

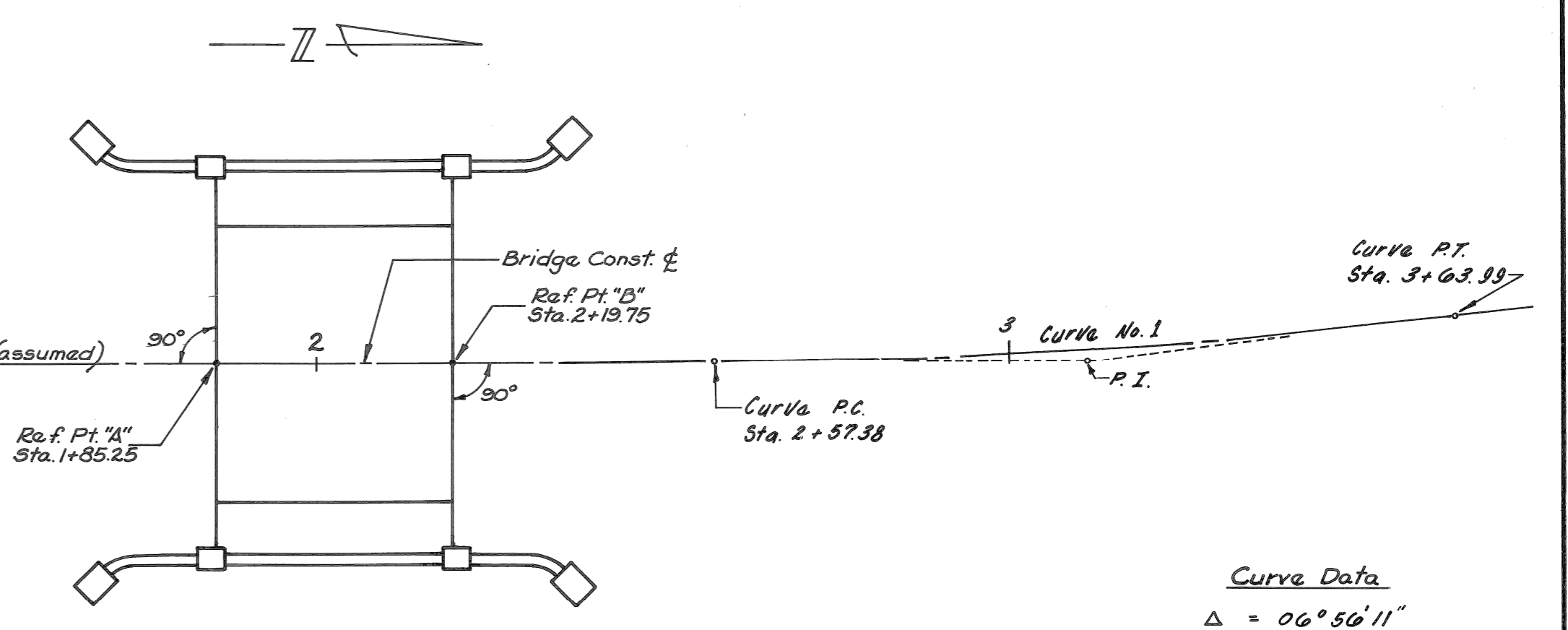
TYPICAL APPROACH SECTION  
 STA. 2+19.75 TO STA. 5+78.75 (PICNIC WAY)  
 (SEE SHEET R-4 FOR PAVEMENTS JOINTS)

**BENCH MARKS**

- B.I.-264A 4' S.S.C. STRAND AT WEST END PICNIC WAY BRIDGE (EXT.)  
EL. 98.73
- B.I.-463 19' S.S.C. STRAND AT CL OF INSULRUHE DRIVE (EXT.)  
ELEV. 99.16
- C.B.M. S.W. CORNER OF CONC. BASE FOR LIGHT POLE; STA. 4+50.5 (PICNIC WAY)  
10.8' E.E.C.  
ELEV. 98.60

SEE SHEET R-4

**SITUATION PLAN**  
 1"=20'



BRIDGE ALIGNMENT DIAGRAM  
 1"=20'

**Curve Data**

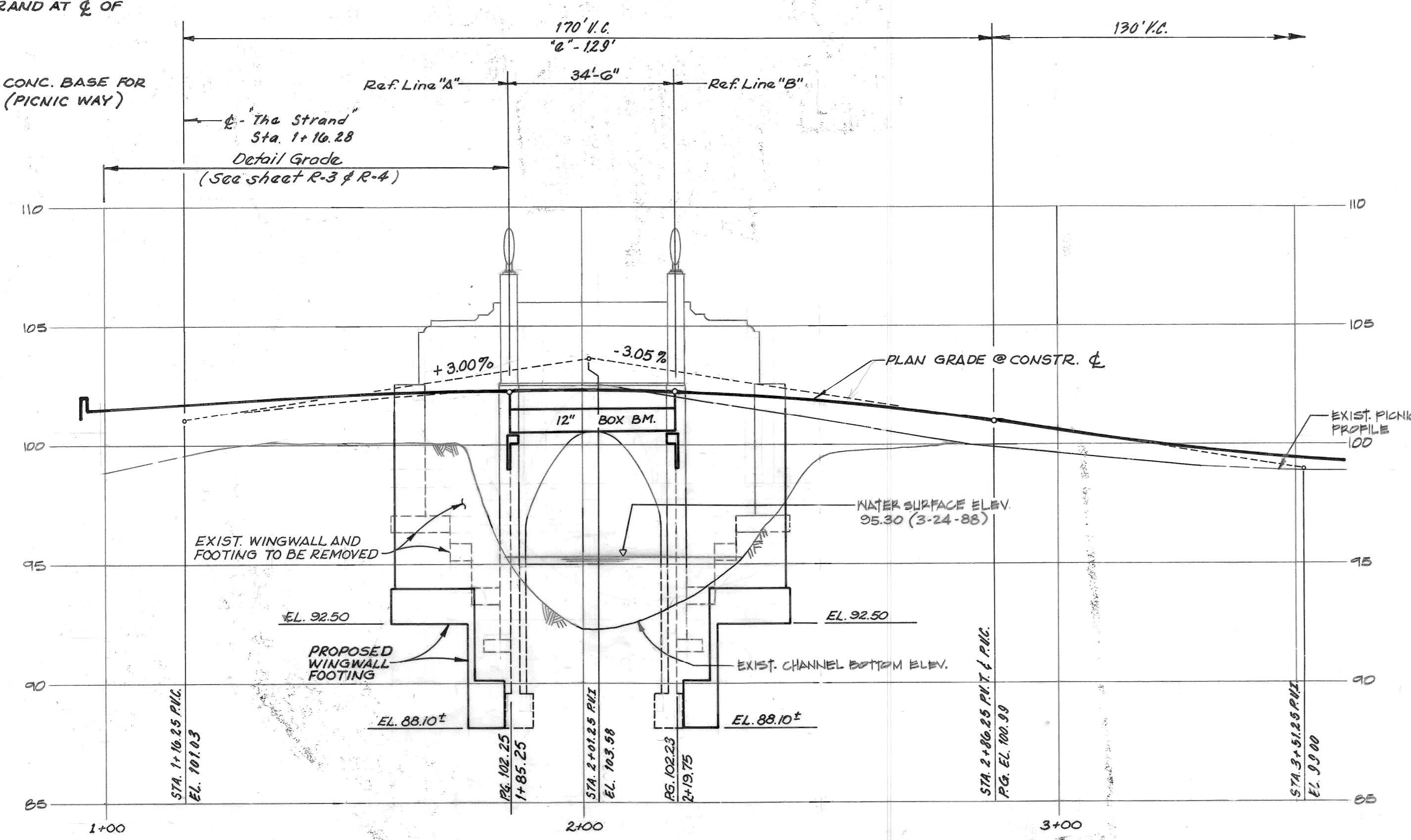
Δ	= 06° 56' 11"
R	= 880.64
D	= 06° 30' 22"
T	= 53.37'
L	= 106.61'
P.I.	Sta. 3+63.89

**Notes:**

- The Contractor shall locate all active underground utilities prior to starting work and shall conduct his operations in such a manner as to insure that those utilities not requiring relocation will not be disturbed.
- For protection of underground utilities, the Contractor shall dial 1-800-482-7171 a minimum of 48 hrs. prior to excavating in the vicinity of utility lines. All "Miss-Dig" participating members will thus be routinely notified. This does not relieve the Contractor of the responsibility of notifying utility owners who may not be a part of the "Miss-Dig" alert system.
- For Detailed pavement grades and joint layout see sheet R-4
- For pavement horizontal control, see sht. R-3
- For existing bridge demolition details, see sheets D1 and D2.
- For pavement profiles, see sht. R-5
- Traffic is to be maintained on existing roads during construction. see sheets R-6 & R-7.
- All elevations shown are based on City of Detroit datum.
- See sheet R-2 for pavement and sidewalk removal.

**LEGEND**

- - EXISTING MANHOLE
- - EXIST. P.L.D. UNDERGROUND
- \* - P.L.D. LIGHT POLE
- ⊕ - STREET OR TRAFFIC SIGN
- +98.80 - EXIST. SPOT ELEVATION



PROFILE  
 SCALE: HORIZ. 1"=20'  
 VERT. 1"=4'

Sheet Title: GENERAL PLAN OF SITE

Project: CITY OF DETROIT  
 PICNIC WAY BRIDGE RECONSTRUCTION

DESIGN BY: KCH/50  
 DRAWN BY: J.E./KCH.  
 CHECKED BY:

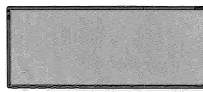
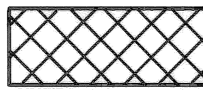
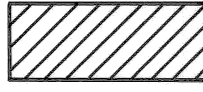
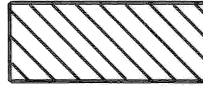

DATE: 8605  
 PROJECT NO.: 8605  
 SHEET NO.: R-1

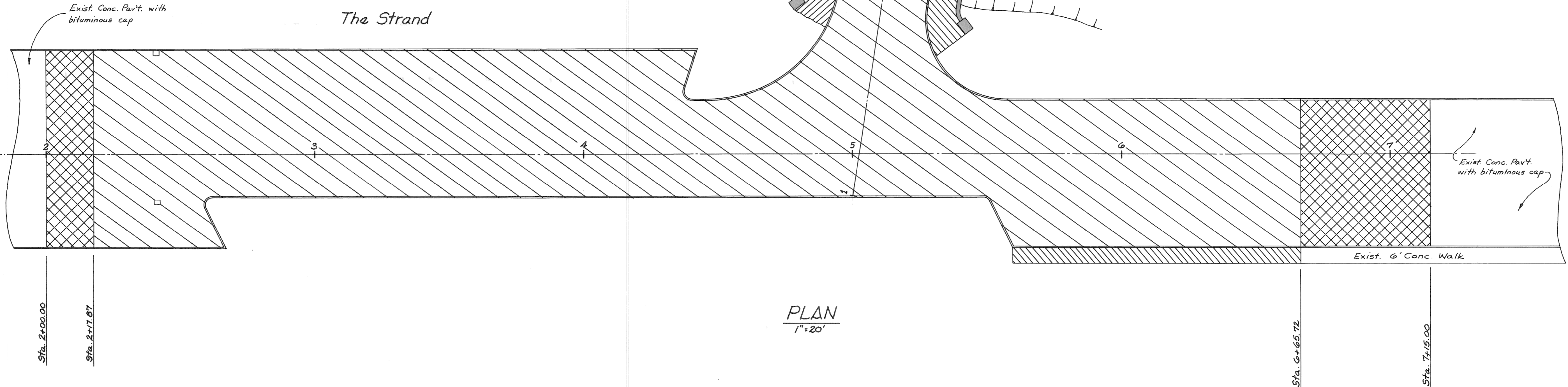
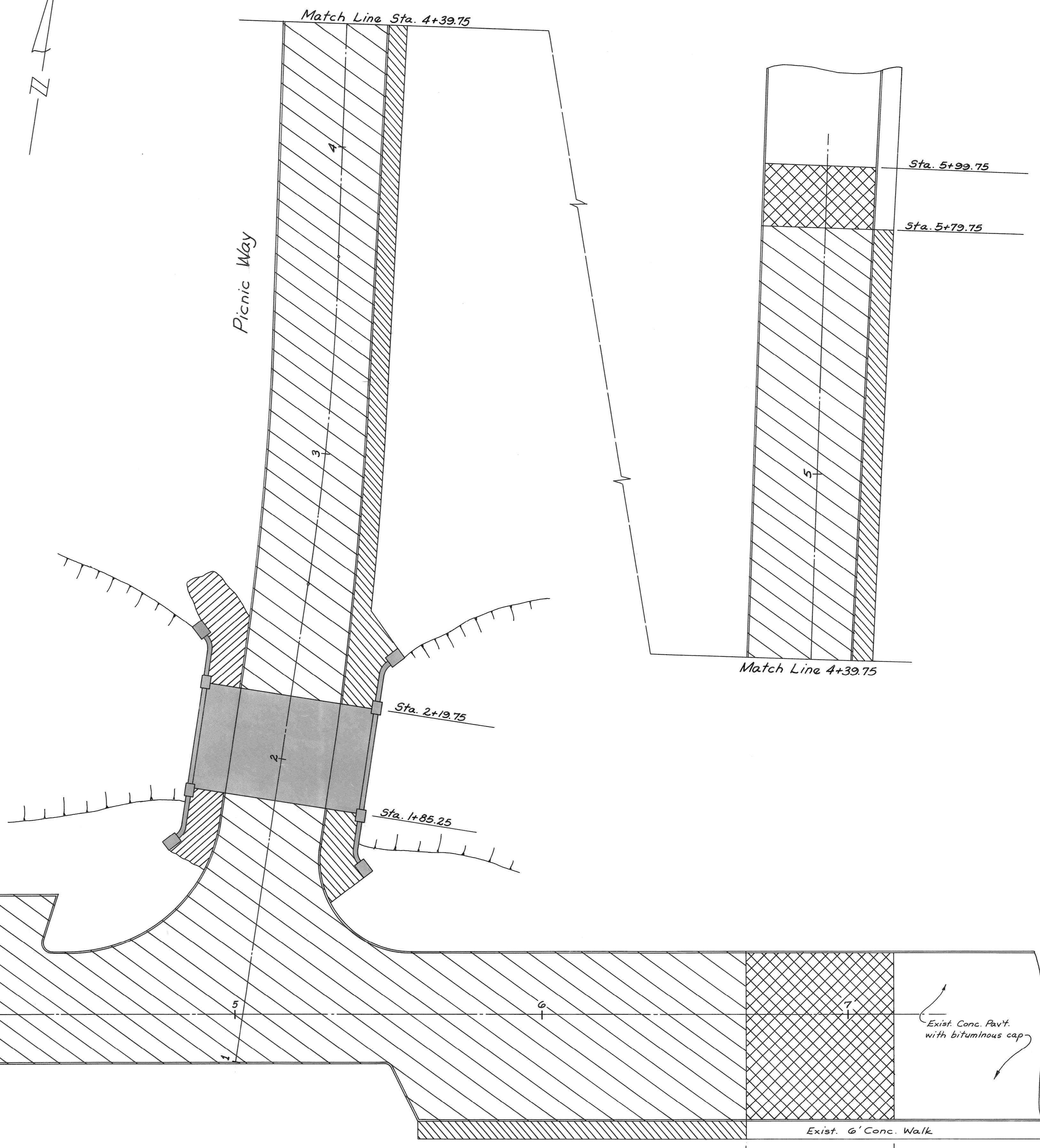
MADISON MADISON INTERNATIONAL OF MICHIGAN  
 Engineers, Architects, Planners  
 615 Griswold Street  
 Detroit, Michigan 48226

BRISQ PATEL  
 LICENSED PROFESSIONAL ENGINEER  
 NO. 28283

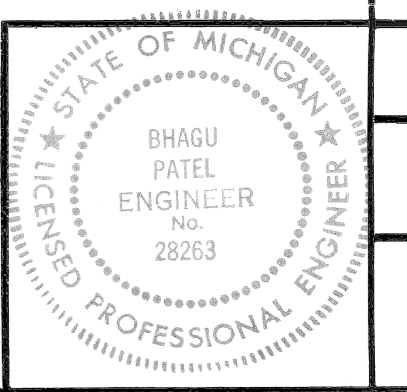




- Legend
-  - Exist. bridge (partial) demolition; (See sheets D1 and D2)
  -  - Remove existing bituminous surface only
  -  - Remove existing asphalt sidewalk
  -  - Remove existing concrete sidewalk
  -  - Remove existing concrete pavement with existing bituminous cap, including curbs.

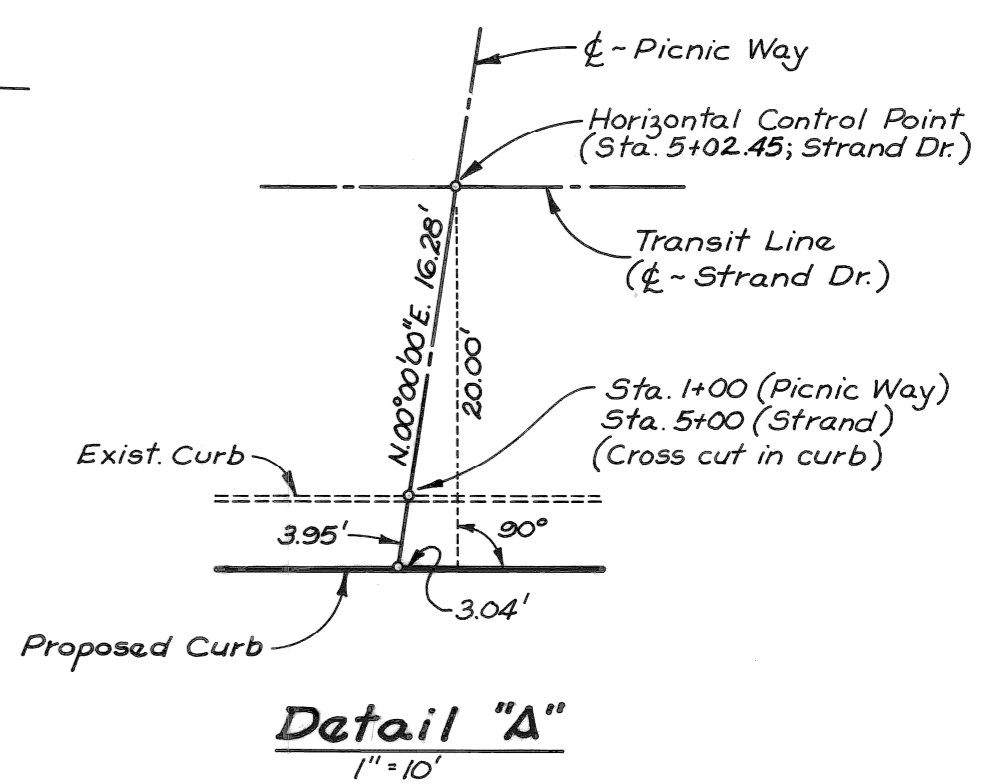
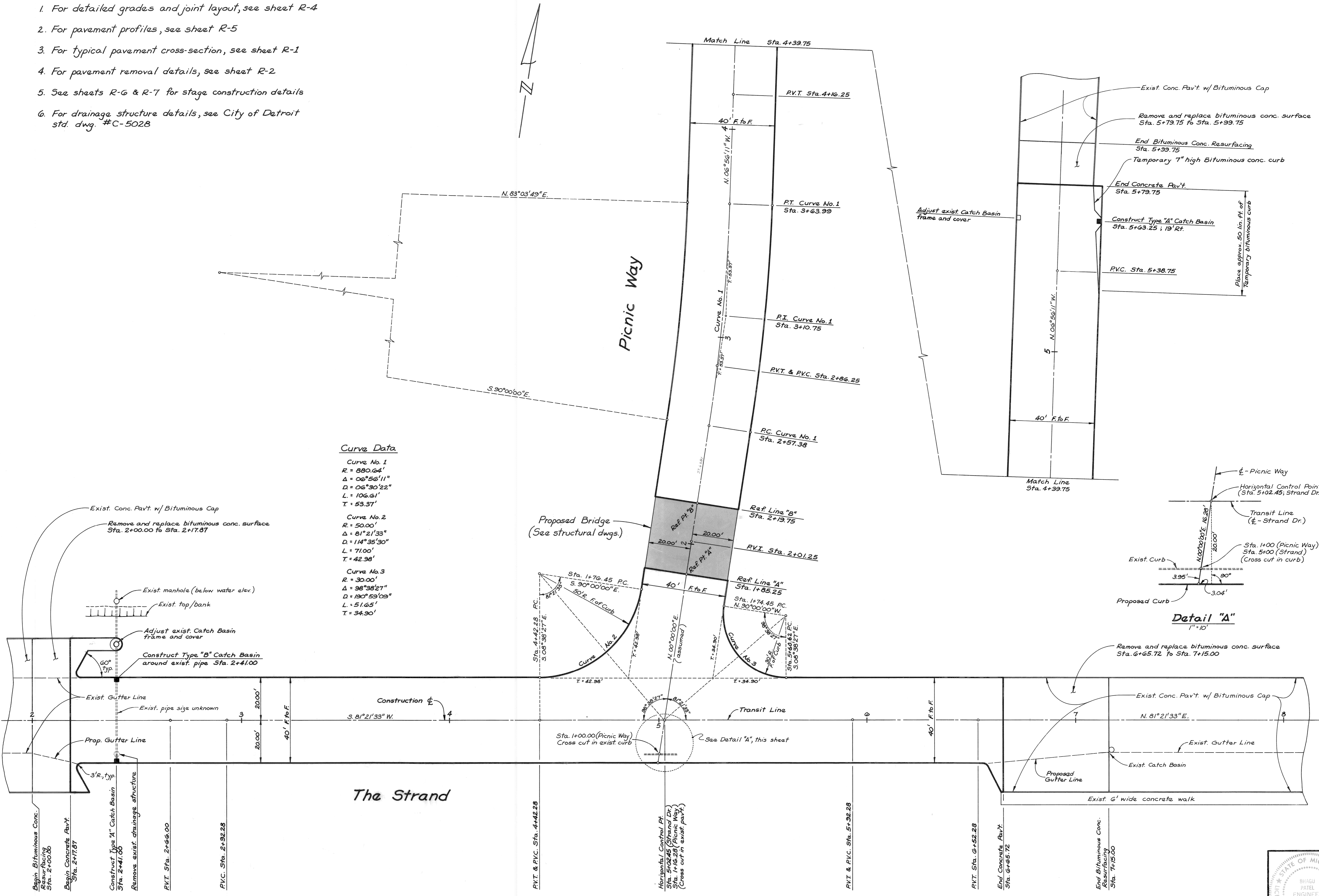


Sheet Title	REMOVAL SHEET
	CITY OF DETROIT PICNIC WAY BRIDGE RECONSTRUCTION
Project	MADISON MADISON INTERNATIONAL OF MICHIGAN Engineers, Architects, Planners 1420 Washington Blvd. Detroit, Michigan 48226
	DESIGN BY K.C.H.
DATE	DRAWN BY K.C.H.
	CHECKED BY
PROJECT NO.	8605
	SHEET NO. R-2

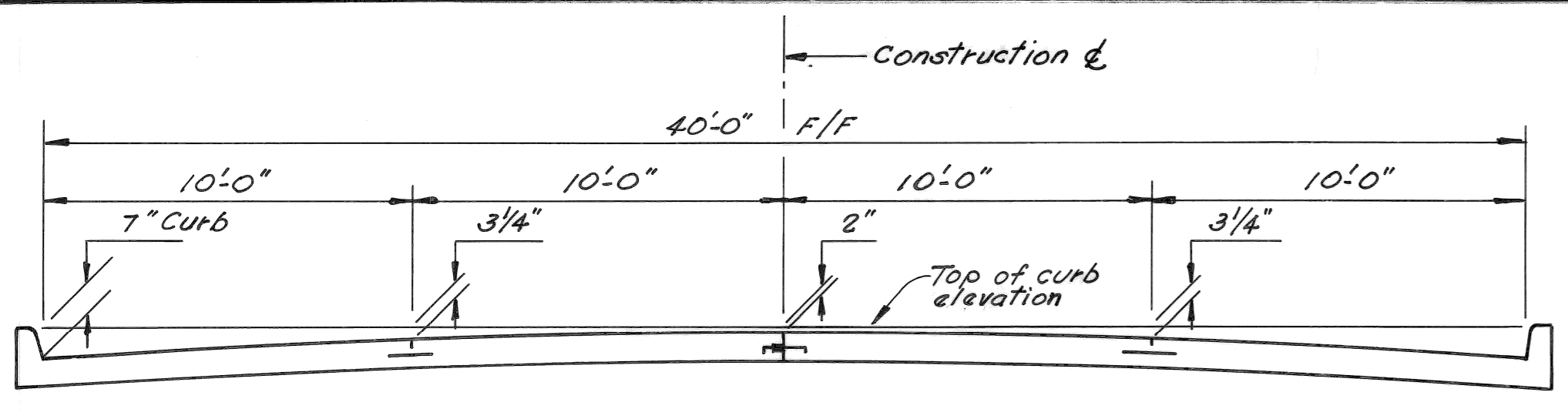


**Notes:**

1. For detailed grades and joint layout, see sheet R-4
2. For pavement profiles, see sheet R-5
3. For typical pavement cross-section, see sheet R-1
4. For pavement removal details, see sheet R-2
5. See sheets R-6 & R-7 for stage construction details
6. For drainage structure details, see City of Detroit std. dwg. #C-5028





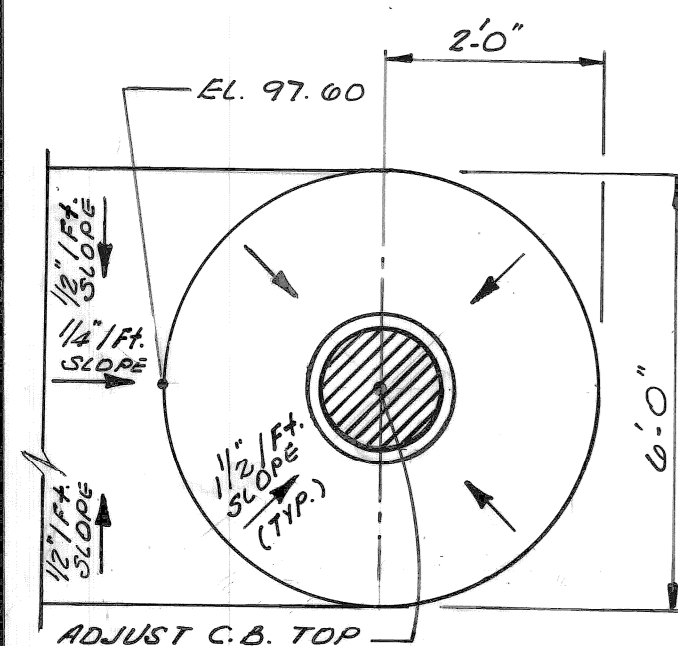


TYPICAL PARABOLIC PAVEMENT SECTION

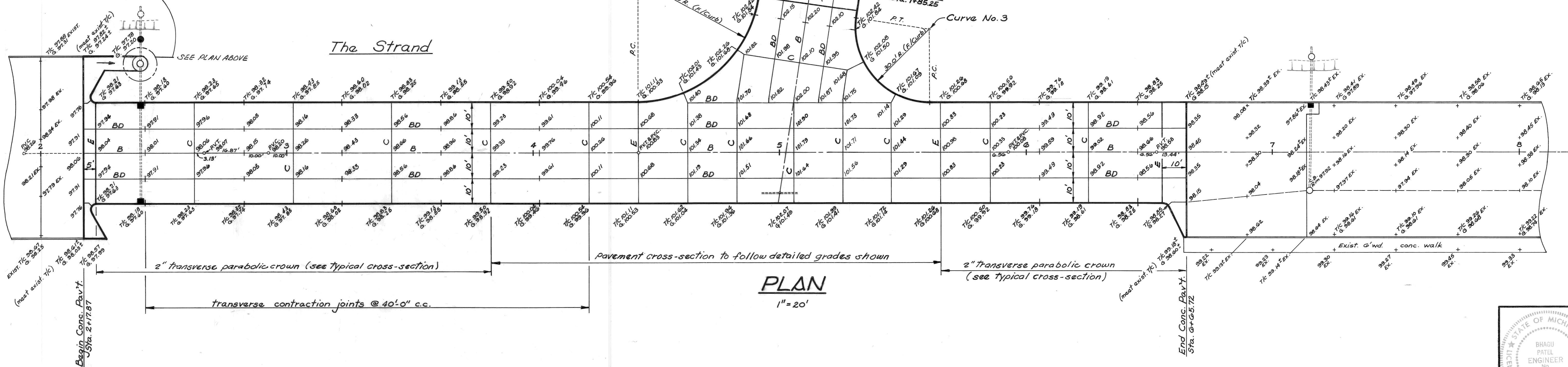
Curve No. 1 (Part &)

Notes:

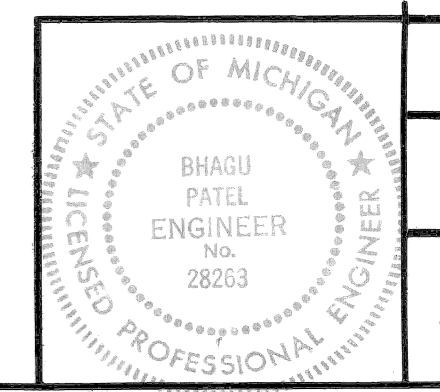
1. For joint details, see City of Detroit std. dwg. #C-4943.
2. For joint filler material see "Special Provision for sealing transverse contraction joints with silicone sealant".
3. See sheet R-3 for Curve data.
4. All elevations are based on City of Detroit datum.
5. See sheets R-6 & R-7 for stage construction details.
6. For pavement profiles, see sheet R-5.
7. See sheet R-1 for bench marks.



PLAN



PLAN  
1" = 20'

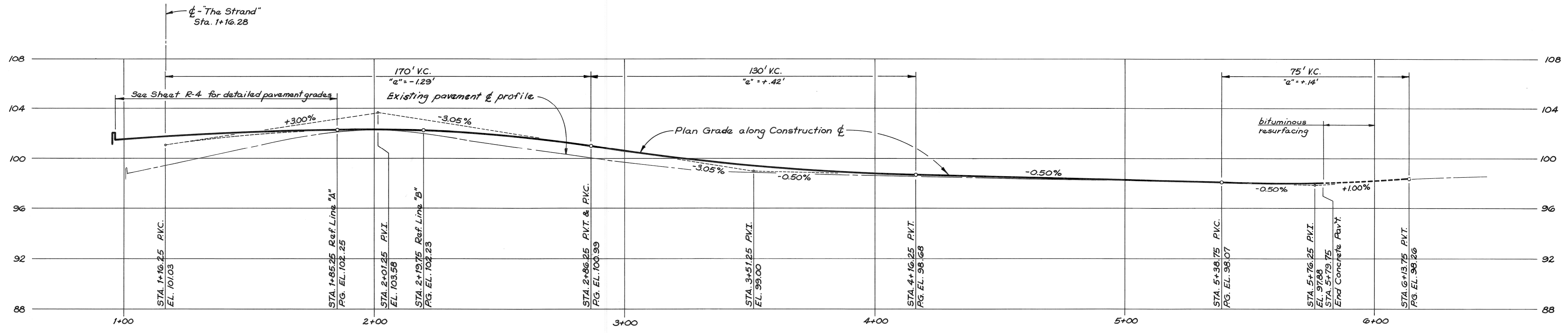


Sheet Title	DETAILED PAVEMENT GRADES AND JOINT LAYOUT
Project	CITY OF DETROIT PICNIC WAY BRIDGE RECONSTRUCTION
DESIGN BY	K.C.H.
DRAWN BY	K.C.H.
CHECKED BY	
DATE	
PROJECT NO.	8605
SHEET NO.	R-4

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Engineers, Architects, Planners  
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Detroit, Michigan 48226

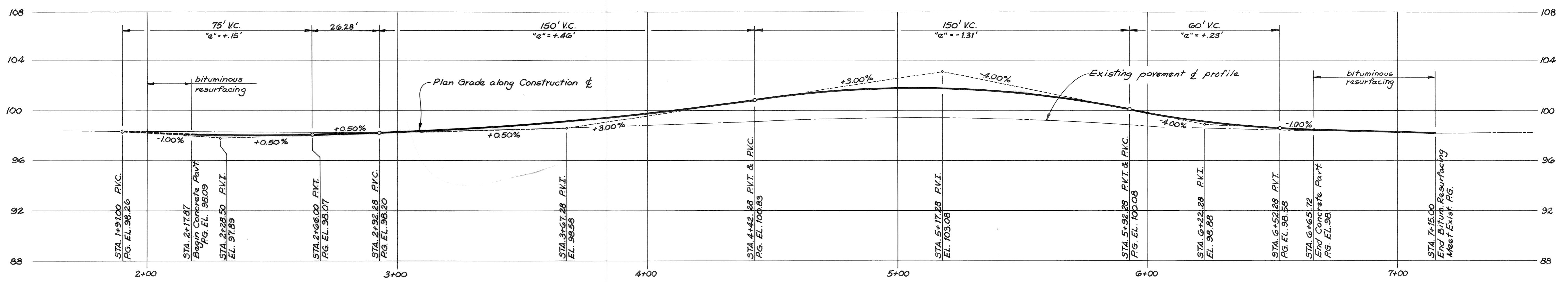
OWNERS REVIEW





**Picnic Way Profile**

Scale: Horiz. : 1" = 20'  
Vert. : 1" = 4'

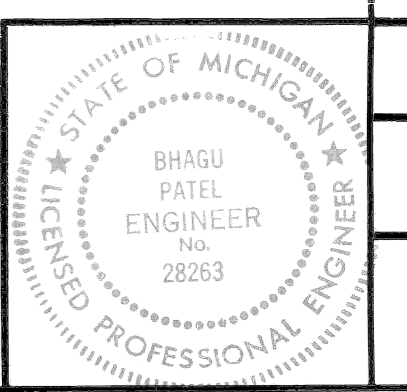


**"The Strand" Profile**

Scale: Horiz. : 1" = 20'  
Vert. : 1" = 4'

**Notes:**

1. See sheet R-1 for bench marks
2. All elevations are based on City of Detroit datum
3. See sheet R-4 for detailed pavement grades




Sheet Title  
**PAVEMENT PROFILES**

Project  
**CITY OF DETROIT  
PICNIC WAY BRIDGE  
RECONSTRUCTION**

**MADISON MADISON**  
INTERNATIONAL OF MICHIGAN  
Engineers, Architects, Planners  
1420 Washington Blvd.  
Detroit, Michigan 48226

DESIGN BY  
**K.C.H.**

DRAWN BY  
**K.C.H.**

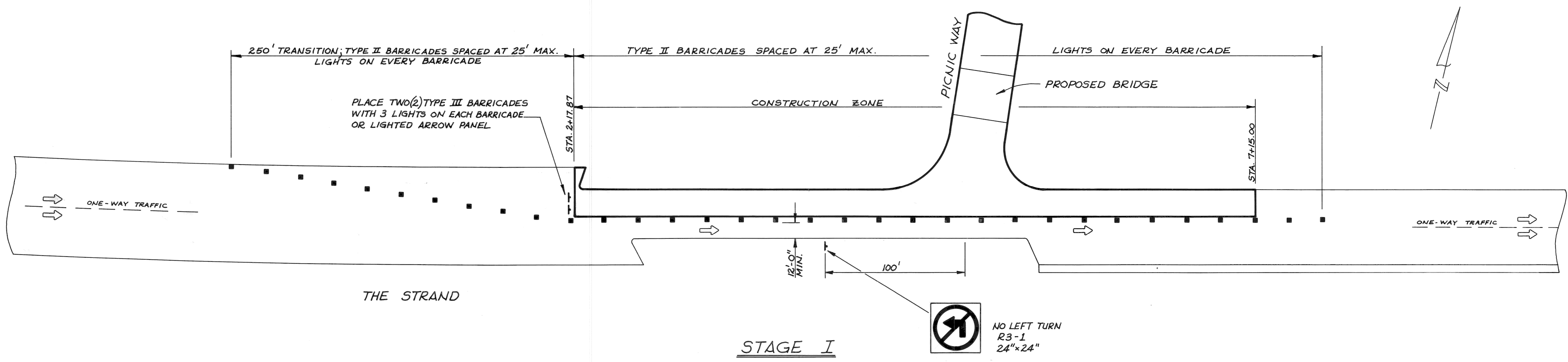
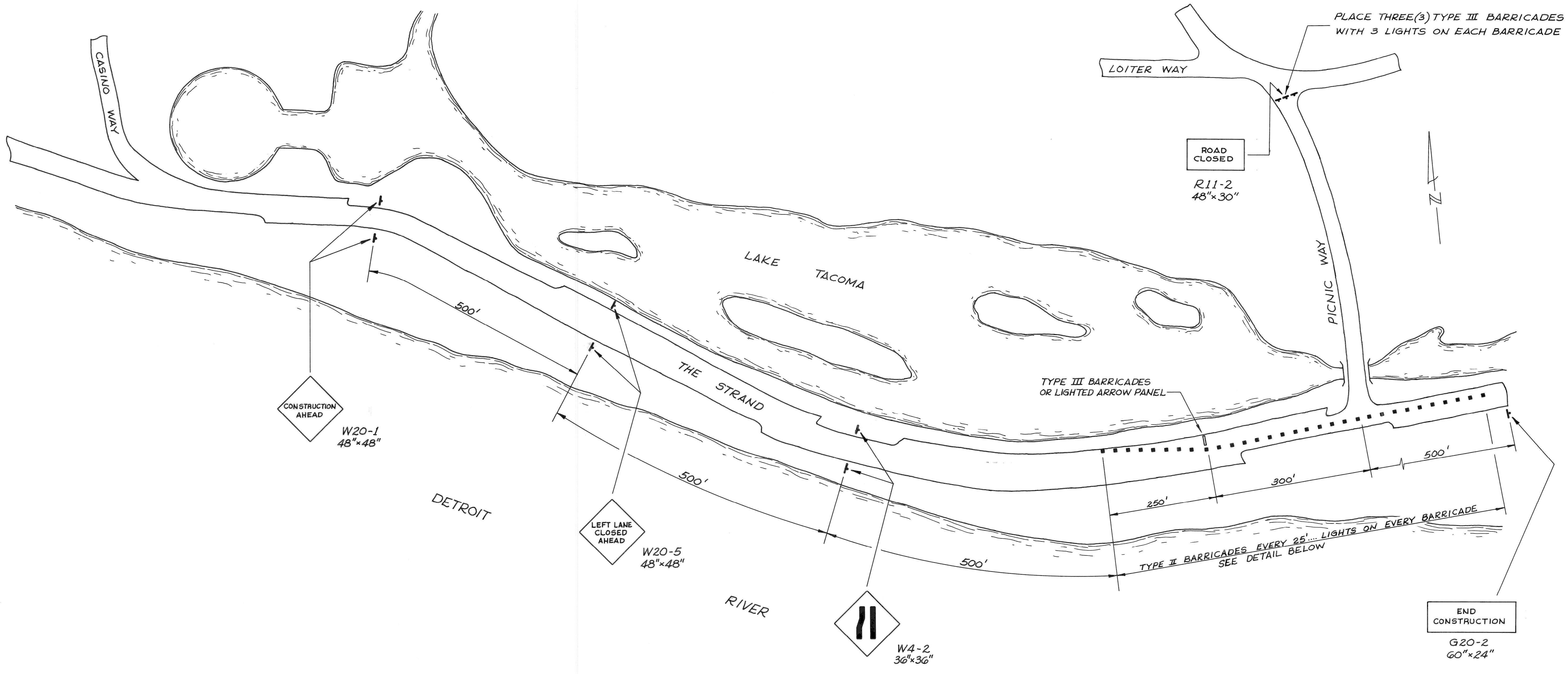
CHECKED BY

DATE

PROJECT NO.  
**8005**

SHEET NO.  
**R-5**

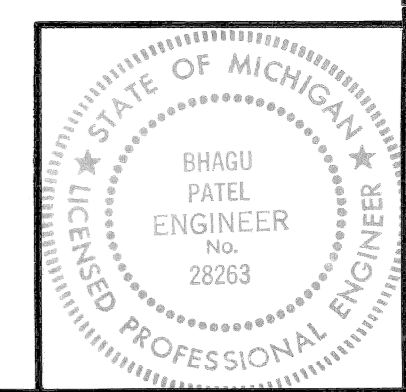




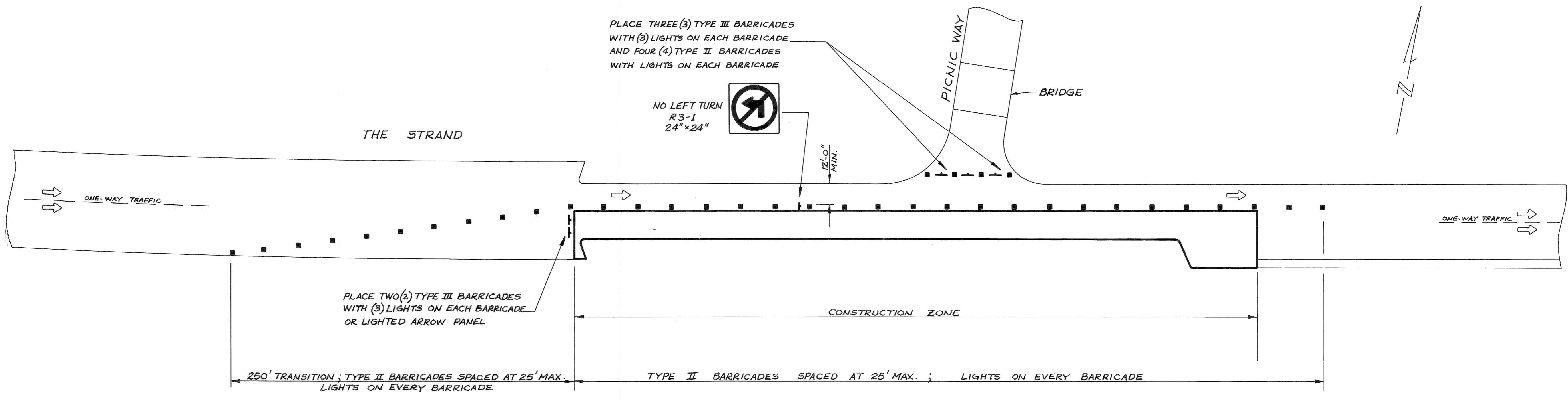
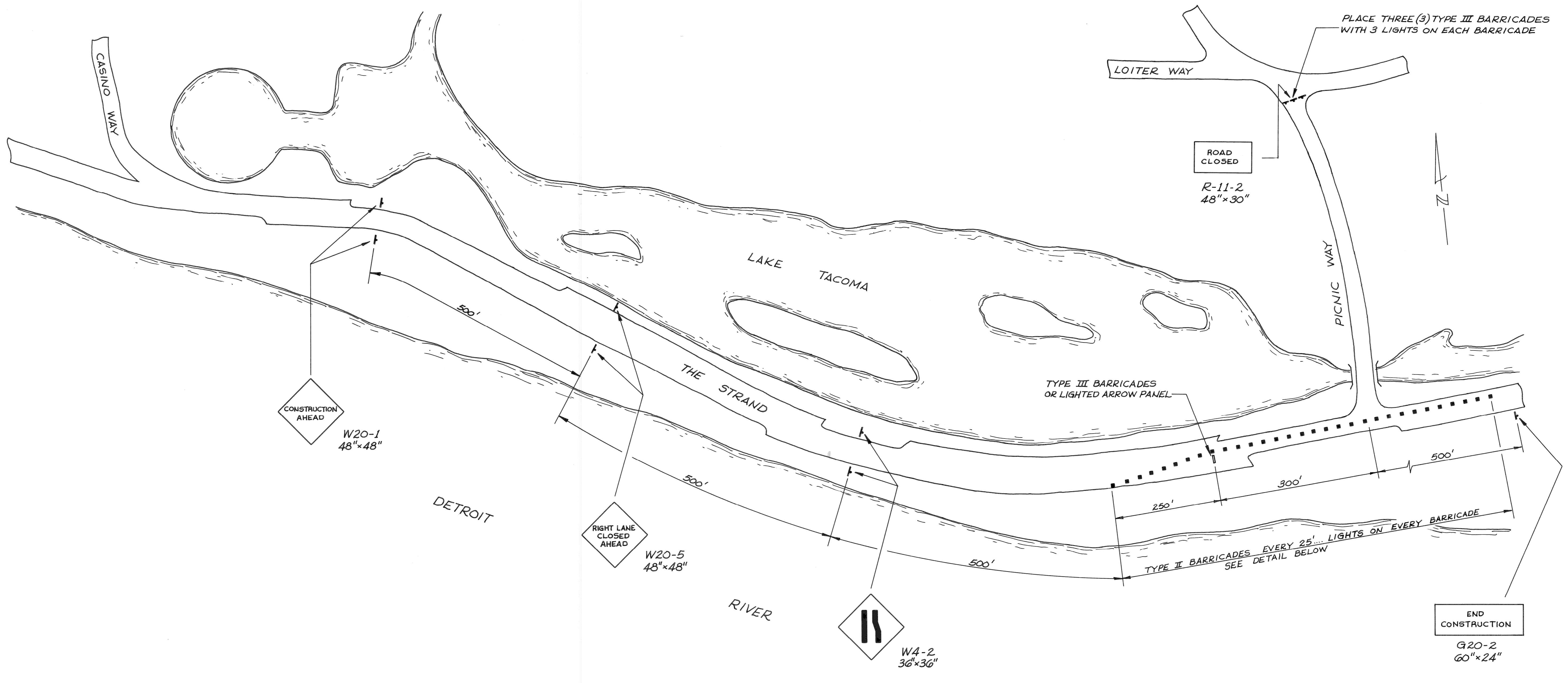
STAGE I

NO LEFT TURN  
R3-1  
24" x 24"

Sheet Title	TRAFFIC MAINTENANCE STAGE I
Project	CITY OF DETROIT PICNIC WAY BRIDGE RECONSTRUCTION
Design	MADISON MADISON INTERNATIONAL OF MICHIGAN Engineers, Architects, Planners 1420 Washington Blvd. Detroit, Michigan 48226
Design By	K.C.H.
Drawn By	K.C.H.
Checked By	
Date	
Project No.	8005
Sheet No.	R-6







STAGE II

Sheet Title	TRAFFIC MAINTENANCE STAGE II
Project	CITY OF DETROIT PICNIC WAY BRIDGE RECONSTRUCTION
DESIGN BY	MADISON MADISON INTERNATIONAL OF MICHIGAN Engineers, Architects, Planners 1420 Washington Blvd. Detroit, Michigan 48226
DRAWN BY	K.C.H.
CHECKED BY	K.C.H.
DATE	
PROJECT NO.	8605
SHEET NO.	R-7

