

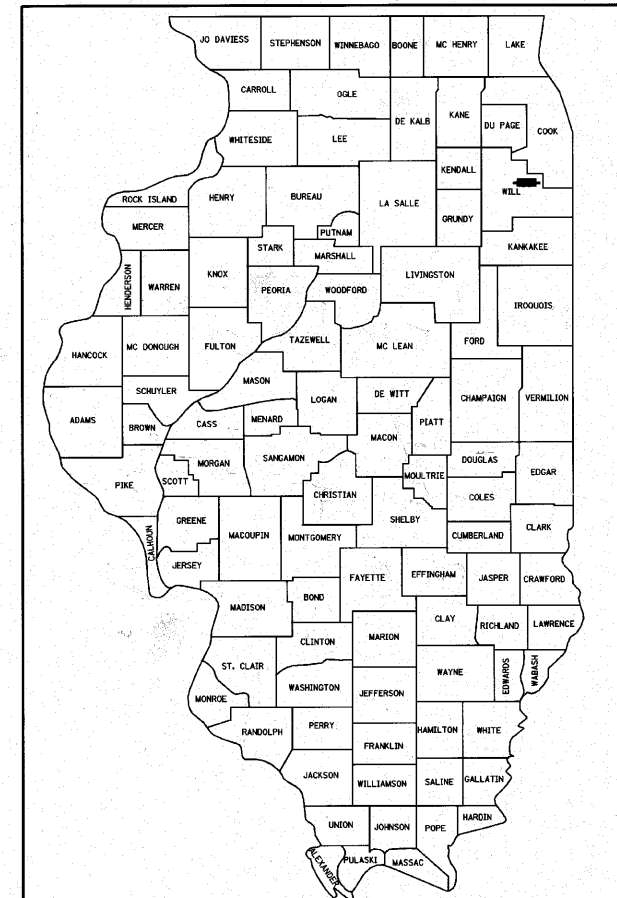
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 80 (INTERSTATE 80)
SECTION 99(5&5-1) Y-1
PROJECT: ACIM-080-4(190)142
NORFOLK SOUTHERN RAILROAD TO U.S. ROUTE 45
ADDITIONAL LANES, SIGNING & SURVEILLANCE
WILL COUNTY
C-91-141-11

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	1
ILLINOIS CONTRACT NO. 60M59			* 309 + 1 = 310	

D-91-046-10



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

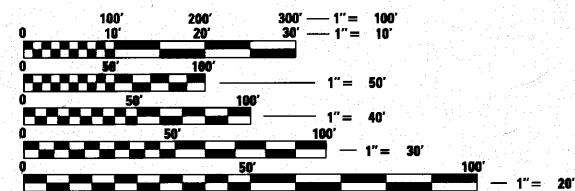
ADT (2008):
I-355 TO US ROUTE 45 = 80,500

ADT (2030):
I-355 TO US ROUTE 45 = 125,000

POSTED SPEED = 65 mph

PROJECT LOCATED IN THE VILLAGES
OF MOKENA & ORLAND PARK

CONSULTANT PROJECT MANAGER - KIM HARVEY, (847) 705-4055, DISTRICT 1



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SUNG BYUN
PROJECT MANAGER: KIM HARVEY

CONTRACT NO. 60M59

STEPHEN N. SUNG
062-044117
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
DATE: 10/20/2010
SEAL EXPIRES: 11/30/2011

SALVATORE C. DI BERNARDINO
081-005930
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS
DATE: 10/20/2010
SEAL EXPIRES: 11/30/2012

FRED M. LINN
062-058704
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
DATE: 10/20/2010
SEAL EXPIRES: 11/30/2011
SHEETS: 113 - 137



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 23,950 FT. = 4.54 MILE
NET LENGTH = 23,950 FT. = 4.54 MILE



S.N. 099-2002
I-80 OVER MARLEY CREEK

I-80
STA. 882 + 50
PROJECT BEGINS

I-80
STA. 1122 + 00
PROJECT ENDS

S.N. 099-0192
WOLF ROAD OVER I-80

S.N. 099-0198
MAPLE AVENUE OVER I-80

S.N. 099-0070 (EB)
S.N. 099-0071 (WB)
I-80 OVER NS RAILROAD
STRUCTURE WIDENING
I-80 @ STA. 898 + 75.42
STRUCTURE LENGTH = 211'-4"

Ciorba Group, Inc.

DESIGN FIRM
REGISTRATION NUMBER
184-001016

CONSULTING ENGINEERS
SUITE 402, 5507 NORTH CUMBERLAND AVE
CHICAGO, ILLINOIS 60656 ☎ (773) 775-4009

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCTOBER 27, 2010
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 10 2010
Scott E. Stitt P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2010
Christine M. Reardon
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

CG Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656
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OF THE STATE OF ILLINOIS**


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237 - 309	CROSS SECTIONS

LIST OF STATE STANDARDS

STD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
442001-04	CLASS A PATCHES
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542106-02	REINFORCED CONCRETE END SECTIONS FOR MULTIPLE PIPE CULVERTS, 42" (1000 MM) THRU 60" (1500 MM) DIAMETER AT RIGHT ANGLES WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-02	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THROUGH 54" PIPE)
601001-04	SUB-SURFACE DRAINS
602001-02	CATCH BASIN, TYPE A
602401-03	MANHOLE, TYPE A
602406-04	MANHOLE, TYPE A 6' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604071-04	FRAME AND GRATE TYPE 20
604076-04	FRAME AND GRATE TYPE 21
609001-05	BRIDGE APPROACH SHOULDER PAVEMENT AND DRAIN
609006-05	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-09	STEEL PLATE BEAM GUARDRAIL
631033-04	TRAFFIC BARRIER TERMINAL, TYPE 6B
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-02	CONCRETE BARRIER, DOUBLE FACE, 42 IN. (1065 mm) HEIGHT
642001-01	SHOULDER RUMBLE STRIP
667001-01	DRAINAGE MARKERS
667101-01	PERMANENT SURVEY MARKERS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM EDGE OF PAVEMENT
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-05	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-07	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > OR = 45 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > OR = 45 MPH
701446-02	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720021-02	SIGN PANELS EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPES A AND B METAL POSTS
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
878001-08	CONCRETE FOUNDATION DETAILS
B.L.R. 26-2	STEEL PLATE BEAM GUARDRAIL 27 1/2" (700mm) HEIGHT

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 <p>Giorba Group, Inc. CONSULTING ENGINEERS 6627 North Campbell Avenue, Suite 402 Chicago, Illinois 60631 Tel: 773.775.4200 Fax: 773.775.4014 www.giorbagroup.com</p>	USER NAME = jkellman PLOT SCALE = 1:8000 ' / IN. PLOT DATE = 10/28/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 INDEX OF SHEETS AND STANDARDS	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. TO STA.	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 2	CONTRACT NO. 60M59	ILLINOIS FED. AID PROJECT
	Rev.														

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
2. THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED UNDER THE UTILITY OWNER'S DIRECTION AND AT NO ADDITIONAL COST TO IDOT.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
6. ADJACENT CONTRACTS ON I-80 ARE EXPECTED TO RUN SIMULTANEOUSLY. TRAFFIC CONTROL, SIGNING AND OTHER CONSTRUCTION OPERATIONS BETWEEN THESE CONTRACTS SHALL BE COORDINATED THROUGHOUT THE DURATION OF THIS PROJECT IN ORDER TO PROVIDE A SAFE AND EFFICIENT WORK ENVIRONMENT. THIS WORK SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."
7. A PAINT STRIPE SHALL BE APPLIED TO THE FACE OF BARRIER WALL ADJACENT TO ALL DRAINAGE STRUCTURES. THE STRIPE SHALL BE 4 INCHES WIDE BY 12 INCHES LONG, AND EXTEND VERTICALLY AT 90 DEGREES FROM THE TOP EDGE OF THE BARRIER. THE PAINT SHALL BE ORANGE IN COLOR. THE COST OF THE STRIPE IS INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE AND SIZE SPECIFIED.
8. ALL FRAMES AND GRATES, PAVEMENT, FENCES, DELINEATORS AND APPURTENANCES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
9. ANY GUARDRAIL REMOVED AND DEEMED SALVAGEABLE BY THE RESIDENT ENGINEER SHALL BE DELIVERED BY THE CONTRACTOR TO IDOT'S MAINTENANCE FACILITY IN NEW LENOX. TEMPORARY STORAGE AND DELIVERY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "GUARDRAIL REMOVAL."

GENERAL NOTES (CONT.)

10. THE ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE START OF WORK.
11. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT REGINA COOPER, AREA TRAFFIC FIELD ENGINEER, AT (847) 705-4153.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING FIELD CONDITIONS PRIOR TO BIDDING, ORDERING MATERIALS, OR BEGINNING CONSTRUCTION ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.
13. PAVEMENT PATCHING QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT TO ACCOMMODATE THE IMPROVEMENT OF PAVEMENT WHICH SHOWS SIGNS OF FAILURE OR EXCESSIVE CRACKING. ANTICIPATED PATCHING LOCATIONS HAVE BEEN SHOWN ON THE REMOVAL SHEETS. FINAL PATCHING LOCATIONS WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. ALL PAVEMENT PATCHING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD AS CLASS A PATCH, 12 INCH, OF THE TYPE AS MEASURED IN THE FIELD.
14. ALL PATCHES OPENED ON A PARTICULAR DAY MUST BE FILLED THAT DAY TO THE TOP OF THE PAVEMENT SURFACE.
15. THE FOLLOWING PAY ITEMS HAVE BEEN PROVIDED FOR FOREST MANAGEMENT. THE ACTUAL NEED FOR THESE PAY ITEMS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE RESIDENT ENGINEER. IF THESE PAY ITEMS ARE NOT USED OR ARE NOT USED IN THEIR ENTIRETY, THE REMAINING QUANTITY SHALL BE DEDUCTED FROM THE TOTAL AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
 - SELECTIVE CLEARING
 - WEED CONTROL, BASAL TREATMENT
 - TREE PRUNING (1 TO 10 INCH DIAMETER)
 - TREE PRUNING (OVER 10 INCH DIAMETER)
16. A QUANTITY OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS OF UNSUITABLE OR UNSTABLE SOIL. PRELIMINARY LOCATIONS REQUIRING THE USE OF PGES HAVE BEEN INDICATED ON THE TYPICAL SECTIONS. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY SOFTENED SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND EVALUATED ACCORDING TO SECTION 4.0 OF THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
17. 34,776' OF THE PROPOSED SHOULDER RUMBLE STRIPS ARE LOCATED IN THE PROPOSED CONCRETE SHOULDER. 14,850' OF THE SHOULDER RUMBLE STRIPS ARE LOCATED IN THE EXISTING EASTBOUND OUTSIDE CONCRETE SHOULDER. RUMBLE STRIPS IN THE EXISTING AND PROPOSED SHOULDERS WILL BE PAID FOR USING THE SAME PAY ITEM (SHOULDER RUMBLE STRIPS).
18. THE REMOVAL OF THE EXISTING APPROACH SLABS (PAID FOR AS "CONCRETE REMOVAL") AT FAI 80 OVER THE NORFOLK SOUTHERN RAILROAD SHALL INCLUDE THE REMOVAL OF FOUR INLETS (INLET BOX TYPE D). THESE FOUR INLETS ARE CONSTRUCTED WITHIN THE SECTIONS OF APPROACH SLAB TO BE REMOVED. THE REMOVAL OF THE PIPE CULVERTS THAT DRAIN THE EXISTING INLETS WILL BE PAID FOR SEPARATELY AS "REMOVE EXISTING CULVERTS".
19. ALL EXISTING SIGNS NOT SHOWN ON THE PAVEMENT MARKING AND SIGNING PLAN, INCLUDING METRA SIGNS, ARE TO REMAIN IN PLACE.


DRAINAGE NOTES

1. THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
2. STATION OFFSETS AND RIM/GRATE ELEVATIONS FOR DRAINAGE STRUCTURES ADJACENT TO THE BARRIER BASE ARE BASED ON A VARIABLE WIDTH BARRIER BASE THAT IS CONSTRUCTED SYMMETRICAL ABOUT THE CENTERLINE. THE CONTRACTOR SHALL ADJUST THE ELEVATIONS AND OFFSET LOCATIONS SHOWN ON THE PLANS FOR ALL DRAINAGE STRUCTURES INSTALLED ALONG THE CONCRETE BARRIER AS NECESSARY TO ACCOMMODATE THE VARIABLE BARRIER BASE WIDTHS THAT ARE NEEDED TO ACCOMMODATE EASTBOUND AND WESTBOUND ELEVATION DIFFERENTIALS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR THE APPLICABLE DRAINAGE STRUCTURES. FOR ADDITIONAL BARRIER BASE INFORMATION, SEE TYPICAL SECTIONS AND STANDARDS.
3. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
4. TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE SURVEYED. THE RESIDENT ENGINEER MAY REVISE THE PROPOSED TOP OF FRAME ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
6. WHERE REQUIRED BY RESTRICTIVE DEPTHS, PRECAST REINFORCED CONCRETE FLAT SLAB TOPS SHALL BE USED FOR MANHOLES AND CATCH BASINS.
7. THERE ARE SEVERAL LOCATIONS WHERE PROPOSED STORM SEWER/PIPE CULVERTS WILL BE PLACED ADJACENT TO THE PIERS AND ABUTMENT WALLS OF EXISTING OVERHEAD BRIDGES. THE ORIGINAL BRIDGE PLANS HAVE BEEN REVIEWED TO REDUCE THE LIKELIHOOD OF ANY CONFLICT BETWEEN THE PROPOSED STORM SEWER/PIPE CULVERTS AND THE OVERHEAD BRIDGE SUBSTRUCTURE(S), HOWEVER SUCH CONFLICTS MAY EXIST. THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN EXCAVATING OR JACKING PIPE CULVERTS ADJACENT TO THE OVERHEAD BRIDGE PIERS AND ABUTMENT WALLS.

COMMITMENTS

1. NONE

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 <p>Ciorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: Chicago@Ciorba.com</p>	USER NAME = jkellmen	DESIGNED - CRC	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>F.A.I. 80 FROM NS RAILROAD TO US 45 GENERAL NOTES AND DRAINAGE NOTES</p>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:8000' / IN.	DRAWN - JMK	REVISED -			80	99(S&S-1) Y-1	WILL	309	3
	PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -			CONTRACT NO. 60M59				
	DATE = 10/27/2010	DATE = 10/27/2010	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

90% FED.
10% STATE


90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	215			215
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	173			173
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	46			46
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	23			23
20200100	EARTH EXCAVATION	CU YD	18,059	18,059		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	13,034	13,034		
20800150	TRENCH BACKFILL	CU YD	11,907	11,907		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,960	3,960		
21101605	TOPSOIL FURNISH AND PLACE, 2"	SQ YD	110,900			110,900
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	19,360			19,360
25000210	SEEDING, CLASS 2A	ACRE	1			1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90			90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90			90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90			90
25000750	MOWING	ACRE	40			40

* DENOTES SPECIALTY ITEM
 Δ NON-PARTICIPATING

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
25100105	MULCH, METHOD 1	ACRE	4			4
25100115	MULCH, METHOD 2	ACRE	3			3
25100630	EROSION CONTROL BLANKET	SQ YD	4,678	4,678		
28000305	TEMPORARY DITCH CHECKS	FOOT	735	735		
28000400	PERIMETER EROSION BARRIER	FOOT	3,597	3,597		
28000500	INLET AND PIPE PROTECTION	EACH	225	225		
28100101	STONE RIPRAP, CLASS A1	SQ YD	230	230		
28100107	STONE RIPRAP, CLASS A4	SQ YD	230	230		
28200200	FILTER FABRIC	SQ YD	230	230		
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	54,580	54,580		
42001300	PROTECTIVE COAT	SQ YD	16,650	16,650		
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	823	823		
44000100	PAVEMENT REMOVAL	SQ YD	445	445		
44213000	PATCHING REINFORCEMENT	SQ YD	180	180		
44213200	SAW CUTS	FOOT	780	780		

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 ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS <small>6007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: Chicago@clorba.com</small>	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
	PLOT SCALE = 1/8" = 1' / IN.	DRAWN - JMK	REVISED -
	PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
		DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99H585-1) Y-1	WILL	309	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M59	

Rev.

90% FED.
10% STATE
URBAN

CODE NO.	ITEM	UNIT	TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
44213204	TIE BARS 3/4"	EACH	220	220		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,028	1,028		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	488	488		
48300705	PORTLAND CEMENT CONCRETE SHOULDERS 12 1/4"	SQ YD	48,537	48,537		
50102400	CONCRETE REMOVAL	CU YD	214.4		214.4	
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1		
50157300	PROTECTIVE SHIELD	SQ YD	197		197	
50300100	FLOOR DRAINS	EACH	12		12	
50300225	CONCRETE STRUCTURES	CU YD	41.2		41.2	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	426.8		426.8	
50300300	PROTECTIVE COAT	SQ YD	551		551	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1	
50500505	STUD SHEAR CONNECTORS	EACH	2,748		2,748	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	117,550		117,550	
50800515	BAR SPLICERS	EACH	156		156	

* DENOTES SPECIALTY ITEM

90% FED.
10% STATE
URBAN

CODE NO.	ITEM	UNIT	TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
51500100	NAME PLATES	EACH	2		2	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	364		364	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	8		8	
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	4		4	
52100520	ANCHOR BOLTS, 1"	EACH	24		24	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	8		8	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1		
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2		
54215442	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 42"	EACH	3	3		
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1		
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1		
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	733	733		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	945	945		

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USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 1:8000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
SUMMARY OF QUANTITIES**

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	5
CONTRACT NO. 60M59				
ILLINOIS FED. AID PROJECT				

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	150	150		
X6350120	DELINEATOR REMOVAL	EACH	40	40		
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	141	141		
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	10,225	10,225		
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	141	141		
63700805	CONCRETE BARRIER TRANSITION	FOOT	174	174		
63700900	CONCRETE BARRIER BASE	FOOT	18,006	18,006		
64200105	SHOULDER RUMBLE STRIPS	FOOT	49,630	49,630		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	4	4		
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	7	7		
67100100	MOBILIZATION	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	7	7		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	85,460	85,460		
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	1,810	1,810		

* DENOTES SPECIALTY ITEM

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	210	210		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	29,903	29,903		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	42,080	42,080		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,500	3,500		
70400500	TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	522	522		
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	18,410	18,410		
* 72000100	SIGN PANEL-TYPE 1	SQ FT	13	13		
* 72000200	SIGN PANEL-TYPE 2	SQ FT	466	466		
* 72000300	SIGN PANEL-TYPE 3	SQ FT	1,980	1,980		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	10	10		
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	18	18		
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	22	22		
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	2,013	2,013		
* 72600100	MILEPOST MARKER ASSEMBLY	EACH	16	16		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	76	76		

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USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 1/8" = 1' IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. 80 FROM NS RAILROAD TO US 45 SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-11 Y-1	WILL	309	7
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60M59

Rev.

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
73000100	WOOD SIGN SUPPORT	FOOT	506	506		
73100100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2		
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1		
73100200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2		
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	75,031	75,031		
78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	19,225	19,225		
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	6,792	6,792		
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	3,628	3,628		
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	925	925		
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	25	25		
78100300	REPLACEMENT REFLECTOR	EACH	154	154		
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	95	95		
78200410	GUARDRAIL MARKERS, TYPE A	EACH	50	50		
78200530	BARRIER WALL MARKERS, TYPE C	EACH	2,960	2,960		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	26,705	26,705		
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1		

* DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	330	330		
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	125	125		
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	18,200	18,200		
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	175	175		
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	1,210	1,210		
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	430	430		
81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	220	220		
81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	2	2		
81400200	HEAVY-DUTY HANDHOLE	EACH	11	11		
81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,600	1,600		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	18,900	18,900		
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	100	100		
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	10	10		
84200400	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	3	3		
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	40	40		
89502200	MODIFY EXISTING CONTROLLER	EACH	2	2		

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USER NAME = oconnell
 DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010
 PLOT SCALE = 1/8" = 1' IN.
 PLOT DATE = 10/28/2010

REVISOR -
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 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
 SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(S&S-1) Y-1	WILL	309	8

CONTRACT NO. 60M59
 ILLINOIS FED. AID PROJECT

Rev.

90% FED.
10% STATE


90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	23			23
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	25			25
K0029624	WEED CONTROL, TEASEL	GALLON	7.5			7.5
Δ K1003660	MOWING CYCLES	EACH	2			2
K1005418	TEMPORARY SEEDING	ACRE	7			7
* X0300247	REMOVE WOOD POST	EACH	3	3		
X0320532	CONCRETE BRIDGE DECK SCARIFICATION (3/8 INCH)	SQ YD	2,491		2,491	
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	18,442	18,442		
X0322118	REMOVE CONCRETE FLARED END SECTIONS	EACH	9	9		
* X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	8	8		
X0322944	BRIDGE DECK THIN POLYMER OVERLAY 3/8"	SQ YD	3,520		3,520	
X0323260	SEDIMENT BASIN	EACH	3	3		
* X0323898	CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	5	5		
* X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	12	12		
* X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	6	6		

* DENOTES SPECIALTY ITEM
Δ NON-PARTICIPATING

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
* X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	46,800	46,800		
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	10			10
X0325748	ACRYLIC COATING	SQ YD	16		16	
X0325749	FIBER WRAP	SQ FT	260		260	
X030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	1,930	1,930		
* X0326266	ETHERNET SWITCH	EACH	9	9		
X0326445	CONCRETE BARRIER, DOUBLE FACE (SPECIAL)	FOOT	1,087	1,087		
* X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1	1		
* X0326945	CLOSED CIRCUIT TELEVISION CAMERA EQUIPMENT	EACH	5	5		
* X0326946	CLOSED CIRCUIT TELEVISION CAMERA INSTALLATION	EACH	5	5		
* X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	5	5		
* X0326949	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE FOUNDATION, 30" DIAMETER	FOOT	80	80		
* X0326964	FIBER OPTIC INTERCONNECT CABINET	EACH	1	1		
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	278	278		
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	3			3

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 ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS <small>6007 North Campbell Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.778.4000 Fax: 773.778.4014 Email: clorba@clorba.com</small>	USER NAME = coornwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 SUMMARY OF QUANTITIES	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 9
	PLOT SCALE = 1:8000' / IN. PLOT DATE = 12/26/2010	DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60M59			

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
50105220	PIPE CULVERT REMOVAL	FOOT	15	15		
X6370250	CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT	FOOT	6,380	6,380		
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1		
X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	3	3		
X8130360	JUNCTION BOX, COMPOSITE CONCRETE, EMBEDDED IN STRUCTURE, 20" X 13" X 12"	EACH	2	2		
X8360105	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	70	70		
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	53,500	53,500		
X8710036	FIBER OPTIC CABLE 12 F SM	FOOT	3,300	3,300		
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	51,210	51,210		
Z0012710	CONCRETE HEADWALL FOR PIPE UNDERDRAIN REMOVAL	EACH	61	61		
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES SQ FT)		24		24	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0014800	CULVERT TO BE CLEANED	FOOT	1,714	1,714		
Z0023600	FILLING EXISTING CULVERTS	EACH	2	2		

* DENOTES SPECIALTY ITEM
 Δ NON-PARTICIPATING

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	1	1		
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2		
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	7	7		
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	10	10		
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	595	595		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	2	2		
Z0064800	SELECTIVE CLEARING	UNIT	998			998
Z0065700	SLOPE WALL REPAIR	SQ YD	108		108	
Z0076600	TRAINEES	HOUR				
Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	88	88		
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	40	40		
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SQ YD	140	140		
X2503110	MOWING (SPECIAL)	ACRE	0.25			0.25
X2503315	INTERSEEDING, CLASS 4 (MODIFIED)	ACRE	23			23

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ENGINEERING CONSULTANT
Gioba Group, Inc.
 CONSULTING ENGINEERS
 5017 North Cumberland Avenue, Suite 402
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 Tel: 773.775.4000 Fax: 773.775.4014
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USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 1/8" = 1' IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 SUMMARY OF QUANTITIES**

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 10
CONTRACT NO. 60M59				
ILLINOIS FED. AID PROJECT				

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10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	STRUCTURAL 0013	LANDSCAPING 0031
61200600	REMOVAL OF <input type="checkbox"/> LIGHTING <input checked="" type="checkbox"/> NO SALVAGE	EACH	3	3		
60222220	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	6	6		
X0327113	<input type="checkbox"/> MANHOLE CONNECTION OVER EXISTING CULVERT	EACH	5	5		
X6020091	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE, RESTRICTOR PLATE	EACH	7	7		
* Z0033052	COMMUNICATIONS VAULT	EACH	30	30		
* X8710054	FIBER OPTIC TERMINATION PANEL, 12 F OR 24 F	EACH	8	8		
* X0327114	RADAR VEHICLE SENSING <input checked="" type="checkbox"/> SYSTEM	EACH	16	16		
* X0327115	RS232 TO ETHERNET CONVERTER	EACH	16	16		
* X0327116	SOLAR POWER ASSEMBLY	EACH	8	8		
* X0327117	ATMS SYSTEM INTEGRATION	L SUM	1	1		
* X0327119	<input checked="" type="checkbox"/> RADAR VEHICLE SENSING DEVICE <input type="checkbox"/> POLE ON BARRIER WALL	EACH	7	7		
* X0327118	SOLAR PANEL, <input checked="" type="checkbox"/> RADAR VEHICLE SENSING DEVICE <input type="checkbox"/> AND SPREAD SPECTRUM RADIO ANTENNA POLE	EACH	10	10		

* DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

Ciorba Group, Inc.
 CONSULTING ENGINEERS
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USER NAME = jk,jellmen
 PLOT SCALE = 1,0000' / IN.
 PLOT DATE = 10/28/2010

DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

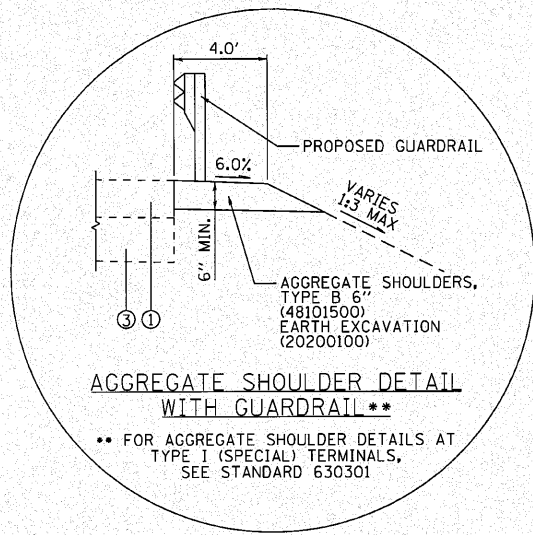
**F.A.I. 80 FROM NS RAILROAD TO US 45
 SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	11

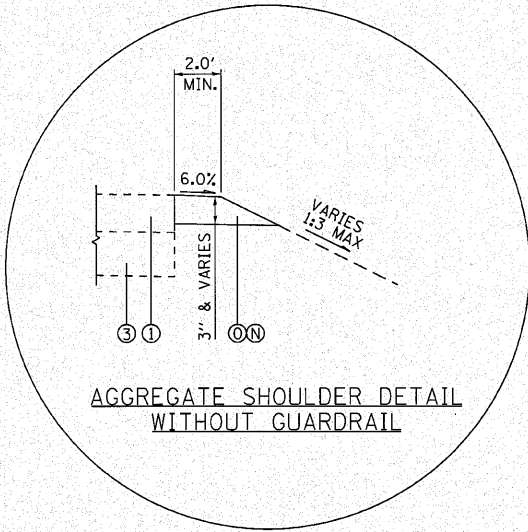
CONTRACT NO. 60M59
 ILLINOIS FED. AID PROJECT

Rev.



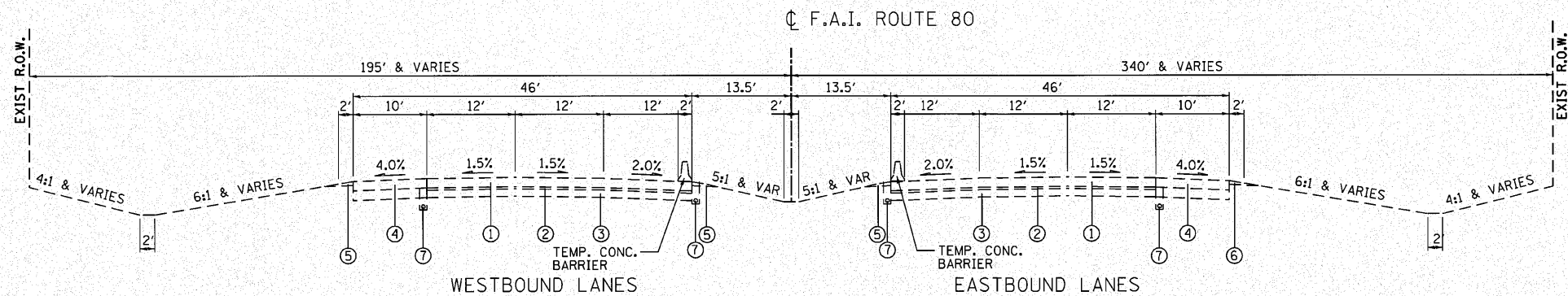
AGGREGATE SHOULDER DETAIL WITH GUARDRAIL**

** FOR AGGREGATE SHOULDER DETAILS AT TYPE I (SPECIAL) TERMINALS, SEE STANDARD 630301



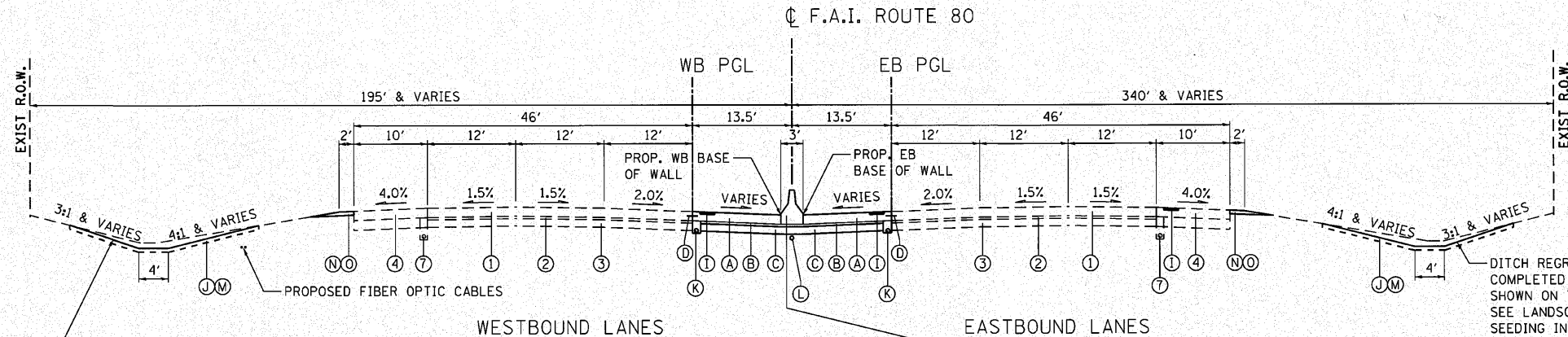
AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL

DITCH REGRADING TO BE COMPLETED AT LOCATIONS SHOWN ON THE DRAINAGE PLANS. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.



EXISTING TYPICAL CROSS SECTION

F.A.I. ROUTE 80
NS RAILROAD TO U.S. ROUTE 45
STA. 882+50 TO STA. 910+30
STA. 927+35 TO STA. 948+26
STA. 966+82 TO STA. 1066+60
(LOOKING EAST)



PROPOSED TYPICAL SECTION

F.A.I. ROUTE 80
NS RAILROAD TO U.S. ROUTE 45
STA. 882+50 TO STA. 910+30
STA. 927+35 TO STA. 948+26
STA. 966+82 TO STA. 1066+60
(LOOKING EAST)

NOTES:
-SEE ROADWAY PLAN & PROFILE SHEETS FOR SHOULDER SLOPES

-MAXIMUM ROLLOVER FROM INSIDE SHOULDER TO EDGE OF PAVEMENT IS 8.0%

-POROUS GRANULAR EMBANKMENT, SUBGRADE AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION ARE TO BE CONSTRUCTED BENEATH THE AGGREGATE SUBGRADE WHERE UNSUITABLE OR UNSTABLE SOILS EXIST. THE TABLE BELOW INDICATES THE LOCATIONS WHERE SUCH SOILS ARE ANTICIPATED. THE ACTUAL LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. SEE GENERAL NOTES FOR MORE INFORMATION.

STATION	TO	STATION
968+50		974+00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2" (BINDER IL-19mm)	2% & 30 GYR.

NOTE:
HMA MIX SHALL BE PG 64-22 OR AS SPECIFIED IN THE "USE OF RAP" DISTRICT ONE SPECIAL PROVISION.

PROPOSED LEGEND

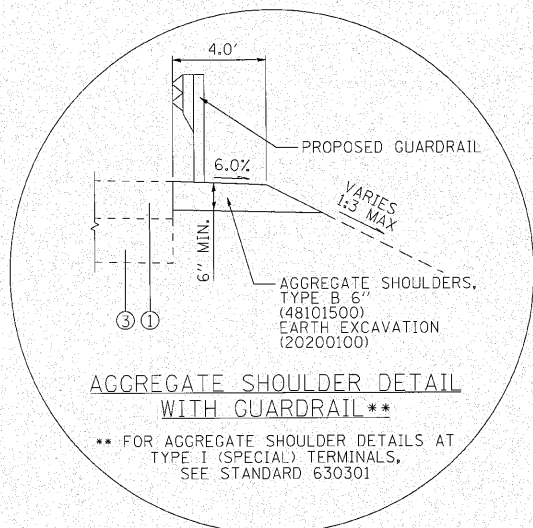
- (A) PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- (C) AGGREGATE SUBGRADE, 12" (20001050)
- (D) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER, 12 1/4")
- (E) CONCRETE BARRIER BASE (63700900)
- (F) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- (G) CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
- (H) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
- (I) SHOULDER RUMBLE STRIP (AS PER STANDARD 642001) (64200105)
- (J) TOPSOIL FURNISH AND PLACE, 4" (21101615)
- (K) PIPE UNDERDRAIN, 6" (60107700)
- (L) CONDUIT IN TRENCH, 4" DIA., PVC (81013000)
- (M) EARTH EXCAVATION (20200100)
- (N) AGGREGATE SHOULDERS, TYPE B (48101200)
- (O) GRADING AND SHAPING SHOULDERS (X2020110)

EXISTING LEGEND

- (1) CRC PAVEMENT 12-1/4"
- (2) STABILIZED SUB-BASE 4"
- (3) AGGREGATE SUBGRADE 12"
- (4) PCC SHOULDER 12-1/4"
- (5) AGGREGATE SHOULDER TYPE B, 6"
- (6) AGGREGATE SHOULDER TYPE A, 6"
- (7) PIPE UNDERDRAIN 6"

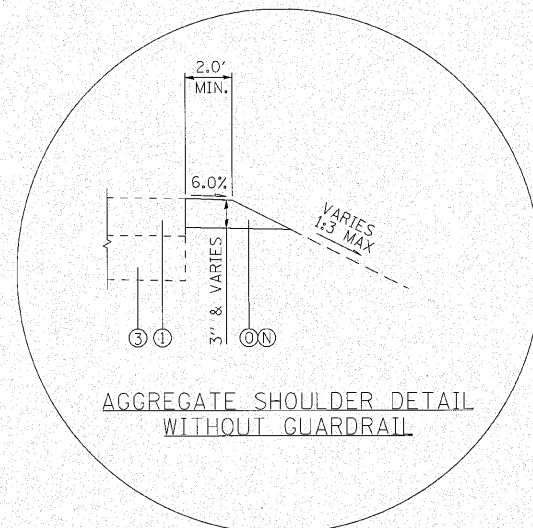
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<p>Giorgio Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4000 Fax: 773.776.4014 Email: Chicago@giorgio.com</p>	USER NAME = jkjoeliman PLOT SCALE = 10,000' / IN. PLOT DATE = 12/6/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 TYPICAL SECTIONS	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 99(5&5-1) Y-1 WILL 309 12	CONTRACT NO. 60M59
	ILLINOIS FED. AID PROJECT								



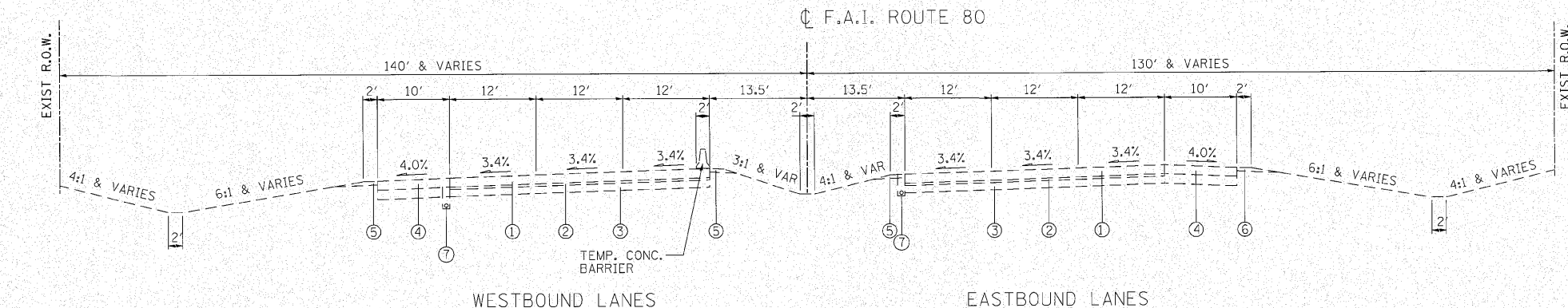
AGGREGATE SHOULDER DETAIL WITH GUARDRAIL**

** FOR AGGREGATE SHOULDER DETAILS AT TYPE I (SPECIAL) TERMINALS, SEE STANDARD 630301



AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL

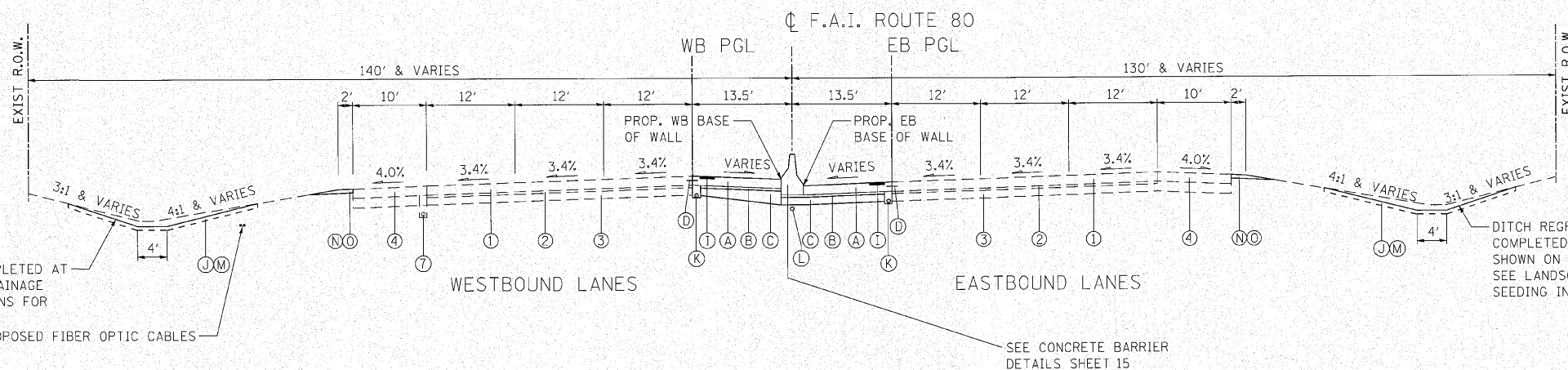
DITCH REGRADING TO BE COMPLETED AT LOCATIONS SHOWN ON THE DRAINAGE PLANS. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.



EXISTING TYPICAL CROSS SECTION

F.A.I. ROUTE 80
NS RAILROAD TO U.S. ROUTE 45
STA. 910+30 TO STA. 927+35
(LOOKING EAST)

• FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS



PROPOSED TYPICAL CROSS SECTION

F.A.I. ROUTE 80
NS RAILROAD TO U.S. ROUTE 45
STA. 910+30 TO STA. 927+35
(LOOKING EAST)

DITCH REGRADING TO BE COMPLETED AT LOCATIONS SHOWN ON THE DRAINAGE PLANS. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.

SEE CONCRETE BARRIER DETAILS SHEET 15

NOTES:
-SEE ROADWAY PLAN & PROFILE SHEETS FOR SHOULDER SLOPES
-MAXIMUM ROLLOVER FROM INSIDE SHOULDER TO EDGE OF PAVEMENT IS 8.0%

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- (C) AGGREGATE SUBGRADE, 12" (20001050)
- (D) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER, 12 1/4")
- (E) CONCRETE BARRIER BASE (63700900)
- (F) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- (G) CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
- (H) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
- (I) SHOULDER RUMBLE STRIP (AS PER STANDARD 642001) (64200105)
- (J) TOPSOIL FURNISH AND PLACE, 4" (21101615)
- (K) PIPE UNDERDRAIN, 6" (60107700)
- (L) CONDUIT IN TRENCH, 4" DIA., PVC (81013000)
- (M) EARTH EXCAVATION (20200100)
- (N) AGGREGATE SHOULDERS, TYPE B (48101200)
- (O) GRADING AND SHAPING SHOULDERS (X2020110)

EXISTING LEGEND

- (1) CRC PAVEMENT 12-1/4"
- (2) STABILIZED SUB-BASE 4"
- (3) AGGREGATE SUBGRADE 12"
- (4) PCC SHOULDER 12-1/4"
- (5) AGGREGATE SHOULDER TYPE B, 6"
- (6) AGGREGATE SHOULDER TYPE A, 6"
- (7) PIPE UNDERDRAIN 6"

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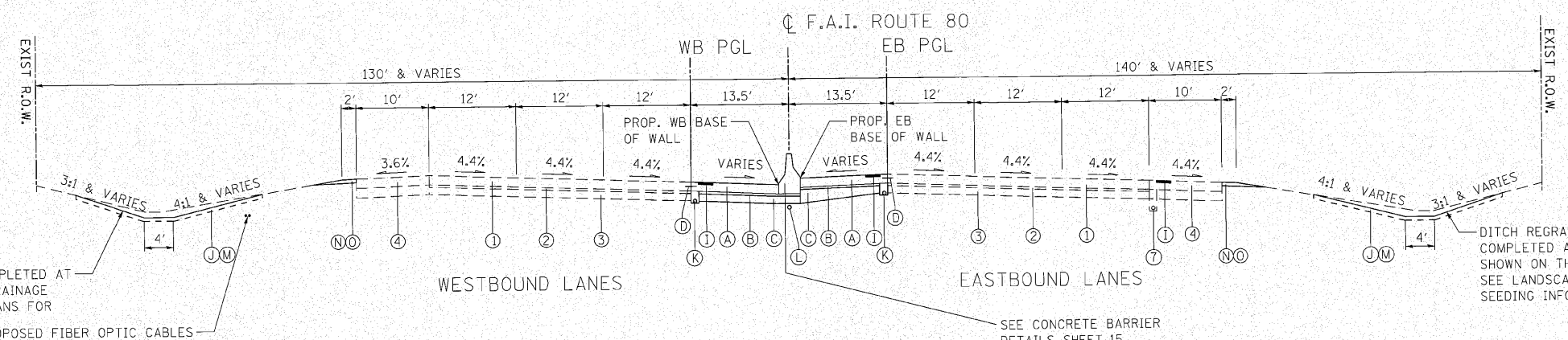
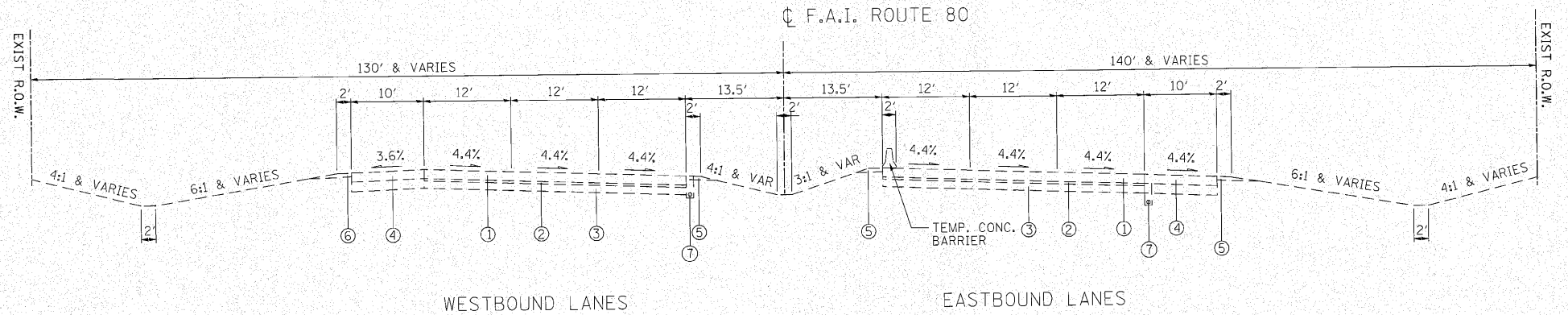
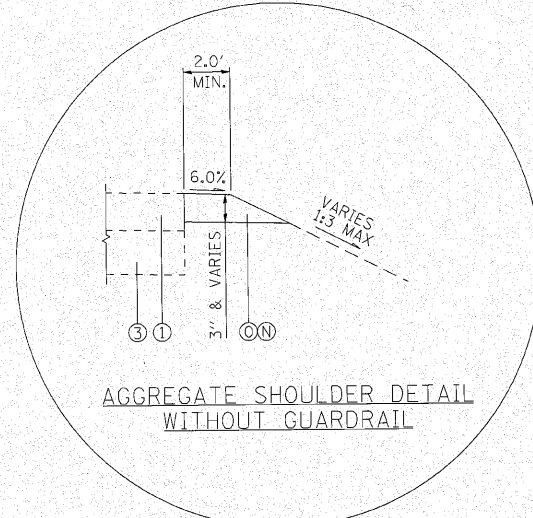
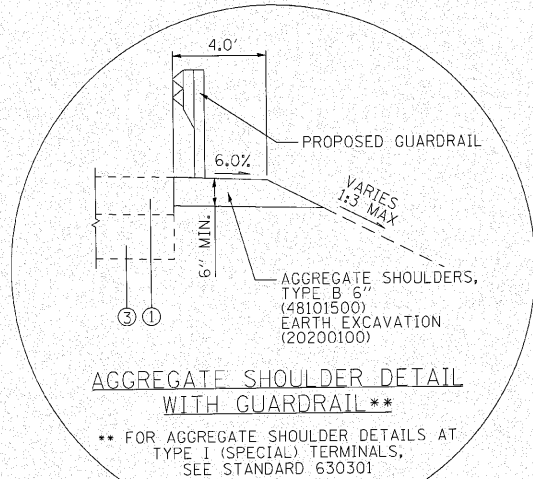
ENGINEERING CONSULTANT	USER NAME = jkjoeliman	DESIGNED - CRC	REVISED -
		DRAWN - JMK	REVISED -
	PLOT SCALE = 10.00' / IN.	CHECKED - MRJ	REVISED -
	PLOT DATE = 10/28/2010	DATE = 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	13
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				



DITCH REGRADING TO BE COMPLETED AT LOCATIONS SHOWN ON THE DRAINAGE PLANS. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.

PROPOSED FIBER OPTIC CABLES

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- (C) AGGREGATE SUBGRADE, 12" (Z0001050)
- (D) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER, 12 1/4")
- (E) CONCRETE BARRIER BASE (63700900)
- (F) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- (G) CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
- (H) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
- (I) SHOULDER RUMBLE STRIP (AS PER STANDARD 642001) (64200105)
- (J) TOPSOIL FURNISH AND PLACE, 4" (21101615)
- (K) PIPE UNDERDRAIN, 6" (60107700)
- (L) CONDUIT IN TRENCH, 4" DIA., PVC (81013000)
- (M) EARTH EXCAVATION (20200100)
- (N) AGGREGATE SHOULDERS, TYPE B (48101200)
- (O) GRADING AND SHAPING SHOULDERS (X2020110)

EXISTING LEGEND

- (1) CRC PAVEMENT 12-1/4"
- (2) STABILIZED SUB-BASE 4"
- (3) AGGREGATE SUBGRADE 12"
- (4) PCC SHOULDER 12-1/4"
- (5) AGGREGATE SHOULDER TYPE B, 6"
- (6) AGGREGATE SHOULDER TYPE A, 6"
- (7) PIPE UNDERDRAIN 6"

NOTES:

- SEE ROADWAY PLAN & PROFILE SHEETS FOR SHOULDER SLOPES
- MAXIMUM ROLLOVER FROM INSIDE SHOULDER TO EDGE OF PAVEMENT IS 8.0%

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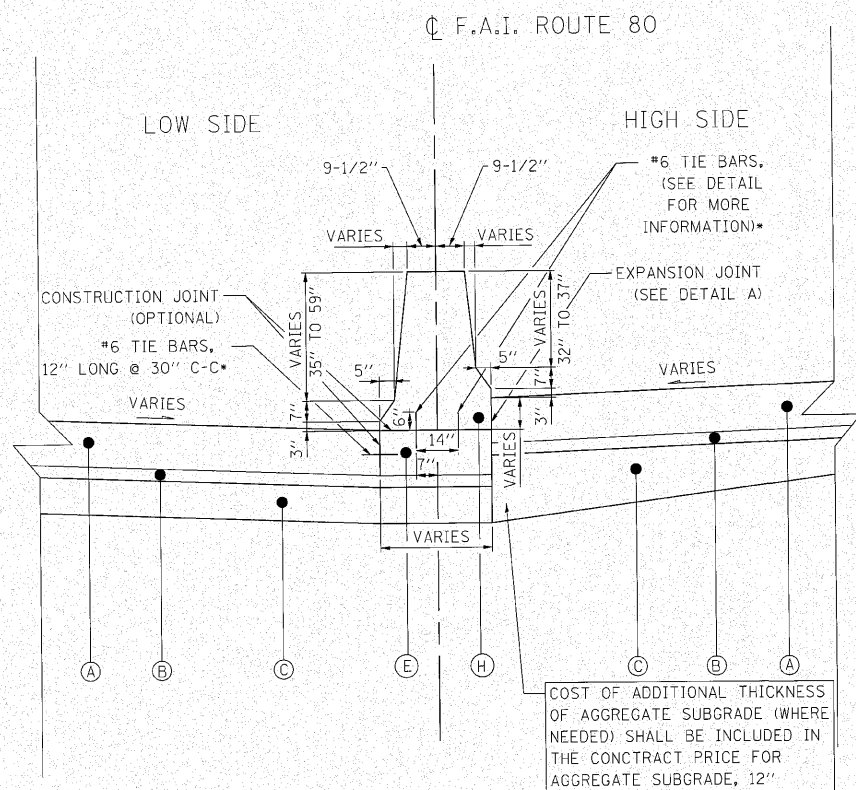
USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
PLDT SCALE = 10.00' / IN.	DRAWN - JMK	REVISED -
PLDT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE = 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

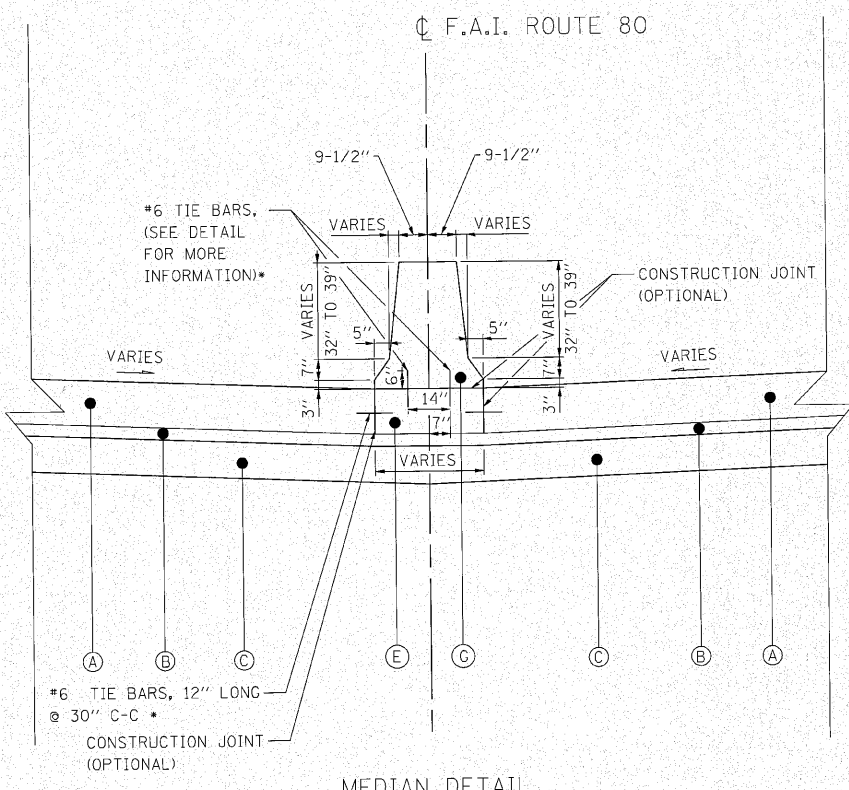
**F.A.I. 80 FROM NS RAILROAD TO US 45
TYPICAL SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

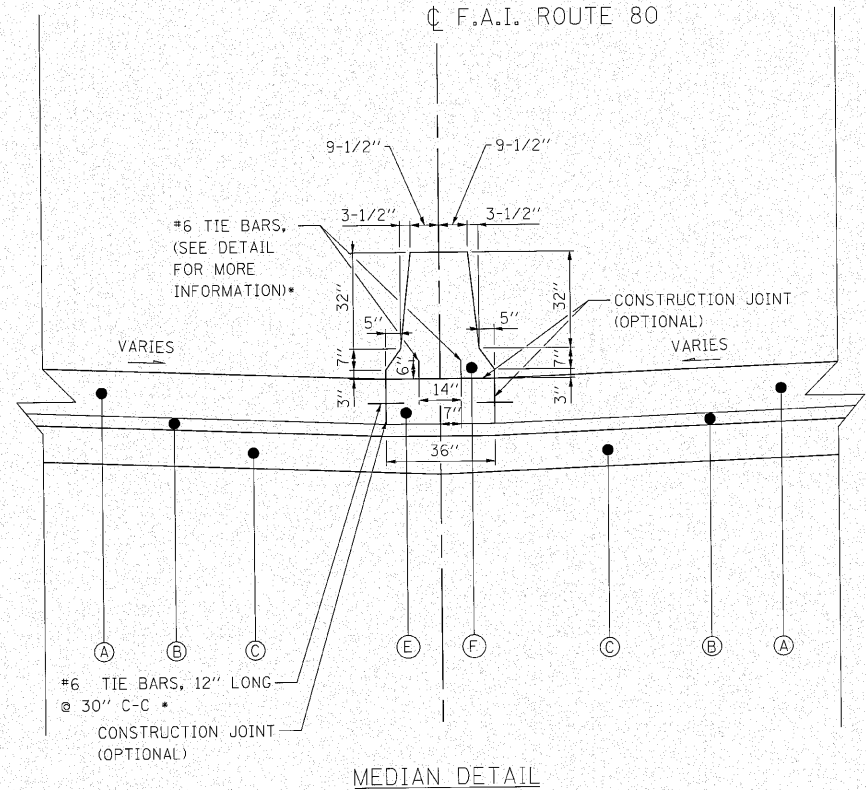
F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 14
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				



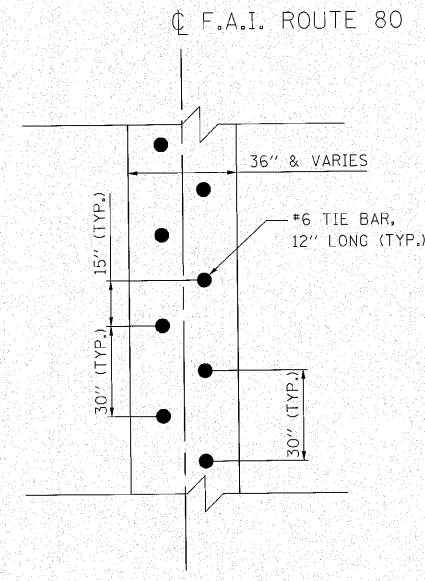
MEDIAN DETAIL
F.A.I. ROUTE 80
CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT



MEDIAN DETAIL
F.A.I. ROUTE 80
CONCRETE BARRIER, DOUBLE FACE, SPECIAL

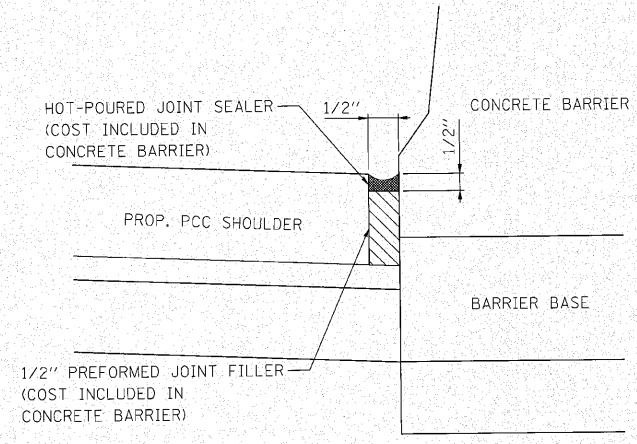


MEDIAN DETAIL
F.A.I. ROUTE 80
CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT



TIE BAR SPACING DETAIL
F.A.I. ROUTE 80
BARRIER BASE PLAN VIEW

* TIE BARS ARE ONLY REQUIRED WITH OPTIONAL CONSTRUCTION JOINT. ALL TIE BARS SHALL BE EPOXY COATED AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER BASE.



DETAIL A

PROPOSED LEGEND

- (A) PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- (C) AGGREGATE SUBGRADE, 12" (Z0001050)
- (D) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER, 12 1/4")
- (E) CONCRETE BARRIER BASE (63700900)
- (F) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- (G) CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
- (H) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
- (I) SHOULDER RUMBLE STRIP (AS PER STANDARD 642001) (64200105)
- (J) TOPSOIL FURNISH AND PLACE, 4" (21101615)
- (K) PIPE UNDERDRAIN, 6" (60107700)
- (L) CONDUIT IN TRENCH, 4" DIA., PVC (81013000)
- (M) EARTH EXCAVATION (20200100)
- (N) AGGREGATE SHOULDERS, TYPE B (48101200)
- (O) GRADING AND SHAPING SHOULDERS (X2020110)

STA.	TO	STA.	CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT X6370250	CONCRETE BARRIER, DOUBLE FACE, SPECIAL X0326445	CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT 63700275
882+50	TO	890+00			750
890+00	TO	893+00		300	
893+00	TO	897+44		137	444
900+13	TO	901+50			250
901+50	TO	904+00			
904+00	TO	909+00		500	
909+00	TO	936+50	2750		
938+80	TO	946+00	720		
946+90	TO	976+00	2910		
976+00	TO	981+00			500
981+00	TO	982+50		150	
982+50	TO	1019+38			3688
1020+67	TO	1066+60			4593
TOTAL			6380	1087	10225

NOTES:

- THE VARIABLE CROSS-SECTION SHALL BE USED WHEN THERE IS A DIFFERENCE IN ELEVATION BETWEEN THE TWO SIDES OF THE BARRIER. THE BARRIER WILL BE PAID FOR AS CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT WHEN THE VARIATION EXCEEDS 3". THE BARRIER WILL BE PAID FOR AS CONCRETE BARRIER, DOUBLE FACE, SPECIAL OR CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT WHEN THE VARIATION IS EQUAL TO OR LESS THAN 3".
- CONSTRUCTION JOINTS SHALL BE SPACED AS DESCRIBED IN THE SPECIFICATIONS AND SHALL BE CONSTRUCTED IN THE CONCRETE BARRIER WALL AND IN THE CONCRETE BARRIER BASE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BARRIER WALL AND BASE.
- WHEN ELECTRICAL CONDUITS ARE CONSTRUCTED, THEY SHALL BE LOCATED IN THE EARTH BELOW THE BARRIER BASE.
- FOR ADDITIONAL CONCRETE BARRIER DETAILS, SEE STANDARD 637006.
- THE CONCRETE BARRIER BASE MUST BE POURED LEVEL. THE BASE SHALL NOT FOLLOW THE ADJACENT SHOULDER SLOPE.

STATION	STAGE 1					STAGE 2						
	20200100		20201200			20200100		20201200				
	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		
1-80 FROM NS RAILROAD TO US 45	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
932+00.00	TO	933+00.00	84.6	71.9	58.5	1.1	70.8	0.0	0.0	30.6	16.3	-16.3
933+00.00	TO	934+00.00	83.0	70.5	58.5	1.5	69.0	0.0	0.0	41.7	23.3	-23.3
934+00.00	TO	935+00.00	84.6	71.9	58.5	0.9	71.0	0.0	0.0	23.7	11.1	-11.1
935+00.00	TO	936+00.00	87.8	74.6	58.5	0.2	74.4	0.0	0.0	15.4	3.7	-3.7
936+00.00	TO	937+00.00	105.2	89.4	58.5	0.0	89.4	0.0	0.0	10.4	2.8	-2.8
937+00.00	TO	938+00.00	117.2	99.6	58.5	0.0	99.6	0.0	0.0	0.0	0.0	0.0
938+00.00	TO	939+00.00	113.9	96.8	59.4	0.0	96.8	0.0	0.0	0.0	0.0	0.0
939+00.00	TO	940+00.00	93.3	79.3	63.3	9.6	69.7	0.0	0.0	0.0	0.0	0.0
940+00.00	TO	941+00.00	69.8	59.3	66.7	18.7	40.6	0.0	0.0	0.0	0.0	0.0
941+00.00	TO	942+00.00	73.7	62.6	65.2	9.6	53.0	0.0	0.0	0.0	0.0	0.0
942+00.00	TO	943+00.00	91.1	77.4	60.9	0.6	76.9	0.0	0.0	0.0	0.0	0.0
943+00.00	TO	944+00.00	102.4	87.0	58.3	0.0	87.0	0.0	0.0	0.0	0.0	0.0
944+00.00	TO	945+00.00	94.8	80.6	58.3	1.3	79.3	0.0	0.0	0.0	0.0	0.0
945+00.00	TO	946+00.00	76.1	64.7	58.5	18.0	46.7	0.0	0.0	0.0	0.0	0.0
946+00.00	TO	947+00.00	64.8	55.1	58.5	34.4	20.6	0.0	0.0	0.0	0.0	0.0
947+00.00	TO	948+00.00	68.7	58.4	58.5	24.8	33.6	0.0	0.0	0.0	0.0	0.0
948+00.00	TO	949+00.00	73.5	62.5	58.5	10.9	51.6	0.0	0.0	0.0	0.0	0.0
949+00.00	TO	950+00.00	74.1	63.0	58.5	7.2	55.7	0.0	0.0	0.0	0.0	0.0
950+00.00	TO	951+00.00	74.8	63.6	58.5	6.7	56.9	0.0	0.0	0.0	0.0	0.0
951+00.00	TO	952+00.00	73.1	62.2	58.5	7.8	54.4	0.0	0.0	0.0	0.0	0.0
952+00.00	TO	953+00.00	69.8	59.3	58.5	9.4	49.9	0.0	0.0	0.0	0.0	0.0
953+00.00	TO	954+00.00	67.6	57.5	58.5	14.3	43.2	0.0	0.0	0.0	0.0	0.0
954+00.00	TO	955+00.00	65.6	55.7	58.5	20.7	35.0	0.0	0.0	0.0	0.0	0.0
955+00.00	TO	956+00.00	64.6	54.9	58.5	22.2	32.7	0.0	0.0	0.0	0.0	0.0
956+00.00	TO	957+00.00	68.3	58.1	58.5	20.2	37.9	0.0	0.0	0.0	0.0	0.0
957+00.00	TO	958+00.00	70.4	59.8	58.5	21.3	38.5	0.0	0.0	0.0	0.0	0.0
958+00.00	TO	959+00.00	66.9	58.6	58.5	24.4	34.1	0.0	0.0	0.0	0.0	0.0
959+00.00	TO	960+00.00	69.3	58.9	58.5	24.6	34.2	0.0	0.0	0.0	0.0	0.0
960+00.00	TO	961+00.00	74.8	63.6	58.5	20.4	43.2	0.0	0.0	0.0	0.0	0.0
961+00.00	TO	962+00.00	75.4	64.1	62.4	16.9	47.2	0.0	0.0	0.0	0.0	0.0
962+00.00	TO	963+00.00	85.0	72.3	62.4	9.6	62.6	0.0	0.0	0.0	0.0	0.0
963+00.00	TO	964+00.00	90.0	76.5	61.5	4.4	72.1	0.0	0.0	0.0	0.0	0.0
964+00.00	TO	965+00.00	72.2	61.4	65.0	11.9	49.5	0.0	0.0	0.0	0.0	0.0
965+00.00	TO	966+00.00	68.1	57.9	62.0	12.2	45.7	0.0	0.0	0.0	0.0	0.0
966+00.00	TO	967+00.00	76.1	64.7	58.5	5.6	59.1	0.0	0.0	0.0	0.0	0.0
967+00.00	TO	968+00.00	81.1	68.9	58.3	3.1	65.8	0.0	0.0	0.0	0.0	0.0
968+00.00	TO	969+00.00	80.0	68.0	74.3	1.3	66.7	0.0	0.0	0.0	0.0	0.0
969+00.00	TO	970+00.00	76.9	65.3	98.0	0.0	65.3	0.0	0.0	0.0	0.0	0.0
970+00.00	TO	971+00.00	78.3	66.6	112.8	0.0	66.6	0.0	0.0	0.0	0.0	0.0
971+00.00	TO	972+00.00	80.6	68.5	121.7	0.0	68.5	0.0	0.0	0.0	0.0	0.0
972+00.00	TO	973+00.00	83.5	71.0	125.0	0.0	71.0	0.0	0.0	0.0	0.0	0.0
973+00.00	TO	974+00.00	86.3	73.4	127.2	0.0	73.4	0.0	0.0	0.0	0.0	0.0
974+00.00	TO	975+00.00	108.9	92.6	93.1	0.0	92.6	0.0	0.0	0.0	0.0	0.0
975+00.00	TO	976+00.00	126.1	107.2	58.5	0.0	107.2	0.0	0.0	0.0	0.0	0.0
976+00.00	TO	977+00.00	118.9	101.1	58.5	0.0	101.1	0.0	0.0	0.0	0.0	0.0
977+00.00	TO	978+00.00	117.2	99.6	58.5	0.0	99.6	0.0	0.0	0.0	0.0	0.0
978+00.00	TO	979+00.00	110.2	93.7	58.5	0.0	93.7	0.0	0.0	0.0	0.0	0.0
979+00.00	TO	980+00.00	88.1	74.9	58.5	8.7	66.2	0.0	0.0	0.0	0.0	0.0
980+00.00	TO	981+00.00	70.9	60.3	58.5	20.0	40.3	0.0	0.0	0.0	0.0	0.0
981+00.00	TO	982+00.00	73.1	62.2	58.5	18.3	43.8	0.0	0.0	0.0	0.0	0.0
982+00.00	TO	983+00.00	79.4	67.5	58.3	10.9	56.6	0.0	0.0	0.0	0.0	0.0

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 Email: cengr@giorgio.com

USER NAME = jkjemmen	DESIGNED - CRC	REVISED -
PLOT SCALE = 1:8000 / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**F.A.I. 80 FROM NS RAILROAD TO US 45
EARTHWORK SCHEDULES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	17
CONTRACT NO. 60M59				
ILLINOIS FED. AID PROJECT				

STATION			STAGE 1					STAGE 2				
			20200100		20201200			20200100		20201200		
I-80 FROM NS RAILROAD TO US 45			EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
983+00.00	TO	984+00.00	83.1	70.7	58.3	5.9	64.8	0.0	0.0	0.0	0.0	0.0
984+00.00	TO	985+00.00	93.1	79.2	58.5	2.0	77.1	0.0	0.0	0.0	0.0	0.0
985+00.00	TO	986+00.00	98.5	83.7	58.3	0.4	83.4	0.0	0.0	0.0	0.0	0.0
986+00.00	TO	987+00.00	104.3	88.6	58.3	0.4	88.3	0.0	0.0	0.0	0.0	0.0
987+00.00	TO	988+00.00	110.9	94.3	58.5	0.0	94.3	0.0	0.0	0.0	0.0	0.0
988+00.00	TO	989+00.00	112.4	95.5	58.5	0.0	95.5	0.0	0.0	0.0	0.0	0.0
989+00.00	TO	990+00.00	110.6	94.0	58.5	0.0	94.0	0.0	0.0	0.0	0.0	0.0
990+00.00	TO	991+00.00	95.2	80.9	58.5	1.3	79.6	0.0	0.0	0.0	0.0	0.0
991+00.00	TO	992+00.00	76.9	65.3	58.5	10.9	54.4	0.0	0.0	0.0	0.0	0.0
992+00.00	TO	993+00.00	64.8	55.1	58.5	34.6	20.5	0.0	0.0	0.0	0.0	0.0
993+00.00	TO	994+00.00	71.7	60.9	58.5	28.9	32.0	0.0	0.0	0.0	0.0	0.0
994+00.00	TO	995+00.00	86.9	73.8	58.5	5.6	68.3	0.0	0.0	0.0	0.0	0.0
995+00.00	TO	996+00.00	90.7	77.1	58.5	3.0	74.2	0.0	0.0	0.0	0.0	0.0
996+00.00	TO	997+00.00	88.9	75.6	58.3	2.8	72.8	0.0	0.0	0.0	0.0	0.0
997+00.00	TO	998+00.00	85.6	72.7	58.3	5.6	67.2	0.0	0.0	0.0	0.0	0.0
998+00.00	TO	999+00.00	83.7	71.1	58.5	8.5	62.6	0.0	0.0	0.0	0.0	0.0
999+00.00	TO	1000+00.00	78.1	66.4	58.5	15.6	50.9	0.0	0.0	0.0	0.0	0.0
1000+00.00	TO	1001+00.00	71.5	60.8	58.5	24.3	36.5	0.0	0.0	0.0	0.0	0.0
1001+00.00	TO	1002+00.00	68.3	58.1	58.5	25.7	32.3	0.0	0.0	0.0	0.0	0.0
1002+00.00	TO	1003+00.00	68.1	57.9	58.3	26.3	31.6	0.0	0.0	0.0	0.0	0.0
1003+00.00	TO	1004+00.00	66.9	56.8	58.3	33.7	23.1	0.0	0.0	0.0	0.0	0.0
1004+00.00	TO	1005+00.00	66.5	56.5	58.5	33.9	22.6	0.0	0.0	0.0	0.0	0.0
1005+00.00	TO	1006+00.00	70.0	59.5	58.5	26.7	32.8	0.0	0.0	0.0	0.0	0.0
1006+00.00	TO	1007+00.00	71.9	61.1	58.3	25.6	35.5	0.0	0.0	0.0	0.0	0.0
1007+00.00	TO	1008+00.00	73.7	62.6	58.3	23.3	39.3	0.0	0.0	0.0	0.0	0.0
1008+00.00	TO	1009+00.00	76.1	64.7	58.5	20.4	44.3	0.0	0.0	0.0	0.0	0.0
1009+00.00	TO	1010+00.00	78.1	66.4	58.5	18.5	47.9	0.0	0.0	0.0	0.0	0.0
1010+00.00	TO	1011+00.00	78.9	67.1	58.5	17.2	49.8	0.0	0.0	0.0	0.0	0.0
1011+00.00	TO	1011+50.00	37.8	32.1	31.1	9.4	22.8	0.0	0.0	4.1	1.2	-1.2
1011+50.00	TO	1011+65.00	10.9	9.3	9.9	3.1	6.2	0.0	0.0	2.5	0.8	-0.8
1011+65.00	TO	1012+00.00	26.4	22.5	21.8	6.9	15.6	0.0	0.0	4.9	1.6	-1.6
1012+00.00	TO	1013+00.00	77.0	65.5	58.5	18.5	47.0	0.0	0.0	12.0	4.1	-4.1
1013+00.00	TO	1014+00.00	74.6	63.4	58.5	19.1	44.4	0.0	0.0	12.6	4.8	-4.8
1014+00.00	TO	1015+00.00	70.2	59.7	58.5	19.8	39.8	0.0	0.0	14.1	6.3	-6.3
1015+00.00	TO	1016+00.00	68.5	58.2	58.5	23.5	34.7	0.0	0.0	16.7	7.6	-7.6
1016+00.00	TO	1017+00.00	81.3	69.1	58.5	14.1	55.0	0.0	0.0	8.7	3.7	-3.7
1017+00.00	TO	1018+00.00	98.3	83.6	58.5	0.6	83.0	0.0	0.0	0.0	0.0	0.0
1018+00.00	TO	1019+00.00	108.5	92.2	58.5	0.0	92.2	0.0	0.0	0.0	0.0	0.0
1019+00.00	TO	1020+00.00	111.1	94.4	55.6	0.0	94.4	0.0	0.0	0.0	0.0	0.0
1020+00.00	TO	1021+00.00	94.6	80.4	55.6	1.3	79.1	0.0	0.0	0.0	0.0	0.0
1021+00.00	TO	1022+00.00	76.9	65.3	61.1	5.6	59.8	0.0	0.0	0.0	0.0	0.0
1022+00.00	TO	1023+00.00	86.3	73.4	62.6	4.3	69.1	0.0	0.0	0.0	0.0	0.0
1023+00.00	TO	1024+00.00	90.6	77.0	62.0	0.2	76.8	0.0	0.0	0.0	0.0	0.0
1024+00.00	TO	1025+00.00	85.7	72.9	62.6	0.2	72.7	0.0	0.0	0.0	0.0	0.0
1025+00.00	TO	1026+00.00	98.5	83.7	60.6	0.0	83.7	0.0	0.0	0.0	0.0	0.0
1026+00.00	TO	1027+00.00	108.9	92.6	58.5	0.0	92.6	0.0	0.0	0.0	0.0	0.0
1027+00.00	TO	1028+00.00	100.9	85.8	58.5	0.2	85.6	0.0	0.0	0.0	0.0	0.0
1028+00.00	TO	1029+00.00	85.7	72.9	58.5	3.9	69.0	0.0	0.0	0.0	0.0	0.0
1029+00.00	TO	1030+00.00	93.3	79.3	58.5	3.7	75.6	0.0	0.0	0.0	0.0	0.0
1030+00.00	TO	1031+00.00	100.9	85.8	58.5	0.0	85.8	0.0	0.0	0.0	0.0	0.0
1031+00.00	TO	1032+00.00	86.7	73.7	58.5	2.8	70.9	0.0	0.0	0.0	0.0	0.0

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	ENGINEERING CONSULTANT	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 EARTHWORK SCHEDULES	F.A.I. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:2000' / IN. PLOT DATE = 10/28/2010	DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	80			99(5&5-1) Y-1	WILL	309	18	
						SCALE:	SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 60M59		

STATION			STAGE 1					STAGE 2				
			20200100		20201200		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	20200100		20201200		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	
I-80 FROM NS RAILROAD TO US 45			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
1032+00.00	TO	1033+00.00	83.1	70.7	58.5	3.0	67.7	0.0	0.0	0.0	0.0	0.0
1033+00.00	TO	1034+00.00	92.8	78.9	58.5	0.2	78.7	0.0	0.0	0.0	0.0	0.0
1034+00.00	TO	1035+00.00	98.5	83.7	58.5	0.0	83.7	0.0	0.0	0.0	0.0	0.0
1035+00.00	TO	1036+00.00	94.6	80.4	58.5	1.7	78.8	0.0	0.0	0.0	0.0	0.0
1036+00.00	TO	1037+00.00	91.5	77.8	58.5	3.0	74.8	0.0	0.0	0.0	0.0	0.0
1037+00.00	TO	1038+00.00	87.6	74.5	58.5	9.4	65.0	0.0	0.0	0.0	0.0	0.0
1038+00.00	TO	1039+00.00	80.2	68.2	58.5	18.0	50.2	0.0	0.0	0.0	0.0	0.0
1039+00.00	TO	1040+00.00	77.6	66.0	58.5	20.6	45.4	0.0	0.0	0.0	0.0	0.0
1040+00.00	TO	1041+00.00	78.3	66.6	58.5	20.7	45.8	0.0	0.0	0.0	0.0	0.0
1041+00.00	TO	1042+00.00	74.4	63.3	58.5	23.3	39.9	0.0	0.0	0.0	0.0	0.0
1042+00.00	TO	1043+00.00	68.7	58.4	58.5	30.9	27.5	0.0	0.0	0.0	0.0	0.0
1043+00.00	TO	1044+00.00	67.8	57.6	58.3	33.1	24.5	0.0	0.0	0.0	0.0	0.0
1044+00.00	TO	1045+00.00	66.5	56.5	58.3	31.5	25.0	0.0	0.0	0.0	0.0	0.0
1045+00.00	TO	1046+00.00	67.0	57.0	58.5	26.7	30.3	0.0	0.0	0.0	0.0	0.0
1046+00.00	TO	1047+00.00	71.9	61.1	58.5	18.3	42.7	0.0	0.0	0.0	0.0	0.0
1047+00.00	TO	1048+00.00	75.2	63.9	58.5	16.3	47.6	0.0	0.0	0.0	0.0	0.0
1048+00.00	TO	1049+00.00	74.8	63.6	58.5	16.1	47.5	0.0	0.0	0.0	0.0	0.0
1049+00.00	TO	1050+00.00	74.1	63.0	58.5	15.2	47.8	0.0	0.0	0.0	0.0	0.0
1050+00.00	TO	1051+00.00	75.0	63.8	58.5	14.3	49.5	0.0	0.0	0.0	0.0	0.0
1051+00.00	TO	1052+00.00	81.7	69.4	58.5	9.3	60.2	0.0	0.0	0.0	0.0	0.0
1052+00.00	TO	1053+00.00	85.6	72.7	58.5	3.0	69.8	0.0	0.0	0.0	0.0	0.0
1053+00.00	TO	1054+00.00	90.4	76.8	58.5	0.2	76.6	0.0	0.0	0.0	0.0	0.0
1054+00.00	TO	1055+00.00	91.9	78.1	60.4	0.0	78.1	0.0	0.0	0.0	0.0	0.0
1055+00.00	TO	1056+00.00	86.3	73.4	62.2	0.2	73.2	0.0	0.0	0.0	0.0	0.0
1056+00.00	TO	1057+00.00	81.1	68.9	62.8	2.6	66.4	0.0	0.0	11.9	8.1	-8.1
1057+00.00	TO	1057+30.00	23.2	19.7	19.0	1.5	18.2	0.0	0.0	8.1	6.3	-6.3
1057+30.00	TO	1057+60.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	7.1	-7.1
1057+60.00	TO	1058+00.00	34.1	29.0	25.0	0.5	28.5	0.0	0.0	5.6	4.3	-4.3
1058+00.00	TO	1059+00.00	90.7	77.1	62.0	0.0	77.1	0.0	0.0	0.0	0.0	0.0
1059+00.00	TO	1060+00.00	82.6	70.2	60.2	8.1	62.1	0.0	0.0	0.0	0.0	0.0
1060+00.00	TO	1061+00.00	70.9	60.3	58.5	17.2	43.1	0.0	0.0	0.0	0.0	0.0
1061+00.00	TO	1062+00.00	69.8	59.3	58.5	18.0	41.4	0.0	0.0	0.0	0.0	0.0
1062+00.00	TO	1063+00.00	68.1	57.9	61.5	16.3	41.6	0.0	0.0	0.0	0.0	0.0
1063+00.00	TO	1064+00.00	70.4	59.8	63.7	9.6	50.2	44.4	37.8	45.6	0.4	37.4
1064+00.00	TO	1065+00.00	84.4	71.8	60.7	2.4	69.4	139.6	118.7	101.3	13.3	105.4
1065+00.00	TO	1066+00.00	115.2	97.9	58.5	0.2	97.7	203.9	173.3	112.4	15.6	157.8
1066+00.00	TO	1066+60.00	95.0	80.8	35.1	0.0	80.8	138.0	117.3	56.3	5.3	112.0
1066+60.00	TO	1067+00.00	36.1	30.7	11.7	0.0	30.7	78.9	67.1	35.1	3.0	64.0
1067+00.00	TO	1068+00.00	0.0	0.0	0.0	0.0	0.0	161.1	136.9	94.8	8.9	128.1
TOTALS			14,642	12,446	11,117	2,259	10,187	3,417	2,904	1,917	514	2,390

SUMMARY						
	20200100		20201200		20400800	
STAGE	EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION
1	14,642	12,446	11,117	2,259	10,187	0
2	3,417	2,904	1,917	514	2,390	0
TOTAL	18,059	15,350	13,034	2,773	12,577	0

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TREE REMOVAL (6 TO 15 UNIT DIAMETER) (20100110)		
LOCATION		UNIT
STATION	AMOUNT	
911+54	1	10
911+83	1	8
913+28	1	8
914+53	1	6
915+64	1	10
930+10	4	8
938+20	2	6
921+10	2	6
TOTAL		98

STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2" (31200502)				
FROM STA.	TO STA.	LENGTH (FT)	WIDTH (FT)	SQ YD
882+50	897+74	1524	27	4572
899+83	937+26	3743	27	11229
937+26	938+04	78	24	208
938+04	1066+60	12856	27	38568
TOTAL				54580

PAVEMENT REMOVAL (44000100)		
LOCATION		SQUARE YARD
STATION	STATION	
896+44	897+29	61
896+44	897+65	87
899+92	901+13	87
900+26	901+13	63
937+04	937+40	25
946+41	946+65	75
1019+66	1019+94	21
1020+10	1020+45	25
TOTAL		445

BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) (42001420)					
LT / RT	FROM STA.	TO STA.	LENGTH (FT)	WIDTH (FT)	SQ YD
RT	896+44	897+42	89	18.5	182
LT	896+44	897+65	111	18.5	229
RT	899+92	901+13	111	18.5	229
LT	900+14	901+13	89	18.5	183
TOTAL					823

PORTLAND CEMENT CONCRETE SHOULDERS 12-1/4" (48300705)					
LT / RT	FROM STA.	TO STA.	LENGTH (FT)	WIDTH (FT)	SQ YD
LT	882+50	897+82	1532	12	2043
RT	882+50	897+66	1516	12	2021
LT	899+91	1066+60	16669	12	22225
RT	899+75	1066+60	16685	12	22247
TOTAL					48536

CONCRETE HEADWALL REMOVAL (50104400)				
Station	Location	Type	Volume (cu yd)	Each
992+95	160.7' RT	24" CONC	1	1
TOTAL				1

REMOVING CATCH BASINS (60500050)		
LOCATION	EACH	
887+95	1	
888+78	1	
962+26	1	
1004+07	1	
1015+95	1	
1053+83	1	
1066+00	1	
TOTAL		7

REMOVING INLETS (60500060)		
LOCATION	EACH	
901+32	1	
979+62	1	
1014+88	1	
1029+31	1	
TOTAL		4

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6-FOOT POSTS (6300001)				
FROM STATION	L/R	TO STATION	L/R	LENGTH (FOOT)
EASTBOUND LANES				
931+94.35	R	935+94.35	R	400.0
1011+93.57	R	1016+56.07	R	462.5
TOTAL				862.5

STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL) (63000130)				
FROM STATION	L/R	TO STATION	L/R	LENGTH (FOOT)
WESTBOUND LANES				
1056+65.80	L	1057+03.30	L	37.5
TOTAL				37.5

TRAFFIC BARRIER TERMINAL, TYPE 6B (63100089)		
FROM STATION	L/R	EACH
WESTBOUND LANES		
EASTBOUND LANES		
935+94.35	R	1
1016+56.07	R	1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT (63100167)		
FROM STATION	L/R	EACH
WESTBOUND LANES		
1057+03.30	L	1
EASTBOUND LANES		
931+44.35	R	1
1011+43.57	R	1
TOTAL		3

GUARDRAIL REMOVAL (63200310)				
FROM STATION	L/R	TO STATION	L/R	LENGTH (FOOT)
WESTBOUND LANES				
1056+65.80	L	1057+15.80	L	50.0
EASTBOUND LANES				
935+55.22	R	936+37.50	R	82.3
1016+16.47	R	1016+99.22	R	82.8
MEDIAN				
894+29.24		897+43.53		314.3
894+88.22		897+76.43		288.2
899+79.47		902+97.96		318.5
945+25.90		946+06.67		80.8
946+99.30		947+81.02		81.7
TOTAL				1298.5

CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (63700175)			
LOCATION	STATION	LENGTH	
EB / WB	936+94.68	938+35.28	141
TOTAL		141	

CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL) (63700279)			
LOCATION	STATION	LENGTH	
EB	936+94.68	938+35.28	141
TOTAL		141	

CONCRETE BARRIER TRANSITION (63700805)		
LOCATION	STATION	LENGTH
936+50	936+95	45
938+35	938+80	45
1019+38	1019+80	42
1020+25	1020+67	42
TOTAL		174

SHOULDER RUMBLE STRIP (64200105)			
LT / RT	STATION	STATION	LENGTH
RT	882+50	896+90	1440
RT	882+50	897+31	1481
LT	900+25	1066+60	16635
RT	900+00	1066+60	16660
RT	899+60	961+00	6140
RT	974+00	1000+10	2610
RT	1020+00	1066+60	4660
TOTAL			49630

PERMANENT SURVEY MARKERS (66700095)		
LOCATION	STATION	EACH
PC	913+07.61	1
PT	928+54.11	1
PC	947+05.35	1
PT	968+01.41	1
TOTAL		4

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USER NAME = ccornewell	DESIGNED - CRC	REVISED -
PLOT SCALE = 1:8000 / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
SCHEDULES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	20
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

RELOCATE TEMPORARY CONCRETE BARRIER (70400200)				
LOCATION			LENGTH	
STATION	STATION	L/R		
STAGE I				
893+40	902+00	EB	860	
895+40	904+00	WB	860	
STAGE II				
894+03	902+90	EB	887	
894+67	903+51	WB	884	
TOTAL			3500	

RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED) (70400600)				
LOCATION			FOOT	
STATION	STATION	L/R		
STAGE I				
882+50	1066+60	EB	18410	
TOTAL			18410	

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4" (78008210)				
LOCATION			FOOT	
STATION	STATION	L/R		
SOLID LINE				
882+50	1074+75	R	19225	
882+50	1074+75	L	19225	
882+50	1074+75	L	19225	
882+50	960+82	R	7832	
973+75	1012+25	R	3850	
1019+71	1074+75	R	5504	
2 FT DASH, 6 FT SKIP				
960+82	967+63	R	170	
TOTAL			75031	

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 5" (78008220)				
LOCATION			FOOT	
STATION	STATION	L/R		
10 FT DASH, 30 FT SKIP				
882+50	1074+75	L	4806	
882+50	1074+75	L	4806	
882+50	1074+75	R	4806	
882+50	1074+75	R	4806	
TOTAL			19225	

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8" (78008240)				
LOCATION			FOOT	
STATION	STATION	L/R		
960+82	973+75	R	1293	
967+63	973+75	R	612	
967+63	973+75	R	612	
1000+40	1019+71	R	1931	
1000+53	1012+25	R	1172	
1000+53	1012+25	R	1172	
TOTAL			6792	

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12" (78008250)				
LOCATION			FOOT	
STATION	STATION	L/R		
SHOULDERS				
882+50	1074+75	R	1192	
882+50	1074+75	L	1192	
GORE AREAS				
967+63	973+75	R	454	
1000+40	1012+25	R	790	
TOTAL			3628	

REMOVE CONCRETE FLARED END SECTIONS (X0322118)				
Station	Location	Size	Each	
897+41	3.5' RT	12" CMP	1	
897+71	3.6' RT	12" CMP	1	
899+86	3.9' RT	12" CMP	1	
900+14	4.4' RT	12" CMP	1	
940+47	CL	24" CONC	1	
940+47	71.5' 5T	24" CONC	1	
946+22	CL	15" CONC	1	
946+84	CL	15" CONC	1	
992+96	CL	24" CONC	1	
TOTAL			9	

GRADING AND SHAPING SHOULDERS (X2020110)				
LOCATION		LOCATION	UNIT	
STATION	STATION			
908+70	930+98	EB	2228	
911+15	936+23	WB	2508	
939+10	966+83	EB	2773	
940+73	1019+83	WB	7910	
969+26	1010+98	EB	4172	
1020+19	1045+47	EB	2528	
1024+22	1053+63	WB	2941	
1048+24	1066+60	EB	1836	
1058+00	1066+60	WB	860	
TOTAL			/ 100	278

REMOVE EXISTING CULVERTS (X5015200)				
Station	Location	Type	Length (Feet)	EACH
888+09	Median	15" CONC	23	1
888+66	Median	15" CONC	23	1
897+41	9.5' RT	12" CMP	12	1
897+71	8.5' LT	12" CMP	10	1
899+86	8.7' RT	12" CMP	10	1
900+14	9.4' LT	12" CMP	10	1
946+53	Median	15" CONC	57	1
962+11	Median	15" CONC	26	1
979+54	Median	15" CONC	14	1
1004+00	Median	18" CMP	11	1
1014+93	Median	24" CONC	6	1
1015+44	Median	12" CONC	97	1
1029+35	Median	18" CMP	12	1
1053+89	Median	15" CONC	12	1
1066+10	Median	24" CONC	60	1
TOTAL				15

AGGREGATE SUBGRADE 12" (Z0001050)				
FROM STA.	TO STA.	LENGTH (FT)	WIDTH (FT)	SQ YD
882+50	897+74	1524	25.333	4290
899+83	937+26	3743	25.333	10535
937+26	938+04	79	22.333	195
938+04	1066+60	12856	25.333	36186
TOTAL				51206

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USER NAME = jkelliman	DESIGNED - CRC	REVISED -
PLOT SCALE = 1:2000 / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
SCHEDULES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	21
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

CONCRETE HEADWALL FOR PIPE UNDERDRAIN REMOVAL (Z0012710)	
LOCATION	EACH
STATION	
886+00	1
891+00	2
895+00	1
896+00	1
901+00	1
901+25	1
906+00	2
911+00	2
916+00	1
921+00	1
925+00	1
928+50	1
930+00	1
934+00	1
935+00	1
940+00	2
949+00	1
959+00	1
967+00	1
969+00	1
975+00	1
980+00	2
985+00	2
990+00	1
995+00	1
1000+00	2
1005+00	2
1010+00	2
1016+00	1
1022+00	2
1025+00	1
1027+00	1
1030+00	1
1035+00	1
1037+00	1
1040+00	1
1042+00	1
1045+00	1
1047+00	1
1052+00	1
1055+00	1
1057+00	1
1059+00	1
1062+50	1
1063+00	1
CONTINGENCY	6
TOTAL	61

CULVERTS TO BE CLEANED (Z0014800)			
Station	Location	Type	Length (Feet)
934+99	Median	48" RCP	233
961+98	Median	26" CONC	177
979+47	Median	36" CONC	275
1003+95	Median	36" CONC	209
1014+96	Median	36" CONC	176
1029+43	Median	42" CONC	203
1053+95	Median	36" CONC	176
1053+95	Median	36" CONC	176
TOTAL			1625

SAND MODULE IMPACT ATTENUATOR TO BE REMOVED (Z0056220)	
LOCATION	EACH
STATION	
937+35	1
1019+90	1
TOTAL	2

FILLING EXISTING CULVERTS (Z0023600)				
Station	Location	Type	Length (Feet)	Each
940+47	EB	24" CONC	68	1
992+95	EB	24" CONC	156	1
TOTAL				2

IMPACT ATTENUATOR REMOVAL (Z0029999)	
LOCATION	EACH
STATION	
1066+50	1
TOTAL	1

IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 (Z0030030)	
LOCATION	EACH
STATION	
946+00	1
946+90	1
TOTAL	2

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 (Z0030250)	
LOCATION	EACH
STATION	
STAGE I	
969+40	1
1068+27	1
1061+34	1
STAGE II	
893+40	1
904+00	1
TOTAL	5

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USER NAME = coornwell	DESIGNED - CRC	REVISED -
PLOT SCALE = 1,0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
SCHEDULES


SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	22
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
289 - MH	MH TA 4 DIA T20 F&G	883+00	1.5' LT	690.65		681.07	681.07	
290 - CB	CB TA 4 DIA T20 F&G	883+00	1.5' RT	690.63	681.12			
291 - STR.	NOT USED							
292 - MH	MH TA 5 DIA T20 F&G	885+50	1.5' LT	687.82		680.32	678.82	680.32
293 - CB	CB TA 4 DIA T20 F&G	885+50	1.5' RT	687.80	680.37			
294 - MH	MH TA 5 DIA T20 F&G	888+00	1.5' LT	685.76		678.07	677.57	678.07
294A - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	889+15	1.5' LT	685.28		677.23	677.23	
294B - MH	MH TA 5 DIA T1F CL	889+40	79.0' LT	681.40	668.75	675.75		
294C - MH	MH TA 5 DIA T1F CL	889+40	93.6' LT	674.29	661.64	668.64		
294D - MH	MH TA 5 DIA T1F CL	889+40	107.8' LT	667.19	654.54	661.54		
294E - MH	MH TA 5 DIA T1F CL	889+40	122.0' LT	660.09	649.76	654.44		
295 - CB	CB TA 4 DIA T20 F&G	888+00	1.5' RT	685.71	678.12			
296 - MH	MH TA 6 DIA T20 F&G	889+40	1.5' LT	685.18	676.45	677.15	676.45	677.15
296A - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	889+65	1.5' LT	685.09		676.50	676.50	
297 - CB	CB TA 4 DIA T20 F&G	889+40	1.5' RT	685.15	677.20			
298 - MH	MH TA 5 DIA T21 F&G	890+90	1.5' LT	684.60		676.75	676.75	676.75
299 - CB	CB TA 4 DIA T21 F&G	890+90	1.5' RT	684.59	676.80			
300 - MH	MH TA 5 DIA T21 F&G	891+00	1.5' LT	684.56		676.77	676.77	676.77
301 - CB	CB TA 4 DIA T21 F&G	891+00	1.5' RT	684.56	676.82			
302 - MH	MH TA 5 DIA T21 F&G	891+10	1.5' LT	684.60		676.80	676.80	676.80
303 - CB	CB TA 4 DIA T21 F&G	891+10	1.5' RT	684.59	676.85			
304 - MH	MH TA 5 DIA T20 F&G	892+50	1.5' LT	684.73		677.22	677.22	677.22
305 - CB	CB TA 4 DIA T20 F&G	892+50	1.5' RT	684.67	677.27			
306 - MH	MH TA 5 DIA T20 F&G	893+50	1.5' LT	685.09		679.02	679.02	677.52
307 - CB	CB TA 4 DIA T20 F&G	893+50	1.5' RT	685.02	679.07			
308 - MH	MH TA 5 DIA T20 F&G	895+50	1.5' LT	685.80		680.12	680.12	679.62
309 - CB	CB TA 4 DIA T20 F&G	895+50	1.5' RT	685.72	680.17			
310 - MH	MH TA 4 DIA T20 F&G	897+20	1.5' LT	686.41		680.63	680.63	680.63
311 - CB	CB TA 4 DIA T20 F&G	897+20	1.5' RT	686.32	680.68			
312 - MH	MH TA 5 DIA T20 F&G	900+50	1.5' LT	686.88		680.36	680.36	
313 - CB	CB TA 4 DIA T20 F&G	900+50	1.5' RT	686.87	680.41			
314 - MH	MH TA 6 DIA T20 F&G	902+00	1.5' LT	687.42		678.33	678.33	679.91
314A - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	902+25	1.5' LT	687.51		678.40	678.40	
315 - MH	MH TA 5 DIA T20 F&G	902+00	1.5' RT	687.39	678.28	675.35		
315A - MH	MH TA 5 DIA T1F CL	902+00	85.7' RT	680.24	674.58	667.58		
315B - MH	MH TA 5 DIA T1F CL	902+00	101.1' RT	673.13	667.47	660.47		
315C - MH	MH TA 5 DIA T1F CL	902+00	116.5' RT	666.01	660.36	655.91		
316 - MH	MH TA 6 DIA T20 F&G	903+00	1.5' LT	687.77		678.63	678.63	678.63
317 - CB	CB TA 4 DIA T20 F&G	903+00	1.5' RT	687.74	678.68			
318 - MH	MH TA 6 DIA T20 F&G	904+50	1.5' LT	687.95		679.08	679.08	679.08
319 - CB	CB TA 4 DIA T20 F&G	904+50	1.5' RT	687.91	679.13			
320 - MH	MH TA 6 DIA T20 F&G	906+00	1.5' LT	688.17		679.53	679.53	679.53
321 - CB	CB TA 4 DIA T20 F&G	906+00	1.5' RT	688.20	679.58			
322 - MH	MH TA 6 DIA T20 F&G	908+00	1.5' LT	688.88		680.13	680.13	680.13
323 - CB	CB TA 4 DIA T20 F&G	908+00	1.5' RT	688.92	680.18			
324 - STR.	NOT USED							
325 - MH	MH TA 5 DIA T20 F&G	909+50	1.5' LT	689.41		681.08	681.08	680.58
326 - CB	CB TA 4 DIA T20 F&G	909+50	1.5' RT	689.10	681.13			
327 - MH	MH TA 5 DIA T20 F&G	912+00	1.5' LT	690.44		681.83	681.83	681.83
328 - CB	CB TA 4 DIA T20 F&G	912+00	1.5' RT	690.01	681.88			
329 - MH	MH TA 5 DIA T20 F&G	914+00	1.5' LT	691.64		682.43	682.43	682.43
330 - CB	CB TA 4 DIA T20 F&G	914+00	1.7' RT	689.95	682.48			
331 - MH	MH TA 5 DIA T21 F&G	914+90	1.5' LT	692.01		682.70	682.70	682.70
332 - CB	CB TA 4 DIA T21 F&G	914+90	1.7' RT	690.27	682.75			
333 - MH	MH TA 5 DIA T21 F&G	915+00	1.5' LT	692.04		682.73	682.73	682.73
334 - CB	CB TA 4 DIA T21 F&G	915+00	1.7' RT	690.30	682.78			
335 - MH	MH TA 5 DIA T21 F&G	915+10	1.5' LT	692.08		682.76	682.76	682.76
336 - CB	CB TA 4 DIA T21 F&G	915+10	1.7' RT	690.34	682.81			
337 - MH	MH TA 5 DIA T20 F&G	916+30	1.5' LT	692.52		683.12	683.12	683.12

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
338 - CB	CB TA 4 DIA T20 F&G	916+30	1.5' RT	690.76	683.17			
339 - MH	MH TA 5 DIA T20 F&G	917+50	1.5' LT	692.60		683.98	683.98	683.48
340 - CB	CB TA 4 DIA T20 F&G	917+50	1.7' RT	690.82	684.03			
341 - MH	MH TA 5 DIA T20 F&G	918+20	1.5' LT	692.85		684.19	684.19	684.19
342 - CB	CB TA 4 DIA T20 F&G	918+20	1.7' RT	691.07	684.24			
343 - MH	MH TA 5 DIA T20 F&G	919+50	1.5' LT	693.32		685.08	685.08	684.58
344 - CB	CB TA 4 DIA T20 F&G	919+50	1.7' RT	691.53	685.13			
345 - MH	MH TA 5 DIA T20 F&G	920+70	1.5' LT	693.75		685.44	685.44	685.44
346 - CB	CB TA 4 DIA T20 F&G	920+70	1.7' RT	691.95	685.49			
347 - MH	MH TA 5 DIA T20 F&G	922+00	1.5' LT	693.87		685.83	685.83	685.83
348 - CB	CB TA 4 DIA T20 F&G	922+00	1.7' RT	692.04	685.88			
349 - MH	MH TA 5 DIA T20 F&G	923+50	1.5' LT	694.40		686.28	686.28	686.28
350 - CB	CB TA 4 DIA T20 F&G	923+50	1.7' RT	692.66	686.33			
351 - MH	MH TA 5 DIA T20 F&G	925+50	1.5' LT	694.77		687.37	687.37	686.88
352 - CB	CB TA 4 DIA T20 F&G	925+50	1.7' RT	693.10	687.42			
353 - MH	MH TA 5 DIA T20 F&G	927+50	1.5' LT	695.28		687.97	687.97	687.97
354 - CB	CB TA 4 DIA T20 F&G	927+50	1.7' RT	693.95	688.02			
355 - MH	MH TA 5 DIA T20 F&G	928+20	1.5' LT	695.53		688.67	688.67	688.18
356 - CB	CB TA 4 DIA T20 F&G	928+20	1.6' RT	694.39	688.72			
357 - MH	MH TA 4 DIA T20 F&G	929+00	1.5' LT	695.31		688.91	688.91	688.91
358 - CB	CB TA 4 DIA T20 F&G	929+00	1.6' RT	694.79	688.96			
359 - MH	MH TA 4 DIA T20 F&G	931+00	1.5' LT	696.06		690.24	690.24	689.51
360 - CB	CB TA 4 DIA T20 F&G	931+00	1.5' RT	695.98	690.29			
361 - MH	MH TA 4 DIA T20 F&G	933+00	1.5' LT	697.66		690.84	690.84	690.84
362 - CB	CB TA 4 DIA T20 F&G	933+00	1.5' RT	697.49	690.89			
363 - MH	MH TA 6 DIA T20 F&G	934+99	1.5' LT	699.54	690.92	690.92	692.19	
364 - MH	MH TA 5 DIA T20 F&G	935+50	1.5' LT	700.00		692.44	692.44	692.44
365 - CB	CB TA 4 DIA T20 F&G	935+50	1.5' RT	699.63	692.49			
366 - MH	MH TA 5 DIA T20 F&G	937+00	2.1' LT	701.41		693.19	693.19	693.19
366A - MH	MH TA 5 DIA T20 F&G	938+20	2.3' LT	702.52		696.82	696.82	696.82
366B - MH	MH TA 5 DIA T20 F&G	938+20	2.3' RT	702.04	696.75	696.75		
367 - CB	CB TA 4 DIA T20 F&G	937+00	2.2' RT	700.83	693.24			
368 - MH	MH TA 5 DIA T20 F&G	939+50	1.5' LT	703.73		697.21	697.21	697.21
369 - CB	CB TA 4 DIA T20 F&G	939+50	1.6' RT	703.12	697.26			
370 - MH	MH TA 5 DIA T20 F&G	940+50	1.5' LT	704.66		697.51	697.51	697.51
371 - CB	CB TA 4 DIA T20 F&G	940+50	1.6' RT	703.99	697.56			
372 - MH	MH TA 5 DIA T20 F&G	942+00	1.5' LT	706.05		699.05	699.05	697.96
373 - CB	CB TA 4 DIA T20 F&G	942+00	1.6' RT	705.34	699.10			
374 - MH	MH TA 5 DIA T20 F&G	944+50	1.5' LT	708.36		701.85	701.85	699.80
375 - CB	CB TA 4 DIA T20 F&G	944+50	1.6' RT	707.56	701.90			
376 - MH	MH TA 5 DIA T20 F&G	947+00	1.5' LT	710.53		704.00	704.00	702.60
377 - CB	CB TA 4 DIA T20 F&G	947+00	1.5' RT	710.66	704.05			
378 - MH	MH TA 5 DIA T20 F&G	949+50	1.6' LT	712.25		705.70	705.70	704.75
379 - CB	CB TA 4 DIA T20 F&G	949+50	1.5' RT	713.28	705.75			
380 - MH	MH TA 5 DIA T20 F&G	952+00	1.6' LT	714.52		708.25	708.25	706.45
381 - CB	CB TA 4 DIA T20 F&G	952+00	1.5' RT	715.53	708.30			
382 - MH	MH TA 5 DIA T20 F&G	954+50	1.6' LT	716.59		710.30	710.30	709.00
383 - CB	CB TA 4 DIA T20 F&G	954+50	1.5' RT	717.65	710.35			
384 - MH	MH TA 5 DIA T20 F&G	957+00	1.6' LT	718.79		712.75	712.75	711.05
385 - CB	CB TA 4 DIA T20 F&G	957+00	1.5' RT	719.82	712.80			
386 - MH	MH TA 4 DIA T20 F&G	958+80	1.6' LT	720.33		714.55	714.55	713.29
387 - CB	CB TA 4 DIA T20 F&G	958+80	1.5' RT	721.39	714.60			
388 - MH	MH TA 4 DIA T20 F&G	960+50	1.6' LT	721.83		716.05	716.05	715.06
389 - CB	CB TA 4 DIA T20 F&G	960+50	1.5' RT	722.92	716.10			
390 - MH	MH TA 4 DIA T20 F&G	961+75	1.6' LT	722.90		716.42	716.42	716.42
391 - CB	CB TA 4 DIA T20 F&G	961+75	1.5' RT	723.97	716.47			
392 - MH	MH TA 5 DIA T20 F&G	964+25	1.6' LT	725.06	718.50	718.50	718.50	
393 - CB	CB TA 4 DIA T20 F&G	964+25	1.5' RT	726.14	718.55			
394 - MH	MH TA 5 DIA T20 F&G	966+75	1.6' LT	727.22		720.70	720.70	719.75

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 Giorgio Group, Inc. CONSULTING ENGINEERS <small>8507 North Campbell Avenue, Suite 402 Chicago, Illinois 60654 Tel: 773.775.4000 Fax: 773.775.4014 Email: cgroup@giorgio.com</small>	USER NAME = jk,jellman PLOT SCALE = 1.0000' / IN. PLOT DATE = 10/28/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 DRAINAGE SCHEDULES	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 99(5&5-1) Y-1 WILL 309 23 CONTRACT NO. 60M59 [ILLINOIS] FED. AID PROJECT
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PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
287-PIPE	NOT USED								
289-PIPE	NOT USED								
290	290 - CB	289 - MH	SS CL A T2 12	5	12	681.12	681.07	1.00%	5
291	289 - MH	292 - MH	SS CL A T2 18	250	18	681.07	680.32	0.30%	234
292	292 - MH	294 - MH	SS CL A T2 36	250	36	678.82	678.07	0.30%	228
293	293 - CB	292 - MH	SS CL A T2 12	5	12	680.37	680.32	1.00%	4
294	294 - MH	294A - MH	SS CL A T2 36	115	36	677.57	677.23	0.30%	99
294A	294A - MH	296 - MH	SS CL A T2 36	25	36	677.23	677.15	0.32%	21
294B	296 - MH	294B - MH	STORM SEWERS JKD 42	70	42	676.45	675.75	1.00%	0
294C	294B - MH	294C - MH	STORM SEWERS JKD 42	11	42	668.75	668.64	1.00%	0
294D	294C - MH	294D - MH	STORM SEWERS JKD 42	10	42	661.64	661.54	1.00%	0
294E	294D - MH	294E - MH	STORM SEWERS JKD 42	10	42	654.54	654.44	1.00%	0
294F	294E - MH	104 - HW	STORM SEWERS JKD 42	8	42	649.76	649.69	0.87%	0
295	295 - CB	294 - MH	SS CL A T2 12	5	12	678.12	678.07	1.00%	4
296	298 - MH	296A - MH	SS CL A T2 42	125	42	676.75	676.50	0.20%	105
296A	296A - MH	296 - MH	SS CL A T2 36	25	36	676.50	676.45	0.20%	25
297	297 - CB	296 - MH	SS CL A T2 12	5	12	677.20	677.15	1.00%	4
298	300 - MH	298 - MH	SS CL A T2 36	10	36	676.77	676.75	0.20%	8
299	299 - CB	298 - MH	SS CL A T2 12	5	12	676.80	676.75	1.00%	4
300	302 - MH	300 - MH	SS CL A T2 36	10	36	676.80	676.77	0.30%	8
301	301 - CB	300 - MH	SS CL A T2 12	5	12	676.82	676.77	1.00%	4
302	304 - MH	302 - MH	SS CL A T2 36	140	36	677.22	676.80	0.30%	104
303	303 - CB	302 - MH	SS CL A T2 12	5	12	676.85	676.80	1.00%	4
304	306 - MH	304 - MH	SS CL A T2 36	100	36	677.52	677.22	0.30%	71
305	305 - CB	304 - MH	SS CL A T2 12	5	12	677.27	677.22	1.00%	4
306	308 - MH	306 - MH	SS CL A T2 24	200	24	679.62	679.02	0.30%	64
307	307 - CB	306 - MH	SS CL A T2 12	5	12	679.07	679.02	1.00%	2
308	310 - MH	308 - MH	SS CL A T2 18	170	18	680.63	680.12	0.30%	47
309	309 - CB	308 - MH	SS CL A T2 12	5	12	680.17	680.12	1.00%	1
310	312 - MH	314 - MH	SS CL A T2 24	150	24	680.36	679.91	0.30%	68
311	311 - CB	310 - MH	SS CL A T2 12	5	12	680.68	680.63	1.00%	1
312	316 - MH	314A - MH	SS CL A T2 48	75	48	678.63	678.40	0.31%	78
312A	314A - MH	314 - MH	SS CL A T2 42	25	42	678.40	678.33	0.28%	27
313	313 - CB	312 - MH	SS CL A T2 12	5	12	680.41	680.36	1.00%	2
314	318 - MH	316 - MH	SS CL A T2 48	150	48	679.08	678.63	0.30%	151
315	314 - MH	315 - MH	SS CL A T2 42	5	42	678.33	678.28	1.00%	5
315A	315 - MH	315A - MH	STORM SEWERS JKD 42	77	42	675.35	674.58	1.00%	0
315B	315A - MH	315B - MH	STORM SEWERS JKD 42	11	42	667.58	667.47	1.00%	0
315C	315B - MH	315C - MH	STORM SEWERS JKD 42	11	42	660.47	660.36	1.00%	0
315D	315C - MH	105 - HW	STORM SEWERS JKD 42	8	42	655.91	655.84	0.87%	0
316	320 - MH	318 - MH	SS CL A T2 48	150	48	679.53	679.08	0.30%	141
317	317 - CB	316 - MH	SS CL A T2 12	5	12	678.68	678.63	1.00%	5
318	322 - MH	320 - MH	SS CL A T2 48	200	48	680.13	679.53	0.30%	184
319	319 - CB	318 - MH	SS CL A T2 12	5	12	679.13	679.08	1.00%	5
320-PIPE	NOT USED								
321	321 - CB	320 - MH	SS CL A T2 12	5	12	679.58	679.53	1.00%	5
322-PIPE	NOT USED								
323	323 - CB	322 - MH	SS CL A T2 12	5	12	680.18	680.13	1.00%	5
324	325 - MH	322 - MH	SS CL A T2 42	150	42	680.58	680.13	0.30%	149
325	327 - MH	325 - MH	SS CL A T2 42	250	42	681.83	681.08	0.30%	227
326	326 - CB	325 - MH	SS CL A T2 12	5	12	681.13	681.08	1.00%	4
327	329 - MH	327 - MH	SS CL A T2 42	200	42	682.43	681.83	0.30%	206
328	328 - CB	327 - MH	SS CL A T2 12	5	12	681.88	681.83	1.00%	4
329	331 - MH	329 - MH	SS CL A T2 42	90	42	682.70	682.43	0.30%	101
330	330 - CB	329 - MH	SS CL A T2 12	5	12	682.48	682.43	1.00%	4
331	333 - MH	331 - MH	SS CL A T2 42	10	42	682.73	682.70	0.30%	11
332	332 - CB	331 - MH	SS CL A T2 12	5	12	682.75	682.70	1.00%	4
333	335 - MH	333 - MH	SS CL A T2 42	10	42	682.76	682.73	0.30%	11
334	334 - CB	333 - MH	SS CL A T2 12	5	12	682.78	682.73	1.00%	4

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
335	337 - MH	335 - MH	SS CL A T2 42	120	42	683.12	682.76	0.30%	138
336	336 - CB	335 - MH	SS CL A T2 12	5	12	682.81	682.76	1.00%	4
337	339 - MH	337 - MH	SS CL A T2 42	120	42	683.48	683.12	0.30%	135
338	338 - CB	337 - MH	SS CL A T2 12	5	12	683.17	683.12	1.00%	4
339	341 - MH	339 - MH	SS CL A T2 36	70	36	684.19	683.98	0.30%	69
340	340 - CB	339 - MH	SS CL A T2 12	5	12	684.03	683.98	1.00%	4
341	343 - MH	341 - MH	SS CL A T2 36	130	36	684.58	684.19	0.30%	130
342	342 - CB	341 - MH	SS CL A T2 12	5	12	684.24	684.19	1.00%	4
343	345 - MH	343 - MH	SS CL A T2 30	120	30	685.44	685.08	0.30%	110
344	344 - CB	343 - MH	SS CL A T2 12	5	12	685.13	685.08	1.00%	3
345	347 - MH	345 - MH	SS CL A T2 30	130	30	685.83	685.44	0.30%	116
346	346 - CB	345 - MH	SS CL A T2 12	5	12	685.49	685.44	1.00%	4
347	349 - MH	347 - MH	SS CL A T2 30	150	30	686.28	685.83	0.30%	131
348	348 - CB	347 - MH	SS CL A T2 12	5	12	685.88	685.83	1.00%	3
349	351 - MH	349 - MH	SS CL A T2 30	200	30	686.88	686.28	0.30%	171
350	350 - CB	349 - MH	SS CL A T2 12	5	12	686.33	686.28	1.00%	3
351	353 - MH	351 - MH	SS CL A T2 24	200	24	687.97	687.37	0.30%	145
352	352 - CB	351 - MH	SS CL A T2 12	5	12	687.42	687.37	1.00%	2
353	355 - MH	353 - MH	SS CL A T2 24	70	24	688.18	687.97	0.30%	50
354	354 - CB	353 - MH	SS CL A T2 12	5	12	688.02	687.97	1.00%	2
355	357 - MH	355 - MH	SS CL A T2 18	80	18	688.91	688.67	0.30%	31
356	356 - CB	355 - MH	SS CL A T2 12	5	12	688.72	688.67	1.00%	2
357	359 - MH	357 - MH	SS CL A T2 18	200	18	689.51	688.91	0.30%	75
358	358 - CB	357 - MH	SS CL A T2 12	5	12	688.96	688.91	1.00%	2
359	361 - MH	359 - MH	SS CL A T2 15	200	15	690.84	690.24	0.30%	70
360	360 - CB	359 - MH	SS CL A T2 12	5	12	690.29	690.24	1.00%	1
361	364 - MH	363 - MH	SS CL A T2 30	51	30	692.44	692.19	0.49%	37
362	362 - CB	361 - MH	SS CL A T2 12	5	12	690.89	690.84	1.00%	2
363	366 - MH	364 - MH	SS CL A T2 30	150	30	693.19	692.44	0.50%	124
364	368 - MH	366A - MH	SS CL A T2 30	130	30	697.21	696.82	0.30%	37
365	365 - CB	364 - MH	SS CL A T2 12	5	12	692.49	692.44	1.00%	3
366	370 - MH	368 - MH	SS CL A T2 30	100	30	697.51	697.21	0.30%	41
366A	366B - MH	106 - FES	STORM SEWERS JKD 30	83	30	696.75	696.59	0.19%	0
366B	366A - MH	366B - MH	SS CL A T2 30	7	30	696.82	696.75	1.00%	1
367	367 - CB	366 - MH	SS CL A T2 12	5	12	693.24	693.19	1.00%	4
368	372 - MH	370 - MH	SS CL A T2 30	150	30	697.96	697.51	0.30%	115
369	369 - CB	368 - MH	SS CL A T2 12	5	12	697.26	697.21	1.00%	2
370	374 - MH	372 - MH	SS CL A T2 30	250	30	699.80	699.05	0.30%	201
371	371 - CB	370 - MH	SS CL A T2 12	5	12	697.56	697.51	1.00%	2
372	376 - MH	374 - MH	SS CL A T2 24	250	24	702.60	701.85	0.30%	174
373	373 - CB	372 - MH	SS CL A T2 12	5	12	699.10	699.05	1.00%	2
374	378 - MH	376 - MH	SS CL A T2 24	250	24	704.75	704.00	0.30%	113
375	375 - CB	374 - MH	SS CL A T2 12	5	12	701.90	701.85	1.00%	2
376	380 - MH	378 - MH	SS CL A T2 24	250	24	706.45	705.70	0.30%	179
377	377 - CB	376 - MH	SS CL A T2 12	5	12	704.05	704.00	1.00%	2
378	382 - MH	380 - MH	SS CL A T2 21	250	21	709.00	708.25	0.30%	109
379	379 - CB	378 - MH	SS CL A T2 12	5	12	705.75	705.70	1.00%	3
380	384 - MH	382 - MH	SS CL A T2 21	250	21	711.05	710.30	0.30%	112
381	381 - CB	380 - MH	SS CL A T2 12	5	12	708.30	708.25	1.00%	2
382	386 - MH	384 - MH	SS CL A T2 18	180	18	713.29	712.75	0.30%	69
383	383 - CB	382 - MH	SS CL A T2 12	5	12	710.35	710.30	1.00%	2
384	388 - MH	386 - MH	SS CL A T2 15	170	15	715.06	714.55	0.30%	58
385	385 - CB	384 - MH	SS CL A T2 12	5	12	712.80	712.75	1.00%	2
386	390 - MH	388 - MH	SS CL A T2 15	125	15	716.42	716.05	0.30%	41
387	387 - CB	386 - MH	SS CL A T2 12	5	12	714.60	714.55	1.00%	2
388	392 - MH	107 - FES	STORM SEWERS JKD 24	91	24	718.50	717.83	0.74%	0
389	389 - CB	388 - MH	SS CL A T2 12	5	12	716.10	716.05	1.00%	2
390	394 - MH	392 - MH	SS CL A T2 24	250	24	719.75	718.50	0.50%	113
391	391 - CB	390 - MH	SS CL A T2 12	5	12	716.47	716.42	1.00%	2

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ENGINEERING CONSULTANT

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USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLLOT SCALE = 1:8000 ' / IN.	DRAWN - JMK	REVISED -
PLLOT DATE = 10/29/2010	CHECKED - MRJ	REVISED -
	DATE = 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
DRAINAGE SCHEDULES**


SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
392	396 - MH	394 - MH	SS CL A T2 24	250	24	721.95	720.70	0.50%	174
393	393 - CB	392 - MH	SS CL A T2 12	5	12	718.55	718.50	1.00%	3
394	398 - MH	396 - MH	SS CL A T2 21	250	21	724.85	723.60	0.50%	99
395	395 - CB	394 - MH	SS CL A T2 12	5	12	720.75	720.70	1.00%	3
396	400 - MH	398 - MH	SS CL A T2 18	250	18	727.05	725.80	0.50%	92
397	397 - CB	396 - MH	SS CL A T2 12	5	12	723.65	723.60	1.00%	2
398	402 - MH	400 - MH	SS CL A T2 18	250	18	729.05	727.80	0.50%	86
399	399 - CB	398 - MH	SS CL A T2 12	5	12	725.85	725.80	1.00%	1
400	404 - MH	402 - MH	SS CL A T2 18	225	18	730.18	729.05	0.50%	80
401	401 - CB	400 - MH	SS CL A T2 12	5	12	727.85	727.80	1.00%	1
402	407 - MH	406 - MH	SS CL A T2 12	123	12	730.85	730.48	0.30%	39
403	403 - CB	402 - MH	SS CL A T2 12	5	12	729.10	729.05	1.00%	2
404	409 - MH	407 - MH	SS CL A T2 12	130	12	731.24	730.85	0.30%	38
405	405 - CB	404 - MH	SS CL A T2 12	5	12	730.23	730.18	1.00%	2
406	411 - MH	413 - MH	SS CL A T2 24	210	24	729.54	728.91	0.30%	83
407	413 - MH	415 - MH	SS CL A T2 24	210	24	727.41	726.78	0.30%	178
408	408 - CB	407 - MH	SS CL A T2 12	5	12	730.90	730.85	1.00%	2
409	415 - MH	417 - MH	SS CL A T2 24	210	24	726.28	725.65	0.30%	187
410	410 - CB	409 - MH	SS CL A T2 12	5	12	731.29	731.24	1.00%	1
411	417 - MH	419 - MH	SS CL A T2 30	220	30	725.65	724.99	0.30%	182
412	412 - CB	411 - MH	SS CL A T2 12	5	12	729.59	729.54	1.00%	2
413	419 - MH	421 - MH	SS CL A T2 30	150	30	724.99	724.54	0.30%	116
414	414 - CB	413 - MH	SS CL A T2 12	5	12	728.96	728.91	1.00%	2
415	421 - MH	423 - MH	SS CL A T2 30	250	30	723.54	722.79	0.30%	233
416	416 - CB	415 - MH	SS CL A T2 12	5	12	726.83	726.78	1.00%	4
417	423 - MH	425 - MH	SS CL A T2 30	250	30	722.79	722.04	0.30%	211
418	418 - CB	417 - MH	SS CL A T2 12	5	12	725.70	725.65	1.00%	4
419	425 - MH	427 - MH	SS CL A T2 36	250	36	722.04	721.29	0.30%	184
420	420 - CB	419 - MH	SS CL A T2 12	5	12	725.04	724.99	1.00%	4
421	427 - MH	427A - MH	SS CL A T2 36	170	36	721.29	720.78	0.30%	112
421A	427A - MH	429 - MH	SS CL A T2 30	25	30	720.78	720.70	0.32%	17
422	422 - CB	421 - MH	SS CL A T2 12	5	12	724.59	724.54	1.00%	4
423	430 - MH	432 - MH	SS CL A T2 15	250	15	721.39	720.64	0.30%	80
424	424 - CB	423 - MH	SS CL A T2 12	5	12	722.84	722.79	1.00%	4
425	432 - MH	434 - MH	SS CL A T2 30	250	30	718.89	718.14	0.30%	185
426	426 - CB	425 - MH	SS CL A T2 12	5	12	722.09	722.04	1.00%	4
427	434 - MH	436 - MH	SS CL A T2 36	250	36	718.14	717.39	0.30%	155
428	428 - CB	427 - MH	SS CL A T2 12	5	12	721.34	721.29	1.00%	4
429	436 - MH	438 - MH	SS CL A T2 36	250	36	717.39	716.65	0.30%	91
430	438 - MH	438A - MH	SS CL A T2 36	25	36	716.65	716.57	0.32%	8
430A	438A - MH	440 - MH	SS CL A T2 36	21	36	716.57	716.51	0.29%	7
431	431 - CB	430 - MH	SS CL A T2 12	5	12	721.44	721.39	1.00%	2
432	441 - MH	440A - MH	SS CL A T2 18	180	18	717.12	716.51	0.34%	50
432A			STORM SEWERS JKD 36	89	36	716.51	716.03	0.54%	0
432B			STORM SEWERS JKD 36	81	36	717.03	716.51	0.64%	0
433	433 - CB	432 - MH	SS CL A T2 12	5	12	720.69	720.64	1.00%	1
434	443A - MH	443B - MH	SS CL A T2 24	67	24	714.31	714.09	0.33%	29
434A	443 - MH	443A - MH	SS CL A T2 24	17	24	714.35	714.31	0.24%	7
434B	443B - MH	445 - MH	SS CL A T2 24	17	24	714.09	714.05	0.24%	7
435	435 - CB	434 - MH	SS CL A T2 12	5	12	718.19	718.14	1.00%	3
436	445 - MH	447 - MH	SS CL A T2 24	150	24	713.30	712.85	0.30%	104
437	437 - CB	436 - MH	SS CL A T2 12	5	12	717.44	717.39	1.00%	2
438	447 - MH	449 - MH	SS CL A T2 36	250	36	711.85	711.10	0.30%	204
439	439 - CB	438 - MH	SS CL A T2 12	5	12	716.70	716.65	1.00%	2
440	449 - MH	451 - MH	SS CL A T2 36	250	36	711.10	710.35	0.30%	182
441	451 - MH	453 - MH	SS CL A T2 36	200	36	710.35	709.75	0.30%	128
442	442 - CB	441 - MH	SS CL A T2 12	5	12	717.17	717.12	1.00%	1
443	453 - MH	453A - MH	SS CL A T2 36	20	36	709.75	709.69	0.30%	12
443A	453A - MH	455 - MH	SS CL A T2 36	23	36	709.69	709.62	0.30%	14

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
444	444 - CB	443 - MH	SS CL A T2 12	5	12	714.40	714.35	1.00%	2
445	456 - MH	458 - MH	SS CL A T2 15	200	15	709.73	709.13	0.30%	75
446	446 - CB	445 - MH	SS CL A T2 12	5	12	714.10	714.05	1.00%	2
447	458 - MH	460 - MH	SS CL A T2 18	250	18	708.88	708.13	0.30%	93
448	448 - CB	447 - MH	SS CL A T2 12	5	12	712.90	712.85	1.00%	3
449	460 - MH	462 - MH	SS CL A T2 18	250	18	708.13	707.38	0.30%	82
450	450 - CB	449 - MH	SS CL A T2 12	5	12	711.15	711.10	1.00%	4
451	462 - MH	464 - MH	SS CL A T2 24	250	24	705.38	704.63	0.30%	201
452	452 - CB	451 - MH	SS CL A T2 12	5	12	710.40	710.35	1.00%	3
453	464 - MH	466 - MH	SS CL A T2 24	250	24	704.63	703.88	0.30%	185
454	454 - CB	453 - MH	SS CL A T2 12	5	12	709.80	709.75	1.00%	3
455	466 - MH	468 - MH	SS CL A T2 30	250	30	703.38	702.63	0.30%	190
456	468 - MH	470 - MH	SS CL A T2 30	250	30	702.63	701.88	0.30%	170
457	457 - CB	456 - MH	SS CL A T2 12	5	12	709.78	709.73	1.00%	2
458	470 - MH	472 - MH	SS CL A T2 30	250	30	700.63	699.88	0.30%	219
459	459 - CB	458 - MH	SS CL A T2 12	5	12	709.18	709.13	1.00%	2
460	472 - MH	474 - MH	SS CL A T2 36	250	36	699.38	698.63	0.30%	221
461	461 - CB	460 - MH	SS CL A T2 12	5	12	708.18	708.13	1.00%	2
462	474 - MH	462A	SS CL A T2 36	150	36	695.63	695.18	0.30%	230
462A	462	476 - MH	STORM SEWERS JKD 36	100	36	695.18	694.88	0.30%	0
463	463 - CB	462 - MH	SS CL A T2 12	5	12	707.43	707.38	1.00%	1
464	476 - MH	478 - MH	SS CL A T2 36	250	36	694.88	694.13	0.30%	320
465	465 - CB	464 - MH	SS CL A T2 12	5	12	704.68	704.63	1.00%	4
466	478 - MH	480 - MH	SS CL A T2 36	250	36	694.13	693.38	0.30%	248
467	467 - CB	466 - MH	SS CL A T2 12	5	12	703.93	703.88	1.00%	3
468	480 - MH	482 - MH	SS CL A T2 48	250	48	692.38	691.63	0.30%	211
469	469 - CB	468 - MH	SS CL A T2 12	5	12	702.68	702.63	1.00%	4
470	482 - MH	484 - MH	SS CL A T2 48	250	48	689.33	688.58	0.30%	287
471	471 - CB	470 - MH	SS CL A T2 12	5	12	701.93	701.88	1.00%	3
472	484 - MH	486 - MH	SS CL A T2 48	100	48	688.58	688.28	0.30%	88
473	473 - CB	472 - MH	SS CL A T2 12	5	12	699.93	699.88	1.00%	4
474	486 - MH	488 - MH	SS CL A T2 48	90	48	688.28	688.01	0.30%	66
475	475 - CB	474 - MH	SS CL A T2 12	5	12	698.68	698.63	1.00%	4
476	488 - MH	490 - MH	SS CL A T2 48	10	48	688.01	687.98	0.30%	7
477	477 - CB	476 - MH	SS CL A T2 12	5	12	694.93	694.88	1.00%	6
478	491 - MH	108 - HW	STORM SEWERS JKD 42	91	42	687.93	687.71	0.24%	0
479	479 - CB	478 - MH	SS CL A T2 12	5	12	694.18	694.13	1.00%	5
480	481 - CB	480 - MH	SS CL A T2 12	5	12	693.43	693.38	1.00%	4
481	483 - CB	482 - MH	SS CL A T2 12	5	12	691.68	691.63	1.00%	4
482	485 - CB	484 - MH	SS CL A T2 12	5	12	688.63	688.58	1.00%	5
483	487 - CB	486 - MH	SS CL A T2 12	5	12	688.33	688.28	1.00%	4
484	489 - CB	488 - MH	SS CL A T2 12	5	12	688.06	688.01	1.00%	4
485	490 - MH	491 - MH	SS CL A T2 48	5	48	687.98	687.93	1.00%	3

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 Clorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4009 Fax: 773.775.4014 Email: clorba@clorba.com	USER NAME = jk.jellison PLOT SCALE = 1:10000' / IN. PLOT DATE = 10/29/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 DRAINAGE SCHEDULES	F.A.I. RTE. 80 SECTION 99(5&5-1) Y-1 COUNTY WILL TOTAL SHEETS 309 SHEET NO. 26	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.						

PIPE UNDERDRAINS, 6"				PIPE UNDERDRAINS, 6"			
DIRECTION	FROM STA.	TO STA.	LENGTH (FT)	DIRECTION	FROM STA.	TO STA.	LENGTH (FT)
WB	882+50	885+50	300	EB	997+00	1002+00	500
EB	882+50	885+50	300	WB	1002+00	1007+00	500
WB	885+50	888+00	250	EB	1002+00	1007+00	500
EB	885+50	888+00	250	WB	1007+00	1012+00	500
WB	888+00	891+00	300	EB	1007+00	1012+00	500
EB	888+00	891+00	300	WB	1012+00	1017+00	500
WB	891+00	895+50	450	EB	1012+00	1017+00	500
EB	891+00	895+50	450	WB	1017+00	1022+00	500
WB	895+50	897+88	238	EB	1017+00	1022+00	500
EB	895+50	897+88	238	WB	1022+00	1027+00	500
WB	899+97	900+50	53	EB	1022+00	1027+00	500
EB	899+97	900+50	53	WB	1027+00	1032+00	500
WB	900+50	903+00	250	EB	1027+00	1032+00	500
EB	900+50	903+00	250	WB	1032+00	1037+00	500
WB	903+00	908+00	500	EB	1032+00	1037+00	500
EB	903+00	908+00	500	WB	1037+00	1042+00	500
WB	908+00	912+00	400	EB	1037+00	1042+00	500
EB	908+00	912+00	400	WB	1042+00	1047+00	500
WB	912+00	915+00	300	EB	1042+00	1047+00	500
EB	912+00	915+00	300	WB	1047+00	1052+00	500
WB	915+00	919+50	450	EB	1047+00	1052+00	500
EB	915+00	919+50	450	WB	1052+00	1053+95	195
WB	919+50	923+50	400	EB	1052+00	1053+95	195
EB	919+50	923+50	400	WB	1053+95	1057+00	305
WB	923+50	927+50	400	EB	1053+95	1057+00	305
EB	923+50	927+50	400	WB	1057+00	1062+00	500
WB	927+50	931+00	350	EB	1057+00	1062+00	500
EB	927+50	931+00	350	WB	1062+00	1066+50	450
WB	931+00	933+00	200	EB	1062+00	1066+50	450
EB	931+00	933+00	200				
WB	933+00	937+00	400				
EB	933+00	937+00	400				
WB	937+00	942+00	500				
EB	937+00	942+00	500				
WB	942+00	947+00	500				
EB	942+00	947+00	500				
WB	947+00	952+00	500				
EB	947+00	952+00	500				
WB	952+00	957+00	500				
EB	952+00	957+00	500				
WB	957+00	961+75	475				
EB	957+00	961+75	475				
WB	961+75	966+75	500				
EB	961+75	966+75	500				
WB	966+75	971+75	500				
EB	966+75	971+75	500				
WB	971+75	976+75	500				
EB	971+75	976+75	500				
WB	976+75	982+00	525				
EB	976+75	982+00	525				
WB	982+00	984+50	250				
EB	982+00	984+50	250				
WB	984+50	988+70	420				
EB	984+50	988+70	420				
WB	988+70	993+00	430				
EB	988+70	993+00	430				
WB	993+00	997+00	400				
EB	993+00	997+00	400				
WB	997+00	1002+00	500				

PIPE UNDERDRAINS, 6" (SPECIAL)				PIPE UNDERDRAINS, 6" (SPECIAL)			
DIRECTION	FROM STA.	STRUCTURE NO.	LENGTH (FT)	DIRECTION	FROM STA.	STRUCTURE NO.	LENGTH (FT)
WB	885+50	292 - MH	6	EB	1007+00	433 - CB	6
EB	885+50	293 - CB	6	WB	1012+00	436 - MH	6
WB	888+00	294 - MH	6	EB	1012+00	437 - CB	6
EB	888+00	295 - CB	6	WB	1017+00	441 - MH	6
WB	891+00	300 - MH	6	EB	1017+00	442 - CB	6
EB	891+00	301 - CB	6	WB	1022+00	447 - MH	6
WB	895+50	308 - MH	6	EB	1022+00	448 - CB	6
EB	895+50	309 - CB	6	WB	1027+00	451 - MH	6
WB	900+50	312 - MH	6	EB	1027+00	452 - CB	6
EB	900+50	313 - CB	6	WB	1032+00	458 - MH	6
WB	903+00	316 - MH	6	EB	1032+00	459 - CB	6
EB	903+00	317 - CB	6	WB	1037+00	462 - MH	6
WB	908+00	322 - MH	6	EB	1037+00	463 - CB	6
EB	908+00	323 - MH	6	WB	1042+00	466 - MH	6
WB	912+00	327 - MH	6	EB	1042+00	467 - CB	6
EB	912+00	328 - CB	6	WB	1047+00	470 - MH	6
WB	915+00	333 - MH	6	EB	1047+00	471 - CB	6
EB	915+00	334 - CB	6	WB	1052+00	474 - MH	6
WB	919+50	343 - MH	6	EB	1052+00	475 - CB	6
EB	919+50	344 - CB	6	WB	1057+00	478 - MH	6
WB	923+50	349 - MH	6	EB	1057+00	479 - CB	6
EB	923+50	350 - CB	6	WB	1062+00	482 - MH	6
WB	927+50	353 - MH	6	EB	1062+00	483 - CB	6
EB	927+50	354 - CB	6	WB	1066+50	490 - MH	6
WB	931+00	359 - MH	6	EB	1066+50	491 - MH	6
EB	931+00	360 - CB	6				
WB	933+00	361 - MH	6				
EB	933+00	362 - CB	6				
WB	937+00	366 - MH	6				
EB	937+00	367 - CB	6				
WB	942+00	372 - MH	6				
EB	942+00	373 - CB	6				
WB	947+00	376 - MH	6				
EB	947+00	377 - CB	6				
WB	952+00	380 - MH	6				
EB	952+00	381 - CB	6				
WB	957+00	384 - MH	6				
EB	957+00	385 - CB	6				
WB	961+75	390 - MH	6				
EB	961+75	391 - CB	6				
WB	966+75	394 - MH	6				
EB	966+75	395 - CB	6				
WB	971+75	398 - MH	6				
EB	971+75	399 - CB	6				
WB	976+75	402 - MH	6				
EB	976+75	403 - CB	6				
WB	982+00	409 - MH	6				
EB	982+00	410 - CB	6				
WB	984+50	411 - MH	6				
EB	984+50	412 - CB	6				
WB	988+70	415 - MH	6				
EB	988+70	416 - CB	6				
WB	993+00	419 - MH	6				
EB	993+00	420 - CB	6				
WB	997+00	423 - MH	6				
EB	997+00	424 - CB	6				
WB	1002+00	427 - MH	6				
EB	1002+00	428 - CB	6				
WB	1007+00	432 - MH	6				

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ENGINEERING CONSULTANT	USER NAME = jkjo11men	DESIGNED - CRC	REVISED -
		DRAWN - JMK	REVISED -
	PLOT SCALE = 1:8000' / IN.	CHECKED - MRJ	REVISED -
	PLOT DATE = 10/28/2010	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

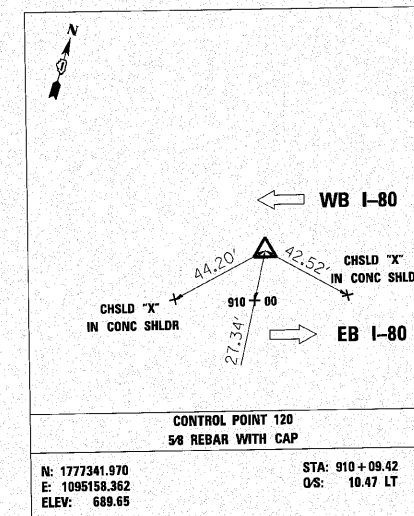
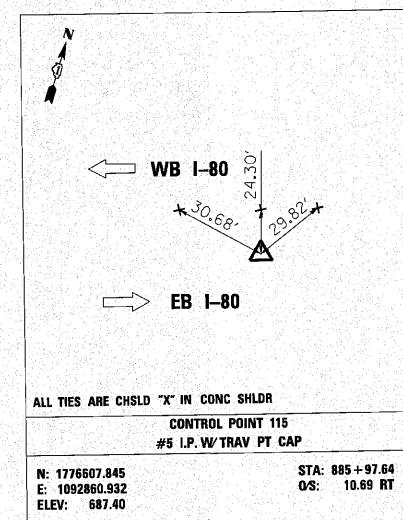
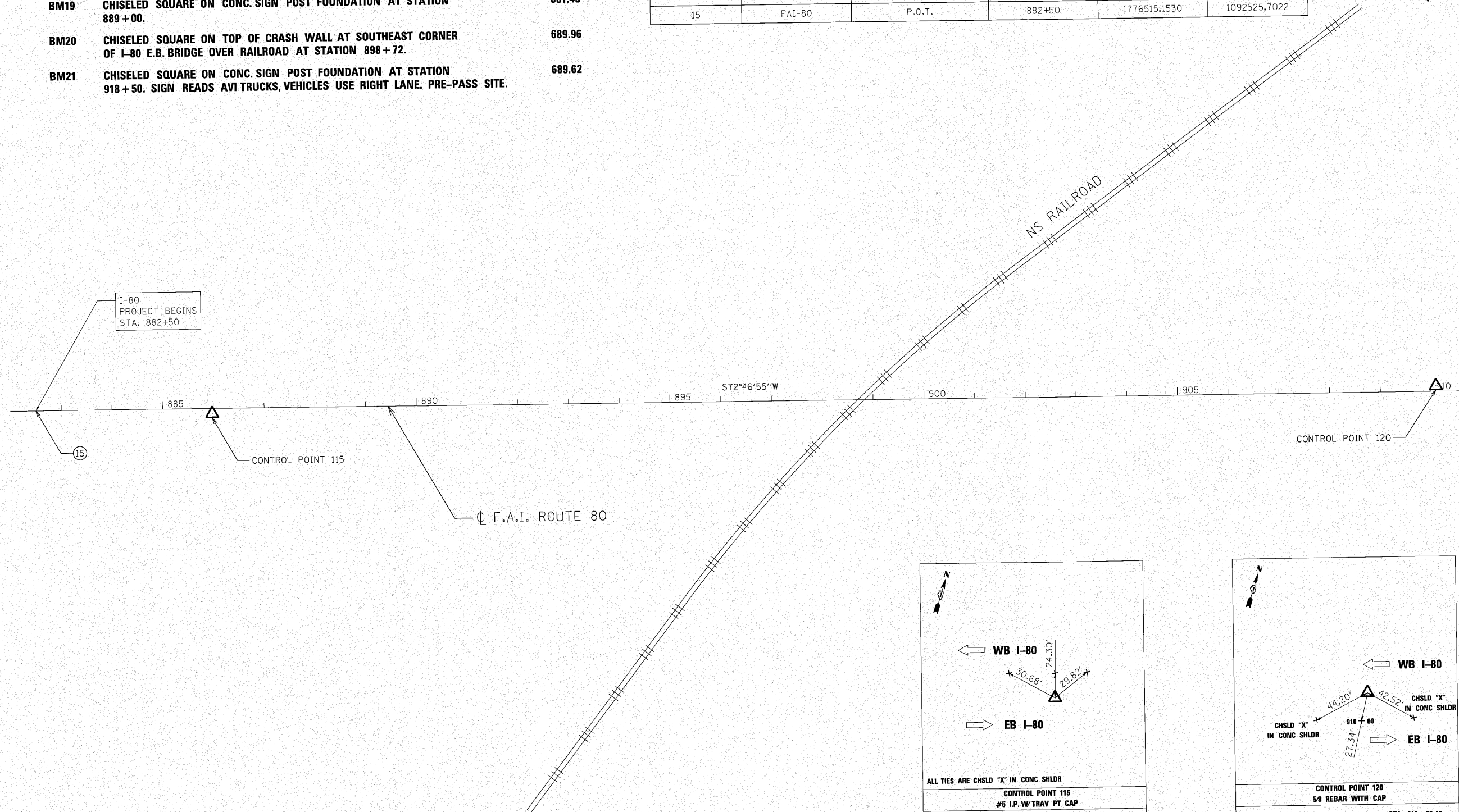
F.A.I. 80 FROM NS RAILROAD TO US 45
DRAINAGE SCHEDULES

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	27
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				

BM#	DESCRIPTION	ELEVATION
BM19	CHISELED SQUARE ON CONC. SIGN POST FOUNDATION AT STATION 889+00.	681.43
BM20	CHISELED SQUARE ON TOP OF CRASH WALL AT SOUTHEAST CORNER OF I-80 E.B. BRIDGE OVER RAILROAD AT STATION 898+72.	689.96
BM21	CHISELED SQUARE ON CONC. SIGN POST FOUNDATION AT STATION 918+50. SIGN READS AVI TRUCKS, VEHICLES USE RIGHT LANE. PRE-PASS SITE.	689.62

PROJECT COORDINATES					
NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
15	FAI-80	P.O.T.	882+50	1776515.1530	1092525.7022



MATCHLINE STA. 912+00
SEE SHEET 29



ENGINEERING CONSULTANT	USER NAME = jk,jellman	DESIGNED - CRC	REVISED -
		DRAWN - JMK	REVISED -
	PLOT SCALE = 100,0000' / IN.	CHECKED - MRJ	REVISED -
	PLOT DATE = 10/28/2010	DATE - 10/21/2010	REVISED -

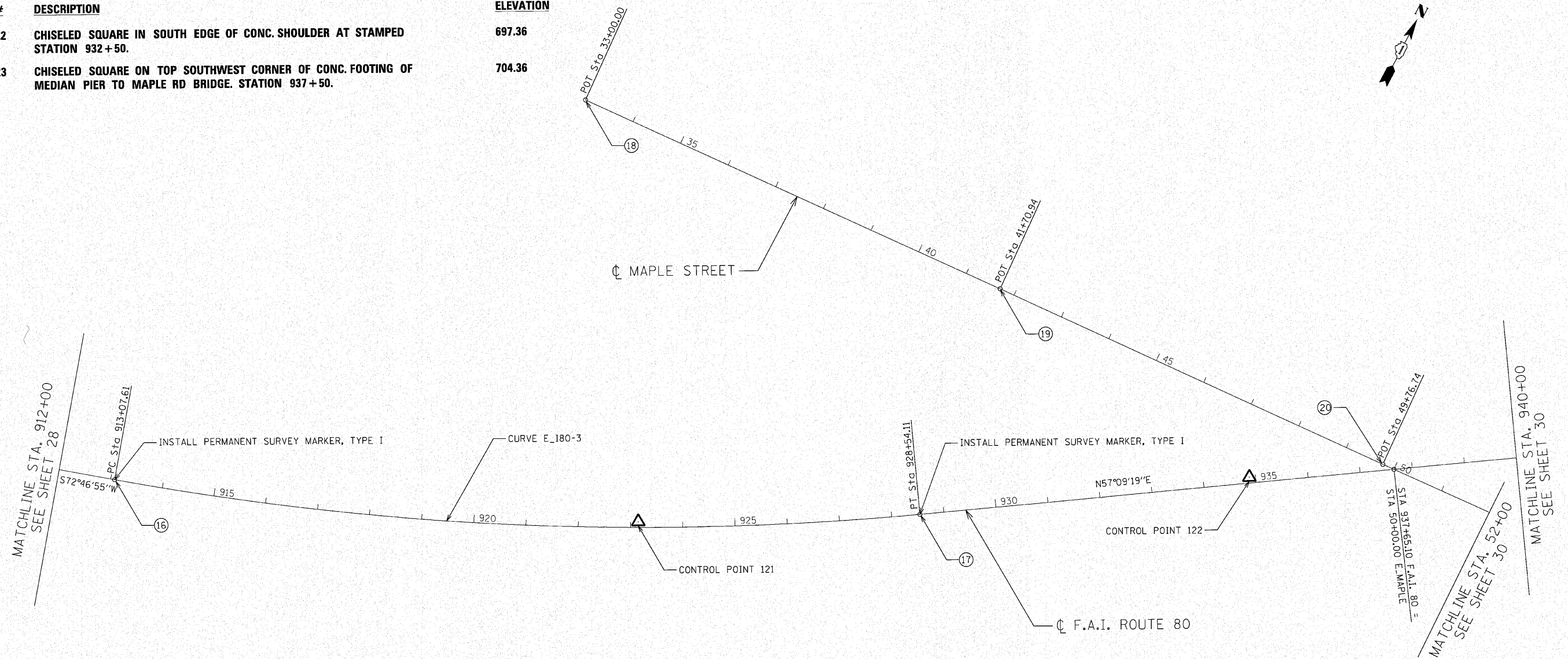
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1		309	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M59	

BM#	DESCRIPTION	ELEVATION
BM22	CHISELED SQUARE IN SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 932+50.	697.36
BM23	CHISELED SQUARE ON TOP SOUTHWEST CORNER OF CONC. FOOTING OF MEDIAN PIER TO MAPLE RD BRIDGE. STATION 937+50.	704.36

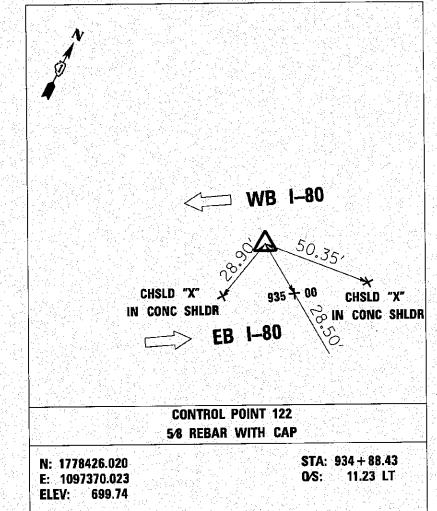
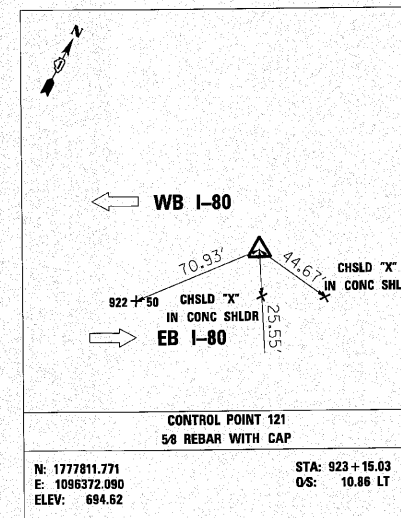


CURVE DATA F.A.I. ROUTE 80

CURVE E_180-3
 PI STA. = 920+85.69
 $\Delta = 15^\circ 37' 36''$ (LT)
 $D = 1^\circ 00' 38''$
 $R = 5,670.33'$
 $T = 778.08'$
 $L = 1,546.50'$
 $E = 53.13'$
 P.C. STA = 913+07.61
 P.T. STA = 928+54.11

PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
16	FAI - 80	P.C. STATION	913+07.61	1777420.231	1095446.284
17	FAI - 80	P.T. STATION	928+54.11	1778072.549	1096843.191
18	E.MAPLE	P.O.T. STATION	33+00.00	1778479.558	1095910.788
19	E.MAPLE	P.O.T. STATION	41+70.94	1778525.164	1096780.537
20	E.MAPLE	P.O.T. STATION	49+76.74	1778565.383	1097585.329



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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 2017 North Cicero Road, Suite 402
 Chicago, IL 60649
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USER NAME = jk_millean	DESIGNED - CRC	REVISED -
DRAWN - JMK	REVISED -	
CHECKED - MRJ	REVISED -	
DATE - 10/27/2010	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 ALIGNMENTS, TIES, AND BENCHMARKS**
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 29
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

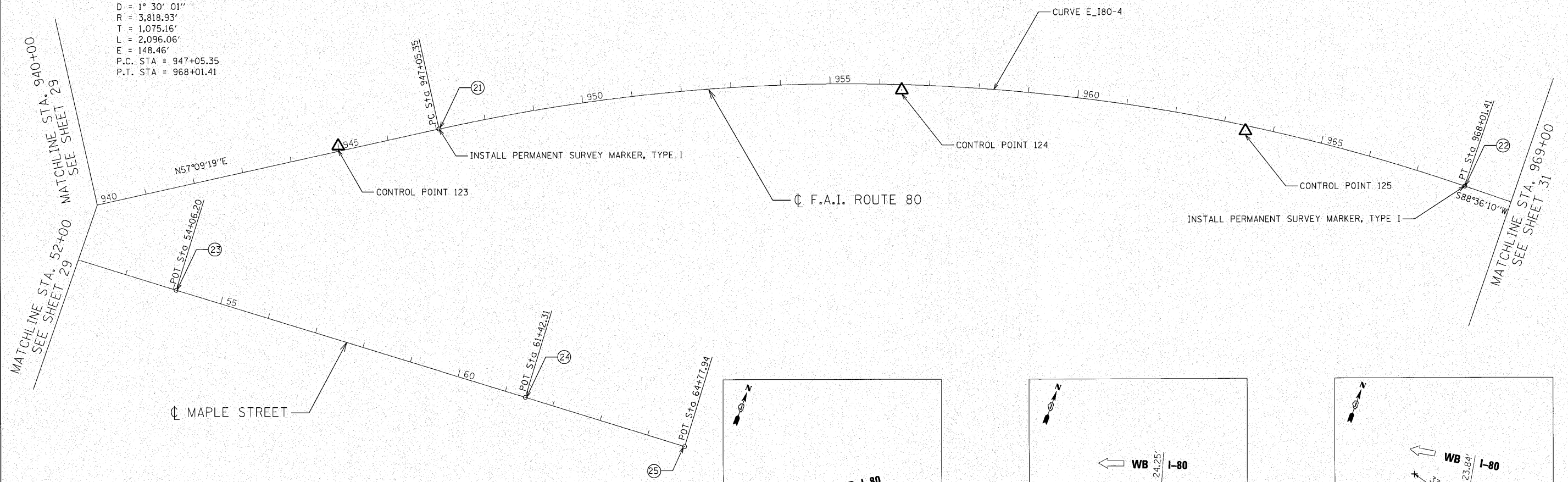
PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
21	FAI - 80	P.C. STATION	947+05.35	1779076.592	1098398.500
22	FAI - 80	P.T. STATION	968+01.41	1779685.933	1100376.629
23	E. MAPLE	P.O.T. STATION	54+06.20	1778588.519	1098014.163
24	E. MAPLE	P.O.T. STATION	61+42.31	1778631.576	1098749.013
25	E. MAPLE	P.O.T. STATION	64+77.94	1778650.195	1099084.127

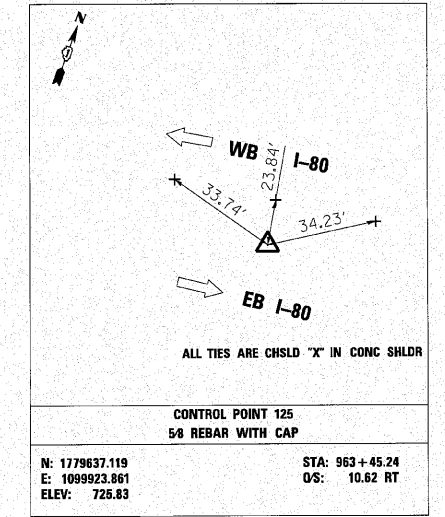
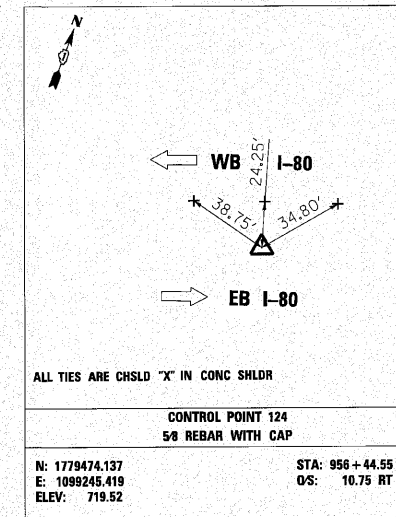
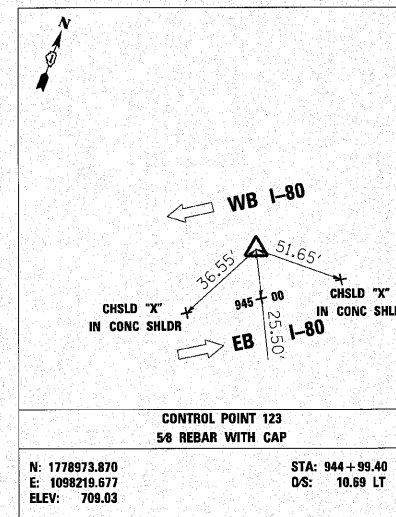


CURVE DATA F.A.I. ROUTE 80

CURVE E_180-4
 PI STA. = 957+80.50
 $\Delta = 31^\circ 26' 51''$ (RT)
 $D = 1^\circ 30' 01''$
 $R = 3,818.93'$
 $T = 1,075.16'$
 $L = 2,096.06'$
 $E = 148.46'$
 P.C. STA = 947+05.35
 P.T. STA = 968+01.41



BM#	DESCRIPTION	ELEVATION
BM24	CHISELED SQUARE IN SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 952 + 50.	714.33
BM25	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 962 + 50.	721.53



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ENGINEERING CONSULTANT CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: cgroup@clorba.com	USER NAME = jkellman	DESIGNED - CRC	REVISED -
	PLOT SCALE = 1/80000 = 1" / IN.	DRAWN - JMK	REVISED -
	PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
		DATE = 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
ALIGNMENTS, TIES, AND BENCHMARKS

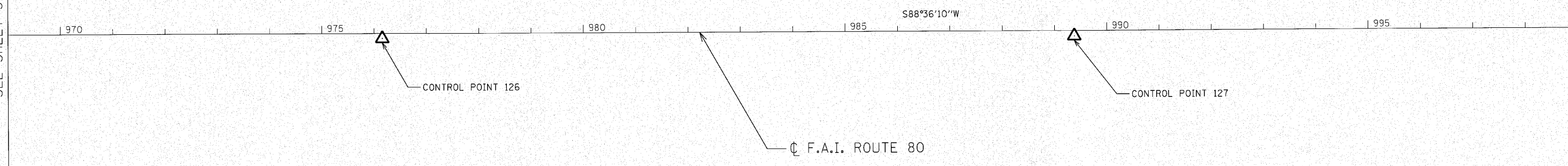
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	30
CONTRACT NO. 60M59				
ILLINOIS FED. AID PROJECT				

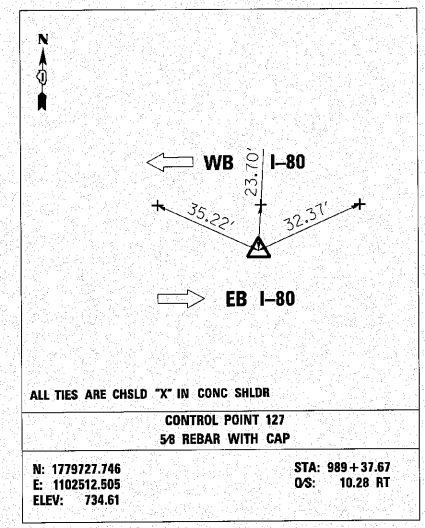
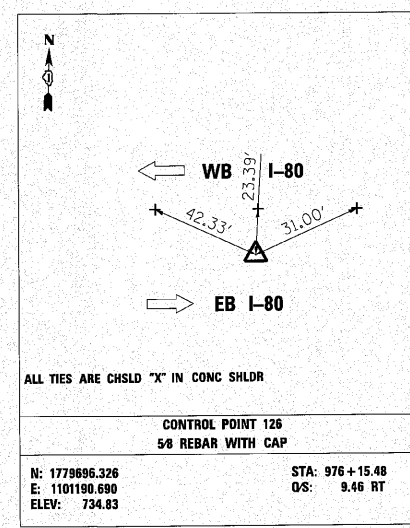


MATCHLINE STA. 969+00
SEE SHEET 30

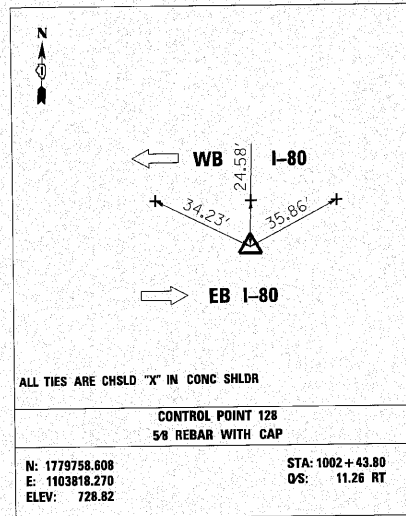
MATCHLINE STA. 999+00
SEE SHEET 32



BM#	DESCRIPTION	ELEVATION
BM26	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 977 + 50.	733.65
BM27	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 987 + 50.	732.96

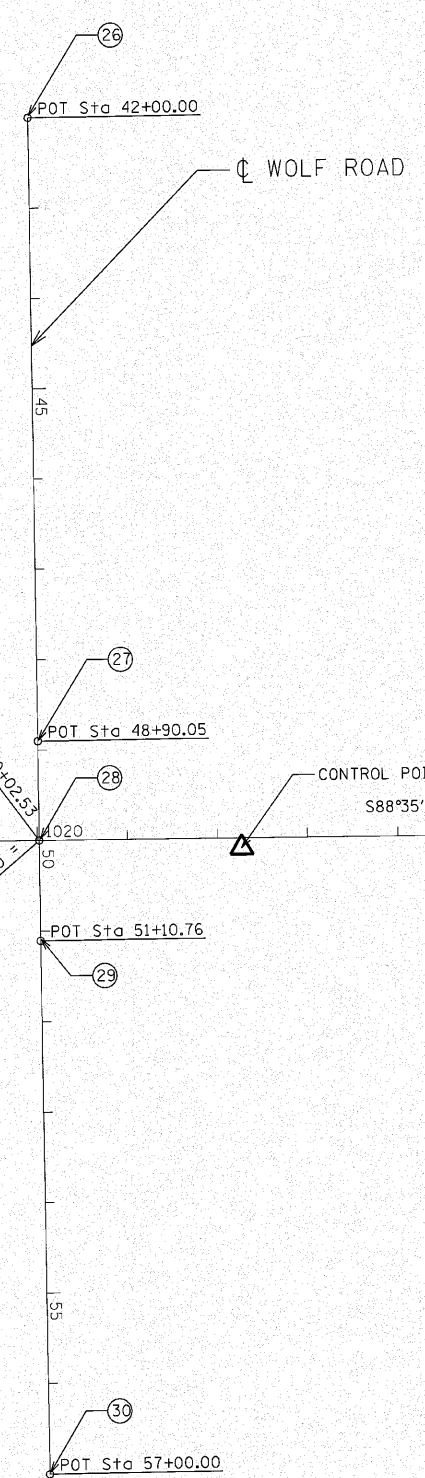


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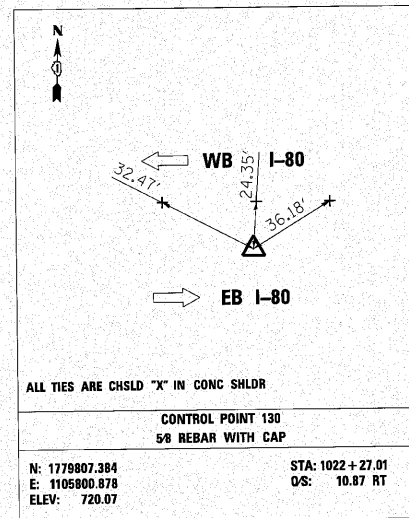
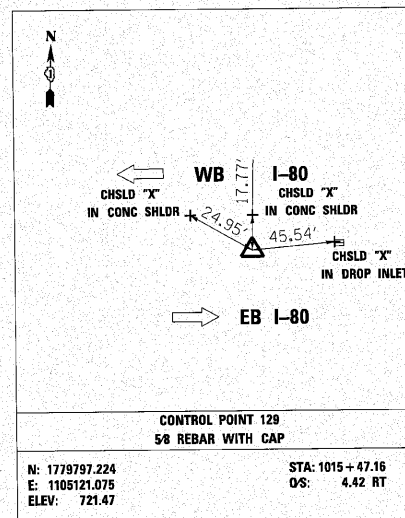
- | BM# | DESCRIPTION | ELEVATION |
|------|---|-----------|
| BM28 | CHISELED SQUARE SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 1000+00. | 729.93 |
| BM29 | CHISELED SQUARE SOUTH EDGE OF CONC. MERGE RAMP FROM WEIGH STATION AT STAMPED STATION 1010+00. | 725.36 |
| BM30 | CHISELED SQUARE ON TOP OF CONC. CRASH WALL ON SOUTH SIDE OF I-80 WEST OF WOLF ROAD BRIDGE AT STATION 1019+85. | 724.04 |

ELEVATION



MATCHLINE STA. 999+00
SEE SHEET 31

MATCHLINE STA. 1029+00
SEE SHEET 33



NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
26	E_WOLF	P.O.T. STATION	42+00.00	1780612.402	1105552.585
27	E_WOLF	P.O.T. STATION	48+90.05	1779922.656	1105573.125
28	E_WOLF	P.O.T. STATION	50+00.00	1779812.747	1105576.133
29	E_WOLF	P.O.T. STATION	51+10.76	1779702.028	1105579.162
30	E_WOLF	P.O.T. STATION	57+00.00	1779113.065	1105597.219

ENGINEERING CONSULTANT

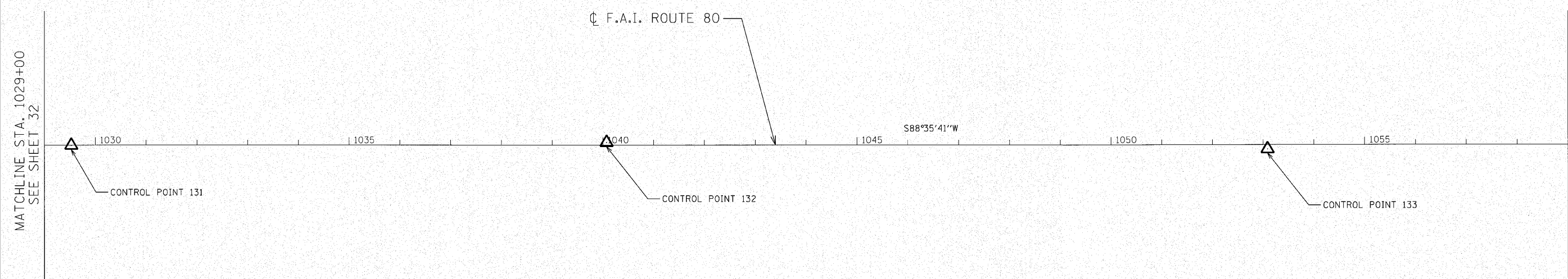
Clorba Group Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, IL 60630
 Tel: 773.776.4014 Fax: 773.776.4014
 Email: clorba@clorba.com

USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 1/8" = 100.0000' / 1"	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE = 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

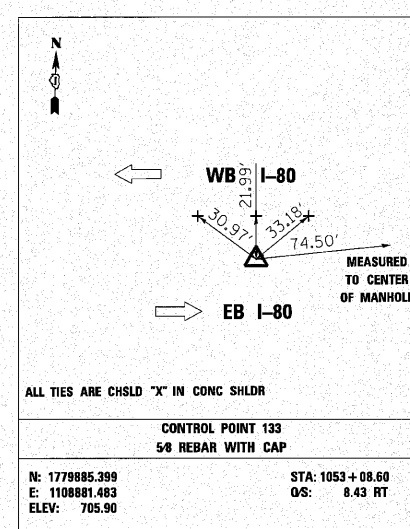
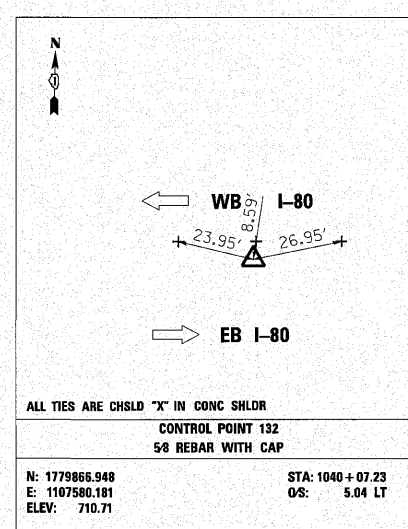
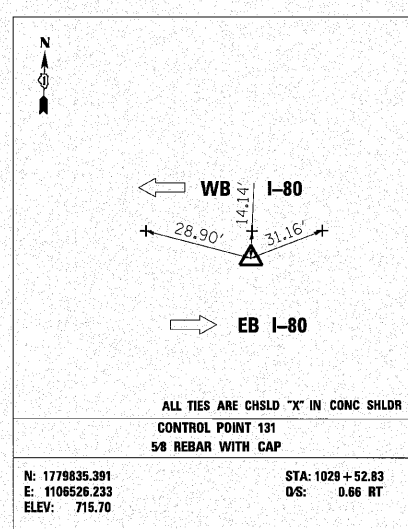
**F.A.I. 80 FROM NS RAILROAD TO US 45
ALIGNMENTS, TIES, AND BENCHMARKS**
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M59	



MATCHLINE STA. 1029+00
SEE SHEET 32

MATCHLINE STA. 1059+00
SEE SHEET 34



BM#	DESCRIPTION	ELEVATION
BM31	CHISELED SQUARE SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 1030+00.	716.71
BM32	CHISELED SQUARE IN CONC. SIGN FOUNDATION AT STATION 1042+00 SIGN READS GAS-EXIT 45.	707.46
BM33	CHISELED SQUARE IN CONC. SIGN FOUNDATION AT STATION 1057+60. SIGN READS MOKENA, FRANKFORT, ORLAND PARK EXIT 145.	700.88

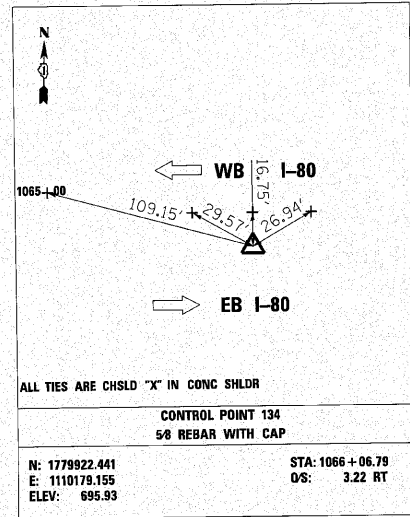
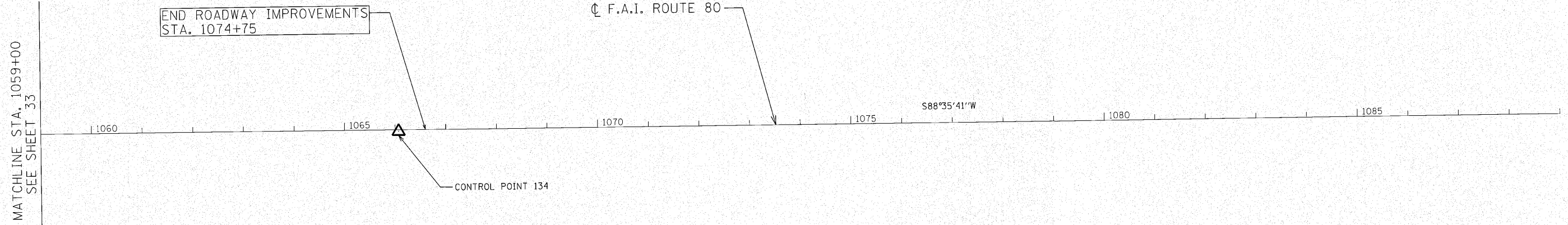
	ENGINEERING CONSULTANT	DESIGNED - CRC	REVISED -
	USER NAME = jk.jelliman	DRAWN - JMK	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - MRJ	REVISED -
	PLOT DATE = 10/28/2010	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. 80 FROM NS RAILROAD TO US 45 ALIGNMENTS, TIES, AND BENCHMARKS		F.A.I. RTE: 80	SECTION: 99(5&S-1) Y-1	COUNTY: WILL	TOTAL SHEETS: 309	SHEET NO.: 33
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60M59			
ILLINOIS FED. AID PROJECT						

PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
31	E_180	P.O.T. STATION	1095+41.71	1779997.630	1113113.117



ALL TIES ARE CHSLD "X" IN CONC SHLDR

CONTROL POINT 134	
5# REBAR WITH CAP	
N: 1779922.441	STA: 1066+06.79
E: 1110179.155	OS: 3.22 RT
ELEV: 695.93	

BM#	DESCRIPTION	ELEVATION
BM34	CHISELED 'X' IN NORTHERLY BOLT OF CANTILEVER SIGN AT STATION 1071+70. SIGN READS LAGRANGE ROAD 1/2 MILE.	695.20

c:\vpro\33884\3_east\design\mascshwts\33884E-AlignTie1.dgn

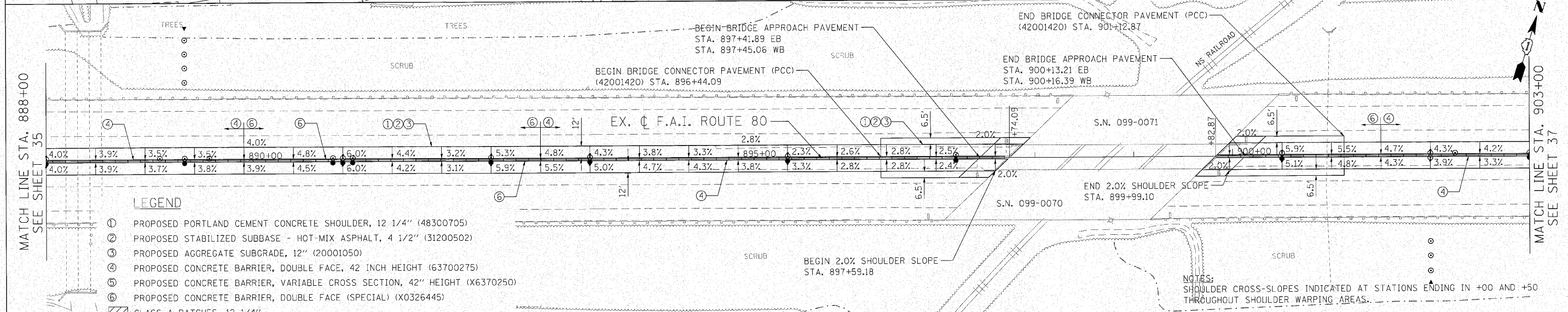
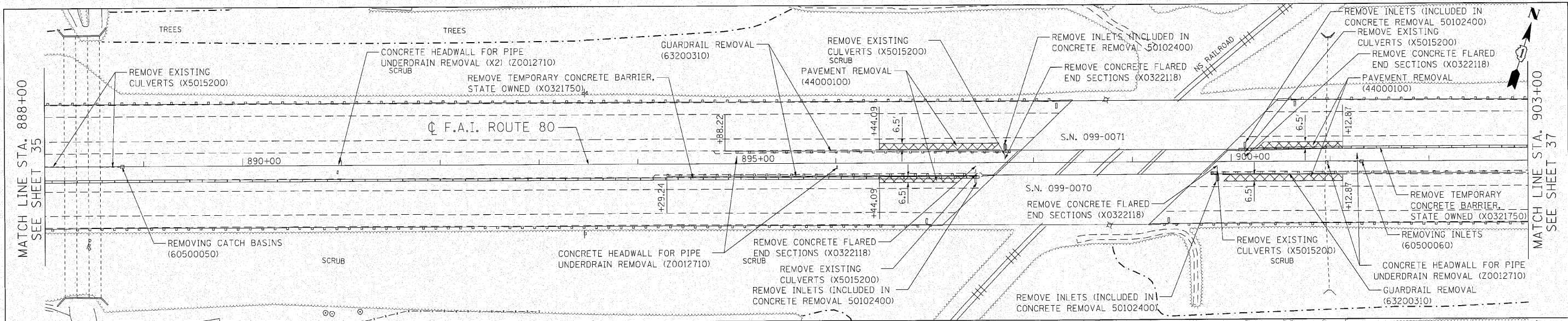
ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 1507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60642
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: clorba@clorba.com

USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 100.00/20 "/> <td>DRAWN - JMK</td> <td>REVISED -</td>	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. 80 FROM NS RAILROAD TO US 45 ALIGNMENTS, TIES, AND BENCHMARKS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	34
CONTRACT NO. 60M59				
[ILLINOIS] FED. AID PROJECT				

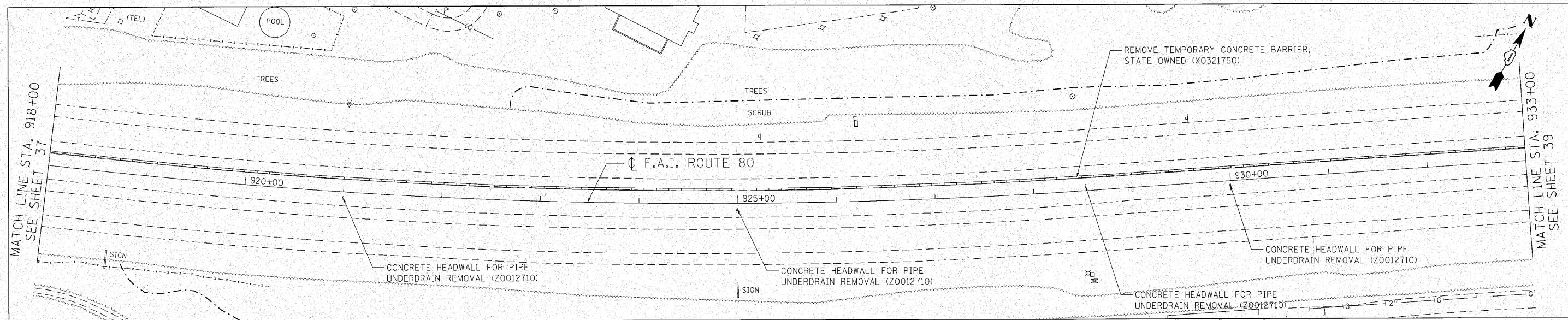


- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
 - ⑥ PROPOSED CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
 - ▨ CLASS A PATCHES, 12 1/4"

NOTES:
SHOULDER CROSS-SLOPES INDICATED AT STATIONS ENDING IN +00 AND +50 THROUGHOUT SHOULDER WARPING AREAS.

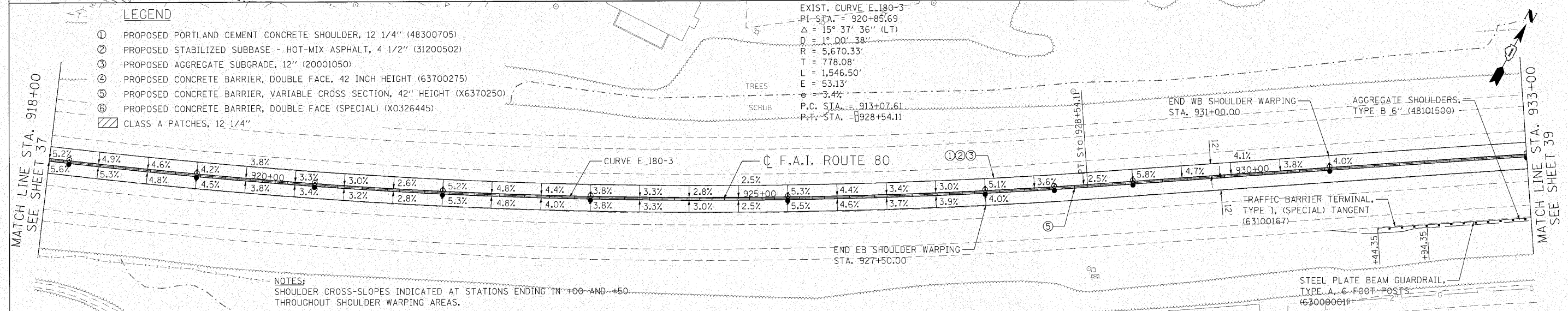
TOP OF WALL	888+00	889+00	890+00	891+00	892+00	893+00	894+00	895+00	896+00	897+00	898+00	899+00	900+00	901+00	902+00	903+00												
689.26	689.02	688.84	688.64	688.45	688.38	688.30	688.36	688.41	688.41	688.59	688.76	688.94	689.12	689.29	689.47	689.65	689.83	690.01	690.19	690.37	690.55	690.73	690.91	691.09	691.27			
695																											695	
690																											690	
685																											685	
680																											680	
WB PCL	686.24	685.99	685.76	685.57	685.33	685.14	684.95	684.74	684.56	684.37	684.18	684.00	683.81	683.62	683.43	683.24	683.05	682.86	682.67	682.48	682.29	682.10	681.91	681.72	681.53	681.34	681.15	680.96
EB PCL	686.21	685.94	685.74	685.56	685.37	685.18	684.99	684.80	684.61	684.42	684.23	684.04	683.85	683.66	683.47	683.28	683.09	682.90	682.71	682.52	682.33	682.14	681.95	681.76	681.57	681.38	681.19	681.00
WB CMB BASE	685.76	685.52	685.34	685.14	684.95	684.76	684.56	684.37	684.18	683.99	683.80	683.61	683.42	683.23	683.04	682.85	682.66	682.47	682.28	682.09	681.90	681.71	681.52	681.33	681.14	680.95	680.76	680.57
EB CMB BASE	685.71	685.47	685.30	685.11	684.92	684.73	684.54	684.35	684.16	683.97	683.78	683.59	683.40	683.21	683.02	682.83	682.64	682.45	682.26	682.07	681.88	681.69	681.50	681.31	681.12	680.93	680.74	680.55
WB POL	686.24	685.99	685.76	685.57	685.33	685.14	684.95	684.74	684.56	684.37	684.18	684.00	683.81	683.62	683.43	683.24	683.05	682.86	682.67	682.48	682.29	682.10	681.91	681.72	681.53	681.34	681.15	680.96
EB POL	686.21	685.94	685.74	685.56	685.37	685.18	684.99	684.80	684.61	684.42	684.23	684.04	683.85	683.66	683.47	683.28	683.09	682.90	682.71	682.52	682.33	682.14	681.95	681.76	681.57	681.38	681.19	681.00
888+00	889+00	890+00	891+00	892+00	893+00	894+00	895+00	896+00	897+00	898+00	899+00	900+00	901+00	902+00	903+00													

<p>Ciorba Group, Inc. CONSULTING ENGINEERS 607 North Cumberland Avenue, Suite 402 Chicago, IL 60610 Tel: 773.775.4209 Fax: 773.775.4014 Email: cgroup@ciorba.com</p>	ENGINEERING CONSULTANT	USER NAME = jk.jeliman	DESIGNED - CRC	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE</p>	F.A.I. RTE. = 80	SECTION = 99(5&5-1) Y-1	COUNTY = WILL	TOTAL SHEETS = 309	SHEET NO. = 36
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISOR -	SCALE: 1" = 50'			SHEET NO. OF SHEETS	STA. 888+00 TO STA. 903+00	CONTRACT NO. 60M59	ILLINOIS FED. AID PROJECT	
	PLDT DATE = 10/28/2010	DATE = 10/27/2010	REVISOR -								



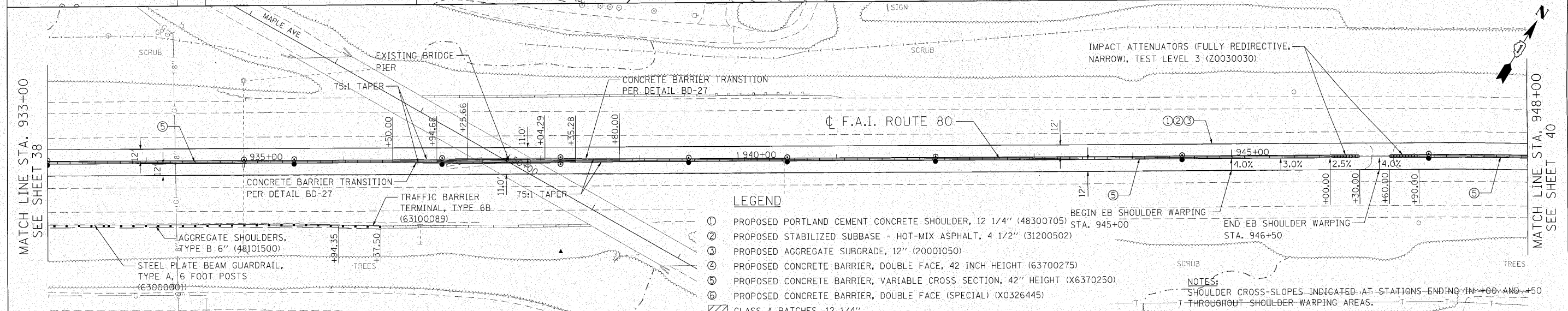
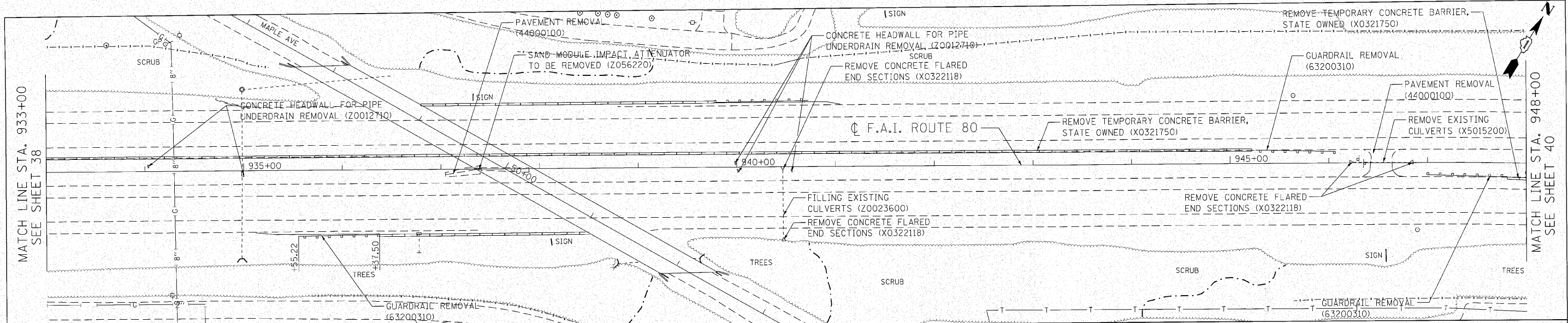
- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370205)
 - ⑥ PROPOSED CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
 - ▨ CLASS A PATCHES, 12 1/4"

EXIST. CURVE E-180-3
 PI-STA. = 920+85.69
 $\Delta = 15^\circ 37' 36''$ (LT)
 $D = 1^\circ 00' 38''$
 $R = 5,670.33'$
 $T = 778.08'$
 $L = 1,546.50'$
 $E = 53.13'$
 $P.C. STA. = 913+07.61$
 $P.T. STA. = 928+54.11$



TOP OF WALL	918+00	919+00	920+00	921+00	922+00	923+00	924+00	925+00	926+00	927+00	928+00	929+00	930+00	931+00	932+00	933+00
705	696.55	696.69	696.83	696.98	697.12	697.26	697.40	697.54	697.68	697.82	697.96	698.10	698.24	698.38	698.52	698.66
700	693.40	693.55	693.69	693.82	693.95	694.07	694.22	694.35	694.48	694.61	694.76	694.89	695.05	695.15	695.29	695.44
695	691.67	691.81	691.92	692.07	692.15	692.29	692.44	692.56	692.68	692.83	692.97	693.10	693.23	693.35	693.48	693.61
690	692.78	692.96	693.14	693.32	693.50	693.68	693.86	694.04	694.22	694.40	694.58	694.76	694.94	695.12	695.30	695.48

<p>Giorba Group, Inc. CONSULTING ENGINEERS 8507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60650 Tel: 773.775.4009 Fax: 773.775.4014 Email: ceng@giorgroup.com</p>	USER NAME = jkjoeliman DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE	F.A.I. RTE. = 80 SECTION = 9915&5-1) Y-1 COUNTY = WILL TOTAL SHEETS = 309 SHEET NO. = 38
	ENGINEERING CONSULTANT PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/28/2010	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 918+00 TO STA. 933+00	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT		

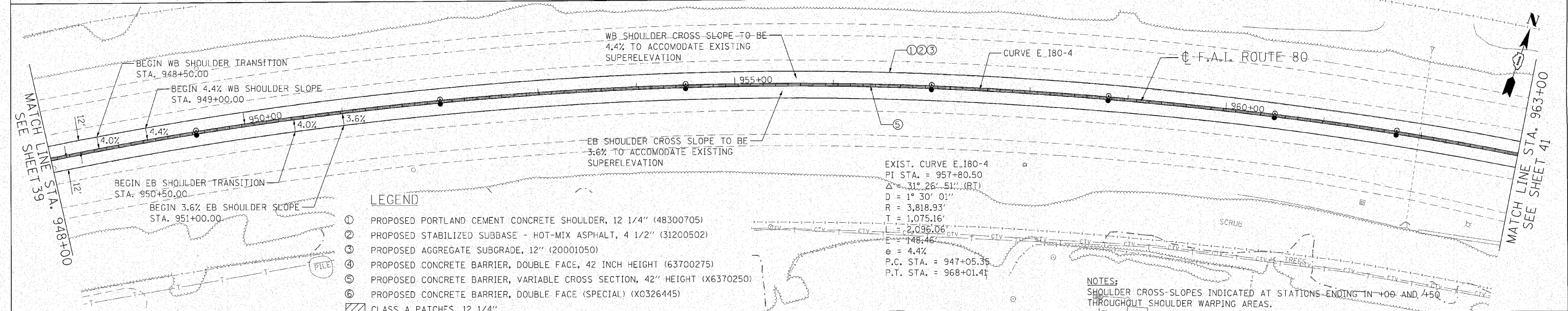
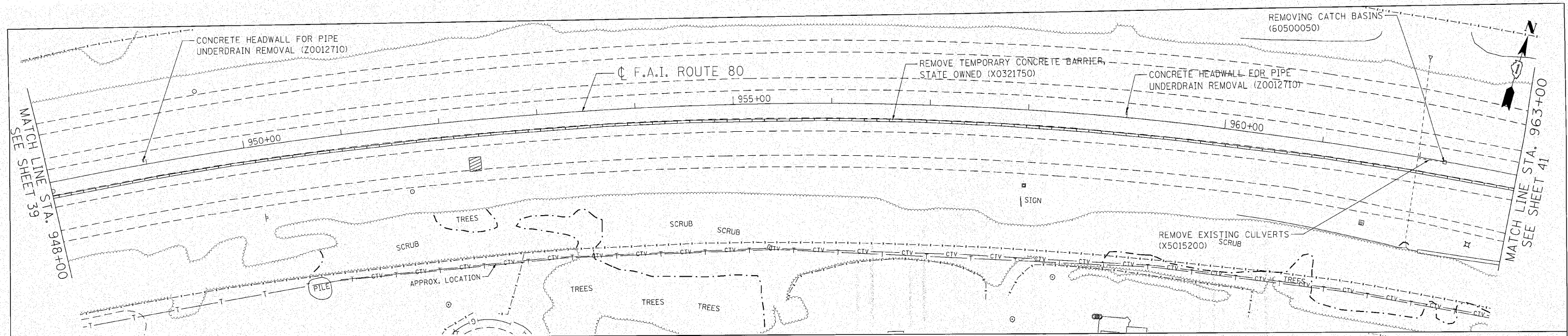


LEGEND

- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
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- ▨ CLASS A PATCHES, 12 1/4"

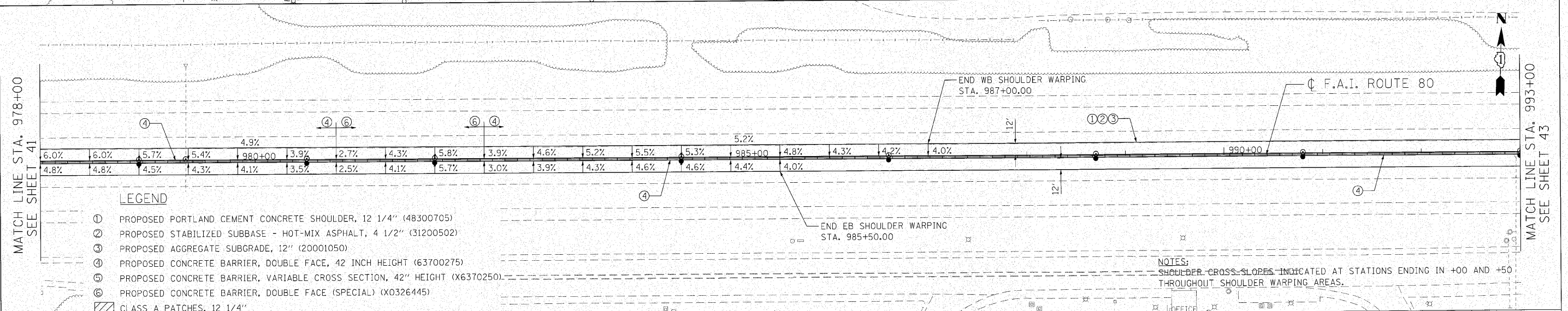
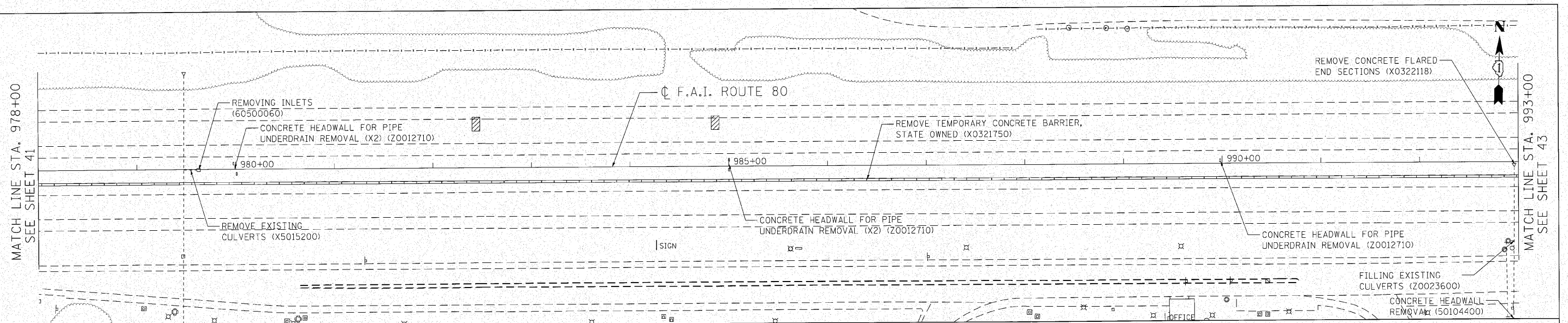
NOTES:
 SHOULDER CROSS-SLOPES INDICATED AT STATIONS ENDING IN +00 AND +50 THROUGHOUT SHOULDER WARPING AREAS.

TOP OF WALL	933+00	934+00	935+00	936+00	937+00	938+00	939+00	940+00	941+00	942+00	943+00	944+00	945+00	946+00	947+00	948+00																																
710	701.16	701.65	702.14	702.59	703.05	703.50	704.42	704.91	705.42	705.84	706.30	706.77	707.23	707.69	708.16	708.63	709.09	709.55	710.02	710.49	710.94	711.40	711.86	712.31	712.83	713.27	714.16	714.81	715.46																			
705																																																
700																																																
695																																																
WB. PGL	697.66	697.92	698.15	698.41	698.64	698.84	699.09	699.25	699.57	699.67	700.03	700.49	700.93	701.38	701.86	702.35	702.77	703.25	703.60	704.06	704.51	704.99	705.46	705.92	706.38	706.83	707.29	707.74	708.19	708.63	709.07	709.51	709.95	710.39	710.83	711.27	711.71	712.15	712.59	713.03	713.47	713.91	714.35	714.79	715.23			
EB PGL	697.97	698.23	698.46	698.72	698.95	699.15	699.40	699.56	699.88	699.98	700.34	700.80	701.24	701.69	702.17	702.66	703.14	703.62	704.09	704.56	705.03	705.50	705.97	706.44	706.90	707.36	707.82	708.28	708.74	709.19	709.65	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97	
EB CMB BASE	697.66	697.92	698.15	698.41	698.64	698.84	699.09	699.25	699.57	699.67	700.03	700.49	700.93	701.38	701.86	702.35	702.77	703.25	703.60	704.06	704.51	704.99	705.46	705.92	706.38	706.83	707.29	707.74	708.19	708.63	709.07	709.51	709.95	709.95	709.95	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97
EB PGL	698.14	698.40	698.63	698.89	699.12	699.38	699.61	699.77	700.09	700.19	700.55	701.01	701.45	701.90	702.38	702.86	703.34	703.82	704.30	704.78	705.26	705.74	706.22	706.70	707.18	707.66	708.14	708.62	709.10	709.58	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97		
WB. PGL	697.97	698.23	698.46	698.72	698.95	699.15	699.40	699.56	699.88	699.98	700.34	700.80	701.24	701.69	702.17	702.66	703.14	703.62	704.09	704.56	705.03	705.50	705.97	706.44	706.90	707.36	707.82	708.28	708.74	709.19	709.65	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97	
EB PGL	698.14	698.40	698.63	698.89	699.12	699.38	699.61	699.77	700.09	700.19	700.55	701.01	701.45	701.90	702.38	702.86	703.34	703.82	704.30	704.78	705.26	705.74	706.22	706.70	707.18	707.66	708.14	708.62	709.10	709.58	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97		
EB CMB BASE	697.66	697.92	698.15	698.41	698.64	698.84	699.09	699.25	699.57	699.67	700.03	700.49	700.93	701.38	701.86	702.35	702.77	703.25	703.60	704.06	704.51	704.99	705.46	705.92	706.38	706.83	707.29	707.74	708.19	708.63	709.07	709.51	709.95	709.95	709.95	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97
EB PGL	698.14	698.40	698.63	698.89	699.12	699.38	699.61	699.77	700.09	700.19	700.55	701.01	701.45	701.90	702.38	702.86	703.34	703.82	704.30	704.78	705.26	705.74	706.22	706.70	707.18	707.66	708.14	708.62	709.10	709.58	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97		
WB. PGL	697.97	698.23	698.46	698.72	698.95	699.15	699.40	699.56	699.88	699.98	700.34	700.80	701.24	701.69	702.17	702.66	703.14	703.62	704.09	704.56	705.03	705.50	705.97	706.44	706.90	707.36	707.82	708.28	708.74	709.19	709.65	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97	
EB PGL	698.14	698.40	698.63	698.89	699.12	699.38	699.61	699.77	700.09	700.19	700.55	701.01	701.45	701.90	702.38	702.86	703.34	703.82	704.30	704.78	705.26	705.74	706.22	706.70	707.18	707.66	708.14	708.62	709.10	709.58	709.99	709.99	709.99	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97		
EB CMB BASE	697.66	697.92	698.15	698.41	698.64	698.84	699.09	699.25	699.57	699.67	700.03	700.49	700.93	701.38	701.86	702.35	702.77	703.25	703.60	704.06	704.51	704.99	705.46	705.92	706.38	706.83	707.29	707.74	708.19	708.63	709.07	709.51	709.95	709.95	709.95	710.45	710.91	711.37	711.83	712.29	712.75	713.21	713.67	714.13	714.59	715.05	715.51	715.97



948+00	949+00	950+00	951+00	952+00	953+00	954+00	955+00	956+00	957+00	958+00	959+00	960+00	961+00	962+00	963+00																			
715.46	715.94	716.35	716.78	717.21	717.66	718.17	718.58	719.03	719.45	719.86	720.27	720.72	721.14	721.57	722.00	722.44	722.90	723.32	723.75	724.19	724.66	725.04	725.46	725.97	726.42	726.87	727.27	727.67	728.09	728.57				
725																																	725	
720																																	720	
715																																	715	
710																																		710
WB PCL	711.60	712.44	713.33	714.20	715.10	716.08	717.03	718.03	719.03	720.03	721.03	722.03	723.03	724.03	725.03	726.03	727.03	728.03	729.03	730.03	731.03	732.03	733.03	734.03	735.03	736.03	737.03	738.03	739.03	740.03	741.03	742.03		
EB PCL	711.12	711.96	712.85	713.71	714.67	715.55	716.43	717.31	718.19	719.07	719.95	720.83	721.71	722.59	723.47	724.35	725.23	726.11	726.99	727.87	728.75	729.63	730.51	731.39	732.27	733.15	734.03	734.91	735.79	736.67	737.55	738.43		
WB CMB BASE	711.95	712.82	713.69	714.56	715.43	716.30	717.17	720.04	720.91	721.78	722.65	723.52	724.39	725.26	726.13	727.00	727.87	728.74	729.61	730.48	731.35	732.22	733.09	733.96	734.83	735.70	736.57	737.44	738.31	739.18	740.05	740.92		
EB CMB BASE	711.48	712.35	713.22	714.09	714.96	715.83	716.70	717.57	718.44	719.31	720.18	721.05	721.92	722.79	723.66	724.53	725.40	726.27	727.14	728.01	728.88	729.75	730.62	731.49	732.36	733.23	734.10	734.97	735.84	736.71	737.58	738.45	739.32	
WB PCL	711.60	712.44	713.33	714.20	715.10	716.08	717.03	718.03	719.03	720.03	721.03	722.03	723.03	724.03	725.03	726.03	727.03	728.03	729.03	730.03	731.03	732.03	733.03	734.03	735.03	736.03	737.03	738.03	739.03	740.03	741.03	742.03		
EB PCL	711.12	711.96	712.85	713.71	714.67	715.55	716.43	717.31	718.19	719.07	719.95	720.83	721.71	722.59	723.47	724.35	725.23	726.11	726.99	727.87	728.75	729.63	730.51	731.39	732.27	733.15	734.03	734.91	735.79	736.67	737.55	738.43		

<p>Clorba Group, Inc. CONSULTING ENGINEERS 3077 North Cumberland Avenue, Suite 402 Chicago, IL 60641 Tel: 773.378.4014 Fax: 773.378.4014</p>	ENGINEERING CONSULTANT	DESIGNED - CRC	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE</p>	F.A.I. RTE. 80	SECTION 99(5&S-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 40
	USER NAME = jk,jellman PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/28/2010	CHECKED - MRJ DATE = 10/27/2010	REVISED - REVISED - REVISED -			SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 948+00 TO STA. 963+00	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT			

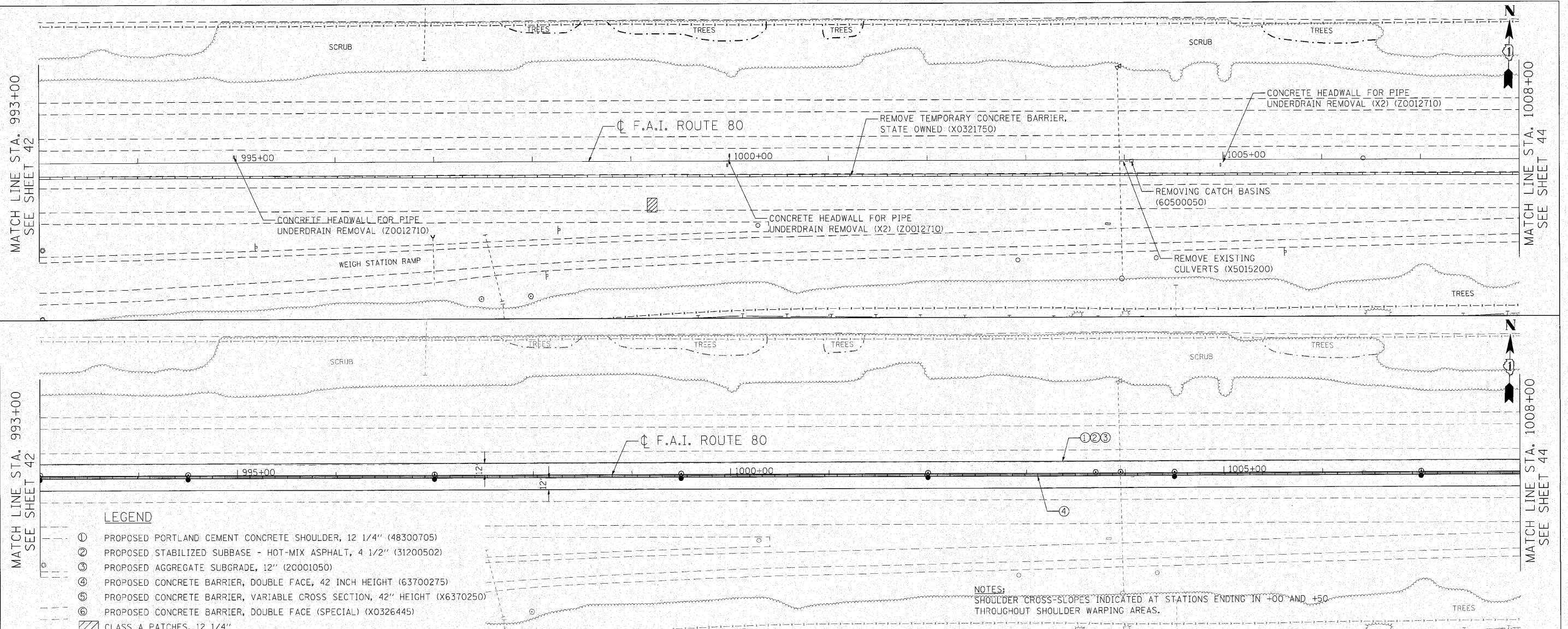


- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
 - ⑥ PROPOSED CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
 - ▨ CLASS A PATCHES, 12 1/4"

NOTES:
SHOULDER CROSS-SLOPES INDICATED AT STATIONS ENDING IN +00 AND +50 THROUGHOUT SHOULDER WARPING AREAS.

TOP OF WALL	978+00	979+00	980+00	981+00	982+00	983+00	984+00	985+00	986+00	987+00	988+00	989+00	990+00	991+00	992+00	993+00																																																													
740	739.51	739.70	740.07	740.26	740.64	740.65	740.66	740.56	740.38	740.21	740.03	739.86	739.50	739.29	739.06	738.84	738.63	738.41	738.18	737.97	737.72	737.50	737.29	737.09	736.88	736.66	736.45	736.23																																																	
735																																																																													
730																																																																													
725																																																																													
WB PCL	736.73	736.50	736.91	736.72	737.07	736.89	736.35	737.22	737.05	737.35	737.22	736.76	736.73	737.42	737.33	737.15	737.22	737.22	736.60	736.71	737.09	737.08	736.89	736.90	736.25	736.35	736.70	736.71	736.47	736.48	736.03	735.53	736.05	735.56	735.81	735.82	735.60	735.59	735.37	734.89	735.38	734.91	735.16	734.68	735.17	734.67	734.95	734.91	734.70	734.22	734.67	734.48	734.47	733.99	734.26	733.79	734.22	733.75	734.07	733.99	733.51	733.87	733.38	733.80	733.31	733.64	733.16	733.59	733.11	733.42	732.95	733.38	732.90	733.21	733.17	732.73	732.69
EB PCL	736.50	736.20	736.14	736.38	736.35	736.57	736.54	737.05	737.05	737.35	737.22	736.76	736.73	737.42	737.33	737.15	737.22	737.22	736.60	736.71	737.09	737.08	736.89	736.90	736.25	736.35	736.70	736.71	736.47	736.48	736.03	735.53	736.05	735.56	735.81	735.82	735.60	735.59	735.37	734.89	735.38	734.91	735.16	734.68	735.17	734.67	734.95	734.91	734.70	734.22	734.67	734.48	734.47	733.99	734.26	733.79	734.22	733.75	734.07	733.99	733.51	733.87	733.38	733.80	733.31	733.64	733.16	733.59	733.11	733.42	732.95	733.38	732.90	733.21	733.17	732.73	732.69
WB CMB BASE	736.50	736.20	736.14	736.38	736.35	736.57	736.54	737.05	737.05	737.35	737.22	736.76	736.73	737.42	737.33	737.15	737.22	737.22	736.60	736.71	737.09	737.08	736.89	736.90	736.25	736.35	736.70	736.71	736.47	736.48	736.03	735.53	736.05	735.56	735.81	735.82	735.60	735.59	735.37	734.89	735.38	734.91	735.16	734.68	735.17	734.67	734.95	734.91	734.70	734.22	734.67	734.48	734.47	733.99	734.26	733.79	734.22	733.75	734.07	733.99	733.51	733.87	733.38	733.80	733.31	733.64	733.16	733.59	733.11	733.42	732.95	733.38	732.90	733.21	733.17	732.73	732.69
EB CMB BASE	736.50	736.20	736.14	736.38	736.35	736.57	736.54	737.05	737.05	737.35	737.22	736.76	736.73	737.42	737.33	737.15	737.22	737.22	736.60	736.71	737.09	737.08	736.89	736.90	736.25	736.35	736.70	736.71	736.47	736.48	736.03	735.53	736.05	735.56	735.81	735.82	735.60	735.59	735.37	734.89	735.38	734.91	735.16	734.68	735.17	734.67	734.95	734.91	734.70	734.22	734.67	734.48	734.47	733.99	734.26	733.79	734.22	733.75	734.07	733.99	733.51	733.87	733.38	733.80	733.31	733.64	733.16	733.59	733.11	733.42	732.95	733.38	732.90	733.21	733.17	732.73	732.69

<p>Ciorba Group, Inc. CONSULTING ENGINEERS 5617 North Cicero Avenue, Suite 402 Chicago, IL 60631 Tel: 773.775.4000 Fax: 773.775.4014 Email: ciorba@ciorbainc.com</p>	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE</p>	F.A.I. RTE. = 80	SECTION = 99(5&5-1) Y-1	COUNTY = WILL	TOTAL SHEETS = 309	SHEET NO. = 42
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 978+00 TO STA. 993+00	CONTRACT NO. 60M59	
PLOT DATE = 10/28/2010	DATE = 10/27/2010	REVISED -	REVISED -							



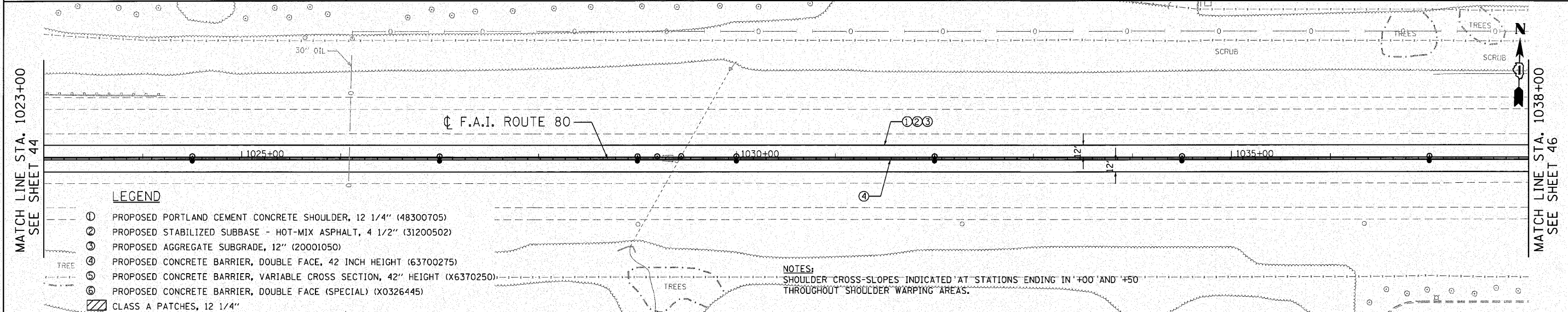
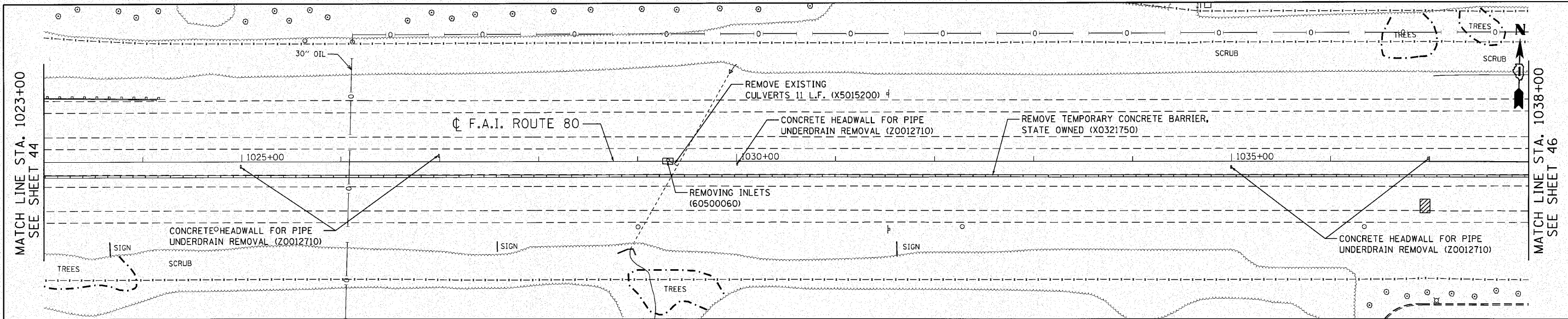
LEGEND

- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
- ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- ⑤ PROPOSED CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
- ⑥ PROPOSED CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
- ▨ CLASS A PATCHES, 12 1/4"

NOTES:
SHOULDER CROSS-SLOPES INDICATED AT STATIONS ENDING IN +00 AND +50 THROUGHOUT SHOULDER WARPING AREAS.

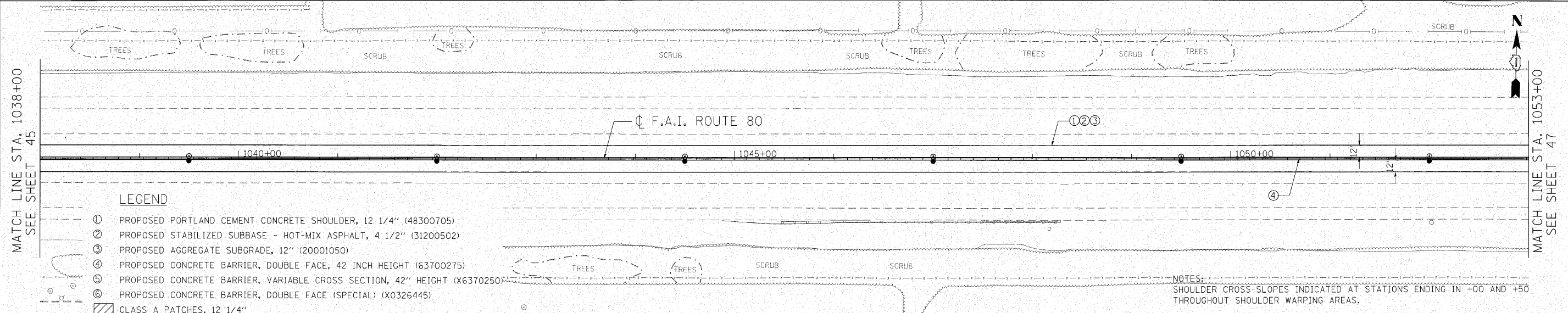
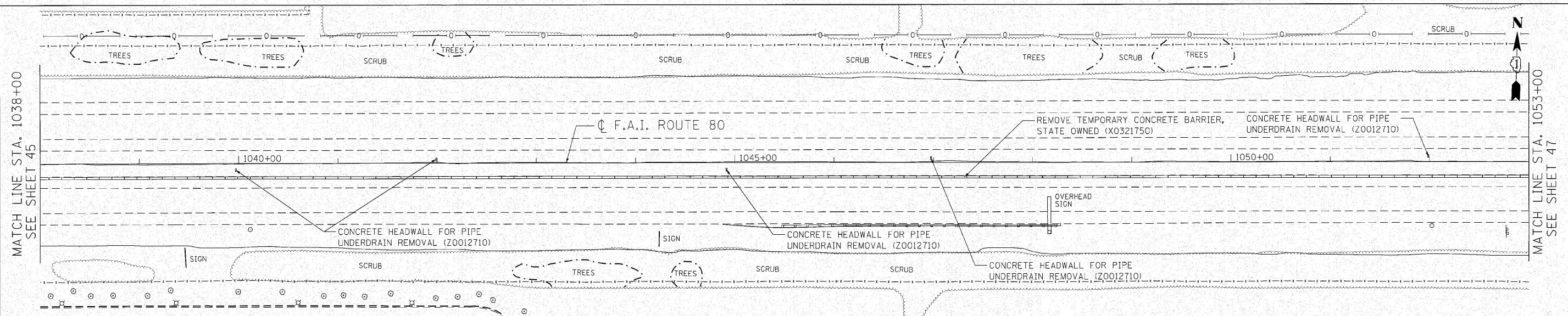
TOP OF WALL	993+00	994+00	995+00	996+00	997+00	998+00	999+00	1000+00	1001+00	1002+00	1003+00	1004+00	1005+00	1006+00	1007+00	1008+00
735	736.23	736.02	735.80	735.61	735.37	735.13	734.90	734.67	734.43	734.23	734.03	733.80	733.57	733.34	733.12	732.90
730	732.73	732.52	732.30	732.11	731.87	731.63	731.40	731.17	730.93	730.73	730.53	730.30	730.07	729.84	729.61	729.40
725	732.17	731.97	731.74	731.52	731.28	731.04	730.81	730.58	730.35	730.15	729.95	729.72	729.49	729.26	729.03	728.81
720	733.21	732.97	732.74	732.52	732.28	732.04	731.81	731.58	731.35	731.15	730.95	730.72	730.49	730.26	730.03	729.81
WB CMB BASE	732.69	732.48	732.26	732.04	731.82	731.59	731.36	731.13	730.93	730.71	730.53	730.30	730.07	729.84	729.61	729.40
WB PCL	733.17	732.97	732.74	732.52	732.28	732.04	731.81	731.58	731.35	731.15	730.95	730.72	730.49	730.26	730.03	729.81
EB CMB BASE	732.69	732.48	732.26	732.04	731.82	731.59	731.36	731.13	730.93	730.71	730.53	730.30	730.07	729.84	729.61	729.40
EB PCL	733.21	732.97	732.74	732.52	732.28	732.04	731.81	731.58	731.35	731.15	730.95	730.72	730.49	730.26	730.03	729.81
PROP. TOP OF WALL																
PROP. WB BASE OF WALL																
PROP. EB BASE OF WALL																

<p>Clorba Group, Inc. CONSULTING ENGINEERS 2027 North Commercial Avenue, Suite 422 Chicago, Illinois 60647 Tel: 773.775.4200 Fax: 773.775.4214 Email: cgroup@clorba.com</p>	USER NAME = jk_jellman PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/28/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE = 10/27/2010	REVISED - REVISED - REVISED - REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE</p>	F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 9915&5-1) Y-1 WILL 309 43
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 993+00 TO STA. 1008+00				CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT	



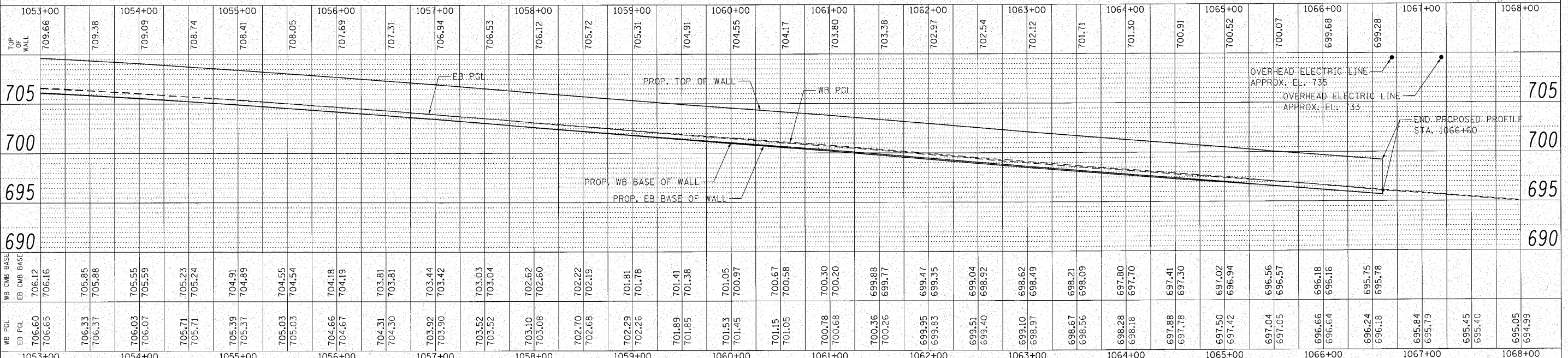
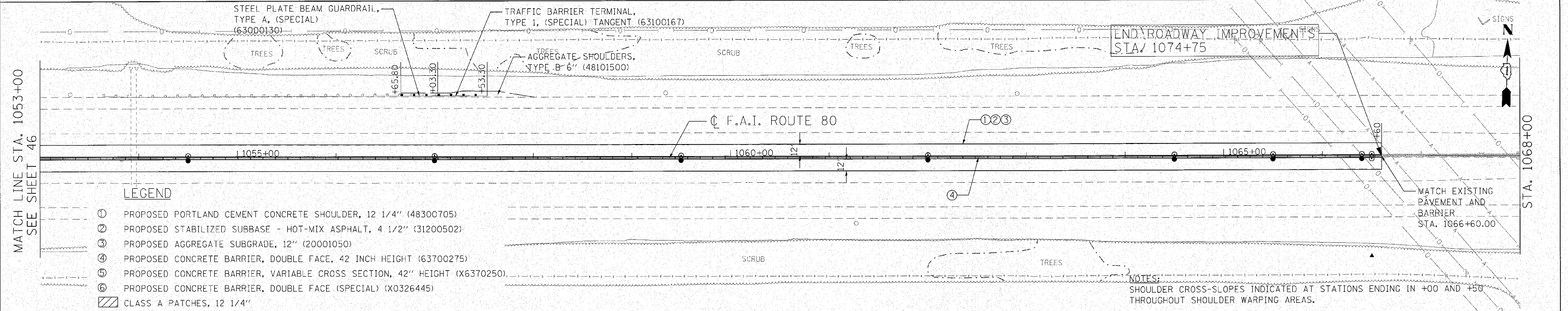
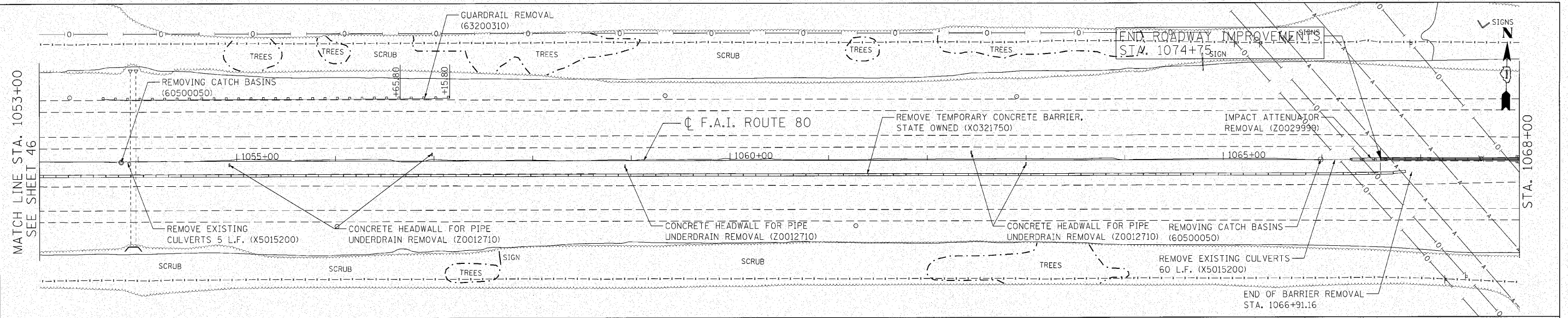
TOP OF WALL	723.04	722.83	722.63	722.40	722.17	721.93	721.70	721.47	721.24	721.01	720.78	720.56	720.34	720.16	719.94	719.70	719.48	719.27	719.06	718.80	718.60	718.36	718.16	717.93	717.71	717.49	717.27	717.05	716.87	716.62	716.37	
720																																720
715																																715
710																																710
705																																705
WB PCL	720.02	719.81	719.61	719.38	719.15	718.91	718.68	718.45	718.22	717.98	717.76	717.53	717.32	717.11	716.92	716.69	716.45	716.22	715.99	715.78	715.51	715.31	715.09	714.90	714.69	714.48	714.25	714.02	713.78	713.57	713.35	712.87
EB PCL	720.00	719.77	719.52	719.31	719.10	718.88	718.65	718.44	718.21	717.99	717.74	717.53	717.32	717.14	716.91	716.70	716.46	716.24	716.04	715.76	715.58	715.34	715.14	714.91	714.69	714.46	714.22	714.04	713.85	713.62	713.35	712.88
WB CMB BASE	719.54	719.33	719.13	718.90	718.67	718.43	718.20	717.97	717.74	717.51	717.28	717.06	716.84	716.64	716.44	716.20	715.97	715.74	715.51	715.30	715.03	714.82	714.62	714.42	714.21	713.99	713.77	713.53	713.30	713.08	712.87	
EB CMB BASE	719.52	719.28	719.04	718.83	718.62	718.39	718.17	717.95	717.73	717.50	717.26	717.05	716.84	716.66	716.43	716.20	715.98	715.77	715.56	715.28	715.10	714.86	714.66	714.43	714.21	713.98	713.74	713.55	713.37	713.12	712.88	

<p>Clorba Group, Inc. CONSULTING ENGINEERS 1507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60642 Tel: 773.778.4009 Fax: 773.778.4014 Email: clorba@clorba.com</p>	USER NAME = jk.jellman DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE = 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE	F.A.I. RTE. 80 SECTION 99(5&5-1) Y-1 COUNTY WILL CONTRACT NO. 60M59	TOTAL SHEETS 309 SHEET NO. 45
	PLOT SCALE = 50.0000' / IN. PLOT DATE = 12/6/2010	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1023+00 TO STA. 1038+00	ILLINOIS FED. AID PROJECT			



TOP OF WALL	1038+00	1039+00	1040+00	1041+00	1042+00	1043+00	1044+00	1045+00	1046+00	1047+00	1048+00	1049+00	1050+00	1051+00	1052+00	1053+00																	
715	716.37	716.19	715.94	715.75	715.56	715.34	714.91	714.71	714.48	714.25	714.03	713.80	713.60	713.40	713.18	712.96	712.71	712.47	712.23	712.02	711.77	711.55	711.33	711.11	710.89	710.67	710.43	710.19	709.92	709.66			
710																																	
705																																	
700																																	
WB PGL																																	
EB PGL																																	
WB CMB BASE																																	
EB CMB BASE																																	
WB PGL	713.35	713.14	712.91	712.69	712.43	712.22	711.91	711.62	711.38	711.15	710.92	710.69	710.47	710.25	710.03	709.82	709.60	709.39	709.16	708.94	708.73	708.52	708.30	708.09	707.88	707.67	707.45	707.24	707.02	706.81	706.60		
EB PGL	713.35	713.17	712.92	712.74	712.54	712.27	711.89	711.69	711.47	711.23	710.95	710.73	710.51	710.30	710.08	709.87	709.66	709.45	709.24	709.02	708.81	708.59	708.38	708.17	707.95	707.74	707.53	707.31	707.10	706.89	706.68		

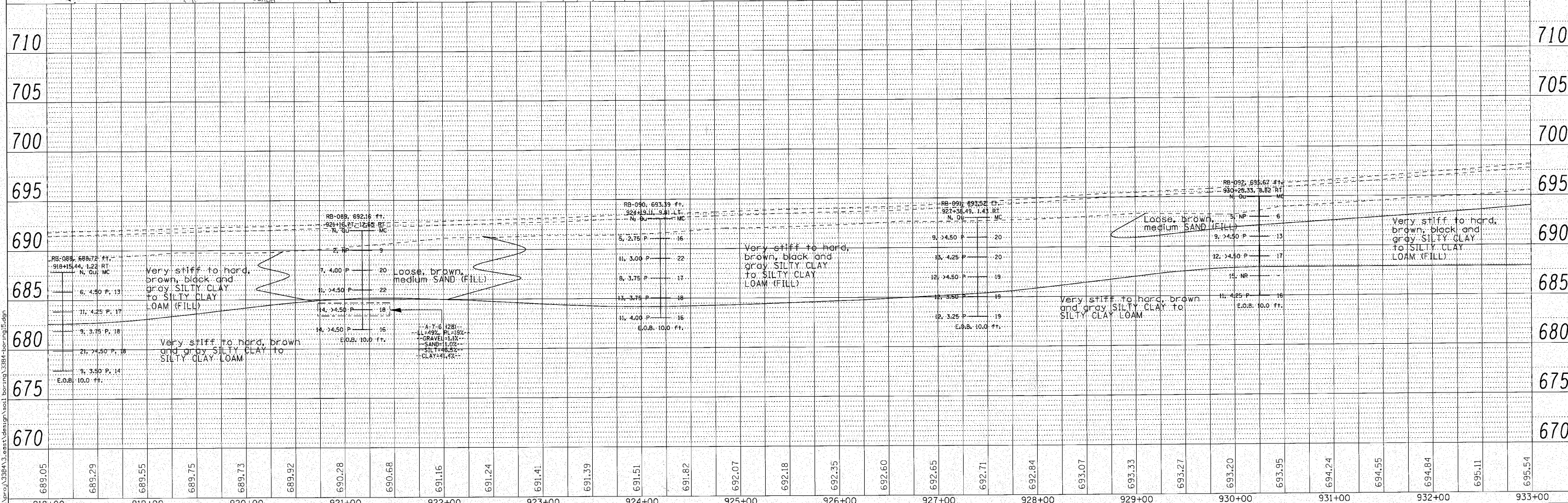
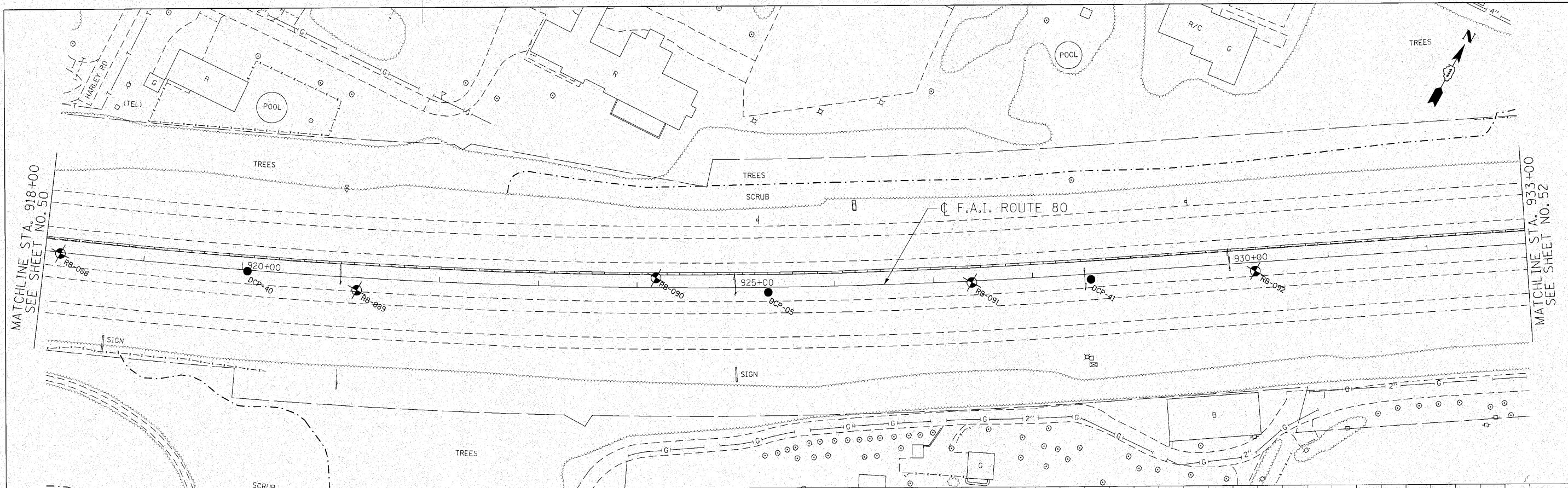
<p>Clorba Group, Inc. CONSULTING ENGINEERS 2007 North County Avenue, Suite 402 Chicago, IL 60641 Tel: 773.375.4014 Fax: 773.375.4014 Email: clorba@clorba.com</p>	USER NAME = jkellman PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/28/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE = 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 ROADWAY PLAN & PROFILE	F.A.I. RTE. = 80 SECTION = 9915&5-11 Y-1 COUNTY = WILL TOTAL SHEETS = 309 SHEET NO. = 46	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1038+00 TO STA. 1053+00						
	STA. 1038+00 TO STA. 1053+00						
	ILLINOIS FED. AID PROJECT						



1053+00	1054+00	1055+00	1056+00	1057+00	1058+00	1059+00	1060+00	1061+00	1062+00	1063+00	1064+00	1065+00	1066+00	1067+00	1068+00																
TOP OF WALL	709.66	709.38	709.09	708.74	708.41	708.05	707.69	707.31	706.94	706.53	706.12	705.72	705.31	704.91	704.55	704.17	703.80	703.38	702.97	702.54	702.12	701.71	701.30	700.91	700.52	700.07	699.68	699.28	705		
WB PCL	706.60	706.33	706.03	705.71	705.39	705.03	704.66	704.31	703.92	703.52	703.10	702.70	702.29	701.89	701.53	701.15	700.78	700.36	699.95	699.51	699.10	698.67	698.28	697.88	697.50	697.04	696.66	696.24	695.84	695.45	705
EB PCL	706.65	706.37	706.07	705.71	705.37	705.03	704.67	704.30	703.90	703.52	703.08	702.68	702.26	701.85	701.45	701.05	700.68	700.26	699.83	699.40	698.97	698.56	698.18	697.78	697.42	697.05	696.64	696.18	695.79	695.40	695.05
WB CMB BASE	706.16	705.85	705.55	705.23	704.91	704.55	704.18	703.81	703.44	703.03	702.62	702.22	701.81	701.41	701.05	700.67	700.30	699.88	699.47	699.04	698.62	698.21	697.80	697.41	697.02	696.56	696.18	695.75	695.40	695.05	
EB CMB BASE	706.65	706.37	706.07	705.71	705.37	705.03	704.67	704.30	703.90	703.52	703.08	702.68	702.26	701.85	701.45	701.05	700.68	700.26	699.83	699.40	698.97	698.56	698.18	697.78	697.42	697.05	696.64	696.18	695.79	695.40	695.05

DATE	BY
REVIEWED	DATE
PLANNED	BY
NOTED	DATE
NO.	BY
NO.	DATE
NO.	BY
NO.	DATE

DATE	BY
REVIEWED	DATE
PLANNED	BY
NOTED	DATE
NO.	BY
NO.	DATE
NO.	BY
NO.	DATE



689.05	689.29	689.55	689.75	689.73	689.92	690.28	690.68	691.16	691.24	691.41	691.39	691.51	691.82	692.07	692.18	692.35	692.60	692.65	692.71	692.84	693.07	693.33	693.27	693.20	693.95	694.24	694.55	694.84	695.11	695.54		
918+00	919+00	920+00	921+00	922+00	923+00	924+00	925+00	926+00	927+00	928+00	929+00	930+00	931+00	932+00	933+00																	

ENGINEERING CONSULTANT
Corba Group, Inc.
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 6607 North Cumberland Avenue, Suite 402
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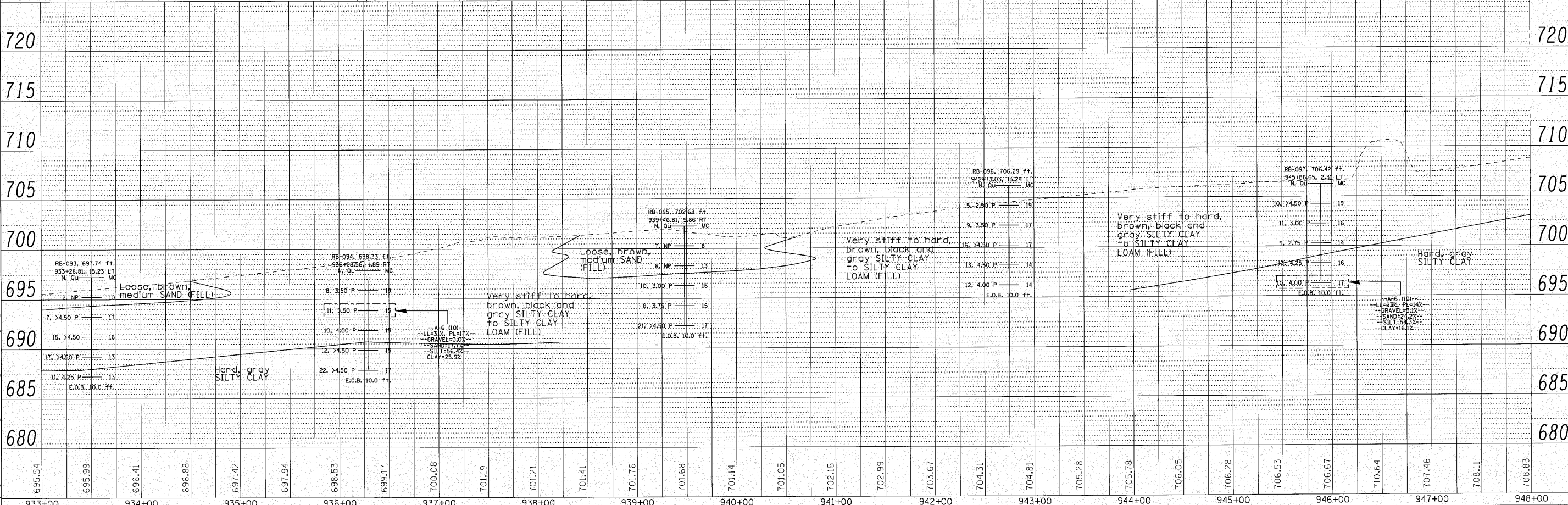
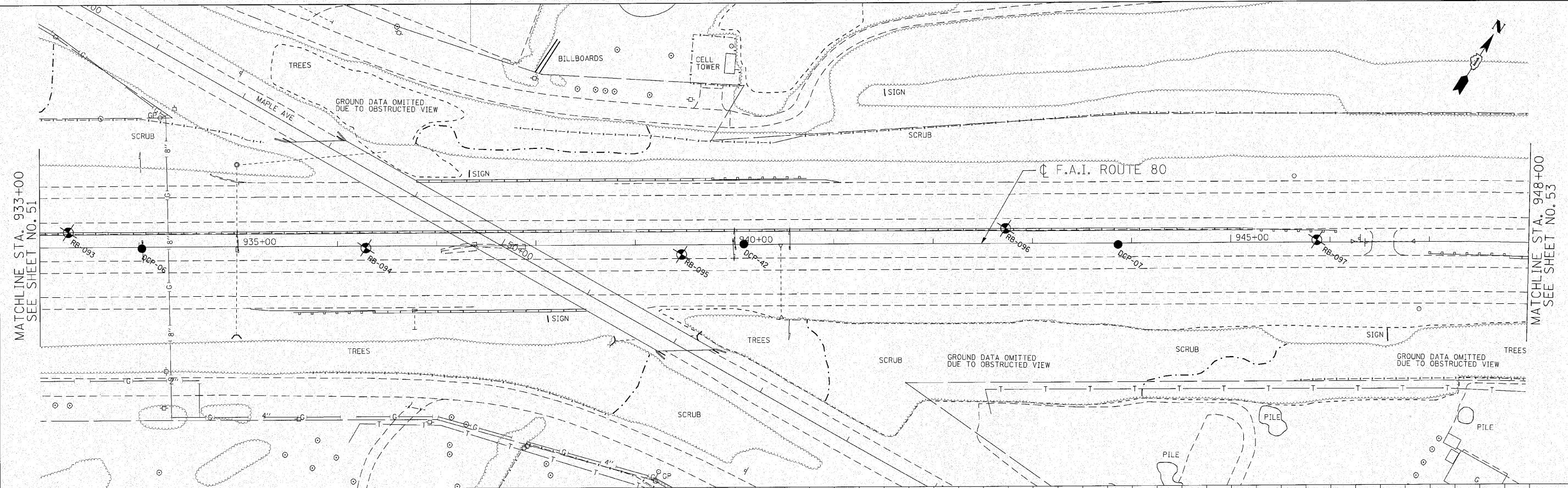
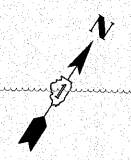
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PLLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE = 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO US 45
SOIL BORING LOCATION PLANS AND SOIL PROFILES

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 918+00 TO STA. 933+00

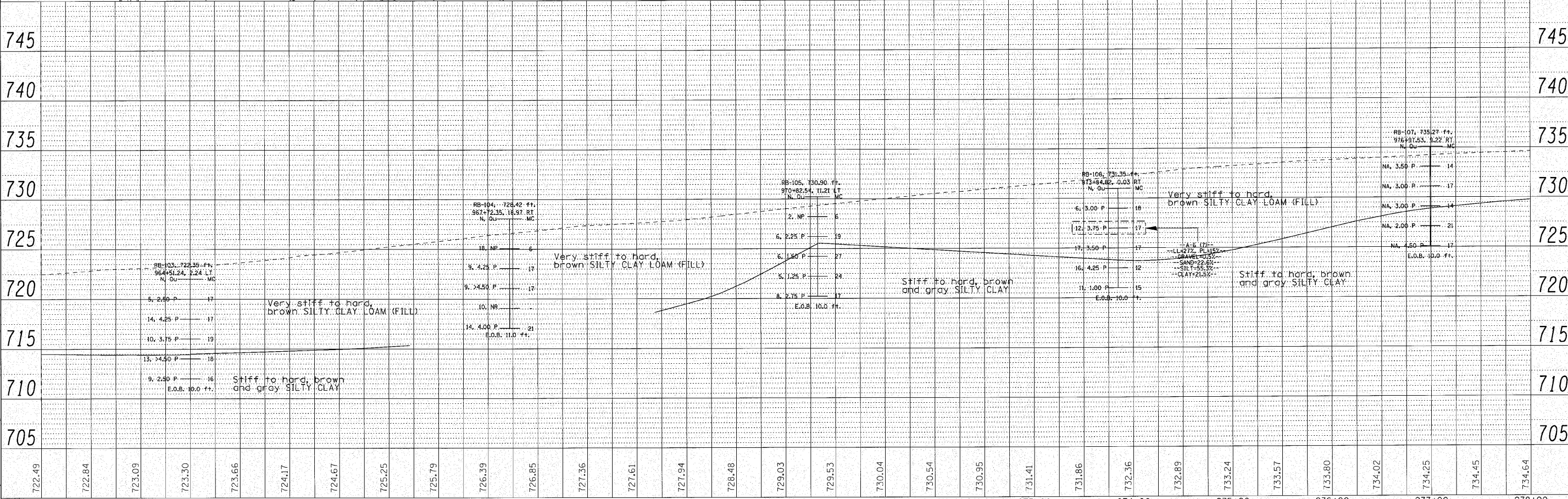
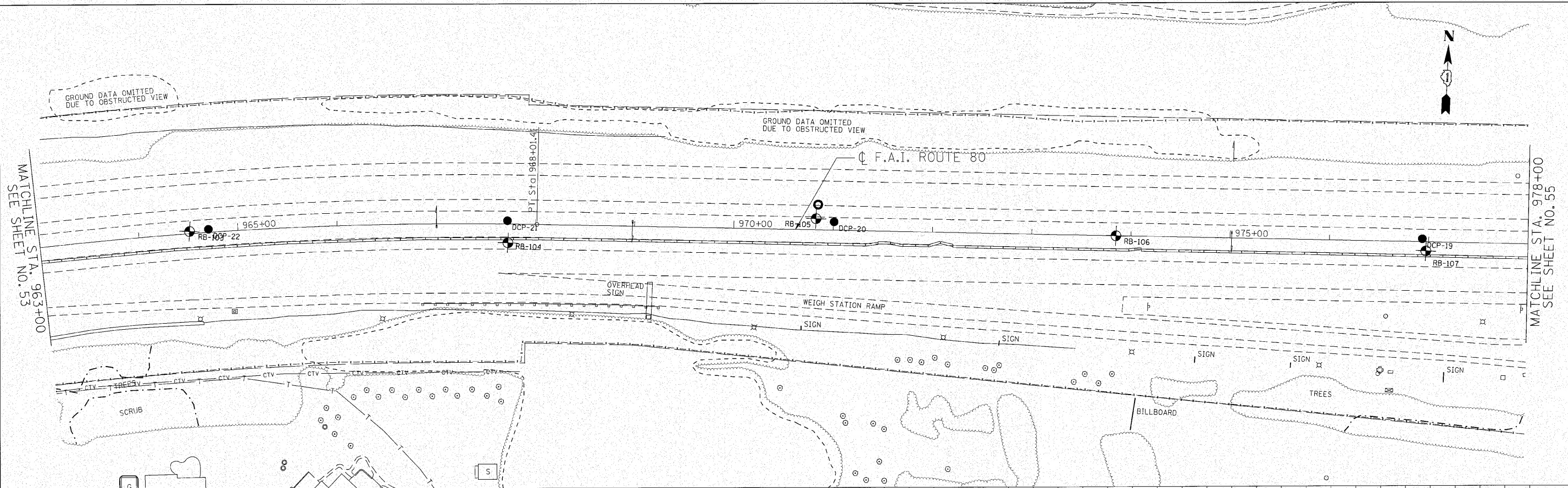
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	51
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	



PLAN	REVIEWED	DATE
NO.	BY	
NO.	DATE	
NO.	DATE	

PROFILE	REVIEWED	DATE
NO.	BY	
NO.	DATE	
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ENGINEERING CONSULTANT Gioba Group, Inc. CONSULTING ENGINEERS 5537 North Campbell Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.778.4009 Fax: 773.778.4014 Email: ggroup@gioba.com		USER NAME = mthomas DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 FROM US 30 TO US 45 SOIL BORING LOCATION PLANS AND SOIL PROFILES		SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 933+00 TO STA. 948+00	F.A.I. RTE. 80 SECTION 99(5&5-1) Y-1 COUNTY WILL TOTAL SHEETS 309 SHEET NO. 52 CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT
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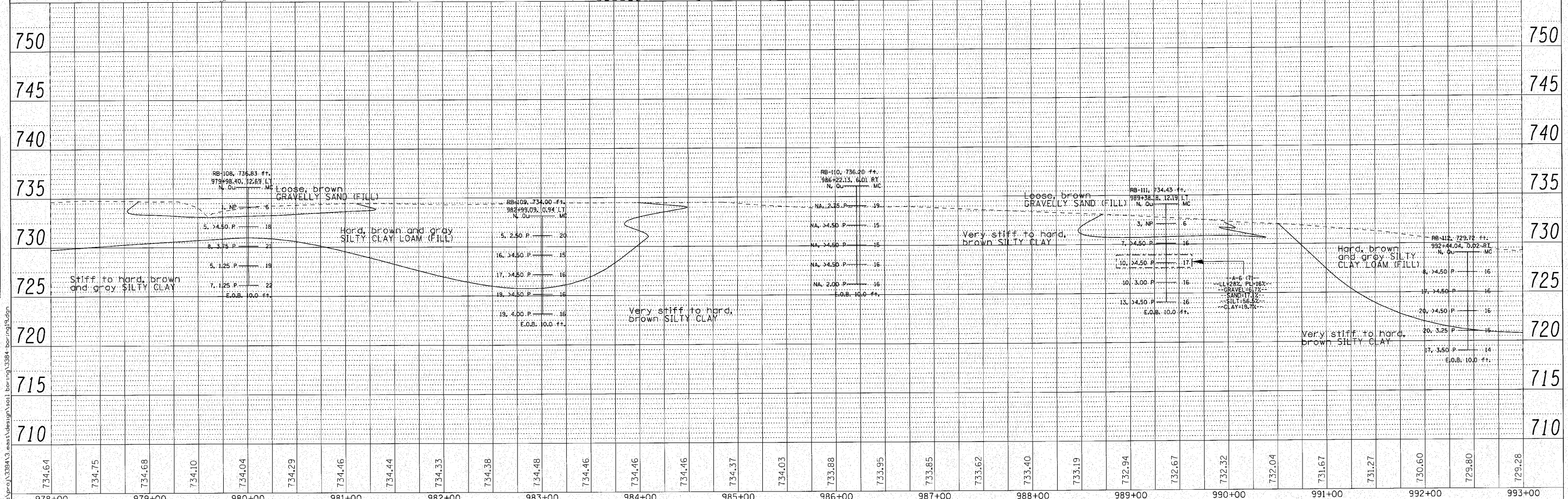
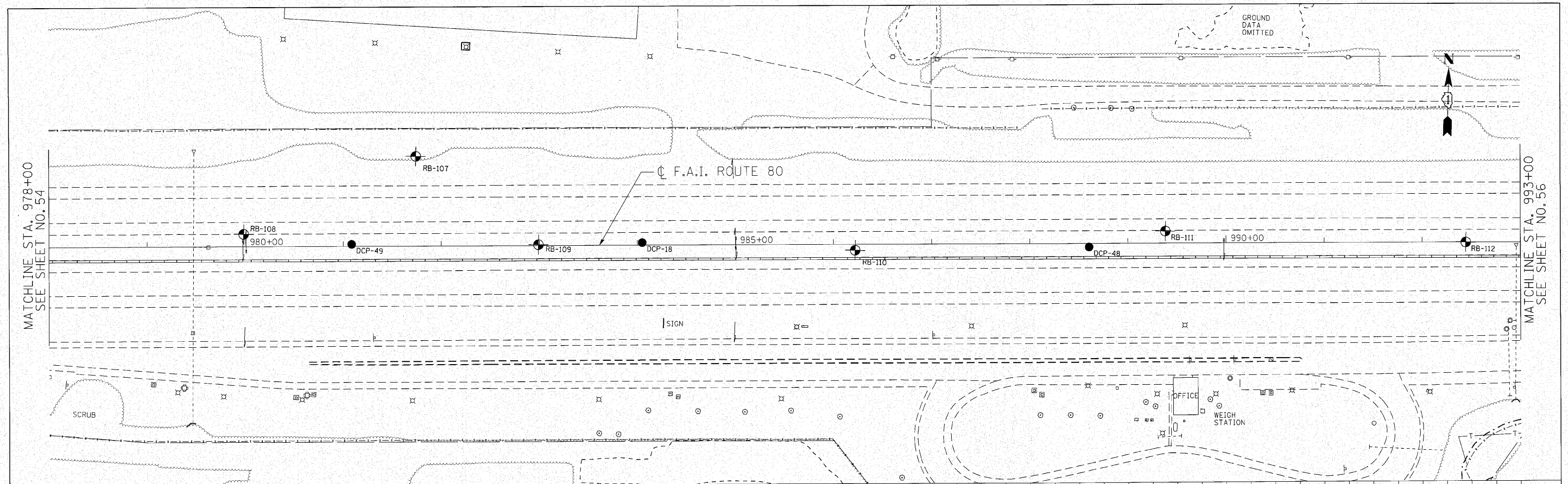
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ENGINEERING CONSULTANT Giorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4009 Fax: 773.776.4014 Email: ceng@cg-giorba.com		USER NAME = mthomas DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 FROM US 30 TO US 45 SOIL BORING LOCATION PLANS AND SOIL PROFILES		F.A.I. RTE. 80 SECTION 99(5&S-1) Y-1 COUNTY WILL TOTAL SHEETS 309 SHEET NO. 54 CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 963+00 TO STA. 978+00								

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	NOTATIONS	



978+00	979+00	980+00	981+00	982+00	983+00	984+00	985+00	986+00	987+00	988+00	989+00	990+00	991+00	992+00	993+00															
734.64	734.75	734.68	734.10	734.04	734.29	734.46	734.44	734.33	734.38	734.48	734.46	734.46	734.46	734.37	734.03	733.88	733.95	733.85	733.62	733.40	733.19	732.94	732.67	732.32	732.04	731.67	731.27	730.60	729.80	729.28

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USER NAME	= mthomas
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DATE	- 10/27/2010
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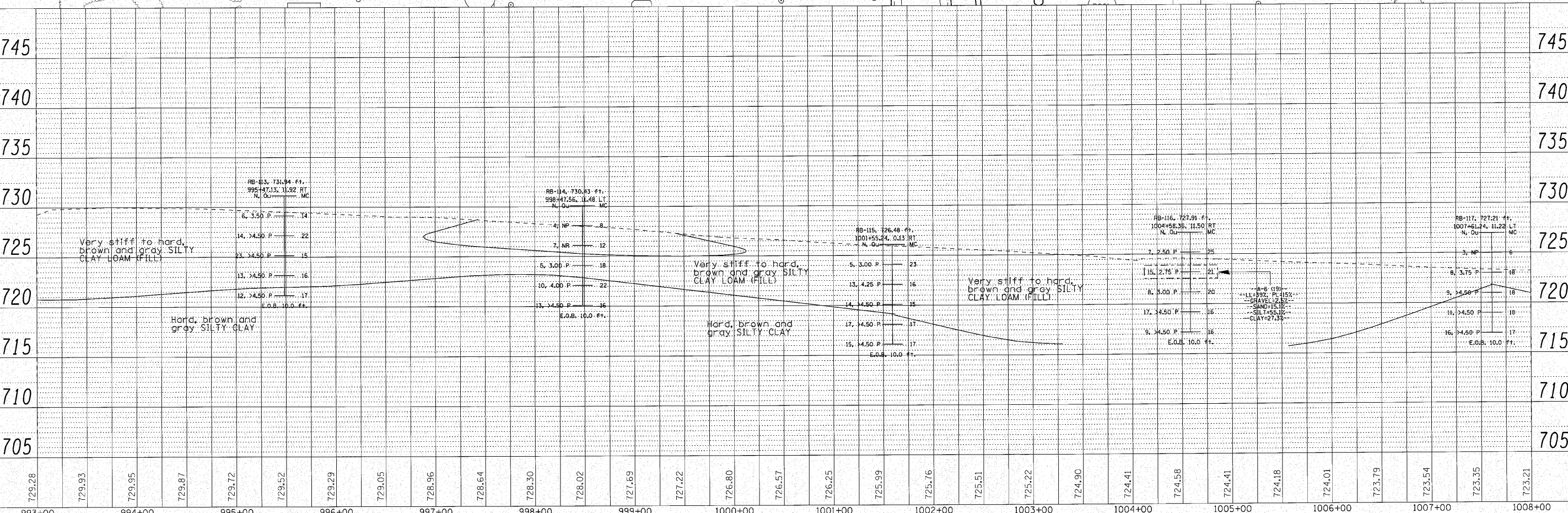
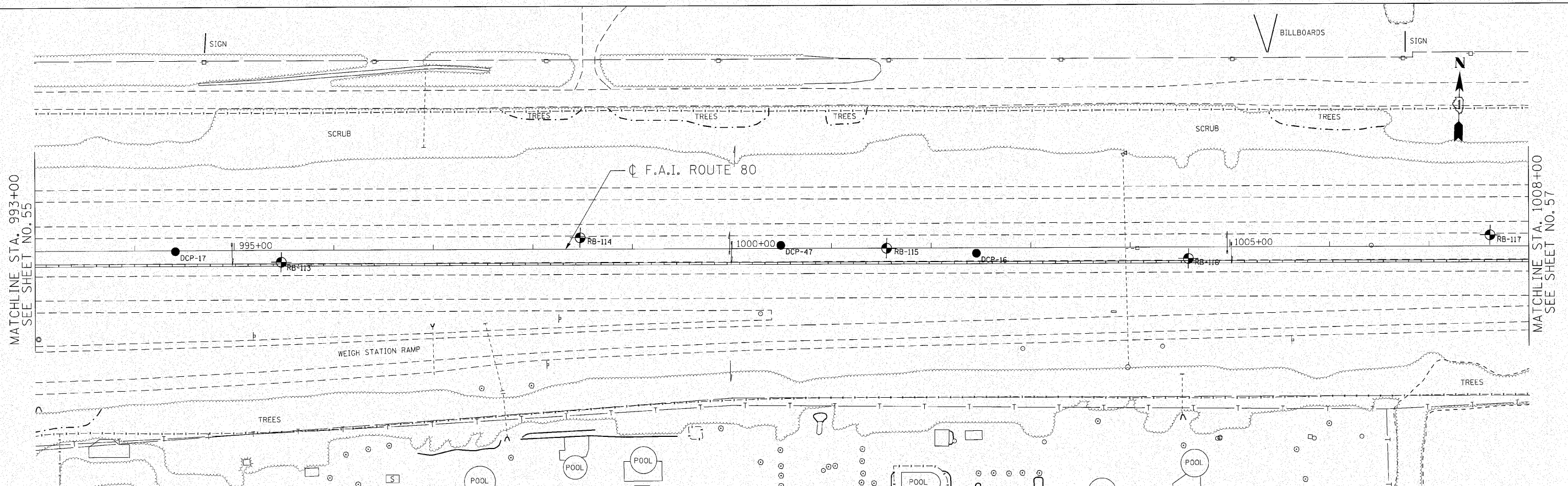
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO US 45
 SOIL BORING LOCATION PLANS AND SOIL PROFILES
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 978+00 TO STA. 993+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	55
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				

PLAN	DATE
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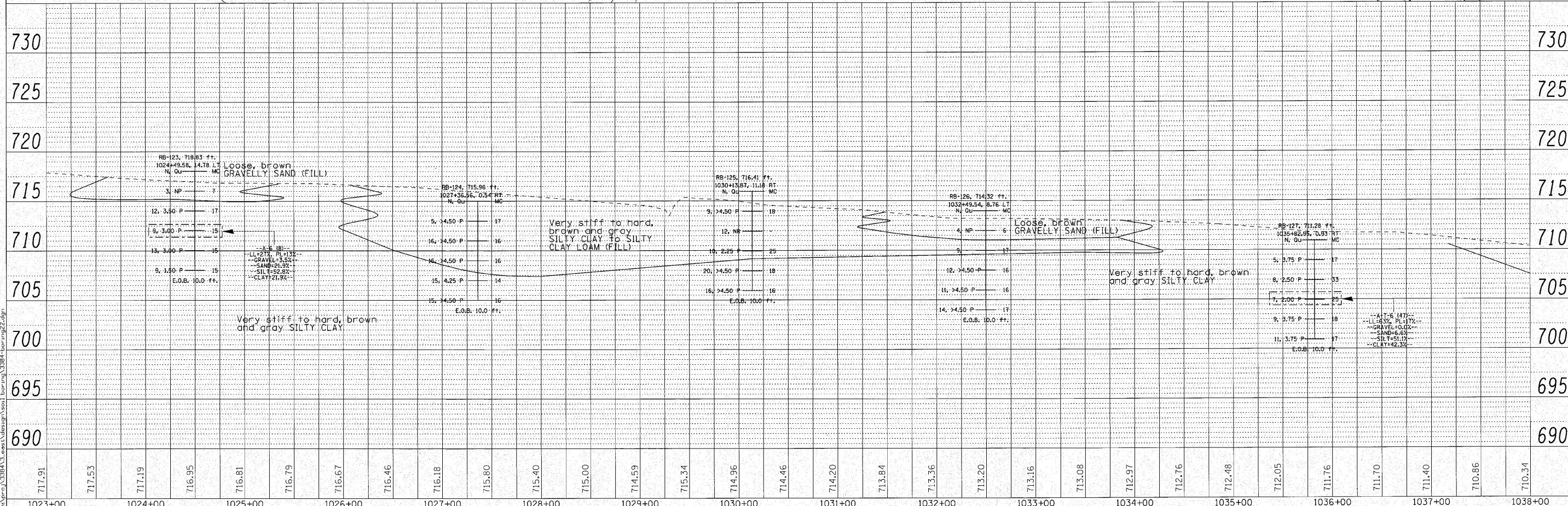
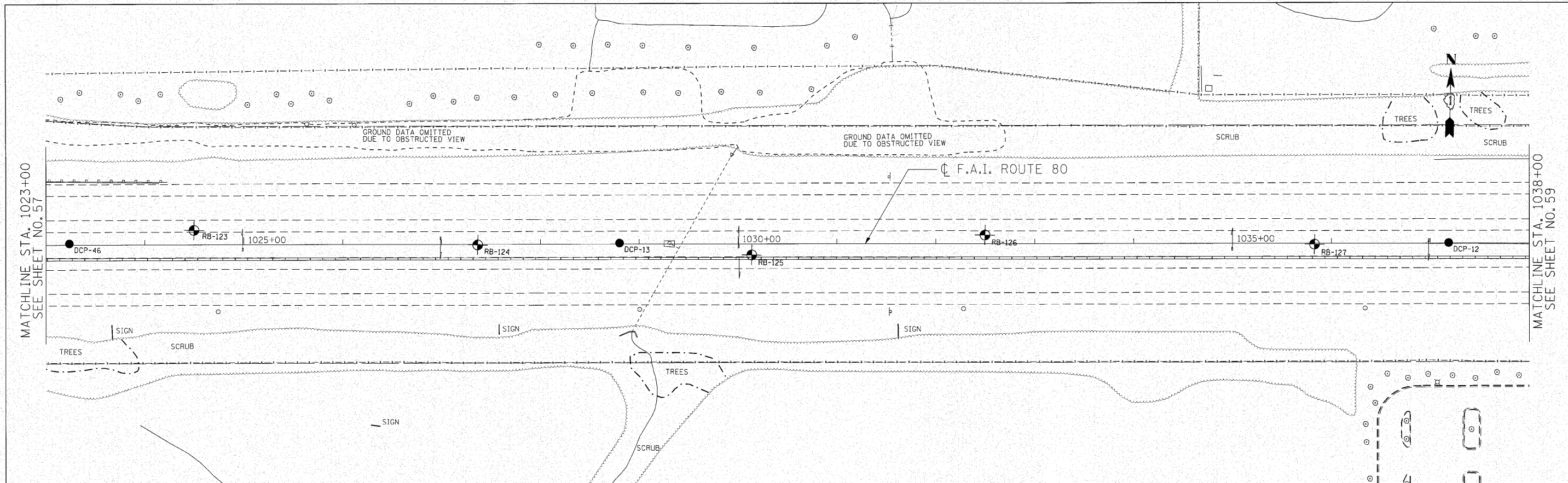
ENGINEERING CONSULTANT	USER NAME = mthomas	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 993+00 TO STA. 1008+00	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 56
CONTRACTOR	CONTRACT NO. 60M59	ILLINOIS FED. AID PROJECT							
DATE 10/27/2010	DATE 10/27/2010	DATE 10/27/2010	DATE 10/27/2010						

CG **Ciorba Group, Inc.**
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 Email: ciorba@ciorbagroup.com

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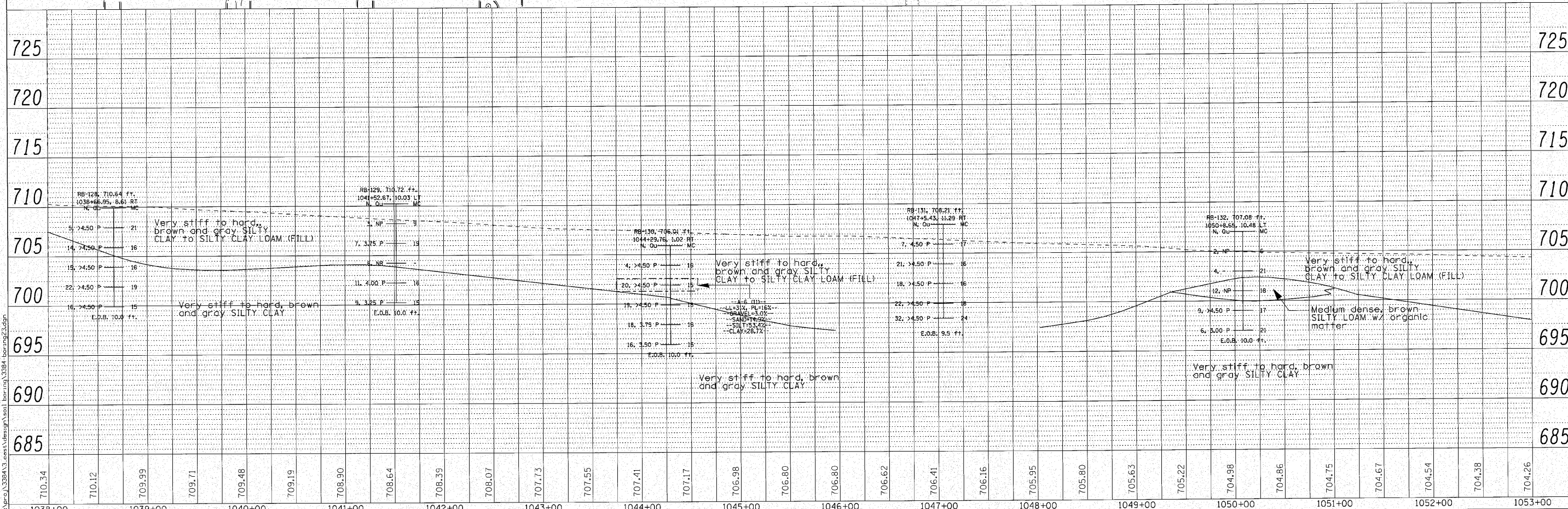
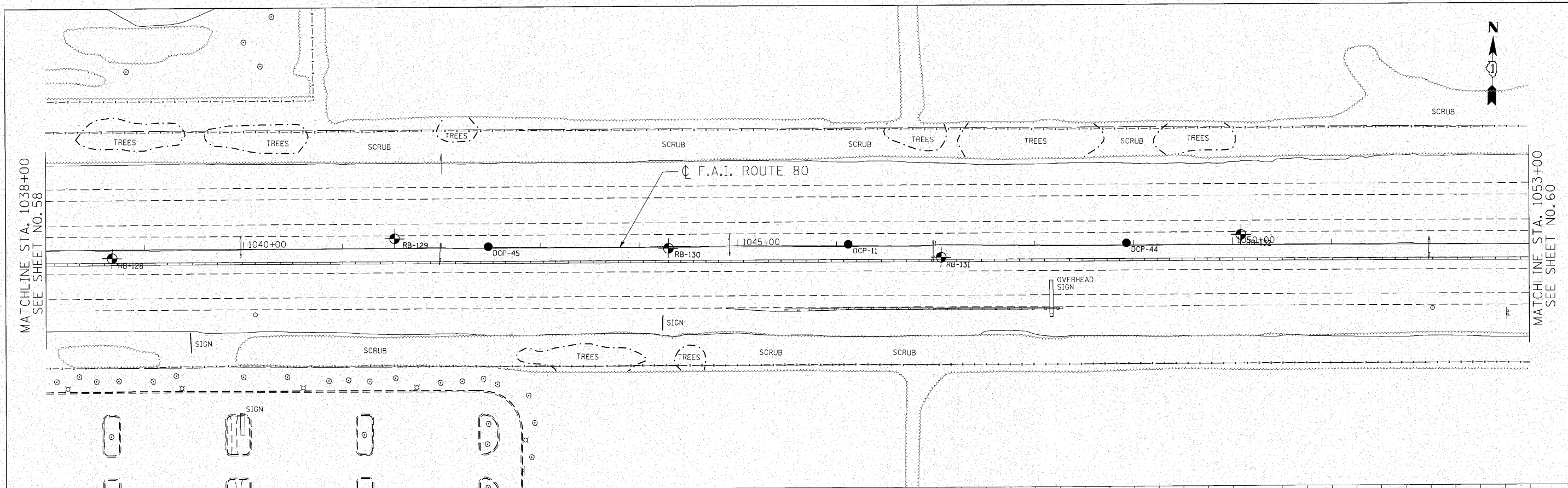
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ENGINEERING CONSULTANT		USER NAME = mthomas	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 80 FROM US 30 TO US 45 SOIL BORING LOCATION PLANS AND SOIL PROFILES	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 58
Clorba Group, Inc. CONSULTING ENGINEERS 8877 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4200 Fax: 773.776.4014 Email: Chicago@clorba.com		PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -		CONTRACT NO. 60M59		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/28/2010		CHECKED - MRJ	DATE - 10/27/2010	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 1023+00 TO STA. 1038+00		
		DATE - 10/27/2010	REVISED -							

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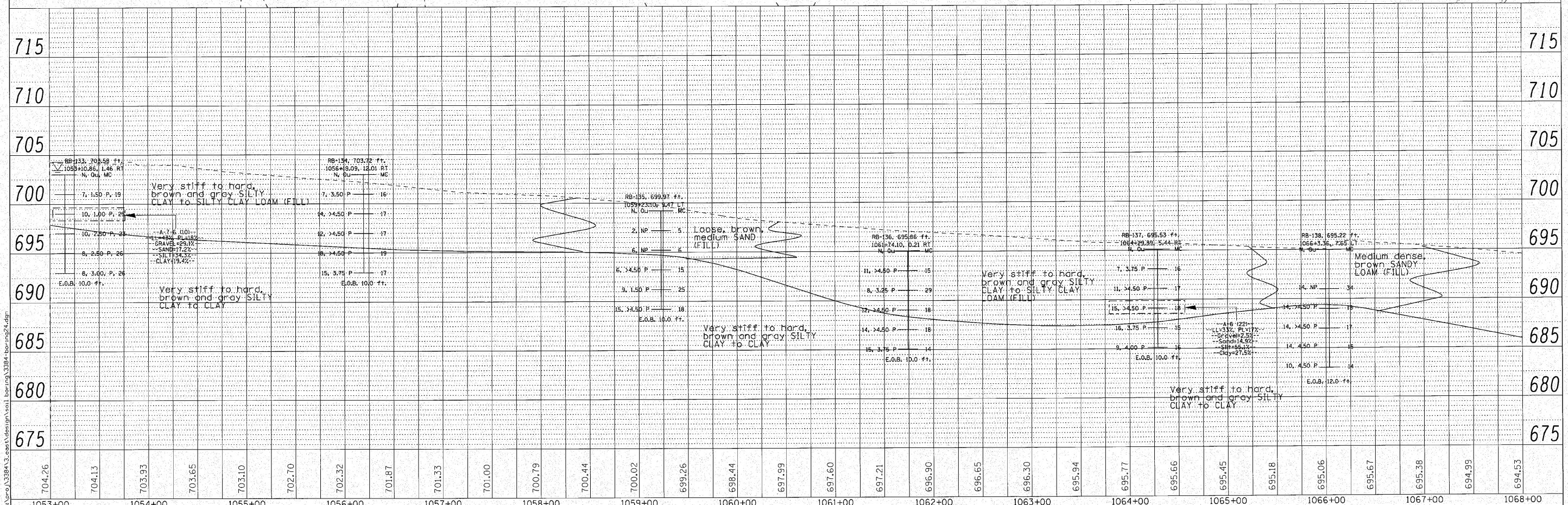
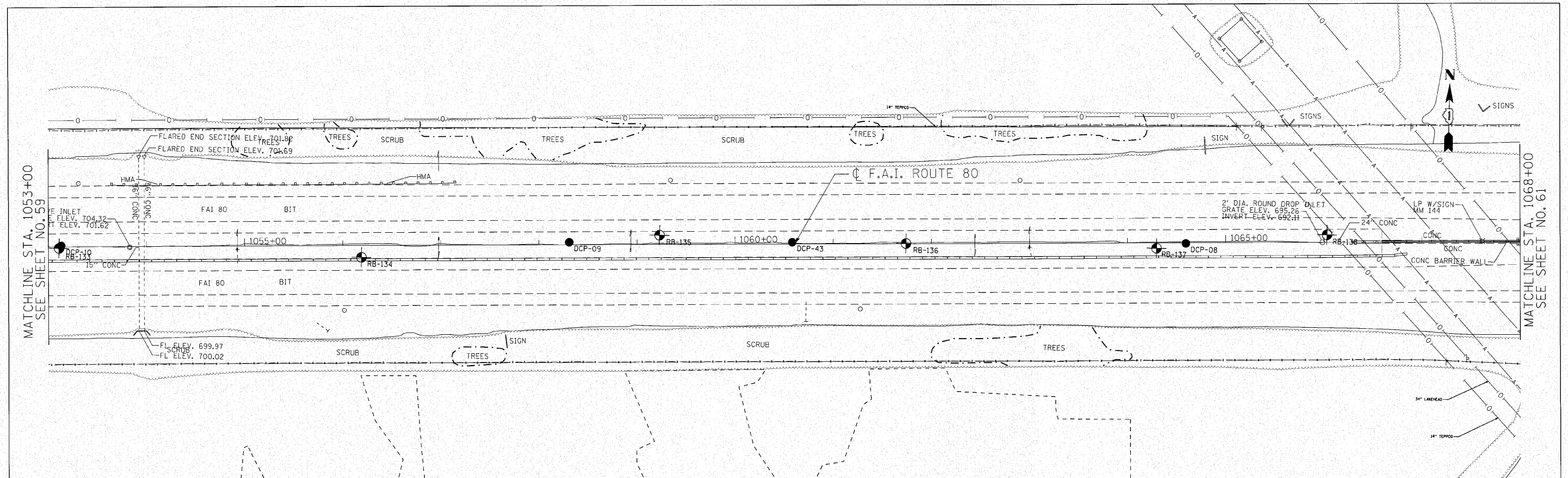
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ENGINEERING CONSULTANT				USER NAME = mthomas	DESIGNED - CRC	REVISED -	F.A.I. 80 FROM US 30 TO US 45				F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 59
Clorba Group, Inc.				PLLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 60M59				
5607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.778.4009 Fax: 773.778.4014 Email: office@clorba.com				PLLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -	SCALE: 1" = 50'				SHEET NO. OF SHEETS	STA. 1038+00 TO STA. 1053+00	ILLINOIS FED. AID PROJECT		
				DATE = 10/27/2010	REVISED -										

PLAN	REVISIONS	DATE
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PROFILE	REVISIONS	DATE
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NO. 9	BY	
NO. 10	BY	



1053+00	704.26	1054+00	703.13	703.93	703.65	703.10	702.70	702.32	701.87	701.33	701.00	700.79	700.44	700.02	699.26	698.44	697.99	697.60	697.21	696.90	696.65	696.30	695.94	695.77	695.66	695.45	695.18	695.06	694.67	694.38	694.99	694.53	1068+00
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ENGINEERING CONSULTANT

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 CONSULTING ENGINEERS
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USER NAME = mthomas	DESIGNED - CRC	REVISED -
PLOT SCALE = 50,0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO US 45
SOIL BORING LOCATION PLANS AND SOIL PROFILES
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1053+00 TO STA. 1068+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	60
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

STAGING AND TRAFFIC CONTROL DESCRIPTION

PRE-STAGE WORK

CONSTRUCTION:
PERFORM TREE PRUNING AND TREE REMOVAL OPERATIONS. REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS. COVER ALL SIGNAGE THAT WILL CONFLICT WITH TRAFFIC PATTERN IN STAGE I.

MAINTENANCE OF TRAFFIC:
ALL PRE-STAGE WORK WILL BE PERFORMED USING IDOT STANDARD 701426.

SUB-STAGE I

CONSTRUCTION:
PERFORM MANHOLE AND OUTLET CONSTRUCTION ALONG WITH STORM SEWER JACKING AT STATION 889+40 (WESTBOUND) AND STATION 902+00 (EASTBOUND).

MAINTENANCE OF TRAFFIC:
MAINTAIN TWO LANES OF WESTBOUND TRAFFIC ON EXISTING INSIDE AND OUTSIDE LANES.
MAINTAIN TWO LANES OF EASTBOUND TRAFFIC ON EXISTING INSIDE AND OUTSIDE LANES.
MAINTENANCE OF TRAFFIC WILL BE IDENTICAL TO STAGE I, EXCLUDING THE WEAVE AT THE NORFOLK SOUTHERN BRIDGE.

STAGE I

CONSTRUCTION:
INSTALL INSIDE CONCRETE BARRIER, PCC SHOULDER, SHOULDER RUMBLE STRIPS, STABILIZED SUB-BASE, AGGREGATE SUBGRADE AND STORM SEWER.

COMPLETE ALL STRUCTURAL WORK ON THE SOUTH SIDE OF THE WESTBOUND I-80 BRIDGE OVER THE NORFOLK SOUTHERN RAILROAD.

COMPLETE ALL STRUCTURAL WORK ON THE NORTH SIDE OF THE EASTBOUND I-80 BRIDGE OVER THE NORFOLK SOUTHERN RAILROAD.

JACK STORM SEWER FROM OUTSIDE OF SHOULDER.

MAINTENANCE OF TRAFFIC:
MAINTAIN TWO LANES OF WESTBOUND TRAFFIC ON EXISTING INSIDE AND OUTSIDE LANES.
MAINTAIN TWO LANES OF EASTBOUND TRAFFIC ON EXISTING INSIDE AND OUTSIDE LANES.
TRAFFIC WILL BE WEAVED TO THE OUTSIDE LANE AND OUTSIDE SHOULDER AT THE NORFOLK SOUTHERN RAILROAD.
TEMPORARY CONCRETE BARRIER SHALL BE UTILIZED TO PROVIDE POSITIVE SEPARATION BETWEEN THE WORK ZONE AND TRAFFIC LANES AS SHOWN IN THE STAGING AND TRAFFIC CONTROL PLANS.
STORM SEWER JACKING TAKING PLACE BEYOND THE OUTSIDE SHOULDER SHALL BE PERFORMED UNDER DISTRICT ONE STANDARD TC-17 OR IDOT STANDARD 701101.

STAGE IA

CONSTRUCTION:
PERFORM PAVEMENT PATCHING ON THE EASTBOUND AND WESTBOUND INSIDE LANES

MAINTENANCE OF TRAFFIC:
PATCHING WORK TO BE PERFORMED DURING A WEEKEND APPROVED BY THE ENGINEER. WORK SHALL BE PERFORMED USING IDOT DISTRICT 1 STANDARD TC-25.
REFER TO MOT TYPICAL SECTIONS FOR LANE CONFIGURATION DURING PATCHING OPERATIONS AND CURING.

STAGE IB

CONSTRUCTION:
INSTALL PERMANENT PAVEMENT MARKING.

MAINTENANCE OF TRAFFIC:
STAGE IB WORK WILL BE PERFORMED DURING NON-PEAK HOURS USING IDOT STANDARD 701426.

STAGE II

CONSTRUCTION:
INSTALL OUTSIDE GUARDRAIL AND CULVERTS.
REGRADE DITCHES AS REQUIRED.

COMPLETE ALL STRUCTURAL WORK ON THE SOUTH SIDE OF THE EASTBOUND I-80 BRIDGE OVER THE NORFOLK SOUTHERN RAILROAD.

COMPLETE ALL STRUCTURAL WORK ON THE NORTH SIDE OF THE WESTBOUND I-80 BRIDGE OVER THE NORFOLK SOUTHERN RAILROAD.

CONSTRUCT RUMBLE STRIPS ON EASTBOUND OUTSIDE SHOULDER.

MAINTENANCE OF TRAFFIC:
MAINTAIN TWO LANES OF WESTBOUND TRAFFIC ON WESTBOUND PROPOSED INSIDE LANE AND PROPOSED MIDDLE LANE.
MAINTAIN TWO LANES OF EASTBOUND TRAFFIC ON EASTBOUND PROPOSED INSIDE LANE AND PROPOSED MIDDLE LANE.

STAGE IIA

CONSTRUCTION:
PERFORM PAVEMENT PATCHING ON THE EASTBOUND AND WESTBOUND OUTSIDE LANES

MAINTENANCE OF TRAFFIC:
PATCHING WORK TO BE PERFORMED DURING A WEEKEND APPROVED BY THE ENGINEER. WORK SHALL BE PERFORMED USING IDOT DISTRICT 1 STANDARD TC-25. REFER TO MOT TYPICAL SECTIONS FOR LANE CONFIGURATIONS DURING PATCHING OPERATIONS AND CURING.

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ENGINEERING CONSULTANT	USER NAME = jk,jellman	DESIGNED - CRC	REVISED -
		DRAWN - JMK	REVISED -
	PLOT SCALE = 1/8000' / 1" IN.	CHECKED - MRJ	REVISED -
	PLOT DATE = 10/28/2010	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - GENERAL DESCRIPTION			
SCALE: 1" = 50'	SHEET NO. OF	SHEETS	STA. TO STA.

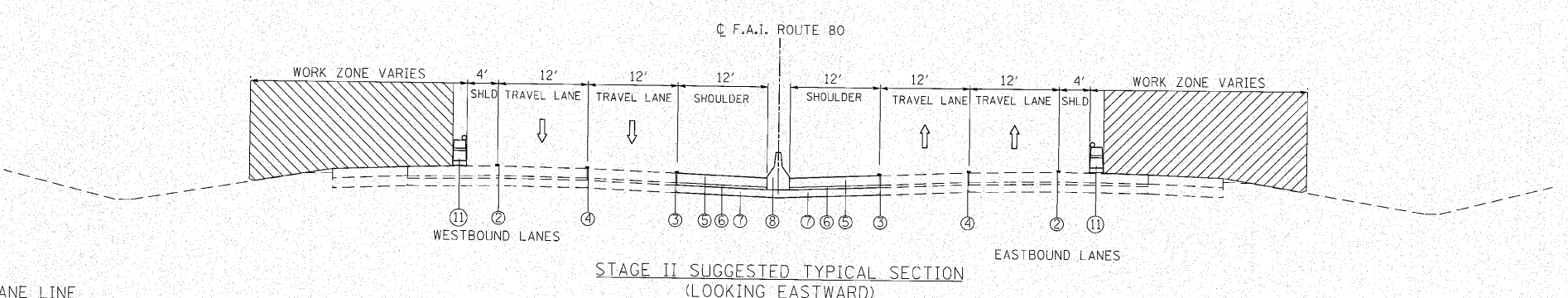
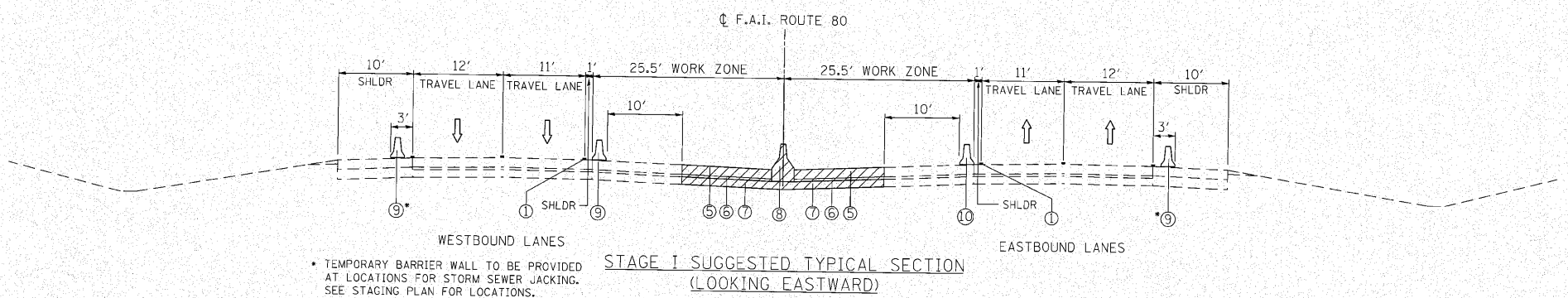
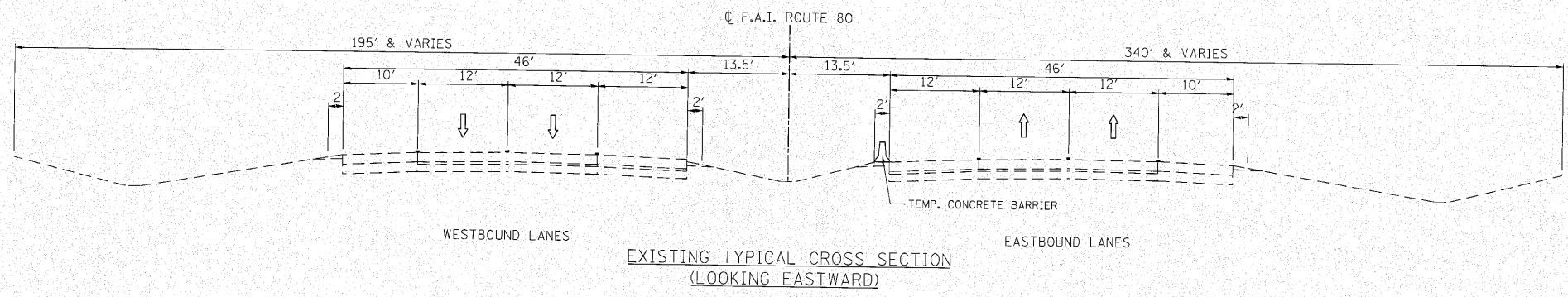
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	62
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				

STAGING AND TRAFFIC CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND TRAFFIC CONTROL WORK WITH ADJOINING OR OVERLAPPING CONTRACTS. THE COST OF ANY ADDITIONAL TRAFFIC CONTROL AND/OR TEMPORARY CONSTRUCTION ITEMS REQUIRED FOR SUCH COORDINATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."
2. THE STAGING AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE STAGING AND TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
3. THE ENGINEER SHALL BE INFORMED 21 DAYS IN ADVANCE OF ANY CHANGE TO THE STAGING AND TRAFFIC CONTROL PLANS.
4. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT, OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
5. ALL TRAFFIC CONTROL DEVICES USED FOR TRAFFIC CONTROL AND PROTECTION, AS DETAILED ON THE PLANS, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN TRAFFIC CONTROL AND PROTECTION SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING EXISTING SPEED LIMIT SIGNS, GUIDE SIGNS, OR ANY OTHER CONFLICTING SIGNS FOR THE DURATION OF THE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT THE METHOD IN WHICH THE SIGNS WILL BE COVERED TO THE ENGINEER FOR APPROVAL.
7. LOCATIONS OF CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
8. IN ADDITION TO THE PROPOSED DRAINAGE STRUCTURES SHOWN ON THE PLANS, THE EXISTING DRAINAGE SYSTEM SHALL BE UTILIZED THROUGHOUT THE MAINTENANCE OF TRAFFIC CONSTRUCTION STAGING.
9. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT AREAS TO TRAFFIC, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."
10. LOCATIONS OF WORK ZONE EXIT AND ENTRY OPENINGS SHALL BE COORDINATED WITH THE ENGINEER. WORK ZONE OPENINGS ARE PROHIBITED WITHIN 1500' OF THE EXTREME ENDS OF ENTRANCE AND EXIT RAMP. THE OPENINGS SHALL CONSTRUCTED ACCORDING TO DISTRICT 1 STANDARD TC-18 AND SHALL UTILIZE A TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 IMPACT ATTENUATOR TO PROTECT THE BARRIER WALL OPENING. ALL COSTS ASSOCIATED WITH CONSTRUCTING, SIGNING, FLAGGING, MAINTAINING, PROTECTING, RELOCATING, AND REMOVING THE OPENINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
11. THE EXISTING TEMPORARY CONCRETE BARRIER WALL LOCATED WITHIN THE PROJECT LIMITS IS NOT COMPATIBLE WITH THE CURRENT "F" SHAPE TEMPORARY CONCRETE BARRIER (IDOT STANDARD 704001). THE TWO TYPES OF WALL CANNOT BE INTERMIXED. IF AFTER THE INSTALLATION OF WORK ZONE EXIT AND ENTRY OPENINGS THERE IS NOT ENOUGH EXISTING BARRIER FOR THE EASTBOUND SIDE OF STAGE I, OR IF ANY OF THE EXISTING BARRIER IS DAMAGED AND REQUIRES REPLACEMENT, IDOT SHALL BE CONTACTED AS EARLY AS POSSIBLE TO LOCATE SUITABLE BARRIER COMPATIBLE WITH THE EXISTING BARRIER. THE COST OF ANY ADDITIONAL CONCRETE BARRIER FURNISHED BY IDOT WILL BE PAID FOR AS TEMPORARY CONCRETE BARRIER (STATE OWNED).
12. AFTER THE EXISTING TEMPORARY CONCRETE BARRIER IS NO LONGER NEEDED, IT SHALL BE REMOVED FROM THE PROJECT AND DISPOSED OF OR RECYCLED BY THE CONTRACTOR. THIS WORK WILL BE PAID FOR AS REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED.
13. PRIOR TO BEGINNING WORK IN STAGE II, THE CONTRACTOR MUST NOTIFY RICH TELFORD WITH IDOT, AT 217-782-7416 IN ORDER TO COORDINATE TEMPORARY CONDITIONS FOR THE PRE-PASS LANES FOR THE WEIGH STATION AT APPROXIMATELY STATION 989+50.
14. A QUANTITY OF "REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A" HAS BEEN PROVIDED FOR TEMPORARY ACCESS TO LOCATIONS BEHIND GUARDRAIL. IF THE CONTRACTOR ELECTS TO ACCESS THOSE AREAS WITHOUT REMOVING THE GUARDRAIL, THE QUANTITY SHALL BE DEDUCTED AND NOT ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

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 Ciorba Group, Inc. CONSULTING ENGINEERS <small>5507 North Cumberland Avenue, Suite 432 Chicago, Illinois 60650 Tel: 773.775.4000 Fax: 773.775.4014 Email: ciorba@ciorba.com</small>	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - GENERAL NOTES	F.A.I. RTE. = 80	SECTION = 99(5&5-1) Y-1	COUNTY = WILL	TOTAL SHEETS = 309	SHEET NO. = 63
	PLOT SCALE = 1:80000 // IN.	CHECKED - MRJ	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60M59	
	PLOT DATE = 10/28/2010	DATE = 10/27/2010	REVISED -							



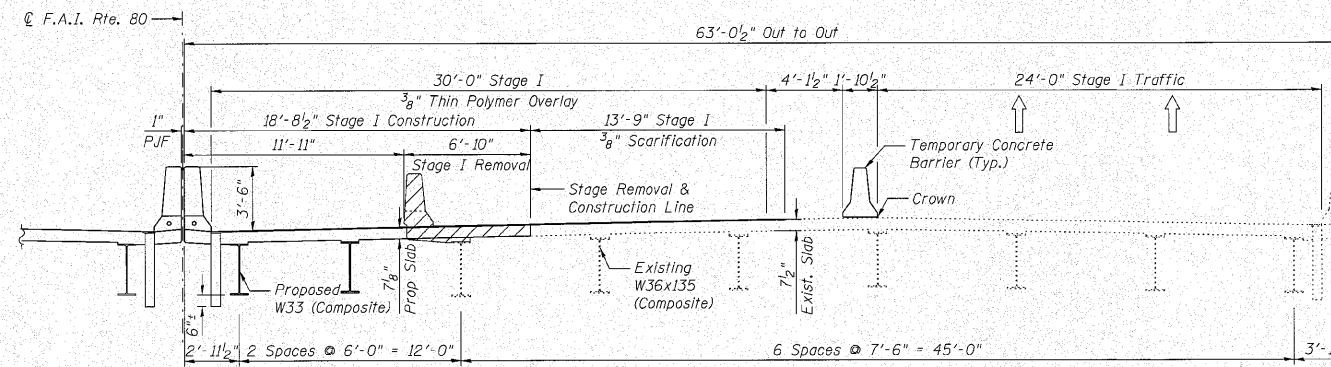
- LEGEND**
- ① PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ② PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ③ POLYUREA PAVT. MARKING TYPE I, 4" (YELLOW)
 - ④ POLYUREA PAVT. MARKING TYPE I, 5" (WHITE 10' DASH 30' SKIP)
 - ⑤ PROPOSED PCC SHOULDER 12-1/4"
 - ⑥ PROPOSED STABILIZED SUB-BASE, 4"
 - ⑦ PROPOSED AGGREGATE SUBGRADE, 12"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE
 - ⑨ TEMPORARY CONCRETE BARRIER
 - ⑩ RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)
 - ⑪ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C

NOTES:
 A MINIMUM DISTANCE OF 1 FOOT SHALL BE MAINTAINED BETWEEN THE LANE LINE AND THE TEMPORARY CONCRETE BARRIER THROUGHOUT THE PROJECT.

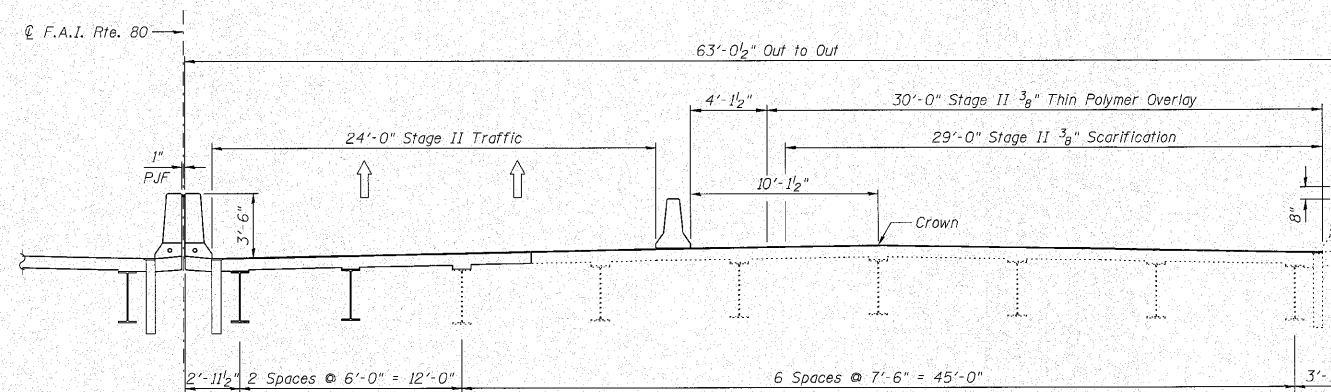
• TEMPORARY BARRIER WALL TO BE PROVIDED AT LOCATIONS FOR STORM SEWER JACKING. SEE STAGING PLAN FOR LOCATIONS.

nt:\p\0\3384\3_sen\design\mst\3384E-1\working_figures\01.dwg

<p>Ciorba Group, Inc. CONSULTING ENGINEERS 8801 North Cumberland Avenue, Suite 402 Chicago, IL 60631-9026 Tel: 773.775.8922 Fax: 773.775.4914 Email: ciorba@ciorba.com</p>	USER NAME = jkjelman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 64	
	PLT SCALE = 10.00' / IN.	CHECKED - MRJ	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60M59
	PLT DATE = 10/28/2010	DATE = 10/27/2010	REVISED -					ILLINOIS FED. AID PROJECT			



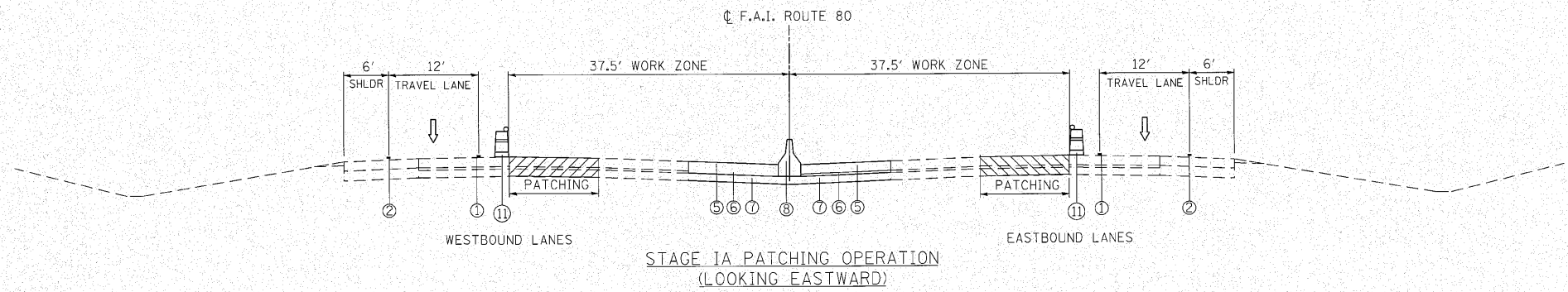
STAGE I CONSTRUCTION
I-80 OVER THE NS RAILROAD



STAGE II CONSTRUCTION
I-80 OVER THE NS RAILROAD

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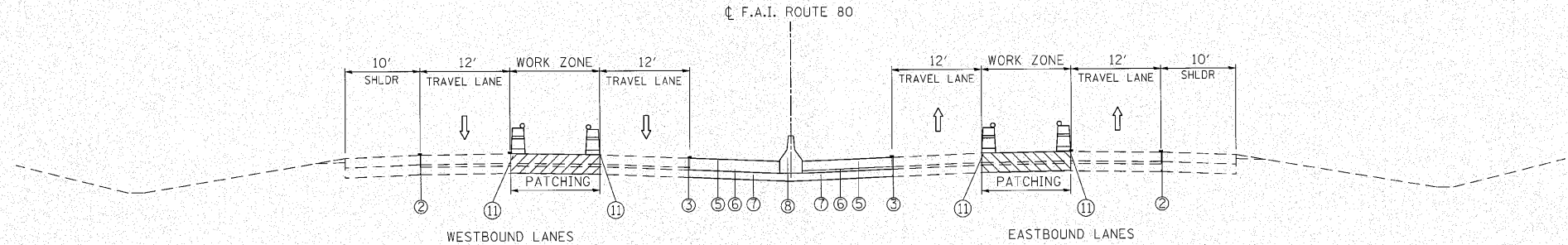
Giorba Group, Inc. CONSULTING ENGINEERS 6507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60655 Tel: 773.775.4009 Fax: 773.775.4014 Email: info@giorba.com	USER NAME = jkjoellman DESIGNED - CRC DRAWN - JMK CHECKED - MRJ PLOT DATE = 12/28/2010	REVISIONS REVISIONS REVISIONS REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS	F.A.I. RTE.: 80 SECTION: 99(5&S-1) Y-1 COUNTY: WILL TOTAL SHEETS: 309 SHEET NO.: 65	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT
	SCALE: SHEET NO. OF SHEETS STA. TO STA.					



STAGE IA PATCHING OPERATION
(LOOKING EASTWARD)

LEGEND

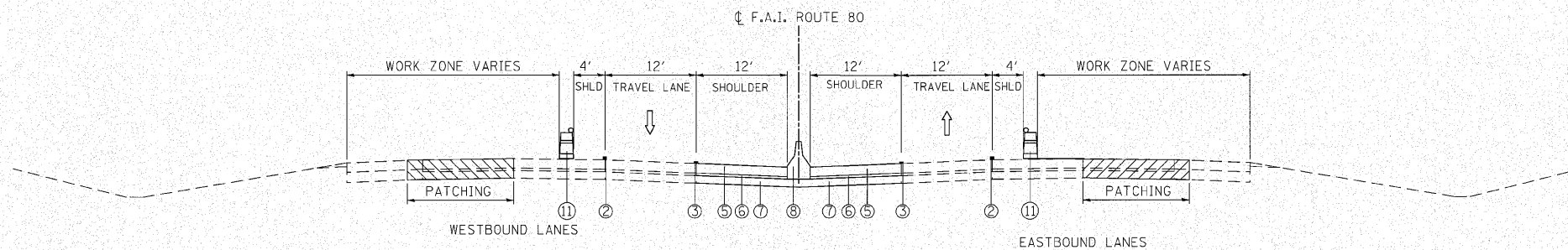
- ① PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
- ② PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
- ③ POLYUREA PAVT. MARKING TYPE I, 4" (YELLOW)
- ④ POLYUREA PAVT. MARKING TYPE I, 5" (WHITE 10' DASH 30' SKIP)
- ⑤ PROPOSED PCC SHOULDER 12-1/4"
- ⑥ PROPOSED STABILIZED SUB-BASE, 4"
- ⑦ PROPOSED AGGREGATE SUBGRADE, 12"
- ⑧ CONCRETE BARRIER, DOUBLE FACE
- ⑨ TEMPORARY CONCRETE BARRIER
- ⑩ RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)
- ⑪ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C



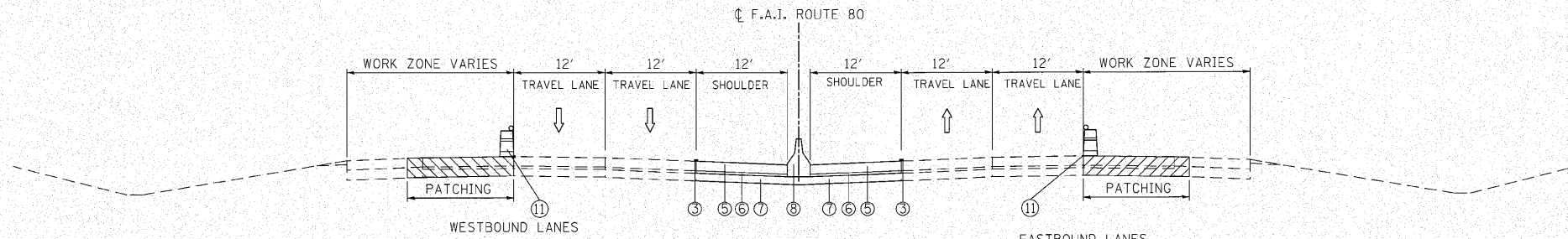
STAGE IA PATCH CURING
(LOOKING EASTWARD)

m:\p\0\1338A\1338A\design\work\338A-E-staging-typical.dwg

<p>Gioba Group, Inc. CONSULTING ENGINEERS 6507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60650 Tel: 773.775.4000 Fax: 773.775.4014 Email: cinfo@gioba.com</p>	USER NAME = jkjoilman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS		F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 66
	PLOT SCALE = 10.00' / IN.	CHECKED - MRJ	REVISED -		DATE = 10/27/2010	REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



STAGE IIA PATCHING OPERATION
(LOOKING EASTWARD)

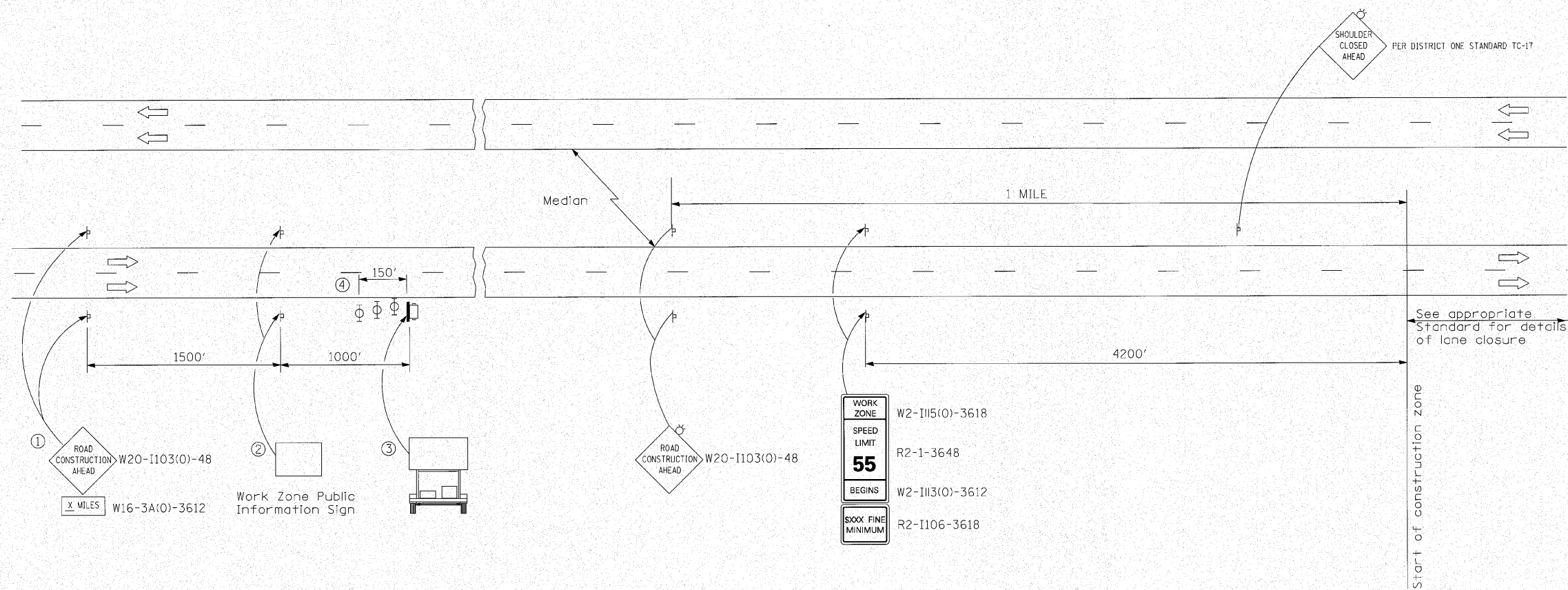


STAGE IIA PATCH CURING
(LOOKING EASTWARD)

- LEGEND**
- ① PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ② PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ③ POLYUREA PAVT. MARKING TYPE I, 4" (YELLOW)
 - ④ POLYUREA PAVT. MARKING TYPE I, 5" (WHITE 10' DASH 30' SKIP)
 - ⑤ PROPOSED PCC SHOULDER 12-1/4"
 - ⑥ PROPOSED STABILIZED SUB-BASE, 4"
 - ⑦ PROPOSED AGGREGATE SUBGRADE, 12"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE
 - ⑨ TEMPORARY CONCRETE BARRIER
 - ⑩ RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)
 - ⑪ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C

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ENGINEERING CONSULTANT Giorba Group, Inc. CONSULTING ENGINEERS <small>5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: chicago@giorba.com</small>	USER NAME = jkjeilman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS	F.A.I. RTE. = 80	SECTION = 99(5&5-1) Y-1	COUNTY = WILL	TOTAL SHEETS = 309	SHEET NO. = 67
	PLT SCALE = 1/8" = 1' IN.	CHECKED - MRJ	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT		
	PLT DATE = 10/28/2010	DATE = 10/27/2010	REVISED -							



WORK ZONE	W2-I115(O)-3618
SPEED LIMIT	R2-1-3648
55	
BEGINS	W2-I113(O)-3612
XXX FINE MINIMUM	R2-I106-3618

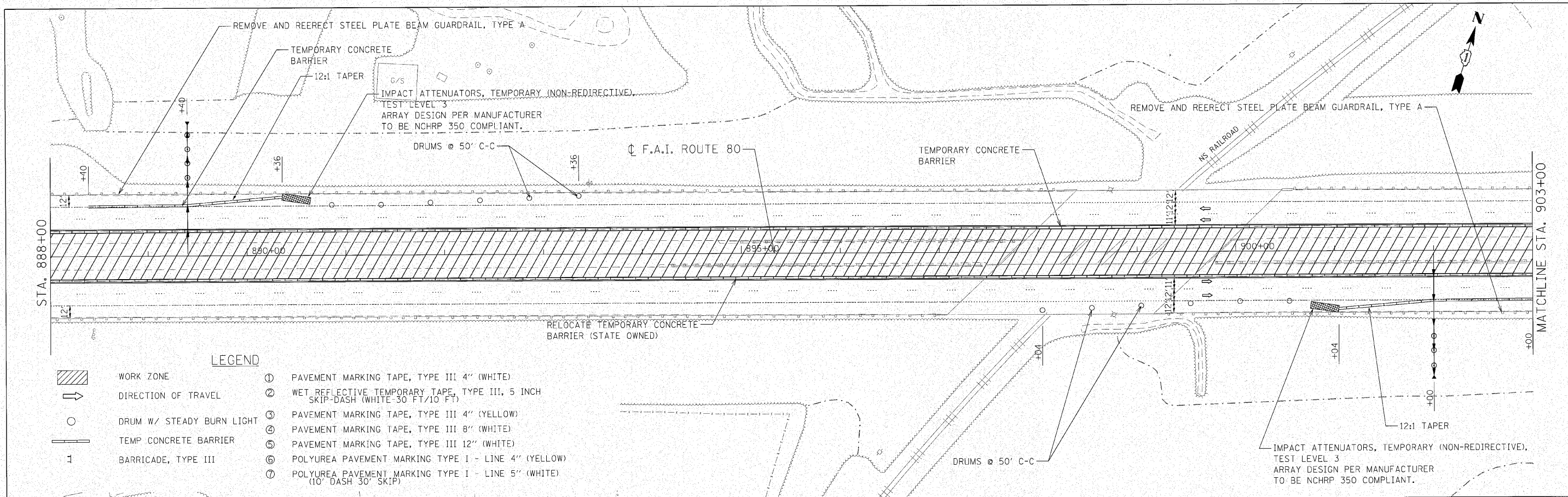
SYMBOLS

- ↑ Arrow board
- Portable changeable message sign
- ⊥ Sign

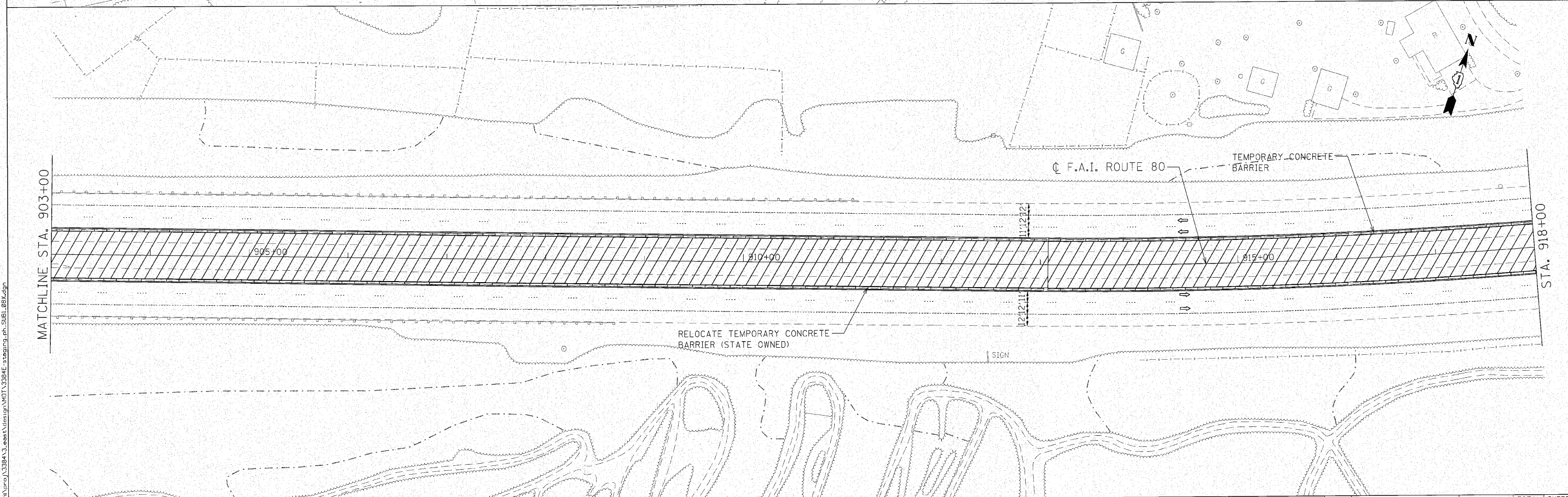
- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ The message board display shall be directed by the engineer.
- ④ Three, Type II barricades, drums, or vertical barricades at 50' centers.

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




Giorba Group, Inc. CONSULTING ENGINEERS 6507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60650 Tel: 773.775.4000 Fax: 773.775.4014 Email: giorba@giorba.com	USER NAME = jkjo11man DESIGNED - CRC DRAWN - JMK CHECKED - MRJ PLOT DATE = 10/28/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 CONSTRUCTION ZONE APPROACH DETAIL	F.A.I. RTE. 80 SECTION 99(5&5-1) Y-1 COUNTY WILL TOTAL SHEETS 309 SHEET NO. 68	CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT
	PLOT SCALE = 0:15.240 m / IN. DATE - 10/27/2010	SCALE: SHEET NO. OF SHEETS STA. TO STA.					



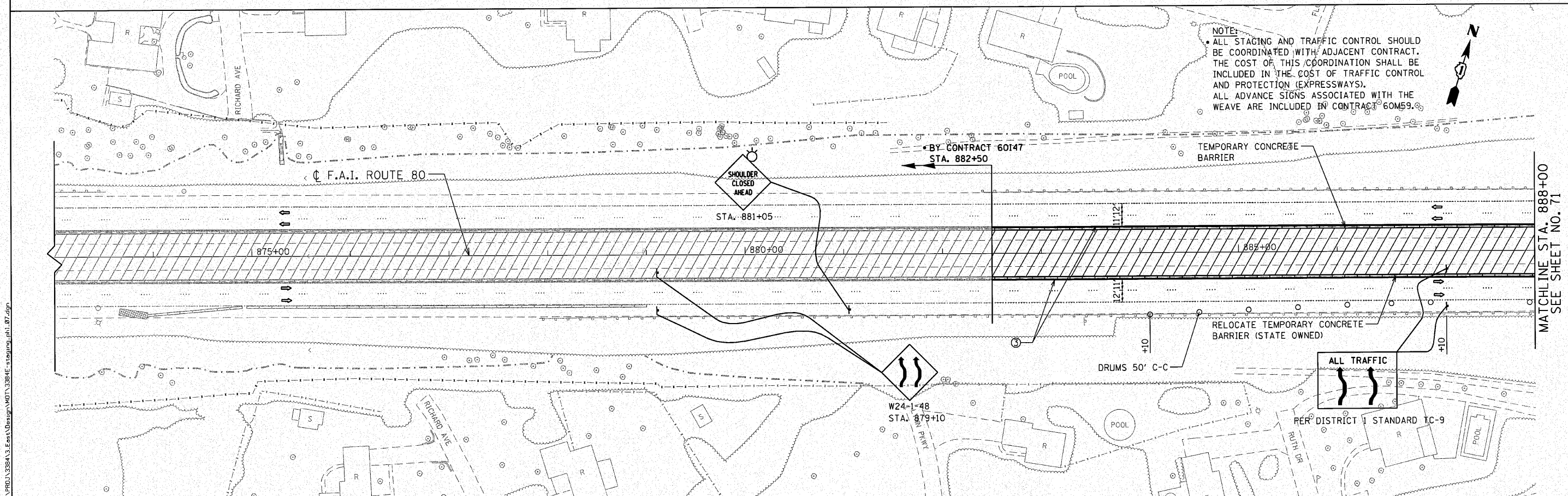
- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE 30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)




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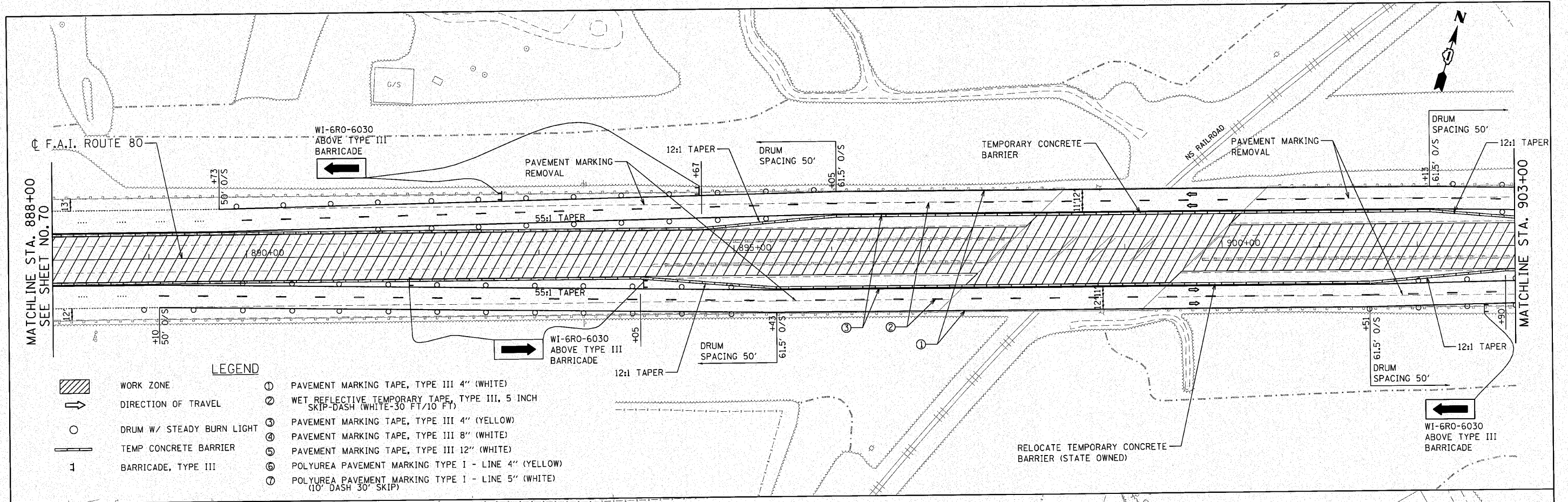
LEGEND		
	WORK ZONE	① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
	DIRECTION OF TRAVEL	② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
	DRUM W/ STEADY BURN LIGHT	③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
	TEMP CONCRETE BARRIER	④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
	BARRICADE, TYPE III	⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
		⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
		⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

NOTE:
 ALL STAGING AND TRAFFIC CONTROL SHOULD BE COORDINATED WITH ADJACENT CONTRACT. THE COST OF THIS COORDINATION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). ALL ADVANCE SIGNS ASSOCIATED WITH THE WEAVE ARE INCLUDED IN CONTRACT 60M59.

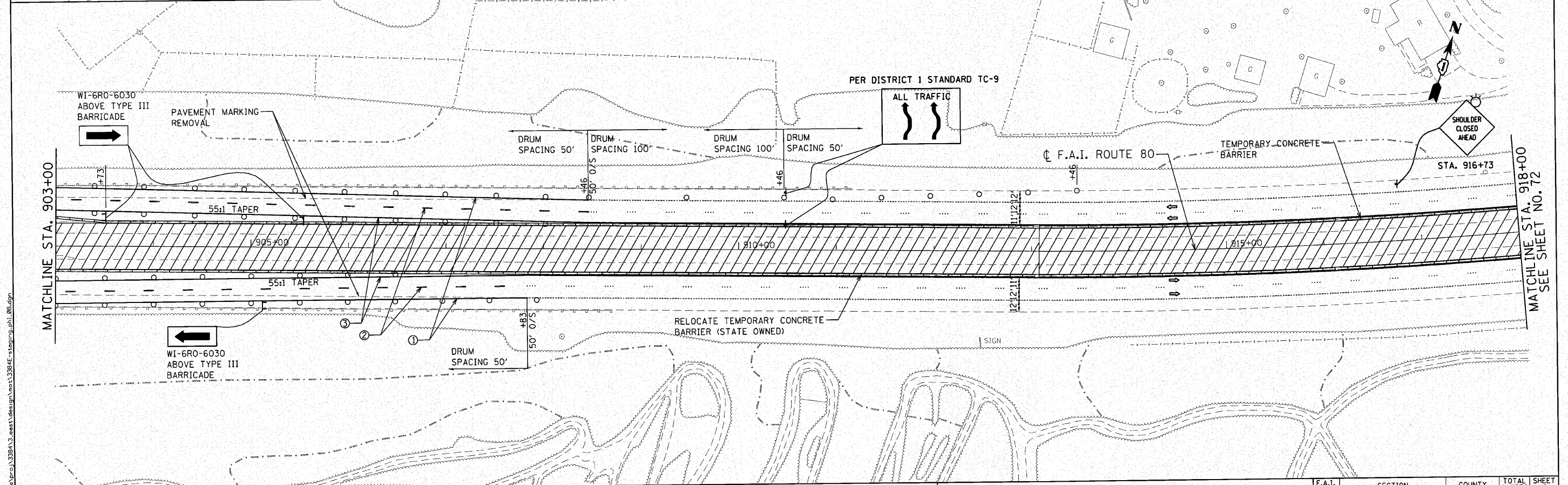


MATCHLINE STA. 888+00
SEE SHEET NO. 71

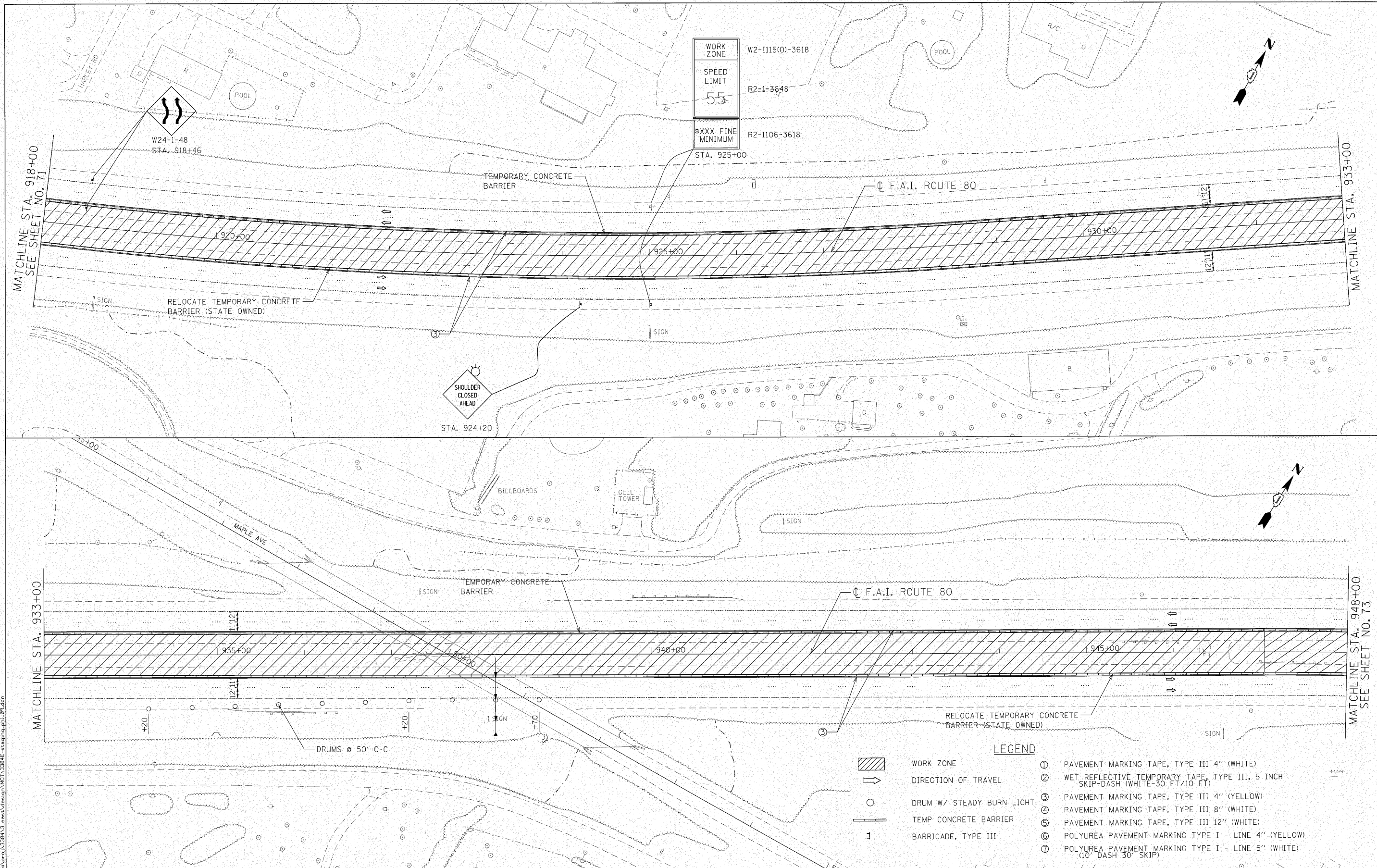
 ENGINEERING CONSULTANT USER NAME = jk.jellman DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010 PLOT SCALE = 50,0000' / IN. PLOT DATE = 12/3/2010	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - STAGE I		F.A.I. RTE. 80 SECTION 99(5&5-1) Y-1 COUNTY WILL TOTAL SHEETS 309 SHEET NO. 70
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 882+50 TO STA. 888+00			CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)



<p>ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 6007 North Campbell Avenue, Suite 602 Chicago, IL 60630 Tel: 773.774.4000 Fax: 773.774.4014 Email: chrisg@clorba.com</p>	USER NAME = jk.jellman PLOT SCALE = 50.0000' / IN. PLOT DATE = 12/3/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - STAGE I	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 71
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 888+00 TO STA. 918+00					CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT				



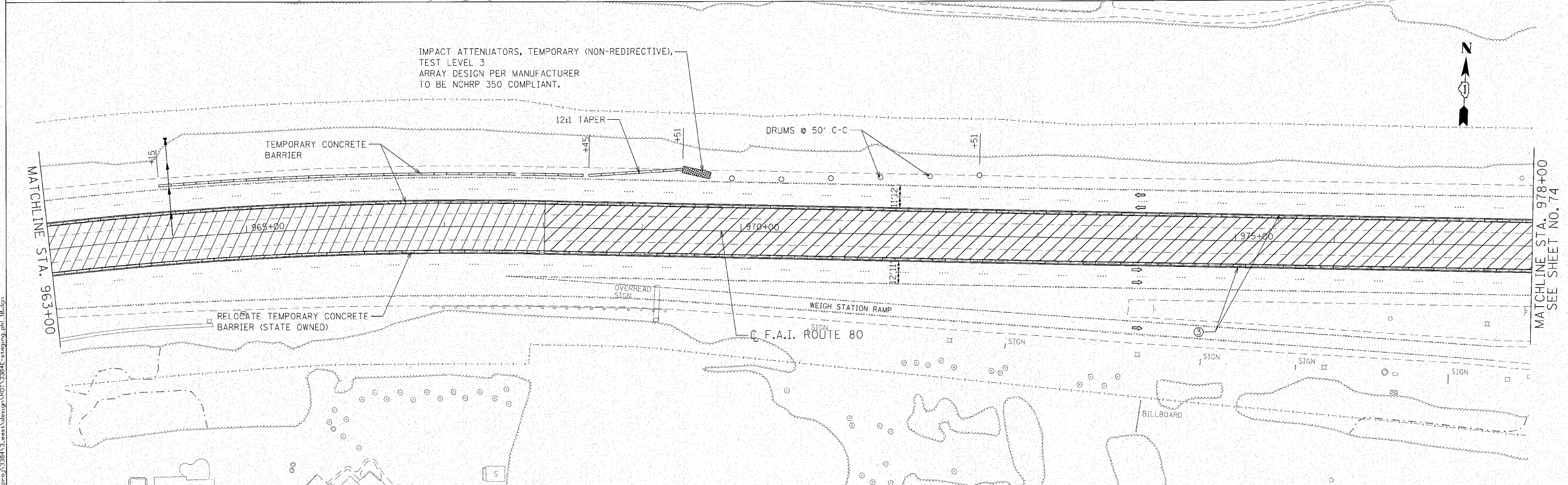
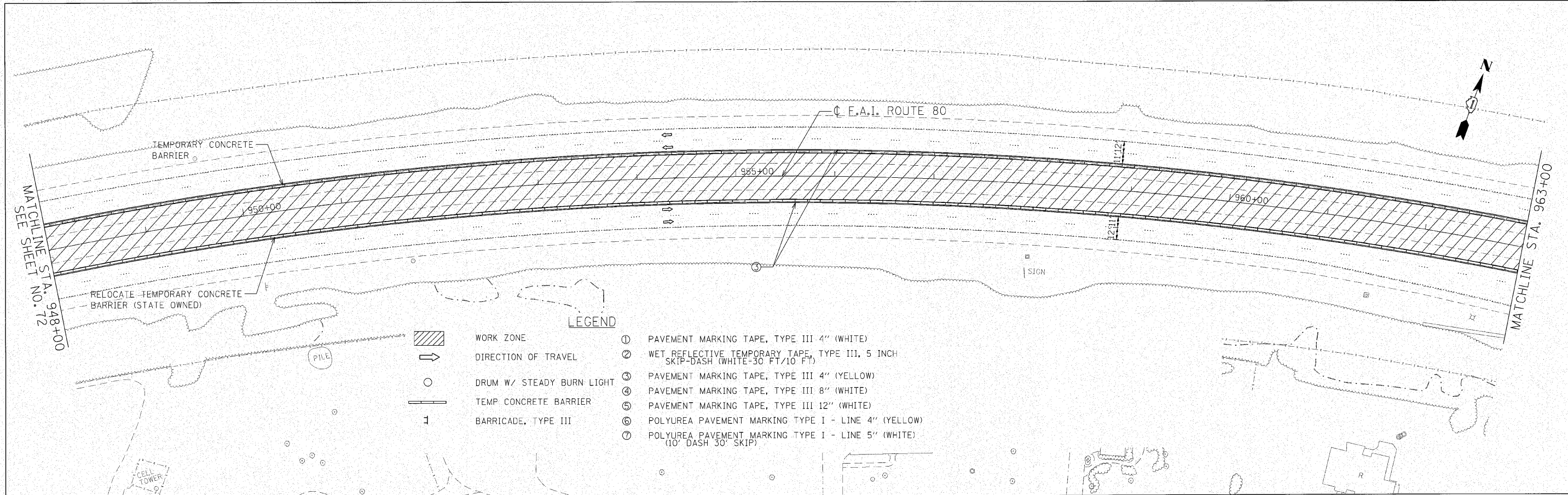
Clorba Group, Inc. CONSULTING ENGINEERS 8807 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4000 Fax: 773.776.4014 Email: cgc@clorba.com	ENGINEERING CONSULTANT	USER NAME = jkjoellman	DESIGNED - CRC	REVISED -
	DRAWN - JMK	CHECKED - MRJ	DATE - 10/27/2010	REVISED -
	PLOT SCALE = 50.0000' / IN.			
	PLOT DATE = 10/28/2010			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE I

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 918+00 TO STA. 948+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	72
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	



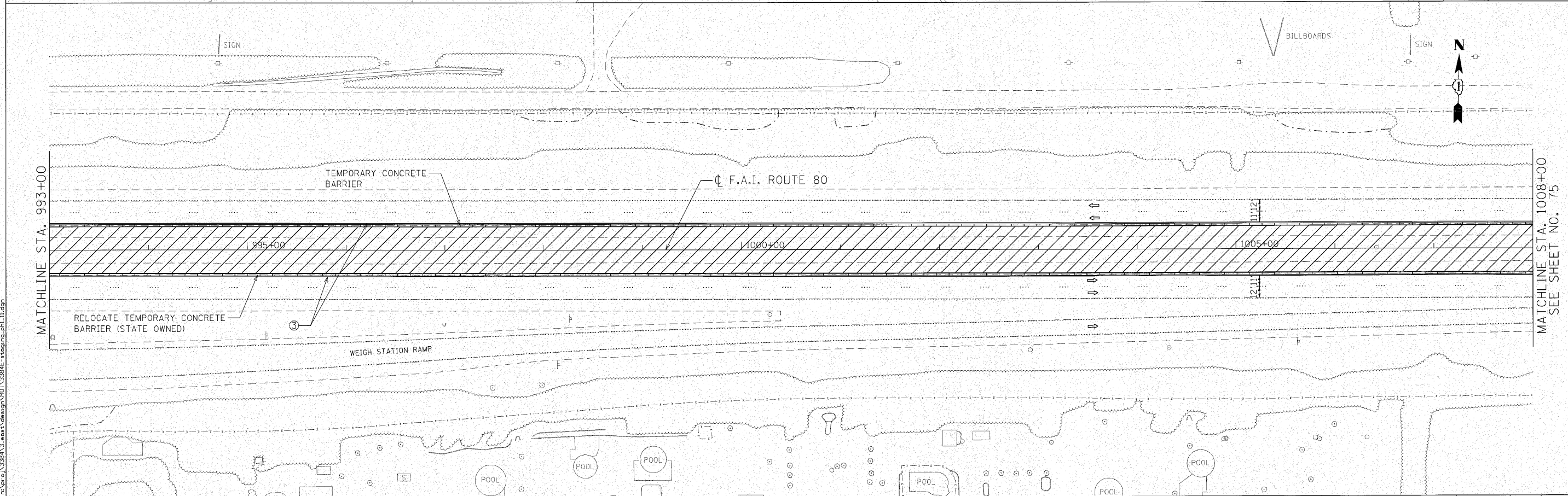
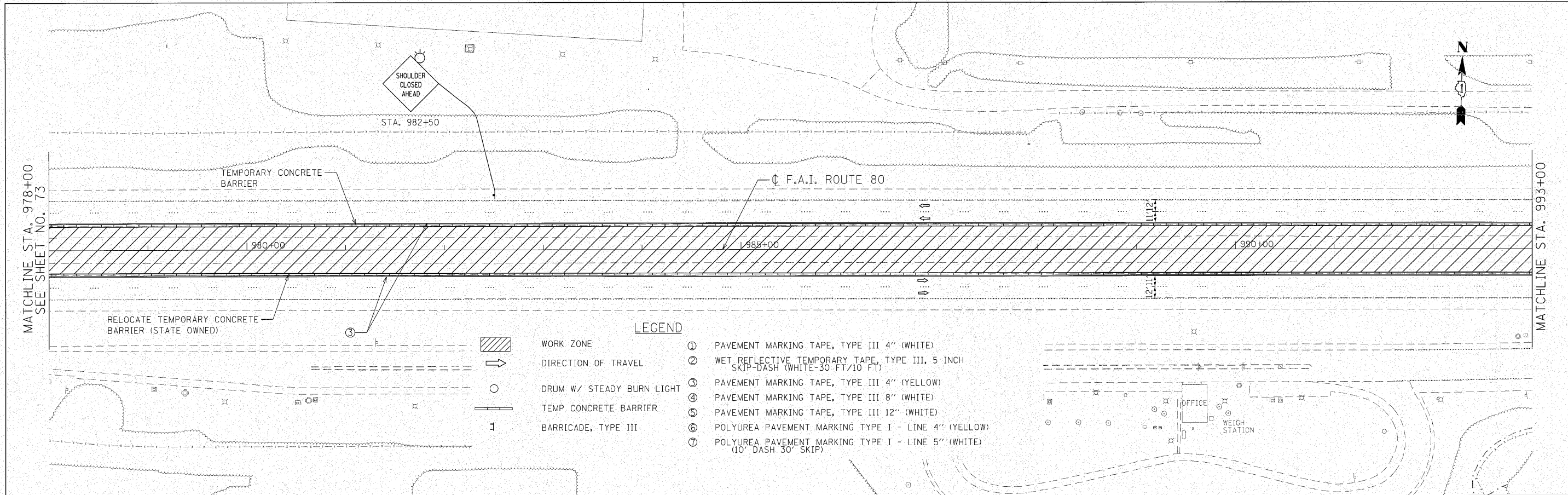
<p>Ciorba Group, Inc. CONSULTING ENGINEERS 5507 North Cass Street, Suite 402 Chicago, Illinois 60630 Tel 773.775.4000 Fax 773.775.4014 Email: ciorba@ciorba.com</p>	USER NAME = jkjoelma	DESIGNED - CRC	REVISED -
	PLOT SCALE = 50.0000' / 1"	DRAWN - JMK	REVISED -
	PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
		DATE = 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 STAGING AND TRAFFIC CONTROL - STAGE I**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 948+00 TO STA. 978+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	73
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				



ENGINEERING CONSULTANT
Corba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: corba@corba.com

USER NAME = kjellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

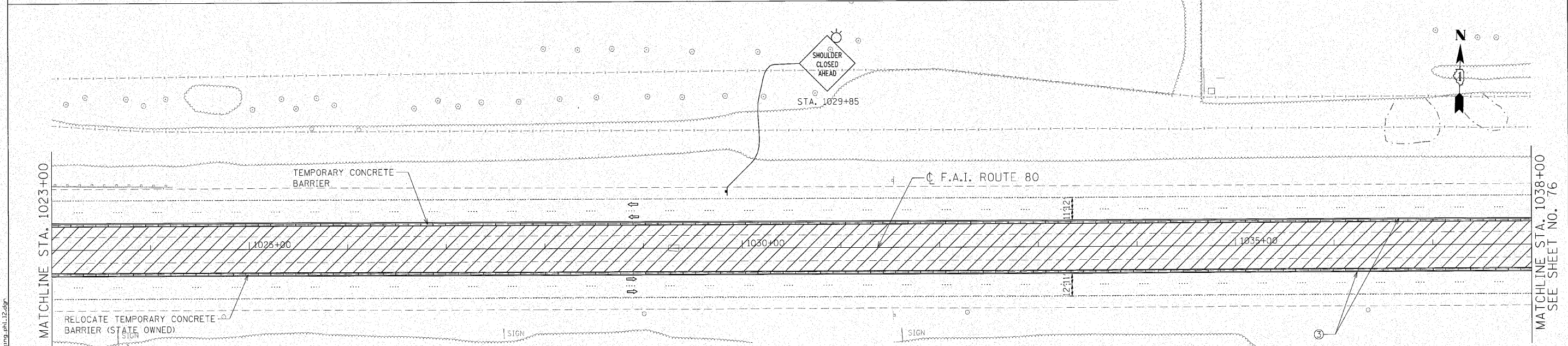
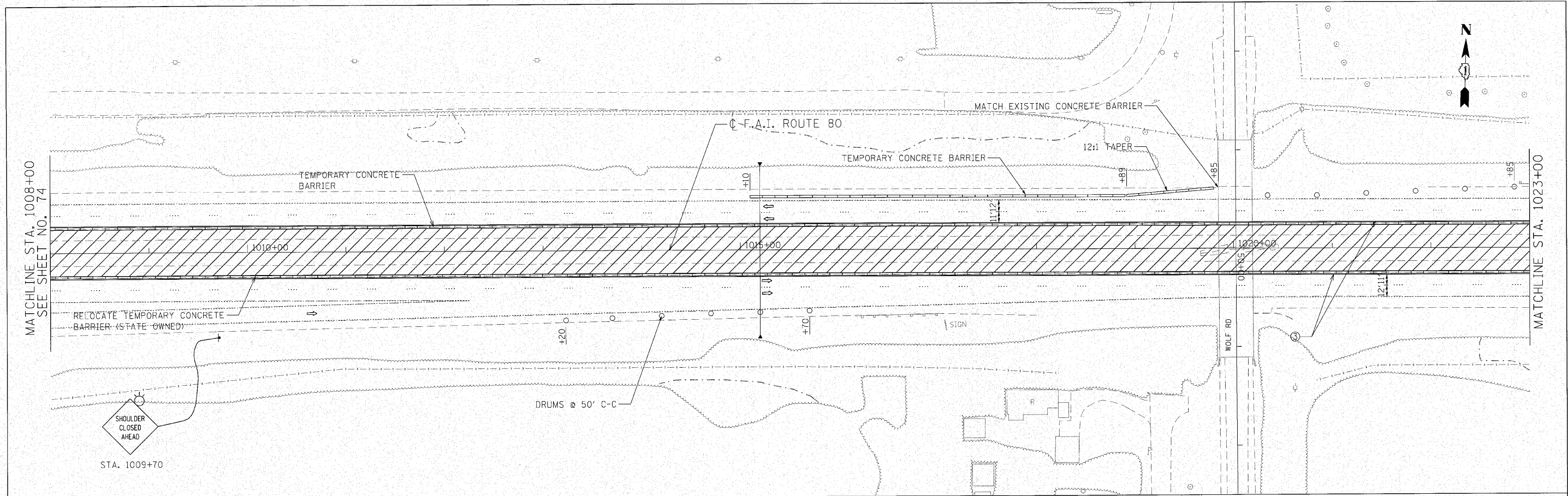
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 STAGING AND TRAFFIC CONTROL - STAGE I**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 978+00 TO STA. 1008+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	74
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30" SKIP)

ENGINEERING CONSULTANT
Corba Group, Inc.
 CONSULTING ENGINEERS
 6527 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60655
 Tel. 773.775.4000 Fax 773.775.4014
 Email: info@corba.com

USER NAME = jkjellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

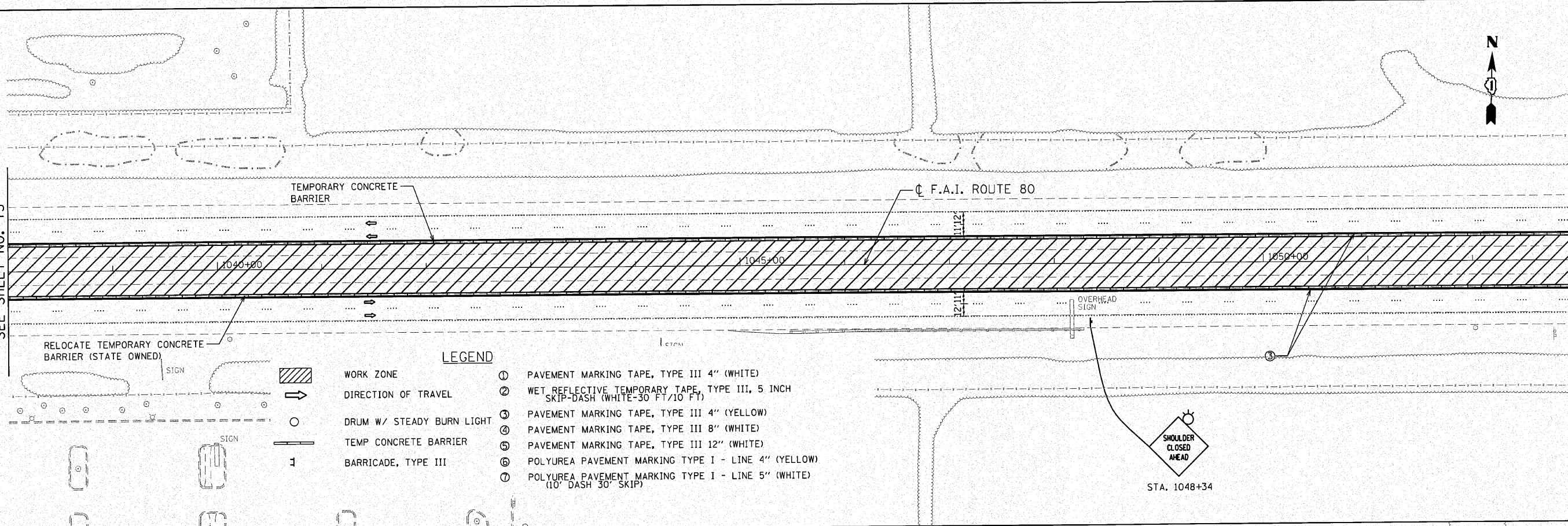
F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE I
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1008+00 TO STA. 1038+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	75
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				



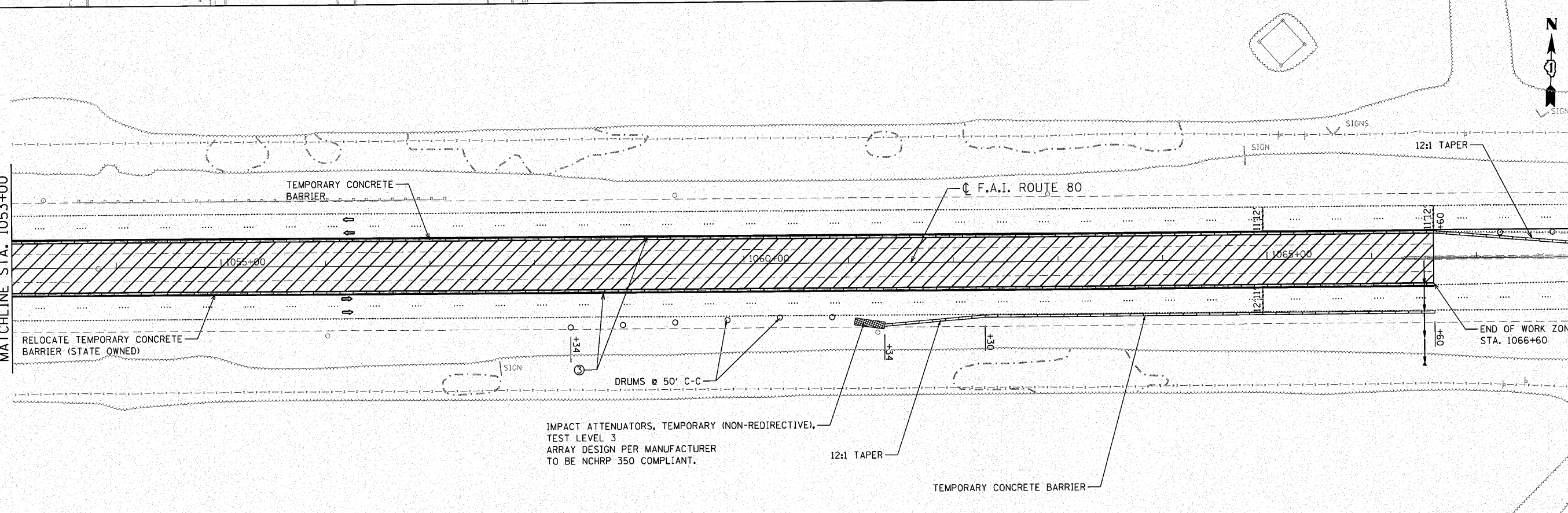
MATCHLINE STA. 1038+00
SEE SHEET NO. 75

MATCHLINE STA. 1053+00



MATCHLINE STA. 1053+00

MATCHLINE STA. 1068+00
SEE SHEET NO. 77



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ENGINEERING CONSULTANT

Clorba Group, Inc.
CONSULTING ENGINEERS
6507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60638
Tel: 773.775.4000 Fax: 773.775.4014
Email: chicago@clorba.com

USER NAME = jk.jellman	DESIGNED - CRC	REVISOR -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISIONS -
PLOT DATE = 12/3/2010	CHECKED - MRJ	REVISIONS -
	DATE - 10/27/2010	REVISIONS -

DESIGNED - CRC	REVISOR -
DRAWN - JMK	REVISIONS -
CHECKED - MRJ	REVISIONS -
DATE - 10/27/2010	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

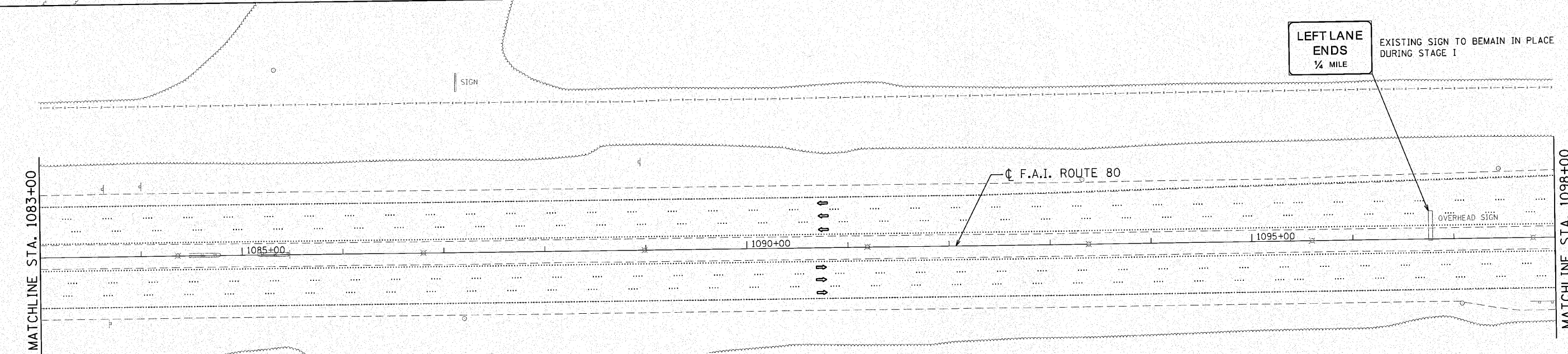
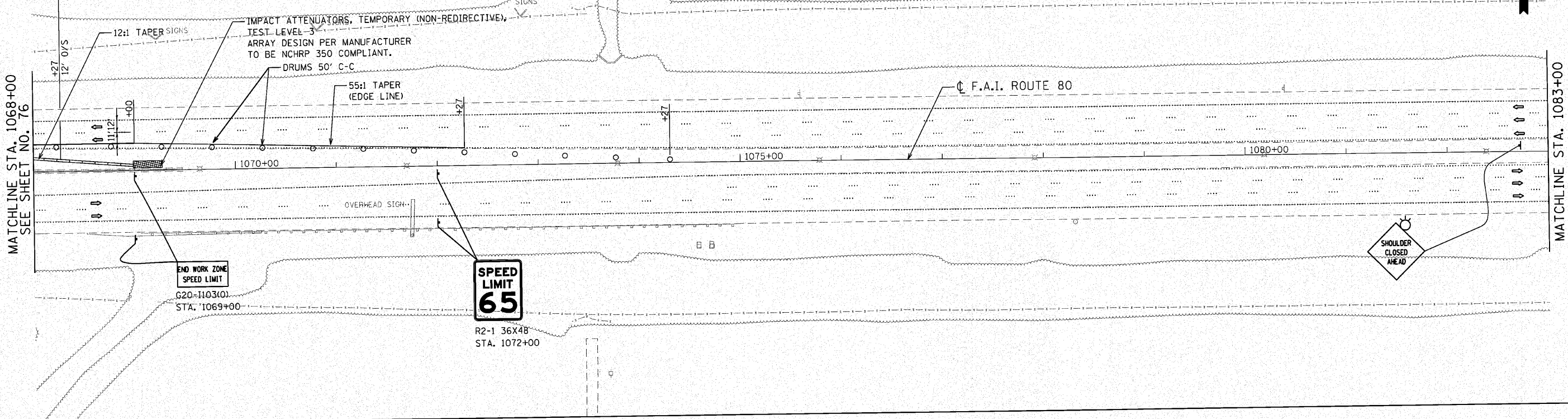
F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE I

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1038+00 TO STA. 1068+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	76
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

INSTALL ADVANCE SIGNS
AS SHOWN ON THE CONSTRUCTION
ZONE APPROACH DETAIL SHEET # 68
AND AS DIRECTED BY THE ENGINEER

SHOULDER CLOSURE PER DISTRICT 1 STANDARD TC-17



- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

ENGINEERING CONSULTANT
Clorba Group, Inc.
CONSULTING ENGINEERS
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Email: clorba@clorba.com

USER NAME = jk,jellman
DESIGNED - CRC
DRAWN - JMK
CHECKED - MRJ
DATE - 10/27/2010
PLOT SCALE = 50,0000' / IN.
PLOT DATE = 12/3/2010

DESIGNED - CRC
DRAWN - JMK
CHECKED - MRJ
DATE - 10/27/2010

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE I**
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1068+00 TO STA. 1098+00

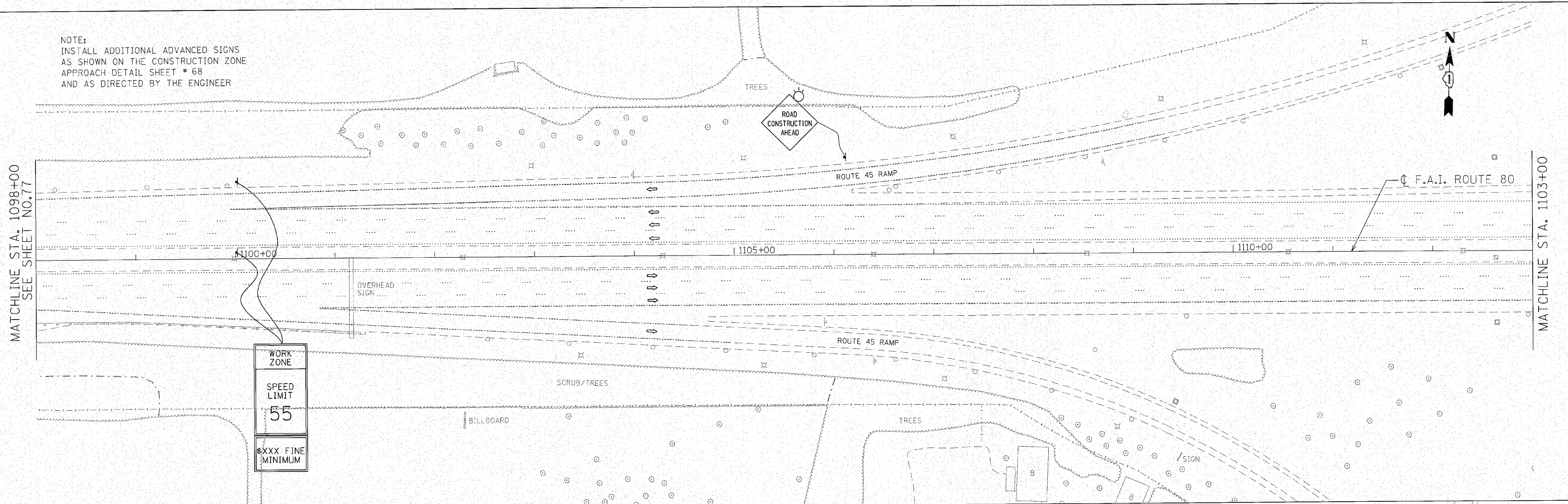
F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 77
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

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NOTE:
 INSTALL ADDITIONAL ADVANCED SIGNS
 AS SHOWN ON THE CONSTRUCTION ZONE
 APPROACH DETAIL SHEET # 68
 AND AS DIRECTED BY THE ENGINEER

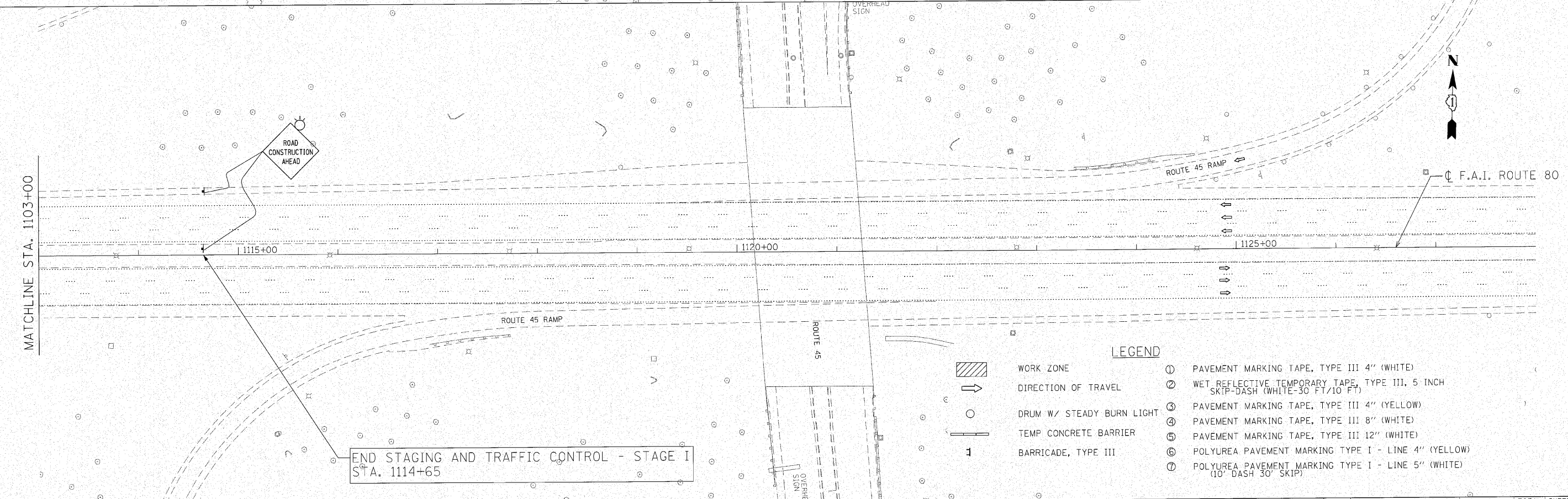
MATCHLINE STA. 1098+00
 SEE SHEET NO. 77

MATCHLINE STA. 1103+00



MATCHLINE STA. 1103+00

MATCHLINE STA. 1103+00



- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKTP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

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



 Giorba Group, Inc. CONSULTING ENGINEERS 6301 North Cumberland Avenue, Suite 412 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4614 Email: chicago@giorba.com	ENGINEERING CONSULTANT	DESIGNED - CRC	REVISED -
	USER NAME = jkjalman	DRAWN - JMK	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - MRJ	REVISED -
	PLOT DATE = 10/28/2010	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

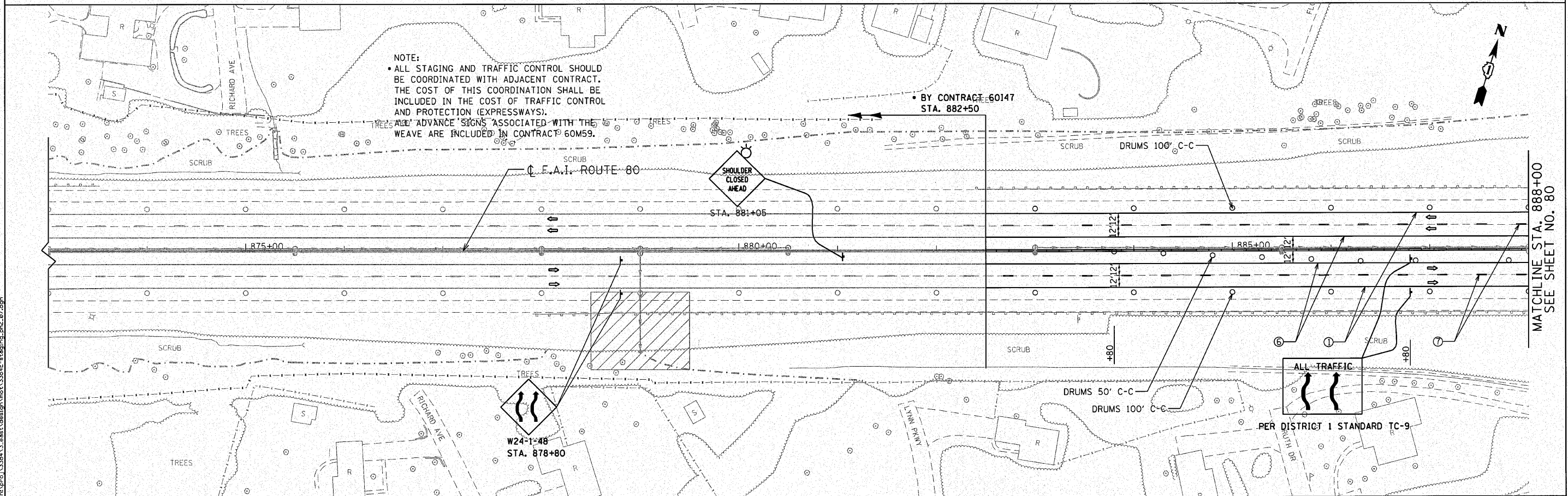
**F.A.I. 80 FROM NS RAILROAD TO US 45
 STAGING AND TRAFFIC CONTROL - STAGE I**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1098+00 TO STA. 1128+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-1) Y-1	WILL	309	78
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				

- LEGEND**
- | | | | |
|---|---------------------------|---|---|
|  | WORK ZONE | ① | PAVEMENT MARKING TAPE, TYPE III 4" (WHITE) |
|  | DIRECTION OF TRAVEL | ② | WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30' FT/10' FT) |
|  | DRUM W/ STEADY BURN LIGHT | ③ | PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW) |
|  | TEMP CONCRETE BARRIER | ④ | PAVEMENT MARKING TAPE, TYPE III 8" (WHITE) |
|  | BARRICADE, TYPE III | ⑤ | PAVEMENT MARKING TAPE, TYPE III 12" (WHITE) |
| | | ⑥ | POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW) |
| | | ⑦ | POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP) |

NOTE:
 • ALL STAGING AND TRAFFIC CONTROL SHOULD BE COORDINATED WITH ADJACENT CONTRACT. THE COST OF THIS COORDINATION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
 • ALL ADVANCE SIGNS ASSOCIATED WITH THE WEAVE ARE INCLUDED IN CONTRACT 60M59.



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 Email: clorba@clorba.com

USER NAME = jk,jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50,0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/3/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM US 30 TO NS RAILROAD
 STAGING AND TRAFFIC CONTROL - STAGE II**

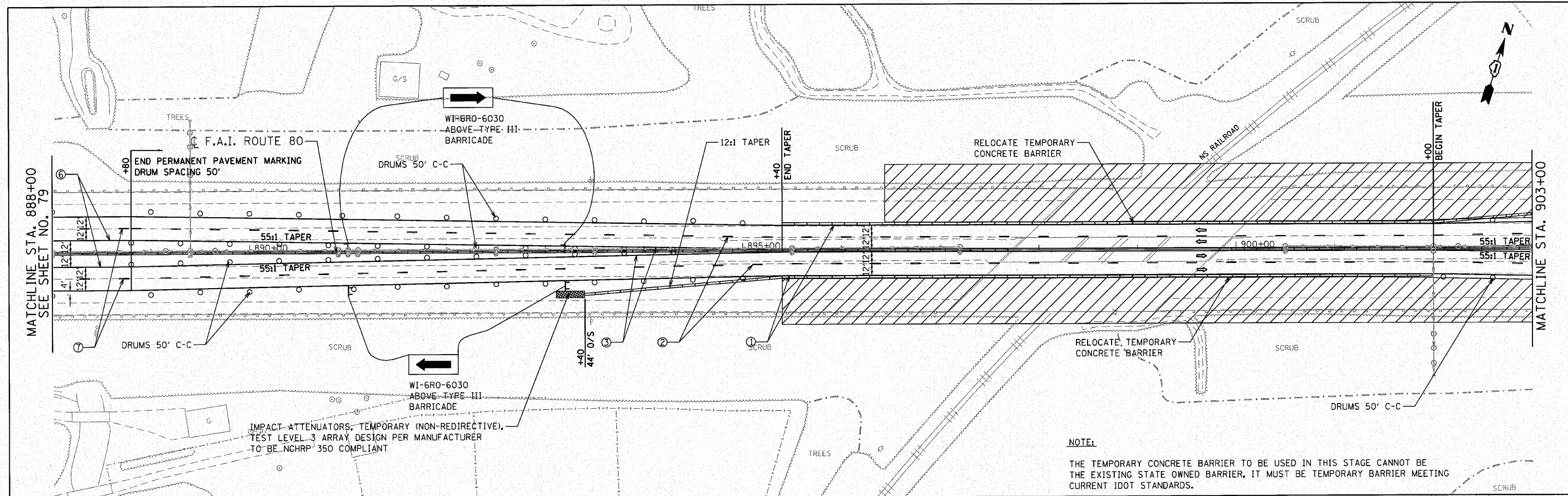
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 882+50 TO STA. 888+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	79

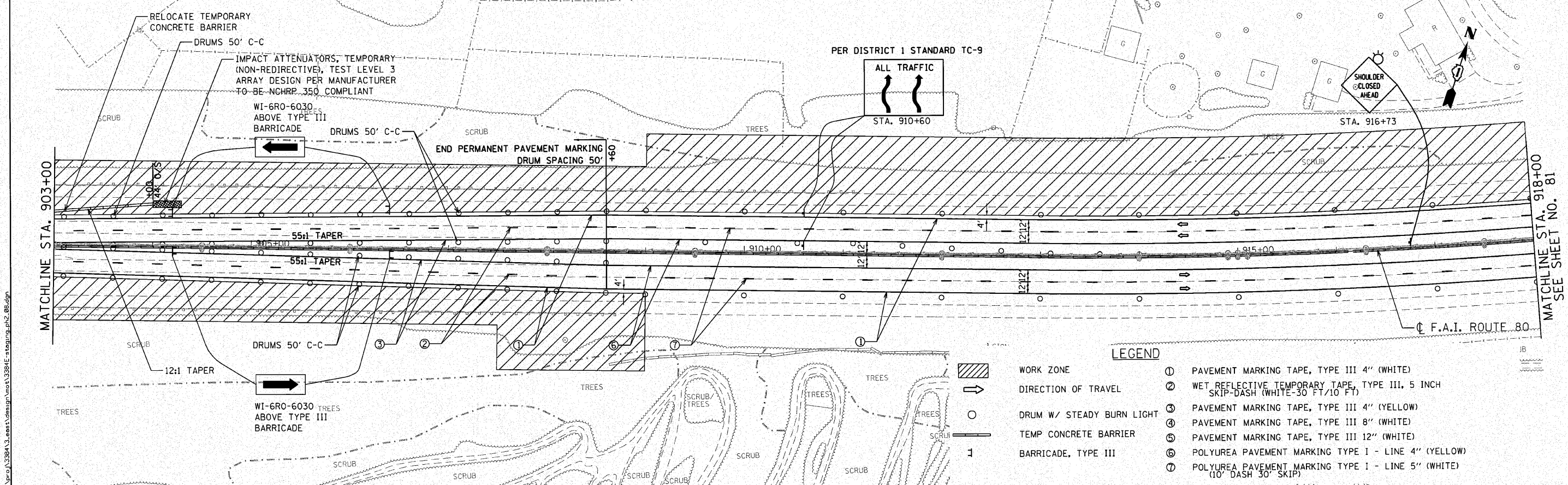
CONTRACT NO. 60M59
 ILLINOIS FED. AID PROJECT

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MATCHLINE STA. 888+00
 SEE SHEET NO. 80



NOTE:
 THE TEMPORARY CONCRETE BARRIER TO BE USED IN THIS STAGE CANNOT BE THE EXISTING STATE OWNED BARRIER, IT MUST BE TEMPORARY BARRIER MEETING CURRENT IDOT STANDARDS.



LEGEND

	WORK ZONE	①	PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
	DIRECTION OF TRAVEL	②	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
	DRUM W/ STEADY BURN LIGHT	③	PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
	TEMP CONCRETE BARRIER	④	PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
	BARRICADE, TYPE III	⑤	PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
		⑥	POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
		⑦	POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

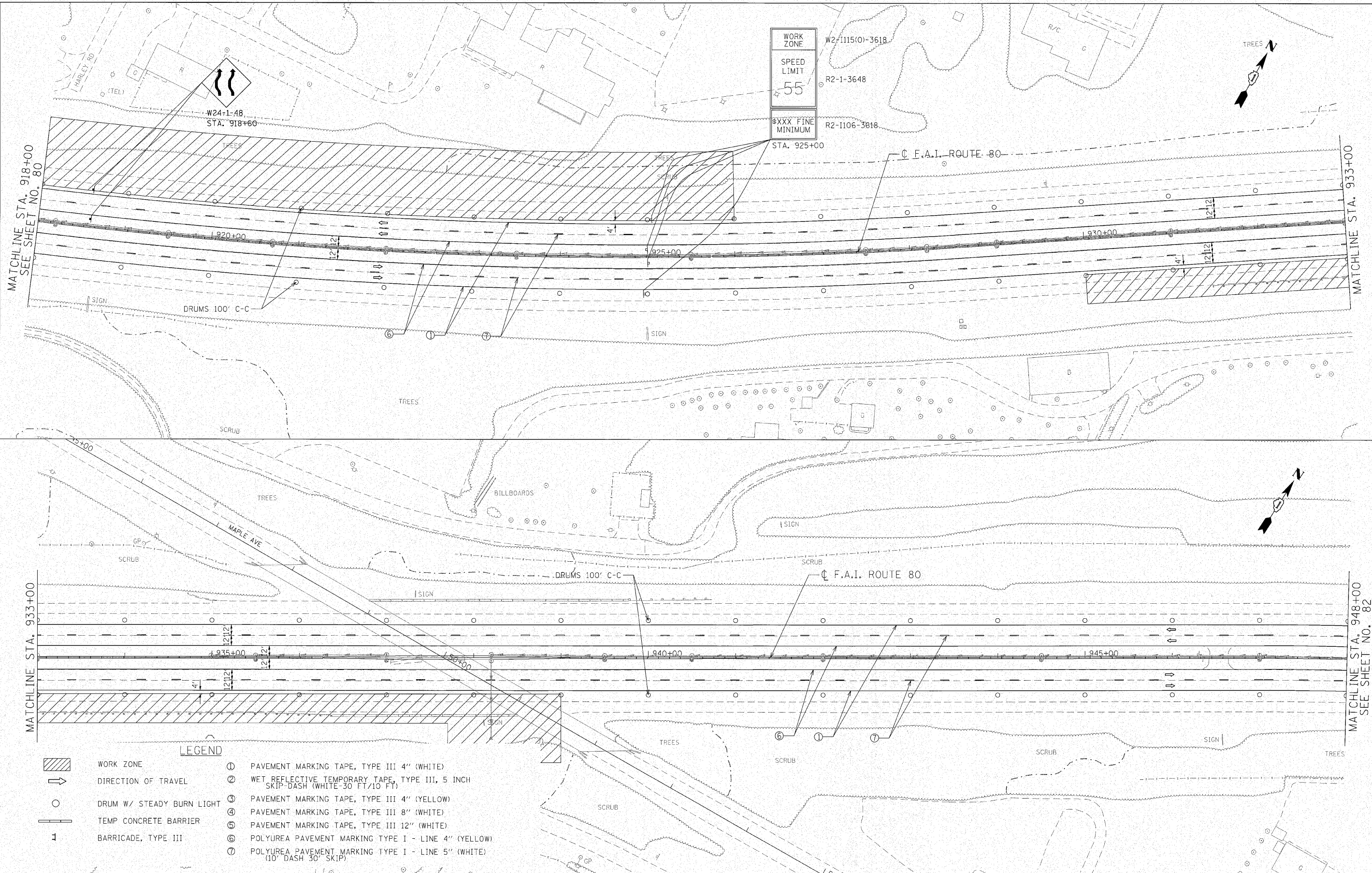
ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4000 Fax 773.775.4014
 Email: ciorba@ciorba.com

USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/3/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE II
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 888+00 TO STA. 918+00

F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 80
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				



WORK ZONE
W2-1115(0)-3618
SPEED LIMIT
55
R2-1-3648
\$XXX FINE MINIMUM
R2-1106-3818
STA. 925+00

W24-L-48
STA. 918+60

MATCHLINE STA. 918+00
SEE SHEET NO. 80

MATCHLINE STA. 933+00

MATCHLINE STA. 933+00

MATCHLINE STA. 948+00
SEE SHEET NO. 82

LEGEND

- WORK ZONE
- DIRECTION OF TRAVEL
- DRUM W/ STEADY BURN LIGHT
- TEMP CONCRETE BARRIER
- BARRICADE, TYPE III
- ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
- ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
- ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
- ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
- ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

ENGINEERING CONSULTANT
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Email: Chicago@clorba.com

USER NAME = jkelliman
PLDT SCALE = 50,0000' / IN.
PLDT DATE = 10/28/2010

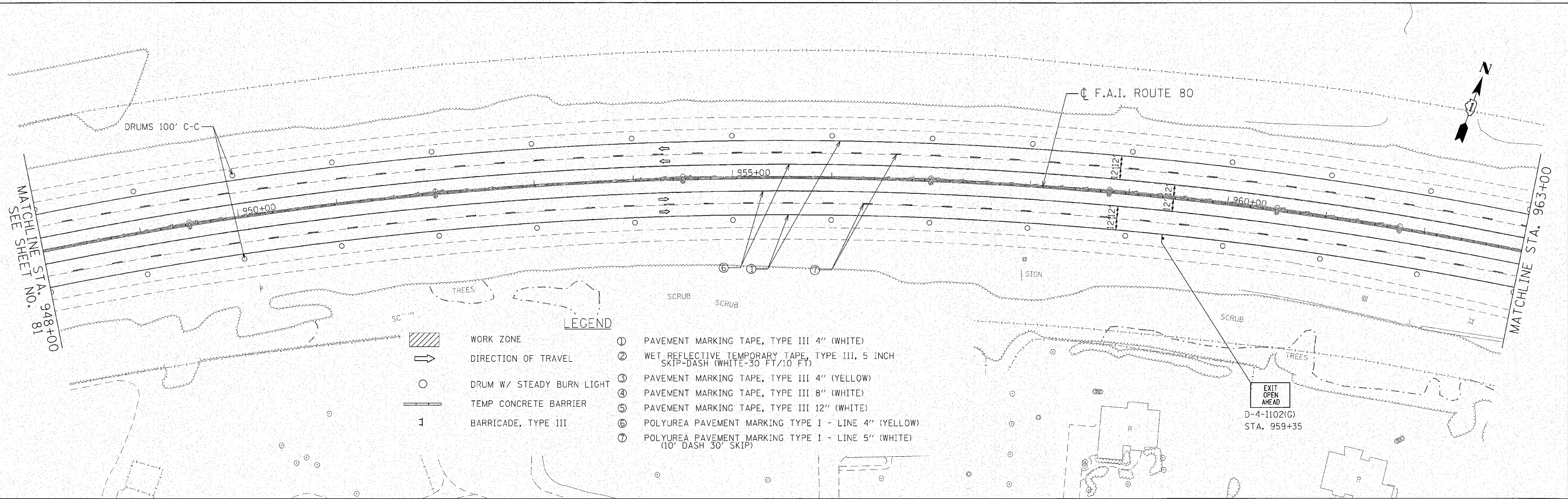
DESIGNED - CRC	REVISED -
DRAWN - JMK	REVISED -
CHECKED - MRJ	REVISED -
DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

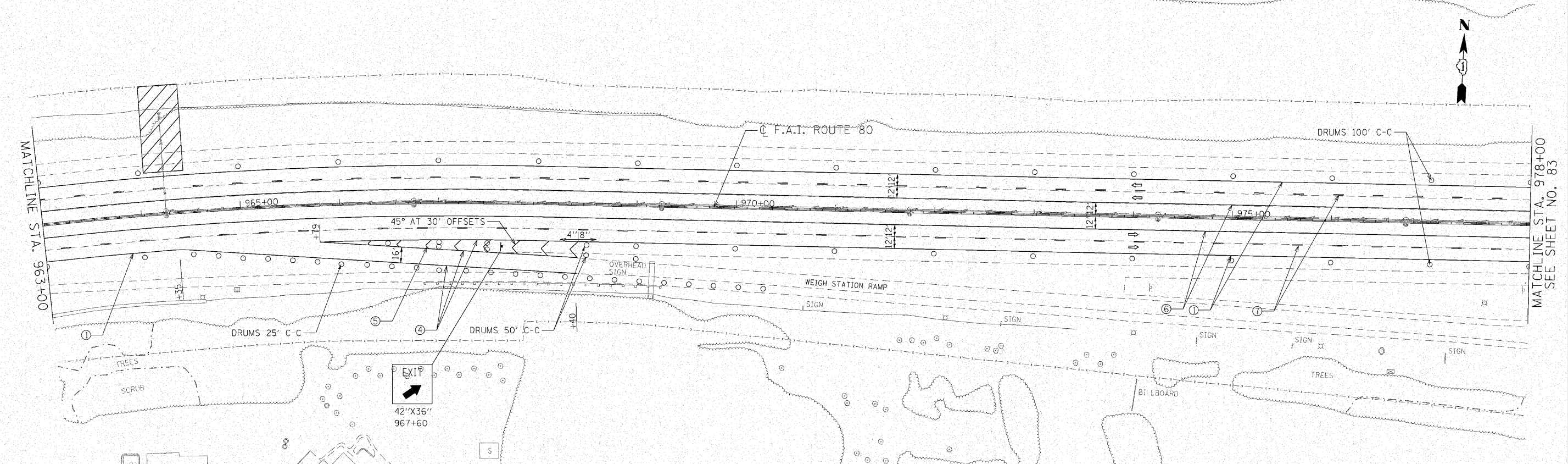
**F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE II**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 918+00 TO STA. 948+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	81
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)
- [Hatched Box] WORK ZONE
 - [Arrow] DIRECTION OF TRAVEL
 - [Circle] DRUM W/ STEADY BURN LIGHT
 - [Line] TEMP CONCRETE BARRIER
 - [Symbol] BARRICADE, TYPE III



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Clorba Group, Inc.
 2107 North Central Expressway, Suite 402
 Chicago, Illinois 60638
 Tel: 773.778.4000 Fax: 773.778.4014
 Email: info@clorba.com

USER NAME = jkjeilman
 PLDT SCALE = 50,0000' / IN.
 PLOT DATE = 10/29/2010

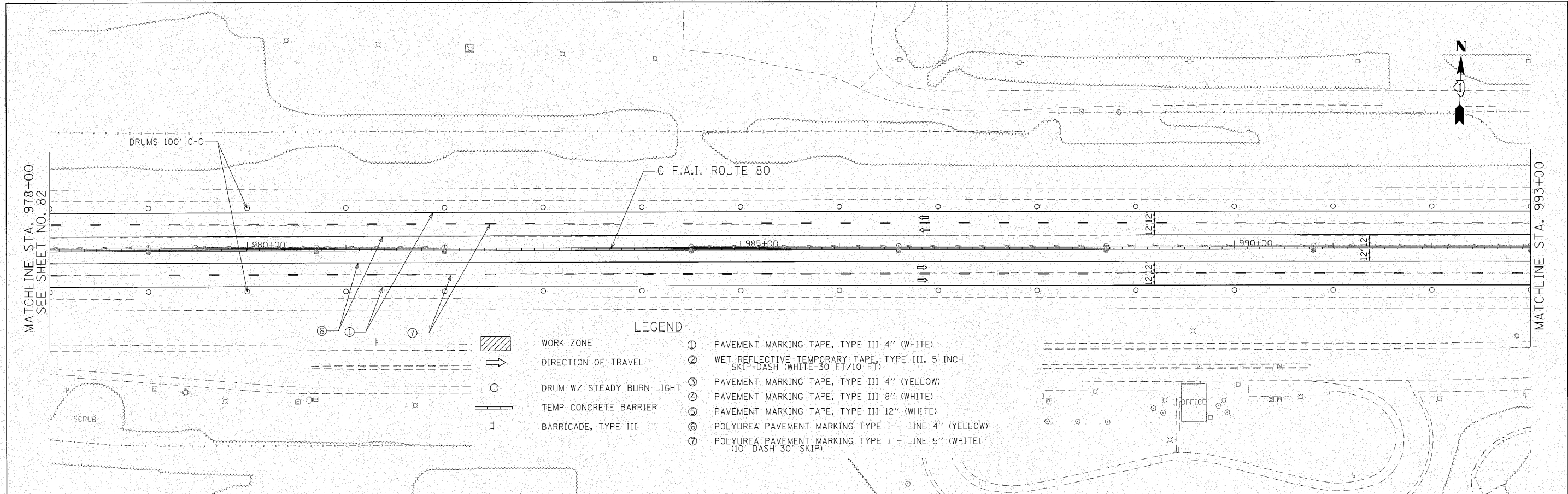
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 DRAWN - JMK
 CHECKED - MRJ
 DATE = 10/27/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -

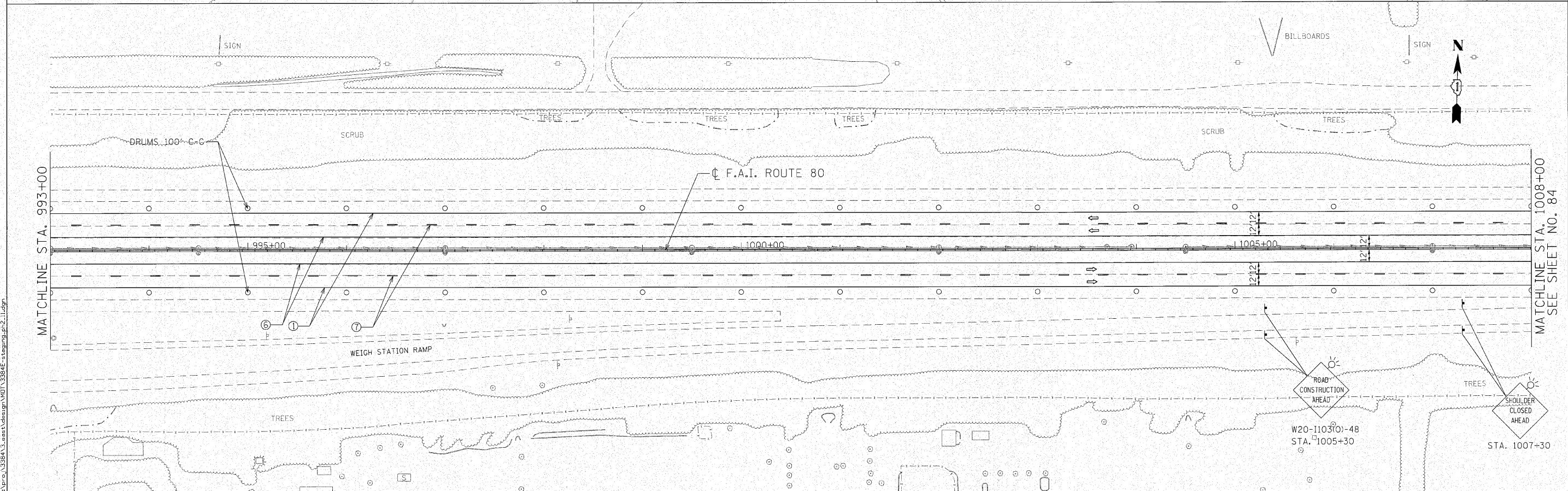
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 STAGING AND TRAFFIC CONTROL - STAGE II**
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 948+00 TO STA. 978+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	82
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

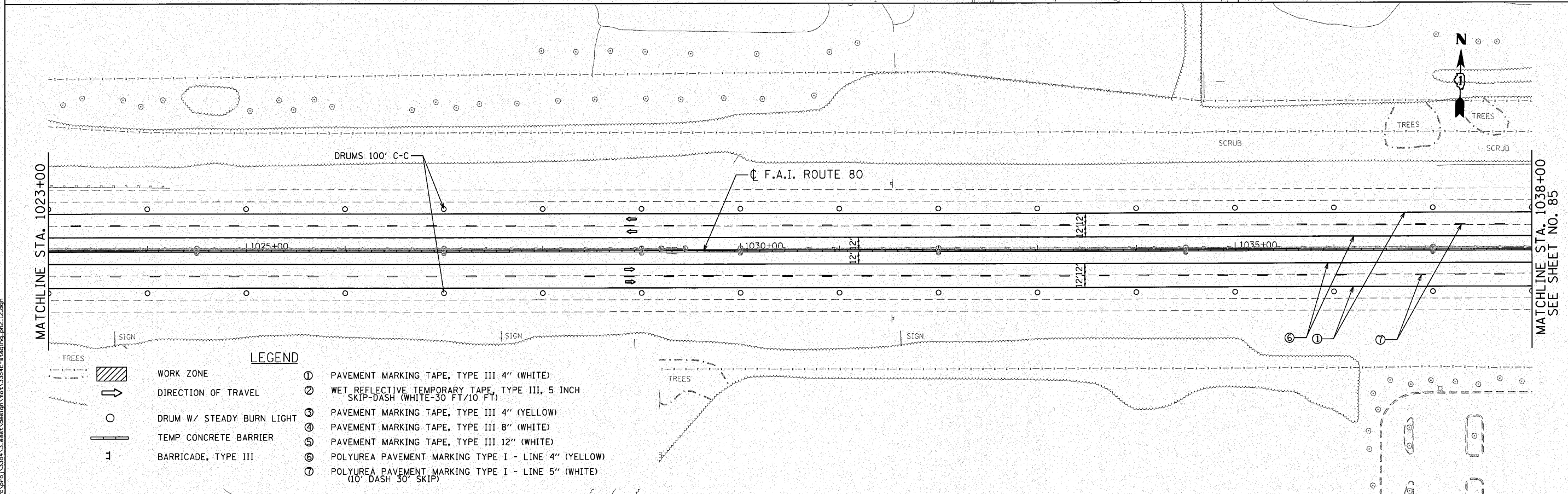
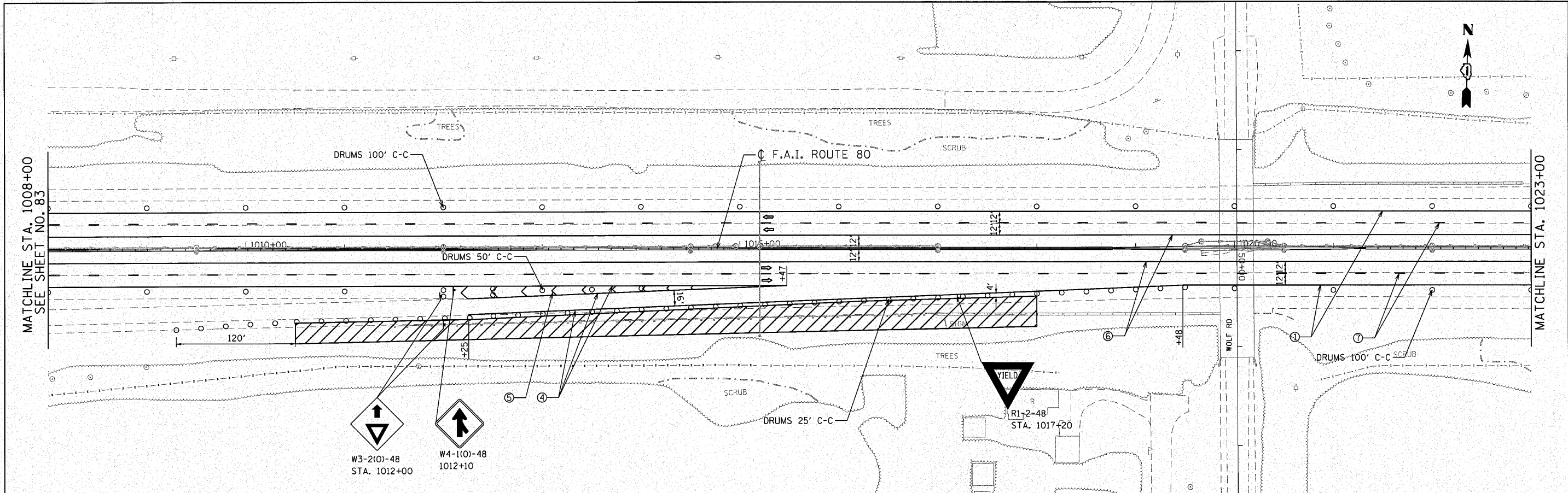


- LEGEND**
- ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)
- ▨ WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - 1 BARRICADE, TYPE III



<p>Giorba Group, Inc. CONSULTING ENGINEERS 1607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60654 Tel: 773.775.4009 Fax: 773.775.4614 Email: chicago@giorba.com</p>	USER NAME = jkrellman PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/28/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO US 45 STAGING AND TRAFFIC CONTROL - STAGE II	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 83
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 978+00 TO STA. 1008+00					ROAD CONSTRUCTION AHEAD STA. 1005+30		SHOULDER CLOSED AHEAD STA. 1007+30		CONTRACT NO. 60M59

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LEGEND

	WORK ZONE	①	PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
	DIRECTION OF TRAVEL	②	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
	DRUM W/ STEADY BURN LIGHT	③	PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
	TEMP CONCRETE BARRIER	④	PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
	BARRICADE, TYPE III	⑤	PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
		⑥	POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
		⑦	POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

ENGINEERING CONSULTANT
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 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
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 Email: clorba@clorba.com

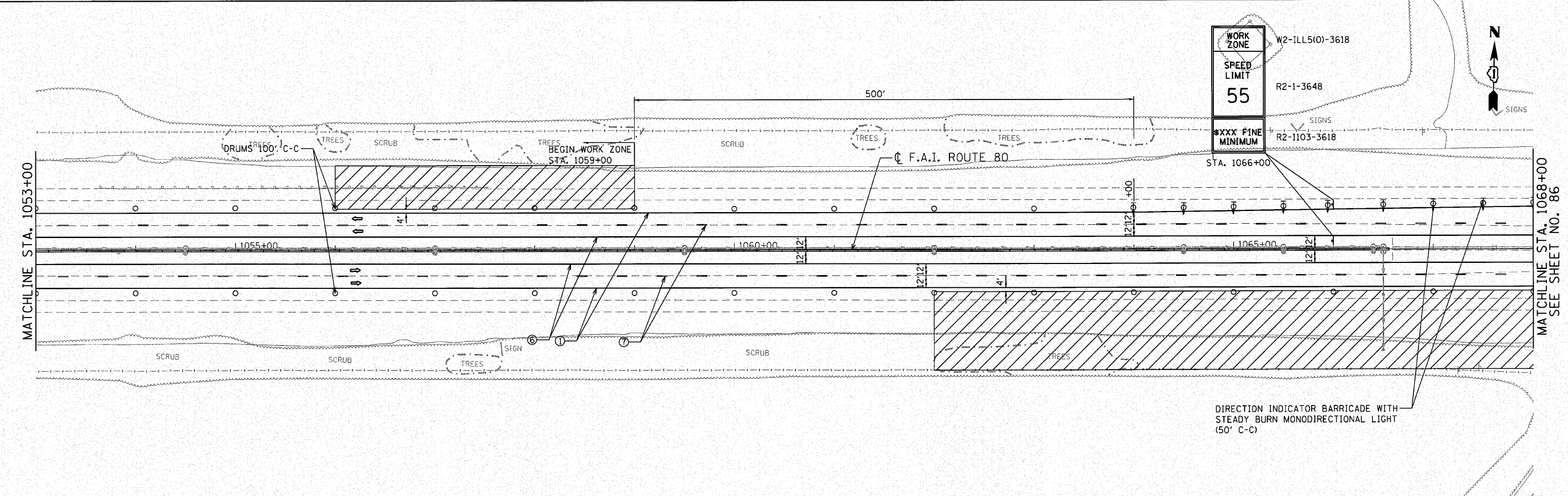
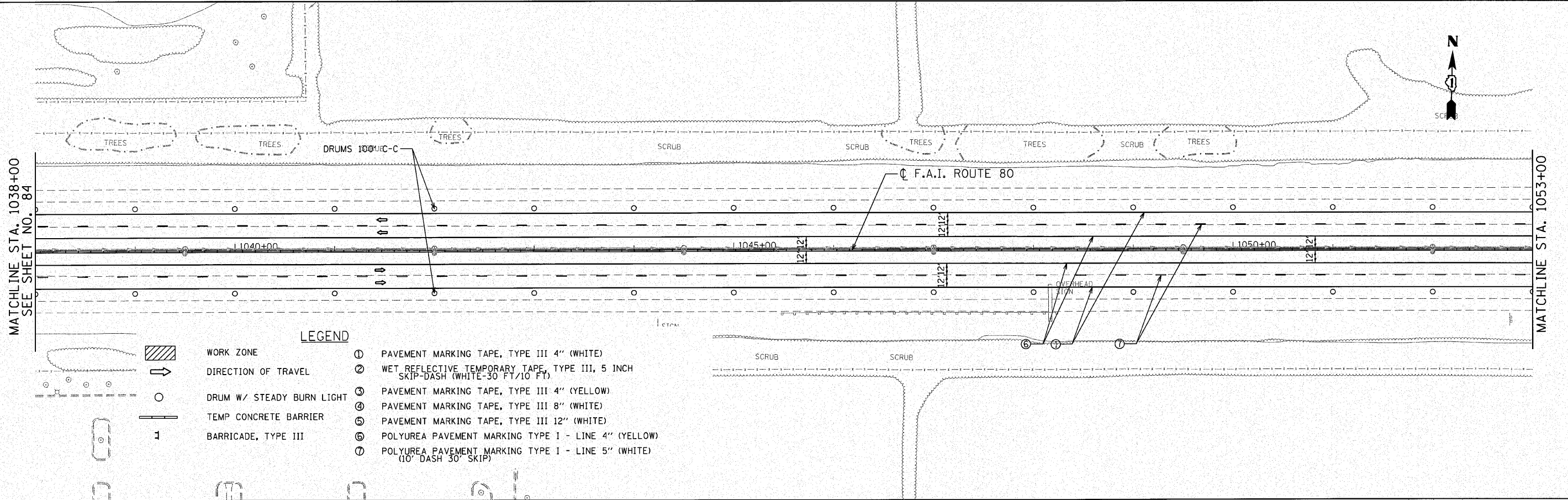
USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50,000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/3/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 STAGING AND TRAFFIC CONTROL - STAGE II**

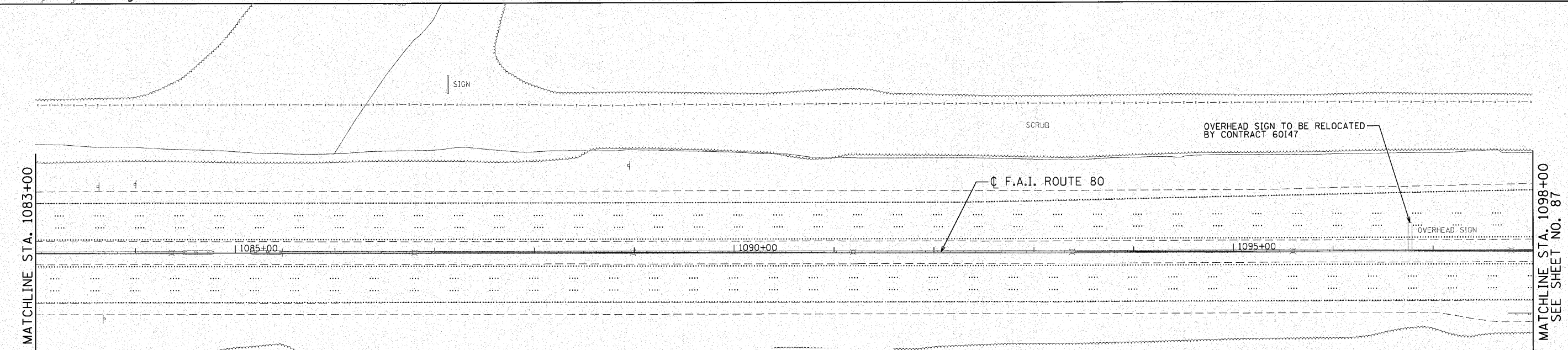
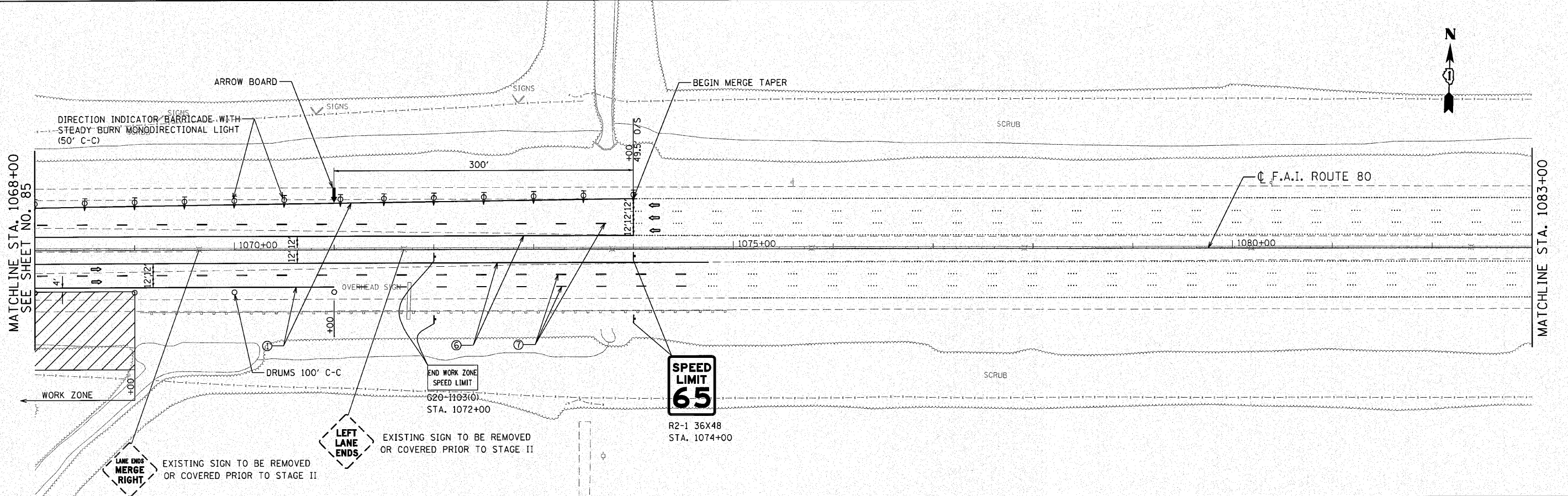
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1008+00 TO STA. 1038+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-1) Y-1	WILL	309	84
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	



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ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS <small>1607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60642 Tel: 773.775.2000 Fax: 773.775.4614 Email: clorba@clorba.com</small>	USER NAME = jkellman PLOT SCALE = 50,000' / IN. PLOT DATE = 12/3/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - STAGE II	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1038+00 TO STA. 1068+00	F.A.I. RTE. 80 SECTION 99(5&5-1) Y-1 COUNTY WILL CONTRACT NO. 60M59	TOTAL SHEETS 309 SHEET NO. 85	ILLINOIS FED. AID PROJECT
	ILLINOIS FED. AID PROJECT								



- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - ④ PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - ⑤ PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - ⑥ POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - ⑦ POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

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ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS <small>6607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773-776-4000 Fax: 773-776-4014 Email: clogr@clorba.com</small>	USER NAME = jkjoelmen	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM NS RAILROAD TO US 45 STAGING AND TRAFFIC CONTROL - STAGE II	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 86
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISED -			CONTRACT NO. 60M59	ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/3/2010	DATE = 10/27/2010	REVISED -	REVISED -	SCALE: 1" = 50'		SHEET NO. OF SHEETS STA. 1068+00 TO STA. 1098+00				

NOTE:
INSTALL ADDITIONAL ADVANCE SIGNS
AS SHOWN ON IDOT STANDARD 701400
AND AS DIRECTED BY THE ENGINEER

MATCHLINE STA. 1098+00
SEE SHEET NO. 86

MATCHLINE STA. 1103+00

MATCHLINE STA. 1103+00

INSTALL ADDITIONAL ADVANCE SIGNS
AS SHOWN ON IDOT STANDARD 701400
AND AS DIRECTED BY THE ENGINEER

LEFT LANE ENDS
1 MILE

OVERHEAD SIGN AT STA. 1139+05 TO
BE RELOCATED BY CONTRACT 60147



WORK ZONE
SPEED LIMIT
55
XXX FINE
MINIMUM

- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)
 - PAVEMENT MARKING TAPE, TYPE III 8" (WHITE)
 - PAVEMENT MARKING TAPE, TYPE III 12" (WHITE)
 - POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (YELLOW)
 - POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (WHITE) (10' DASH 30' SKIP)

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ENGINEERING CONSULTANT
Clorba Group, Inc.
CONSULTING ENGINEERS
8507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60630
Tel: 773.775.4000 Fax: 773.775.4014
Email: clorba@clorba.com








USER NAME = jkajlman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/3/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
STAGING AND TRAFFIC CONTROL - STAGE II
SCALE: 1" = 50' SHEET NO. 87 OF SHEETS STA. 1098+00 TO STA. 1128+00

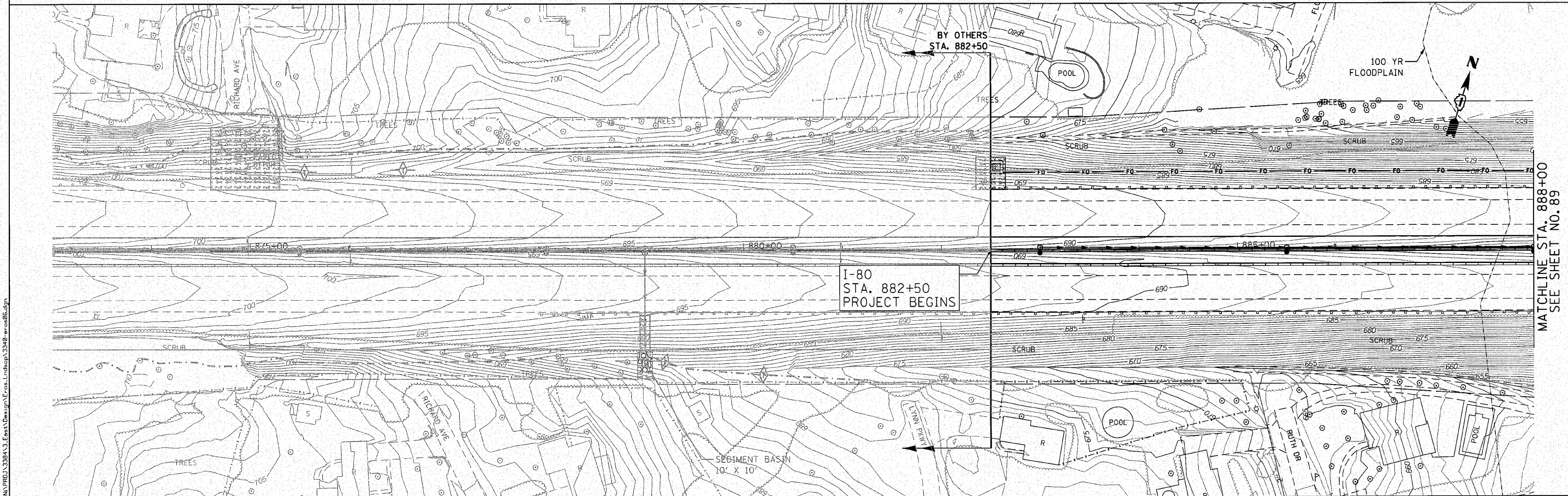
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	87
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				

LEGEND

-  PERIMETER EROSION BARRIER
-  OUTLET FLOW
-  INLET PROTECTION
-  TEMPORARY DITCH CHECK
-  TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY MULCH
-  STONE RIP RAP WITH FILTER FABRIC

NOTE:

CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.



MATCHLINE STA. 888+00
SEE SHEET NO. 89

ENGINEERING CONSULTANT
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USER NAME = dmorris	DESIGNED - CRC	REVISED -
PLOT SCALE = 50,000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

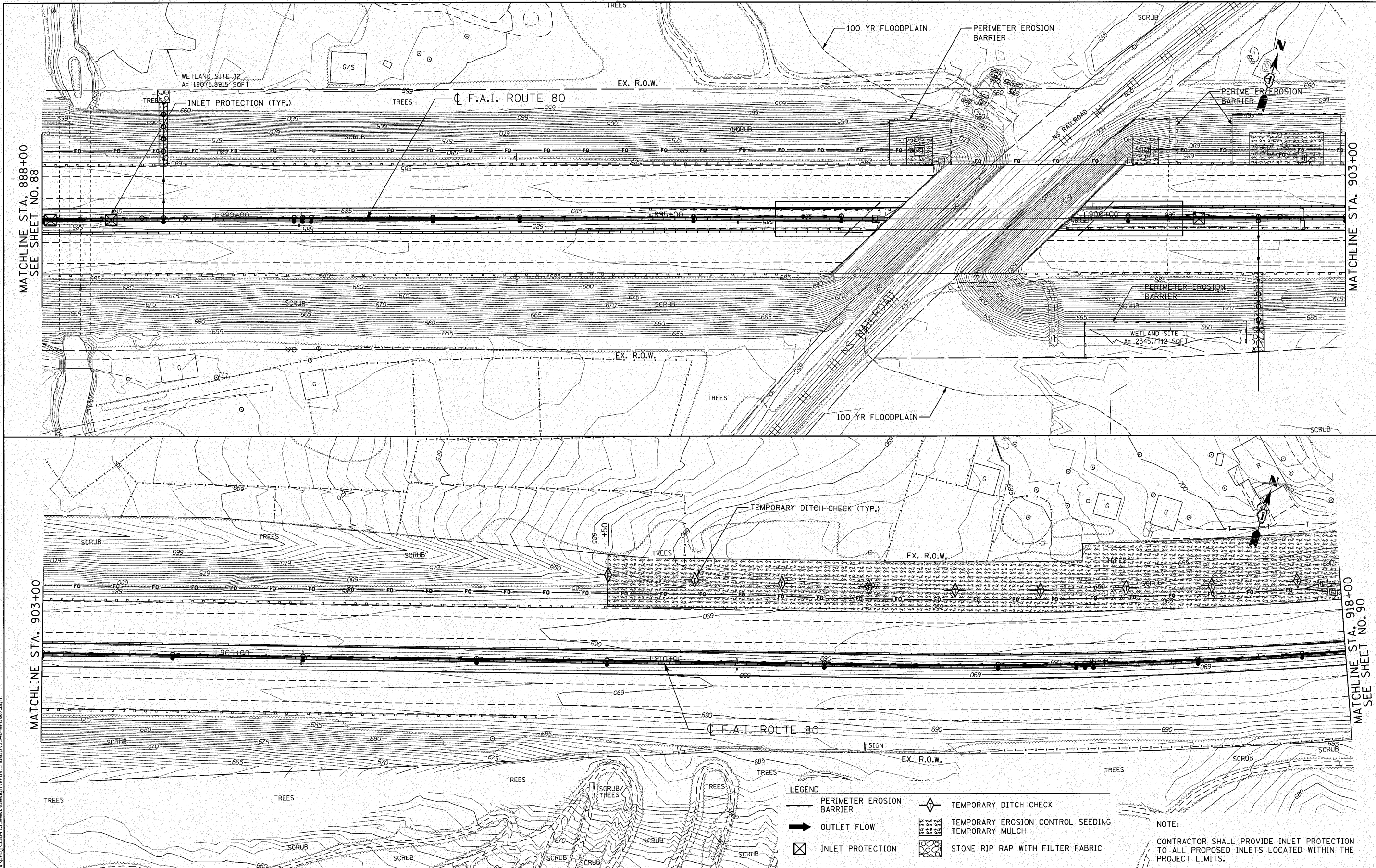
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 882+50 TO STA. 888+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-1) Y-1	WILL	309	88
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	

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MATCHLINE STA. 888+00
SEE SHEET NO. 88

MATCHLINE STA. 903+00

MATCHLINE STA. 903+00

MATCHLINE STA. 918+00
SEE SHEET NO. 90

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ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 1807 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60640
 Tel: 773.776.4000 Fax: 773.776.4014
 Email: ciorba@cg-engineers.com

USER NAME = dmorris
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 12/6/2010

DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

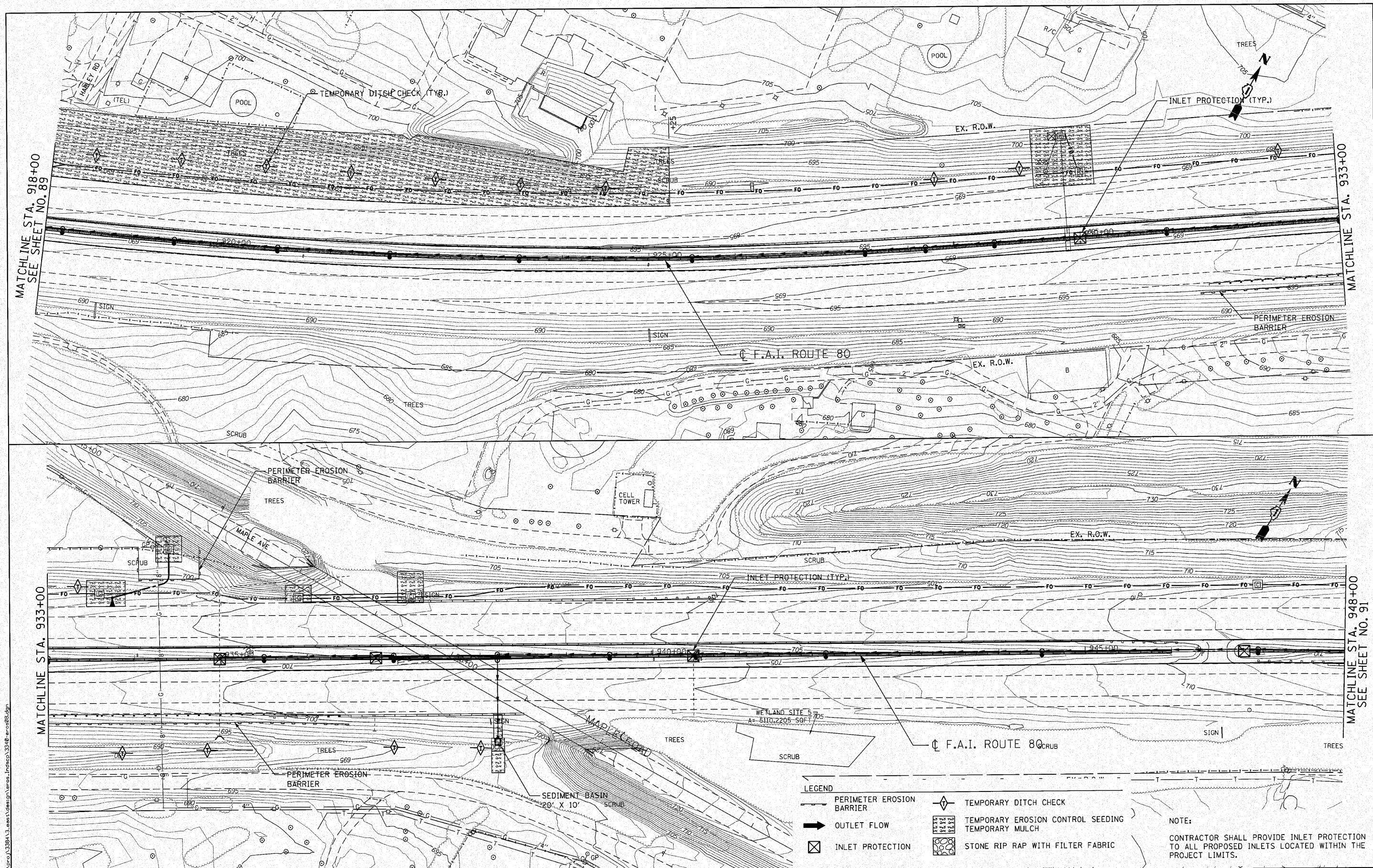
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 888+00 TO STA. 918+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	89
CONTRACT NO. 60M59				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PERIMETER EROSION BARRIER
 - OUTLET FLOW
 - ⊠ INLET PROTECTION
 - ◇ TEMPORARY DITCH CHECK
 - ▨ TEMPORARY EROSION CONTROL SEEDING
 - ▨ TEMPORARY MULCH
 - ⊞ STONE RIP RAP WITH FILTER FABRIC

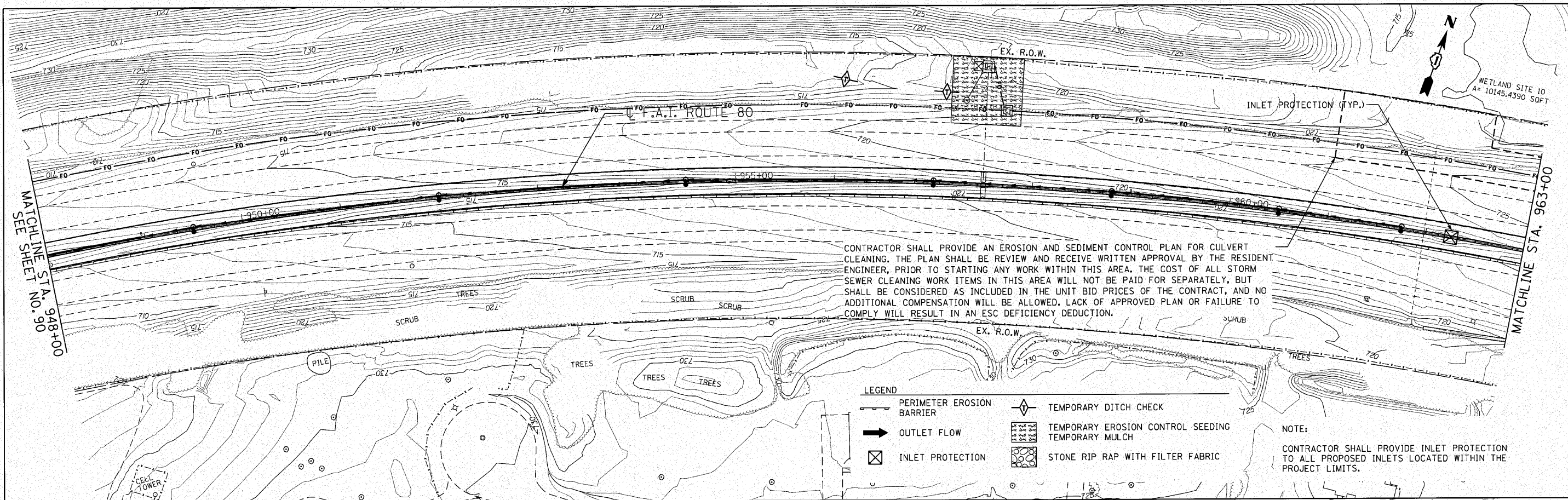
NOTE:
 CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.

ENGINEERING CONSULTANT CONSULTING ENGINEERS 6507 North Central Expressway, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4000 Fax: 773.776.4014 Email: ciorba@ciorba.com	USER NAME = dmorris	DESIGNED - CRC	REVISED -
	PLOT SCALE = 50.0000' / 1"	DRAWN - JMK	REVISED -
	PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
		DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
EROSION AND SEDIMENT CONTROL PLAN
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 918+00 TO STA. 948+00

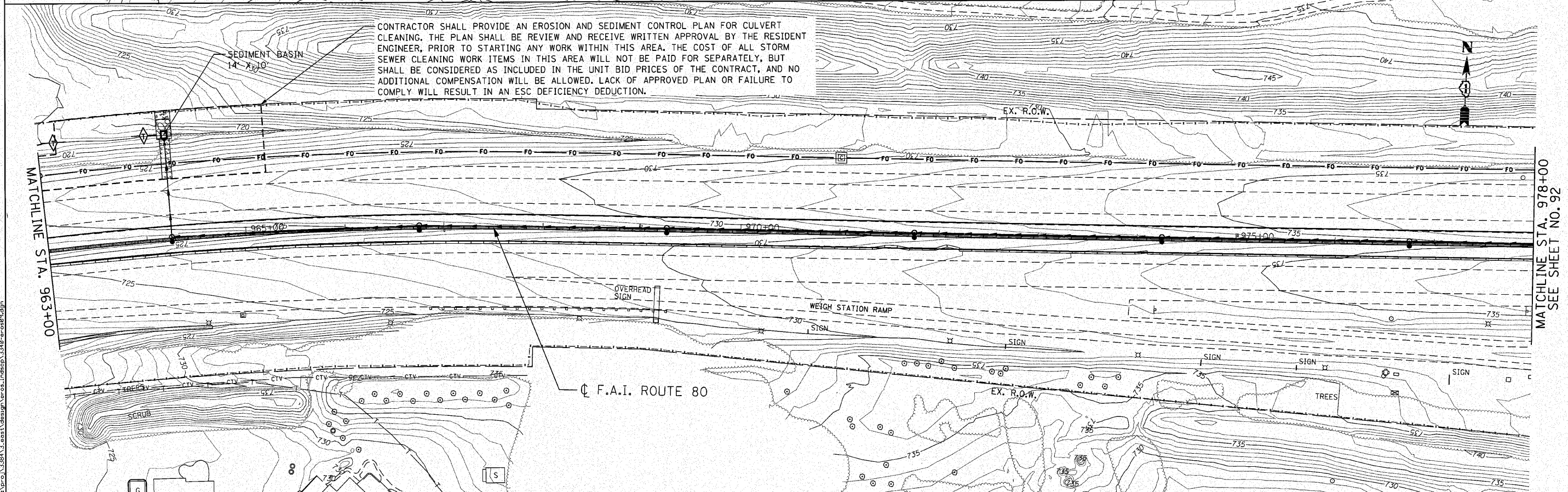
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-11 Y-1	WILL	309	90
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				



CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR CULVERT CLEANING. THE PLAN SHALL BE REVIEW AND RECEIVE WRITTEN APPROVAL BY THE RESIDENT ENGINEER, PRIOR TO STARTING ANY WORK WITHIN THIS AREA. THE COST OF ALL STORM SEWER CLEANING WORK ITEMS IN THIS AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

- LEGEND**
- PERIMETER EROSION BARRIER
 - OUTLET FLOW
 - INLET PROTECTION
 - TEMPORARY DITCH CHECK
 - TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY MULCH
 - STONE RIP RAP WITH FILTER FABRIC

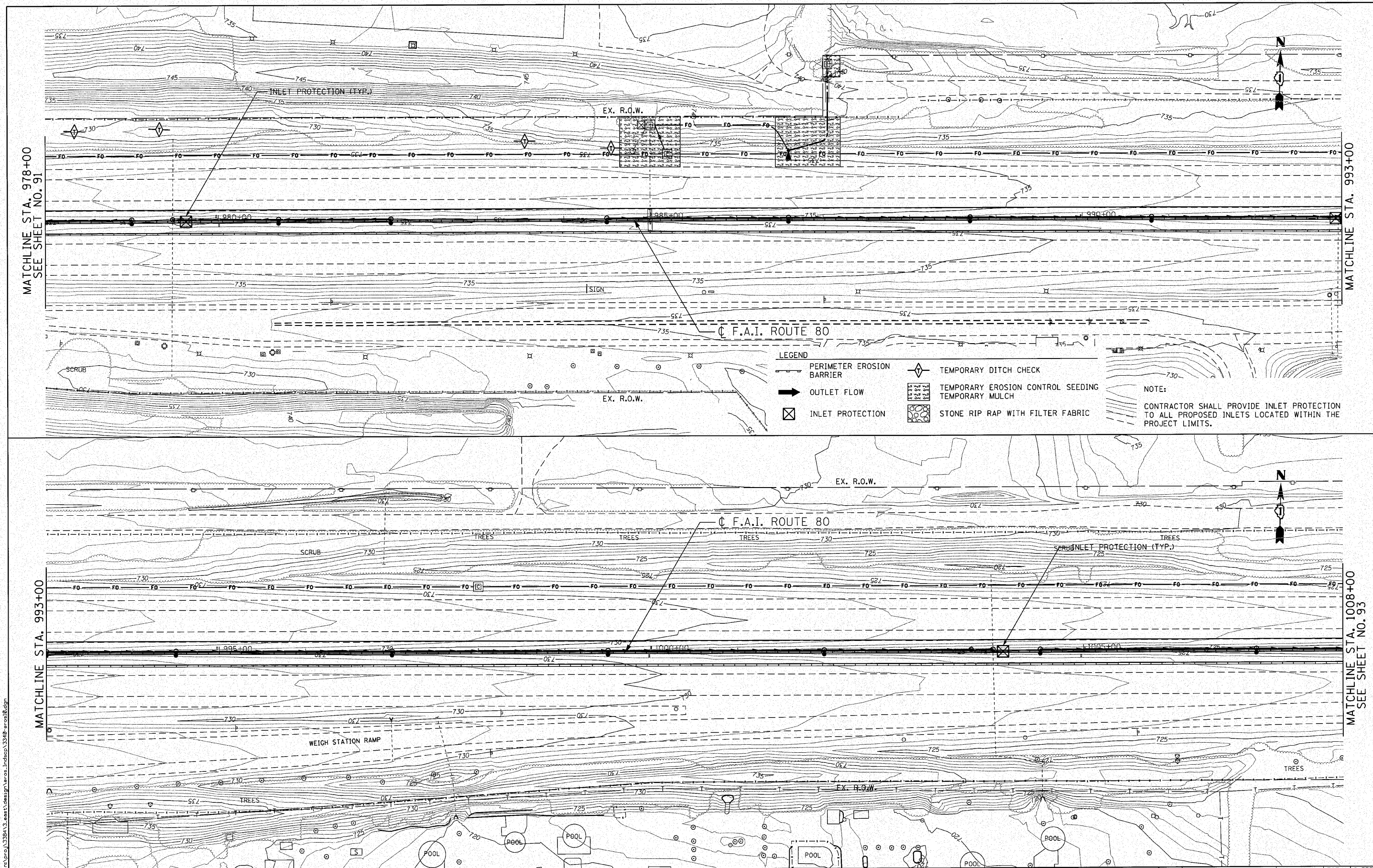
NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.



CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR CULVERT CLEANING. THE PLAN SHALL BE REVIEW AND RECEIVE WRITTEN APPROVAL BY THE RESIDENT ENGINEER, PRIOR TO STARTING ANY WORK WITHIN THIS AREA. THE COST OF ALL STORM SEWER CLEANING WORK ITEMS IN THIS AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

<p>ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 6527 North Cumberland Avenue, Suite 402 Chicago, Illinois 60634 Tel: 773.778.4208 Fax: 773.778.4014 Email: clorba@clorba.com</p>	USER NAME = dmorris	DESIGNED - CRC	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">F.A.I. 80 FROM NS RAILROAD TO US 45 EROSION AND SEDIMENT CONTROL PLAN</p>	F.A.I. RTE. 80	SECTION 99(5&5-1) Y-1	COUNTY WILL	TOTAL SHEETS 309	SHEET NO. 91
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 948+00 TO STA. 978+00	CONTRACT NO. 60M59	
	PLOT DATE = 12/6/2010	DATE = 10/27/2010	REVISED -							

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ENGINEERING CONSULTANT
Clorba Group, Inc.
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 6507 North Cumberland Avenue, Suite 402
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 Tel: 773.778.4000 Fax: 773.778.4014
 Email: cgroup@clorba.com

USER NAME = dmorris
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 12/6/2010

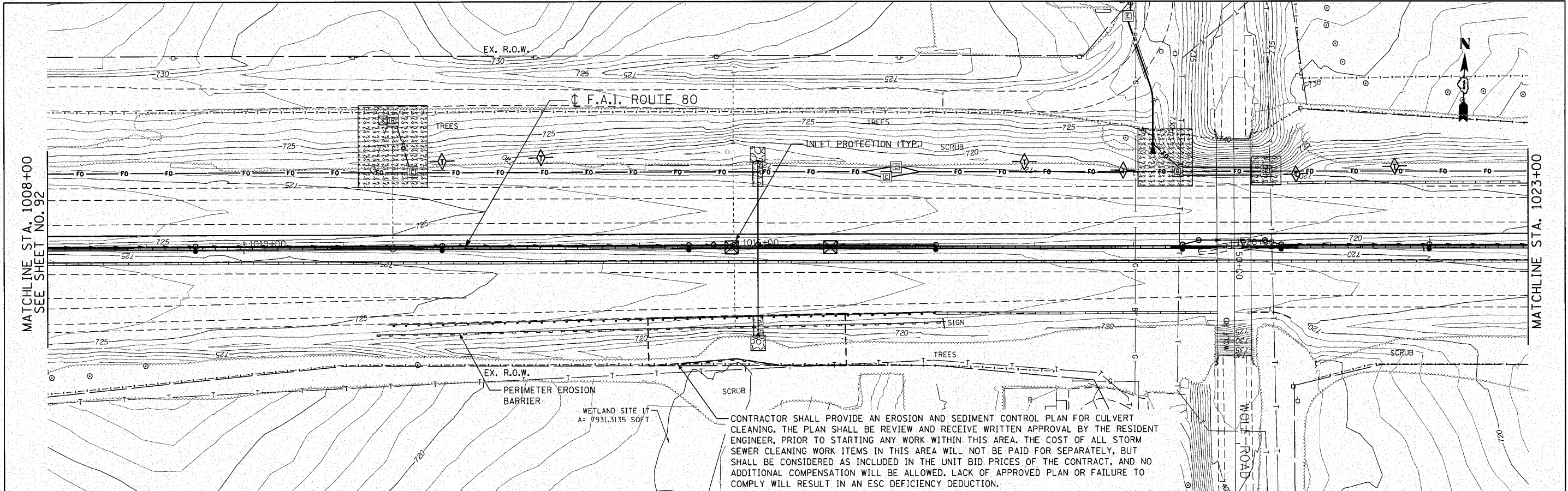
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DRAWN - JMK	REVISED -
CHECKED - MRJ	REVISED -
DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

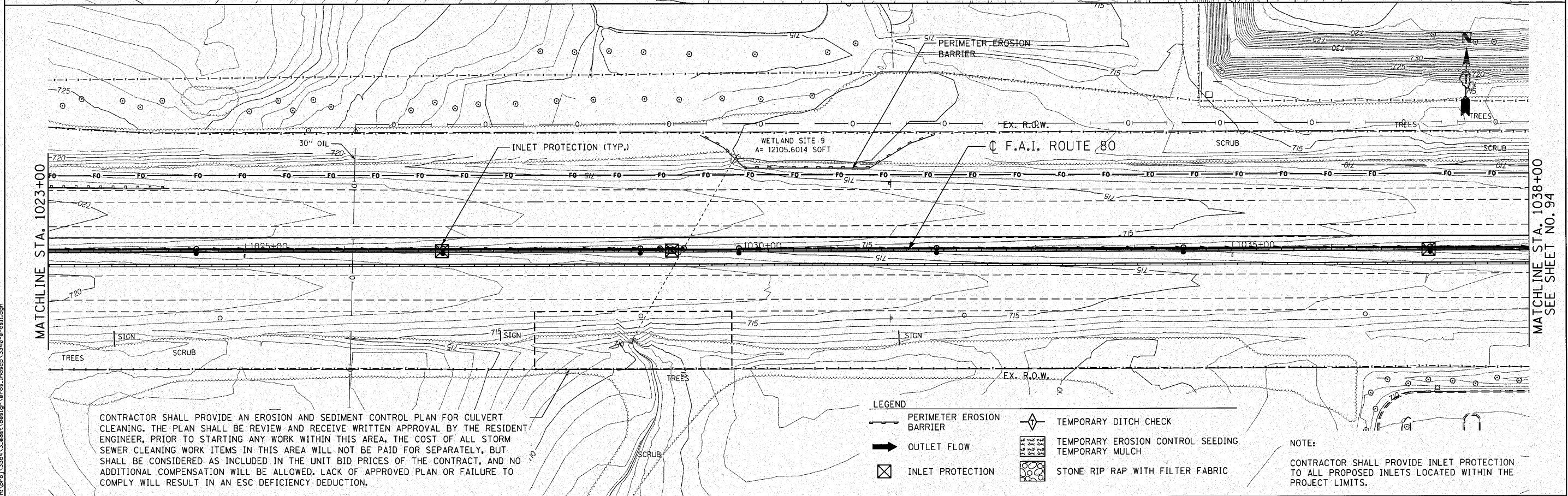
**F.A.I. 80 FROM NS RAILROAD TO US 45
 EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 978+00 TO STA. 1008+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	92
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	



CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR CULVERT CLEANING. THE PLAN SHALL BE REVIEW AND RECEIVE WRITTEN APPROVAL BY THE RESIDENT ENGINEER, PRIOR TO STARTING ANY WORK WITHIN THIS AREA. THE COST OF ALL STORM SEWER CLEANING WORK ITEMS IN THIS AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.



CONTRACTOR SHALL PROVIDE AN EROSION AND SEDIMENT CONTROL PLAN FOR CULVERT CLEANING. THE PLAN SHALL BE REVIEW AND RECEIVE WRITTEN APPROVAL BY THE RESIDENT ENGINEER, PRIOR TO STARTING ANY WORK WITHIN THIS AREA. THE COST OF ALL STORM SEWER CLEANING WORK ITEMS IN THIS AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

- LEGEND**
- PERIMETER EROSION BARRIER
 - OUTLET FLOW
 - ⊗ INLET PROTECTION
 - ◇ TEMPORARY DITCH CHECK
 - ▨ TEMPORARY EROSION CONTROL SEEDING
 - ▩ TEMPORARY MULCH
 - ⊞ STONE RIP RAP WITH FILTER FABRIC

NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.

ENGINEERING CONSULTANT
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 5507 North Cumberland Avenue, Suite 402
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 Tel: 773.776.4000 Fax: 773.776.4014
 Email: giorba@corp.com

USER NAME = dmorr18
 PLOT SCALE = 50,000' / IN.
 PLOT DATE = 12/6/2010

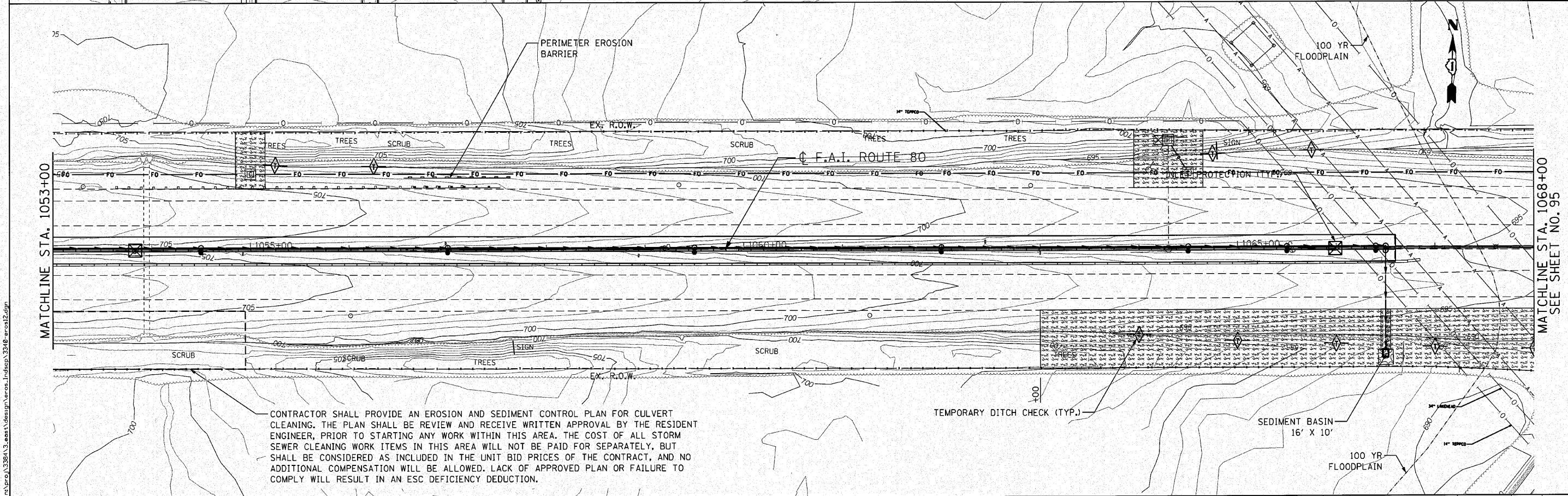
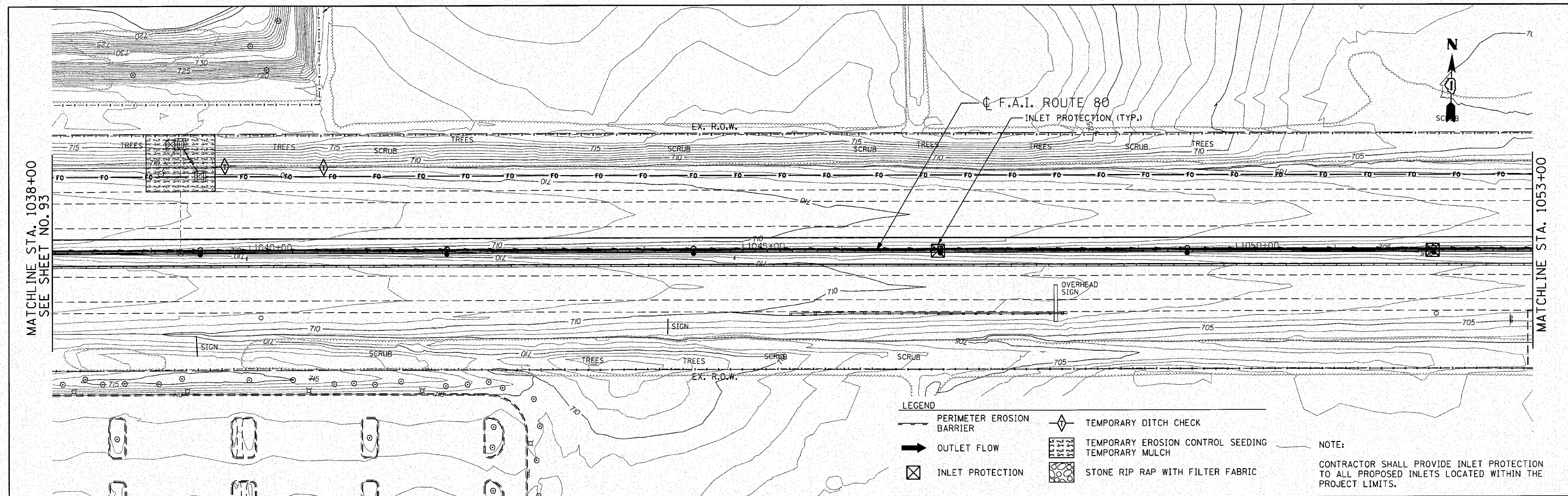
DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 EROSION AND SEDIMENT CONTROL PLAN**
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1008+00 TO STA. 1038+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	93
CONTRACT NO. 60M59				ILLINOIS FED. AID PROJECT



ENGINEERING CONSULTANT
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 CONSULTING ENGINEERS
 6507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60655
 Tel: 773.776.4008 Fax: 773.776.4614
 Email: clorba@clorba.com

USER NAME = dmorris
 PLOT SCALE = 50,0000 "/ IN.
 PLOT DATE = 12/6/2010

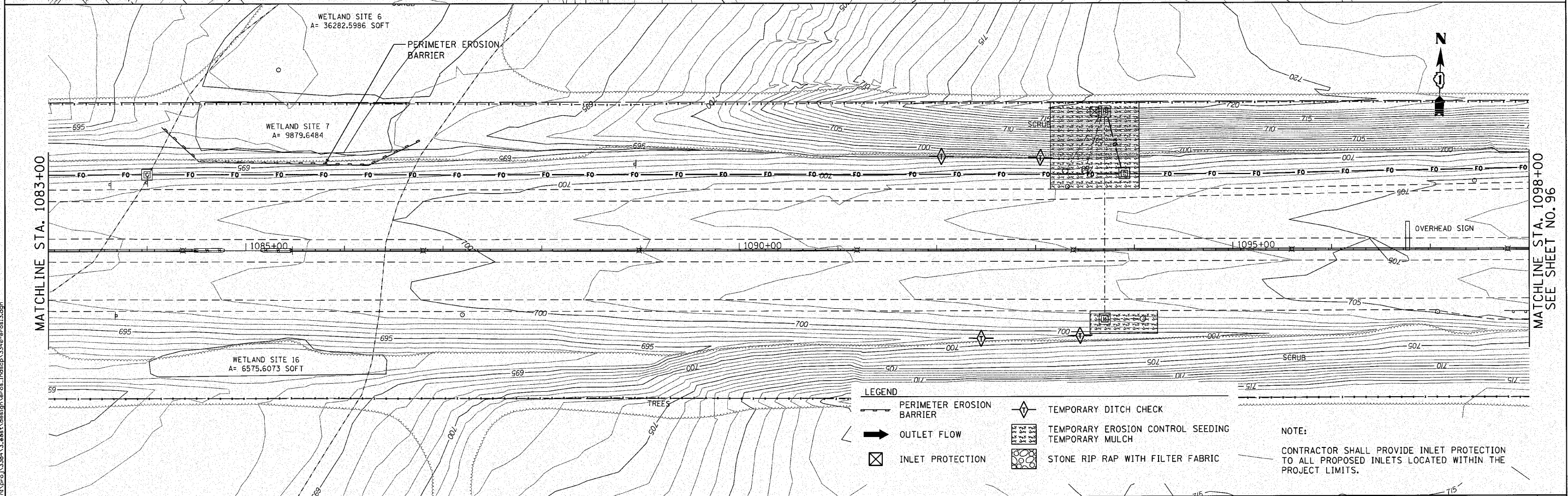
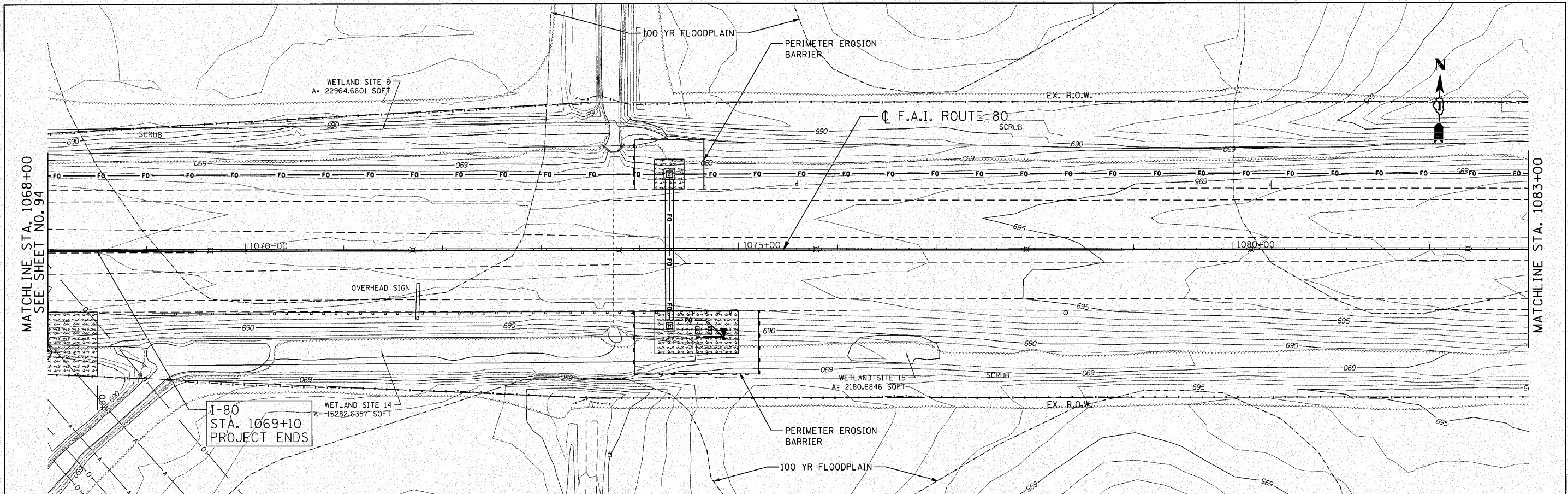
DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
 EROSION AND SEDIMENT CONTROL PLAN**
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1038+00 TO STA. 1068+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	94
			CONTRACT NO. 60M59	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PERIMETER EROSION BARRIER
 - OUTLET FLOW
 - INLET PROTECTION
 - TEMPORARY DITCH CHECK
 - TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY MULCH
 - STONE RIP RAP WITH FILTER FABRIC

NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.

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5507 North Cumberland Avenue, Suite 402
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Email: clorba@clorba.com

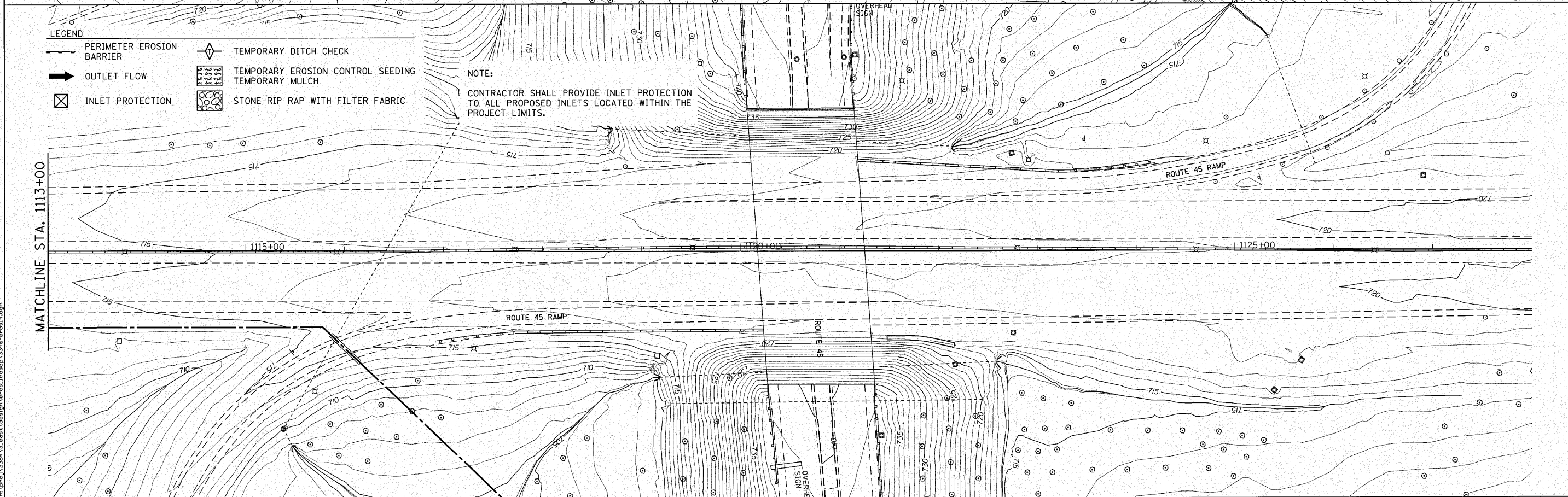
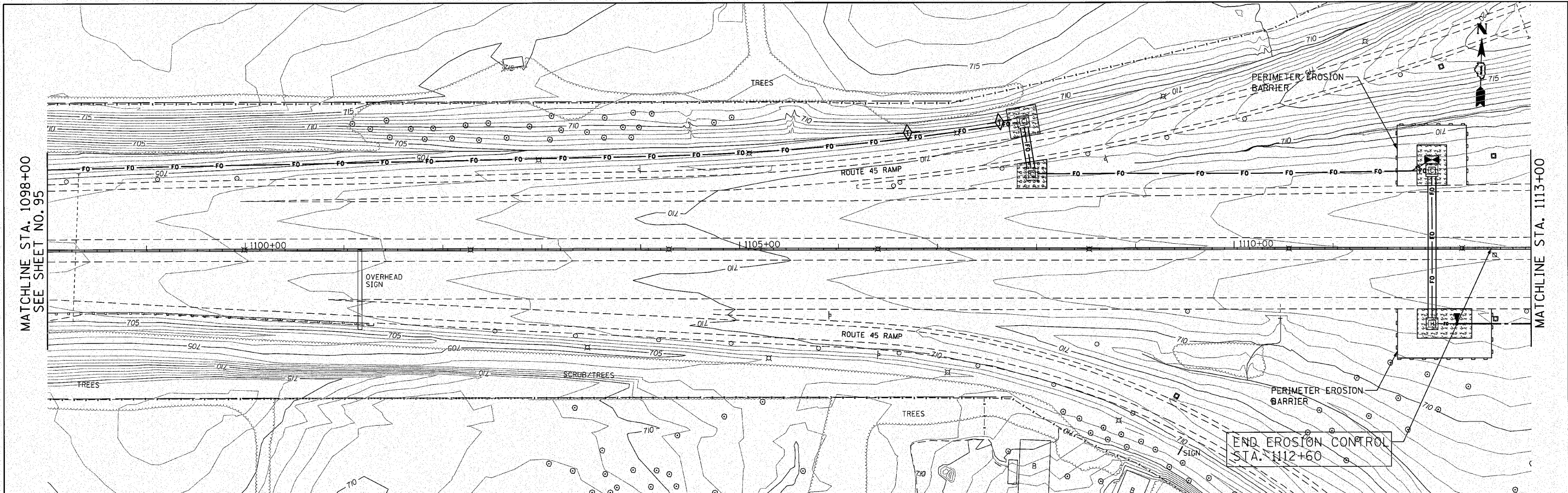
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PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1068+00 TO STA. 1074+75

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99(5&5-1) Y-1	WILL	309	95
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PERIMETER EROSION BARRIER
 - OUTLET FLOW
 - ⊠ INLET PROTECTION
 - ◇ TEMPORARY DITCH CHECK
 - ▨ TEMPORARY EROSION CONTROL SEEDING
 - ▩ TEMPORARY MULCH
 - STONE RIP RAP WITH FILTER FABRIC

NOTE:
 CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ALL PROPOSED INLETS LOCATED WITHIN THE PROJECT LIMITS.

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Clorba Group, Inc.
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 1507 North Commercial Avenue, Suite 402
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 Email: cgroup@clorba.com

USER NAME = dmorris
 PLOT SCALE = 58,000' / IN.
 PLOT DATE = 12/6/2010

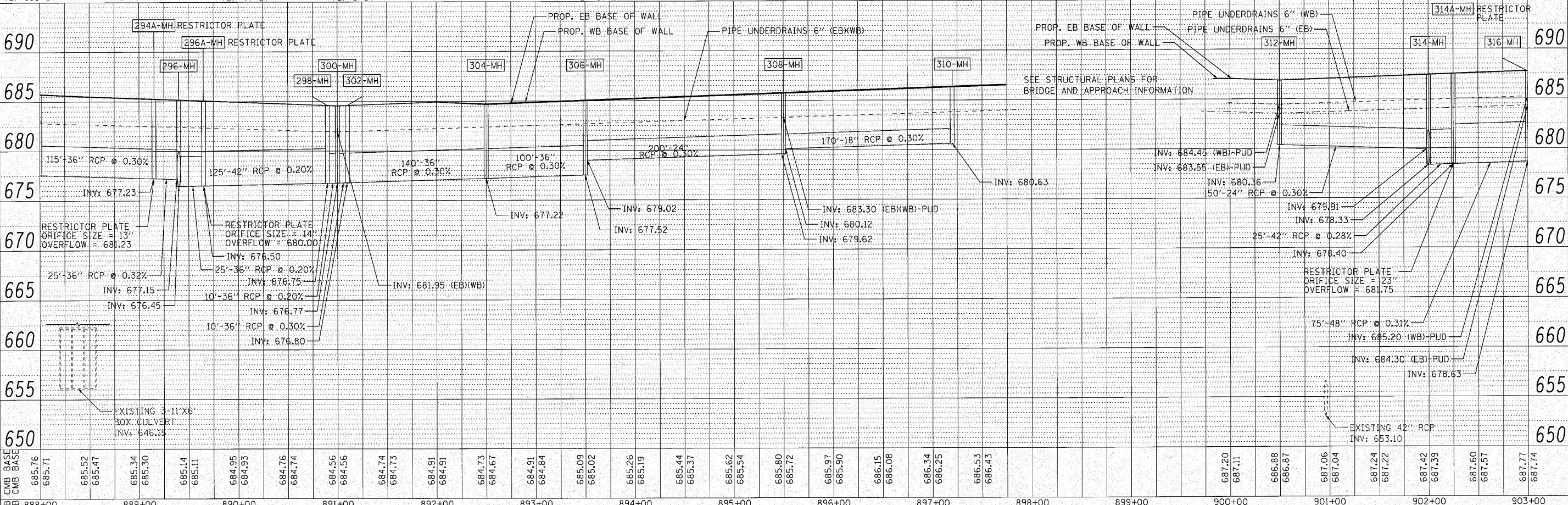
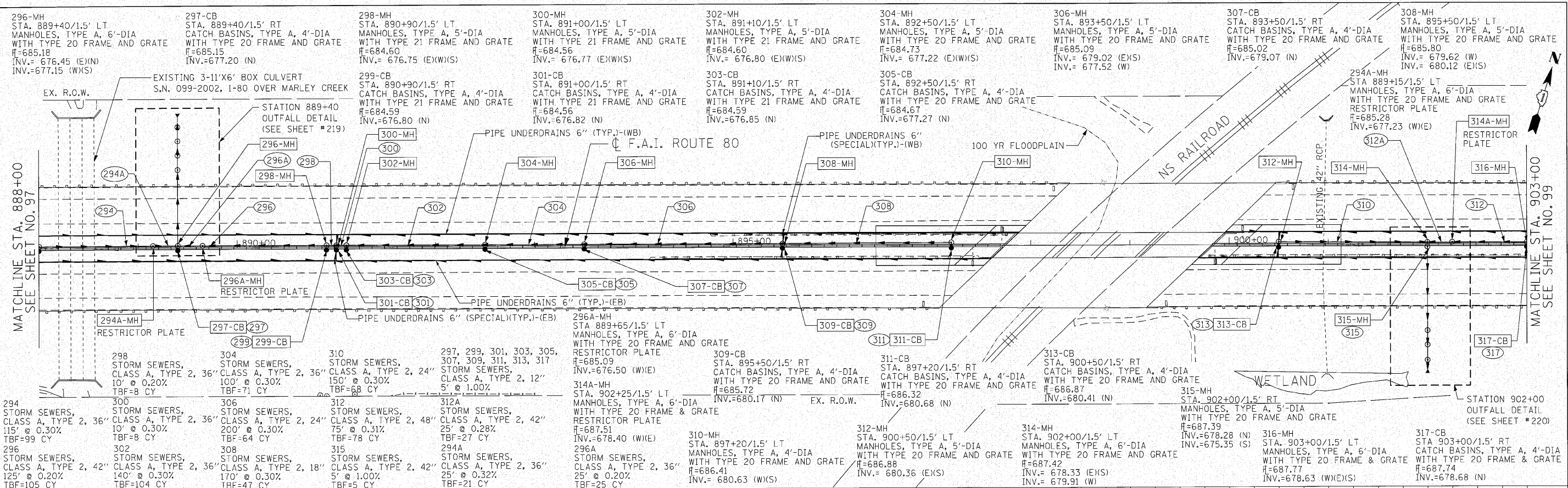
DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

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 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM NS RAILROAD TO US 45
EROSION AND SEDIMENT CONTROL PLAN
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1068+00 TO STA. 1074+75

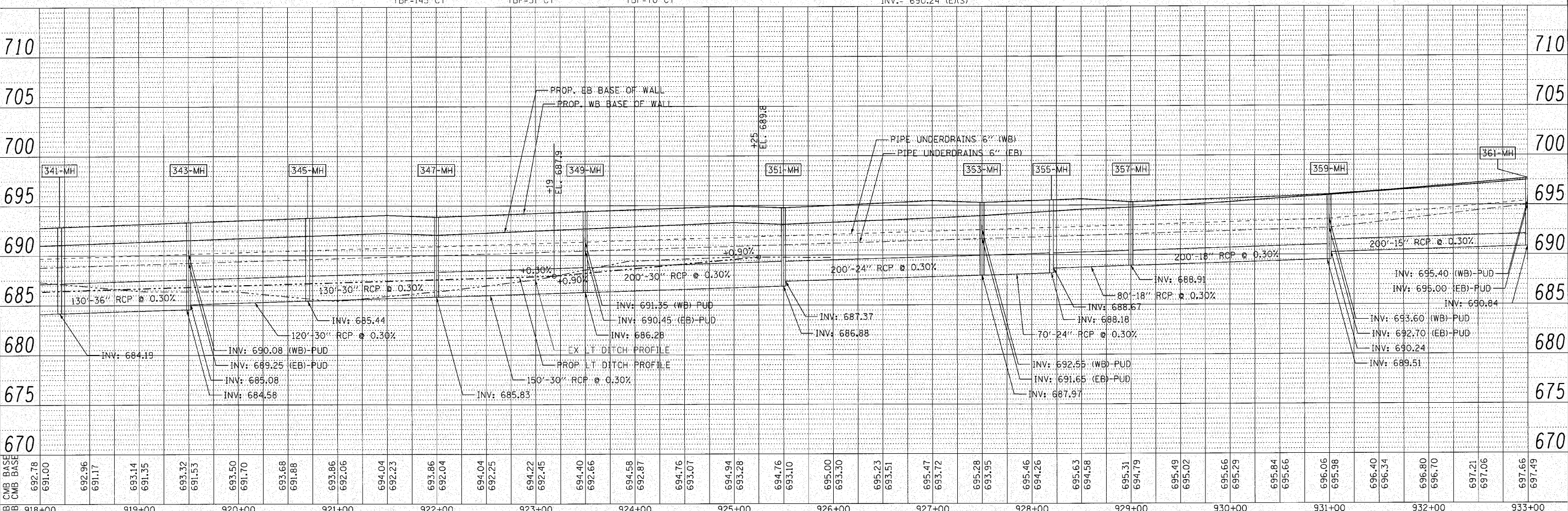
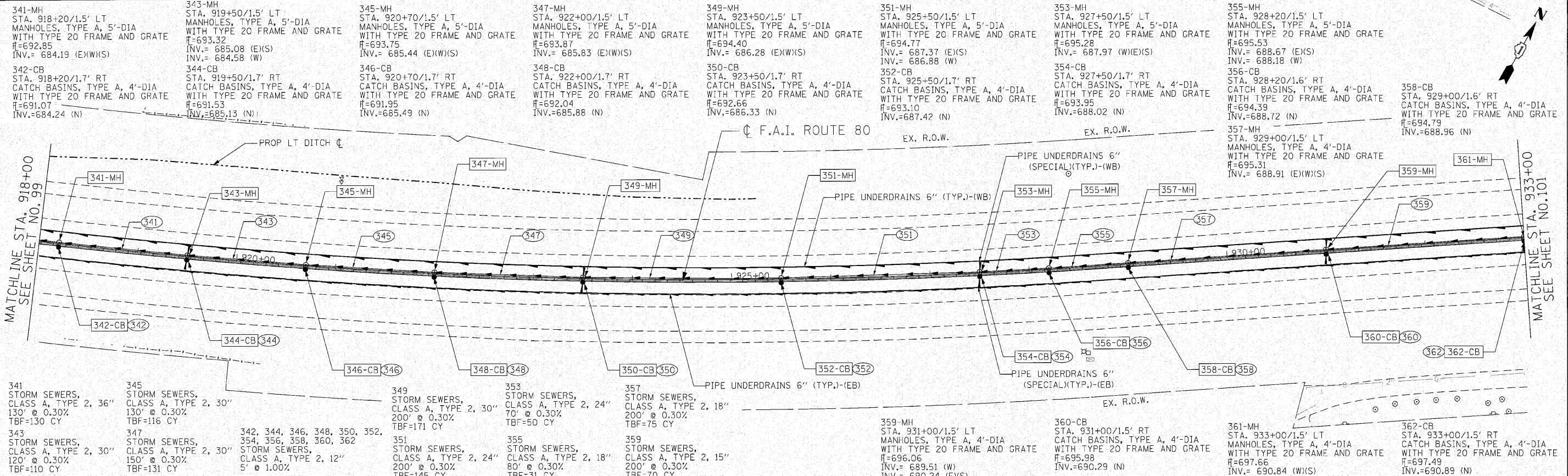
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-1) Y-1	WILL	309	96
				CONTRACT NO. 60M59
ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
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DESCRIPTION	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

ENGINEERING CONSULTANT	USER NAME = j_kjellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 80 FROM NS RAILROAD TO US 45 PROPOSED DRAINAGE PLAN AND PROFILE SCALE: 1" = 50' SHEET NO. 98 OF SHEETS STA. 888+00 TO STA. 903+00	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONSULTING ENGINEERS	PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -		80	99(5&S-1) Y-1	WILL	309	98
1507 North Chestnut Street, Suite 402 Chicago, Illinois 60610 Tel: 773.776.4000 Fax: 773.776.4014 Email: cengrpa@corba.com	PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -		CONTRACT NO. 60M59				
	DATE = 10/27/2010	DATE - 10/27/2010	REVISED -		ILLINOIS FED. AID PROJECT				



DATE	
BY	
PLAN	
NOTE BOOK	
NO.	
STANDARD	
PLOTTED	
REVISIONS	
NO. OF REVISIONS	
NO. OF CHECKS	
NO. OF APPROVALS	
CAD FILE NAME	

DATE	
BY	
PROFILE	
NOTE BOOK	
NO.	
STANDARD	
PLOTTED	
REVISIONS	
NO. OF REVISIONS	
NO. OF CHECKS	
NO. OF APPROVALS	
CAD FILE NAME	

ENGINEERING CONSULTANT	USER NAME = jkellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 80 FROM NS RAILROAD TO US 45 PROPOSED DRAINAGE PLAN AND PROFILE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CONSULTING ENGINEERS	PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -		80	9915&5-11 Y-1	WILL	309	100	
5501 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4614 Email: Chicago@clg.com	PLOT DATE = 10/28/2010	CHECKED - MRJ	REVISED -		SCALE: 1" = 50'	SHEET NO. 100 OF	SHEETS	STA. 918+00	TO STA. 933+00	CONTRACT NO. 60M59
		DATE - 10/27/2010	REVISED -		ILLINOIS FED. AID PROJECT					