BENCH MARK: R.R. Spike in Power Pole on S.W. Corner of 3rd Street and 11th Avenue. Elev.= 734.34

> Pedestrian railing see sheet 4 of 6 for details

Design HW -Elev. 731.81

Existing Streambed— El. 725.94

2'-2"

Provide opening in west wall for 15" storm sewer. Inv. Elev. 729.50

From end of west wall-

measured along inside face

Existing Structure: SN 050-7010 built in 1912. The structure is a single span reinforced concrete slab bridge on closed abutments. Length 31' B. to B. of abutments. Clear Span of 29'. Width 51.6' O. to O. of deck.

91'-6" Along Centerline Box O. to O. Headwall

Centerline 3Rd Street

12'-0"

2% 2'-1"

Provide opening in east wall for 15"___/ storm sewer. Inv. Elev. 729.50

LONGITUDINAL SECTION

Looking West
(Dimensions are at Rt. L's to Roadway unless noted)

Traffic to be maintained utilizing an unmarked detour.

No salvage.

└_D.S. İnv. El. 726.00

10'-0"

12'-0"

2%

	DRA	NNAGE AREA=	= 3.01 SQ. N	11. LOW	GRADE ELEV.=	= 733.58 @	Sta. 3+50		
FLOOD	FREQ. YR.	Q C.F.S.	OPENING SQ. FT.		NAT.	HEAD — FT.		HEADWATER EL.	
			EXIST.	PROP.	H.W.E.	EXIST.	PROP.	EXIST.	PROP.
DESIGN	30	517	72.2	115.5	731.81	0.92	0	732.73	731.81
BASE	100	694	72.2	115.5	732.64	1.32	0	733.96	732.64
OVERTOPPING		_	-	-	-	-	_	-	_
MAX. CALC.	500	990	72.2	115.5	733.54	1.85	0.63	735.39	734.17

Notch formed by rough-finished

board attached to and removed with formwork. (Do not chamfer.

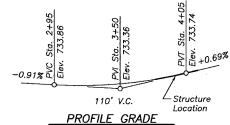


Sheet 1 of 6 Sheets

** 03-00609-00-BR *** BRM-5044 (9) CONTRACT NO. 87294

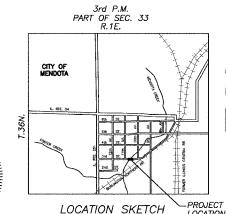
MENDOTA CREEK BUILT 200_ BY LASALLE COUNTY SEC. 03-00609-00-BR STA. 3+97.85 F.A.U. PROJ. BRM-5044 (9) STR. NO. 050-7015 LOADING HS20

NAME PLATE Std. 515001



(Along Centerline Roadway)

TOTAL BILL OF MATERIALS						
ITEM	UNIT	QUANTITY				
Removal of Existing Structures	Each	1				
Name Plates	Each	1				
Concrete Box Culverts	Cu Yd	179				
Stone Riprap, Class A5	Sq Yd	152				
Filter Fabric for use with Riprap	Sq Yd	152				
Pedestrian Rail (Special)	Foot	127.6				
Temporary Sheet Piling	Sq Ft	914				
Reinforcement Bars	Pound	43720				
Reinforcement Bars, Epoxy Coated	Pound	1210				



11-05-04 LICENSE

Age J. Linely signature

Stone Rip Rap Class A5 Centerline Structure Sta. 3+97.85 PGL Elev. 733.69 Railina Filter Fabric SECTION A-A LOADING HS-20-44 ALLOW 50#/SQ. FT. FOR FUTURE WEARING SURFACE Plate Stone Rip Rap Class A5 DESIGN SPECIFICATIONS Location Centerline New 2002 AASHTO Provide opening in DESIGN STRESSES wall for 15" storm Flow FIELD UNITS f'c= 3,500 PSI -Temporary Sheet fy= 60,000 PSI (Reinf.) Piling (Typ.) - Stone Rip Rap Class A5 I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE,
INFORMATION AND BELIEF, THIS CULVERT DESIGN IS
STRUCTURALLY ADEQUATE FOR THE DESIGN
LOADING SHOWN ON THE PLANS. THE DESIGN IS
AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE
AND COMPLIES WITH REQUIREMENTS OF THE CURRENT
"AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES". • Boring #1 35'-5 1/4" 56'-0 3/4" 91'-6" Pedestrian Railina Provide openina in

PLAN

11'-3 1/4"

U.S. Inv. El. -5'-6" 726.25

20'-8"

-From end of east wall measured along

inside face of wall.

2%

12"

Pedestrian

Existing Streambed El. 726.8

10'-6"

wall for 15" storm

SECTION THRU BARREL

LONGITUDINAL SECTION NOTCH DETAIL

PHOEBE NESTING SITE DETAILS

(Downstream End Only) (Interior Wall)

General Notes

CHAMLING

ILLINOIS

PERU

MORRIS

- For backfilling and embankment, see Standard Specifications.
- Reinforcement bars shall conform to the requirements of AASHTO M31, M42 or M53 Grade 60.

4'-0" 4'-0"

3. Precast option is not allowed.

GENERAL PLAN 3RD STREET OVER MENDOTA CREEK SECTION 03-00609-00-BR LASALLE COUNTY STA. 3+97.85 SN 050-7015