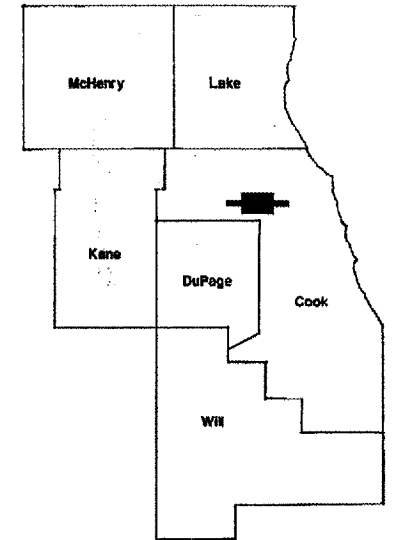


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-042I	COOK & MCHENRY	12	1

FOR INDEX OF SHEETS SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF
TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT ONE
PROPOSED HIGHWAY PLANS

CONTRACT NO: 60A14
D-91-275-05



LOCATION OF IMPROVEMENT INDICATED THUS:

IMPROVEMENTS ARE LOCATED IN THE CITY OF CHICAGO, CITY OF DES PLAINES, RICHMOND TOWNSHIP AND MCHENRY TOWNSHIP

VARIOUS ROUTES
 VARIOUS LOCATIONS
 SECTION 2005-042I
 BRIDGE JOINT REPAIR
 COOK & MCHENRY COUNTIES
 C-91-275-05

- 1) S.N. 016-0406: IL 50 (CICERO AVE.) OVER I-290 & CTA RR
- 2) S.N. 016-0238: US 14 (MINER ST.) OVER DES PLAINES RIVER
- 3) S.N. 016-2081: HALSTED OVER I-290 & CTA RR
- 4) S.N. 016-2113: MORGAN ST. OVER I-290 & CTA RR
- 5) S.N. 056-0037: IL 31 OVER NIPPERSINK CREEK
- 6) S.N. 056-0057: US 12 OVER NIPPERSINK CREEK

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: 9/30 2006

Diane M. O'Keefe

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12, 2006

Mike Hene

ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2006

Milton R. Sees, P.E.

DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

J.U.L.I.E.: JOINT UTILITY LOCATION
 INFORMATION FOR EXCAVATION
 (800) 892-0123

C.U.A.N.
 CHICAGO UTILITY ALERT NETWORK
 (312)744-7000

DISTRICT ONE - DESIGN - PLAN PREPARATION
 KEN ENG / ROBERT BORO (847)-705-4178

CONTRACT NO. 60A14

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-0421	VARIOUS	12	2

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
- 3 - 4 LOCATION MAPS
- 5 SUMMARY OF QUANTITIES
- 6 - 11 BRIDGE JOINT REPAIR
- 12 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTION, AND DRIVEWAYS

STATE STANDARDS

- 701606-04 URBAN LANE CLOSURE, MULTI-LANE, 2W W/
MOUNTABLE MEDIUM
- 701426-02 LANE CLOSURE, MULTI-LANE, INTERMITTENT OR
MOVING OPERATION, FOR SPEEDS > 45MPH
- 701801-03 LANE CLOSURE MULTI-LANE 1W OR 2W CROSSWALK OR SIDEWALK
CLOSURE
- 702001-04 TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE & GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED)

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR TOLLWAY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 FOR ARTERIALS A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY ALL DIMENSIONS & CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION & ORDERING OF MATERIAL.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

ALL DAMAGE TO THE TRAFFIC CONTROL DEVICES OR MARKING AS A RESULT OF BRIDGE JOINT REPAIR SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE

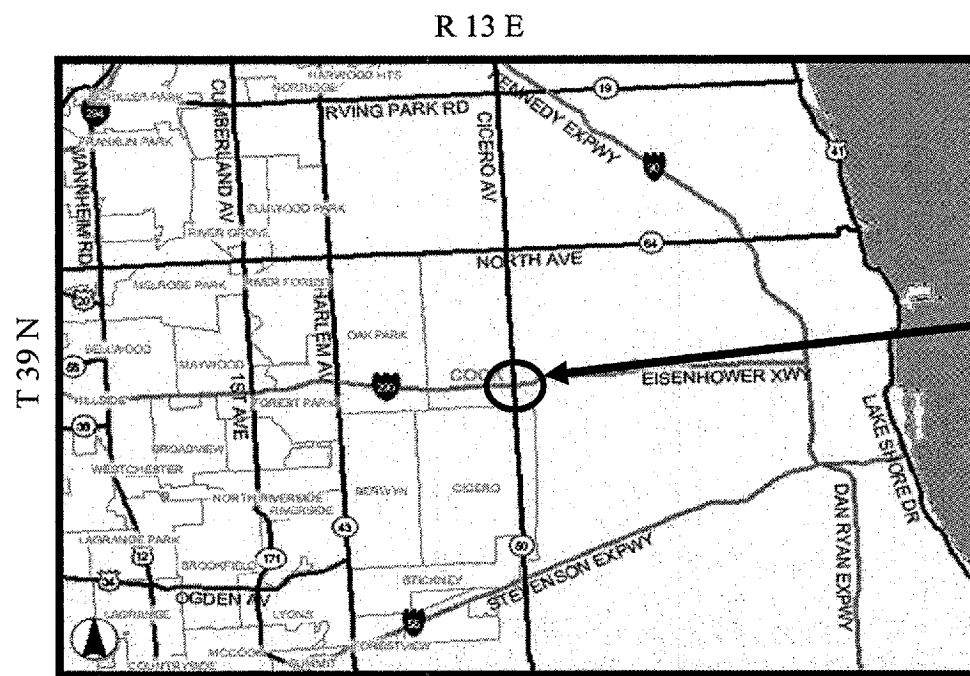
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

ILLINOIS DEPARTMENT OF
TRANSPORTATION

INDEX OF SHEETS
STATE STANDARDS
GENERAL NOTES

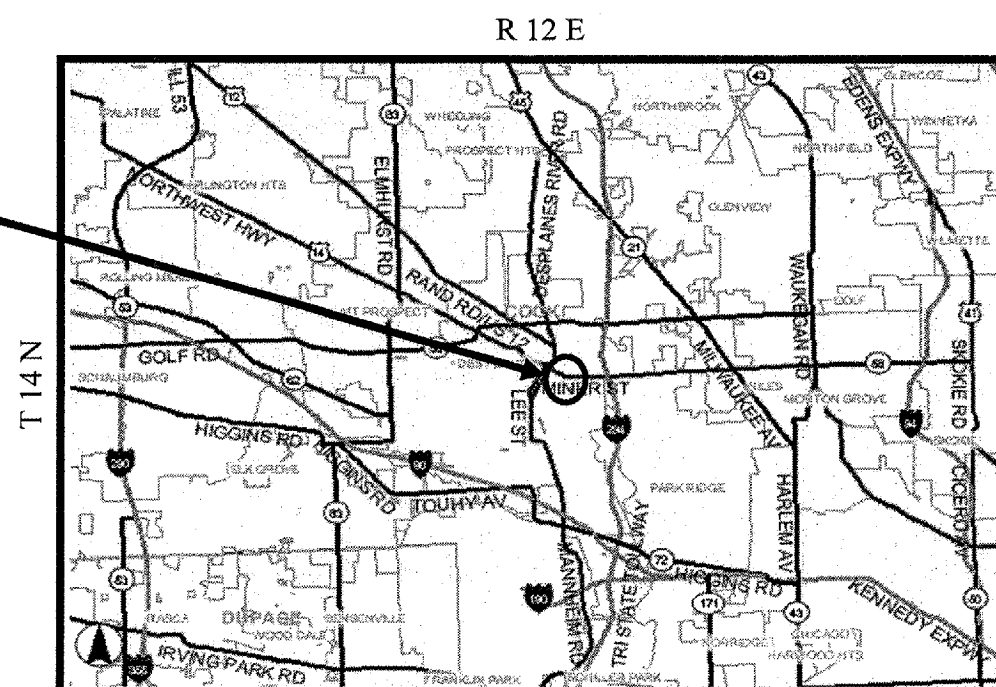
Rev.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-042I	VARIOUS	12	3



WEST CHICAGO TOWNSHIP

LOCATION 1: FAP 350: IL 50 (CICERO AVE.) OVER I-290 & CTA RR
 S.N. 016-0406
TRAFFIC DATA- CICERO AVE.
 2005 ADT = 30,500
POSTED SPEED LIMIT = 30MPH

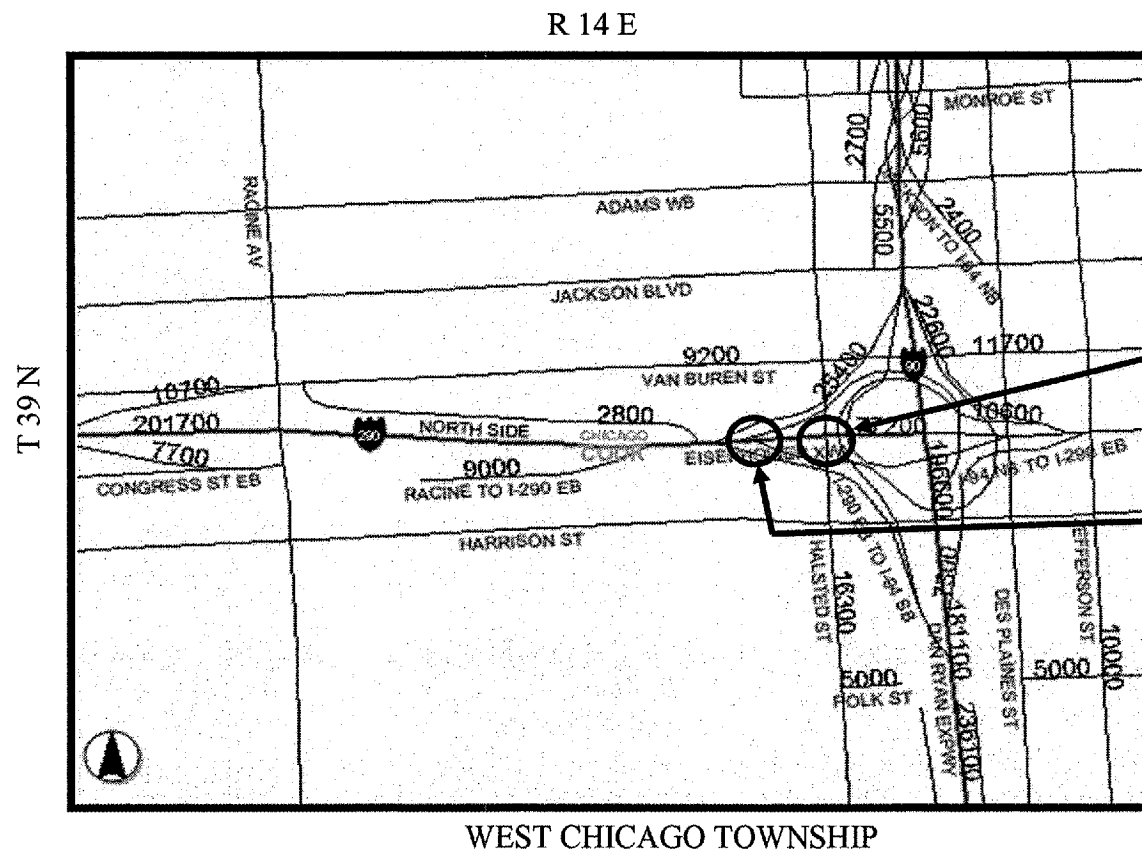


MAINE TOWNSHIP

LOCATION 2: FAU 3512: US 14 (MINER ST) OVER DES PLAINES RIVER
 S.N. 016-0238
TRAFFIC DATA- MINER ST.
 2005 ADT = 17,400
POSTED SPEED LIMIT = 40MPH

Rev.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-042I	VARIOUS	12	4

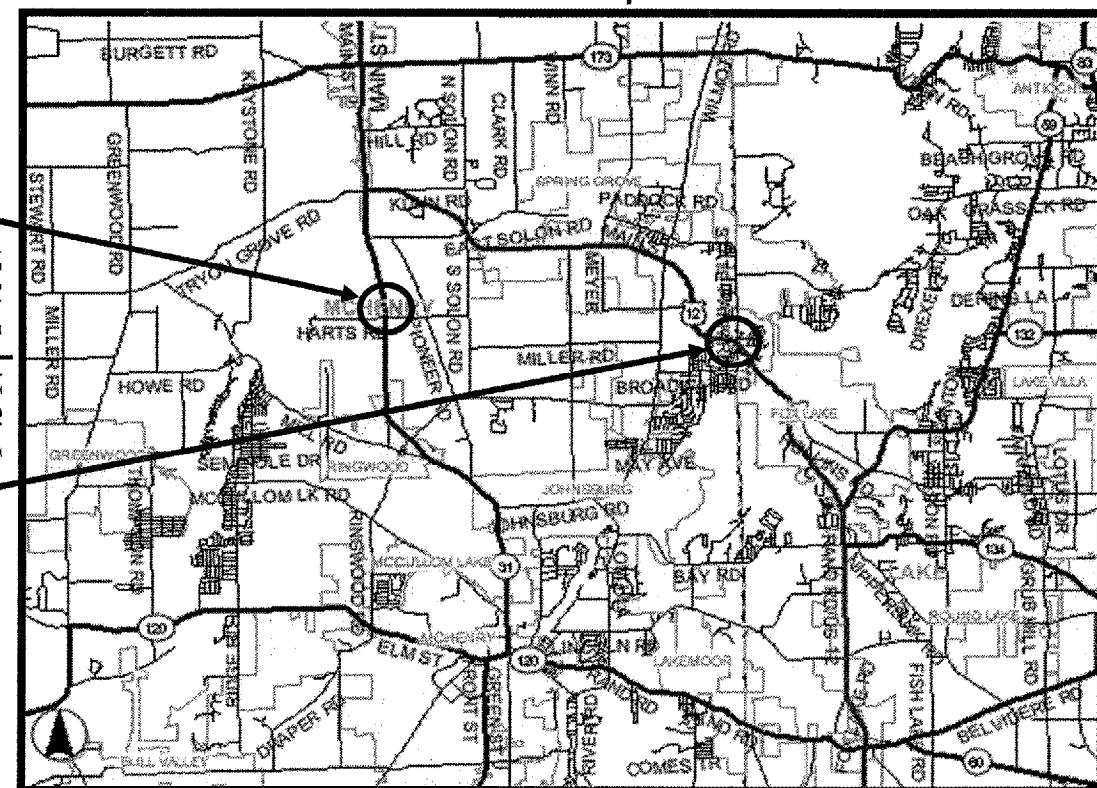


LOCATION 3: FAU 3730: HALSTED ST. OVER I-290 & CTA RR
 S.N. 016-2081
TRAFFIC DATA – HALSTED ST.
 2002 ADT = 16,300
 SPEED LIMIT = 35 MPH

LOCATION 4: MORGAN ST. OVER I-290 & CTA RR
 S.N. 016-2113
TRAFFIC DATA – MORGAN ST.
 1997 ADT = 5,009
 SPEED LIMIT = 35 MPH

LOCATION 5: FAP 336: IL 31 OVER NIPPERSINK CREEK
 S.N. 056-0037
TRAFFIC DATA – IL 31
 2005 ADT = 7,700
 SPEED LIMIT = 55 MPH

LOCATION 6: FAP 334: US 12 OVER NIPPERSINK CREEK
 S.N. 056-0057
TRAFFIC DATA – US 12
 2005 ADT = 19,600
 SPEED LIMIT = 45 MPH



RICHMOND TOWNSHIP
 McHENRY TOWNSHIP

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-042I	VARIOUS	12	5

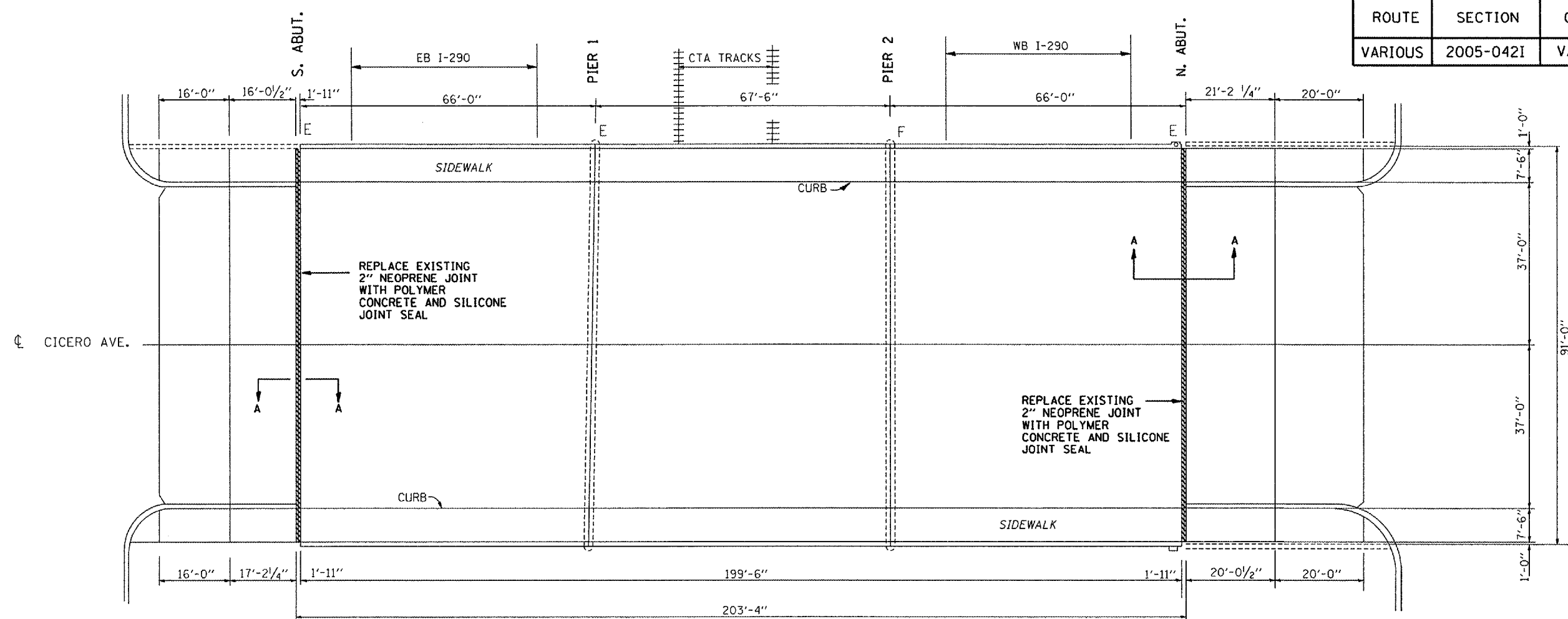
CONSTRUCTION TYPE CODE SFTY-2A

SUMMARY OF QUANTITIES			URBAN TOTAL	COOK COUNTY				McHENRY COUNTY	
CODE NO.	ITEMS	UNITS	QUANTITIES <i>100% STATE</i>	016-0406 LOCATION 1	016-0238 LOCATION 2	016-2081 LOCATION 3	016-2113 LOCATION 4	056-0037 LOCATION 5	056-0057 LOCATION 6
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	0.33	0.33	0.33	0.33	034	0.34
67100100	MOBILIZATION	L SUM	1	0.17	0.17	0.17	0.17	0.16	0.16
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	<i>0.17</i>	<i>0.17</i>	<i>0.17</i>	<i>0.17</i>	<i>0.16</i>	<i>0.16</i>
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.20	0.20	0.20	0.20		0.20
X0321743	SILICONE JOINT SEALER, 1"	FOOT	143		143				
X0323076	SILICONE JOINT SEALER, 1 3/4"	FOOT	<i>186</i>					53	<i>133</i>
X0321744	SILICONE JOINT SEALER, 2"	FOOT	306	183			123		
X0322933	SILICONE JOINT SEALER, 2 1/2"	FOOT	<i>410</i>			410			
X0323077	SILICONE JOINT SEALER, 2 3/4"	FOOT	128		75			53	
X0320887	POLYMER CONCRETE	CU FT	57.5	17.6		39.9			
X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE	SQ FT	288	48	48	48	48	48	48
<i>Z0048665</i>	<i>RAILROAD PROTECTIVE LIABILITY INSURANCE</i>	<i>L SUM</i>	<i>1</i>	<i>0.33</i>		<i>0.34</i>	<i>0.33</i>		

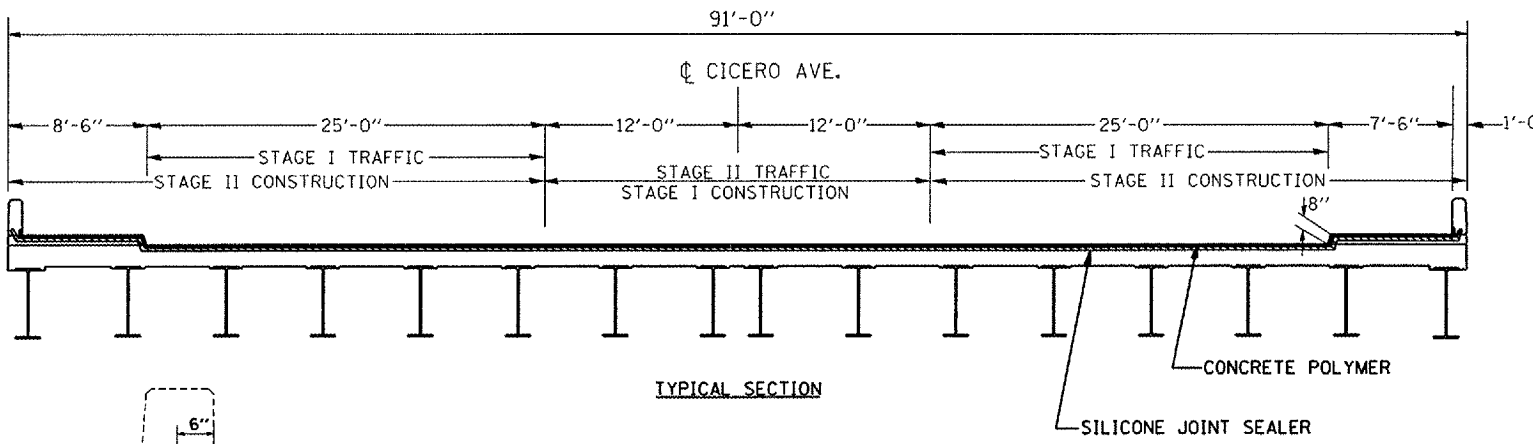
ILLINOIS DEPARTMENT OF
TRANSPORTATION
SUMMARY OF QUANTITIES

Rev.

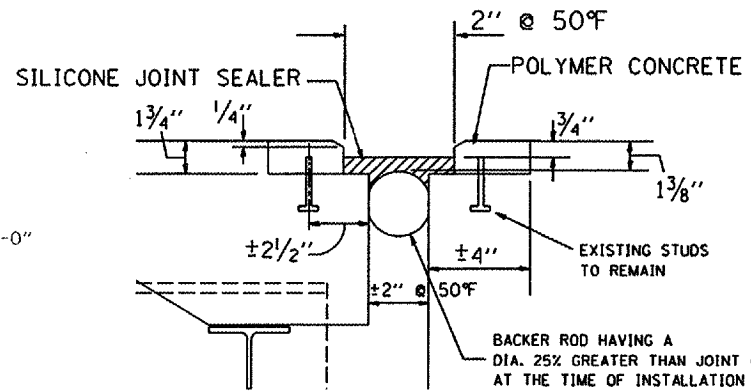
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-042I	VARIOUS	12	6



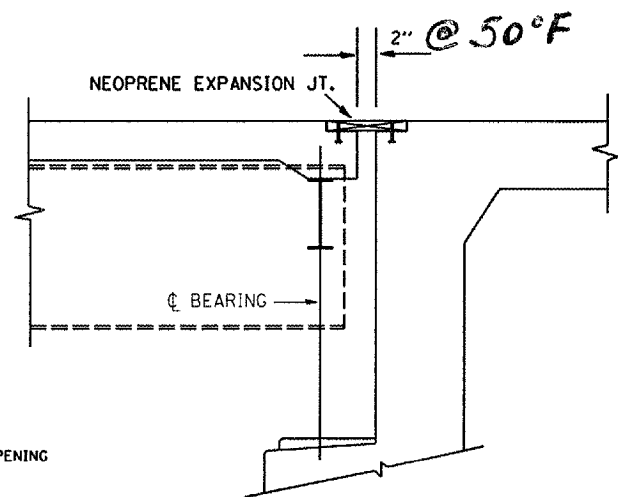
PLAN



TYPICAL SECTION



PROPOSED

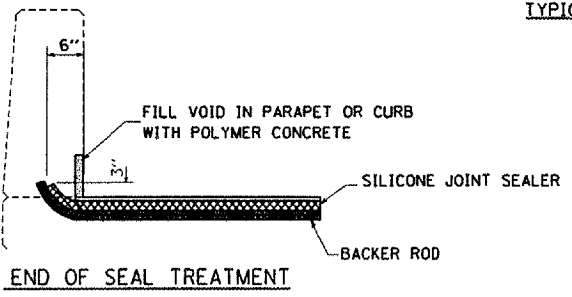


EXISTING

SECTION A-A

BILL OF MATERIAL

PAY ITEMS	UNIT	QUANTITY
SILICONE JOINT SEALER 2"	FOOT	183
POLYMER CONCRETE	CU FT	17.6



END OF SEAL TREATMENT

ILLINOIS DEPARTMENT OF TRANSPORTATION

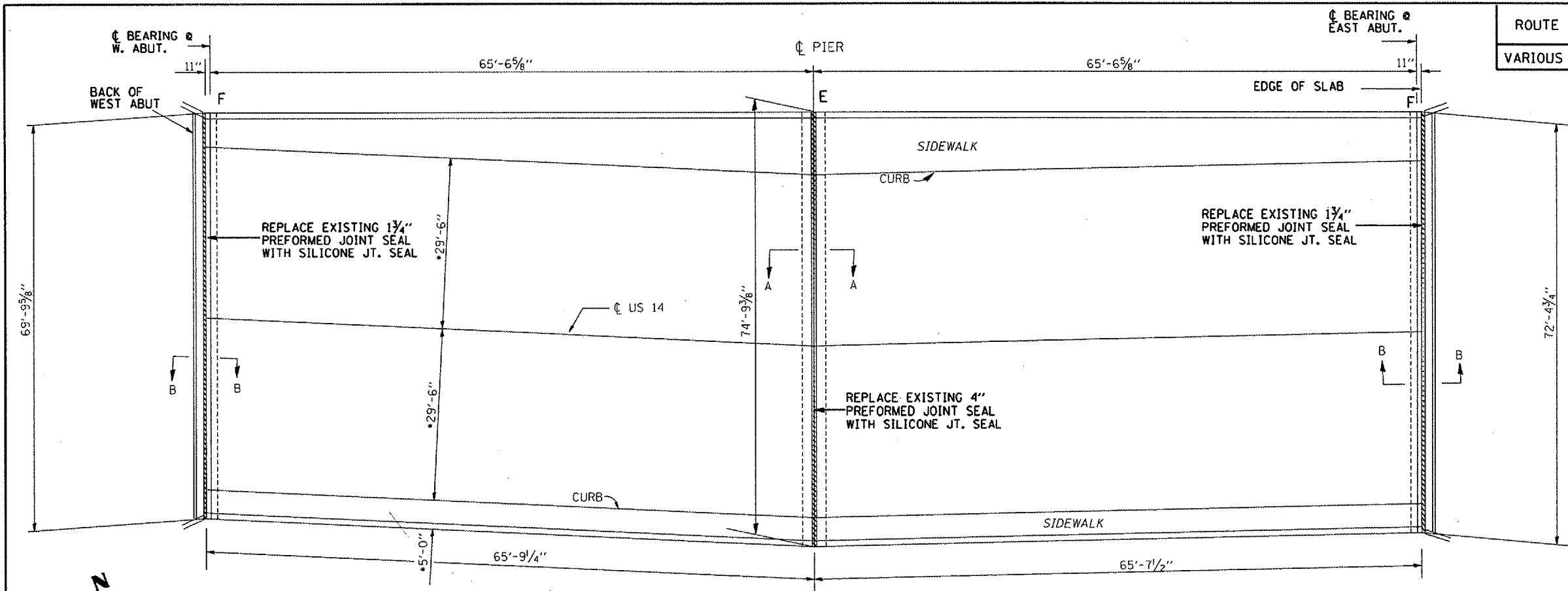
LOCATION 1
SN 016-0406

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

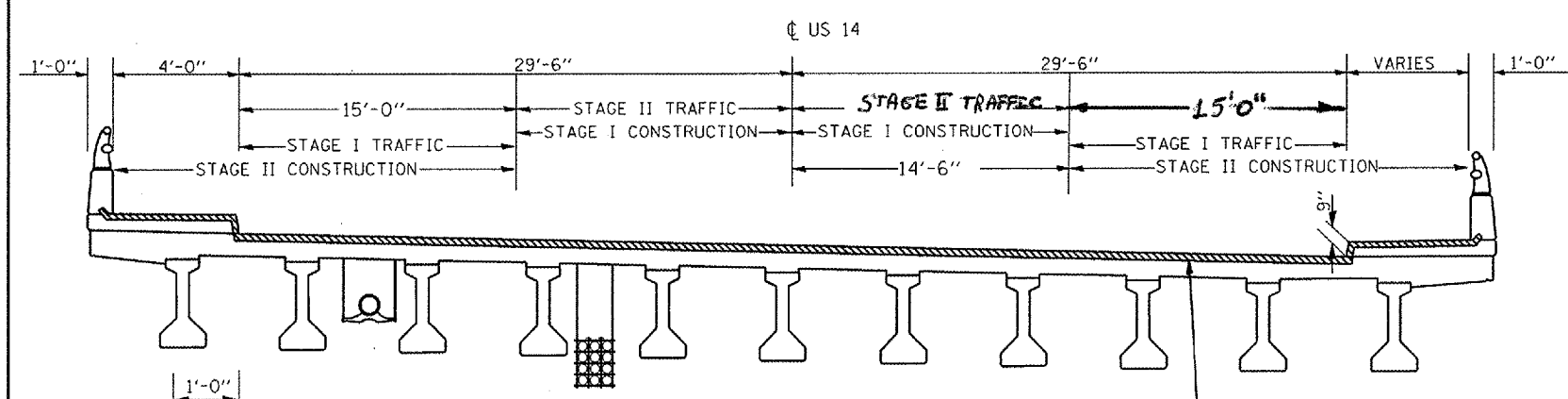
PLOT DATE: 3/28/2006
 PLOT SCALE: 1/8" = 1'-0"
 PLOT USER: msh
 USER NAME: msh

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-042I	VARIOUS	12	7



* DIMENSION ARE MEASURED RADIALLY

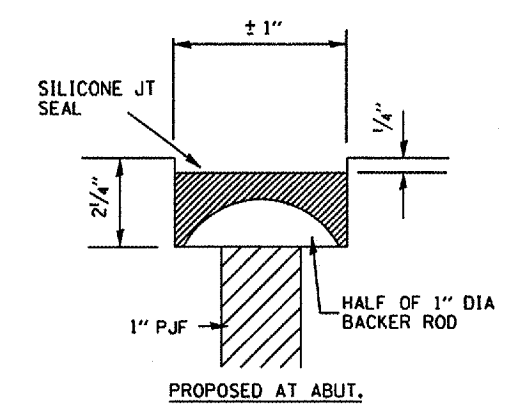
PLAN



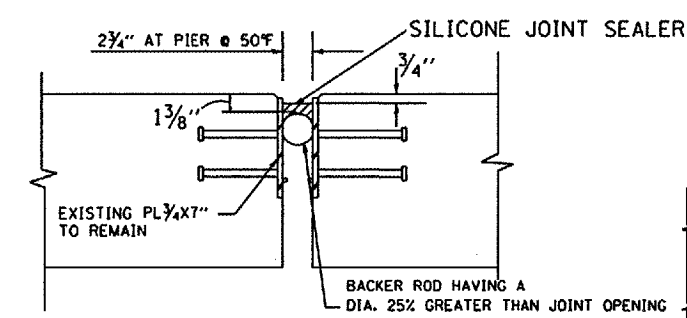
TYPICAL SECTION

BILL OF MATERIAL

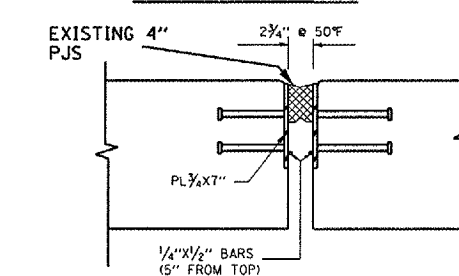
PAY ITEMS	UNIT	QUANTITY
SILICONE JOINT SEALER 2 3/4"	FOOT	75
SILICONE JOINT SEALER 1"	FOOT	143



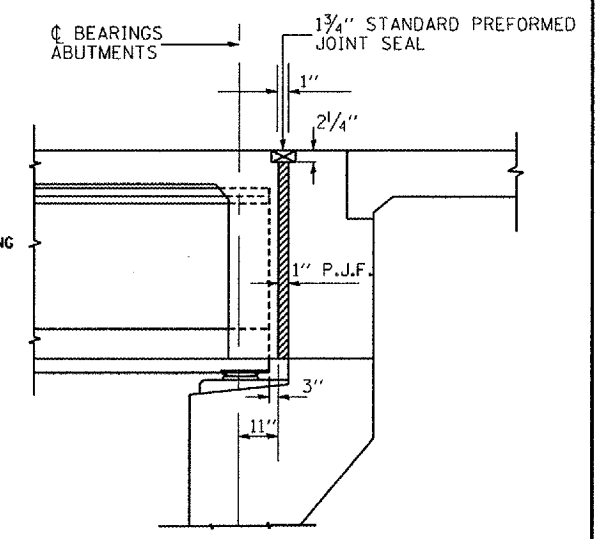
PROPOSED AT ABUT.



PROPOSED AT PIER

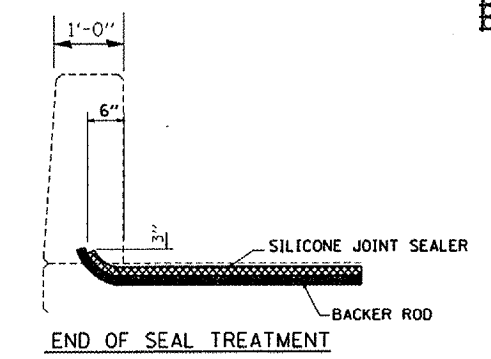


EXISTING SECTION A-A



EXISTING AT ABUTMENTS

SECTION B-B



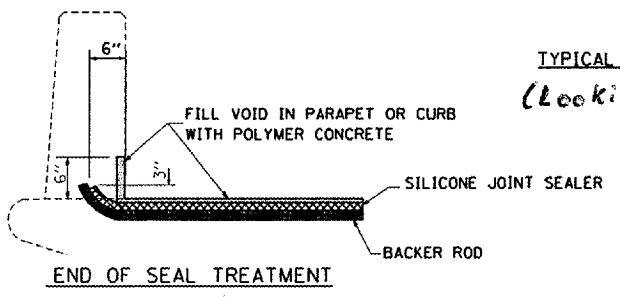
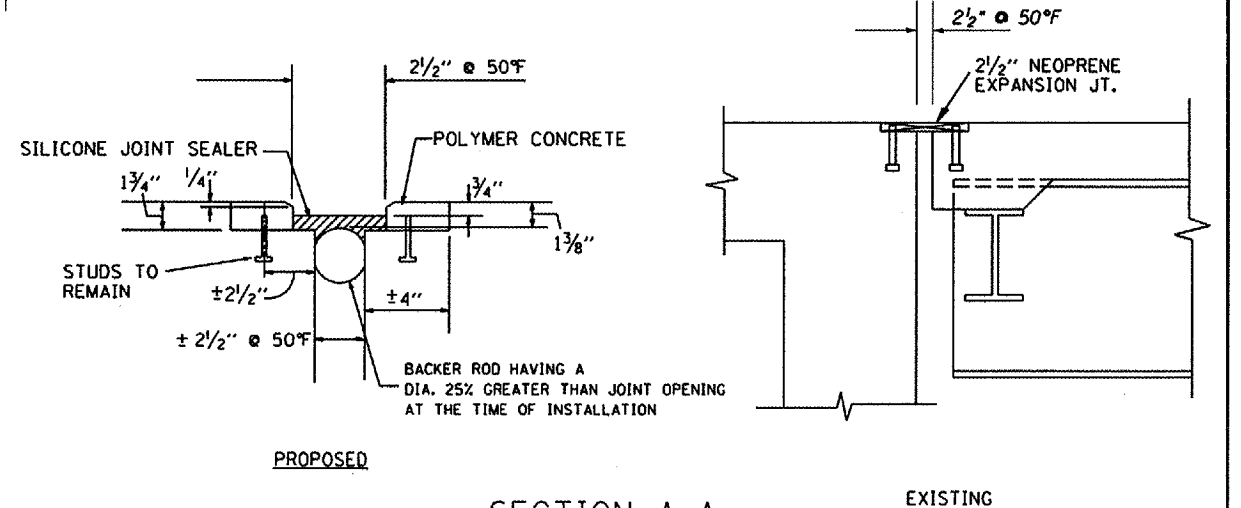
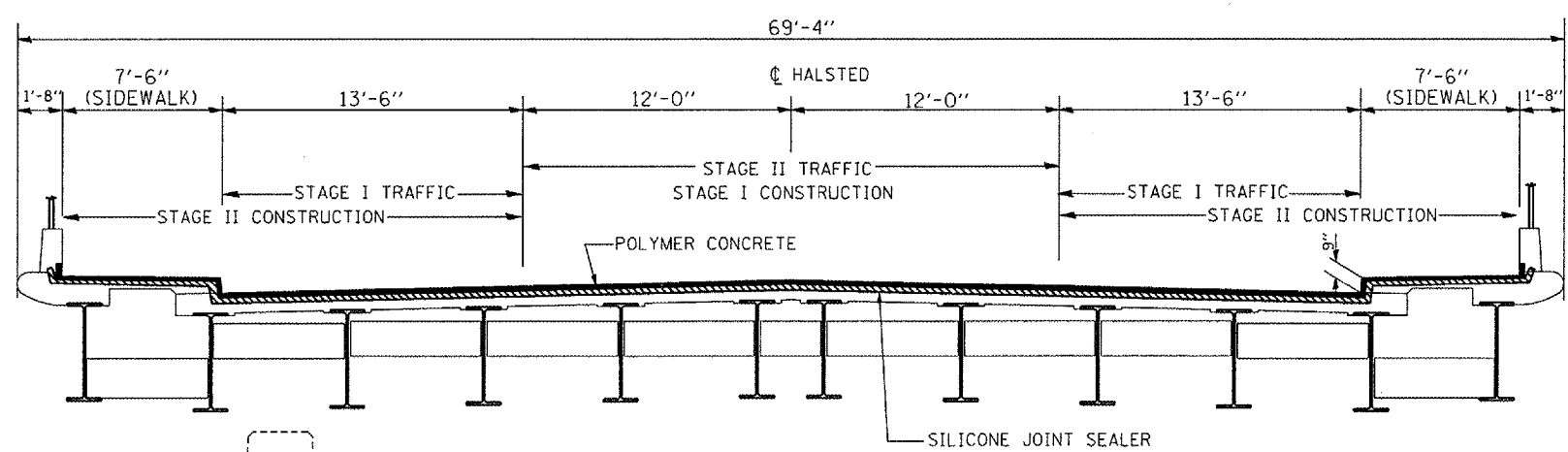
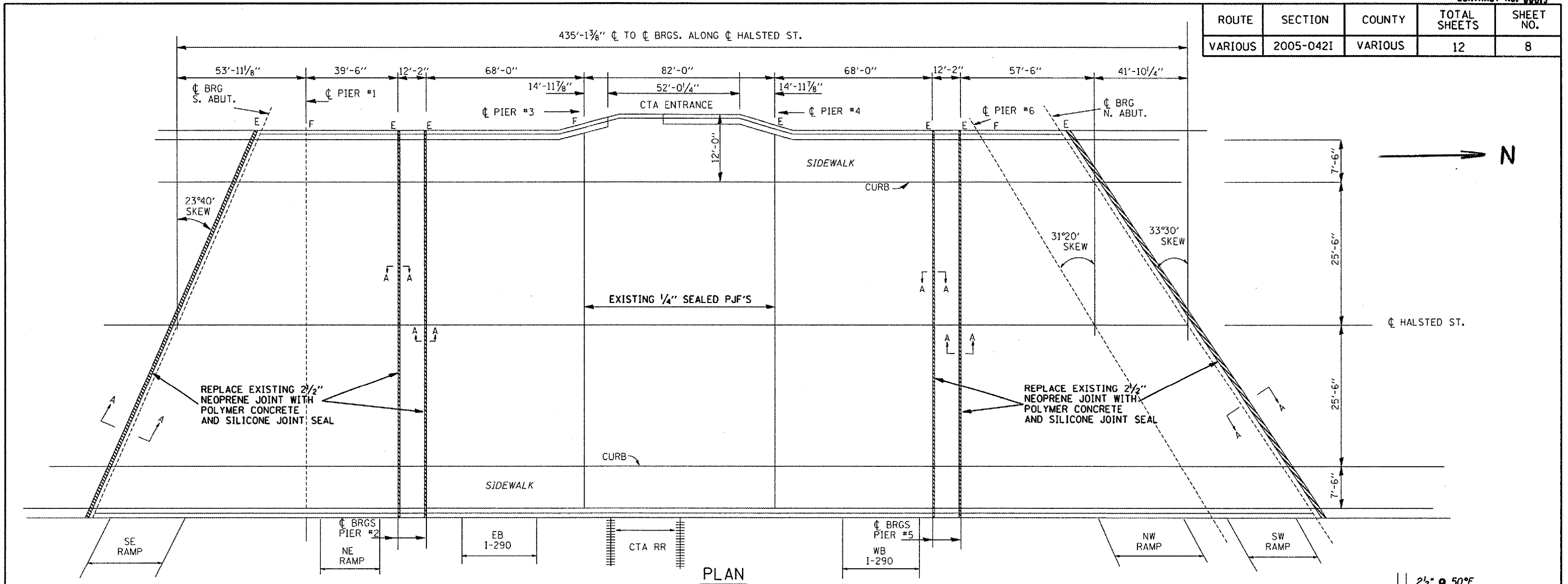
ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION 2
SN: 016-0238

SCALE: VERT. HORIZ.
DATE: DRAWN BY: CHECKED BY:

PLOT DATE: 3/20/2006
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: mduffy

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-042I	VARIOUS	12	8



BILL OF MATERIAL

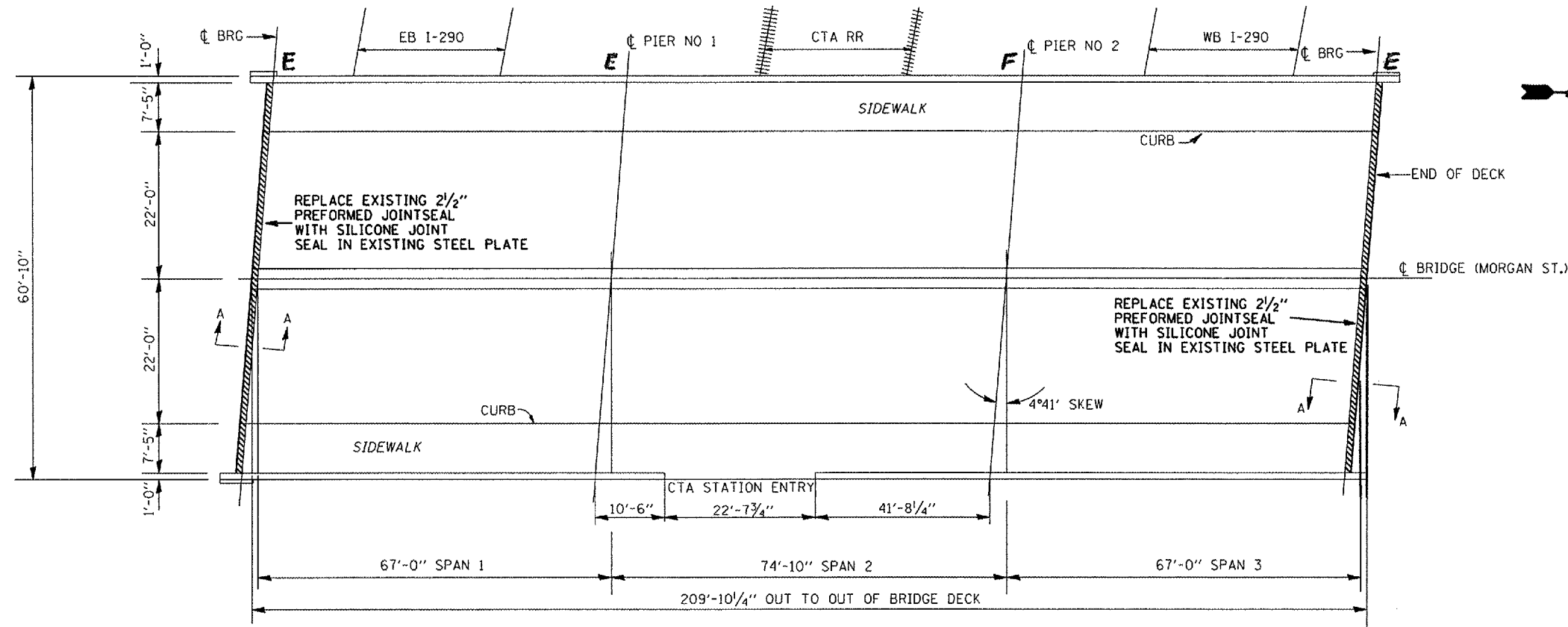
PAY ITEMS	UNIT	QUANTITY
SILICONE JOINT SEALER 2 1/2"	FOOT	410
POLYMER CONCRETE	CU FT	39.9

ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION 3
 SN: 016-2081

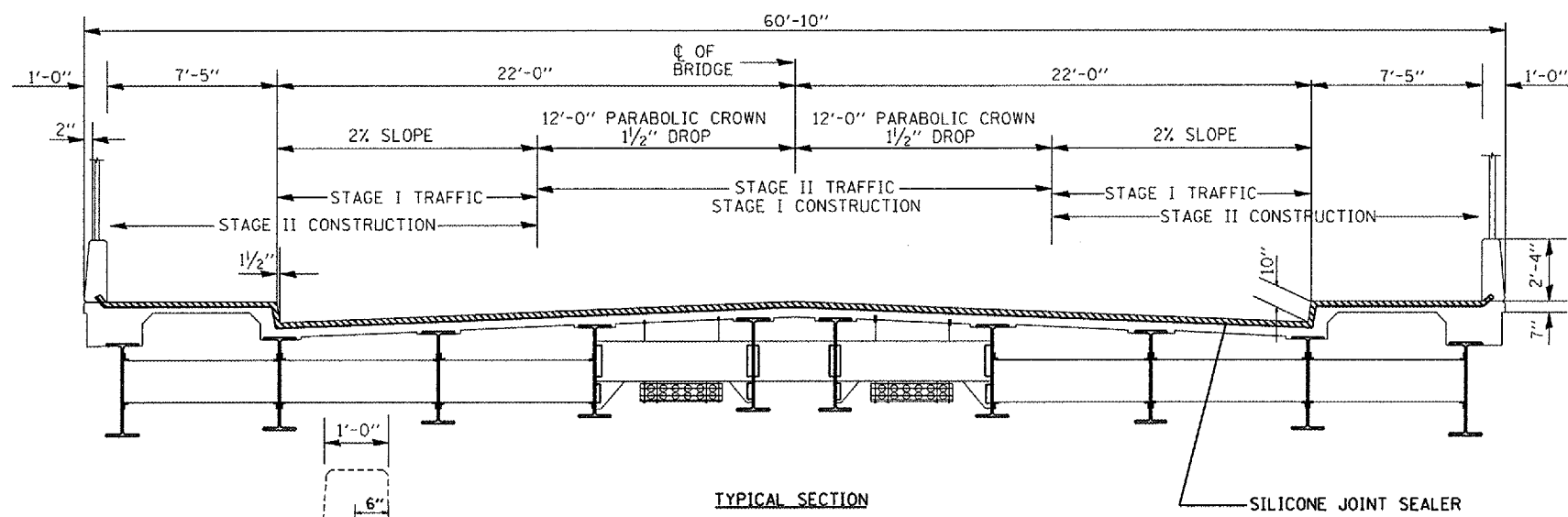
SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE: 3/20/2005
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: mdujo

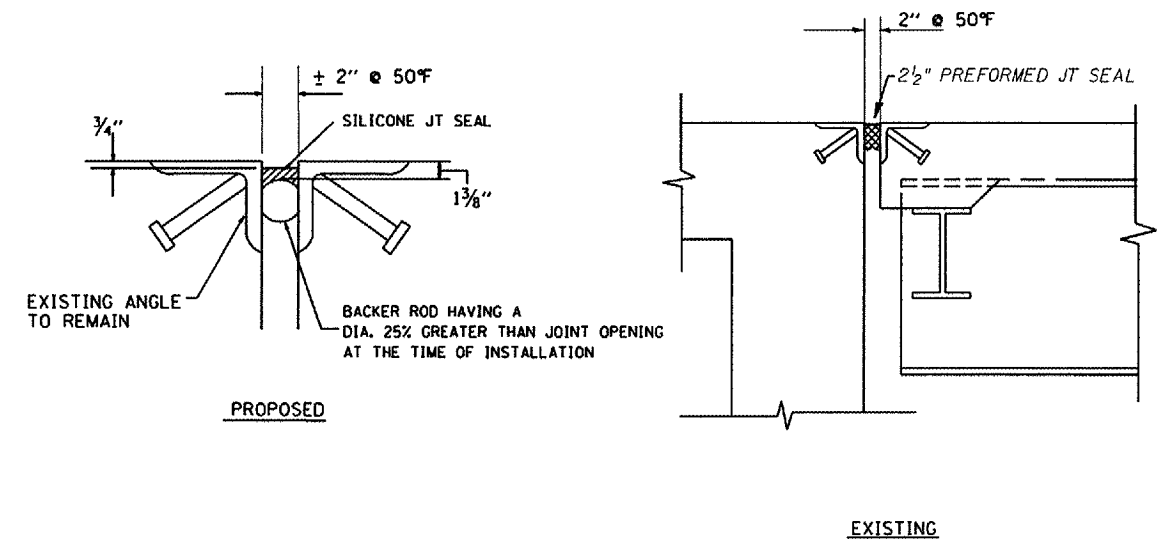
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-042I	VARIOUS	12	9



PLAN



TYPICAL SECTION



SECTION A-A

(Dim. are @ right L's)

BILL OF MATERIAL

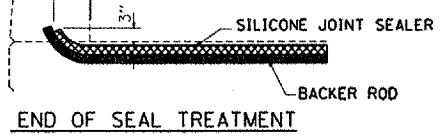
PAY ITEMS	UNIT	QUANTITY
SILICONE JOINT SEALER 2"	FOOT	123

ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION 4
SN: 016-2113

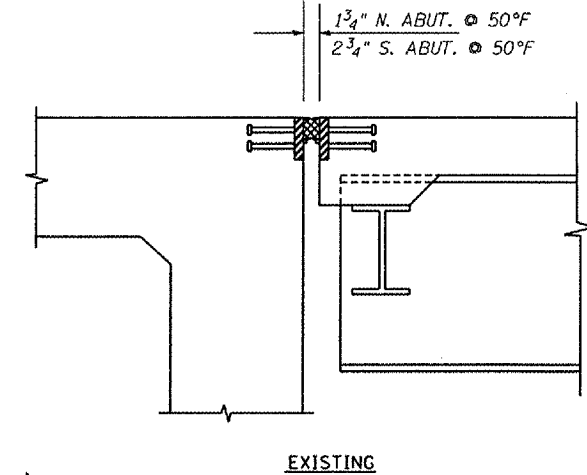
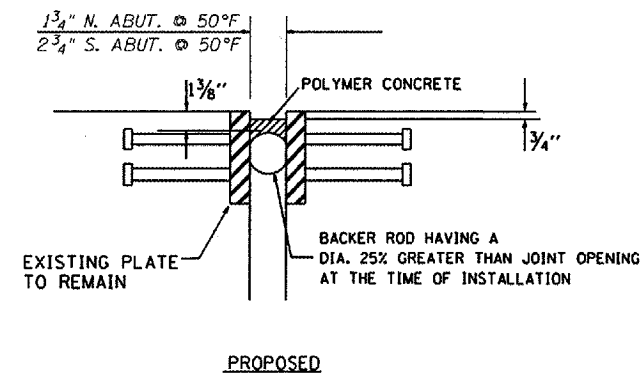
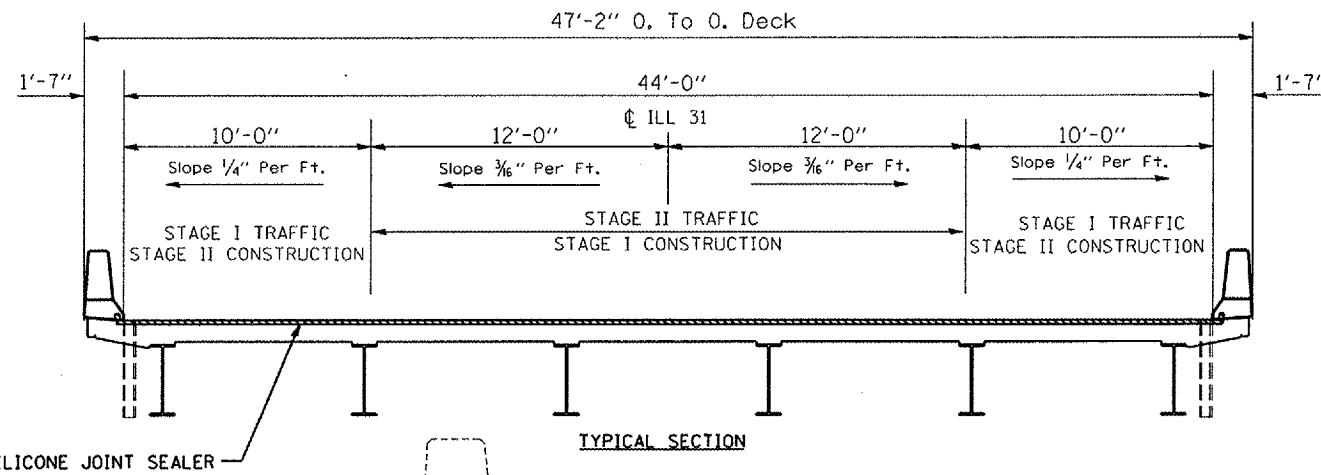
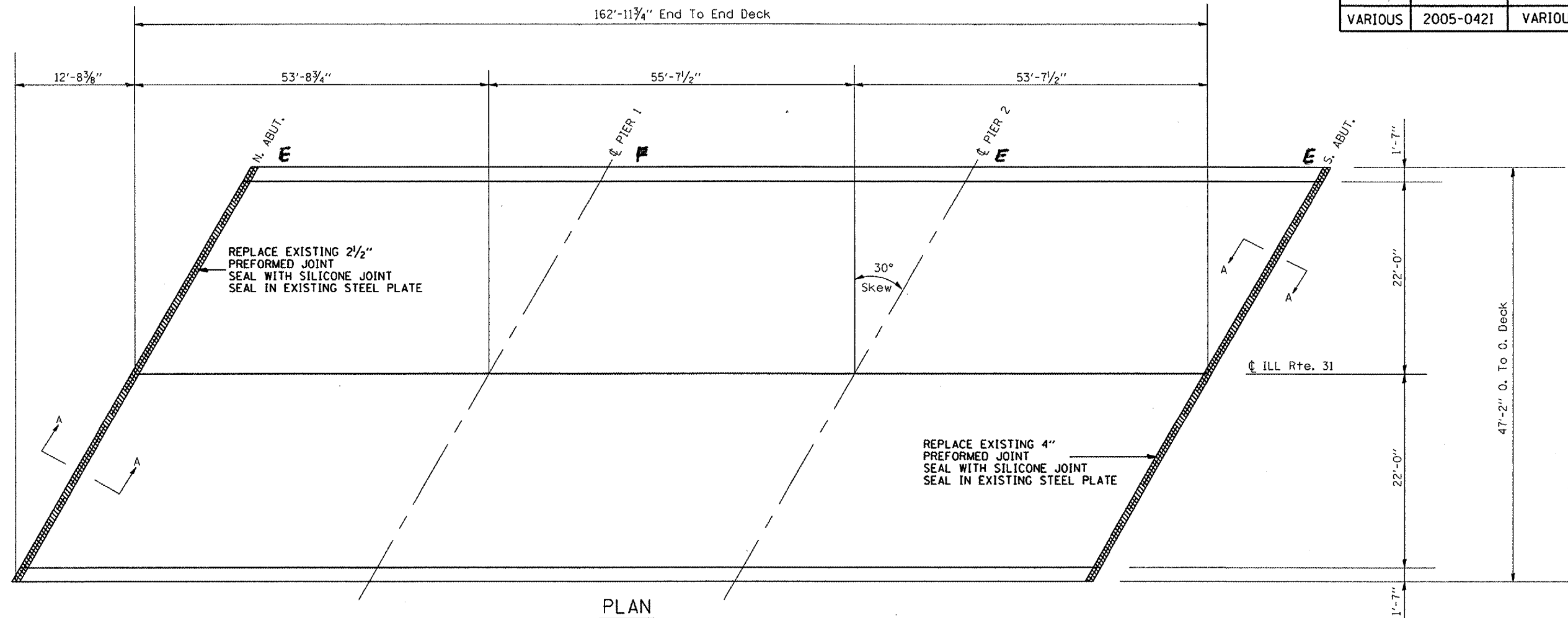
SCALE: VERT. DATE: HORIZ. DRAWN BY: CHECKED BY:

PLOT DATE: 3/30/2006
FILE NAME: c:\projects\27505\127505.dwg
USER NAME: m4g



END OF SEAL TREATMENT

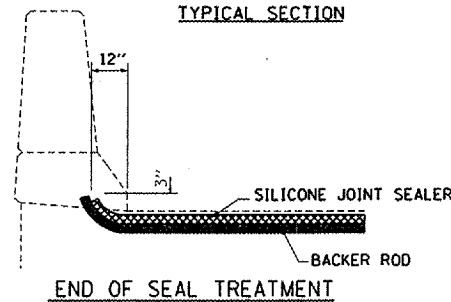
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-042I	VARIOUS	12	10



SECTION A-A
(Dim. are @ right 2's)

BILL OF MATERIAL

PAY ITEMS	UNIT	QUANTITY
SILICONE JOINT SEALER 1 3/4"	FOOT	53
SILICONE JOINT SEALER 2 3/4"	FOOT	53



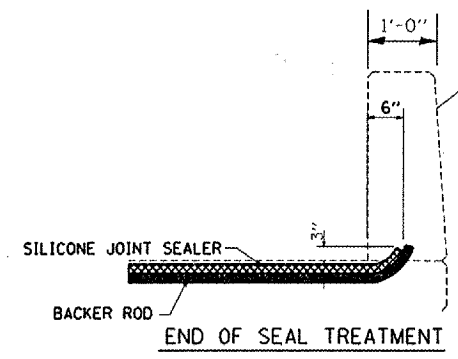
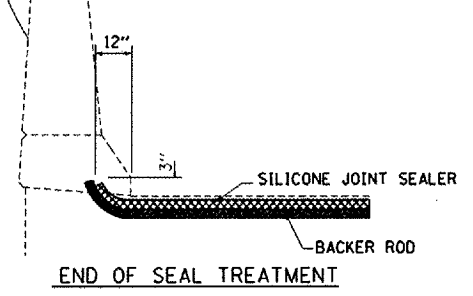
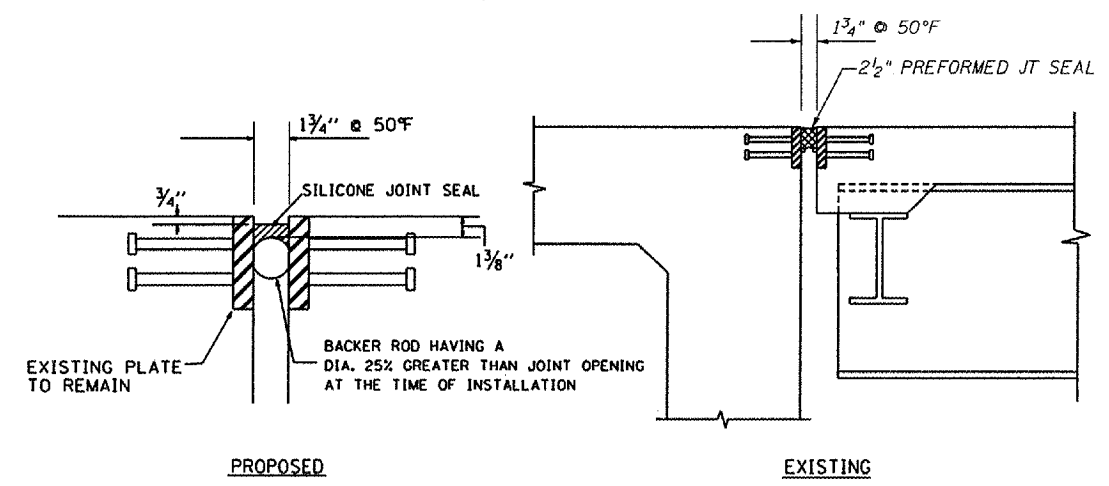
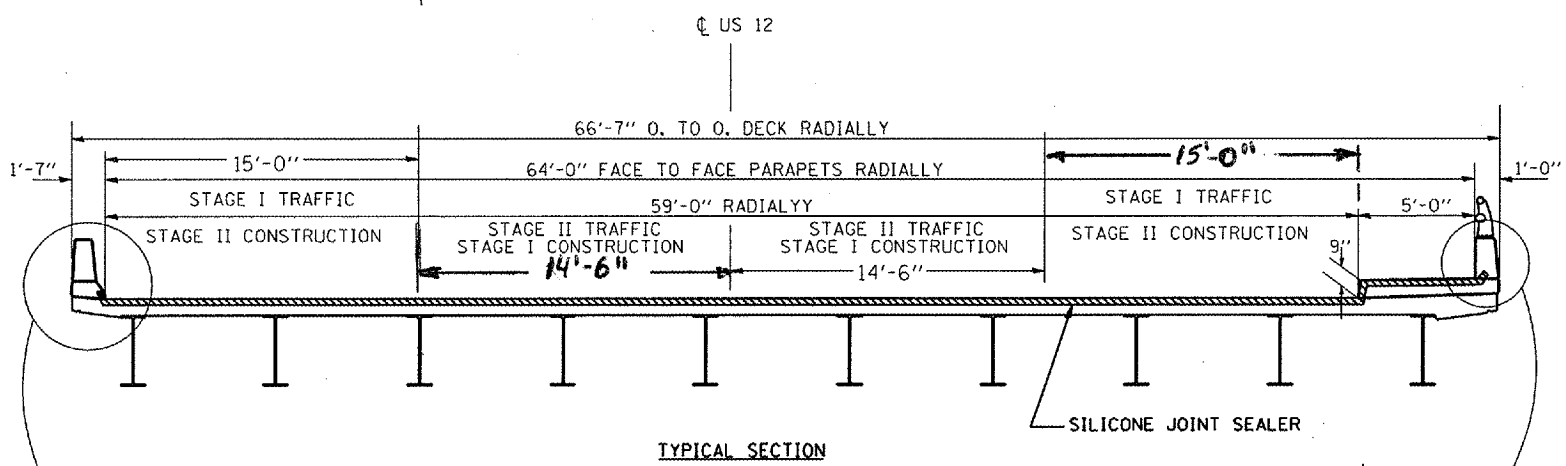
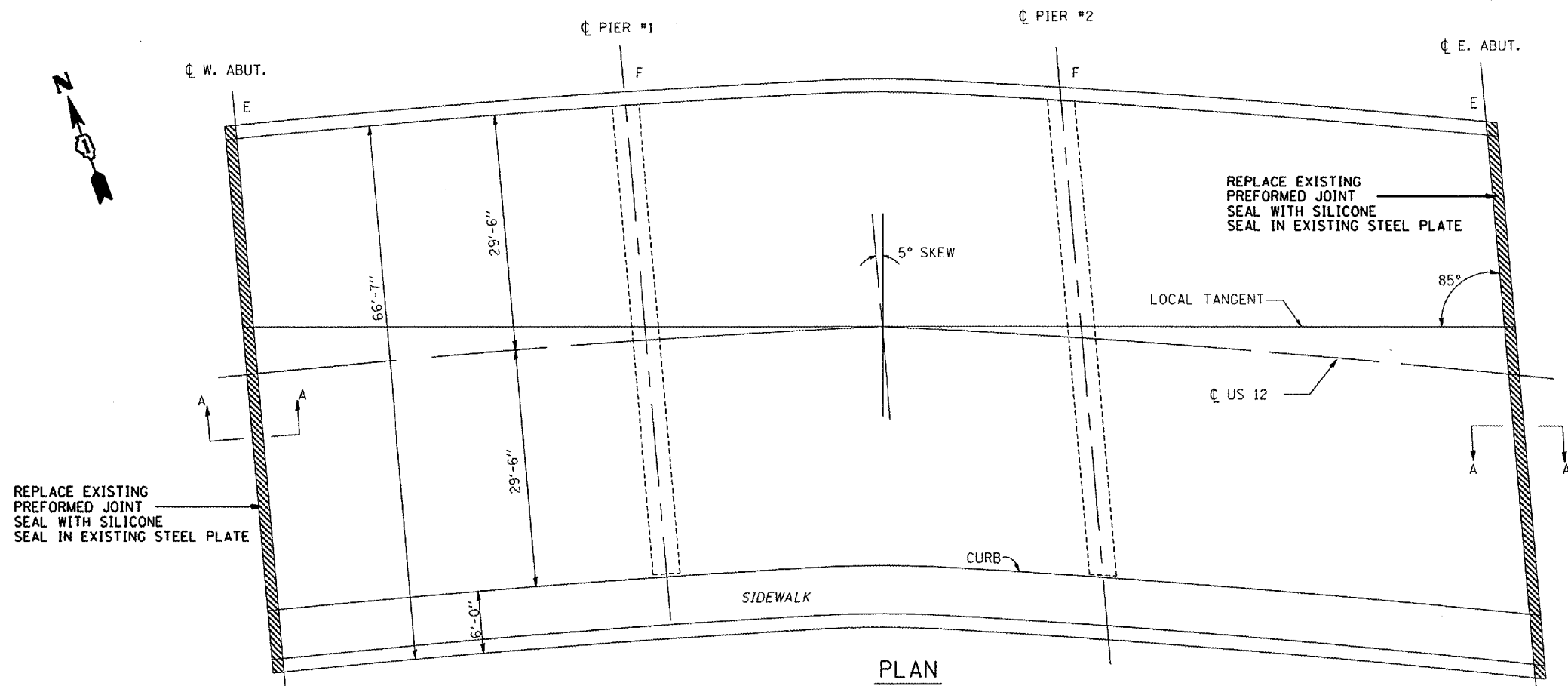
ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION 5
SN: 056-0037

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-042I	VARIOUS	12	11



BILL OF MATERIAL

PAY ITEMS	UNIT	QUANTITY
SILICONE JOINT SEALER 1 3/4"	FOOT	133

ILLINOIS DEPARTMENT OF TRANSPORTATION

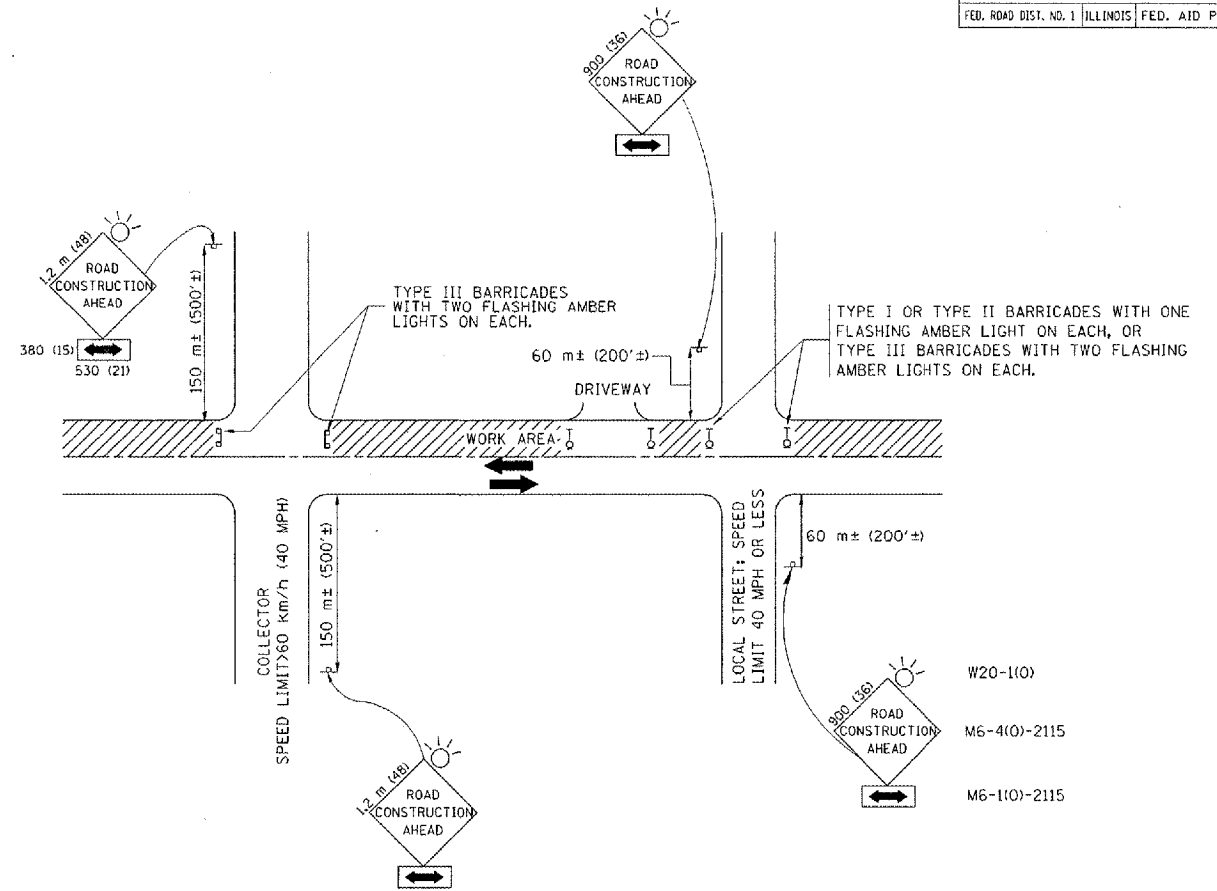
LOCATION 6
SN: 056-0057

SCALE: VERT. DATE: HORIZ. DRAWN BY: CHECKED BY:

PLOT DATE: 2/29/2006
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: msh

6014

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			12	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



W20-1(0)
M6-4(0)-2115
M6-1(0)-2115

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION
FOR
SIDE ROADS, INTERSECTIONS, AND
DRIVEWAYS

SCALE: VERT.
HORIZ.
DATE 10/18/2002

DRAWN BY
CHECKED BY
TC-10