



Memorandum

DATE: March 17, 2016

TO: Board of Public Works

FROM: Mark Radtke, Director of Public Works *MR*

RE: Change Order No. 2 Downtown Improvements Contract No. 2016-01

Attached is proposed Change Order No. 2 for the Downtown Street, Walkway and Electrical Improvements Contract Unit No. 2016-01. This change order represents revisions to the contract resulting from substituting colored concrete for MMA pavement marking at various crosswalks and for extending new concrete pavement farther down Mill Street to replace existing marginal condition asphalt pavement.

Project Description

Contract Unit No. 2016-01 involves improvements in the vicinity of the new office tower including site improvements in the walkway between Main Street and the Broad Street Parking Lot/Ramp, geometric revisions at the intersection of Main and Mill streets, and adding mid-block crosswalks in Main Street east of Mill Street, and in Mill Street south of Main Street. Additionally there are landscape improvements throughout this project area, including the south side of Main Street west of Mill Street.

Change Order No. 2 Description

Items I and IV of C. O. #2 involve the deletion of asphalt pavement from the contract and the extension of new concrete pavement farther south in Mill Street. The existing Mill Street pavement in the vicinity of the proposed mid-block crosswalk is in poor to marginal condition. We recommend extending the new concrete pavement to the south limit of the proposed crosswalk bump out area. This action would defer the inevitable disruption of this area in the not too distant future to resurface the asphalt pavement section. DPW crews would then be able to replace the remaining southern asphalt pavement section of Mill Street with concrete when that becomes necessary in the future.

Items II, VI and VII involve substituting full depth colored concrete for the planned plain concrete with MMA pavement marking at the table top crossing in the Broad Street Alley as well as the completion of the ramped ends of the table top crossing. The reasoning

for this recommended change is based on our belief that full depth colored concrete is more durable than an epoxy colored pavement marking (in this case MMA). In addition, the contractor, Vinton Construction, is able to install the colored concrete cheaper than the contract cost for application of the MMA. We also think future maintenance costs will be less with the colored concrete as the MMA maintenance can be very costly.

Items III and V involve the substituting of colored concrete for the MMA sections for the crosswalks in Main Street east of Mill Street and in Mill Street south of Main Street. Again our recommendation is based on the relative lower cost and the expected longer duration of the colored concrete versus the MMA product.

Attached are drawings depicting the project areas affected by this proposed change order. This work will necessitate some traffic restrictions in the involved areas (temporary one way traffic, e.g.), but access will be maintained throughout the duration of the project. The net change to the contract total is a deduct of \$3,645.58 resulting in a new contract amount of \$240,316.75.

Recommendation

Based on the expected increase in pavement service life at a net decrease in the contract price, I recommend the approval of Change Order No. 2 for Contract Unit 2016-01 with an associated deduct of \$3,645.58.

Attachment

CHANGE ORDER

Date: 3/16/2016 Change Order No. Two (2)

Contractor: Vinton Construction, Inc.
Contract No.: Unit No. 2016-01
Project: City of Menasha Downtown Street, Walkway and Electrical Improvements

You are directed to make the changes noted below in the subject Contract Unit Number:

I. DELETE Item 90103 Bituminous Asphalt Pavement	1534 ft ² x \$5.56 =	-\$8,529.04
II. DELETE Item 90109 Concrete Table Top Crossing	1 ea x \$6,200 =	-\$6,200.00
III. DELETE Item 90114 Pavement Marking, MMA	870 ft ² x \$13.00 =	-\$11,310.00
IV. ADD Item 90102 8" Concrete Sidewalk	1075 ft ² x \$8.00 =	\$8,600.00
V. ADD 8" Color Concrete Cross Walk	742 ft ² x \$11.33 =	\$8,406.86
VI. ADD 13" Color Concrete Cross Walk	128 ft ² x \$13.70 =	\$1,753.60
VII. ADD Table Top Ramp	2 ea x \$1,816.50 =	\$3,633.00

The changes result in the following adjustments:

	CONTRACT-TOTAL	TIME
Prior to this Change Order	<u>\$243,962.33</u>	<u>N.A.</u> Days
Adjustments per this Change Order	<u>(\$3,645.58)</u>	<u>N.A.</u> Days
Current Contract Status	<u>\$240,316.75</u>	<u>N.A.</u> Days

Directed/Authorized
 City of Menasha Dept. of Public Works

By: _____

Date: _____

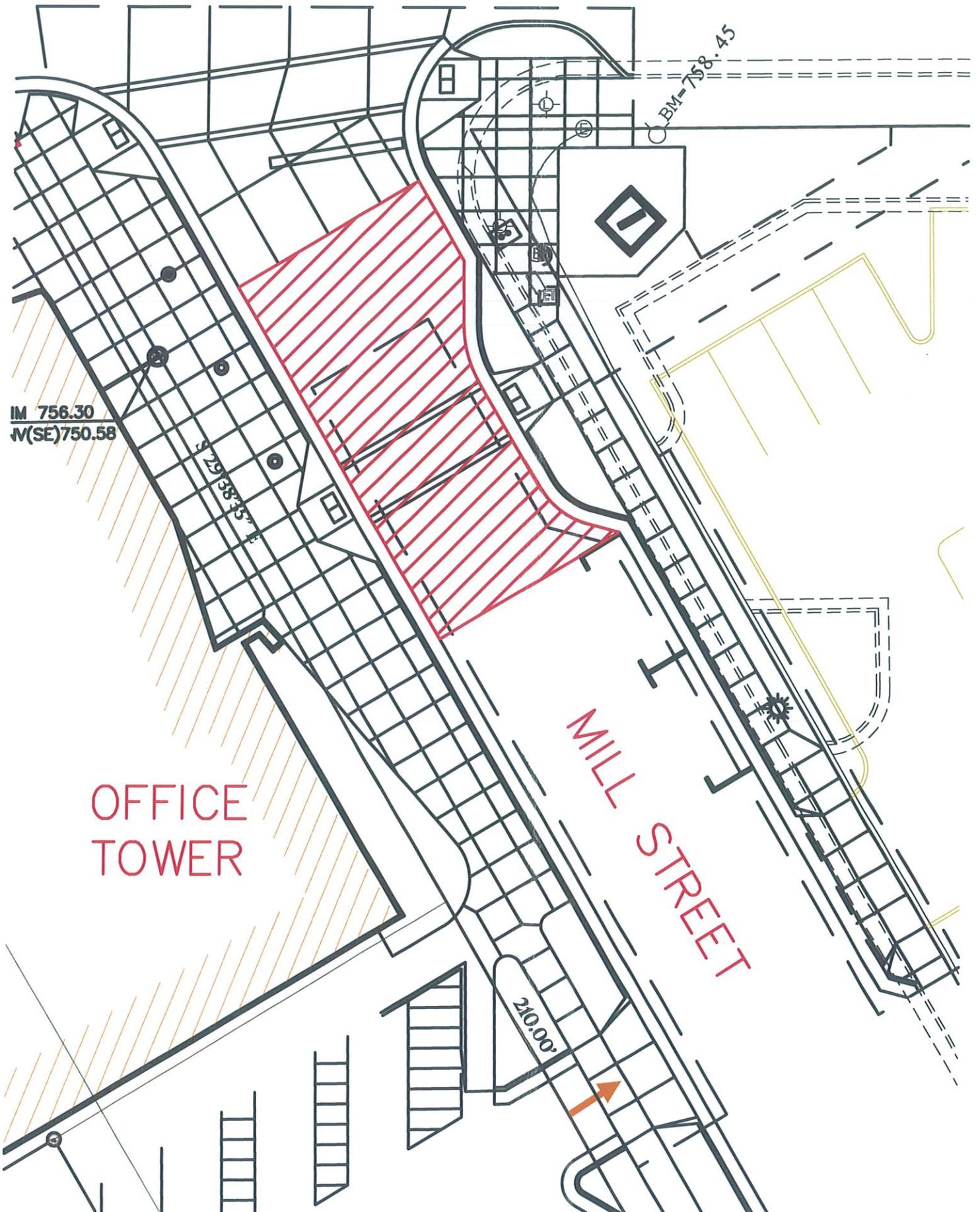
Accepted

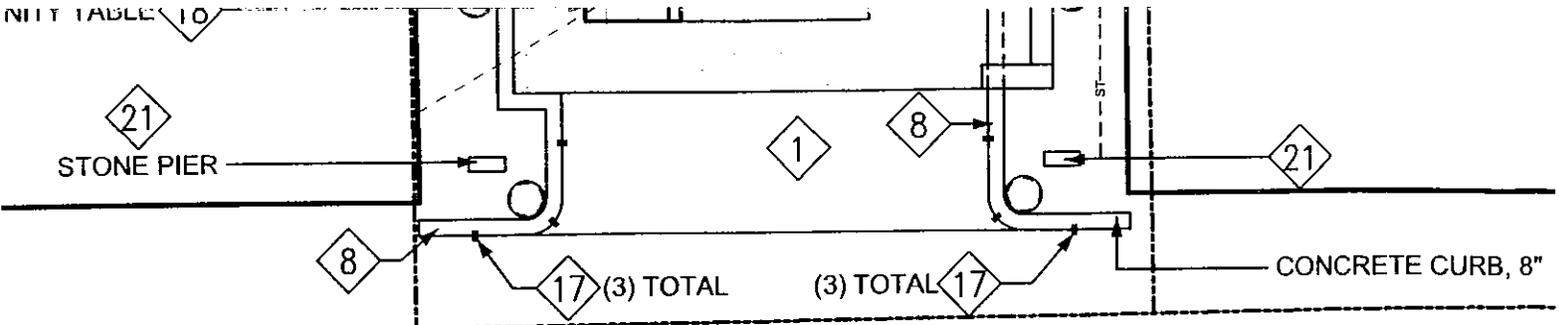
By: _____

Date: _____

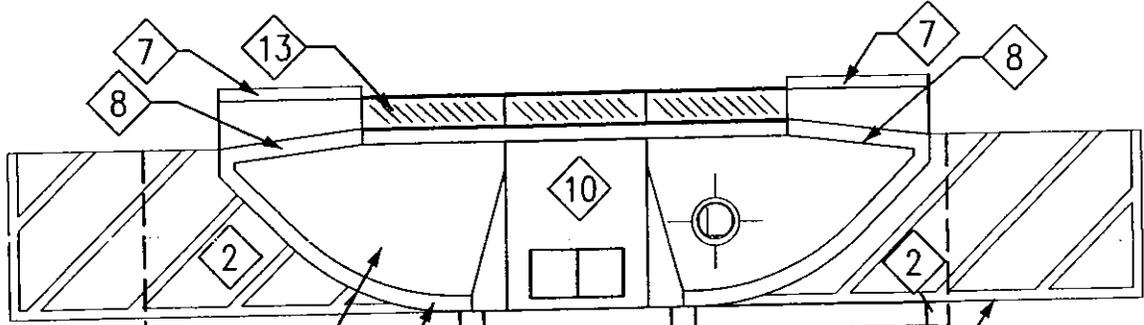
MAIN STREET

 PROPOSED
ADDITIONAL
CONCRETE





SEE L101



LAYOUT ENLARGEMENT
CURB BUMP-OUT
DETAIL 9/L500
LIMITS OF REMOVALS TO
NEAREST JOINTS (BY CITY)

PAVEMENT
MARKINGS,
STRIPING, 5" WIDE
NON-REFLECTIVE
WHITE

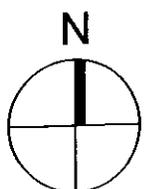
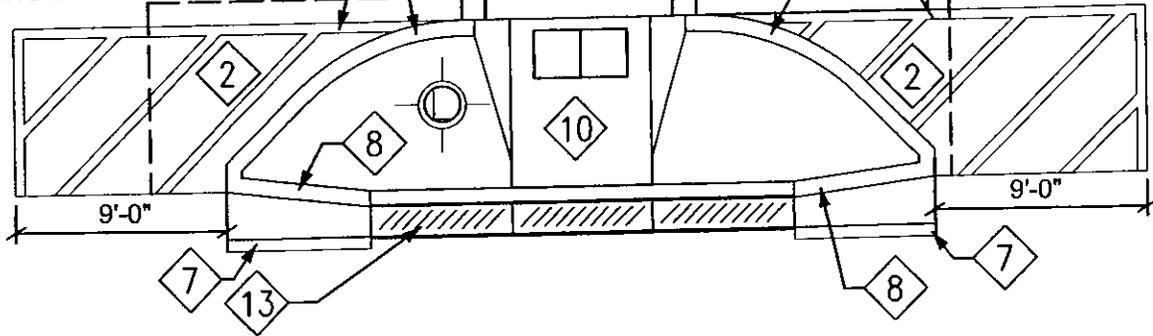
MAIN ST.

COLORED CROSSING

LAYOUT ENLARGEMENT
CURB BUMP-OUT,
DETAIL 9/L500

PAVEMENT MARKINGS,
STRIPING, 5" WIDE
NON-REFLECTIVE
WHITE

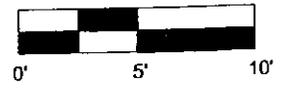
LIMITS OF
REMOVALS TO
NEAREST JOINTS
(BY CITY)

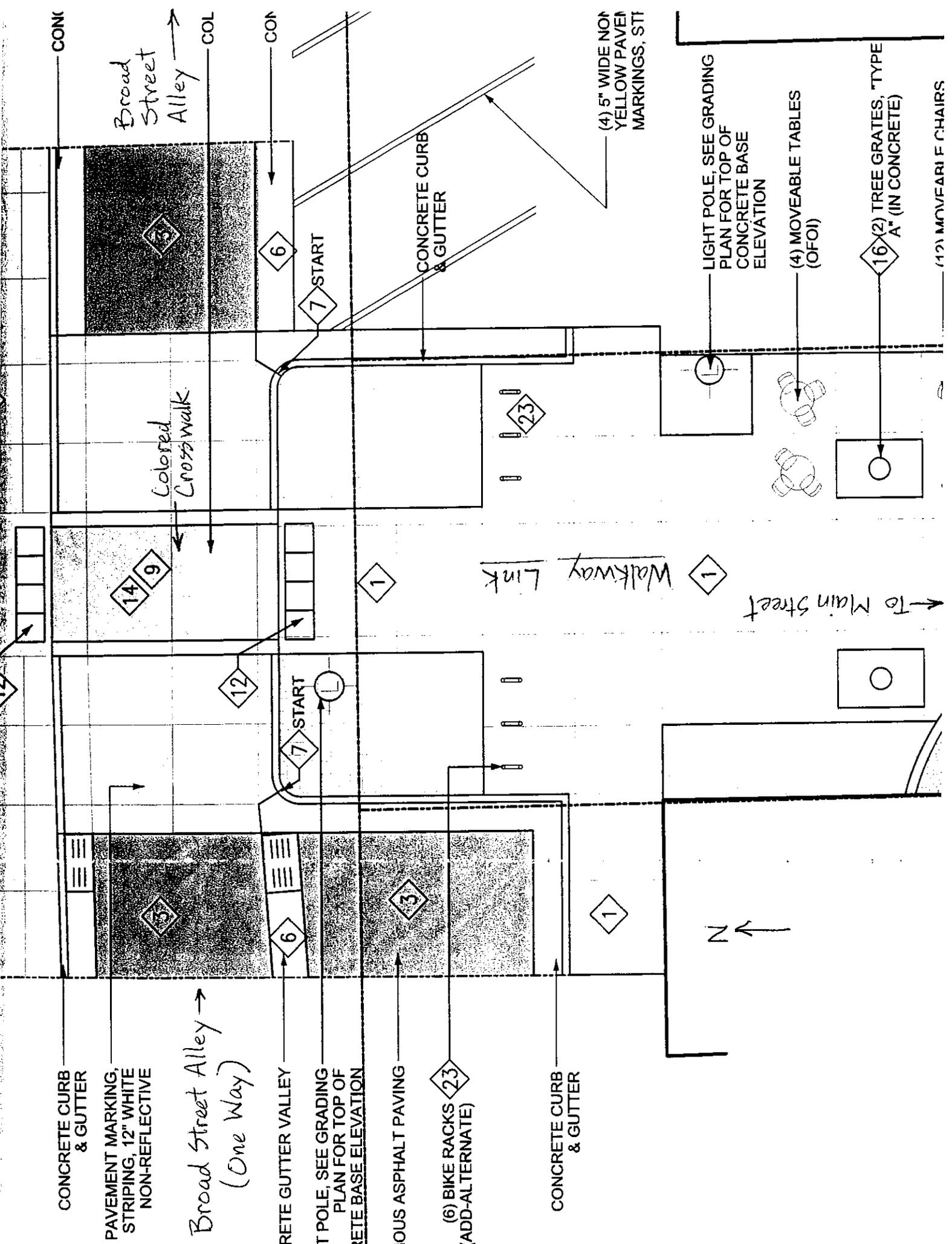


2
L100

MAIN ST. MIDBLOCK CROSSING SITE PLAN

1/8"=1'-0" @ 22"X34"FULL SIZE SHEET





CONCRETE CURB & GUTTER

PAVEMENT MARKING, 12" WHITE STRIPING, NON-REFLECTIVE

Broad Street Alley (One Way)

CONCRETE GUTTER VALLEY

LIGHT POLE, SEE GRADING PLAN FOR TOP OF RETE BASE ELEVATION

NOUS ASPHALT PAVING

(6) BIKE RACKS (ADD-ALTERNATE)

CONCRETE CURB & GUTTER

Broad Street Alley

Colored Crosswalk

CONCRETE CURB & GUTTER

CONCRETE CURB & GUTTER

Walkway Link

To Main Street

(4) 5" WIDE NON YELLOW PAVEN MARKINGS, STI

LIGHT POLE, SEE GRADING PLAN FOR TOP OF CONCRETE BASE ELEVATION

(4) MOVEABLE TABLES (OFOI)

(16) (2) TREE GRATES, "TYPE A" (IN CONCRETE)

(12) MOVEABLE CHAIRS

N

CONK

COL

CON

3

6

7 START

1

14 9

12

7 START

3

6

1

23

1

16

12