and limitations as may be imposed by the Village.

Village hereby grants Applicant and its invitees, employees, volunteers, representatives and agents (collectively, the "Users"), a temporary, non-exclusive permit to enter on the Village Property for the limited purpose of utilizing the Village Property for said Purpose, subject to the following terms and conditions:

(1) TERM. The term of this Permit shall be _____ day(s), beginning Mondays, Wednesdays + Fridays in Sept, Oct, Nov, 20___, at 10:30 a.m./p.m., and ending 11:30 am, 20___, at _____ a.m./p.m. (the "Permit Term").

(2) RESTRICTION ON USE. Applicant and Users shall solely use the Village Property for the limited purpose of said Purpose. The Applicant shall not alter the Village Property in any fashion without the written consent of the Village. The Applicant's use of the Village Property shall not be exclusive and shall not interfere with the Village's use of or access to the Village Property.

Applicant shall not carry on, upon the Village Property, or any part thereof, or permit to be carried on, any trade, business or use of an unsafe or unhealthful nature, or which shall constitute a nuisance. Applicant shall not use, or permit to be used, said Village Property, or any part thereof, for any illegal, immoral, or adult business (as defined in the Municipal Code of the Village of Forest Park) or purpose whatsoever. Applicant and Users shall comply with the requirements of the Village of Forest Park Police and Fire Departments in conducting said Purpose and shall confer with said departments to ensure safety and compliance with all Village Ordinances.

(3) CONDITION; MAINTENANCE; REPAIR. Applicant accepts the Village Property in its current condition and Village makes no representations concerning the condition of the Village Property. Village has no duty or obligation to maintain or repair the Village Property during the Permit Term. Further, Village shall not be liable to Applicant or Users for any damage or injury to any of them or their property occasioned by the failure of the Village to keep the Village Property maintained and in repair. Except as approved by the Village, Applicant and Users shall not attach, affix or exhibit or permit to be attached, affixed or exhibited to the Village Property any articles of permanent or semi-permanent character.

(4) ASSUMPTION OF RISK. Applicant and Users shall use the Village Property at their own risk and Village shall not be liable for any damage to person or property resulting, directly or indirectly, from Applicant's and Users' use of the Village Property.

(5) INSURANCE AND INDEMNIFICATION. Applicant shall indemnify and save harmless Village and its officials, officers, employees, staff, contractors, agents, representatives, consultants, successors and assigns (collectively, the "Indemnitees"), from and against any and all losses, damages, claims, actions, liabilities, costs and expenses including, without limitation, attorneys' fees and expenses, that the Indemnitees may suffer, incur or sustain arising out of or relating to the activities of Applicant or the Users of the Village Property for said Purpose or work, or any invitees thereof, under this Permit, or any acts or omissions of Applicant or its contractors, agents, employees, tenants, invitees or representatives hereunder; or with respect to or arising out of any use of the Village Property or the rights herein granted, or the performance or non-performance of Applicant's obligations hereunder.

Applicant hereby covenants and agrees that Indemnitees shall not be liable for any damages arising from personal injury or damage to property which may be sustained in any way in, on or about the premises where the said Use or Work is occurring. Applicant will assume full responsibility for any such injuries or damages and hereby fully and forever releases and discharges the Indemnitees from any and all claims, demands, damages, rights or actions or causes of action present or future whether the same be known, anticipated or unanticipated resulting from or arising out of the Use, Purpose or Work on the Village Property.

While conducting said Purpose or Work, Applicant and Users will adhere to the rules and regulations conveyed to Applicant by the Village. In the event that the actions of Applicant and/or Users results in injuries to person or property and a claim is made against the Village, its officials, officers, employees, staff, contractors, agents, representatives, consultants, successors and assigns, Applicant will hold harmless, defend and indemnify the Village and its officials, officers, employees, staff, contractors, agents, representatives, consultants, successors and assigns against any claim, demand, damage, right of action present or future, whether the same be known, anticipated or unanticipated, resulting from the Users.

No later than one (1) days prior to the Users conducting said Purpose or work, the Applicant shall furnish to the Village, a certificate of insurance evidencing commercial general liability insurance with minimum limits of One Million Dollars ($1,000,000.00) combined single limit per occurrence and Two Million Dollars ($2,000.000.00) general aggregate limits and otherwise reasonably satisfactory to the Village. The insurance policy shall be expressly endorsed to include the Village, as additional insured, as outlined in the Application for Use of Public Way. Such insurance shall be maintained during the Permit Term.

(6) HAZARDOUS WASTE, SUBSTANCES, MATERIALS; EXPLOSIVES. Applicant shall not store, house, possess or permit any hazardous waste, hazardous substances, hazardous materials, or explosives, upon the Village Property, or any part thereof.

(7) ZONING. Nothing contained herein shall be construed as the Village's approval or granting of any zoning or permit requirements, application or petition.

(8) REVOCATION. This Permit and any rights granted herein may be revoked by the Village at any time

(9) ENFORCEABILITY. This Agreement may be enforced either at law or in equity. If any term, covenant or condition of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Permit, or the application of such term, covenant or condition to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term, covenant and condition of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

VILLAGE

Village of Forest Park, an Illinois municipal corporation

By: _____
Rory E. Hoskins, Mayor

Attest: _____
Vanessa Moritz, Village Clerk

APPLICANT

Name: Pilar Shaker

By: [redacted]

Friday, July 29, 2022

The Honorable Mayor Rory E. Hoskins
Village of Forest Park
517 Des Plaines Avenue
Forest Park, IL 60130

RE: District 91 Banner for Back to School Picnic

Dear Mayor Hoskins and Commissioners,

Forest Park School District 91 requests your permission to hang a banner for our annual Back to School Event as a way to kick off the new school year (the new school year begins the week after this event).

The banner request is for two weeks, at the corner of Circle and Madison, between August 8th and the 23rd, when school starts to help promote our Back to School.

Thank you for your consideration.

Respectfully,

Nurys Uceta
Family and Community Engagement Manager
Forest Park School District 91