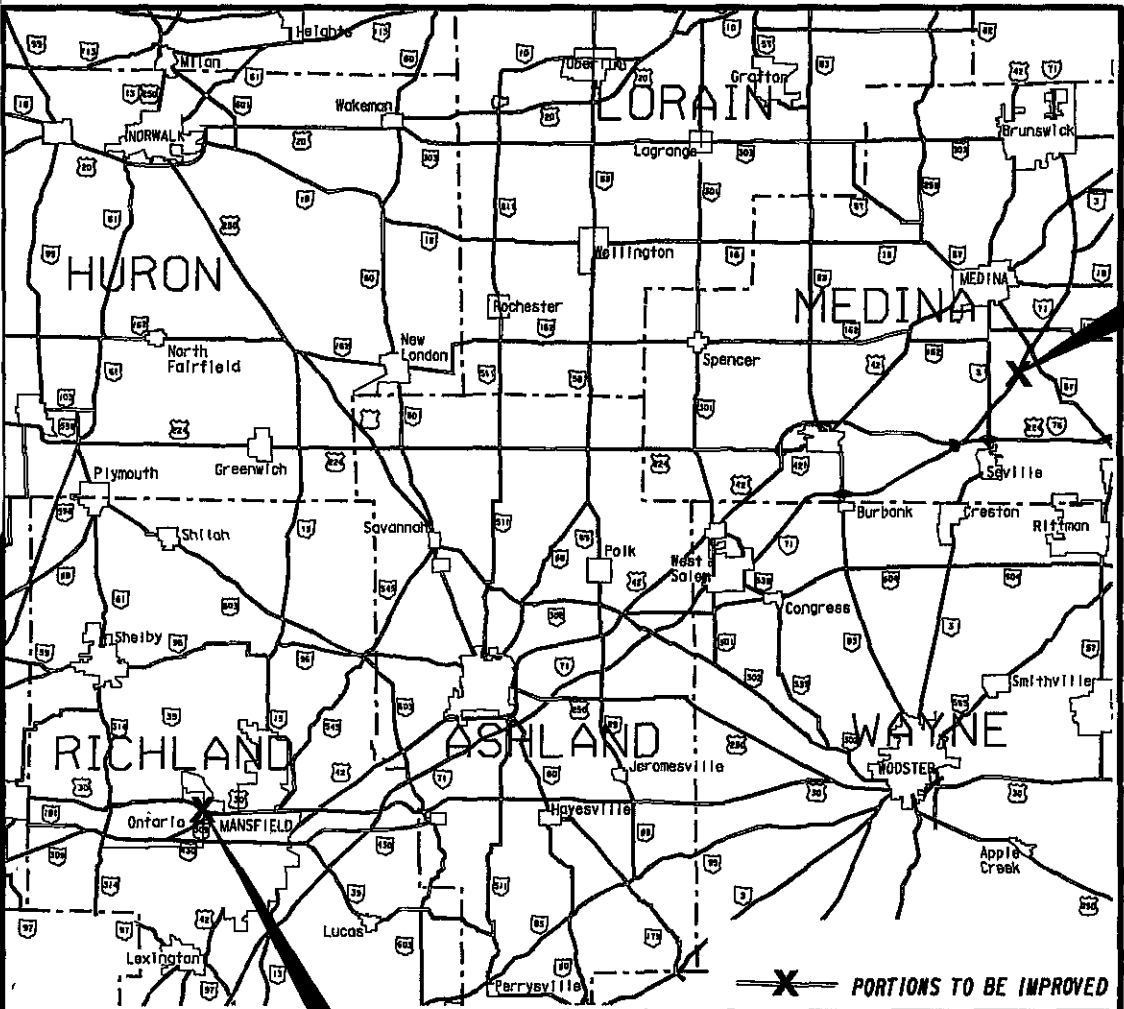


**STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
MED-71-12.21**

LOCATION MAP



**PART 1
MED-71-1221**

**PART 2
RIC-30-0879**

PART	COUNTY	ROUTE	STRUCTURE NO.	STRUCTURE FILE NO.	TOWNSHIP	CITY	VILLAGE
1	MEDINA	71	MED-71-1221	5203244	MONTVILLE		
2	RICHLAND	30	RIC-30-0879	7001053		MANSFIELD ONTARIO	

PROJECT DESCRIPTION:

REPAIR STRUCTURES DUE TO ACCIDENT DAMAGE BY HEAT STRAIGHTENING, CROSS FRAME ASSEMBLY REPLACEMENT, BEAM REPAIR AND PAINTING.

PROJECT EARTH DISTURBED AREA - N/A (MAINTENANCE PROJECT)
ESTIMATED CONTRACTOR EARTH DISTURBED AREA - N/A
NOTICE OF INTENT EARTH DISTURBED AREA - N/A

INDEX OF SHEETS:

TITLE SHEET	1
GENERAL NOTES	2-3
GENERAL SUMMARY	4
STRUCTURE MED-71-1221	5-6
STRUCTURE RIC-30-0879	7-8

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

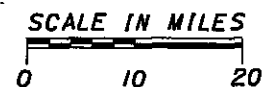
2005 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED *Thomas M. O'Leary*
DATE 5-18-06 DISTRICT DEPUTY DIRECTOR

APPROVED *London Proctor*
DATE 5-31-06 DIRECTOR, DEPARTMENT OF TRANSPORTATION



	LATITUDE	LONGITUDE
PART 1 MED-71-1221	N 41°04'41"	W 81°50'22"
PART 2 RIC-30-0879	N 40°46'31"	W 82°34'15"

TWO WORKING DAYS BEFORE YOU DIG
Call 800-362-2764
TOLL FREE
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECTLY

PLAN PREPARED BY:



ENGINEER'S SEAL	STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
	GSD-1-96 7-19-02	800 4-21-06
	MT-35.10 4-20-01	832 4-25-06
	MT-95.30 7-16-04	
	MT-97.10 4-19-02	
	MT-105.10 10-18-02	
	MT-105.11 10-18-02	
	TC-41.20 1-19-01	
	TC-52.10 4-20-01	
	TC-52.20 4-20-01	

SIGNED: *David C. Molleshott*
DATE: 5/18/06

FEDERAL PROJECT NO. **NON-FEDERAL**
PID NO. **81119**
CONSTRUCTION PROJECT NO.
RAILROAD INVOLVEMENT **NONE**
MED-71-12.21

MED - IR 71/USR 30 - 12.21 Various (C)
060397 PID - 81119
Dist 3 8/23/2006
DESIGN FILE: \projects\1221\1221\1221.dgn DATE: 5/18/06
WORKSHEET: 101.DWG

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURES AND FROM FIELD OBSERVATION AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURES AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ORIGINAL CONSTRUCTION PLANS:

THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGES ARE AVAILABLE UPON REQUEST AT THE DISTRICT 3 OFFICE OF THE OHIO DEPARTMENT OF TRANSPORTATION, ASHLAND, OHIO.

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2002 INCLUDING THE 2003 AND 2004 INTERIM SPECIFICATIONS AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:

STRUCTURAL STEEL - ASTM A709, GRADE 36-YIELD STRENGTH 36,000 PSI

CVN IS NOT REQUIRED FOR CROSS FRAME MATERIALS

UTILITY LINES:

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

ITEM 513 - STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN:

ALL REQUIREMENTS OF 513 APPLY TO SHOP FABRICATED MEMBERS. PERFORM WORK FOR FIELD FABRICATED MEMBERS ACCORDING TO ITEM 513, EXCEPT AS MODIFIED HEREIN. THE DEPARTMENT WILL NOT REQUIRE THE CONTRACTOR PERFORMING FIELD FABRICATION TO BE PRE-QUALIFIED AS SPECIFIED IN SUPPLEMENT 1078. SUBMIT A WRITTEN LETTER OF MATERIAL ACCEPTANCE, 501.06, TO THE ENGINEER. PROVIDE SHOP DRAWINGS ACCORDING TO 513.04 OR SUPPLY THE ENGINEER WITH "AS-BUILT" DRAWINGS MEETING 513.04 AFTER COMPLETION OF FIELD FABRICATION. THE ENGINEER WILL REVIEW THE SUBMITTED DRAWINGS FOR CONCURRENCE WITH THE FINAL AS-BUILT CONDITION. IF NECESSARY, THE ENGINEER MAY CONTACT THE OFFICE OF STRUCTURAL ENGINEERING FOR TECHNICAL ASSISTANCE. IF THE ENGINEER IS SATISFIED WITH THE "AS-BUILT" DRAWINGS AND THE DELIVERED MATERIALS, SUPPLY A COPY OF THE DRAWINGS, STAMPED AND DATED, ALONG WITH MICROFILM, TO THE STRUCTURAL, WELDING AND METALS SECTION OF THE OFFICE OF MATERIAL MANAGEMENT FOR RECORD PURPOSES.

COST TO REMOVE EXISTING CROSS FRAME MEMBERS AND ALL NECESSARY GRINDING SHALL BE INCLUDED IN THIS ITEM.

THE FOLLOWING MEMBERS ARE INCLUDED IN THIS ITEM: 3 X 3 X 5/16 ANGLE.

ITEM 514- FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN:

THIS ITEM SHALL BE USED TO PAINT THE AFFECTED AREAS ON STRUCTURE RIC-30-0879. THIS STRUCTURE WAS PAINTED IN 1977 AND HAS RED LEAD PAINT ON IT.

THIS ITEM CONSISTS OF FIELD PAINTING DAMAGED STRUCTURAL STEEL AND NEW REPLACEMENT STEEL BY PERFORMING SURFACE PREPARATION AND APPLYING A TWO COAT PAINT SYSTEM TO THE UNCOATED STEEL AND FEATHERED REMOVAL AREAS OF EXISTING COATINGS.

CMS 514.06 THROUGH 514.10 APPLY. REMOVE EXISTING PAINT COATING TO CONTRACT LIMITS OR AS DIRECTED BY THE ENGINEER ACCORDING TO SSPC-SP 15, COMMERCIAL GRADE POWER TOOL CLEANING, OR EQUAL AS SHOWN ON THE PICTORIAL SURFACE PREPARATION STANDARDS FOR PAINTING STEEL SURFACES SHOWN IN SSPC-VIS 3. THE ENGINEER WILL USE THE SSPC-VIS 3 TO DETERMINE THE ACCEPTANCE OF THE COMMERCIAL GRADE POWER TOOL CLEANING. FEATHER THE EXISTING PAINT TO EXPOSE A MINIMUM OF 1/2 INCH OF EACH COAT. CONTAIN AND DISPOSE OF WASTE GENERATED BY THE CLEANING ACCORDING TO CMS 514.13.D.

ROUND ALL EXPOSED CORNERS OF MAIN MATERIAL AS NECESSARY TO ACHIEVE A 1/16 INCH RADIUS OR EQUIVALENT FLAT SURFACE AT A 45 DEGREE ANGLE.

(CONTINUED)

DESIGN FILE: i:\projects\81119\struct\notes.dgn
WORKSTATION: dmj/lms DATE: 5/18/2006

DISTRICT THREE
OFFICE OF PRODUCTION

DATE 5/06
REVIEWED JR
DRAWN DCM
CHECKED DUV

GENERAL NOTES

MED-71-12.21

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8

**ITEM 514- FIELD PAINTING OF DAMAGED STRUCTURAL STEEL,
AS PER PLAN (CONTINUED):**

APPLY THE PRIME COAT AND INTERMEDIATE COATS OF THE SPECIFIED THREE-COAT PAINT SYSTEM, CMS 708.02, ACCORDING TO CMS 514.15, 514.16, 514.17 AND 514.20 TO CONTRACT LIMITS OR AS DIRECTED BY THE ENGINEER. TINT THE INTERMEDIATE COAT TO APPROXIMATELY THE SAME COLOR AS THE EXISTING FINISH COLOR. MATCH THE COLOR TO THE ENGINEERS SATISFACTION. THE ENGINEER WILL DETERMINE THE PRIME COAT THICKNESS; PRIME AND INTERMEDIATE COAT THICKNESS USING A TYPE 2 MAGNETIC GAGE AT SPOT LOCATIONS. EACH COAT OF PAINT SHALL MEET THE MINIMUM DRY FILM THICKNESS REQUIREMENTS OF CMS 514.20. APPLY PAINT AS FOLLOWS:

A. APPLY THE PRIME COAT ONLY TO THE SURFACE OF THE BARE STEEL AND THE EXISTING PRIME COAT EXPOSED BY FEATHERING. DO NOT APPLY THE PRIME COAT TO THE ADJACENT INTERMEDIATE COAT.

B. APPLY THE INTERMEDIATE COAT ONLY TO THE NEW PRIME COAT AND THE EXISTING INTERMEDIATE COAT EXPOSED BY FEATHERING. DO NOT APPLY THE INTERMEDIATE COAT TO THE ADJACENT FINISH COAT.

AT THE PERIMETER OF THE REPAIR AREA, APPLY THE PRIME AND INTERMEDIATE COATS USING A BRUSH. APPLY THE FINISH COAT USING EITHER BRUSH OR SPRAY. IN LIEU OF BRUSHING THE USE OF MASKING AREAS NOT TO BE COATED AND SPRAY TO FEATHER REMOVAL LINES MAY BE PERFORMED.

BLEND REPAIR AREAS WITH THE ADJACENT COATING AND PROVIDE A FINISHED SURFACE IN THE PATCHED AREAS THAT IS SMOOTH AND HAS AN EVEN PROFILE WITH THE ADJACENT SURFACE.

THE DEPARTMENT WILL MEASURE FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN BY THE NUMBER OF SQUARE FEET OF STRUCTURAL STEEL PAINTED. ALL REQUIREMENTS OF THIS SPECIFICATION ARE CONSIDERED INCIDENTAL TO THE WORK. THE DEPARTMENT WILL DETERMINE THE SURFACE AREA BY TAKING EXACT FIELD MEASUREMENTS OF ALL PAINTED SURFACES AND CALCULATIONS.

DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR:

ITEM	UNIT	DESCRIPTION
514	SQUARE FEET	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN

ITEM SPECIAL- HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL:

THIS ITEM SHALL BE IN ACCORDANCE WITH THE PROPOSAL NOTE FOR HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER LUMP SUM FOR THE ABOVE ITEMS WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 614 - MAINTAINING TRAFFIC:

TRAFFIC SHALL BE MAINTAINED AS INDICATED IN THE PLANS AND AS OUTLINED IN THE " OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION WITH LATEST REVISIONS AT THE TIME THE CONTRACT IS AWARDED. THE PLANS SHALL CONSTITUTE THE MINIMUM PROVISIONS FOR TRAFFIC CONTROL DEVICES, TO MEET FIELD CONDITIONS. THE CONTRACTOR SHALL ALSO PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES TO PROTECT THE WORK AREA AS DIRECTED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE STATE.

STRUCTURE MED-71-1221

THE CONTRACTOR MAY CLOSE ONE LANE UNDER THE STRUCTURE AS PER STANDARD DRAWINGS MT-95.30, BETWEEN 8:00 P.M. SUNDAYS AND 11:00 A.M. FRIDAYS FROM JANUARY 7, 2007 TO FEBRUARY 23, 2007. NO LANE CLOSURES WILL BE ALLOWED AT ANY OTHER TIME .

THERE SHALL BE NO LANE CLOSURES UNLESS WORK IS CURRENTLY BEING DONE THAT WARRANTS SUCH A CLOSURE ON MED-71-1221.

THE FEBRUARY 23, 2007 DATE SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108) AND FOR EACH CALENDAR DAY BEYOND FEBRUARY 23, 2007 THAT THE ROADWAY HAS A LANE CLOSURE TO TRAFFIC, THE CONTRACTOR WILL BE ASSESSED LIQUIDATED DAMAGES, AS PER SECTION 108.07 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER LUMP SUM FOR ITEM 614- MAINTAINING TRAFFIC WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

STRUCTURE RIC 30-0879

THE CONTRACTOR MAY CLOSE ONE LANE UNDER THE STRUCTURE AS PER STANDARD DRAWINGS MT-95.30.

THERE SHALL BE NO LANE CLOSURES UNLESS WORK IS CURRENTLY BEING DONE THAT WARRANTS SUCH A CLOSURE ON RIC-30-0879.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER LUMP SUM FOR ITEM 614- MAINTAINING TRAFFIC WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

HOLIDAY NOTE FOR STRUCTURE RIC-30-0879:

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	NEW YEARS
MEMORIAL DAY	THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 12:00N MONDAY
MONDAY	12:00N FRIDAY THROUGH 12:00N TUESDAY
TUESDAY	12:00N MONDAY THROUGH 12:00N WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 12:00N THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 12:00N MONDAY
FRIDAY	12:00N THURSDAY THROUGH 12:00N MONDAY
SATURDAY	12:00N FRIDAY THROUGH 12:00N MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE,

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN ACCORDANCE WITH 108.07.

DESIGN FILE: I:\projects\8119\Struct\notes.dgn
WORKSTATION: dmj/lens DATE: 5/18/2006

DISTRICT THREE
OFFICE OF PRODUCTION

DATE 5/06
REVIEWED BAD
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REVISOR DJV

GENERAL NOTES

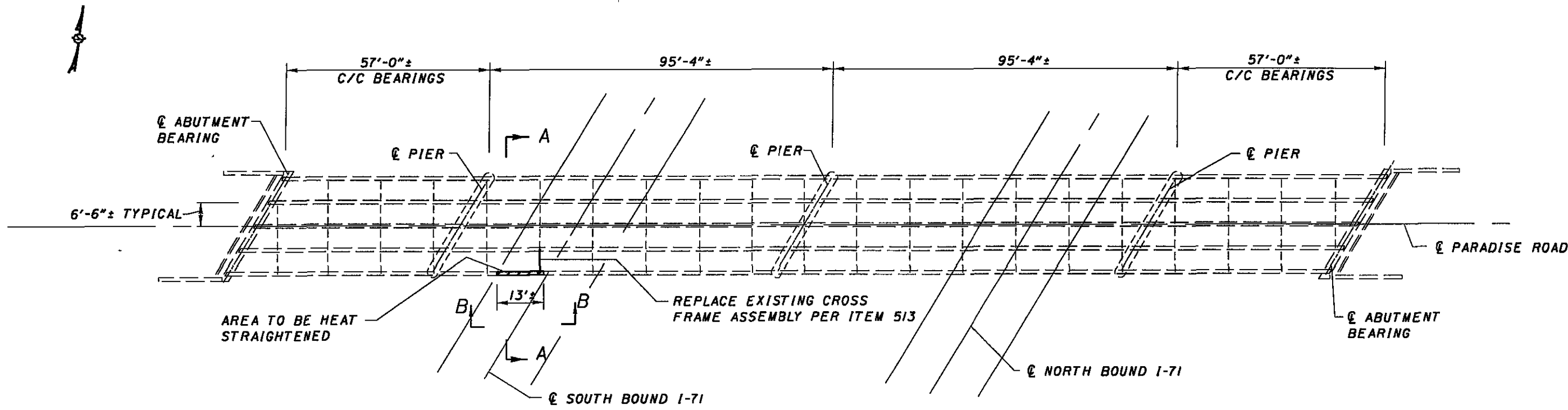
MED-71-12.21

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SHEET NO.					ITEM	ITEM EXTENSION	QUANTITY	UNIT	DESCRIPTION	REF. SHT.
5	7									
									STRUCTURES (OVER 20')	
									MED-71-1221 SFN 5203244	
					513	10201	126	POUND	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN	2
					SPECIAL	51319000	LUMP		HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL	3
									RIC-30-0879 SFN 7001053	
					513	10201	159	POUND	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN	2
					SPECIAL	51319000	LUMP		HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL	3
					514	20001	165	SQ FT	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN	2-3
					614	11000	LUMP		MAINTAINING TRAFFIC	
					624	10000	LUMP		MOBILIZATION	

DESIGN ACCT
 DISTRICT THREE
 OFFICE OF PRODUCTION
 DATE 5/06
 REVIEWED RDN
 DCM DCM
 CHECKED DJV
 GENERAL SUMMARY
 MED-71-12-21
 4
 8

DESIGN FILE: i:\projects\81119\Struct\details.dgn
 WORKSTATION: dmollens DATE: 5/18/2006



PLAN VIEW

 AREA TO BE HEAT STRAIGHTENED

ITEM	QUANTITY	UNIT	DESCRIPTION
513	126	POUND	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN
SPECIAL	LUMP		HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL

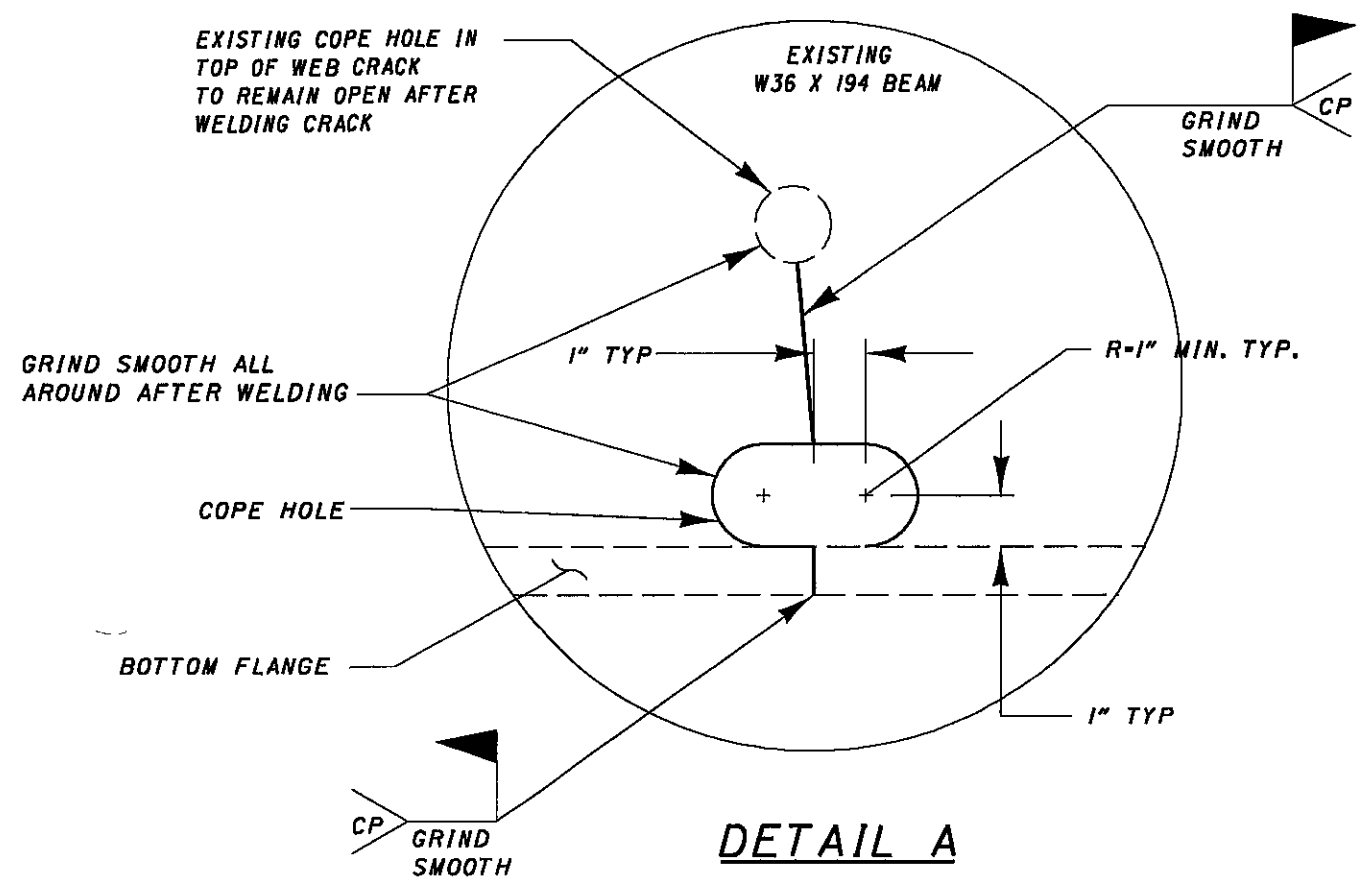
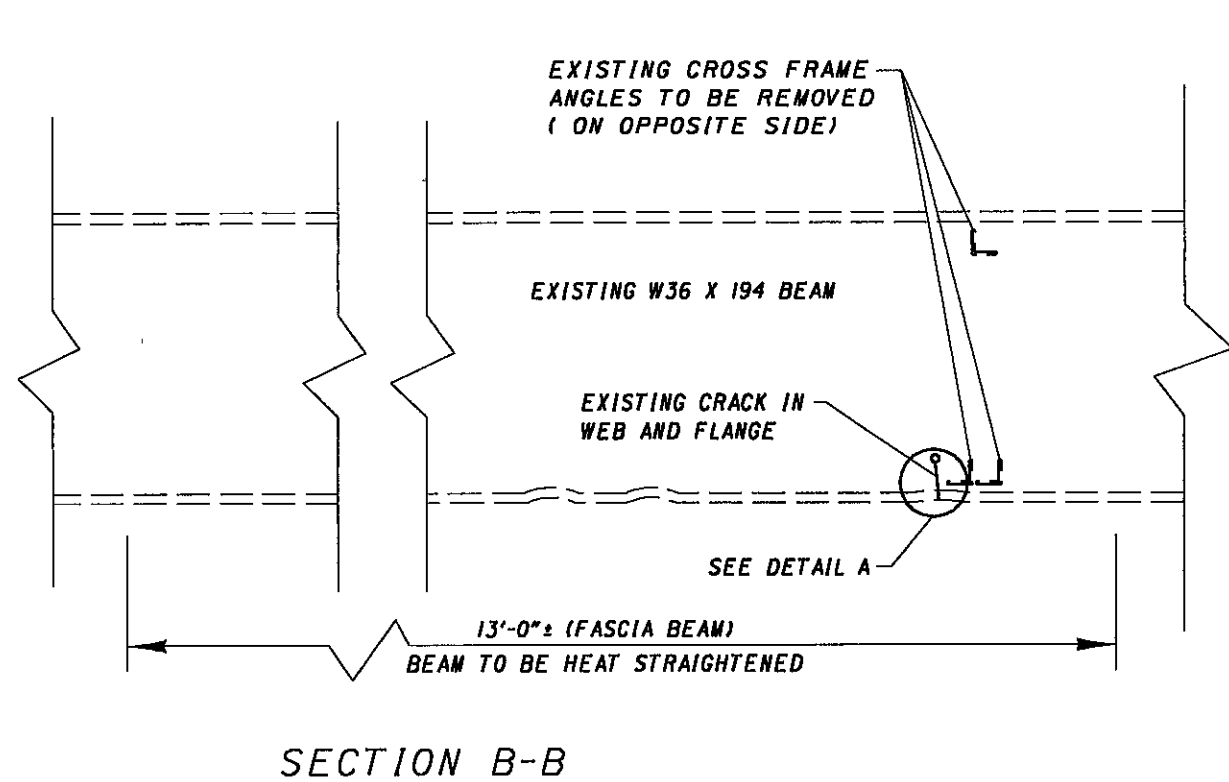
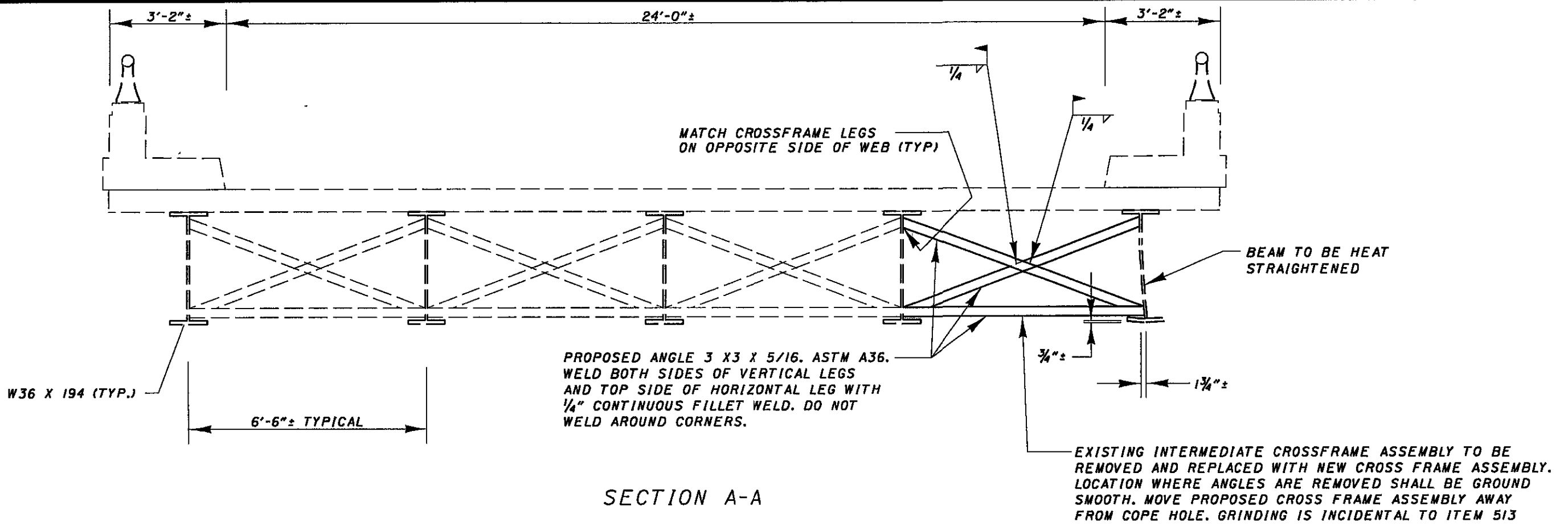
QUANTITIES CARRIED TO GENERAL SUMMARY

PROPOSED WORK:

- 1) REMOVE EXISTING CROSS FRAME THAT IS TO BE REPLACED, ITEM 513
- 2) GRIND ALL NICKS, BURRS, GOUGES, SCRAPS, ETC. SMOOTH AND TAPER TO THE ORIGINAL SURFACE USING A 1:10 SLOPE, PROVIDE A SURFACE FINISH ACCORDING TO ANSI B46.1 OF 250 MIL. COST INCLUDED IN ITEM SPECIAL.
- 3) HEAT STRAIGHTEN BEAM PER ITEM SPECIAL.
- 4) REMOVE DEAD LOAD FROM THE DAMAGED MEMBER BY JACKING AND TEMPORARILY SUPPORTING THE MEMBERS, SUPPLY A CONSTRUCTION PLAN AND PERFORM WORK ACCORDING TO 501.05.5. COST INCLUDED IN ITEM SPECIAL.
- 5) WELD CRACK IN BEAM AS PER HEAT STRAIGHTENING PROPOSAL NOTE. PROVIDE COPE HOLE AT WEB TO FLANGE WELD INTERSECTIONS, SEE DETAIL A ON SHEET 6, COST INCLUDED IN ITEM SPECIAL.
- 6) CHECK FOR CRACKS IN THE FLANGE EDGES AS PER THE HEAT STRAIGHTENING PROPOSAL NOTE, COST INCLUDED IN ITEM SPECIAL.
- 7) INSTALL NEW CROSS FRAME ASSEMBLY PER ITEM 513.
- 8) DO NOT PAINT ANY REPAIRS ON THIS STRUCTURE.
- 9) FOR SECTION VIEWS A-A AND B-B, SEE SHEET 6.

DESIGN AGENCY: DISTRICT THREE OFFICE OF PRODUCTION
 DATE: 5/06
 REVISED: RDM 5/06
 STRUCTURE FILE NUMBER: 5203244
 DRAWN: DCU
 CHECKED: DJV
 PLAN VIEW
 MED-71-1221 UNDER PARADISE ROAD
 MED-71-12.21
 5/8

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 WORKSTATION: dmal/ens DATE: 5/18/2006



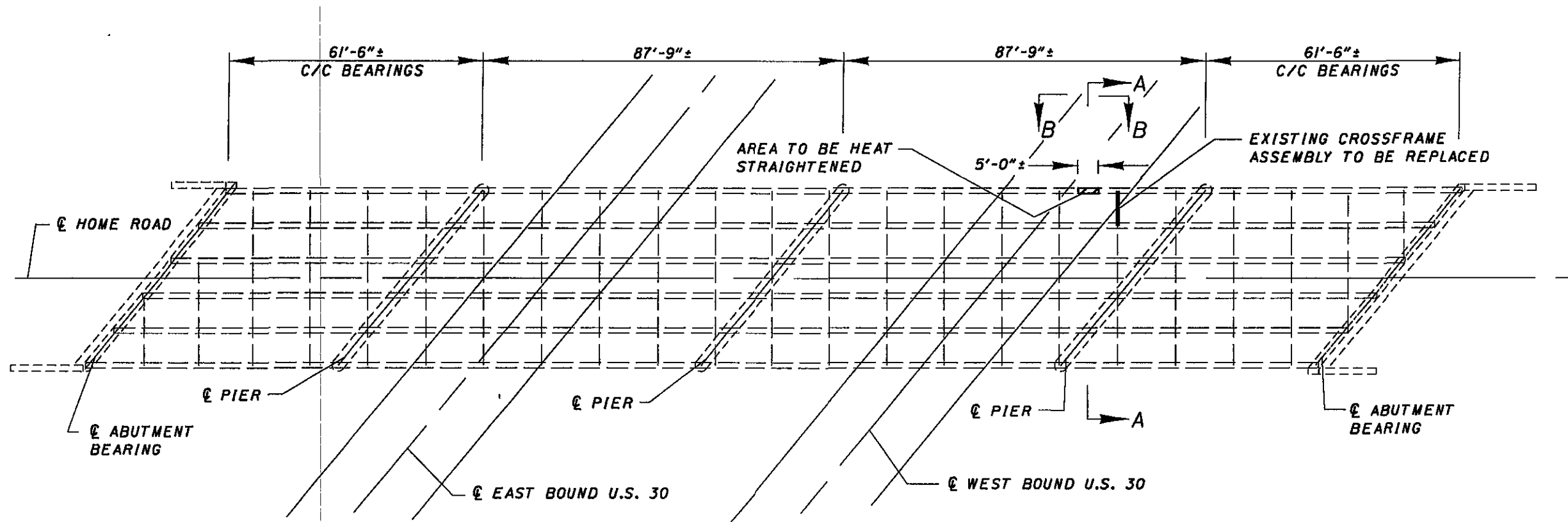
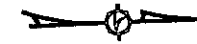
NOTE:
 CP - COMPLETE PENETRATION WELD PERFORMED ACCORDING TO ITEM SPECIAL - HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL.

DESIGN AGENCY DISTRICT THREE OFFICE OF PRODUCTION
DATE 5/06
REVISED RDN
STRUCTURE FILE NUMBER 5203244
DRAWN DCM
REVISED
DESIGNED DCM
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SECTION VIEWS
 MED-71-1221 UNDER PARADISE ROAD

MED-71-12.21

6
8



PLAN VIEW

 AREA TO BE HEAT STRAIGHTENED

PROPOSED WORK:

- 1) REMOVE EXISTING CROSS FRAME ASSEMBLY THAT IS TO BE REPLACED, COST INCLUDED IN ITEM 513.
- 2) GRIND ALL NICKS, BURRS, GOUGES, SCRAPS, ETC. SMOOTH AND TAPER TO THE ORIGINAL SURFACE USING A 1:10 SLOPE, PROVIDE A SURFACE FINISH ACCORDING TO ANSI B46.1 OF 250 MIL. COST INCLUDED IN ITEM SPECIAL.
- 3) HEAT STRAIGHTEN BEAM PER ITEM SPECIAL.
- 4) CHECK FOR CRACKS IN THE FLANGE EDGES AS PER THE HEAT STRAIGHTENING PROPOSAL NOTE, COST INCLUDED IN ITEM SPECIAL.
- 5) INSTALL NEW CROSS FRAME ASSEMBLY PER ITEM 513.
- 6) PAINT REPAIR AREAS PER ITEM 514.
- 7) FOR SECTION VIEWS A-A AND B-B, SEE SHEET 8.

ITEM	QUANTITY	UNIT	DESCRIPTION
513	159	POUND	STRUCTURAL STEEL MEMBERS, LEVEL UP, AS PER PLAN
SPECIAL	LUMP		HEAT STRAIGHTENING OF DAMAGED STRUCTURAL STEEL
514	165	50 FT	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN

QUANTITIES CARRIED TO GENERAL SUMMARY

DESIGN FILE: I:\projects\81119\Struct\details.dgn
 WORKSTATION: dmollens DATE: 5/18/2006

DESIGN AGENCY
 DISTRICT THREE
 OFFICE OF PRODUCTION

DATE 5/06
 RDN
 STRUCTURE FILE NUMBER 7001053

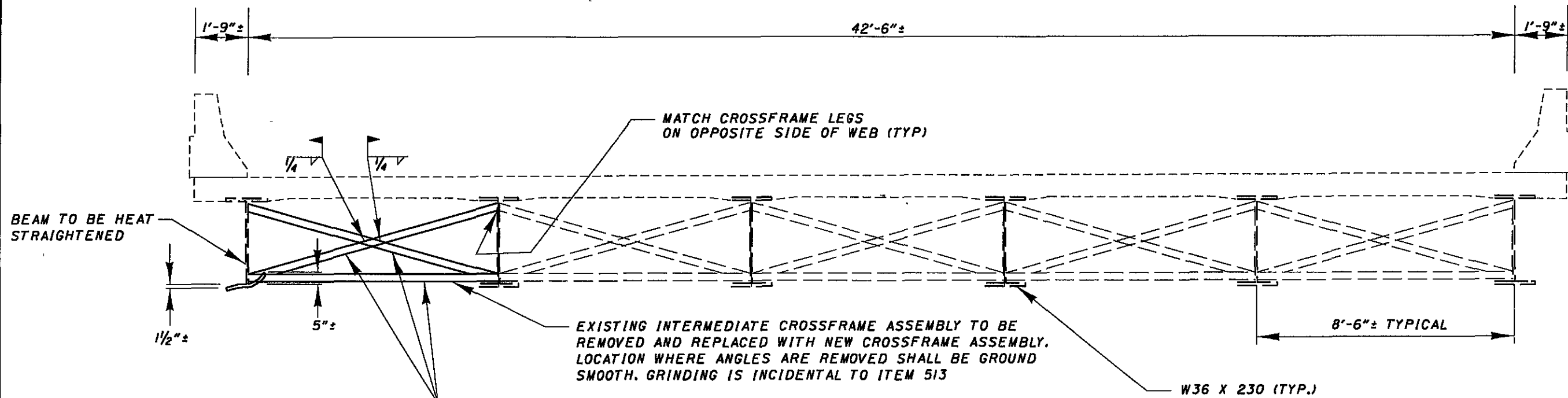
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PLAN VIEW
 RIC-30-0879 UNDER HOME ROAD

MED-71-12.21

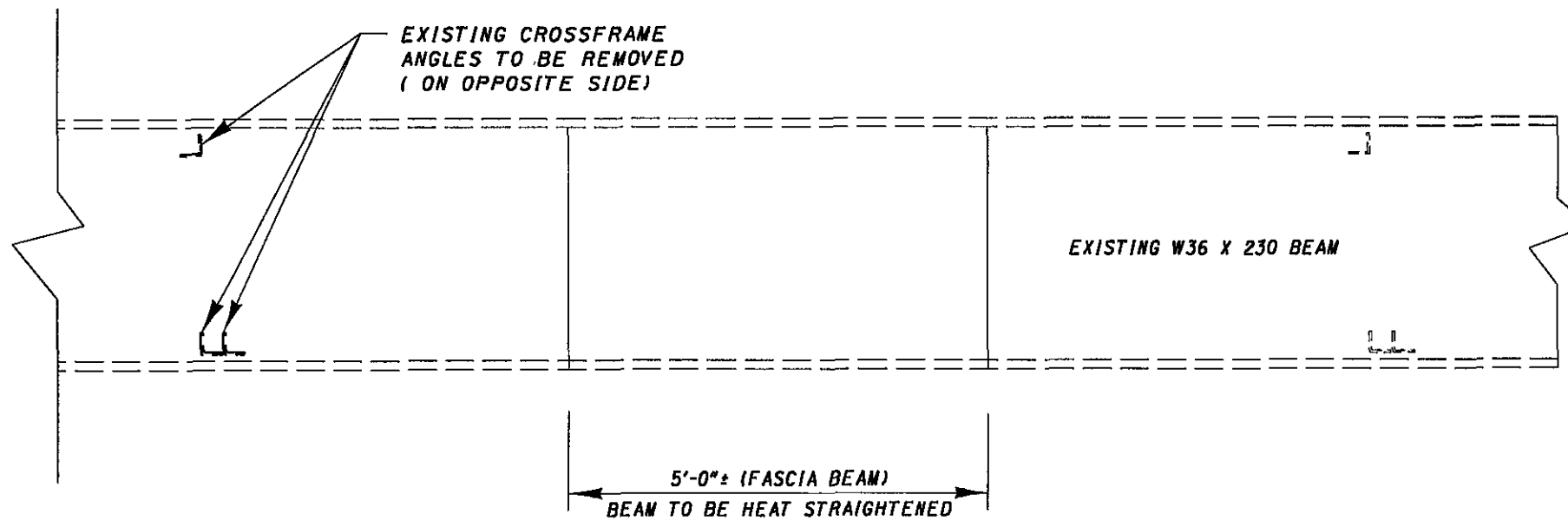
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DESIGN FILE: i:\projects\8119\Struct\details.dgn
WORKSTATION: dmo//lens DATE: 5/18/2006



PROPOSED ANGLE 3 X 3 X 5/16. ASTM A36.
WELD BOTH SIDES OF VERTICAL LEGS
AND TOP SIDE OF HORIZONTAL LEG WITH
1/4" CONTINUOUS FILLET WELD. DO NOT
WELD AROUND CORNERS.

SECTION A-A



SECTION B-B

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE 5/06
REVISED RDN
STRUCTURE FILE NUMBER 7001053

DRAWN DCM
CHECKED DJV
DESIGNED DCM

SECTION VIEWS
RIC-30-0879 UNDER HOME ROAD

MED-71-12.21

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8