

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 80 (INTERSTATE 80)
SECTION 99-5-Y
PROJECT: ACIM-080-4(191)41
U.S. ROUTE 30 TO NORFOLK SOUTHERN RAILROAD
ADDITIONAL LANES, SIGNING & SURVEILLANCE
WILL COUNTY
C-91-046-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	278	1
		ILLINOIS	CONTRACT NO. 60147	

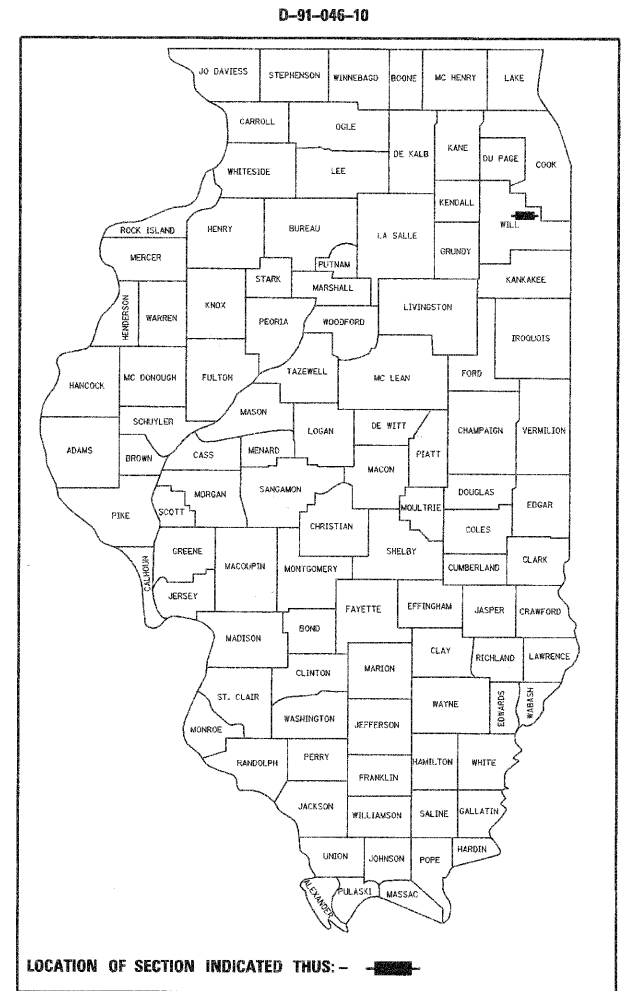
FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA
ADT (2008)
US ROUTE 30 TO I-355 = 80,500
I-355 TO US ROUTE 45 = 80,500

ADT (2030):
US ROUTE 30 TO I-355 = 121,000
I-355 TO US ROUTE 45 = 125,000

POSTED SPEED = 65 mph

PROJECT LOCATED IN THE VILLAGE
OF NEW LENOX



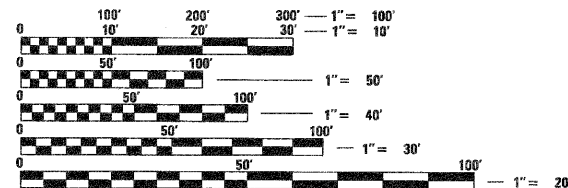
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCTOBER 22, 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. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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.

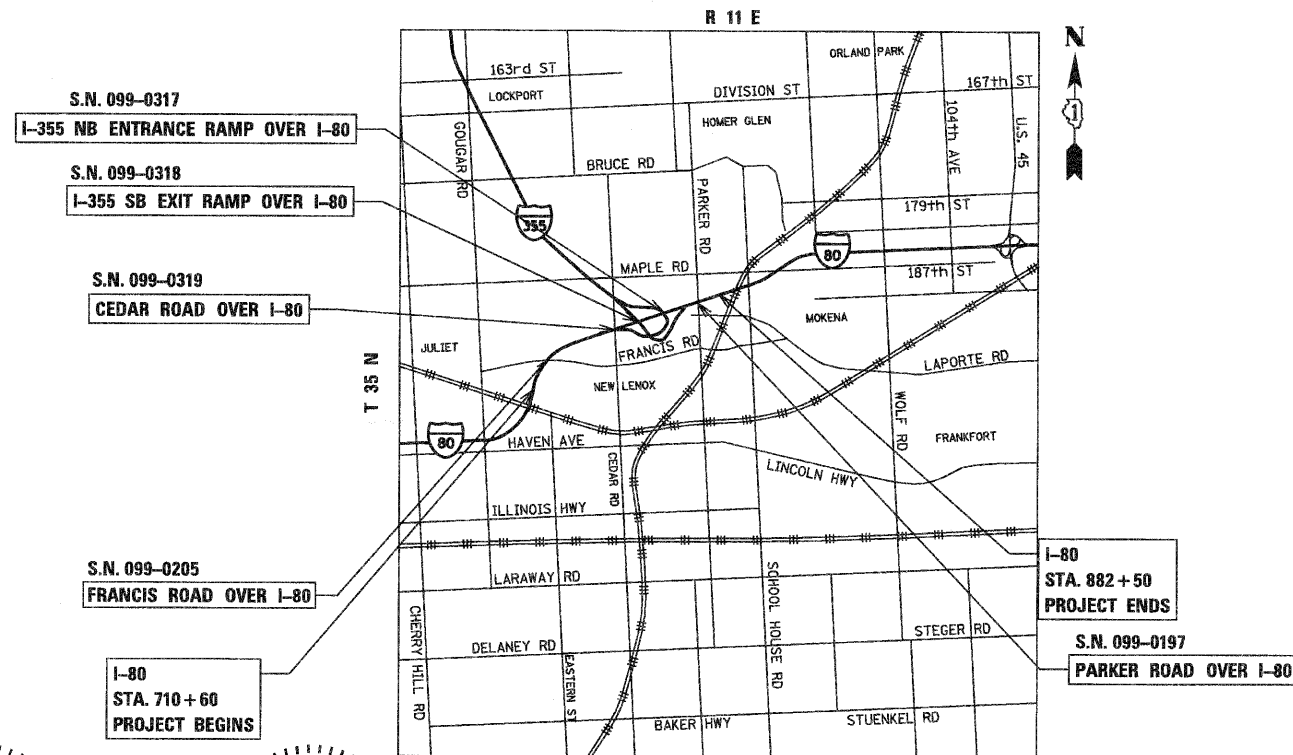
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SUNG BYUN
PROJECT MANAGER: KIM HARVEY

CONTRACT NO. 60147

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

RED M. LYN
062-056704
LICENSED PROFESSIONAL ENGINEER
DATE: 10/20/2010
SEAL EXPIRES: 11/30/2011
SHEETS: 98 - 123
127 - 135



GROSS LENGTH = 17,190 FT. = 3.26 MILE
NET LENGTH = 17,190 FT. = 3.26 MILE

Giorba Group, Inc.
DESIGN FIRM
REGISTRATION NUMBER
184-001016
CONSULTING ENGINEERS
SUITE 402, 5507 NORTH CUMBERLAND AVE
CHICAGO, ILLINOIS 60656 :: (773) 775-4009

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS


INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & STATE STANDARDS
3	GENERAL NOTES AND DRAINAGE GENERAL NOTES
4 - 11	SUMMARY OF QUANTITIES
12 - 14	TYPICAL SECTIONS
15 - 26	SCHEDULE OF QUANTITIES
27 - 33	ALIGNMENTS, TIES, AND BENCHMARKS
34 - 45	ROADWAY PLAN & PROFILE
46 - 57	SOIL BORING LOCATION PLANS & SOIL PROFILES
58 - 77	STAGING AND TRAFFIC CONTROL PLANS
78 - 83	EROSION AND SEDIMENT CONTROL PLANS
84 - 95	PROPOSED DRAINAGE PLAN & PROFILE
96 - 97	SIGNING SCHEDULE
98 - 123	PAVEMENT MARKING AND SIGNING PLANS
124 - 144	SIGN STRUCTURE PLANS
145 - 150A	LANDSCAPING PLANS
151 - 163	SURVEILLANCE PLANS
* 164 - 183	SURVEILLANCE DETAILS
184	CONCRETE BARRIER TRANSITION DETAIL
185	DRAINAGE STRUCTURES AT BARRIER WALL DETAIL
186	DRAINAGE CONNECTION DETAILS
187	BARRIER TRANSITION AT SIGN FOUNDATION DETAIL
188 - 190	HICKORY CREEK TRIBUTARY CULVERT DETAILS
191 - 192	FRANCIS ROAD CULVERT DETAILS
193	SEDIMENT BASIN DETAIL
194	(BD12) MANHOLE WITH RESTRICTOR PLATE
195	(BD27) CONCRETE BARRIER TRANSITION, GENERAL DETAILS AND CONCRETE BARRIER BASE
196 - 199	(BM21) REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
200	(TC08) FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
201	(TC09) TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
202 - 203	(TC11) RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
204	(TC12) MULTI-LANE FREEWAY PAVEMENT MARKINGS
205	(TC17) TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
206	(TC18) SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
207	(TC25) TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
208	(TC27) MILE POST MARKERS - GORE SIGNS - MAJOR GUIDE SIGN LAYOUT - ARROWS
209 - 276	CROSS SECTIONS
* 174	NOT USED

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
442001-04	CLASS A PATCHES
483001-04	PCC SHOULDER
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 15" (375 MM) THRU 36" (900 MM) DIAMETER AT RIGHT ANGLES WITH ROADWAY
542121-02	REINFORCED CONCRETE END SECTIONS FOR MULTIPLE PIPE CULVERTS 42" (1050 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)
542606-02	REINFORCED CONCRETE PIPE TEE
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
604036-02	GRATE TYPE 8
604071-04	FRAME AND GRATE TYPE 20
604076-04	FRAME AND GRATE TYPE 21
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
606401-01	PAVED DITCH
630001-09	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-07	TRAFFIC BARRIER TERMINAL, TYPE 2
631033-04	TRAFFIC BARRIER TERMINAL, TYPE 6B
631046-04	TRAFFIC BARRIER TERMINAL, TYPE 10
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 OPERATIONS, FOR SPEEDS > OR = 45 MPH
701446-02	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701456-01	PARTIAL EXIT RAMP 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

N:\PROJ\328A\2_Nest\Design\MapSheets\328A4-Index.dgn

 ENGINEERING CONSULTANT Ciorba Group, Inc. CONSULTING ENGINEERS <small>6527 North Cumberland Avenue, Suite 402 Chicago, Illinois 60658 Tel: 773.775.4000 Fax: 773.775.4614 Email: ciorbagr@ciorba.com</small>	USER NAME = ecornewell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD INDEX OF SHEETS AND STATE STANDARDS	F.A.I. RTE. = 80	SECTION = 99-5-Y	COUNTY = WILL	TOTAL SHEETS = 276	SHEET NO. = 2
	PLOT SCALE = 1:8000 @ 1/4" IN.	CHECKED - MRJ	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 60147	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/6/2010	DATE = 10/27/2010	REVISED -							

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. 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. A SECTION OF TEMPORARY CONCRETE BARRIER WILL BE LEFT IN PLACE AT THE COMPLETION OF THE CONTRACT ON WESTBOUND I-80 AT THE WEST PROJECT LIMIT. THE TEMPORARY CONCRETE BARRIER WILL BE FURNISHED BY THE CONTRACTOR AND MUST MEET THE REQUIREMENTS OF IDOT STANDARD 704001. AT THE COMPLETION OF THE CONTRACT THE BARRIER WILL BECOME THE PROPERTY OF THE STATE. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR RELOCATE TEMPORARY CONCRETE BARRIER, SPECIAL.
18. A QUANTITY OF REPLACEMENT REFLECTORS HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE THE EXISTING REFLECTORS IN THE RAISED REFLECTIVE PAVEMENT MARKERS ARE MISSING OR DAMAGED. THE NEED FOR REPLACEMENT REFLECTORS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF NO REPLACEMENT REFLECTORS ARE NECESSARY, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
19. 33,330' OF THE PROPOSED SHOULDER RUMBLE STRIPS ARE LOCATED IN THE PROPOSED CONCRETE SHOULDER. 15,095' 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).
20. 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

M:\PROJ\3384\2_Misc\Design\Map\Sheet\33844-CombNotes01.dgn



USER NAME = jk,jellman	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 US 30 TO NS RAILROAD
GENERAL NOTES AND DRAINAGE NOTES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	3
			CONTRACT NO. 60147	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		ROADWAY 0003	LANDSCAPING 0031
			URBAN TOTAL			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	338			338
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	146			146
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20			20
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20			20
20200100	EARTH EXCAVATION	CU YD	15,380	15,380		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	12,721	12,721		
20800150	TRENCH BACKFILL	CU YD	11,083	11,083		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,500	2,500		
21101605	TOPSOIL FURNISH AND PLACE, 2"	SQ YD	94,800			94,800
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	58,080			58,080
25000210	SEEDING, CLASS 2A	ACRE	2			2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90			90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90			90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90			90
Δ 25000750	MOWING	ACRE	33			33

• DENOTES SPECIALTY ITEM
Δ = NON-PARTICIPATING

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		ROADWAY 0003	LANDSCAPING 0031
			URBAN TOTAL			
25100105	MULCH, METHOD 1	ACRE	10			10
25100115	MULCH, METHOD 2	ACRE	10			10
25100630	EROSION CONTROL BLANKET	SQ YD	9,430	9,430		
28000305	TEMPORARY DITCH CHECKS	FOOT	1,180	1,180		
28000400	PERIMETER EROSION BARRIER	FOOT	1,345	1,345		
28000500	INLET AND PIPE PROTECTION	EACH	213	213		
28100101	STONE RIPRAP, CLASS A1	SQ YD	190	190		
28100107	STONE RIPRAP, CLASS A4	SQ YD	190	190		
28100207	STONE RIPRAP, CLASS A4	TON	1,163	1,163		
28200200	FILTER FABRIC	SQ YD	190	190		
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	49,890	49,890		
42001300	PROTECTIVE COAT	SQ YD	15,320	15,320		
44000100	PAVEMENT REMOVAL	SQ YD	662	662		
44000400	GUTTER REMOVAL	FOOT	41	41		
44004000	PAVED DITCH REMOVAL	FOOT	120	120		


N:\PROJ\338A\2_west\Design\Kiac\Sheet\338A-5007.dgn

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		ROADWAY 0003	LANDSCAPING 0031
			URBAN TOTAL			
44213000	PATCHING REINFORCEMENT	SQ YD	190		190	
44213200	SAW CUTS	FOOT	780		780	
44213204	TIE BARS 3/4"	EACH	235		235	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,106		1,106	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	509		509	
48300705	PORTLAND CEMENT CONCRETE SHOULDERS 12 1/4"	SQ YD	44,440		44,440	
50102400	CONCRETE REMOVAL	CU YD	3.6		3.6	
50104400	CONCRETE HEADWALL REMOVAL	EACH	5		5	
50200100	STRUCTURE EXCAVATION	CU YD	89		89	
50300225	CONCRETE STRUCTURES	CU YD	50.3		50.3	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,130		4,130	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		1	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1		1	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1		1	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1		1	
54215418	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 18"	EACH	1		1	

* DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		ROADWAY 0003	LANDSCAPING 0031
			URBAN TOTAL			
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	1		1	
54217722	REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 24" RISER	EACH	1		1	
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1		1	
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1		1	
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1		1	
54248510	CONCRETE COLLAR	CU YD	1		1	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	43		43	
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	25		25	
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	50		50	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,070		1,070	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	825		825	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,427		2,427	
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	450		450	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	3,301		3,301	
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	3,612		3,612	
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	2,455		2,455	

n:\proj\338942\ext\design\mascowhwa\33894-50002.dgn

 ENGINEERING CONSULTANT Clorn Group Inc. CONSULTING ENGINEERS <small>6007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4000 Fax: 773.776.4014 Email: cgroup@clorn.com</small>	USER NAME = jvondra	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD SUMMARY OF QUANTITIES	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 277	SHEET NO. 5
	PLT SCALE = 1:8000' / IN. PLT DATE = 10/28/2010	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. 60147			


Rev.

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL		ROADWAY 0003	LANDSCAPING 0031
			TOTAL			
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	665		665	
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	955		955	
55100500	STORM SEWER REMOVAL 12"	FOOT	30		30	
55200600	STORM SEWERS JACKED IN PLACE, 18"	FOOT	206		206	
55200900	STORM SEWERS JACKED IN PLACE, 24"	FOOT	91		91	
55201100	STORM SEWERS JACKED IN PLACE, 30"	FOOT	177		177	
55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	96		96	
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	268		268	
55201800	STORM SEWERS JACKED IN PLACE, 60"	FOOT	320		320	
58600100	SAND BACKFILL	CU YD	250		250	
60107700	PIPE UNDERDRAINS 6"	FOOT	33,400		33,400	
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	572		572	
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		2	
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	80		80	
60201320	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	6		6	

* DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL		ROADWAY 0003	LANDSCAPING 0031
			TOTAL			
60219510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	19		19	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11		11	
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2		2	
60222210	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	57		57	
60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	10		10	
60500050	REMOVING CATCH BASINS	EACH	1		1	
60500060	REMOVING INLETS	EACH	2		2	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4		4	
60615400	PAVED DITCH, TYPE A-15	FOOT	45		45	
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	2,090		2,090	
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	575		575	
63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	350		350	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2		2	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1		1	
63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1		1	

n:\pro\3384\2\est\design\misc\sheet\3384-5003.dgn

 ENGINEERING CONSULTANT 5007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4300 Fax: 773.775.4014 Email: cgroup@giorn.com	USER NAME = jvondra PLLOT SCALE = 1/8" = 1' / IN. PLLOT 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 NS RAILROAD SUMMARY OF QUANTITIES	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL TOTAL SHEETS 277 SHEET NO. 6 CONTRACT NO. 60147	ILLINOIS FED. AID PROJECT
	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	Rev.					

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3	
63200310	GUARDRAIL REMOVAL	FOOT	860	860	
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	100	100	
6330120	DELINEATOR REMOVAL	EACH	49	49	
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	1,708	1,708	
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	6,297	6,297	
6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	181	181	
63700805	CONCRETE BARRIER TRANSITION	FOOT	907	907	
63700900	CONCRETE BARRIER BASE	FOOT	17,410	17,410	
64200105	SHOULDER RUMBLE STRIPS	FOOT	47,585	47,585	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2	
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9	

* DENOTES SPECIALTY ITEM

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	64,800	64,800	
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	9,050	9,050	
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	680	680	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	28,320	28,320	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	39,650	39,650	
7040210	RELOCATE TEMPORARY CONCRETE BARRIER, SPECIAL	FOOT	315	315	
70400500	TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	466	466	
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	17,290	17,290	
* 72000100	SIGN PANEL-TYPE 1	SQ FT	37	37	
* 72000200	SIGN PANEL-TYPE 2	SQ FT	508	508	
* 72000300	SIGN PANEL-TYPE 3	SQ FT	3,332	3,332	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	15	15	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	29	29	
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	3,009	3,009	
72600100	MILEPOST MARKER ASSEMBLY	EACH	14	14	

n:\proj\3384\2-west\design\mass\sheet\3384-50084.dgn



USER NAME = jvandra	DESIGNED - CRC	REVISED -
PLOT SCALE = 1/8" = 1' IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/28/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 277	SHEET NO. 7
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

Rev.

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		
			URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	199	199	
* 73000100	WOOD SIGN SUPPORT	FOOT	306	306	
* 73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36"x5'-6")	FOOT	28	28	
* 73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	46	46	
* 73400100	CONCRETE FOUNDATIONS	CU YD	24.4	24.4	
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	74.4	74.4	
* 73500100	RELOCATE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2	2	
* 73500200	RELOCATE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	1	1	
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	6	6	
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2	
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	338	338	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	56,588	56,588	
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	16,652	16,652	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	16,285	16,285	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	3,130	3,130	

* DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		
			URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	791	791	
* 78100300	REPLACEMENT REFLECTOR	EACH	160	160	
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	90	90	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	25	25	
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	2,720	2,720	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	29,258	29,258	
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	250	250	
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	350	350	
* 81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	16,500	16,500	
* 81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	975	975	
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1125	1125	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	10	10	
* 81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	900	900	

N:\PROJ\3384\2-West\Design\Misc\Sheets\3384-5006.dgn



USER NAME = oodriwell	DESIGNED - CRC	REVISED -
PLLOT SCALE = 1/8" = 1' / IN.	DRAWN - JMK	REVISED -
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 NS RAILROAD SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 277	SHEET NO. 8
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

Rev.

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL		
			URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
• 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	17,700	17,700	
• 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	120	120	
• 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	12	12	
• 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2	2	
• 84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2	
• 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	40	40	
• 89502200	MODIFY EXISTING CONTROLLER	EACH	1	1	
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	19		19
K0029624	WEED CONTROL, TEASEL	GALLON	7.5		7.5
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	20		20
Δ K1003660	MOWING CYCLES	EACH	2		2
K1005418	TEMPORARY SEEDING	ACRE	23		23
X0300247	REMOVE WOOD POST	EACH	2	2	
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	16,196	16,196	
X0322118	REMOVE CONCRETE FLARED END SECTIONS	EACH	13	13	
• X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	8	8	

• DENOTES SPECIALTY ITEM
 Δ = NON-PARTICIPATING

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL		
			URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
X0323260	SEDIMENT BASIN	EACH	5	5	
• X0323898	CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	4	4	
• X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	11	11	
• X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	5	5	
• X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	36,400	36,400	
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	10		10
X7030035	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH	FOOT	600	600	
• X0326266	ETHERNET SWITCH	EACH	9	9	
• X0326366	ELECTRICAL EQUIPMENT REMOVAL AND SALVAGE	EACH	1	1	
X0326445	CONCRETE BARRIER, DOUBLE FACE (SPECIAL)	FOOT	2,195	2,195	
• X0326462	BUDGETARY ALLOWANCE FOR TOLLWAY FIBER OPTIC CONNECTION	L SUM	1	1	
• X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1	1	
• X0326945	CLOSED CIRCUIT TELEVISION CAMERA EQUIPMENT	EACH	4	4	
• X0326946	CLOSED CIRCUIT TELEVISION CAMERA INSTALLATION	EACH	4	4	
• X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	4	4	

M:\PROJ\3384\2-West\Design\MiscSheets\3384-SC006.dgn



USER NAME = coornwell
 PLOT SCALE = 1:2000 // 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 NS RAILROAD
 SUMMARY OF QUANTITIES

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


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	277	9
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		
			URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
X0326949	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE FOUNDATION, 30" DIAMETER	FOOT	40	40	
X0326964	FIBER OPTIC INTERCONNECT CABINET	EACH	2	2	
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	299	299	
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	10		10
50105220	PIPE CULVERT REMOVAL	FOOT	4	4	
X6370250	CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT	FOOT	6,303	6,303	
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	
X8360105	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	60	60	
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	43,500	43,500	
X8710036	FIBER OPTIC CABLE 12 F. SM	FOOT	3,300	3,300	
XX007665	PROPOSED STORM SEWER CONNECTION TO EXISTING CULVERT	EACH	1	1	
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	46,820	46,820	
Z0012710	CONCRETE HEADWALL FOR PIPE UNDERDRAIN REMOVAL	EACH	55	55	

* DENOTES SPECIALTY ITEM
 Δ = NON-PARTICIPATING

CODE NO.	ITEM	UNIT	90% FED. 10% STATE		
			URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0014800	CULVERT TO BE CLEANED	FOOT	1,055	1,055	
Z0023600	FILLING EXISTING CULVERTS	EACH	5	5	
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	5	5	
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	10	10	
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	500	500	
Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	5	5	
Z0064800	SELECTIVE CLEARING	UNIT	853		853
Z0076600	TRAINEES	HOUR			
Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	94	94	
44200577	CLASS A PATCHES, TYPE II, 12" INCH	SQ YD	40	40	
44200581	CLASS A PATCHES, TYPE III, 12" INCH	SQ YD	110	110	
44200583	CLASS A PATCHES, TYPE IV, 12" INCH	SQ YD	40	40	
X2503315	INTERSEEDING, CLASS 4 (MODIFIED)	ACRE	20		20

m:\pro\13384\2_vest\design\misc\shas\3384W-50007.dgn

 ENGINEERING CONSULTANT Giorn Group, Inc. CONSULTING ENGINEERS <small>807 North Chestnut Avenue, Suite 402 Chicago, Illinois 60610 Tel: 773.775.4000 Fax: 773.775.4014 Email: info@giorn.com</small>	USER NAME = jvondra	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD SUMMARY OF QUANTITIES	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 277	SHEET NO. 10	REV. CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT
	PLOT SCALE = 1/8" = 1' / IN. PLOT DATE = 10/28/2010	DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.					

CODE NO.	ITEM	UNIT	90% FED. 10% STATE URBAN TOTAL	ROADWAY 0003	LANDSCAPING 0031
Δ X2503110	MOWING (SPECIAL)	ACRE	0.23		0.23
04200600	REMOVAL OF LIGHTING, NO SALVAGE	EACH	2	2	
60219520	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	3	3	
60222220	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	3	3	
54213705	PRECAST FLARED REINFORCED CONCRETE END SECTIONS 160"	EACH	2	2	
X0327113	MANHOLE CONNECTION OVER EXISTING CULVERT	EACH	2	2	
X6020091	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE, RESTRICTOR PLATE	EACH	5	5	
Z0033052	COMMUNICATIONS VAULT	EACH	28	28	
X8710054	FIBER OPTIC TERMINATION PANEL, 12 F OR 24 F	EACH	8	8	
X0327114	RADAR VEHICLE SENSING DEVICE	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	
X0327118	RADAR VEHICLE SENSING DEVICE SOLAR PANEL AND SPREAD SPECTRUM RADIO ANTENNA POLE	EACH	12	12	
X0327119	RADAR VEHICLE SENSING DEVICE POLE ON BARRIER WALL	EACH	6	6	

• DENOTES SPECIALTY ITEM
Δ = NON-PARTICIPATING



USER NAME = jvondra
PLOT SCALE = 1:8000' / IN.
PLOT DATE = 10/28/2010

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

REVISED -
REVISED -
REVISED -
REVISED -

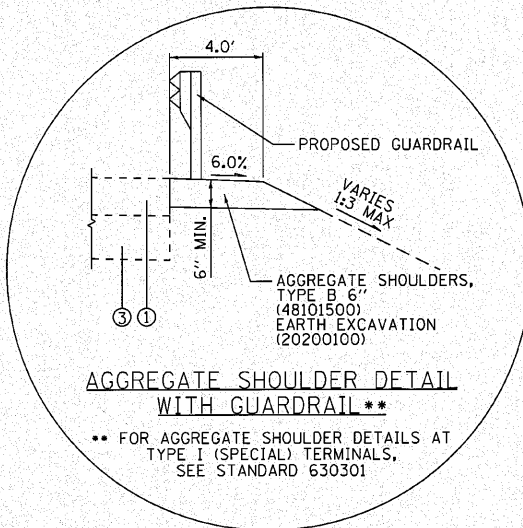
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
SUMMARY OF QUANTITIES

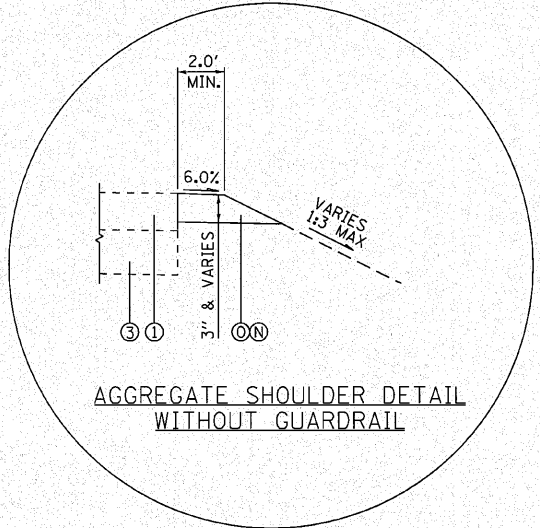
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	277	11
				CONTRACT NO. 60147
ILLINOIS FED. AID PROJECT				

Rev.

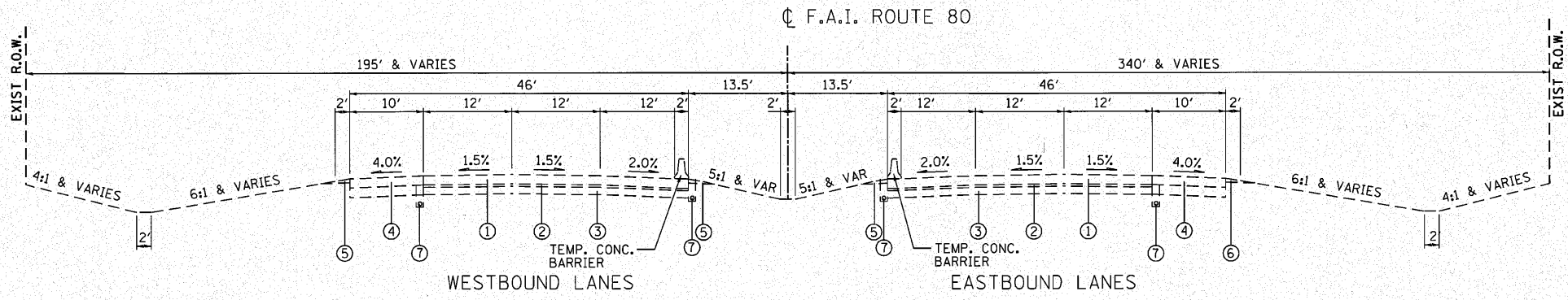


AGGREGATE SHOULDER DETAIL WITH GUARDRAIL**
 ** FOR AGGREGATE SHOULDER DETAILS AT TYPE I (SPECIAL) TERMINALS, SEE STANDARD 630301



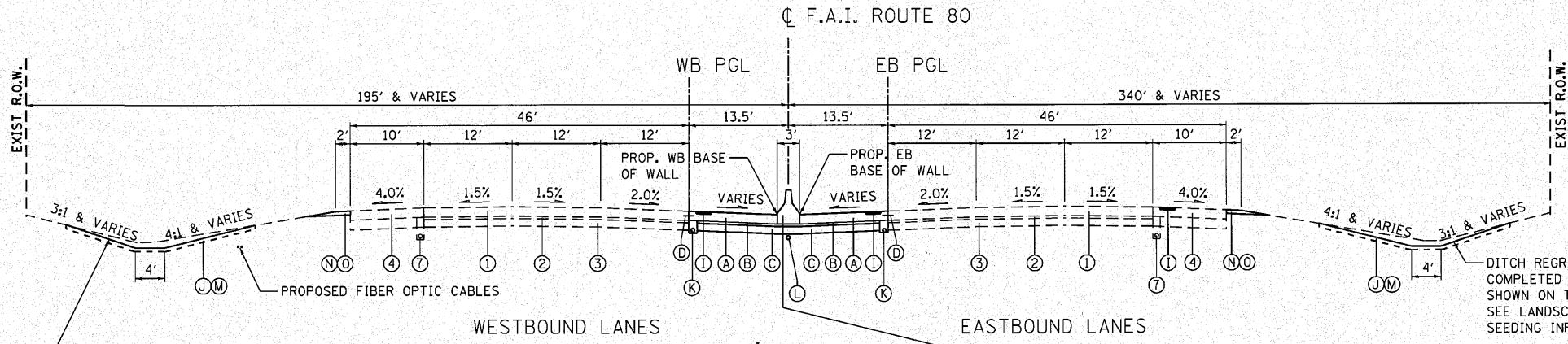
AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL

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
 STA. 715+85 TO STA. 718+37
 STA. 763+88 TO STA. 882+50
 (LOOKING EAST)



PROPOSED TYPICAL SECTION

F.A.I. ROUTE 80
 STA. 715+85 TO STA. 718+37
 STA. 763+88 TO STA. 882+50
 (LOOKING EAST)

NOTES:
 -SEE ROADWAY PLAN & PROFILE SHEETS FOR SHOULDER SLOPES
 -MAXIMUM ROLLOVER FROM INSIDE SHOULDER TO EDGE OF PAVEMENT IS 8.0%
 -SEE CONCRETE BARRIER DETAILS SHEET 14
 -DITCH REGRADING TO BE COMPLETED AT LOCATIONS SHOWN ON THE DRAINAGE PLANS. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.

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"

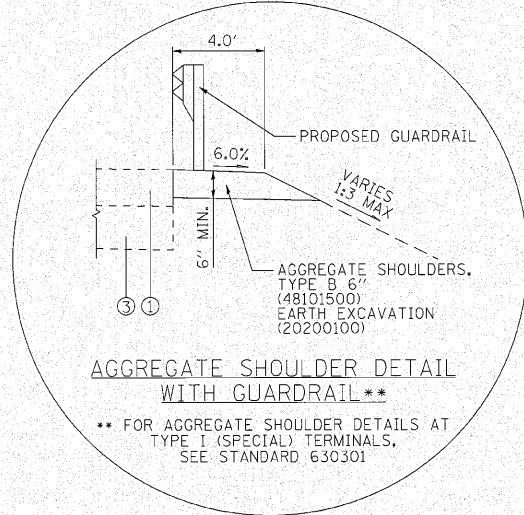
PROPOSED LEGEND

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

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.

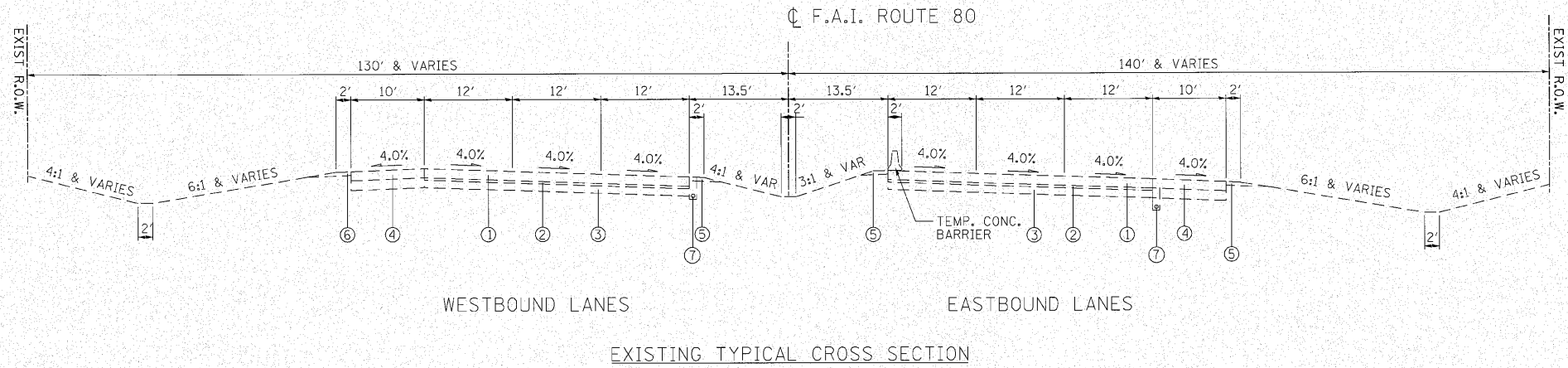
NOTE:
 HMA MIX SHALL BE PG 64-22 OR AS SPECIFIED IN THE "USE OF RAP" DISTRICT ONE SPECIAL PROVISION.

K:\PROJ\3384\2\Drawn\Design\Typical\Sections\3384W-Typical01.dgn



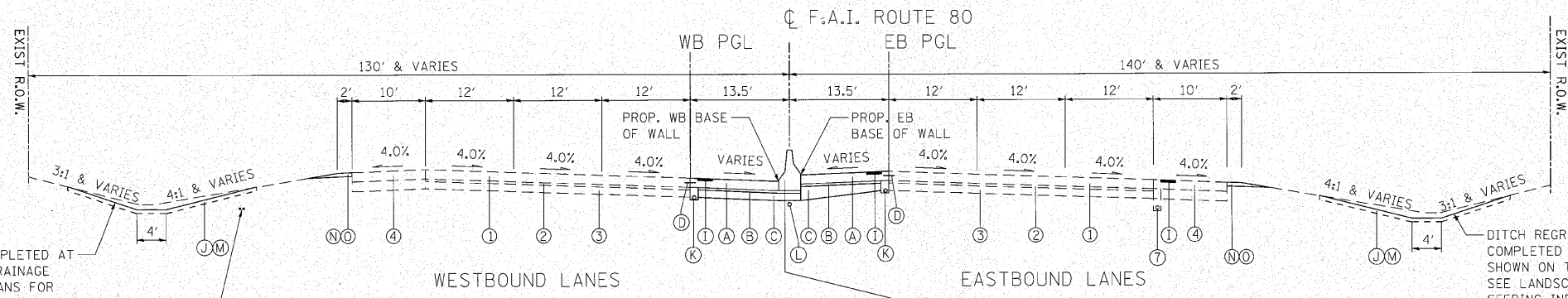
AGGREGATE SHOULDER DETAIL WITH GUARDRAIL **

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



EXISTING TYPICAL CROSS SECTION

F.A.I. ROUTE 80
STA. 718+37 TO STA. 763+88
(LOOKING EAST)



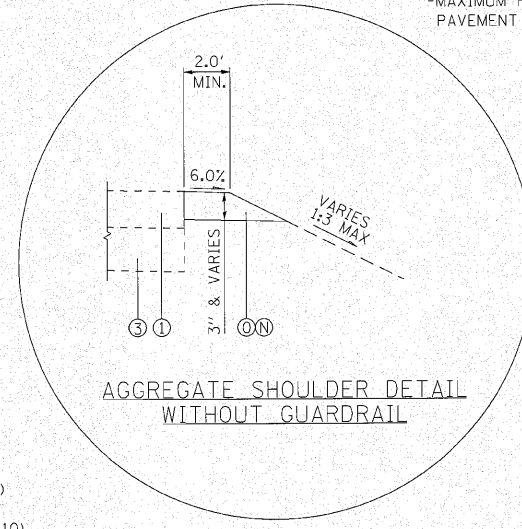
PROPOSED TYPICAL CROSS SECTION

F.A.I. ROUTE 80
STA. 718+37 TO STA. 763+88
(LOOKING EAST)

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

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

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



AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL

PROPOSED LEGEND

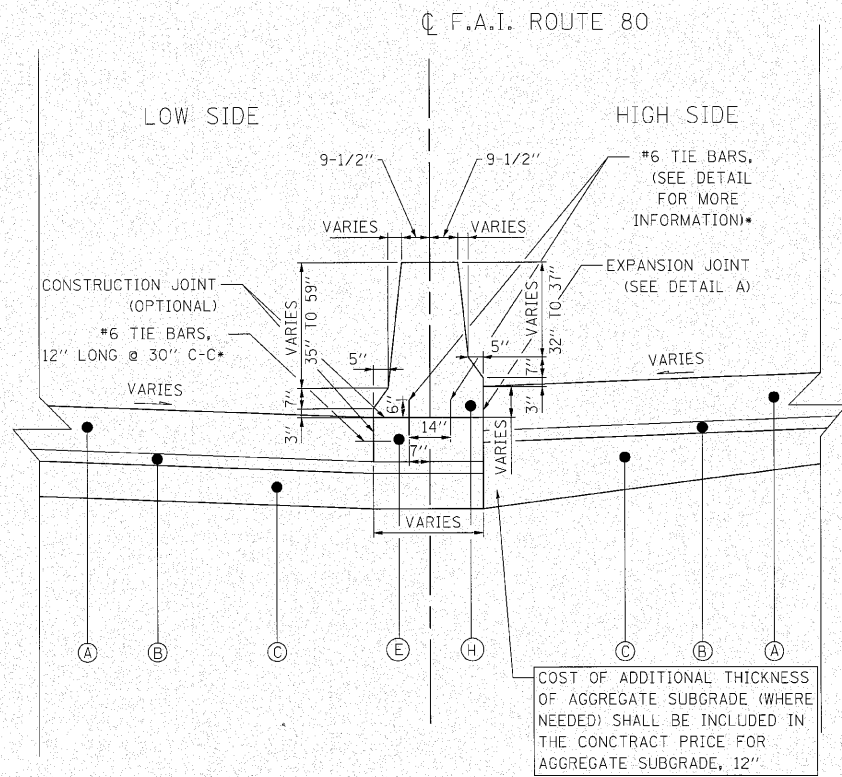
- (A) PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- (C) AGGREGATE SUBGRADE, 12" (Z0001050)
- (D) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER, 12 1/4")
- (E) CONCRETE BARRIER 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"

n:\p\3384\2-west\Design\Typical Sections\3384-Typical02.dwg

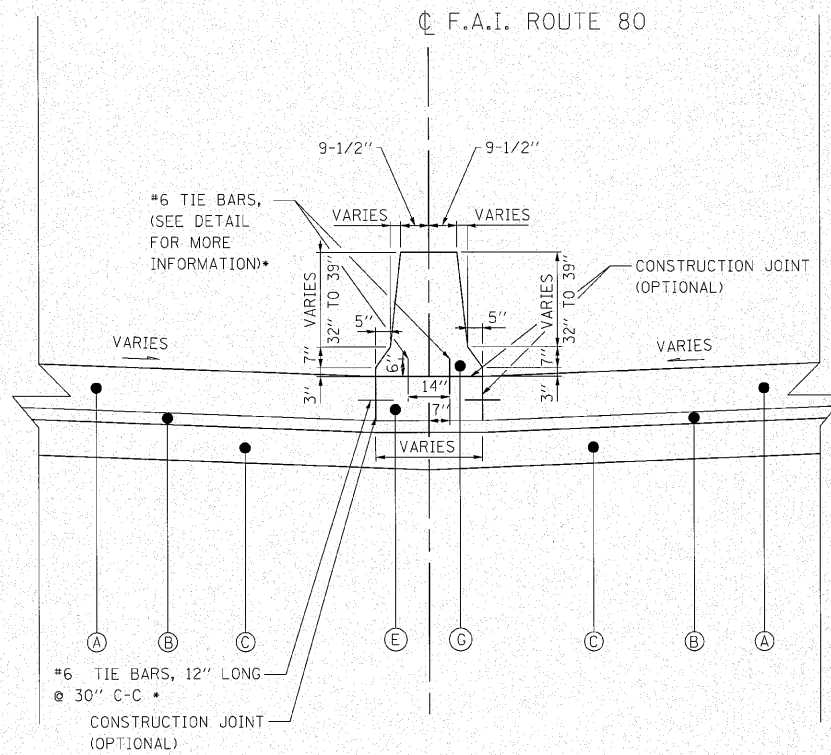
<p>Giorba Group, Inc. CONSULTING ENGINEERS 8607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60634 Tel: 773.775.6200 Fax: 773.775.4614 Email: giorba@giorba.com</p>	USER NAME = acornwell DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD TYPICAL SECTIONS	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL CONTRACT NO. 60147	TOTAL SHEETS 276 SHEET NO. 13
	PLOT SCALE = 10.00' / 1" PLOT DATE = 10/27/2010	SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	



MEDIAN DETAIL

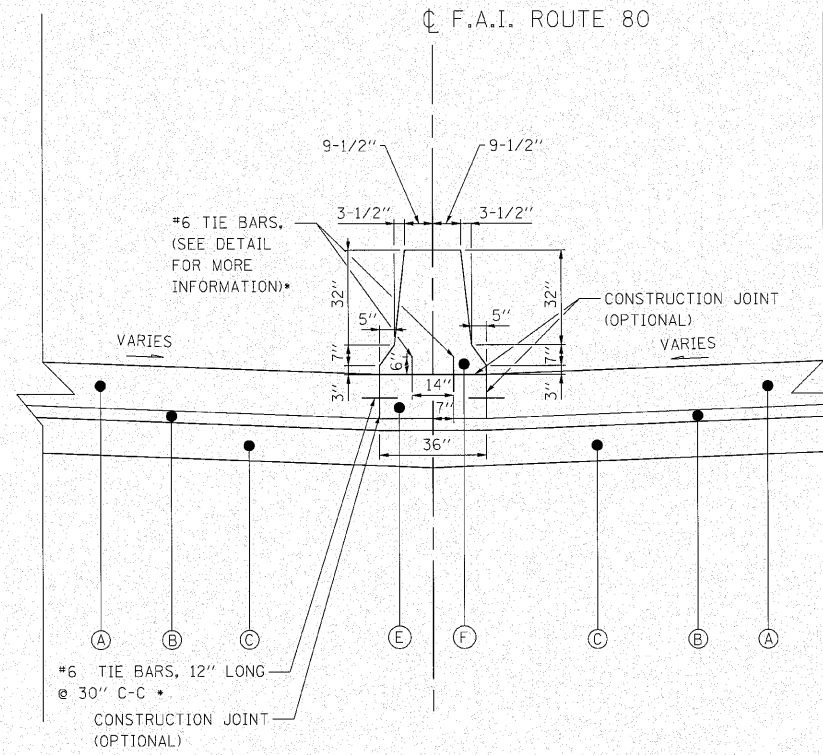
F.A.I. ROUTE 80
CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT

COST OF ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE (WHERE NEEDED) SHALL BE INCLUDED IN THE CONTRACT PRICE FOR AGGREGATE SUBGRADE, 12"



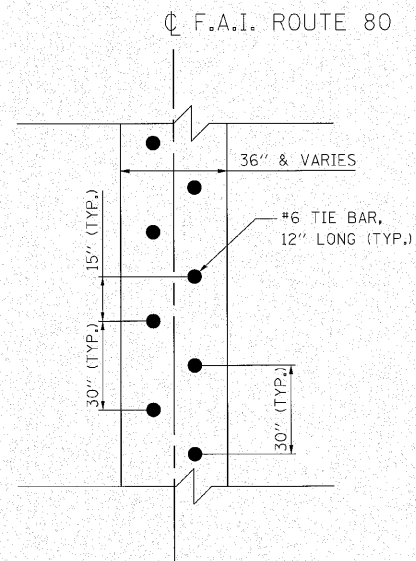
MEDIAN DETAIL

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



MEDIAN DETAIL

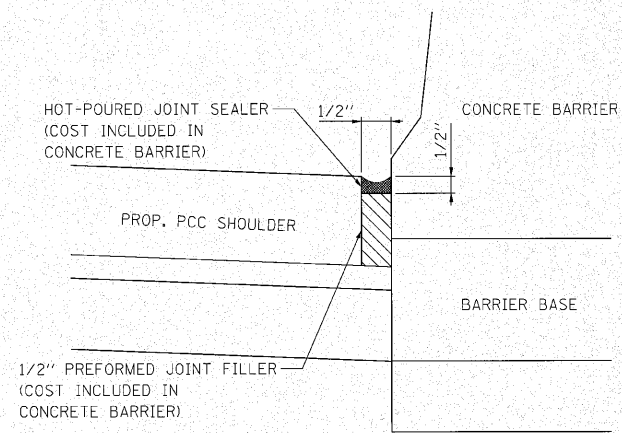
F.A.I. ROUTE 80
CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT



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" (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)

STA.	TO	STA.	CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT X6370250	CONCRETE BARRIER, DOUBLE FACE, SPECIAL X0326445	CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT 63700275
715+85	TO	736+95	2110		
738+05	TO	741+91	386		
744+53	TO	765+10	2057		
766+00	TO	783+50	1750		
783+50	TO	794+74		1124	
795+96	TO	799+03		307	
802+73	TO	811+56			883
815+13	TO	820+50			537
820+50	TO	826+64		614	
830+10	TO	839+29			919
840+47	TO	851+50			1103
851+50	TO	853+00		150	
853+00	TO	869+25			1625
870+20	TO	882+50			1230
TOTAL			6303	2195	6297

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.

n:\pro\3284\2\west\Drawn\Tj\local\Sections\3384-1\figs\02.dwg

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 (-)		
(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
I-80 FROM US 30 TO NS RAILROAD												
711+00.00	TO	712+00.00	0.0	0.0	0.0	0.0	0.0	130.2	110.7	50.0	4.3	106.4
712+00.00	TO	713+00.00	0.0	0.0	0.0	0.0	0.0	138.9	118.1	56.9	0.7	117.3
713+00.00	TO	714+00.00	0.0	0.0	0.0	0.0	0.0	135.7	115.4	100.7	15.7	99.6
714+00.00	TO	715+00.00	0.0	0.0	0.0	0.0	0.0	138.0	117.3	124.3	20.2	97.1
715+00.00	TO	715+85.95	0.0	0.0	0.0	0.0	0.0	48.9	41.5	61.9	14.0	27.5
715+85.95	TO	716+00.00	10.8	9.2	8.2	0.2	9.0	0.0	0.0	5.3	3.8	-3.8
716+00.00	TO	717+00.00	78.0	66.3	58.5	3.3	62.9	0.0	0.0	33.1	24.1	-24.1
717+00.00	TO	717+25.00	19.4	16.5	15.3	1.1	15.4	0.0	0.0	3.5	3.6	-3.6
717+25.00	TO	717+40.00	11.7	10.0	9.6	0.5	9.5	0.0	0.0	3.0	3.3	-3.3
717+40.00	TO	718+00.00	50.1	42.6	36.7	2.2	40.4	0.0	0.0	10.9	9.8	-9.8
718+00.00	TO	719+00.00	81.5	69.3	58.5	8.9	60.4	0.0	0.0	0.0	0.0	0.0
719+00.00	TO	720+00.00	81.5	69.3	58.5	8.5	60.7	0.0	0.0	0.0	0.0	0.0
720+00.00	TO	721+00.00	89.4	76.0	58.5	3.0	73.1	0.0	0.0	0.0	0.0	0.0
721+00.00	TO	722+00.00	89.4	76.0	58.5	2.6	73.4	0.0	0.0	0.0	0.0	0.0
722+00.00	TO	723+00.00	83.7	71.1	58.5	4.3	66.9	0.0	0.0	0.0	0.0	0.0
723+00.00	TO	724+00.00	77.0	65.5	58.5	8.3	57.1	0.0	0.0	0.0	0.0	0.0
724+00.00	TO	725+00.00	75.0	63.8	58.5	8.5	55.2	0.0	0.0	0.0	0.0	0.0
725+00.00	TO	726+00.00	69.1	58.7	58.3	11.3	47.4	0.0	0.0	0.0	0.0	0.0
726+00.00	TO	727+00.00	61.7	52.4	58.3	20.9	31.5	0.0	0.0	0.0	0.0	0.0
727+00.00	TO	728+00.00	68.3	58.1	58.3	21.5	36.6	0.0	0.0	0.0	0.0	0.0
728+00.00	TO	729+00.00	93.5	79.5	58.3	8.9	70.6	0.0	0.0	0.0	0.0	0.0
729+00.00	TO	730+00.00	89.1	75.7	58.5	7.4	68.3	0.0	0.0	0.0	0.0	0.0
730+00.00	TO	731+00.00	69.4	59.0	58.5	16.1	42.9	0.0	0.0	0.0	0.0	0.0
731+00.00	TO	732+00.00	72.6	61.7	58.5	17.0	44.7	0.0	0.0	0.0	0.0	0.0
732+00.00	TO	733+00.00	73.9	62.8	58.5	15.6	47.3	0.0	0.0	0.0	0.0	0.0
733+00.00	TO	734+00.00	79.8	67.8	58.5	11.9	56.0	0.0	0.0	0.0	0.0	0.0
734+00.00	TO	735+00.00	82.2	69.9	58.5	11.3	58.6	0.0	0.0	0.0	0.0	0.0
735+00.00	TO	736+00.00	75.4	64.1	58.5	13.3	50.7	0.0	0.0	0.0	0.0	0.0
736+00.00	TO	737+00.00	75.2	63.9	58.5	14.4	49.5	0.0	0.0	0.0	0.0	0.0
737+00.00	TO	738+00.00	82.8	70.4	58.5	15.0	55.4	0.0	0.0	0.0	0.0	0.0
738+00.00	TO	739+00.00	83.5	71.0	61.9	15.2	55.8	83.5	71.0	67.8	7.4	63.6
739+00.00	TO	740+00.00	76.9	65.3	61.9	15.2	50.1	138.3	117.6	123.7	9.4	108.1
740+00.00	TO	741+00.00	73.1	62.2	58.5	13.7	48.5	81.9	69.6	91.3	3.3	66.2
741+00.00	TO	742+00.00	76.3	64.9	58.5	11.5	53.4	27.0	23.0	35.4	1.3	21.7
742+00.00	TO	743+00.00	128.5	109.2	60.0	5.0	104.2	10.0	8.5	16.7	1.3	7.2
743+00.00	TO	744+00.00	115.9	98.5	66.5	25.6	73.0	14.8	12.6	31.9	2.2	10.4
744+00.00	TO	745+00.00	57.0	48.5	69.8	38.7	9.8	17.4	14.8	40.4	2.2	12.6
745+00.00	TO	746+00.00	65.2	55.4	67.6	23.9	31.5	13.1	11.2	56.7	9.1	2.1
746+00.00	TO	747+00.00	75.6	64.2	67.0	18.3	45.9	5.0	4.3	66.9	27.4	-23.2
747+00.00	TO	747+35.00	26.3	22.4	23.3	4.5	17.9	1.6	1.3	22.7	15.7	-14.4
747+35.00	TO	747+50.00	10.4	8.9	9.9	1.5	7.4	0.0	0.0	9.1	8.0	-8.0
747+50.00	TO	748+00.00	37.8	32.1	32.7	4.0	28.1	1.4	1.2	28.3	22.3	-21.1
748+00.00	TO	749+00.00	81.5	69.3	65.0	6.7	62.6	3.7	3.1	55.9	50.9	-47.8
749+00.00	TO	750+00.00	74.8	63.6	65.0	7.0	56.6	5.2	4.4	77.0	49.1	-44.7
750+00.00	TO	751+00.00	61.3	52.1	66.9	23.5	28.6	6.1	5.2	69.8	35.9	-30.7
751+00.00	TO	752+00.00	60.0	51.0	67.4	28.0	23.0	7.2	6.1	49.3	23.3	-17.2
752+00.00	TO	753+00.00	66.5	56.5	66.1	15.6	41.0	5.4	4.6	26.1	1.9	2.7
753+00.00	TO	754+00.00	67.2	57.1	62.4	16.1	41.0	0.0	0.0	0.0	0.0	0.0
754+00.00	TO	755+00.00	67.4	57.3	58.5	16.5	40.8	0.0	0.0	0.0	0.0	0.0
755+00.00	TO	756+00.00	71.3	60.6	58.5	12.2	48.4	0.0	0.0	0.0	0.0	0.0
756+00.00	TO	757+00.00	73.7	62.6	58.5	11.3	51.4	0.0	0.0	0.0	0.0	0.0

n:\p\01\3304\2_earth\design\chris\shen\3304\EV_schud21.dgn

ENGINEERING CONSULTANT

Giorba Group, Inc.
 CONSULTING ENGINEERS
 600 North Dearborn Street, Suite 402
 Chicago, Illinois 60654
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: chicago@giorba.com

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD			
EARTHWORK SCHEDULES			
SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	15
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

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			EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
(CU YD)			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
I-80 FROM US 30 TO NS RAILROAD												
757+00.00	TO	758+00.00	70.4	59.8	58.5	14.3	45.6	0.0	0.0	0.0	0.0	0.0
758+00.00	TO	759+00.00	68.9	58.6	58.5	17.0	41.5	0.0	0.0	0.0	0.0	0.0
759+00.00	TO	760+00.00	68.5	58.2	58.3	37.8	20.5	0.0	0.0	0.0	0.0	0.0
760+00.00	TO	761+00.00	70.0	59.5	58.3	35.9	23.6	0.0	0.0	0.0	0.0	0.0
761+00.00	TO	762+00.00	72.2	61.4	58.5	16.1	45.3	0.0	0.0	0.0	0.0	0.0
762+00.00	TO	763+00.00	68.0	57.8	58.5	18.1	39.6	0.0	0.0	0.0	0.0	0.0
763+00.00	TO	764+00.00	67.4	57.3	58.5	18.9	38.4	0.0	0.0	0.0	0.0	0.0
764+00.00	TO	765+00.00	71.3	60.6	58.5	16.9	43.8	0.0	0.0	0.0	0.0	0.0
765+00.00	TO	766+00.00	70.7	60.1	58.3	14.4	45.7	0.0	0.0	0.0	0.0	0.0
766+00.00	TO	767+00.00	75.7	64.4	58.3	10.7	53.6	0.0	0.0	8.7	3.5	-3.5
767+00.00	TO	767+20.00	15.4	13.1	12.3	2.2	10.9	0.0	0.0	3.6	1.4	-1.4
767+20.00	TO	768+00.00	60.6	51.5	49.2	9.3	42.2	0.0	0.0	12.4	5.0	-5.0
768+00.00	TO	769+00.00	78.5	66.7	58.3	10.2	56.6	0.0	0.0	12.0	3.9	-3.9
769+00.00	TO	770+00.00	75.6	64.2	61.5	10.9	53.3	0.0	0.0	10.0	2.0	-2.0
770+00.00	TO	771+00.00	64.3	54.6	65.2	17.8	36.8	0.0	0.0	4.4	0.7	-0.7
771+00.00	TO	772+00.00	71.3	60.6	64.3	13.5	47.1	0.0	0.0	0.0	0.0	0.0
772+00.00	TO	773+00.00	89.6	76.2	63.1	1.5	74.7	0.0	0.0	0.0	0.0	0.0
773+00.00	TO	774+00.00	91.1	77.4	63.1	0.2	77.3	0.0	0.0	0.0	0.0	0.0
774+00.00	TO	775+00.00	84.3	71.6	63.0	0.7	70.9	0.0	0.0	0.0	0.0	0.0
775+00.00	TO	776+00.00	85.7	72.9	60.7	0.9	72.0	0.0	0.0	0.0	0.0	0.0
776+00.00	TO	777+00.00	82.4	70.0	58.5	6.9	63.2	0.0	0.0	0.0	0.0	0.0
777+00.00	TO	778+00.00	77.0	65.5	58.5	10.4	55.1	0.0	0.0	0.0	0.0	0.0
778+00.00	TO	779+00.00	81.7	69.4	58.5	5.0	64.4	0.0	0.0	0.0	0.0	0.0
779+00.00	TO	780+00.00	76.9	65.3	58.5	6.1	59.2	0.0	0.0	0.0	0.0	0.0
780+00.00	TO	781+00.00	73.0	62.0	58.5	7.4	54.6	0.0	0.0	0.0	0.0	0.0
781+00.00	TO	782+00.00	78.1	66.4	58.5	2.8	63.6	0.0	0.0	0.0	0.0	0.0
782+00.00	TO	783+00.00	76.3	64.9	61.1	3.9	61.0	0.0	0.0	0.0	0.0	0.0
783+00.00	TO	784+00.00	65.4	55.6	64.3	13.5	42.0	0.2	0.2	11.9	3.0	-2.8
784+00.00	TO	785+00.00	64.4	54.8	64.8	14.4	40.3	0.2	0.2	21.1	4.4	-4.3
785+00.00	TO	786+00.00	68.9	58.6	64.6	9.8	48.7	5.6	4.7	62.4	7.2	-2.5
786+00.00	TO	787+00.00	68.0	57.8	64.4	13.7	44.1	8.0	6.8	78.1	10.7	-4.0
787+00.00	TO	788+00.00	67.8	57.6	64.6	15.0	42.6	4.1	3.5	55.6	8.9	-5.4
788+00.00	TO	789+00.00	72.4	61.5	64.6	12.8	48.8	8.1	6.9	50.6	4.8	2.1
789+00.00	TO	790+00.00	71.9	61.1	64.6	10.9	50.1	6.7	5.7	30.4	3.0	2.7
790+00.00	TO	791+00.00	64.1	54.5	64.3	11.1	43.4	0.9	0.8	25.4	3.7	-2.9
791+00.00	TO	792+00.00	73.5	62.5	63.1	6.5	56.0	0.9	0.8	34.3	5.4	-4.6
792+00.00	TO	793+00.00	80.4	68.3	63.3	4.8	63.5	0.4	0.3	36.3	7.4	-7.1
793+00.00	TO	794+00.00	78.5	66.7	63.5	5.2	61.6	8.9	7.6	62.4	7.0	0.5
794+00.00	TO	795+00.00	75.9	64.5	63.1	3.0	61.6	10.7	9.1	82.2	9.3	-0.1
795+00.00	TO	796+00.00	71.9	61.1	63.9	4.6	56.4	3.7	3.1	67.2	10.7	-7.6
796+00.00	TO	797+00.00	83.0	70.5	64.1	2.4	68.1	8.9	7.6	67.6	8.1	-0.6
797+00.00	TO	798+00.00	82.6	70.2	63.1	1.5	68.7	15.0	12.8	82.0	6.1	6.6
798+00.00	TO	799+00.00	86.7	73.7	62.0	1.1	72.6	27.4	23.3	88.9	3.9	19.4
799+00.00	TO	800+00.00	118.9	101.1	60.4	0.0	101.1	19.6	16.7	44.1	1.1	15.6
800+00.00	TO	801+00.00	120.7	102.6	54.8	0.0	102.6	0.0	0.0	0.0	0.0	0.0
801+00.00	TO	802+00.00	84.6	71.9	54.4	9.3	62.7	0.0	0.0	0.0	0.0	0.0
802+00.00	TO	803+00.00	69.1	58.7	58.3	19.6	39.1	0.0	0.0	0.0	0.0	0.0
803+00.00	TO	804+00.00	72.4	61.5	59.6	15.6	46.0	0.0	0.0	0.0	0.0	0.0
804+00.00	TO	805+00.00	72.8	61.9	59.8	11.7	50.2	0.0	0.0	0.0	0.0	0.0
805+00.00	TO	806+00.00	69.4	59.0	58.5	15.6	43.5	0.0	0.0	0.0	0.0	0.0
806+00.00	TO	807+00.00	71.3	60.6	58.3	15.4	45.2	0.0	0.0	0.0	0.0	0.0

c:\pco\338412\west\design\misc\sheet_33841-EM_schert02.dgn

ENGINEERING CONSULTANT
 **Clorba Group, Inc.**
 CONSULTING ENGINEERS
 600 North Campbell Avenue, Suite 402
 Chicago, Illinois 60658
 Tel: 773.774.4000 Fax: 773.779.4014
 Email: chicago@clorba.com

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**F.A.I. 80 FROM US 30 TO NS RAILROAD
EARTHWORK SCHEDULES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	16
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	

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

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 (-)		
I-80 FROM US 30 TO NS RAILROAD			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	
807+00.00	TO	808+00.00	70.0	59.5	58.3	17.2	42.3	0.0	0.0	0.0	0.0	0.0
808+00.00	TO	809+00.00	59.1	50.2	58.5	23.0	27.3	0.0	0.0	0.0	0.0	0.0
809+00.00	TO	810+00.00	64.8	55.1	58.5	15.4	39.7	0.0	0.0	0.0	0.0	0.0
810+00.00	TO	811+00.00	72.8	61.9	58.5	5.6	56.3	0.0	0.0	0.0	0.0	0.0
811+00.00	TO	812+00.00	93.3	79.3	58.5	2.2	77.1	0.0	0.0	0.0	0.0	0.0
812+00.00	TO	813+00.00	126.1	107.2	58.5	0.0	107.2	0.0	0.0	0.0	0.0	0.0
813+00.00	TO	814+00.00	129.1	109.7	59.4	0.0	109.7	0.0	0.0	0.0	0.0	0.0
814+00.00	TO	815+00.00	99.1	84.2	61.9	3.0	81.3	0.0	0.0	0.0	0.0	0.0
815+00.00	TO	816+00.00	68.0	57.8	64.8	17.2	40.5	36.9	31.3	36.7	0.7	30.6
816+00.00	TO	817+00.00	61.9	52.6	66.5	26.7	25.9	173.0	147.0	82.4	1.5	145.5
817+00.00	TO	818+00.00	60.4	51.3	66.5	25.0	26.3	399.4	339.5	100.6	1.3	338.2
818+00.00	TO	819+00.00	63.3	53.8	62.4	18.3	35.5	542.0	460.7	124.6	1.1	459.6
819+00.00	TO	820+00.00	69.3	58.9	58.5	9.8	49.1	278.7	236.9	69.8	0.6	236.3
820+00.00	TO	821+00.00	72.4	61.5	58.5	6.5	55.1	0.0	0.0	0.0	0.0	0.0
821+00.00	TO	822+00.00	69.3	58.9	58.5	10.7	48.1	0.0	0.0	0.0	0.0	0.0
822+00.00	TO	823+00.00	64.8	55.1	58.5	15.0	40.1	0.0	0.0	0.0	0.0	0.0
823+00.00	TO	824+00.00	59.3	50.4	58.5	47.8	2.6	0.0	0.0	0.0	0.0	0.0
824+00.00	TO	825+00.00	68.0	57.8	58.5	42.8	15.0	0.0	0.0	0.0	0.0	0.0
825+00.00	TO	826+00.00	90.6	77.0	58.5	1.7	75.3	0.0	0.0	0.0	0.0	0.0
826+00.00	TO	827+00.00	110.9	94.3	58.5	0.0	94.3	0.0	0.0	0.0	0.0	0.0
827+00.00	TO	828+00.00	133.9	113.8	58.5	0.0	113.8	0.0	0.0	0.0	0.0	0.0
828+00.00	TO	829+00.00	145.6	123.7	58.5	0.0	123.7	0.0	0.0	0.0	0.0	0.0
829+00.00	TO	830+00.00	110.0	93.5	58.5	6.1	87.4	0.0	0.0	0.0	0.0	0.0
830+00.00	TO	831+00.00	72.2	61.4	58.5	12.6	48.8	0.0	0.0	0.0	0.0	0.0
831+00.00	TO	832+00.00	71.5	60.8	58.5	14.6	46.1	0.0	0.0	0.0	0.0	0.0
832+00.00	TO	833+00.00	71.9	61.1	58.5	17.4	43.7	0.0	0.0	0.0	0.0	0.0
833+00.00	TO	834+00.00	71.7	60.9	58.5	21.3	39.6	0.0	0.0	0.0	0.0	0.0
834+00.00	TO	835+00.00	70.0	59.5	52.4	19.6	39.9	0.0	0.0	0.0	0.0	0.0
835+00.00	TO	836+00.00	68.3	58.1	52.4	15.7	42.3	0.0	0.0	0.0	0.0	0.0
836+00.00	TO	837+00.00	62.4	53.0	58.5	18.9	34.2	0.0	0.0	0.0	0.0	0.0
837+00.00	TO	838+00.00	63.0	53.5	58.5	18.7	34.8	0.0	0.0	0.0	0.0	0.0
838+00.00	TO	839+00.00	64.8	55.1	58.5	17.4	37.7	0.0	0.0	0.0	0.0	0.0
839+00.00	TO	840+00.00	68.3	58.1	58.5	16.5	41.6	0.0	0.0	0.0	0.0	0.0
840+00.00	TO	841+00.00	73.0	62.0	58.5	13.9	48.1	0.0	0.0	0.0	0.0	0.0
841+00.00	TO	842+00.00	67.6	57.5	58.5	18.3	39.1	0.0	0.0	0.0	0.0	0.0
842+00.00	TO	843+00.00	65.7	55.9	58.5	21.1	34.8	0.0	0.0	0.0	0.0	0.0
843+00.00	TO	844+00.00	66.9	56.8	58.5	20.7	36.1	0.0	0.0	0.0	0.0	0.0
844+00.00	TO	845+00.00	62.8	53.4	58.5	19.4	33.9	0.0	0.0	0.0	0.0	0.0
845+00.00	TO	846+00.00	60.6	51.5	58.5	20.6	30.9	0.0	0.0	0.0	0.0	0.0
846+00.00	TO	847+00.00	61.3	52.1	58.3	23.0	29.1	0.0	0.0	0.0	0.0	0.0
847+00.00	TO	848+00.00	65.0	55.3	58.3	18.7	36.5	0.0	0.0	0.0	0.0	0.0
848+00.00	TO	849+00.00	72.6	61.7	58.5	12.2	49.5	0.0	0.0	0.0	0.0	0.0
849+00.00	TO	850+00.00	76.1	64.7	58.5	6.3	58.4	0.0	0.0	0.0	0.0	0.0
850+00.00	TO	851+00.00	75.2	63.9	58.5	6.3	57.6	0.0	0.0	0.0	0.0	0.0
851+00.00	TO	852+00.00	73.3	62.3	58.5	8.9	53.4	0.0	0.0	0.0	0.0	0.0
852+00.00	TO	853+00.00	69.1	58.7	58.5	14.3	44.5	0.0	0.0	0.0	0.0	0.0
853+00.00	TO	854+00.00	68.0	57.8	58.5	16.1	41.7	0.0	0.0	0.0	0.0	0.0
854+00.00	TO	855+00.00	69.3	58.9	58.5	16.7	42.2	0.0	0.0	0.0	0.0	0.0
855+00.00	TO	856+00.00	71.9	61.1	58.3	14.8	46.3	0.0	0.0	0.0	0.0	0.0
856+00.00	TO	857+00.00	71.9	61.1	58.3	10.0	51.1	0.0	0.0	0.0	0.0	0.0
857+00.00	TO	858+00.00	70.4	59.8	58.3	13.1	46.7	0.0	0.0	0.0	0.0	0.0


c:\p\proj\1338417_west\design\misc\sheet\338417-EV_sch02.dgn

 Clorba Group, Inc. CONSULTING ENGINEERS <small>507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60610 Tel: 773.775.4008 Fax: 773.775.4014 Email: clogroup@clorba.com</small>	USER NAME = ccorneill PLOT SCALE = 1:2000' / IN. PLOT DATE = 10/27/2010	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 NS RAILROAD EARTHWORK SCHEDULES	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 17	CONTRACT NO. 60147	ILLINOIS FED. AID PROJECT
	ILLINOIS FED. AID PROJECT													

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 (-)		
I-80 FROM US 30 TO NS RAILROAD	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)		
858+00.00	TO	859+00.00	74.8	63.6	58.3	14.6	49.0	0.0	0.0	0.0	0.0	
859+00.00	TO	860+00.00	73.0	62.0	58.5	16.3	45.7	0.0	0.0	0.0	0.0	
860+00.00	TO	861+00.00	75.4	64.1	58.5	14.6	49.4	0.0	0.0	0.0	0.0	
861+00.00	TO	862+00.00	77.4	65.8	58.5	10.4	55.4	0.0	0.0	0.0	0.0	
862+00.00	TO	863+00.00	75.7	64.4	58.3	6.7	57.7	0.0	0.0	0.0	0.0	
863+00.00	TO	864+00.00	79.6	67.7	58.3	3.0	64.7	0.0	0.0	0.0	0.0	
864+00.00	TO	865+00.00	82.8	70.4	58.5	2.8	67.6	0.0	0.0	0.0	0.0	
865+00.00	TO	866+00.00	80.0	68.0	58.5	3.9	64.1	0.0	0.0	0.0	0.0	
866+00.00	TO	867+00.00	75.9	64.5	58.5	6.5	58.1	0.0	0.0	0.0	0.0	
867+00.00	TO	868+00.00	72.2	61.4	58.5	12.8	48.6	0.0	0.0	0.0	0.0	
868+00.00	TO	869+00.00	101.5	86.3	58.5	8.9	77.4	0.0	0.0	0.0	0.0	
869+00.00	TO	870+00.00	130.4	110.8	58.5	0.0	110.8	0.0	0.0	0.0	0.0	
870+00.00	TO	871+00.00	93.1	79.2	58.5	10.4	68.8	0.0	0.0	0.0	0.0	
871+00.00	TO	872+00.00	59.8	50.8	61.9	20.9	29.9	0.0	0.0	0.0	0.0	
872+00.00	TO	873+00.00	62.6	53.2	64.8	17.6	35.6	0.0	0.0	0.0	0.0	
873+00.00	TO	874+00.00	68.7	58.4	65.2	17.2	41.2	0.0	0.0	0.0	0.0	
874+00.00	TO	875+00.00	65.7	55.9	66.7	27.2	28.7	0.0	0.0	0.0	0.0	
875+00.00	TO	876+00.00	64.3	54.6	63.0	31.5	23.1	0.0	0.0	0.0	0.0	
876+00.00	TO	877+00.00	67.0	57.0	58.5	28.3	28.6	0.0	0.0	0.0	0.0	
877+00.00	TO	878+00.00	70.6	60.0	58.5	22.2	37.8	0.0	0.0	0.0	0.0	
878+00.00	TO	879+00.00	75.7	64.4	58.5	16.1	48.3	6.1	5.2	13.7	0.9	
879+00.00	TO	880+00.00	76.1	64.7	58.5	15.4	49.3	6.1	5.2	13.7	0.9	
880+00.00	TO	881+00.00	77.6	66.0	58.5	12.8	53.2	0.0	0.0	0.0	0.0	
881+00.00	TO	882+00.00	79.3	67.4	58.5	10.2	57.2	0.0	0.0	0.0	0.0	
882+00.00	TO	882+50.00	39.3	33.4	27.1	6.0	27.4	0.0	0.0	0.0	0.0	
TOTALS			12,795	10,876	10,009	2,154	8,721	2,585	2,197	2,711	499	1,698

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	12,795	10,876	10,009	2,154	8,721	0
2	2,585	2,197	2,711	499	1,698	0
TOTAL	15,380	13,073	12,721	2,653	10,419	0

n:\pro\133842\east\design\Misc\Sheets\33944-FW_sch266.dgn

 ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS <small>5007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4003 Fax: 773.776.4014 Email: clogr@clorba.com</small>	USER NAME = caarnwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD EARTHWORK SCHEDULES	F.A.I. RTE. = 80	SECTION = 99-5-Y	COUNTY = WILL	TOTAL SHEETS = 276	SHEET NO. = 18
	PLOT SCALE = 1:8000 / IN.	CHECKED - MRJ	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/27/2010	DATE = 10/27/2010	REVISED -								

TREE REMOVAL (6 TO 15 UNIT DIAMETER) (20100110)		
LOCATION	AMOUNT	UNIT
STATION		
734+15	6	10
735+50	6	10
740+53	1	8
743+83	3	6
744+10	4	6
744+67	1	6
744+95	1	6
746+91	1	6
751+50	2	6
818+15	1	14
818+31	1	10
818+68	1	12
818+84	1	12
831+82	1	10
874+71	8	5
875+21	8	5
TOTAL		338

STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)			
LOCATION		WIDTH	SQUARE YARD
STATION	STATION		
715+85	742+92	27	8120
742+92	743+53	24	163
743+53	800+44	27	17074
800+45	801+32	24	228
801+32	813+03	27	3513
813+03	813+66	24	166
813+66	828+06	27	4318
828+06	828+68	23	162
828+68	882+50	27	16146
TOTAL		230	49890

PAVEMENT REMOVAL (44000100)		
LOCATION		SQUARE YARD
STATION	STATION	
728+54	728+81	81
742+77	743+08	26
743+37	743+73	28
760+55	760+82	81
794+98	797+22	75
801+17	801+69	92
813+51	814+04	88
828+53	829+04	91
839+64	841+60	54
869+36	869+64	22
869+80	870+15	23
TOTAL		661

GUTTER REMOVAL (44000400)			
STATION	STATION		FEET
741+30	741+66		36
TOTAL			36

PAVED DITCH REMOVAL (44004000)		
STATION	L/R	FEET
743+25	93' LT	75
875+30	93' LT	45
TOTAL		120

AGGREGATE SHOULDERS, TYPE B 6" (48101500)			
LOCATION			SQUARE YARD
STATION	STATION	Length	
741+27	742+39	113	50
745+58	747+08	150	67
767+48	770+60	313	139
741+14		13	6
770+60		13	6
745+15		43	19
742+39		2	1
716+94		50	22
747+08		50	22
766+98		50	22
713+44		350	156
TOTAL			509

PORTLAND CEMENT CONCRETE SHOULDERS 12 1/4" (48300705)			
LOCATION			SQUARE YARD
STATION	STATION	Length	
715+85	882+50	16665	44440
TOTAL			44440

CONCRETE HEADWALL REMOVAL (50104400)				
Station	Location	Type	Volume (cu yd)	Each
741+34	LT	60" SKEWED	9.25	1
742+90	LT	60" SKEWED	6.1	1
801+72	RT	36"	1.3	2
868+60	CL	24"	1	1
TOTAL				5

REMOVING CATCH BASINS (60500050)	
LOCATION	EACH
STATION	
743+98	1
TOTAL	1

REMOVING INLETS (60500060)	
LOCATION	EACH
STATION	
770+67	1
823+89	1
TOTAL	2

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (6300001)					
FROM STATION	L/R	TO STATION	L/R	LENGTH (FOOT)	
WESTBOUND LANES					
741+26.99	L	742+39.49	L	112.5	
745+58.43	L	747+08.43	L	150.0	
EASTBOUND LANES					
767+47.86	R	770+60.36	R	312.5	
				TOTAL	575.0

STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL) (630000130)					
FROM STATION	L/R	TO STATION	L/R	LENGTH (FOOT)	
WESTBOUND LANES					
713+43.84	L	716+93.84	L	350.0	
EASTBOUND LANES					
				TOTAL	350.0

TRAFFIC BARRIER TERMINAL, TYPE 2 (63100045)		
FROM STATION	L/R	EACH
WESTBOUND LANES		
741+14.49	L	1
EASTBOUND LANES		
770+60.36	R	1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 6B (63100089)		
FROM STATION	L/R	EACH
WESTBOUND LANES		
745+15.28	L	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 10 (63100105)		
FROM STATION	L/R	EACH
WESTBOUND LANES		
742+39.49	L	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT (63100167)		
FROM STATION	L/R	EACH
WESTBOUND LANES		
716+93.84	L	1
747+08.43	L	1
EASTBOUND LANES		
766+97.86	R	1
TOTAL		3

GUARDRAIL REMOVAL (63200310)					
FROM STATION	L/R	TO STATION	L/R	LENGTH (FOOT)	
WESTBOUND LANES					
713+44	L	713+94	L	50	
745+15	L	745+98	L	83	
MEDIAN					
727+51		728+33		82	
729+06		729+88		81	
759+57		760+38		81	
761+06		761+86		81	
795+01		797+15		213	
839+66		841+55		189	
				TOTAL	860

CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (63700175)				
LOCATION			LENGTH (FOOT)	
WB / EB	STATION	STATION		
EB	742+32	744+13	181	
EB	799+55	802+21	266	
WB	799+55	802+21	266	
EB	812+08	814+62	254	
WB	812+08	814+62	254	
EB	827+15	829+59	244	
WB	827+15	829+59	244	
			TOTAL	1708

c:\p\01338A\2_west\design\m\secthans\338A4-secme801.dgn



USER NAME = jk,jellman	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 US 30 TO NS RAILROAD
SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	19
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	

CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL) (63700279)			
LOCATION			LENGTH (FOOT)
WB / EB	STATION	STATION	
WB	742+32	744+13	181
TOTAL			181

CONCRETE BARRIER TRANSITION (63700805)		
FROM STATION	TO STATION	LENGTH (FOOT)
736+95	737+48	53
737+52	738+05	53
741+91	742+32	41
744+13	744+50	38
777+60	778+13	53
778+16	778+70	54
794+74	795+29	55
795+41	795+96	55
799+02	799+55	53
802+21	802+74	53
811+53	812+08	55
814+62	815+16	55
826+63	827+15	52
829+59	830+11	52
839+29	839+82	53
839+94	840+47	53
869+25	869+65	40
869+80	870+20	40
TOTAL		907

SHOULDER RUMBLE STRIP (64200105)		
FROM STATION	TO STATION	LENGTH (FOOT)
WESTBOUND LANES		
724+25	882+50	16665
EASTBOUND LANES		
715+85	882+50	16665
715+85	790+00	7415
798+25	838+25	4000
845+70	882+50	3680
TOTAL		47585

PERMANENT SURVEY MARKERS (66700095)	
STATION	EACH
717+16.37	1
765+07.68	1
TOTAL	2

RELOCATE TEMPORARY CONCRETE BARRIER, SPECIAL (70400210)		
LOCATION		SQUARE YARD
STATION	STATION	
713+75	716+90	315
TOTAL		315

TEMPORARY CONCRETE BARRIER (STATE OWNED) (70400500)		
LOCATION		SQUARE YARD
STATION	STATION	
727+51	729+87	236
759+56	761+86	230
TOTAL		466

POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS (78008200)		
LOCATION		SQUARE FEET
STATION	STATION	
855+80		48
865+80		48
841+90		36
846+90		36
851+90		36
856+90		36
TOTAL		242

POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (78008210)		
LOCATION		FOOT
STATION	STATION	
West Bound		
715+86	783+24	6738
801+36	837+13	3577
861+35	882+50	2115
715+86	882+50	16664
East Bound		
715+86	790+89	7503
798+18	838+73	4055
872+26	882+50	1024
736+25	882+50	14625
845+71	857+20	287
TOTAL		56588


POLYUREA PAVEMENT MARKING TYPE I - LINE 5" (78008220)		
LOCATION		FOOT
STATION	STATION	
West Bound		
715+85	882+50	16665
729+25	882+50	15325
East Bound		
715+86	882+50	16664
724+42	882+50	15808
838+80	860+27	2147
TOTAL		16652

POLYUREA PAVEMENT MARKING TYPE I - LINE 8" (78008240)		
LOCATION		FOOT
STATION	STATION	
West Bound		
715+85	736+25	2040
783+24	792+81	957
792+53	801+25	872
792+53	801+25	872
792+81	801+36	855
836+98	841+35	437
836+99	861+35	2436
836+99	847+48	1049
837+13	841+35	422
East Bound		
790+89	793+98	309
793+88	798+18	430
793+88	798+18	430
793+98	798+18	420
838+73	845+71	698
838+80	845+88	708
838+80	872+26	3346
TOTAL		16281

POLYUREA PAVEMENT MARKING TYPE I - LINE 12" (78008250)		
LOCATION		FOOT
STATION	STATION	
792+81	801+36	347
793+98	798+18	240
837+13	841+25	216
838+73	845+70	261
SHOULDERS		
715+85	882+50	2066
TOTAL		3130

REMOVE CONCRETE FLARED END SECTIONS (X0322118)			
Station	Location	Size	Each
713+74	CL	12"	1
728+38	CL	15"	1
728+95	CL	15"	1
760+41	CL	15"	1
760+97	CL	15"	1
801+70	CL	18"	1
801+74	CL	18"	1
815+50	CL	24"	1
815+51	78.2' RT	24"	1
829+99	CL	24"	1
829+99	93.7' RT	24"	1
835+50	CL	24"	1
835+50	86.6' RT	24"	1
TOTAL			13

c:\pco\338A\2_west\design\m\aschmitt\338A-west\sheet02.dgn

 ENGINEERING CONSULTANT CONSULTING ENGINEERS <small>5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: cgroup@giorgba.com</small>	USER NAME = jkellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD SCHEDULES	F.A.I. RTE. = 80	SECTION = 99-5-Y	COUNTY = WILL	TOTAL SHEETS = 276	SHEET NO. = 20
	PLOT SCALE = 1.0000" / IN.	CHECKED - MRJ	REVISED -			SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	CONTRACT NO. 60147		ILLINOIS FED. AID PROJECT	
PLOT DATE = 12/6/2010	DATE = 10/27/2010	REVISED -	REVISED -							

GRADING AND SHAPING SHOULDERS (X2020110)			
LOCATION		LOCATION	UNIT
STATION	STATION		
717+90	741+14	WB	2324
715+85	741+18	EB	2533
744+06	766+50	EB	2244
748+02	770+05	WB	2203
770+72	865+84	EB	9512
773+81	856+95	WB	8314
859+36	869+67	WB	1031
869+84	877+91	EB	807
873+52	882+39	WB	887
TOTAL			/ 100 299

REMOVE EXISTING CULVERTS (X5015200)				
Station	Location	Type	Length (Feet)	EACH
728+67	Median	15" CONC	57	1
760+69	Median	15" CONC	57	1
770+59	Median	15" CONC	11	1
868+70	Median	24" CONC	34	1
TOTAL				4

AGGREGATE SUBGRADE 12" (Z0001050)		
STATION	STATION	SO YD
715+85	742+92	7619
742+92	743+53	151
743+53	800+45	16023
800+45	801+32	216
801+32	813+03	3295
813+03	813+66	159
813+66	828+06	4051
828+06	828+68	156
828+68	882+50	15148
TOTAL		46820

CONCRETE HEADWALL FOR PIPE UNDERDRAIN REMOVAL (Z0012710)		
STATION	LOCATION	EACH
716+00	LT	2
721+00	LT	1
726+00	LT	1
731+00	LT	1
736+00	LT	1
740+00	LT	1
745+00	RT	1
750+00	LT	1
755+00	LT	1
761+00	RT	1
764+00	LT	1
766+00	LT	1
767+00	LT	1
771+00	LT	2
774+00	LT	1
776+00	LT	1
781+00	RT	2
785+00	LT	1
786+00	LT	1
790+00	RT	1
791+00	LT	1
796+00	LT	2
806+00	LT	1
811+00	LT	1
817+94	LT	1
821+00	LT	1
823+00	RT	1
832+00	LT	1
834+97	LT	1
837+00	RT	1
840+00	LT	1
842+00	LT	1
845+00	LT	1
847+00	LT	1
849+97	LT	1
852+00	LT	1
855+00	RT	1
857+00	LT	1
860+00	LT	1
862+00	LT	1
865+00	LT	1
866+00	LT	1
870+46	LT	1
871+00	RT	1
876+00	LT	1
881+00	RT	1
CONTINGENCY		5
TOTAL		55

CULVERTS TO BE CLEANED (Z0014800)			
Station	Location	Type	Length (Feet)
735+00	Median	6' x 5' Box	261
743+98	Median	24" Diameter	89
770+50	Median	48" RCP	350
823+89	Median	8' x 6' Box	208
868+75	LT	36" RCP	146
TOTAL			1054

FILLING EXISTING CULVERTS (Z0023600)				
Station	Location	Type	Length (Feet)	EACH
801+70	EB	18" CONC	147	1
801+74	EB	18" CONC	147	1
815+50	EB	24" CONC	71	1
829+99	EB	24" CONC	88	1
835+50	EB	24" CONC	81	1
TOTAL				5

IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 (Z0030030)		
STATION	LOCATION	EACH
765+10		1
766+00		1
716+90		1
TOTAL		3

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 (Z0030250)		
STATION	LOCATION	EACH
719+06	WESTBOUND	1
740+66	WESTBOUND	1
756+66	WESTBOUND	1
765+80	EASTBOUND	1
815+80	EASTBOUND	1
873+94	WESTBOUND	1
TOTAL		6


SAND MODULE IMPACT ATTENUATOR TO BE REMOVED (Z0056220)		
STATION	LOCATION	EACH
743+00		1
801+30		1
813+60		1
828+60		1
869+60		1
TOTAL		5

N:\SPR01\338412_Misc\Design\Misc\Sheet\338412_sched03.dgn

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
100 - MH	MH TA 5 DIA T8G	713+90	1.5' LT	638.98	630.96		630.96	630.96
101 - CB	CB TA 4 DIA T8G	713+90	1.5' RT	638.89				631.01
102 - MH	MH TA 5 DIA T1F CL	714+90	1.5' LT	638.80	631.26	631.26	631.26	
103 - CB	CB TA 4 DIA T1F CL	714+90	1.5' RT	638.97				631.31
104 - MH	MH TA 5 DIA T1F CL	715+00	1.5' LT	638.79	631.29	631.29	631.29	
105 - CB	CB TA 4 DIA T1F CL	715+00	1.5' RT	638.96				631.34
106 - MH	MH TA 5 DIA T1F CL	715+10	1.5' LT	638.79	631.32	631.32	631.32	
107 - CB	CB TA 4 DIA T1F CL	715+10	1.5' RT	638.96				631.37
108 - MH	MH TA 5 DIA T8G	715+50	1.5' LT	638.78	631.44	631.44	631.44	
109 - CB	CB TA 4 DIA T8G	715+50	1.5' RT	639.06				631.49
110 - MH	MH TA 5 DIA T20 F&G	717+50	1.6' LT	639.06	632.04	632.04	632.04	
111 - CB	CB TA 4 DIA T20 F&G	717+50	1.5' RT	640.16				632.09
112 - MH	MH TA 5 DIA T20 F&G	718+50	1.7' LT	639.42	632.84	632.84	632.84	
113 - CB	CB TA 4 DIA T20 F&G	718+50	1.5' RT	640.93				632.89
114 - MH	MH TA 5 DIA T20 F&G	721+00	1.7' LT	640.73	633.59	633.59	633.59	
115 - CB	CB TA 4 DIA T20 F&G	721+00	1.5' RT	642.16				633.64
116 - MH	MH TA 5 DIA T20 F&G	723+50	1.6' LT	642.07	634.34	634.34	634.34	
117 - CB	CB TA 4 DIA T20 F&G	723+50	1.5' RT	643.23				634.39
118 - MH	MH TA 5 DIA T20 F&G	724+75	1.6' LT	642.74	634.72	634.72	634.72	
119 - MH	MH TA 5 DIA T20 F&G	726+00	1.6' LT	643.44	637.09	635.09	637.09	
120 - CB	CB TA 4 DIA T20 F&G	726+00	1.5' RT	644.39				637.14
121 - MH	MH TA 4 DIA T20 F&G	728+50	1.6' LT	644.78	637.84	637.84	637.84	
122 - CB	CB TA 4 DIA T20 F&G	728+50	1.5' RT	645.58				637.89
123 - MH	MH TA 4 DIA T20 F&G	729+75	1.6' LT	645.25	639.42	638.22	639.42	
124 - MH	MH TA 4 DIA T20 F&G	731+00	1.6' LT	645.70	640.04	639.79	640.04	
125 - CB	CB TA 4 DIA T20 F&G	731+00	1.5' RT	646.54				640.09
126 - MH	MH TA 4 DIA T20 F&G	733+50	1.7' LT	646.62	640.79	640.79	640.79	
127 - CB	CB TA 4 DIA T20 F&G	733+50	1.5' RT	647.70				640.84
128 - CB	CB TA 4 DIA T20 F&G	734+00	1.7' LT	646.44		640.94		
129 - MH	MH TA 4 DIA T20 F&G	735+50	1.7' LT	647.00	641.25		641.25	636.40
130 - CB	CB TA 4 DIA T20 F&G	735+50	1.5' RT	648.59				641.30
131 - MH	MH TA 4 DIA T20 F&G	736+50	1.7' LT	647.37	641.55	641.55	641.55	
132 - CB	CB TA 4 DIA T20 F&G	736+50	1.5' RT	649.02				641.60
133 - MH	MH TA 4 DIA T20 F&G	738+50	1.7' LT	648.11		642.15	642.15	642.15
134 - CB	CB TA 4 DIA T20 F&G	738+50	1.5' RT	649.98	642.20			642.15
135 - MH	MH TA 4 DIA T20 F&G	741+00	1.7' LT	649.23		642.90	642.90	642.90
136 - CB	CB TA 4 DIA T20 F&G	741+00	1.5' RT	651.08	642.95			642.90
137 - MH	MH TA 4 DIA T20 F&G	742+50	2.3' LT	649.91		643.65		643.65
138 - CB	CB TA 4 DIA T20 F&G	742+50	2.3' RT	651.82	643.71			643.65
139 - MH	MH TA 5 DIA T20 F&G	743+98	1.9' LT	650.59	645.15	645.15	645.15	
140 - CB	CB TA 4 DIA T20 F&G	743+98	2.7' RT	652.55	645.21			645.15
141 - MH	MH TA 4 DIA T20 F&G	746+00	1.7' LT	652.29		646.77	646.77	646.77
142 - CB	CB TA 4 DIA T20 F&G	746+00	1.5' RT	654.18	646.82			646.77
143 - MH	MH TA 4 DIA T20 F&G	748+50	1.7' LT	656.64		650.52	650.52	649.27
144 - CB	CB TA 4 DIA T20 F&G	748+50	1.5' RT	658.38	650.57			649.27
145 - MH	MH TA 4 DIA T20 F&G	750+00	1.7' LT	659.77		652.02	652.02	652.02
146 - CB	CB TA 4 DIA T20 F&G	750+00	1.5' RT	661.35	652.07			652.02
147 - MH	MH TA 5 DIA T20 F&G	751+50	1.7' LT	662.76	656.27	656.27	656.27	
148 - CB	CB TA 4 DIA T20 F&G	751+50	1.5' RT	664.23	656.32			656.27
149 - MH	MH TA 5 DIA T20 F&G	753+50	1.6' LT	666.13		659.05	659.05	657.46
150 - CB	CB TA 4 DIA T20 F&G	753+50	1.5' RT	667.37	659.10			657.46
151 - MH	MH TA 5 DIA T20 F&G	756+00	1.6' LT	669.48		661.55	661.55	661.55
152 - CB	CB TA 4 DIA T20 F&G	756+00	1.5' RT	670.63	661.60			661.55
153 - MH	MH TA 5 DIA T20 F&G	758+50	1.6' LT	671.76		664.05	664.05	664.05
154 - CB	CB TA 4 DIA T20 F&G	758+50	1.5' RT	672.91	664.10			664.05
155 - MH	MH TA 5 DIA T20 F&G	761+00	1.6' LT	672.88		665.55	665.55	665.30
156 - CB	CB TA 4 DIA T20 F&G	761+00	1.5' RT	674.08	665.60			665.30
157 - MH	MH TA 5 DIA T20 F&G	763+00	1.6' LT	673.62		666.80	666.80	666.55
158 - MH	MH TA 4 DIA T20 F&G	765+00	1.6' LT	674.34		667.40	667.40	667.40

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
159 - CB	CB TA 4 DIA T20 F&G	765+00	1.6' RT	674.41	667.45			667.97
160 - MH	MH TA 4 DIA T21 F&G	766+90	1.5' LT	674.71		667.97	667.97	667.97
161 - CB	CB TA 4 DIA T21 F&G	766+90	1.6' RT	674.12	668.02			667.97
162 - MH	MH TA 4 DIA T21 F&G	767+00	1.5' LT	674.67		667.99	667.99	667.99
163 - CB	CB TA 4 DIA T21 F&G	767+00	1.6' RT	674.07	668.04			667.99
164 - MH	MH TA 4 DIA T21 F&G	767+10	1.5' LT	674.71		668.02	668.02	668.02
165 - CB	CB TA 4 DIA T21 F&G	767+10	1.6' RT	674.10	668.07			668.02
166 - MH	MH TA 4 DIA T20 F&G	768+50	1.5' LT	674.87		668.44	668.44	668.44
167 - CB	CB TA 4 DIA T20 F&G	768+50	1.6' RT	674.26	668.49			668.44
168 - MH	MH TA 4 DIA T20 F&G	770+00	1.5' LT	675.11		668.89		668.89
169 - CB	CB TA 4 DIA T20 F&G	770+00	1.6' RT	674.57	668.94			668.89
170 - MH	MH TA 6 DIA T20 F&G	771+50	1.5' LT	675.34		666.44	666.44	666.19
170A - MH	MH TA 6 DIA T20 F&G	771+00	1.5' LT	675.52		666.34	666.34	666.19
170B - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	771+00	1.5' RT	675.52	666.29	666.29		666.19
171 - CB	CB TA 4 DIA T20 F&G	771+50	1.6' RT	674.84	666.49			666.19
172 - MH	MH TA 6 DIA T20 F&G	773+00	1.5' LT	675.54		666.74	666.74	666.74
173 - CB	CB TA 4 DIA T20 F&G	773+00	1.6' RT	675.01	666.79			666.74
174 - MH	MH TA 6 DIA T20 F&G	774+50	1.5' LT	676.07		667.04	667.04	667.04
175 - CB	CB TA 4 DIA T20 F&G	774+50	1.6' RT	675.56	667.09			667.04
176 - MH	MH TA 6 DIA T20 F&G	776+00	1.5' LT	676.19		667.34	667.34	667.34
177 - CB	CB TA 4 DIA T20 F&G	776+00	1.6' RT	675.75	667.39			667.34
178 - MH	MH TA 6 DIA T20 F&G	777+50	1.5' LT	676.46		667.64	667.64	667.64
179 - CB	CB TA 4 DIA T20 F&G	777+50	1.6' RT	676.06	667.69			667.64
180 - MH	MH TA 6 DIA T20 F&G	779+00	1.5' LT	676.74		667.94	667.94	667.94
181 - CB	CB TA 4 DIA T20 F&G	779+00	1.6' RT	676.32	667.99			667.94
182 - MH	MH TA 6 DIA T20 F&G	780+50	1.5' LT	677.02		668.24	668.24	668.24
183 - CB	CB TA 4 DIA T20 F&G	780+50	1.6' RT	676.60	668.29			668.24
184 - MH	MH TA 5 DIA T20 F&G	782+00	1.5' LT	677.23		668.54	668.54	668.54
185 - CB	CB TA 4 DIA T20 F&G	782+00	1.6' RT	676.84	668.59			668.54
186 - MH	MH TA 5 DIA T20 F&G	783+50	1.5' LT	677.52		669.04	669.04	669.04
187 - CB	CB TA 4 DIA T20 F&G	783+50	1.6' RT	677.36	669.09			669.04
188 - MH	MH TA 5 DIA T20 F&G	785+00	1.5' LT	677.67		669.34	669.34	669.34
189 - CB	CB TA 4 DIA T20 F&G	785+00	1.6' RT	677.45	669.39			669.34
190 - MH	MH TA 5 DIA T20 F&G	786+50	1.5' LT	678.19		669.64	669.64	669.64
191 - CB	CB TA 4 DIA T20 F&G	786+50	1.6' RT	677.97	669.69			669.64
192 - MH	MH TA 5 DIA T20 F&G	788+00	1.5' LT	678.36		669.94	669.94	669.94
193 - CB	CB TA 4 DIA T20 F&G	788+00	1.6' RT	678.14	669.99			669.94
194 - MH	MH TA 5 DIA T20 F&G	789+50	1.6' LT	678.49		670.24	670.24	670.24
195 - CB	CB TA 4 DIA T20 F&G	789+50	1.6' RT	678.37	670.29			670.24
196 - MH	MH TA 5 DIA T20 F&G	791+00	1.5' LT	679.02		670.54	670.54	670.54
197 - CB	CB TA 4 DIA T20 F&G	791+00	1.6' RT	678.90	670.59			670.54
198 - MH	MH TA 5 DIA T20 F&G	792+00	1.6' LT	678.94		670.74	670.74	670.74
199 - CB	CB TA 4 DIA T20 F&G	792+00	1.6' RT	678.90	670.79			670.74
200 - MH	MH TA 5 DIA T20 F&G	794+00	1.6' LT	679.26		671.14	671.14	671.14
201 - CB	CB TA 4 DIA T20 F&G	794+00	1.5' RT	679.31	671.19			671.14
202 - MH	MH TA 5 DIA T20 F&G	794+90	1.5' LT	679.58		671.32	671.32	671.32
202A - MH	MH TA 5 DIA T1F CL	795+35	7.0' LT	679.85		671.41	671.41	671.32
203 - CB	CB TA 4 DIA T20 F&G	794+90	1.5' RT	679.66	671.37			671.32
204 - MH	MH TA 5 DIA T20 F&G	796+00	1.6' LT	679.59		671.54	671.54	671.32
205 - CB	CB TA 4 DIA T20 F&G	796+00	1.5' RT	679.69	671.59			671.54
206 - MH	MH TA 5 DIA T20 F&G	798+50	1.5' LT	680.15		673.02	673.02	672.04
207 - CB	CB TA 4 DIA T20 F&G	798+50	1.5' RT	680.23	673.07			672.04
208 - MH	MH TA 5 DIA T20 F&G	800+25	3.0' LT	680.83		673.37	673.37	673.37
208A - MH	MH TA 5 DIA T1F CL	800+46	9.8' LT	681.22		673.41	673.41	673.37
208B - MH	MH TA 5 DIA T1F CL	801+51	9.8' LT	681.62		673.63	673.63	673.37
209 - CB	CB TA 4 DIA T20 F&G	800+25	2.5' RT	680.94	673.45			673.37
210 - MH	MH TA 5 DIA T20 F&G	801+75	2.7' LT	681.42		674.17	674.17	673.67
211 - CB	CB TA 4 DIA T20 F&G	801+75	2.3' RT	681.50	674.25			673.67
212 - MH	MH TA 5 DIA T20 F&G	803+50	1.5' LT	682.10		675.25	675.25	674.52


N:\PROJECTS\3384\2 - West\Design\0 - Storage\3384-cr-arr-cthd001.dgn

 ENGINEERING CONSULTANT Giorba Group, Inc. CONSULTING ENGINEERS <small>6507 North Cumberland Avenue, Suite 402 Chicago, IL 60631 Tel: 773.775.4600 Fax: 773.775.4314 Email: Chicago@Giorba.com</small>	USER NAME = dmorris	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD DRAINAGE SCHEDULES	F.A.I. RTE. = 80	SECTION = 99-5-Y	COUNTY = WILL	TOTAL SHEETS = 276	SHEET NO. = 22
	PLOT SCALE = 1:8000' / IN.	DRAWN - JMK	REVISED -			CONTRACT NO. 60147				
	PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -			ILLINOIS FED. AID PROJECT				
		DATE = 10/27/2010	REVISED -	SCALE: 1" = 50'		SHEET NO. OF SHEETS STA. TO STA.				

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
213 - CB	CB TA 4 DIA T20 F&G	803+50	1.5' RT	682.14	675.30			
214 - MH	MH TA 5 DIA T20 F&G	806+00	1.5' LT	683.50		676.50	676.50	676.50
215 - CB	CB TA 4 DIA T20 F&G	806+00	1.5' RT	683.53	676.55			
216 - MH	MH TA 5 DIA T20 F&G	808+50	1.5' LT	685.90		678.71	678.71	677.75
217 - CB	CB TA 4 DIA T20 F&G	808+50	1.5' RT	685.89	678.76			
218 - MH	MH TA 5 DIA T20 F&G	811+00	1.5' LT	688.40		681.96	681.96	679.96
219 - CB	CB TA 4 DIA T20 F&G	811+00	1.5' RT	688.46	682.01			
220 - MH	MH TA 5 DIA T20 F&G	812+75	3.1' LT	690.17		682.83	682.83	682.83
220A - MH	MH TA 5 DIA T1F CL	812+91	8.2' LT	690.52			682.88	682.88
220B - MH	MH TA 5 DIA T1F CL	813+86	8.2' LT	691.37			683.17	683.17
221 - CB	CB TA 4 DIA T20 F&G	812+75	2.5' RT	690.18	682.91			
222 - MH	MH TA 5 DIA T20 F&G	814+00	3.0' LT	691.31		683.21		683.21
223 - CB	CB TA 4 DIA T20 F&G	814+00	2.5' RT	691.26	683.29			
224 - MH	MH TA 5 DIA T20 F&G	816+00	1.5' LT	692.59		686.54	686.54	
225 - CB	CB TA 4 DIA T20 F&G	816+00	1.5' RT	692.54	686.59			
226 - MH	MH TA 5 DIA T20 F&G	818+50	1.5' LT	693.56		685.79	685.79	685.79
227 - CB	CB TA 4 DIA T20 F&G	818+50	1.5' RT	693.50	685.84			
228 - MH	MH TA 5 DIA T20 F&G	821+00	1.5' LT	694.03		685.04	686.81	685.04
229 - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	821+00	1.5' RT	694.00	684.99	682.48		
230 - MH	MH TA 5 DIA T20 F&G	823+50	1.5' LT	693.80		687.56		687.56
231 - CB	CB TA 4 DIA T20 F&G	823+50	1.5' RT	693.82	687.61			
232 - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	824+20	1.5' LT	693.90			685.17	680.58
233 - MH	MH TA 5 DIA T21 F&G	824+90	1.5' LT	693.64		685.31	685.31	685.31
234 - CB	CB TA 4 DIA T21 F&G	824+90	1.5' RT	693.63	685.36			
235 - MH	MH TA 5 DIA T21 F&G	825+00	1.5' LT	693.60		685.34	685.34	685.34
236 - CB	CB TA 4 DIA T21 F&G	825+00	1.5' RT	693.59	685.39			
237 - MH	MH TA 5 DIA T21 F&G	825+10	1.5' LT	693.64		685.37	685.37	685.37
238 - CB	CB TA 4 DIA T21 F&G	825+10	1.5' RT	693.63	685.42			
239 - MH	MH TA 5 DIA T20 F&G	826+60	1.9' LT	694.20		685.82	685.82	685.82
240 - CB	CB TA 4 DIA T20 F&G	826+60	1.8' RT	694.19	685.87			
241 - MH	MH TA 5 DIA T20 F&G	828+00	3.3' LT	695.05		686.24	686.24	686.24
241A - MH	MH TA 5 DIA T1F CL	828+10	9.8' LT	695.40			686.27	686.27
241B - MH	MH TA 5 DIA T1F CL	828+66	9.8' LT	695.87			686.45	686.45
242 - CB	CB TA 4 DIA T20 F&G	828+00	2.8' RT	694.95	686.32			
243 - MH	MH TA 5 DIA T20 F&G	828+75	3.2' LT	695.69		686.47	686.47	686.47
244 - CB	CB TA 4 DIA T20 F&G	828+75	2.8' RT	695.61	686.55			
245 - MH	MH TA 5 DIA T20 F&G	830+50	1.7' LT	697.65		690.00	690.00	687.00
246 - CB	CB TA 4 DIA T20 F&G	830+50	1.7' RT	697.66	690.05			
247 - MH	MH TA 5 DIA T20 F&G	833+00	1.5' LT	700.85		693.75	693.75	690.75
248 - CB	CB TA 4 DIA T20 F&G	833+00	1.5' RT	700.90	693.80			
249 - MH	MH TA 5 DIA T20 F&G	835+50	1.5' LT	704.06		697.00	697.00	694.50
250 - CB	CB TA 4 DIA T20 F&G	835+50	1.5' RT	704.03	697.05			
251 - MH	MH TA 5 DIA T20 F&G	838+00	1.5' LT	707.27		700.25	700.25	697.75
251A - MH	MH TA 5 DIA T1F CL	839+88	7.0' LT	709.89			700.81	700.81
252 - CB	CB TA 4 DIA T20 F&G	838+00	1.5' RT	707.25	700.30			
253 - MH	MH TA 5 DIA T20 F&G	840+50	1.5' LT	710.47		703.50	703.50	701.00
254 - CB	CB TA 4 DIA T20 F&G	840+50	1.5' RT	710.43	703.55			
255 - MH	MH TA 5 DIA T20 F&G	843+00	1.5' LT	713.66		706.75	706.75	704.25
256 - CB	CB TA 4 DIA T20 F&G	843+00	1.5' RT	713.63	706.80			
257 - MH	MH TA 5 DIA T20 F&G	845+50	1.5' LT	716.49		709.50	709.50	707.50
258 - CB	CB TA 4 DIA T20 F&G	845+50	1.5' RT	716.43	709.55			
259 - MH	MH TA 5 DIA T20 F&G	848+00	1.5' LT	718.45		712.25	712.25	710.25
260 - CB	CB TA 4 DIA T20 F&G	848+00	1.5' RT	718.37	712.30			
261 - MH	MH TA 4 DIA T20 F&G	850+50	1.5' LT	719.40		713.25	713.25	713.00
262 - CB	CB TA 4 DIA T20 F&G	850+50	1.5' RT	719.39	713.30			
263 - MH	MH TA 4 DIA T20 F&G	852+00	1.5' LT	719.57		713.70		713.70
264 - CB	CB TA 4 DIA T20 F&G	852+00	1.5' RT	719.60	713.75			
265 - MH	MH TA 5 DIA T20 F&G	855+50	1.5' LT	719.07		712.49	712.49	
266 - CB	CB TA 4 DIA T20 F&G	855+50	1.5' RT	719.04	712.54			

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
267 - MH	MH TA 5 DIA T20 F&G	858+00	1.5' LT	717.92			711.74	711.74
268 - CB	CB TA 4 DIA T20 F&G	858+00	1.5' RT	717.91	711.79			
269 - MH	MH TA 5 DIA T20 F&G	860+50	1.5' LT	715.68		708.99	706.99	708.99
270 - CB	CB TA 4 DIA T20 F&G	860+50	1.5' RT	715.66	709.04			
271 - MH	MH TA 5 DIA T20 F&G	863+00	1.5' LT	712.91		706.24	703.74	706.24
272 - CB	CB TA 4 DIA T20 F&G	863+00	1.5' RT	712.88	706.29			
273 - MH	MH TA 5 DIA T20 F&G	865+50	1.5' LT	710.15		703.11	702.61	703.11
274 - CB	CB TA 4 DIA T20 F&G	865+50	1.5' RT	710.13	703.16			
275 - MH	MH TA 5 DIA T20 F&G	868+00	1.5' LT	707.37		701.99	701.99	701.99
275A - MH	MH TA 6 DIA T20 F&G	868+75	1.5' LT	706.52	701.80	701.80		701.80
275B - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	868+75	1.5' LT	706.53			701.86	701.86
276 - CB	CB TA 4 DIA T20 F&G	868+00	1.5' RT	707.34	702.04			
277 - MH	MH TA 4 DIA T20 F&G	870+50	1.5' LT	704.57		695.10	695.10	
278 - CB	CB TA 4 DIA T20 F&G	870+50	1.5' RT	704.54	695.15			
279 - MH	MH TA 5 DIA T20 F&G	873+00	1.5' LT	701.77		694.47	691.47	694.47
280 - CB	CB TA 4 DIA T20 F&G	873+00	1.5' RT	701.78	694.52			
281 - MH	MH TA 5 DIA T20 F&G	875+50	1.5' LT	699.04		690.85	688.80	690.85
282 - CB	CB TA 4 DIA T20 F&G	875+50	1.5' RT	698.98	690.90			
283 - MH	MH TA 5 DIA T20 F&G	878+00	1.5' LT	696.19		688.18	686.72	688.18
284 - CB	CB TA 4 DIA T20 F&G	878+00	1.5' RT	696.21	688.23			
285 - MH	MH TA 6 DIA T20 F&G	879+00	1.5' LT	695.15		684.94	686.94	686.47
286 - MH	MH TA 6 DIA T20 F&G, RESTRICTOR PLATE	879+00	1.5' RT	695.05	684.89	684.89		
287 - MH	MH TA 4 DIA T20 F&G	880+50	1.5' LT	693.43	687.39			687.39
288 - CB	CB TA 4 DIA T20 F&G	880+50	1.5' RT	693.40	687.44			
100 - HW	CIP RC END SEC 30	713+90	91.4' LT				630.70	
101 - HW	CIP RC END SEC 18	735+50	106.3' LT				635.70	
102 - FES	PRC FLAR END SEC 30	751+50	98.3' LT			655.74		
103 - FES	PRC FLAR END SEC 24	879+00	98.5' RT		683.38			
120 - FES	PRC FLAR END SEC 42	771+00	98.7' RT		666.00			

N:\PROJECTS\3381A\2 - West\Design\Drawings\3381A-Drain.sch.dwg

	USER NAME = dmorris	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD DRAINAGE SCHEDULES			F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 23
	PLOT SCALE = 1:8000 / 1" = 80'	DRAWN - JMK	REVISED -					PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60147

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INV.	D/S INV.	SLOPE	TBF (CY)
99			SS CL A T1 12	43	12			1.50%	0
100	100 - MH	100 - HW	STORM SEWERS JKD 30	85	30	630.96	630.70	0.31%	0
101	101 - CB	100 - MH	SS CL A T2 12	5	12	631.01	630.96	1.00%	2
102	102 - MH	100 - MH	SS CL A T2 30	100	30	631.26	630.96	0.30%	28
103	103 - CB	102 - MH	SS CL A T2 12	5	12	631.31	631.26	1.00%	1
104	104 - MH	102 - MH	SS CL A T2 30	10	30	631.29	631.26	0.30%	2
105	105 - CB	104 - MH	SS CL A T2 12	5	12	631.34	631.29	1.00%	1
106	106 - MH	104 - MH	SS CL A T2 30	10	30	631.32	631.29	0.30%	2
107	107 - CB	106 - MH	SS CL A T2 12	5	12	631.37	631.32	1.00%	1
108	108 - MH	106 - MH	SS CL A T2 30	40	30	631.44	631.32	0.30%	8
109	109 - CB	108 - MH	SS CL A T2 12	5	12	631.49	631.44	1.00%	1
110	110 - MH	108 - MH	SS CL A T2 30	200	30	632.04	631.44	0.30%	133
111	111 - CB	110 - MH	SS CL A T2 12	5	12	632.09	632.04	1.00%	4
112	112 - MH	110 - MH	SS CL A T2 30	100	30	632.34	632.04	0.30%	64
113	113 - CB	112 - MH	SS CL A T2 12	5	12	632.89	632.84	1.00%	3
114	114 - MH	112 - MH	SS CL A T2 24	250	24	633.59	632.84	0.30%	107
115	115 - CB	114 - MH	SS CL A T2 12	5	12	633.64	633.59	1.00%	4
116	116 - MH	114 - MH	SS CL A T2 24	250	24	634.34	633.59	0.30%	185
117	117 - CB	116 - MH	SS CL A T2 12	5	12	634.39	634.34	1.00%	4
118	118 - MH	116 - MH	SS CL A T2 24	125	24	634.72	634.34	0.30%	104
119	119 - MH	118 - MH	SS CL A T2 24	125	24	635.09	634.72	0.30%	112
120	120 - CB	119 - MH	SS CL A T2 12	5	12	637.14	637.09	1.00%	2
121	121 - MH	119 - MH	SS CL A T2 18	250	18	637.84	637.09	0.30%	99
122	122 - CB	121 - MH	SS CL A T2 12	5	12	637.89	637.84	1.00%	3
123	123 - MH	121 - MH	SS CL A T2 18	125	18	638.22	637.84	0.30%	55
124	124 - MH	123 - MH	SS CL A T2 15	125	15	639.79	639.42	0.30%	37
125	125 - CB	124 - MH	SS CL A T2 12	5	12	640.09	640.04	1.00%	2
126	126 - MH	124 - MH	SS CL A T2 12	250	12	640.79	640.04	0.30%	69
127	127 - CB	126 - MH	SS CL A T2 12	5	12	640.84	640.79	1.00%	2
128	128 - CB	126 - MH	SS CL A T2 12	50	12	640.94	640.79	0.30%	13
128A			STORM SEWERS JKD 48	268	48	632.83	631.48	0.50%	0
129	129 - MH	101 - HW	STORM SEWERS JKD 18	101	18	636.40	635.70	0.69%	0
130	130 - CB	129 - MH	SS CL A T2 12	5	12	641.30	641.25	1.00%	2
131	131 - MH	129 - MH	SS CL A T2 18	100	18	641.55	641.25	0.30%	29
132	132 - CB	131 - MH	SS CL A T2 12	5	12	641.60	641.55	1.00%	2
133	133 - MH	131 - MH	SS CL A T2 18	200	18	642.15	641.55	0.30%	60
134	134 - CB	133 - MH	SS CL A T2 12	5	12	642.20	642.15	1.00%	2
135	135 - MH	133 - MH	SS CL A T2 18	250	18	642.90	642.15	0.30%	83
136	136 - CB	135 - MH	SS CL A T2 12	5	12	642.95	642.90	1.00%	3
137	137 - MH	135 - MH	SS CL A T2 12	150	12	643.65	642.90	0.50%	50
137A			2-STORM SEWERS JKD 60	160	60	644.30	642.70	1.00%	0
138	138 - CB	137 - MH	SS CL A T2 12	6	12	643.71	643.65	1.00%	4
139	141 - MH	139 - MH	SS CL A T2 18	202	18	646.77	645.15	0.80%	50
140	140 - CB	139 - MH	SS CL A T2 12	6	12	645.21	645.15	1.00%	2
141	143 - MH	141 - MH	SS CL A T2 15	250	15	649.27	646.77	1.00%	91
142	142 - CB	141 - MH	SS CL A T2 12	5	12	646.82	646.77	1.00%	2
143	145 - MH	143 - MH	SS CL A T2 12	150	12	652.02	650.52	1.00%	60
144	144 - CB	143 - MH	SS CL A T2 12	5	12	650.57	650.52	1.00%	2
145	147 - MH	102 - FES	STORM SEWERS JKD 30	92	30	656.27	655.74	0.58%	0
146	146 - CB	145 - MH	SS CL A T2 12	5	12	652.07	652.02	1.00%	4
147	149 - MH	147 - MH	SS CL A T2 30	200	30	657.46	656.27	0.60%	152
148	148 - CB	147 - MH	SS CL A T2 12	5	12	656.32	656.27	1.00%	3
149	151 - MH	149 - MH	SS CL A T2 24	250	24	661.55	659.05	1.00%	189
150	150 - CB	149 - MH	SS CL A T2 12	5	12	659.10	659.05	1.00%	4
151	153 - MH	151 - MH	SS CL A T2 24	250	24	664.05	661.55	1.00%	205
152	152 - CB	151 - MH	SS CL A T2 12	5	12	661.60	661.55	1.00%	4
153	155 - MH	153 - MH	SS CL A T2 24	250	24	665.30	664.05	0.50%	196
154	154 - CB	153 - MH	SS CL A T2 12	5	12	664.10	664.05	1.00%	4
155	157 - MH	155 - MH	SS CL A T2 21	200	21	666.55	665.55	0.50%	139

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
156	156 - CB	155 - MH	SS CL A T2 12	5	12	665.60	665.55	1.00%	4
157	158 - MH	157 - MH	SS CL A T2 18	200	18	667.40	666.80	0.30%	85
158	160 - MH	158 - MH	SS CL A T2 18	190	18	667.97	667.40	0.30%	80
159	159 - CB	158 - MH	SS CL A T2 12	5	12	667.45	667.40	1.00%	2
160	162 - MH	160 - MH	SS CL A T2 18	10	18	667.99	667.97	0.20%	4
161	161 - CB	160 - MH	SS CL A T2 12	5	12	668.02	667.97	1.00%	2
162	164 - MH	162 - MH	SS CL A T2 15	10	15	668.02	667.99	0.30%	4
163	163 - CB	162 - MH	SS CL A T2 12	5	12	668.04	667.99	1.00%	2
164	166 - MH	164 - MH	SS CL A T2 15	140	15	668.44	668.02	0.30%	53
165	165 - CB	164 - MH	SS CL A T2 12	5	12	668.07	668.02	1.00%	2
166	168 - MH	166 - MH	SS CL A T2 15	150	15	668.89	668.44	0.30%	52
167	167 - CB	166 - MH	SS CL A T2 12	5	12	668.49	668.44	1.00%	2
168	170 - MH	170A - MH	SS CL A T2 48	50	48	666.19	666.19	0.00%	54
168A	170B - MH	120 - FES	STORM SEWERS JKD 42	96	42	666.29	666.00	0.30%	0
169	169 - CB	168 - MH	SS CL A T2 12	5	12	668.94	668.89	1.00%	1
170	172 - MH	170 - MH	SS CL A T2 48	150	48	666.74	666.44	0.20%	145
170A	170A - MH	170B - MH	SS CL A T2 48	5	48	666.34	666.29	1.00%	1
171	171 - CB	170 - MH	SS CL A T2 12	5	12	666.49	666.44	1.00%	5
172	174 - MH	172 - MH	SS CL A T2 48	150	48	667.04	666.74	0.20%	148
173	173 - CB	172 - MH	SS CL A T2 12	5	12	666.79	666.74	1.00%	4
174	176 - MH	174 - MH	SS CL A T2 48	150	48	667.34	667.04	0.20%	149
175	175 - CB	174 - MH	SS CL A T2 12	5	12	667.09	667.04	1.00%	5
176	178 - MH	176 - MH	SS CL A T2 48	150	48	667.64	667.34	0.20%	144
177	177 - CB	176 - MH	SS CL A T2 12	5	12	667.39	667.34	1.00%	4
178	180 - MH	178 - MH	SS CL A T2 48	150	48	667.94	667.64	0.20%	143
179	179 - CB	178 - MH	SS CL A T2 12	5	12	667.69	667.64	1.00%	4
180	182 - MH	180 - MH	SS CL A T2 48	150	48	668.24	667.94	0.20%	142
181	181 - CB	180 - MH	SS CL A T2 12	5	12	667.99	667.94	1.00%	4
182	184 - MH	182 - MH	SS CL A T2 36	150	36	668.54	668.24	0.20%	151
183	183 - CB	182 - MH	SS CL A T2 12	5	12	668.29	668.24	1.00%	4
184	186 - MH	184 - MH	SS CL A T2 36	150	36	669.04	668.54	0.33%	146
185	185 - CB	184 - MH	SS CL A T2 12	5	12	668.59	668.54	1.00%	4
186	188 - MH	186 - MH	SS CL A T2 36	150	36	669.34	669.04	0.20%	139
187	187 - CB	186 - MH	SS CL A T2 12	5	12	669.09	669.04	1.00%	4
188	190 - MH	188 - MH	SS CL A T2 36	150	36	669.64	669.34	0.20%	141
189	189 - CB	188 - MH	SS CL A T2 12	5	12	669.39	669.34	1.00%	4
190	192 - MH	190 - MH	SS CL A T2 36	150	36	669.94	669.64	0.20%	142
191	191 - CB	190 - MH	SS CL A T2 12	5	12	669.69	669.64	1.00%	4
192	194 - MH	192 - MH	SS CL A T2 36	150	36	670.24	669.94	0.20%	137
193	193 - CB	192 - MH	SS CL A T2 12	5	12	669.99	669.94	1.00%	4
194	196 - MH	194 - MH	SS CL A T2 36	150	36	670.54	670.24	0.20%	138
195	195 - CB	194 - MH	SS CL A T2 12	5	12	670.29	670.24	1.00%	4
196	198 - MH	196 - MH	SS CL A T2 36	100	36	670.74	670.54	0.20%	91
197	197 - CB	196 - MH	SS CL A T2 12	5	12	670.59	670.54	1.00%	4
198	200 - MH	198 - MH	SS CL A T2 36	200	36	671.14	670.74	0.20%	174
199	199 - CB	198 - MH	SS CL A T2 12	5	12	670.79	670.74	1.00%	4
200	202 - MH	200 - MH	SS CL A T2 30	90	30	671.32	671.14	0.20%	81
201	201 - CB	200 - MH	SS CL A T2 12	5	12	671.19	671.14	1.00%	4
202	202A - MH	202 - MH	SS CL A T2 30	45	30	671.41	671.32	0.20%	42
202A	204 - MH	202A - MH	SS CL A T2 30	65	30	671.54	671.41	0.20%	59
203	203 - CB	202 - MH	SS CL A T2 12	5	12	671.37	671.32	1.00%	4
204	206 - MH	204 - MH	SS CL A T2 30	250	30	672.04	671.54	0.20%	218
205	205 - CB	204 - MH	SS CL A T2 12	5	12	671.59	671.54	1.00%	4
206	208 - MH	206 - MH	SS CL A T2 30	175	30	673.37	673.02	0.20%	121
207	207 - CB	206 - MH	SS CL A T2 12	5	12	673.07	673.02	1.00%	3
208	208B - MH	208A - MH	SS CL A T2 30	105	30	673.63	673.41	0.21%	87
208A	208A - MH	208 - MH	SS CL A T2 30	22	30	673.41	673.37	0.18%	17
208B	210 - MH	208B - MH	SS CL A T2 30	25	30	673.67	673.63	0.16%	21
209	209 - CB	208 - MH	SS CL A T2 12	8	12	673.45	673.37	1.00%	6

H:\PROJECTS\329A\2_West\Design\Drawings\329A-drain_schem03.dgn

ENGINEERING CONSULTANT

Ciorba Group, Inc.
 CONSULTING ENGINEERS
6527 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60649
 Tel: 773.778.4208 Fax: 773.778.4014
 Email: ciorba@ciorba.com

USER NAME = dmorris	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

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
210	212 - MH	210 - MH	SS CL A T2 30	175	30	674.52	674.17	0.20%	126
211	211 - CB	210 - MH	SS CL A T2 12	8	12	674.25	674.17	1.00%	5
212	214 - MH	212 - MH	SS CL A T2 24	250	24	676.50	675.25	0.50%	110
213	213 - CB	212 - MH	SS CL A T2 12	5	12	675.30	675.25	1.00%	2
214	216 - MH	214 - MH	SS CL A T2 24	250	24	677.75	676.50	0.50%	192
215	215 - CB	214 - MH	SS CL A T2 12	5	12	676.55	676.50	1.00%	2
216	218 - MH	216 - MH	SS CL A T2 24	250	24	679.96	678.71	0.50%	204
217	217 - CB	216 - MH	SS CL A T2 12	5	12	678.76	678.71	1.00%	3
218	220 - MH	218 - MH	SS CL A T2 24	175	24	682.83	681.96	0.50%	76
219	219 - CB	218 - MH	SS CL A T2 12	5	12	682.01	681.96	1.00%	2
220	220B - MH	220A - MH	SS CL A T2 24	95	24	683.17	682.88	0.31%	80
220A	220A - MH	220 - MH	SS CL A T2 24	16	24	682.88	682.83	0.31%	12
220B	222 - MH	220B - MH	SS CL A T2 24	15	24	683.21	683.17	0.27%	13
221	221 - CB	220 - MH	SS CL A T2 12	8	12	682.91	682.83	1.00%	6
222	229 - MH	102A - FES	STORM SEWERS JKD 18	105	18	682.48	682.16	0.30%	0
223	223 - CB	222 - MH	SS CL A T2 12	8	12	683.29	683.21	1.00%	6
224	224 - MH	226 - MH	SS CL A T2 18	250	18	686.54	685.79	0.30%	107
225	225 - CB	224 - MH	SS CL A T2 12	5	12	686.59	686.54	1.00%	2
226	226 - MH	228 - MH	SS CL A T2 36	250	36	685.79	685.04	0.30%	230
227	227 - CB	226 - MH	SS CL A T2 12	5	12	685.84	685.79	1.00%	4
228	230 - MH	228 - MH	SS CL A T2 30	250	30	687.56	686.81	0.30%	98
229	228 - MH	229 - MH	SS CL A T2 36	5	36	685.04	684.99	1.00%	5
230	232 - MH	Existing 8' X 6' Box Culvert	SS CL A T2 42	27	42	680.58	680.53	0.19%	60
231	231 - CB	230 - MH	SS CL A T2 12	5	12	687.61	687.56	1.00%	2
232	233 - MH	232 - MH	SS CL A T2 42	70	42	685.31	685.17	0.20%	65
233	235 - MH	233 - MH	SS CL A T2 42	10	42	685.34	685.31	0.30%	9
234	234 - CB	233 - MH	SS CL A T2 12	5	12	685.36	685.31	1.00%	4
235	237 - MH	235 - MH	SS CL A T2 42	10	42	685.37	685.34	0.30%	9
236	236 - CB	235 - MH	SS CL A T2 12	5	12	685.39	685.34	1.00%	4
237	239 - MH	237 - MH	SS CL A T2 42	150	42	685.82	685.37	0.30%	131
238	238 - CB	237 - MH	SS CL A T2 12	5	12	685.42	685.37	1.00%	4
239	241 - MH	239 - MH	SS CL A T2 42	140	42	686.24	685.82	0.30%	132
240	240 - CB	239 - MH	SS CL A T2 12	5	12	685.87	685.82	1.00%	4
241	241B - MH	241A - MH	SS CL A T2 42	56	42	686.45	686.27	0.32%	63
241A	241A - MH	241 - MH	SS CL A T2 42	11	42	686.27	686.24	0.27%	11
241B	243 - MH	241B - MH	SS CL A T2 42	11	42	686.47	686.45	0.18%	13
242	242 - CB	241 - MH	SS CL A T2 12	8	12	686.32	686.24	1.00%	7
243	245 - MH	243 - MH	SS CL A T2 42	175	42	687.00	686.47	0.30%	228
244	244 - CB	243 - MH	SS CL A T2 12	8	12	686.55	686.47	1.00%	8
245	247 - MH	245 - MH	SS CL A T2 36	250	36	690.75	690.00	0.30%	261
246	246 - CB	245 - MH	SS CL A T2 12	5	12	690.05	690.00	1.00%	4
247	249 - MH	247 - MH	SS CL A T2 30	250	30	694.50	693.75	0.30%	232
248	248 - CB	247 - MH	SS CL A T2 12	5	12	693.80	693.75	1.00%	3
249	251 - MH	249 - MH	SS CL A T2 30	250	30	697.75	697.00	0.30%	229
250	250 - CB	249 - MH	SS CL A T2 12	5	12	697.05	697.00	1.00%	2
251	251A - MH	251 - MH	SS CL A T2 30	188	30	700.81	700.25	0.30%	162
251A	253 - MH	251A - MH	SS CL A T2 30	62	30	701.00	700.81	0.31%	71
252	252 - CB	251 - MH	SS CL A T2 12	5	12	700.30	700.25	1.00%	2
253	255 - MH	253 - MH	SS CL A T2 30	250	30	704.25	703.50	0.30%	224
254	254 - CB	253 - MH	SS CL A T2 12	5	12	703.55	703.50	1.00%	2
255	257 - MH	255 - MH	SS CL A T2 24	250	24	707.50	706.75	0.30%	211
256	256 - CB	255 - MH	SS CL A T2 12	5	12	706.80	706.75	1.00%	2
257	259 - MH	257 - MH	SS CL A T2 24	250	24	710.25	709.50	0.30%	193
258	258 - CB	257 - MH	SS CL A T2 12	5	12	709.55	709.50	1.00%	2
259	261 - MH	259 - MH	SS CL A T2 18	250	18	713.00	712.25	0.30%	88
260	260 - CB	259 - MH	SS CL A T2 12	5	12	712.30	712.25	1.00%	2
261	263 - MH	261 - MH	SS CL A T2 15	150	15	713.70	713.25	0.30%	47
262	262 - CB	261 - MH	SS CL A T2 12	5	12	713.30	713.25	1.00%	2
263	265 - MH	267 - MH	SS CL A T2 21	250	21	712.49	711.74	0.30%	90

PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	DESCRIPTION	LENGTH (FT)	SIZE (IN)	U/S INVERT	D/S INVERT	SLOPE	TBF (CY)
264	264 - CB	263 - MH	SS CL A T2 12	5	12	713.75	713.70	1.00%	1
265	267 - MH	269 - MH	SS CL A T2 24	250	24	709.74	708.99	0.30%	185
266	266 - CB	265 - MH	SS CL A T2 12	5	12	712.54	712.49	1.00%	2
267	269 - MH	271 - MH	SS CL A T2 30	250	30	706.99	706.24	0.30%	195
268	268 - CB	267 - MH	SS CL A T2 12	5	12	711.79	711.74	1.00%	2
269	271 - MH	273 - MH	SS CL A T2 36	250	36	703.74	703.11	0.25%	214
270	270 - CB	269 - MH	SS CL A T2 12	5	12	709.04	708.99	1.00%	2
271	273 - MH	275 - MH	SS CL A T2 36	250	36	702.61	701.99	0.25%	76
272	272 - CB	271 - MH	SS CL A T2 12	5	12	706.29	706.24	1.00%	2
273	275 - MH	275B - MH	SS CL A T1 36	50	36	701.99	701.86	0.26%	1
273A	275B - MH	275A - MH	SS CL A T1 30	25	30	701.86	701.80	0.24%	1
274	274 - CB	273 - MH	SS CL A T2 12	5	12	703.16	703.11	1.00%	2
275	277 - MH	279 - MH	SS CL A T2 18	250	18	695.10	694.47	0.25%	227
276	276 - CB	275 - MH	SS CL A T2 12	5	12	702.04	701.99	1.00%	1
277	279 - MH	281 - MH	SS CL A T2 30	250	30	691.47	690.85	0.25%	283
278	278 - CB	277 - MH	SS CL A T2 12	5	12	695.15	695.10	1.00%	5
279	281 - MH	283 - MH	SS CL A T2 30	250	30	688.80	688.18	0.25%	276
280	280 - CB	279 - MH	SS CL A T2 12	5	12	694.52	694.47	1.00%	3
281	283 - MH	285 - MH	SS CL A T2 36	100	36	686.72	686.47	0.25%	109
282	282 - CB	281 - MH	SS CL A T2 12	5	12	690.90	690.85	1.00%	4
283	286 - MH	103 - FES	STORM SEWERS JKD 24	91	24	684.89	683.38	1.66%	0
284	284 - CB	283 - MH	SS CL A T2 12	5	12	688.23	688.18	1.00%	4
285	287 - MH	285 - MH	SS CL A T2 18	150	18	687.39	686.94	0.30%	102
286	285 - MH	286 - MH	SS CL A T2 42	5	42	684.94	684.89	1.00%	7

N:\PROJECTS\388A\2 - West\Drawings\Drawings\388A-01.dwg

 Ciorba Group, Inc. CONSULTING ENGINEERS 650 North Commercial Avenue, Suite 402 Chicago, IL 60610 Tel: 773.776.4000 Fax: 773.776.4014 Email: ciorba@ciorba.com	USER NAME = dmorris PLOT SCALE = 1:8000 "/>	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 NS RAILROAD DRAINAGE SCHEDULES	F.A.I. RTE. = 80 SECTION = 99-5-Y COUNTY = WILL TOTAL SHEETS = 276 SHEET NO. = 25	CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT
	PLOT DATE = 12/6/2010	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.					


PIPE UNDERDRAINS, 6"			
DIRECTION	FROM STA.	TO STA.	LENGTH (FT)
WB	715+50	718+50	300
EB	715+50	718+50	300
WB	718+50	721+00	250
EB	718+50	721+00	250
WB	721+00	726+00	500
EB	721+00	726+00	500
WB	726+00	731+00	500
EB	726+00	731+00	500
WB	731+00	735+50	450
EB	731+00	735+50	450
WB	735+50	738+50	300
EB	735+50	738+50	300
WB	738+50	742+50	400
EB	738+50	742+50	400
WB	742+50	746+00	350
EB	742+50	746+00	350
WB	746+00	750+00	400
EB	746+00	750+00	400
WB	750+00	753+50	350
EB	750+00	753+50	350
WB	753+50	758+50	500
EB	753+50	758+50	500
WB	758+50	763+00	450
EB	758+50	763+00	450
WB	763+00	767+00	400
EB	763+00	767+00	400
WB	767+00	770+00	300
EB	767+00	770+00	300
WB	770+00	773+00	300
EB	770+00	773+00	300
WB	773+00	776+00	300
EB	773+00	776+00	300
WB	776+00	780+50	450
EB	776+00	780+50	450
WB	780+50	785+00	450
EB	780+50	785+00	450
WB	785+00	788+00	300
EB	785+00	788+00	300
WB	788+00	792+00	400
EB	788+00	792+00	400
WB	792+00	794+90	290
EB	792+00	794+90	290
WB	794+90	798+50	360
EB	794+90	798+50	360
WB	798+50	803+50	500
EB	798+50	803+50	500
WB	803+50	806+00	250
EB	803+50	806+00	250
WB	806+00	811+00	500
EB	806+00	811+00	500
WB	811+00	816+00	500
EB	811+00	816+00	500
WB	816+00	821+00	500
EB	816+00	821+00	500
WB	821+00	825+00	400
EB	821+00	825+00	400
WB	825+00	828+00	300
EB	825+00	828+00	300
WB	828+00	833+00	500

DIRECTION	FROM STA.	TO STA.	LENGTH (FT)
EB	828+00	833+00	500
WB	833+00	838+00	500
EB	833+00	838+00	500
WB	838+00	843+00	500
EB	838+00	843+00	500
WB	843+00	848+00	500
EB	843+00	848+00	500
WB	848+00	852+00	400
EB	848+00	852+00	400
WB	852+00	855+50	350
EB	852+00	855+50	350
WB	855+50	858+00	250
EB	855+50	858+00	250
WB	858+00	860+50	250
EB	858+00	860+50	250
WB	860+50	865+50	500
EB	860+50	865+50	500
WB	865+50	868+75	325
EB	865+50	868+75	325
WB	868+75	870+50	175
EB	868+75	870+50	175
WB	870+50	875+50	500
EB	870+50	875+50	500
WB	875+50	880+50	500
EB	875+50	880+50	500
WB	880+50	882+50	200
EB	880+50	882+50	200

PIPE UNDERDRAINS, 6" (SPECIAL)			
DIRECTION	FROM STA.	STRUCTURE NO.	LENGTH (FT)
WB	715+50	108 - MH	6
EB	715+50	109 - CB	6
WB	718+50	112 - MH	6
EB	718+50	113 - CB	6
WB	721+00	114 - MH	6
EB	721+00	115 - CB	6
WB	726+00	119 - MH	6
EB	726+00	120 - CB	6
WB	731+00	124 - MH	6
EB	731+00	125 - CB	6
WB	735+50	129 - MH	6
EB	735+50	130 - CB	6
WB	738+50	133 - MH	6
EB	738+50	134 - CB	6
WB	742+50	137 - MH	6
EB	742+50	138 - CB	6
WB	746+00	141 - MH	6
EB	746+00	142 - CB	6
WB	750+00	145 - MH	6
EB	750+00	146 - CB	6
WB	753+50	149 - MH	6
EB	753+50	150 - CB	6
WB	758+50	153 - MH	6
EB	758+50	154 - CB	6
WB	763+00	157 - MH	6
WB	763+00	157 - MH	14
WB	767+00	162 - MH	6
EB	767+00	163 - CB	6
WB	770+00	168 - MH	6
EB	770+00	169 - CB	6
WB	773+00	172 - MH	6
EB	773+00	173 - CB	6
WB	776+00	176 - MH	6
EB	776+00	177 - CB	6
WB	780+50	182 - MH	6
EB	780+50	183 - CB	6
WB	785+00	188 - MH	6
EB	785+00	189 - CB	6
WB	788+00	192 - MH	6
EB	788+00	193 - CB	6
WB	792+00	198 - MH	6
EB	792+00	199 - CB	6
WB	794+90	202 - MH	6
EB	794+90	203 - CB	6
WB	798+50	206 - MH	6
EB	798+50	207 - CB	6
WB	803+50	212 - MH	6
EB	803+50	213 - CB	6
WB	806+00	214 - MH	6
EB	806+00	215 - CB	6
WB	811+00	218 - MH	6
EB	811+00	219 - CB	6
WB	816+00	224 - MH	6
EB	816+00	225 - CB	6
WB	821+00	228 - MH	6
EB	821+00	229 - CB	6
WB	825+00	235 - MH	6
EB	825+00	236 - CB	6
WB	828+00	241 - MH	6

DIRECTION	FROM STA.	STRUCTURE NO.	LENGTH (FT)
EB	828+00	242 - CB	6
WB	833+00	247 - MH	6
EB	833+00	248 - CB	6
WB	838+00	251 - MH	6
EB	838+00	252 - CB	6
WB	843+00	255 - MH	6
EB	843+00	256 - CB	6
WB	848+00	259 - MH	6
EB	848+00	260 - CB	6
WB	852+00	263 - MH	6
EB	852+00	264 - CB	6
WB	855+50	265 - MH	6
EB	855+50	266 - CB	6
WB	858+00	267 - MH	6
EB	858+00	268 - CB	6
WB	860+50	269 - MH	6
EB	860+50	270 - CB	6
WB	865+50	273 - MH	6
EB	865+50	274 - CB	6
WB	870+50	277 - MH	6
EB	870+50	278 - CB	6
WB	875+50	281 - MH	6
EB	875+50	282 - CB	6
WB	880+50	287 - MH	6
EB	880+50	288 - CB	6

N:\PROJECTS\338812_Most\Drawings\Drainage\338812-drain-schedule.dwg

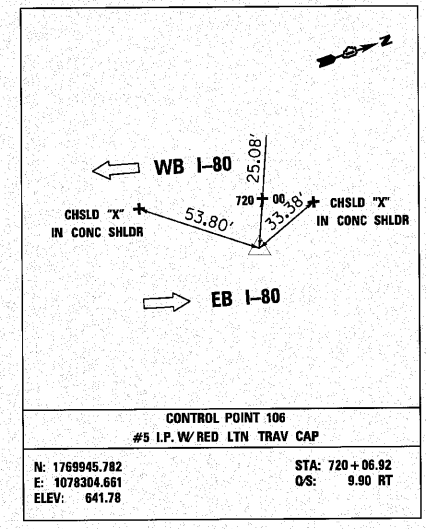
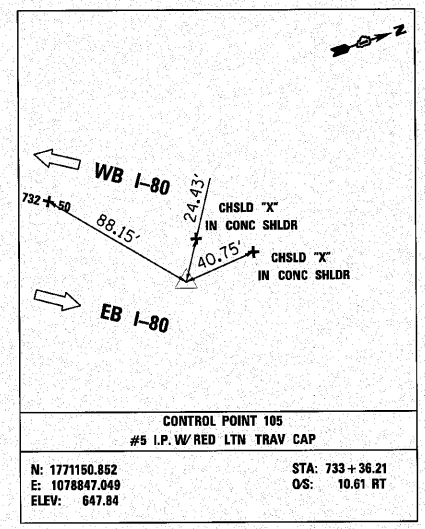
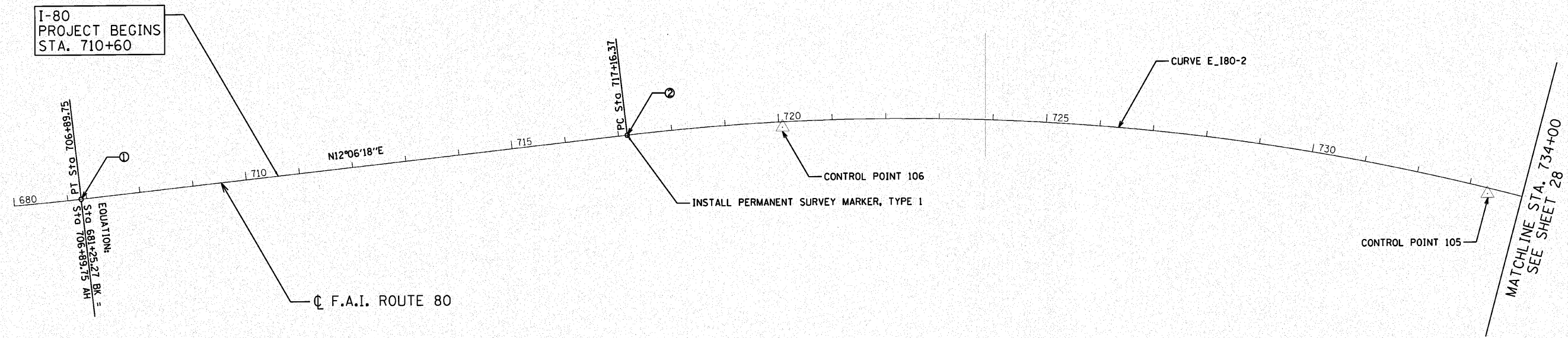
 ENGINEERING CONSULTANT Giorba Group, Inc. CONSULTING ENGINEERS 6507 North Central Expressway, Suite 402 Chicago, Illinois 60638 Tel: 773.776.4000 Fax: 773.776.4014 Email: giorba@giorba.com	USER NAME = dnoorris PLDT SCALE = 1:8000 / IN. PLDT DATE = 12/6/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE = 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD DRAINAGE SCHEDULES	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL TOTAL SHEETS 276 SHEET NO. 26 CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT

PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
1	FAI - 80	P.T. STATION	706+89.75	1768662.742	1078009.844
2	FAI - 80	P.C. STATION	717+16.37	1769666.533	1078225.130

CURVE DATA F.A.I. ROUTE 80

CURVE E.180-2
 PI STA. = 743+64.24
 $\Delta = 60^\circ 40' 37''$ (RT)
 D = $1^\circ 15' 59''$
 R = 4,524.31'
 T = 2,647.87'
 L = 4,791.31'
 E = 717.89'
 P.C. STA = 717+16.37
 P.T. STA = 765+07.68



BM#	DESCRIPTION	ELEVATION
BM2	CHISELED SQUARE SOUTHERN MOST EDGE OF CONC. SHOULDER LOCATED 100' EAST OF STAMPED STATION 725+00.	642.73

N:\PROJECTS\38842 - West\Design\Maps\Sheets\38842-01\plan1.dgn

<p>Clorba Group, Inc. CONSULTING ENGINEERS 2507 North Cambridge Avenue, Suite 402 Chicago, Illinois 60664 Tel: 773.775.4500 Fax: 773.775.4014 Email: cgroup@clorba.com</p>	USER NAME = jk.jellman PLLOT SCALE = 100.0000' / IN. PLLOT 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 NS RAILROAD ALIGNMENTS, TIES, AND BENCHMARKS	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL TOTAL SHEETS 277 SHEET NO. 27 CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT
	SCALE: SHEET NO. OF SHEETS STA. TO STA.					

CURVE DATA FRANCIS ROAD

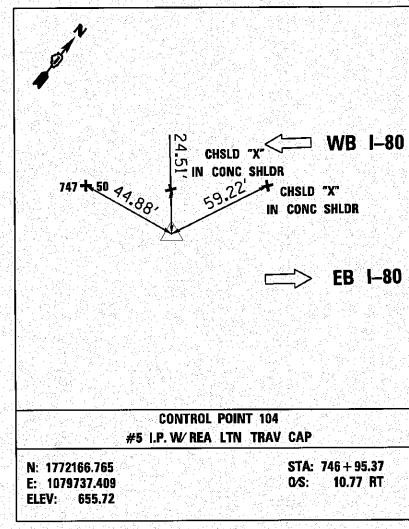
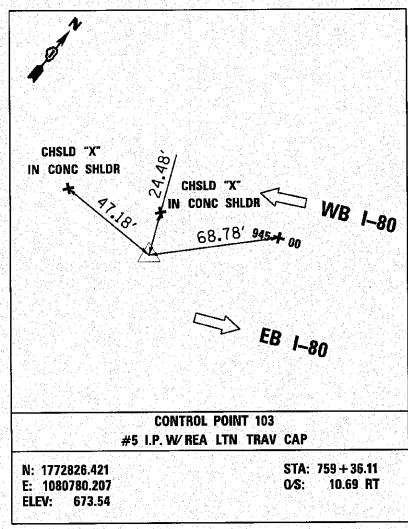
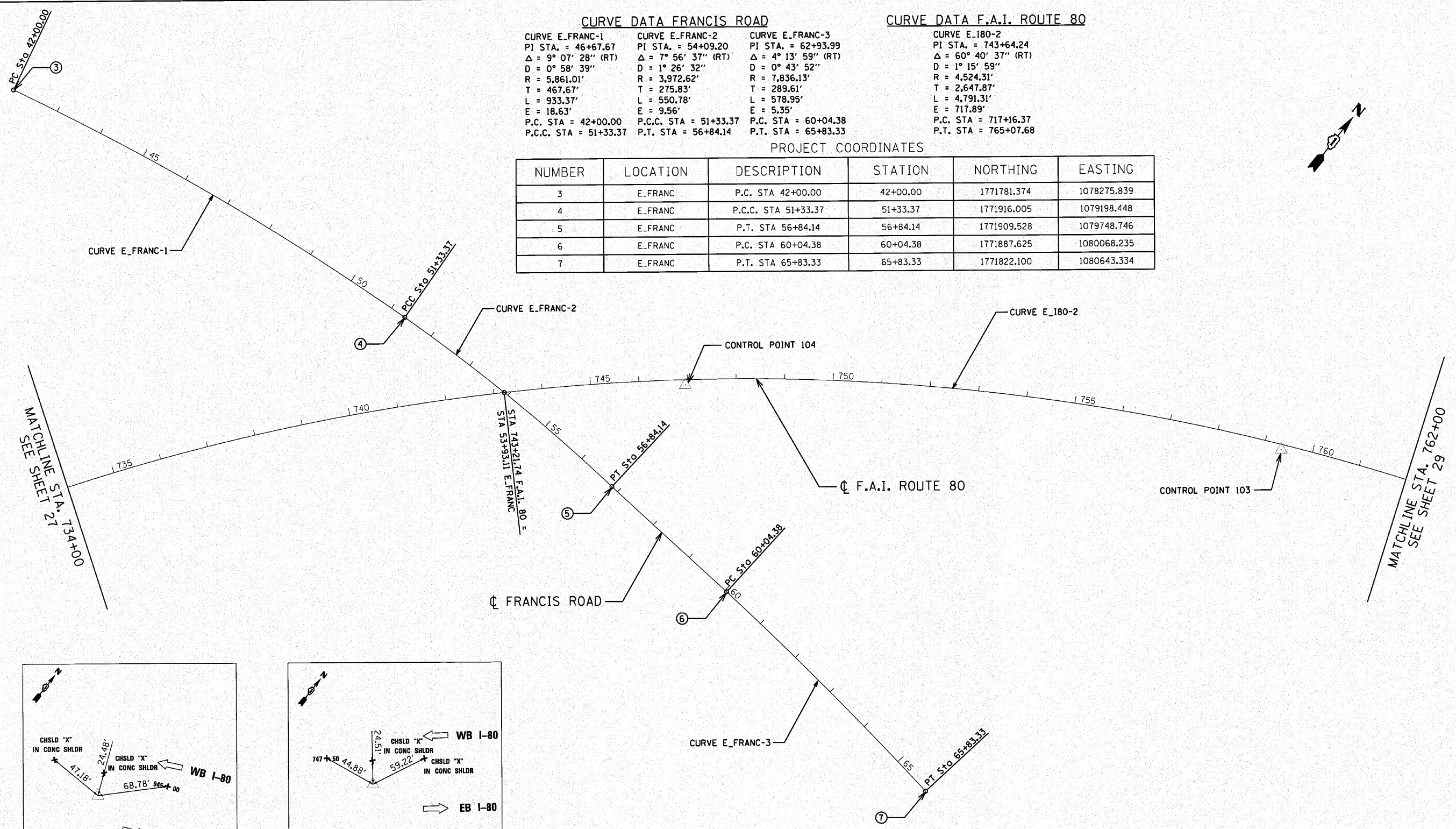
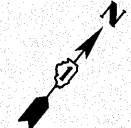
CURVE E.FRANC-1 PI STA. = 46+67.67 Δ = 9° 07' 28" (RT) D = 0° 58' 39" R = 5,861.01' T = 467.67' L = 933.37' E = 18.63' P.C. STA = 42+00.00 P.C.C. STA = 51+33.37	CURVE E.FRANC-2 PI STA. = 54+09.20 Δ = 7° 56' 37" (RT) D = 1° 26' 32" R = 3,972.62' T = 275.83' L = 550.78' E = 9.56' P.C.C. STA = 51+33.37 P.T. STA = 56+84.14	CURVE E.FRANC-3 PI STA. = 62+93.99 Δ = 4° 13' 59" (RT) D = 0° 43' 52" R = 7,836.13' T = 289.61' L = 578.95' E = 5.35' P.C. STA = 60+04.38 P.T. STA = 65+83.33
---	--	--

CURVE DATA F.A.I. ROUTE 80

CURVE E.180-2 PI STA. = 743+64.24 Δ = 60° 40' 37" (RT) D = 1° 15' 59" R = 4,524.31' T = 2,647.87' L = 4,791.31' E = 717.89' P.C. STA = 717+16.37 P.T. STA = 765+07.68
--

PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
3	E.FRANC	P.C. STA 42+00.00	42+00.00	1771781.374	1078275.839
4	E.FRANC	P.C.C. STA 51+33.37	51+33.37	1771916.005	1079198.448
5	E.FRANC	P.T. STA 56+84.14	56+84.14	1771909.528	1079748.746
6	E.FRANC	P.C. STA 60+04.38	60+04.38	1771887.625	1080068.235
7	E.FRANC	P.T. STA 65+83.33	65+83.33	1771822.100	1080643.334



BM#	DESCRIPTION	ELEVATION
BM3	CHISELED "X" TOP OF NORTHERN MOST BOLT OF SIGN FOUNDATION. SIGN READS EXIT 140 355 NORTH TOLLWAY 1 MILE. 120' WEST OF FRANCIS ROAD OVERPASS.	652.92
BM4	CHISELED SQUARE NORTHERN MOST SIGN POST FOUNDATION. SIGN READS SW HWY USE 355 NORTH. 50' EAST OF STAMPED STATION 755+00.	667.14

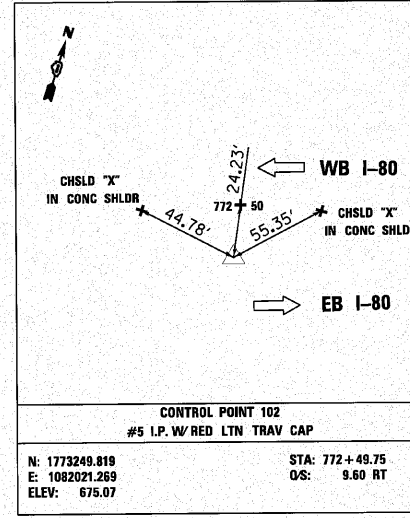
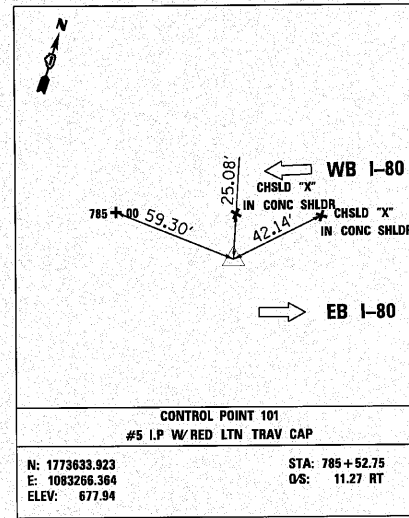
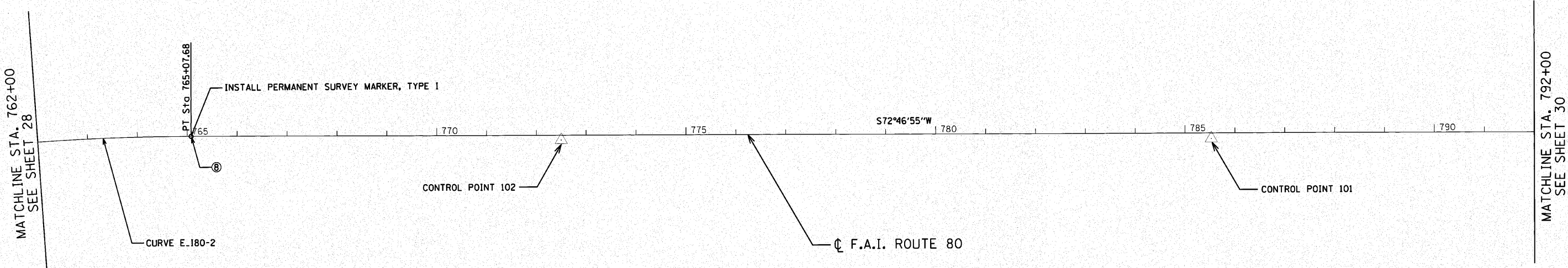
n:\proj\3384\2-west\dmu\m\sheet\3384\F.A.I.ROUTE 80.dgn

CURVE DATA F.A.I. ROUTE 80

CURVE E.180-2
 PI STA. = 743+64.24
 Δ = 60° 40' 37" (RT)
 D = 1° 15' 59"
 R = 4,524.31'
 T = 2,647.87'
 L = 4,791.31'
 E = 717.89'
 P.C. STA = 717+16.37
 P.T. STA = 765+07.68

PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
8	FAI - 80	P.T. STATION	765+07.68	1773039.325	1081309.608



BM#	DESCRIPTION	ELEVATION
BM5	CHISELED SQUARE IN NORTHERLY CONC. SIGN POST FOUNDATION. SIGN READS EXIT 140 355 NORTH TOLLWAY 1/2 MILE. STAMPED STATION 769+00.	673.21
BM8	CHISELED SQUARE IN SOUTHERLY EDGE OF CONC. SHOULDER AT STAMPED STATION 780+00.	676.94
BM9	CHISELED SQUARE IN CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 791+00.	679.33

c:\pco\3384\2_ces\1\design\misc\sheet\3384k-A\Align\Tie.dgn

<p>Clorba Group, Inc. CONSULTING ENGINEERS 6307 North Campbell Avenue, Suite 403 Chicago, Illinois 60658 Tel: 773.774.8200 Fax: 773.774.4014 Email: chicago@clorba.com</p>	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
	PLOT SCALE = 100.0000' / IN.	DRAWN - JMK	REVISED -
	PLOT DATE = 10/26/2010	CHECKED - MRJ	REVISED -
		DATE = 10/21/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM US 30 TO NS RAILROAD
 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-Y	WILL	277	29
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

PROJECT COORDINATES

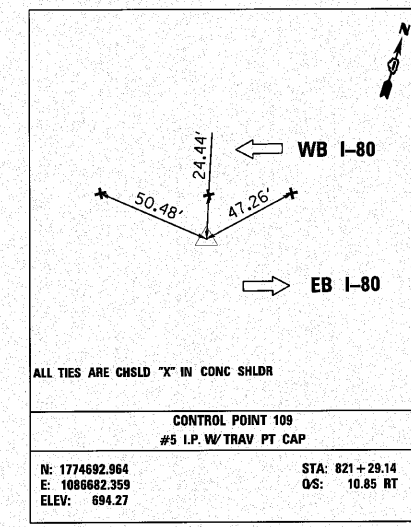
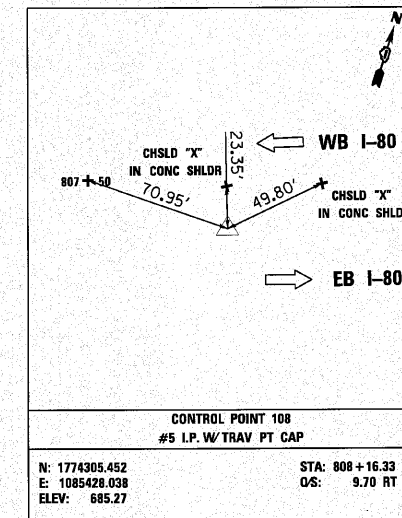
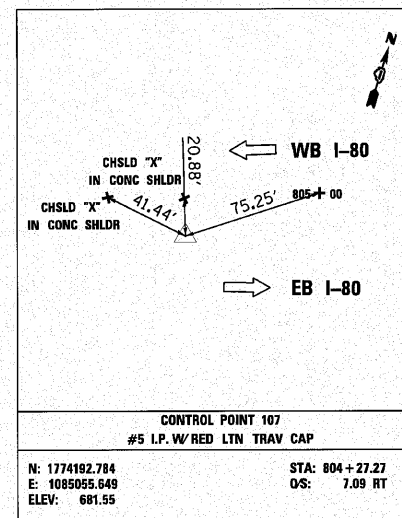
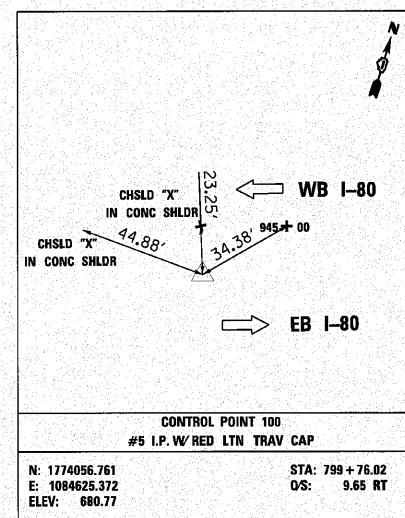
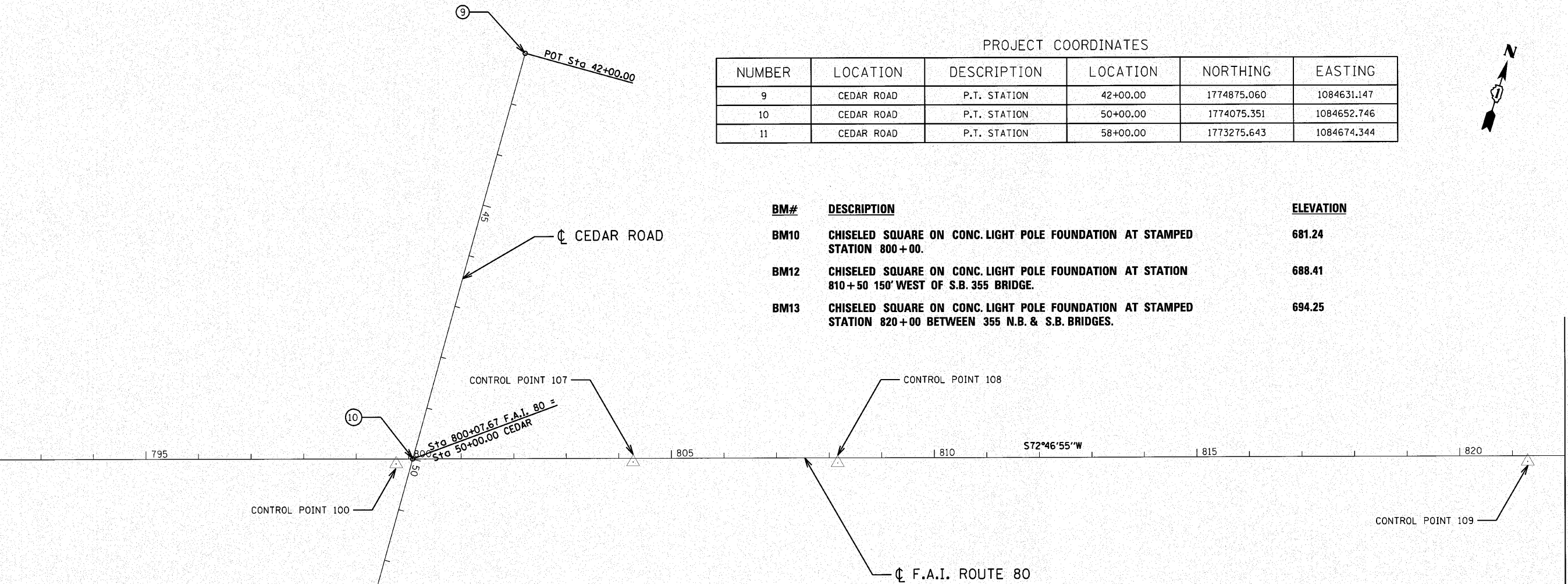
NUMBER	LOCATION	DESCRIPTION	LOCATION	NORTHING	EASTING
9	CEDAR ROAD	P.T. STATION	42+00.00	1774875.060	1084631.147
10	CEDAR ROAD	P.T. STATION	50+00.00	1774075.351	1084652.746
11	CEDAR ROAD	P.T. STATION	58+00.00	1773275.643	1084674.344



BM#	DESCRIPTION	ELEVATION
BM10	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 800+00.	681.24
BM12	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 810+50 150' WEST OF S.B. 355 BRIDGE.	688.41
BM13	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 820+00 BETWEEN 355 N.B. & S.B. BRIDGES.	694.25

MATCHLINE STA. 792+00
SEE SHEET 29

MATCHLINE STA. 822+00
SEE SHEET 31

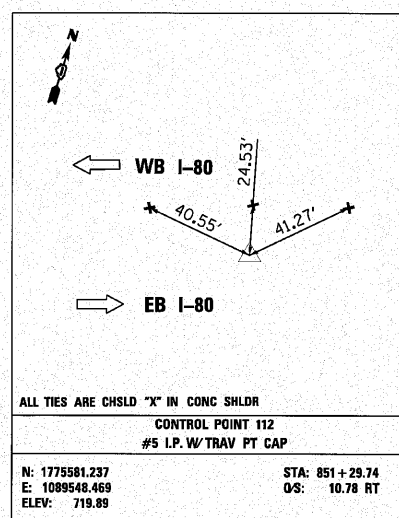
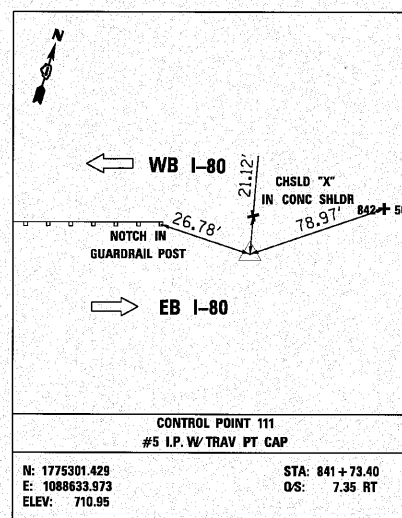
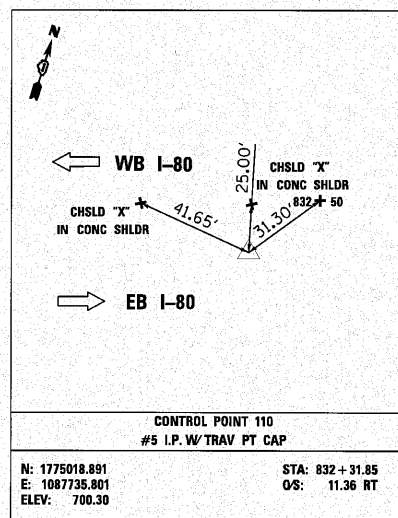
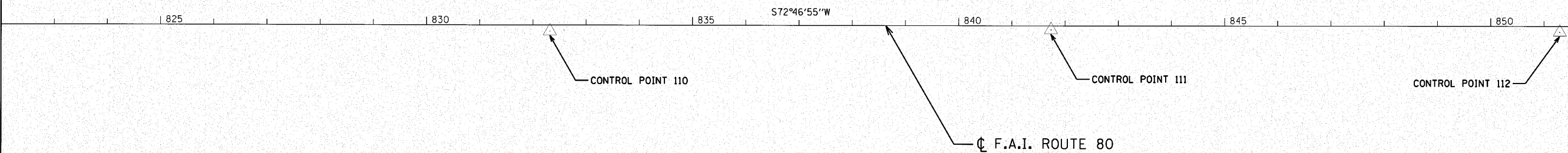


n:\proj\1338A\2-west\design\m\csheets\338A-A1\gn1.ea9.dgn



MATCHLINE STA. 822+00
SEE SHEET 30

MATCHLINE STA. 852+00
SEE SHEET 32



BM#	DESCRIPTION	ELEVATION
BM14	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 831+00 150' EAST OF N.B. 355 BRIDGE.	698.47
BM15	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 843+50 AT BEGINNING OF MERGE LANE FROM 355 S.B.	713.37

ALL TIES ARE CHSLD "X" IN CONC SHLDR
 CONTROL POINT 112
 #5 I.P. W/ TRAV PT CAP
 N: 1775581.237 STA: 851 + 29.74
 E: 1089548.469 OS: 10.78 RT
 ELEV: 719.89



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

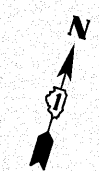
**F.A.I. 80 FROM US 30 TO NS RAILROAD
ALIGNMENTS, TIES, AND BENCHMARKS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	277	31
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

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

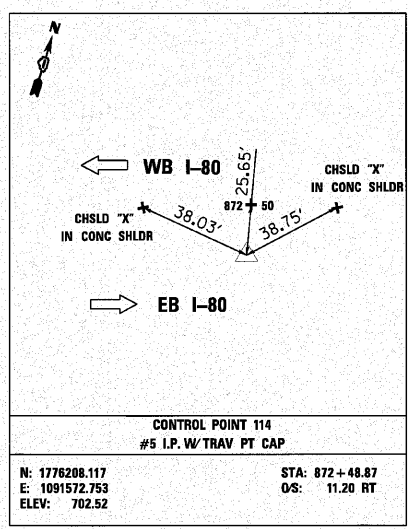
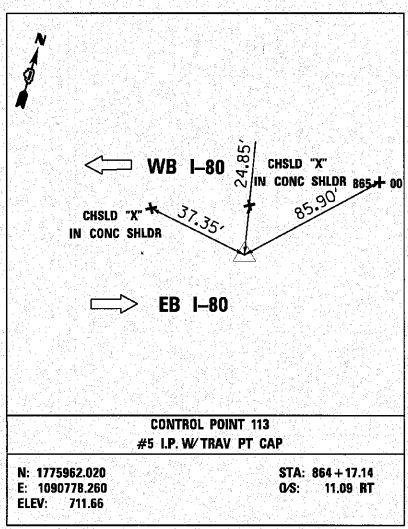
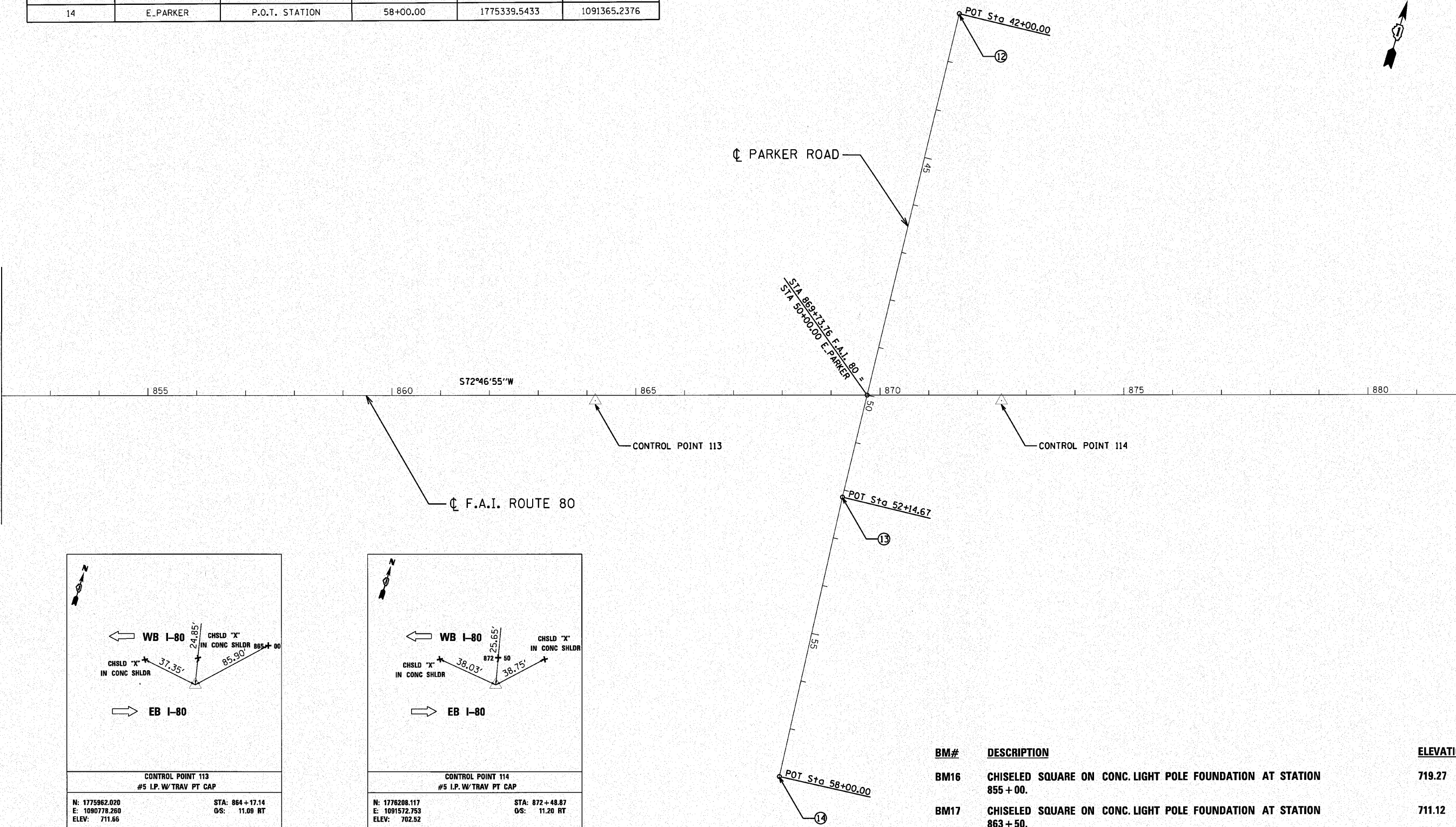
PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
12	E.PARKER	P.O.T. STATION	42+00.00	1776935.8266	1091256.9234
13	E.PARKER	P.O.T. STATION	52+14.67	1775923.1174	1091319.9985
14	E.PARKER	P.O.T. STATION	58+00.00	1775339.5433	1091365.2376



MATCHLINE STA. 852+00
SEE SHEET 31

MATCHLINE STA. 882+00
SEE SHEET 33



BM#	DESCRIPTION	ELEVATION
BM16	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 855 + 00.	719.27
BM17	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 863 + 50.	711.12
BM18	CHISELED IN SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 875 + 00.	699.89

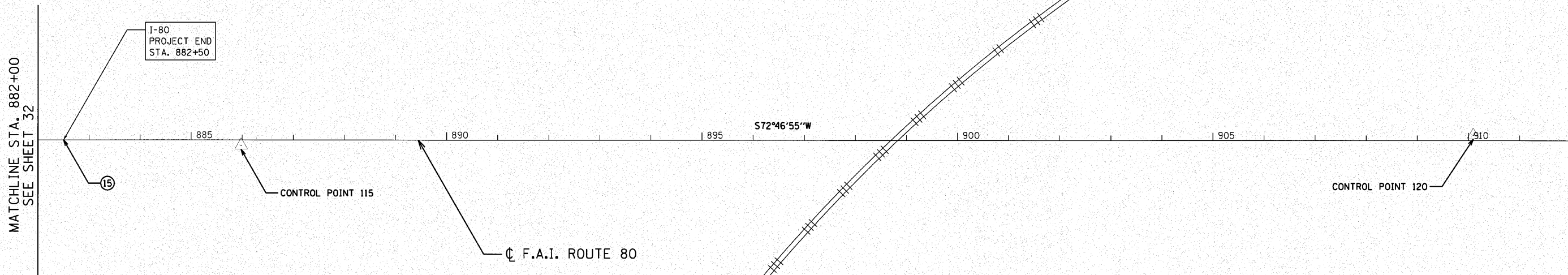
c:\p\132814\2\west\design\m\cshane\332814\align\1.cad\$\$.dgn

<p>5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: clorba@clorba.com</p>	USER NAME = jkallman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD ALIGNMENTS, TIES, AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED - MRJ	REVISED -			BO	99-5-Y	WILL	277	32
PLOT DATE = 10/28/2010	DATE = 10/27/2010	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60147				
						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	FAT-80	P.O.T.	882+50	1776515.1530	1092525.7022



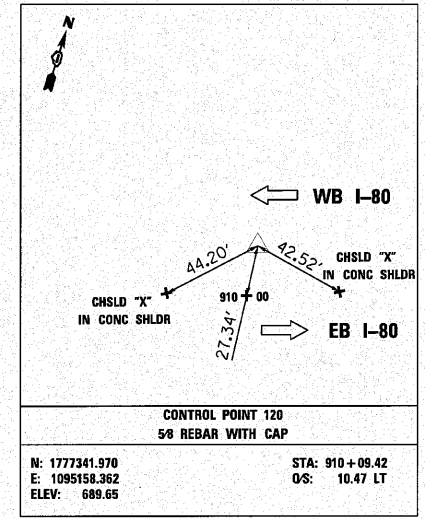
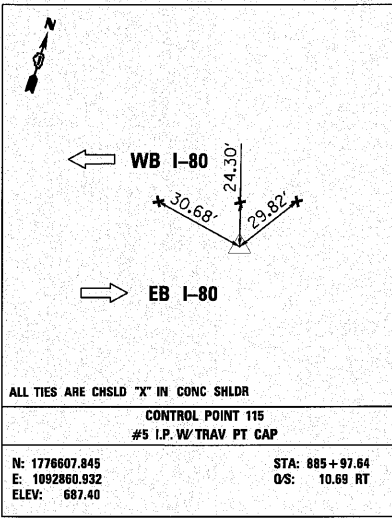
MATCHLINE STA. 882+00
SEE SHEET 32

I-80
PROJECT END
STA. 882+50

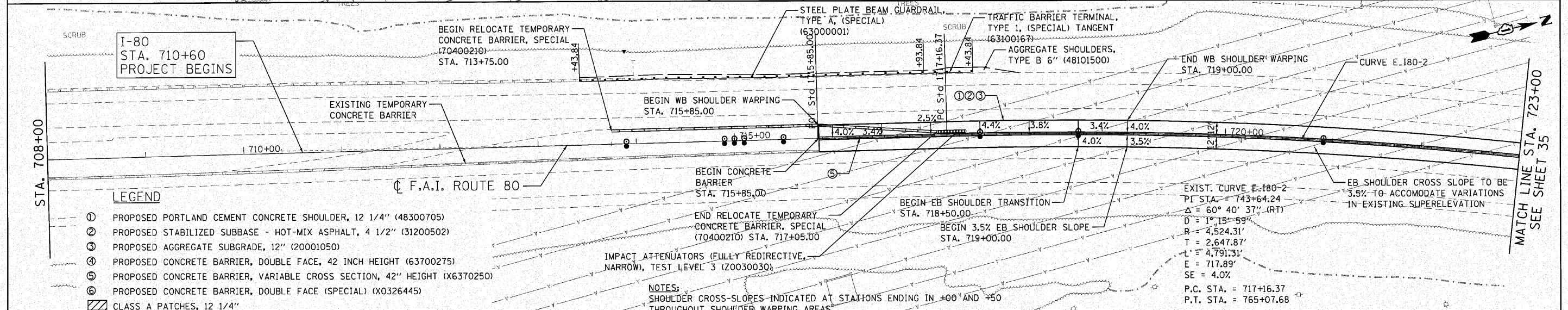
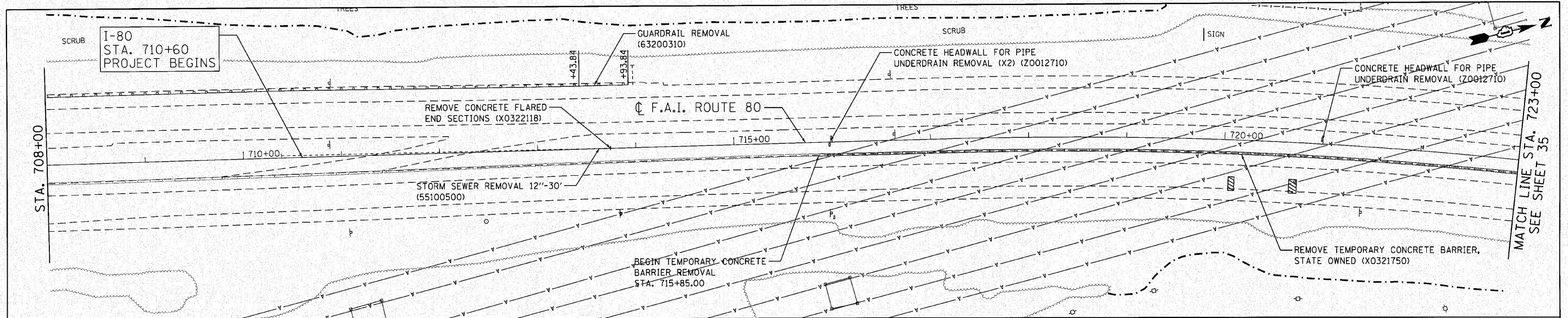
CONTROL POINT 115

☐ F.A.I. ROUTE 80

CONTROL POINT 120



m:\p\01\3281\c:\west\design\m\asheets\3281\1.dgn 1/1/2010 10:07:40 am

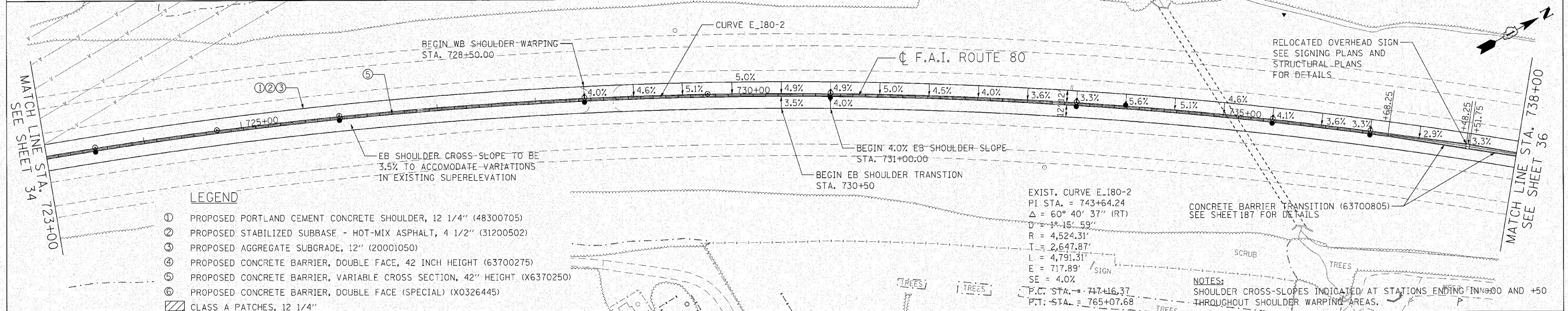
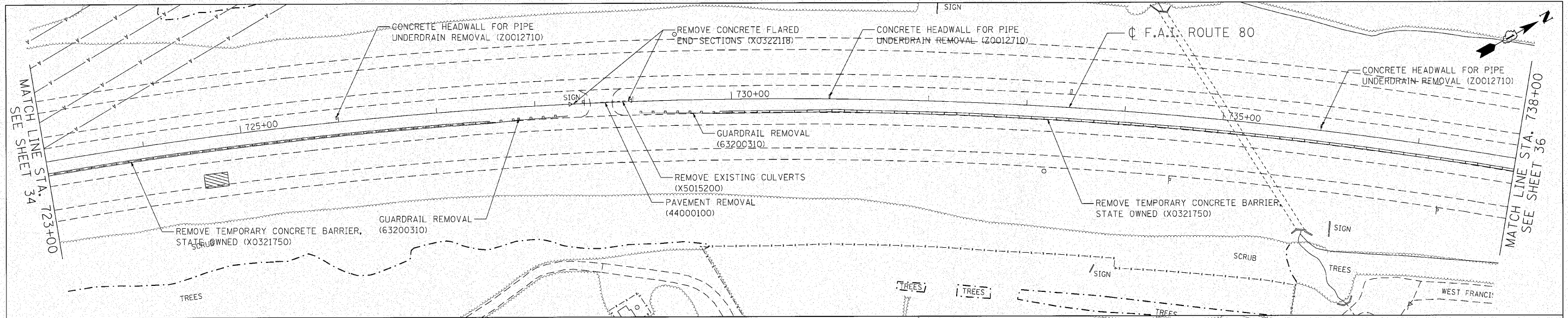


- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE 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	710+00	711+00	712+00	713+00	714+00	715+00	716+00	717+00	718+00	719+00	720+00	721+00	722+00	723+00
650														
645														
640														
635														
WB PCL	643.32	643.31	643.04	643.94	642.64	643.53	642.17	643.25	641.84	642.83	641.72	642.45	641.65	641.92
EB PCL	643.32	643.31	643.04	643.94	642.64	643.53	642.17	643.25	641.84	642.83	641.72	642.45	641.65	641.92
WB CMB BASE														
EB CMB BASE														
WB PCL	639.32	639.31	639.04	639.94	638.64	639.53	638.17	639.25	637.84	638.83	637.72	638.45	637.65	637.92
EB PCL	639.32	639.31	639.04	639.94	638.64	639.53	638.17	639.25	637.84	638.83	637.72	638.45	637.65	637.92
WB CMB BASE														
EB CMB BASE														
WB PCL	635.32	635.31	635.04	635.94	634.64	635.53	634.17	635.25	634.84	634.83	634.72	634.45	634.65	634.92
EB PCL	635.32	635.31	635.04	635.94	634.64	635.53	634.17	635.25	634.84	634.83	634.72	634.45	634.65	634.92
WB CMB BASE														
EB CMB BASE														

<p>Giorgio Group Inc. CONSULTING ENGINEERS 6807 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4614 Email: info@giorgio.com</p>	USER NAME = jkellman PLOT SCALE = 50.0000' / 1" PLOT DATE = 12/6/2010	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 US 30 TO NS RAILROAD ROADWAY PLAN & PROFILE</p>	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 710+60 TO STA. 723+00	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL CONTRACT NO. 60147	TOTAL SHEETS 276 SHEET NO. 34	ILLINOIS FED. AID PROJECT
---	---	---	--	---	---	---	---	----------------------------------	---------------------------

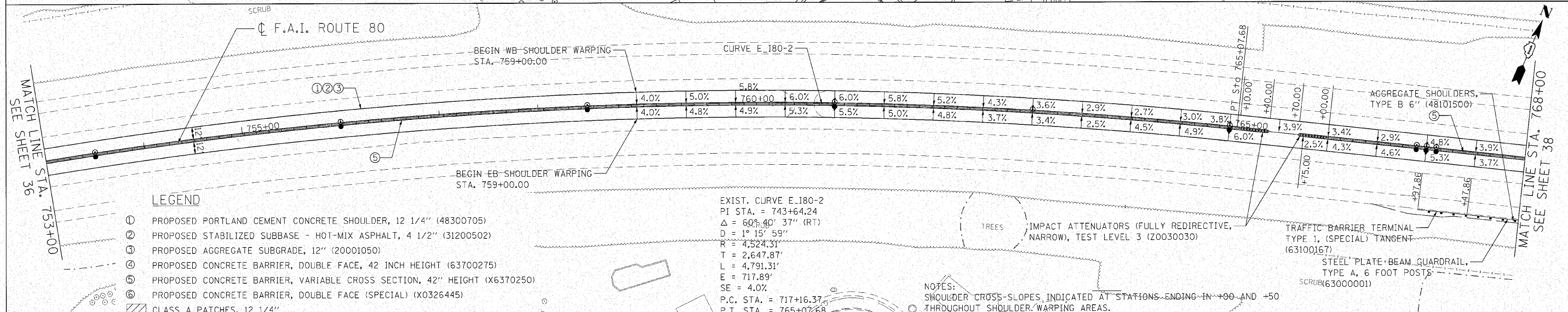
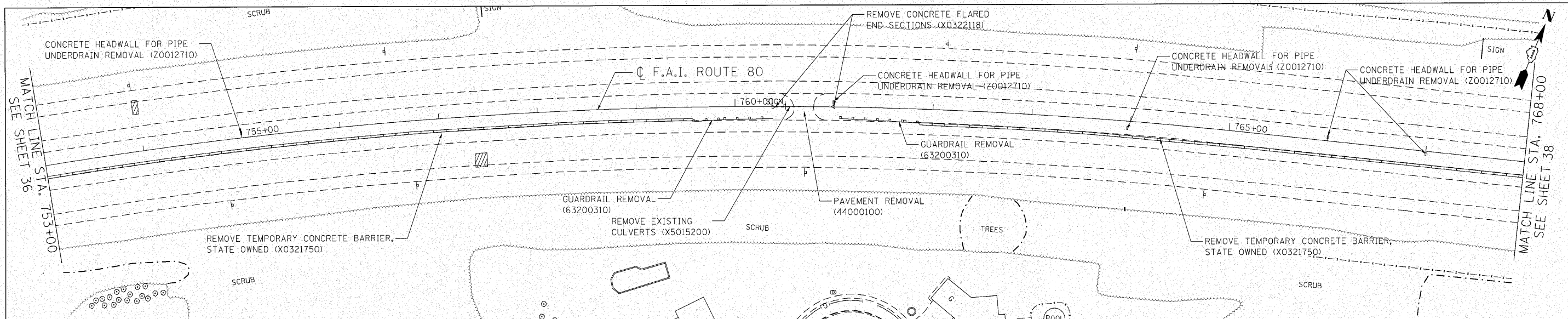


- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE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

EXIST. CURVE E_180-2
 PI STA. = 743+64.24
 $\Delta = 60^\circ 40' 37''$ (RT)
 $D = 1^\circ 15' 59''$
 $R = 4,524.31'$
 $T = 2,647.87'$
 $L = 4,791.31'$
 $E = 717.89'$
 $SE = 4.0\%$
 P.C. STA. = 747+16.37
 P.T. STA. = 765+07.68

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

TOP OF WALL	646.52	646.73	646.97	647.21	647.43	647.63	647.89	648.12	648.35	648.58	648.81	649.08	649.29	649.49	649.71	649.87	650.04	650.26	650.52	650.72	650.97	651.20	651.44	651.63	651.86	652.09	652.31	652.52	652.80	653.01	653.23																																																									
655																																																																																								
650																																																																																								
645																																																																																								
640																																																																																								
WB CMB BASE	641.82	643.02	642.07	643.23	642.36	643.47	643.07	643.71	643.36	642.88	643.93	643.65	643.17	644.13	643.92	643.44	644.39	644.16	643.69	644.62	644.42	643.94	644.85	644.70	644.22	645.09	644.98	644.50	645.31	645.26	644.78	645.58	645.52	644.97	645.79	645.77	645.15	645.99	645.94	645.34	646.21	646.11	645.52	646.37	646.29	645.70	646.54	646.48	645.89	646.76	646.60	646.07	647.02	646.73	646.25	647.22	646.87	646.44	647.47	647.01	646.62	647.70	647.10	646.44	647.94	647.23	646.63	648.13	647.35	646.81	648.36	647.48	647.00	648.59	647.61	647.18	647.76	647.37	649.02	647.90	647.56	649.30	648.13	647.74	649.51	648.31	647.93	649.73
EB CMB BASE	642.30	643.44	642.55	643.65	642.83	643.89	643.07	644.13	643.36	642.88	643.93	643.65	643.17	644.13	643.92	643.44	644.39	644.16	643.69	644.62	644.42	643.94	644.85	644.70	644.22	645.09	644.98	644.50	645.31	645.26	644.78	645.58	645.52	644.97	645.79	645.77	645.15	645.99	645.94	645.34	646.21	646.11	645.52	646.37	646.29	645.70	646.54	646.48	645.89	646.76	646.60	646.07	647.02	646.73	646.25	647.22	646.87	646.44	647.47	647.01	646.62	647.70	647.10	646.44	647.94	647.23	646.63	648.13	647.35	646.81	648.36	647.48	647.00	648.59	647.61	647.18	647.76	647.37	649.02	647.90	647.56	649.30	648.13	647.74	649.51	648.31	647.93	649.73
WB PCL	642.30	643.44	642.55	643.65	642.83	643.89	643.07	644.13	643.36	642.88	643.93	643.65	643.17	644.13	643.92	643.44	644.39	644.16	643.69	644.62	644.42	643.94	644.85	644.70	644.22	645.09	644.98	644.50	645.31	645.26	644.78	645.58	645.52	644.97	645.79	645.77	645.15	645.99	645.94	645.34	646.21	646.11	645.52	646.37	646.29	645.70	646.54	646.48	645.89	646.76	646.60	646.07	647.02	646.73	646.25	647.22	646.87	646.44	647.47	647.01	646.62	647.70	647.10	646.44	647.94	647.23	646.63	648.13	647.35	646.81	648.36	647.48	647.00	648.59	647.61	647.18	647.76	647.37	649.02	647.90	647.56	649.30	648.13	647.74	649.51	648.31	647.93	649.73
EB PCL	643.44	643.02	642.07	643.23	642.36	643.47	643.07	643.71	642.83	642.88	643.93	643.65	643.17	644.13	643.92	643.44	644.39	644.16	643.69	644.62	644.42	643.94	644.85	644.70	644.22	645.09	644.98	644.50	645.31	645.26	644.78	645.58	645.52	644.97	645.79	645.77	645.15	645.99	645.94	645.34	646.21	646.11	645.52	646.37	646.29	645.70	646.54	646.48	645.89	646.76	646.60	646.07	647.02	646.73	646.25	647.22	646.87	646.44	647.47	647.01	646.62	647.70	647.10	646.44	647.94	647.23	646.63	648.13	647.35	646.81	648.36	647.48	647.00	648.59	647.61	647.18	647.76	647.37	649.02	647.90	647.56	649.30	648.13	647.74	649.51	648.31	647.93	649.73



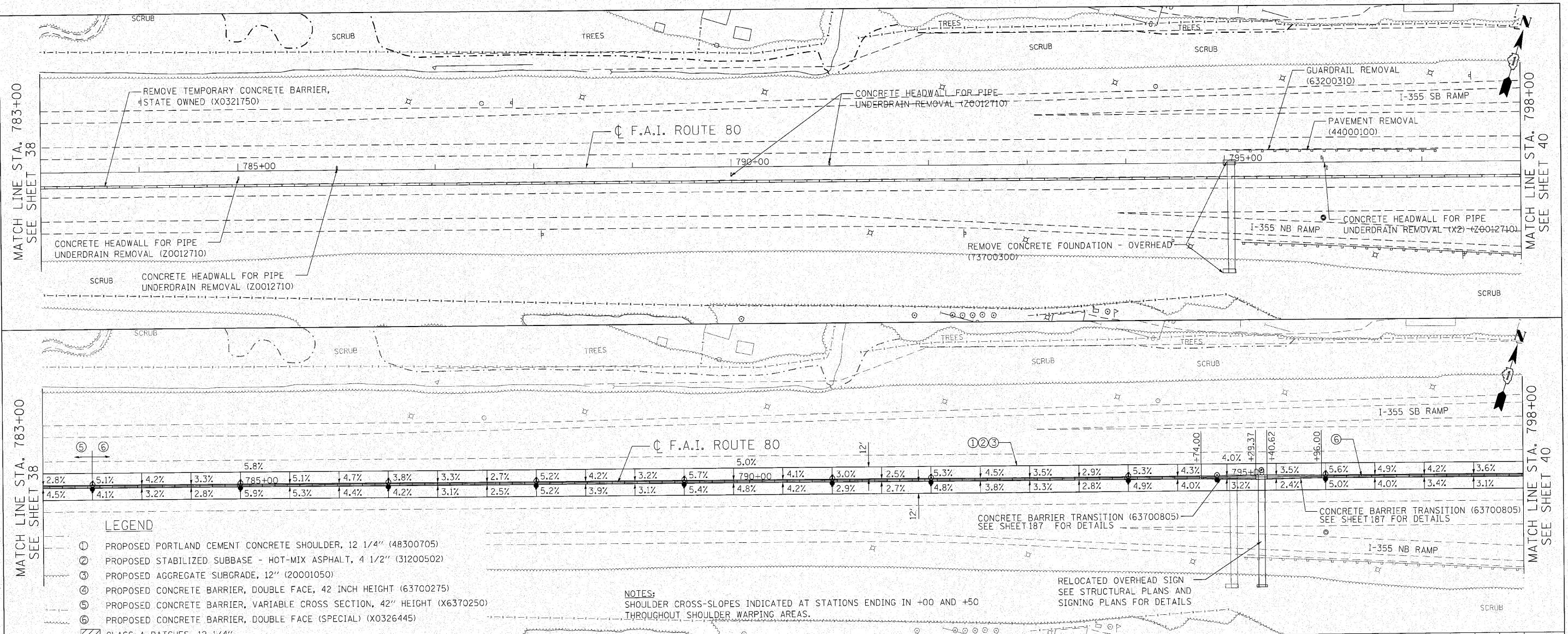
- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE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

EXIST. CURVE E_180-2
 PI STA. = 743+64.24
 $\Delta = 60^{\circ} 40' 37''$ (RT)
 $D = 1^{\circ} 15' 59''$
 $R = 4,524.31'$
 $T = 2,647.87'$
 $L = 4,791.31'$
 $E = 717.89'$
 $SE = 4.0\%$
 P.C. STA. = 717+16.37
 P.T. STA. = 765+07.68

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

TOP OF WALL	753+00	754+00	755+00	756+00	757+00	758+00	759+00	760+00	761+00	762+00	763+00	764+00	765+00	766+00	767+00	768+00															
680	670.19	670.87	671.63	672.34	672.98	673.55	674.13	674.68	675.17	675.61	676.06	676.41	676.76	677.12	677.40	677.58	677.76	677.94	678.12	678.30	678.48	678.46	678.44	678.42	678.39	678.37	678.44	678.51	678.59		
675																															
670																															
665																															
WB PCL	667.17	666.61	667.36	668.10	668.77	669.34	669.95	670.47	671.11	671.67	672.15	672.61	673.04	673.41	673.74	674.08	674.36	674.62	674.80	674.98	675.16	675.34	675.52	675.69	675.87	676.04	676.21	676.38	676.55	676.72	
EB PCL	665.85	666.13	666.88	667.62	668.29	668.88	669.48	670.05	670.63	671.18	671.67	672.11	672.56	672.91	673.26	673.61	673.96	674.31	674.66	675.01	675.36	675.71	676.06	676.41	676.76	677.11	677.46	677.81	678.16	678.51	
WB CMB BASE	666.69	666.13	666.88	667.62	668.29	668.88	669.48	670.05	670.63	671.18	671.67	672.11	672.56	672.91	673.26	673.61	673.96	674.31	674.66	675.01	675.36	675.71	676.06	676.41	676.76	677.11	677.46	677.81	678.16	678.51	
EB CMB BASE	665.38	666.13	666.88	667.62	668.29	668.88	669.48	670.05	670.63	671.18	671.67	672.11	672.56	672.91	673.26	673.61	673.96	674.31	674.66	675.01	675.36	675.71	676.06	676.41	676.76	677.11	677.46	677.81	678.16	678.51	

<p>Ciorba Group, Inc. CONSULTING ENGINEERS 6627 North Cumberland Avenue, Suite 402 Chicago, IL 60631 Tel: 773.775.4000 Fax: 773.775.4014 Email: cgroup@ciorba.com</p>	ENGINEERING CONSULTANT	USER NAME = cgroupwell	DESIGNED - CRC	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>F.A.I. 80 FROM US 30 TO NS RAILROAD ROADWAY PLAN & PROFILE</p>			F.A.I. RTE. = 80	SECTION = 99-5-Y	COUNTY = WILL	TOTAL SHEETS = 276	SHEET NO. = 37
	PLOT SCALE = 50,0000' / IN.	CHECKED - MRJ	REVISIED -	DATE = 10/27/2010		REVISIED -	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 753+00 TO STA. 768+00	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60147		



STATION	TOP OF WALL	PROP. TOP OF WALL	PROP. WB. BASE OF WALL	PROP. EB. BASE OF WALL	WB. PCL	EB. PCL	WB. CMB. BASE	EB. CMB. BASE
783+00	681.20				678.04	677.73	677.70	677.19
784+00	681.30				678.13	677.85	677.52	677.36
785+00	681.39				678.20	677.92	677.69	677.54
786+00	681.49				678.26	678.05	677.87	677.71
787+00	681.58				678.36	678.15	677.66	677.44
788+00	681.68				678.45	678.25	677.84	677.62
789+00	681.77				678.57	678.32	678.01	677.79
790+00	681.87				678.65	678.47	678.19	677.97
791+00	681.96				678.76	678.51	678.36	678.14
792+00	682.06				678.86	678.62	678.54	678.32
793+00	682.18				678.98	678.76	678.66	678.44
794+00	682.29				679.04	678.82	678.72	678.50
795+00	682.41				679.10	678.92	678.82	678.60
796+00	682.52				679.17	679.02	678.94	678.72
797+00	682.64				679.26	679.12	679.06	678.84
798+00	682.76				679.33	679.22	679.19	678.94
799+00	682.87				679.37	679.24	679.21	678.99
800+00	682.99				679.49	679.39	679.39	679.07
801+00	683.03				679.57	679.46	679.46	679.14
802+00	683.07				679.65	679.54	679.54	679.22
803+00	683.11				679.71	679.63	679.63	679.30
804+00	683.15				679.81	679.82	679.81	679.38
805+00	683.24				679.90	679.90	679.90	679.46
806+00	683.32				679.96	679.98	679.98	679.54
807+00	683.41				680.09	680.08	680.09	679.62
808+00	683.49				680.21	680.18	680.21	679.68
809+00	683.58				680.26	680.29	680.26	679.74
810+00	683.66				680.36	680.36	680.36	679.80
811+00	683.75				680.47	680.47	680.47	679.86
812+00	683.83				680.58	680.61	680.58	679.92
813+00	683.92				680.70	680.79	680.70	679.98

LEGEND

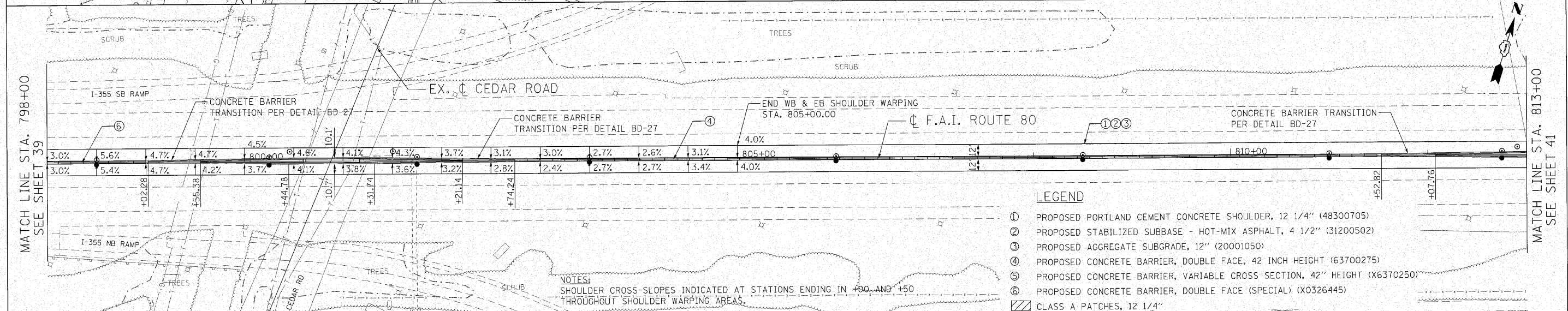
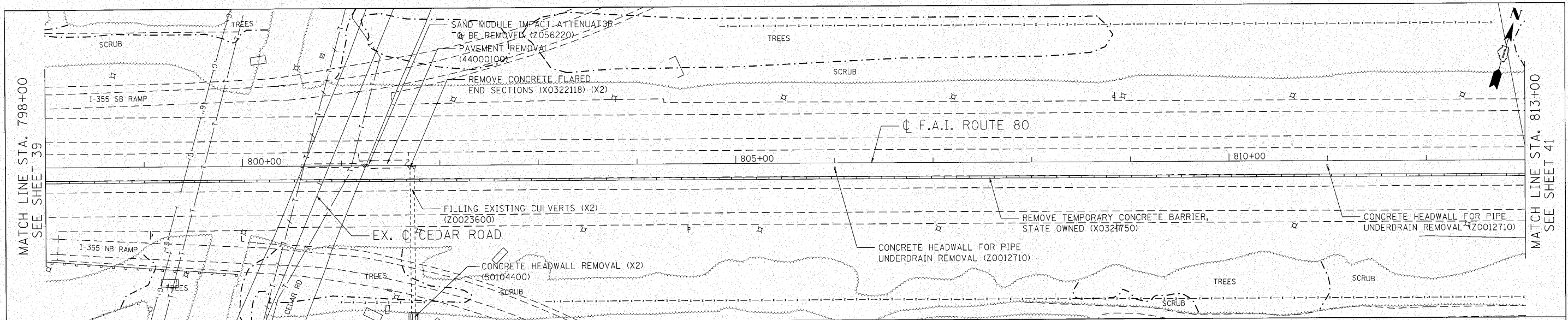
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
- ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- ⑤ PROPOSED CONCRETE BARRIER, VARIABLE CROSS SECTION,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

RELOCATED OVERHEAD SIGN
 SEE STRUCTURAL PLANS AND SIGNING PLANS FOR DETAILS

n:\p\13384\2\east\design\work\13384\p\13384\p\13384\F06.dgn

<p>Clorba Group, Inc. CONSULTING ENGINEERS 1807 North Calumet Avenue, Suite 402 Chicago, Illinois 60647 Tel: 773.778.4014 Fax: 773.778.4014 Email: chicago@clorba.com</p>	USER NAME = ecorneil 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 NS RAILROAD ROADWAY PLAN & PROFILE	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 783+00 TO STA. 798+00	F.A.I. R.T.E. 80 SECTION 99-5-Y COUNTY WILL TOTAL SHEETS 276 SHEET NO. 39 CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT
	PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/27/2010	REVISIONS:				



TOP OF WALL	798+00	799+00	800+00	801+00	802+00	803+00	804+00	805+00	806+00	807+00	808+00	809+00	810+00	811+00	812+00	813+00
683.92	684.05	684.19	684.33	684.46	684.60	684.73	684.91	685.09	685.27	685.46	685.64	685.83	686.03	686.26	686.62	687.03
695																695
690																690
685																685
680																680
WB CMB BASE	680.34	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35
EB CMB BASE	680.34	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35	680.35
WB POL	680.79	680.82	680.87	680.91	680.99	681.06	681.11	681.21	681.25	681.41	681.48	681.62	681.64	681.76	681.80	681.92
EB POL	680.79	680.82	680.87	680.91	680.99	681.06	681.11	681.21	681.25	681.41	681.48	681.62	681.64	681.76	681.80	681.92

ENGINEERING CONSULTANT
Ciorba Group, Inc.
 5607 North Cumberland Avenue, Suite 402
 Chicago, IL 60630
 Tel: 773.775.4200 Fax: 773.775.4614
 Email: ciorba@ciorbainc.com

USER NAME: oconnorwell
 DESIGNED: CRC
 DRAWN: JMK
 CHECKED: MRJ
 DATE: 10/27/2010

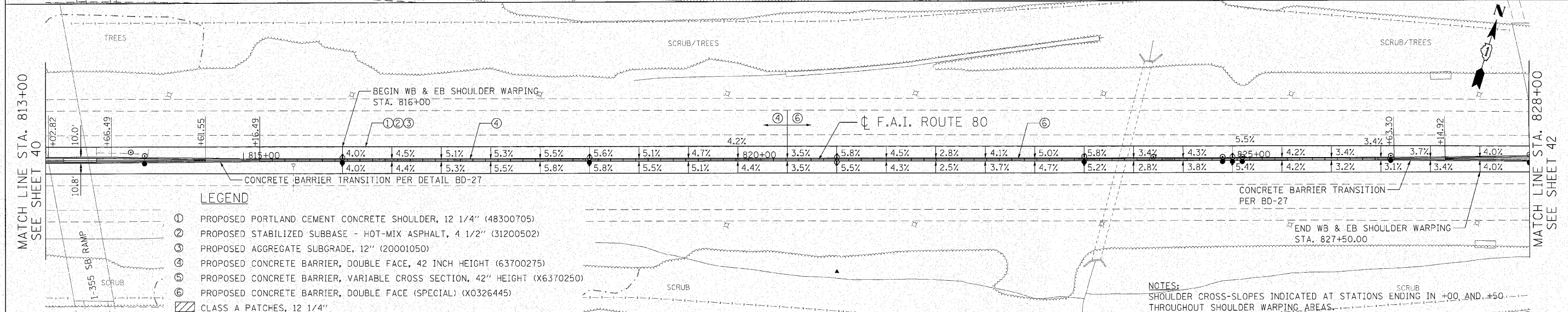
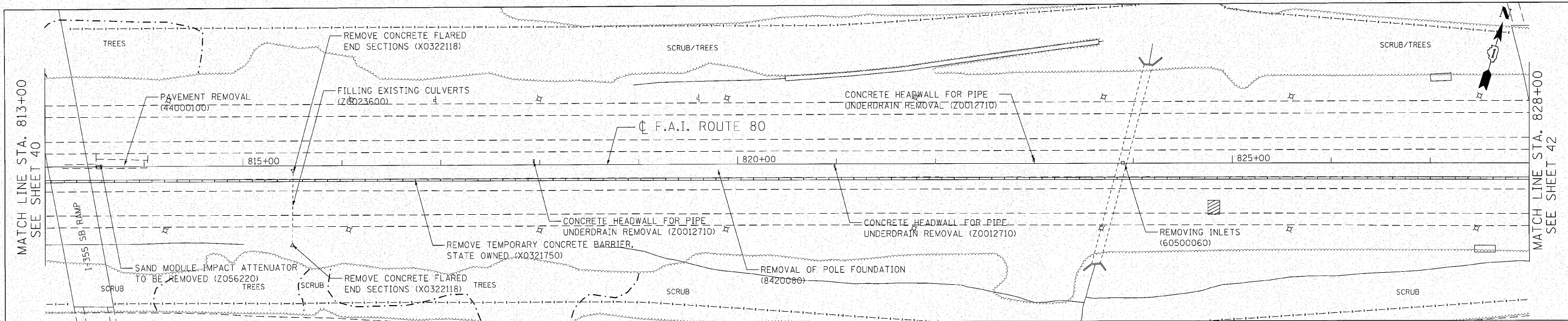
REVISIONS:
 REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
ROADWAY PLAN & PROFILE

SCALE: 1" = 50'
 SHEET NO. OF SHEETS
 STA. 798+00 TO STA. 813+00

F.A.I. RTE. 80
 SECTION 99-5-Y
 COUNTY WILL
 TOTAL SHEETS 276
 SHEET NO. 40
 CONTRACT NO. 60147
 ILLINOIS FED. AID PROJECT



TOP OF WALL	813+00	814+00	815+00	816+00	817+00	818+00	819+00	820+00	821+00	822+00	823+00	824+00	825+00	826+00	827+00	828+00
705	693.93	694.38	694.81	695.14	695.47	695.77	696.09	696.33	696.51	696.69	696.87	697.06	697.24	697.42	697.60	697.78
700																
695																
690																
WB CMB BASE	690.41	690.88	691.31	691.64	691.97	692.27	692.59	692.83	693.01	693.19	693.37	693.56	693.74	693.92	694.10	694.28
EB CMB BASE	690.43	690.85	691.26	691.59	691.93	692.25	692.54	692.83	693.01	693.14	693.32	693.50	693.68	693.86	694.04	694.22
WB PCL	690.81	691.26	691.70	692.05	692.42	692.73	693.07	693.37	693.62	693.83	694.03	694.23	694.43	694.63	694.83	695.03
EB PCL	690.87	691.30	691.69	692.04	692.39	692.73	693.02	693.32	693.60	693.80	694.01	694.20	694.39	694.57	694.76	694.95

ENGINEERING CONSULTANT

 Clorba Group, Inc.
 CONSULTING ENGINEERS
 2507 North Campwood Avenue, Suite 402
 Chicago, Illinois 60642
 Tel: 773.775.4208 Fax: 773.775.4214
 Email: cgroup@clorba.com

USER NAME = coornwell
 DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

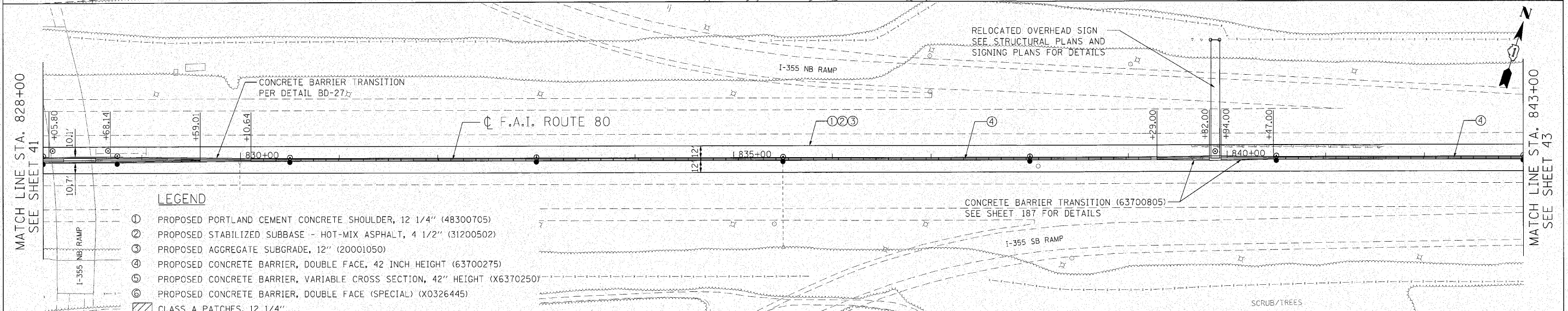
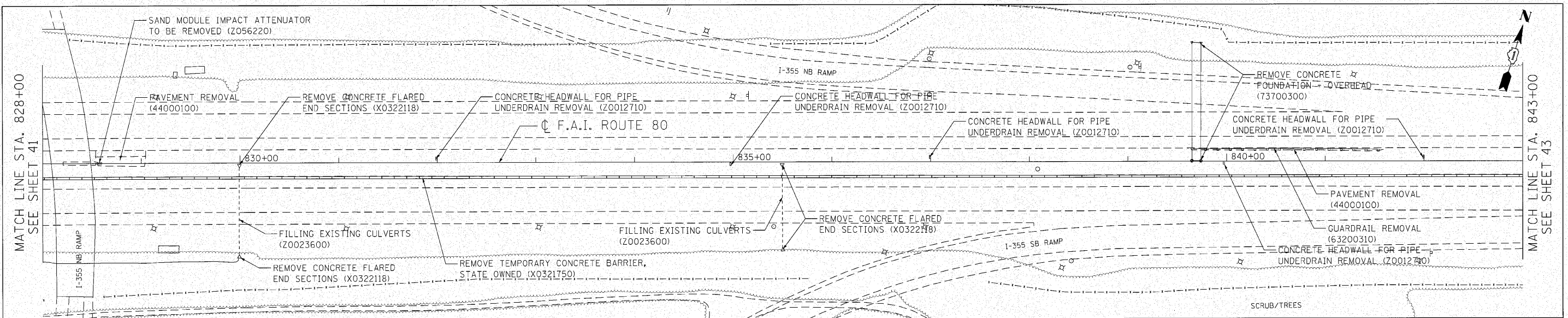
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM US 30 TO NS RAILROAD
 ROADWAY PLAN & PROFILE**

F.A.I. SECTION COUNTY TOTAL SHEET NO.
 80 99-5-Y WILL 276 41
 CONTRACT NO. 60147
 ILLINOIS FED. AID PROJECT

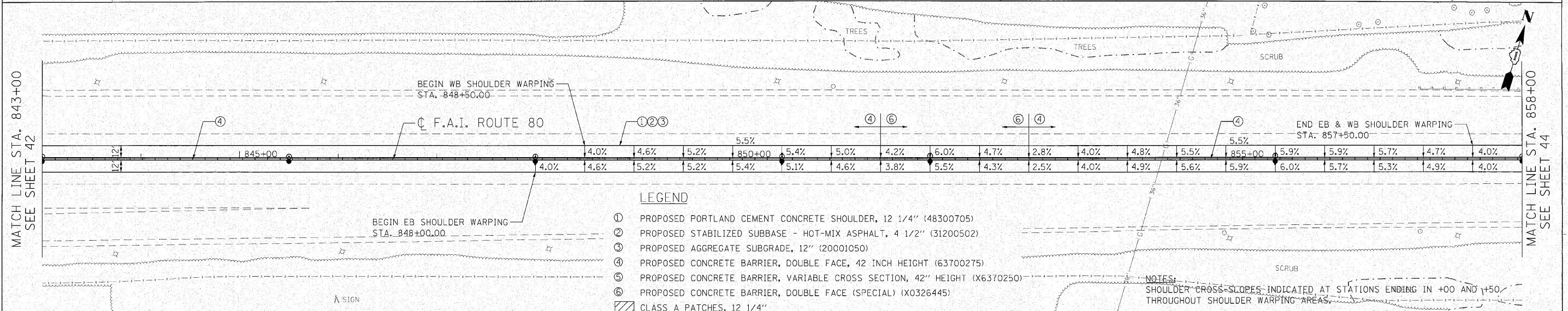
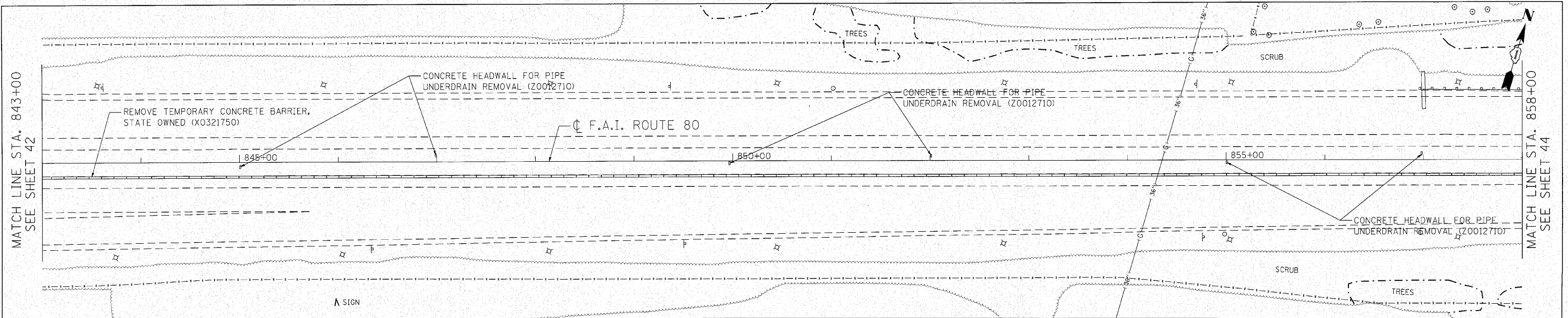
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 813+00 TO STA. 826+00



- 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"

TOP OF WALL	828+00	829+00	830+00	831+00	832+00	833+00	834+00	835+00	836+00	837+00	838+00	839+00	840+00	841+00	842+00	843+00																		
	698.55	698.96	699.41	699.93	700.54	701.16	701.79	702.44	703.05	703.70	704.40	705.01	705.62	706.26	706.90	707.56	708.22	708.86	709.48	710.11	710.77	711.42	712.05	712.70	713.32	713.97	714.61	715.25	715.88	716.53	717.16			
710																																		
705																																		
700																																		
695																																		
WB CMB BASE	695.05	695.46	695.91	696.43	697.01	697.66	698.29	698.94	699.55	700.20	700.85	701.51	702.12	702.74	703.40	704.06	704.72	705.35	705.98	706.60	707.27	707.92	708.55	709.18	709.82	709.97	710.47	711.07	711.75	712.38	713.03	713.66		
EB PGL	695.45	695.86	696.29	696.88	697.48	698.14	698.77	699.42	700.03	700.66	701.33	701.93	702.60	703.23	703.88	704.51	705.20	705.84	706.46	707.08	707.75	708.40	709.01	709.68	709.82	710.27	710.94	711.55	721.23	712.83	713.51	714.14		
WB PGL	695.37	695.77	696.29	696.86	697.51	698.14	698.77	699.38	700.03	700.66	701.33	701.93	702.59	703.23	703.85	704.51	705.17	705.84	706.47	707.09	707.73	708.34	709.01	709.68	709.82	710.27	710.93	711.59	712.21	712.85	713.48	714.11		
EB CMB BASE	695.05	695.46	695.91	696.43	697.01	697.66	698.29	698.94	699.55	700.20	700.85	701.51	702.12	702.74	703.40	704.06	704.72	705.35	705.98	706.60	707.27	707.92	708.55	709.18	709.82	709.97	710.47	711.07	711.75	712.38	713.03	713.66		
828+00	829+00	830+00	831+00	832+00	833+00	834+00	835+00	836+00	837+00	838+00	839+00	840+00	841+00	842+00	843+00																			

<p>Ciorba Group, Inc. CONSULTING ENGINEERS 6601 North Cumberland Avenue, Suite 402 Chicago, Illinois 60634 Tel: 773.775.4039 Fax: 773.775.4014 Email: ciorba@ciorba.com</p>	ENGINEERING CONSULTANT	DESIGNED - CRC	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">F.A.I. 80 FROM US 30 TO NS RAILROAD ROADWAY PLAN & PROFILE</p>	<p>F.A.I. RTE. 80</p>	<p>SECTION 99-5-Y</p>	<p>COUNTY WILL</p>	<p>TOTAL SHEETS 276</p>	<p>SHEET NO. 42</p>
	<p>USER NAME: acornwell</p> <p>PLOT SCALE: 50.0000' / IN.</p> <p>PLOT DATE: 10/27/2010</p>	<p>DRAWN - JMK</p> <p>CHECKED - MRJ</p> <p>DATE: 10/27/2010</p>	<p>REVISIED -</p> <p>REVISIED -</p> <p>REVISIED -</p>							

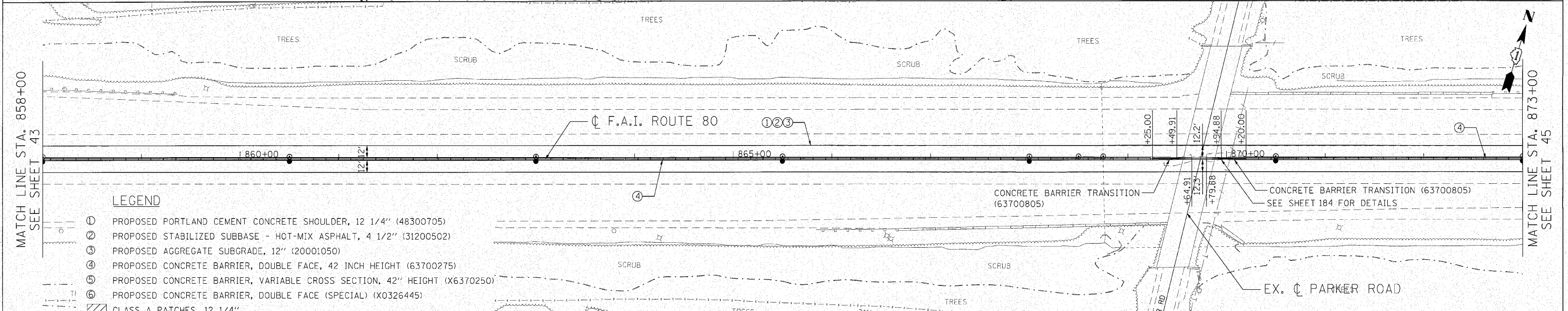
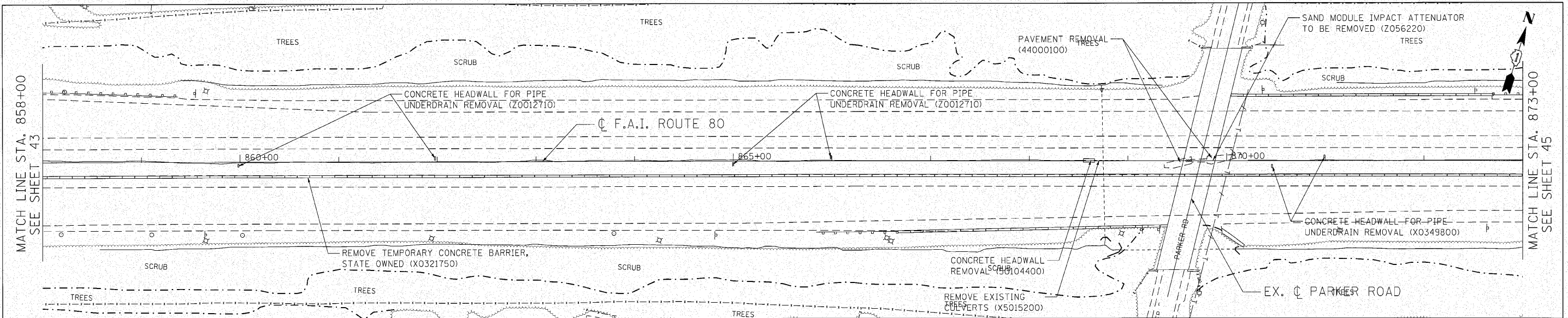


- LEGEND**
- ① PROPOSED PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
 - ② PROPOSED STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
 - ③ PROPOSED AGGREGATE SUBGRADE, 12" (20001050)
 - ④ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
 - ⑤ PROPOSED CONCRETE BARRIER, VARIABLE 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.

STA.	TOP OF WALL	PROF. TOP OF WALL	PROF. WB BASE OF WALL	PROF. EB BASE OF WALL	WB PCL	WB CMB BASE	EB PCL	EB CMB BASE
843+00	717.16				714.11	713.63	714.14	713.66
844+00	717.77				714.74	714.23	714.71	714.23
845+00	718.38				715.36	714.83	715.31	714.83
846+00	718.94				715.93	715.44	715.86	715.38
847+00	719.49				716.47	715.99	716.26	715.78
848+00	719.99				716.97	716.49	716.91	716.43
849+00	720.41				717.39	716.91	717.35	716.87
850+00	720.86				717.84	717.36	717.79	717.31
851+00	721.23				718.21	717.73	718.18	717.70
852+00	721.63				718.61	718.13	718.53	718.05
853+00	721.95				718.93	718.45	718.85	718.37
854+00	722.21				719.19	718.71	719.18	718.63
855+00	722.38				719.43	718.88	719.44	718.82
856+00	722.56				719.69	719.06	719.64	719.01
857+00	722.73				719.89	719.23	719.85	719.20
858+00	722.90				720.05	719.40	720.01	719.39
	723.08				720.18	719.58	720.13	719.58
	723.28				720.25	719.75	720.24	719.78
	723.41				720.28	719.57	720.26	719.60
	723.54				720.35	719.79	720.30	719.78
	723.51				720.34	720.01	720.27	719.97
	723.32				720.30	719.82	720.27	719.78
	723.14				720.21	719.63	720.19	719.60
	722.95				720.11	719.45	720.09	719.41
	722.76				719.92	719.26	719.94	719.23
	722.57				719.78	719.07	719.76	719.04
	722.36				719.57	718.86	719.54	718.86
	722.17				719.33	718.65	719.31	718.67
	721.99				719.01	718.45	719.08	718.49
	721.75				718.72	718.24	718.75	718.25
	721.42				718.40	717.92	718.39	717.91

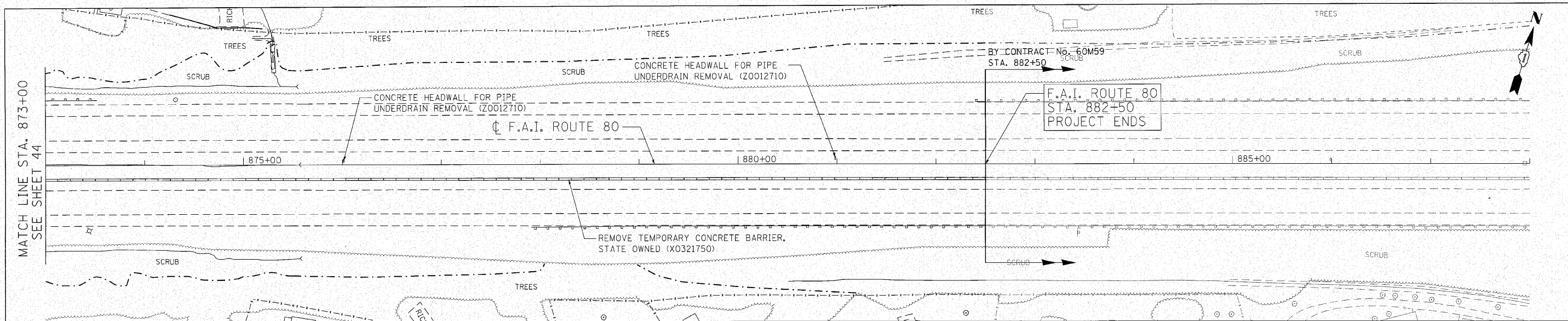
<p>Giorgio Group, Inc. CONSULTING ENGINEERS 5507 North Campbell Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4200 Fax: 773.775.4014 Email: cti@giorgio.com</p>	USER NAME = coarnwell PLOT SCALE = 58.0000' / IN. PLOT DATE = 10/27/2010	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD ROADWAY PLAN & PROFILE	F.A.I. 80 SECTION 99-5-Y COUNTY WILL CONTRACT NO. 60147	TOTAL SHEET NO. 276 SHEET NO. 43
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 843+00 TO STA. 858+00 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"

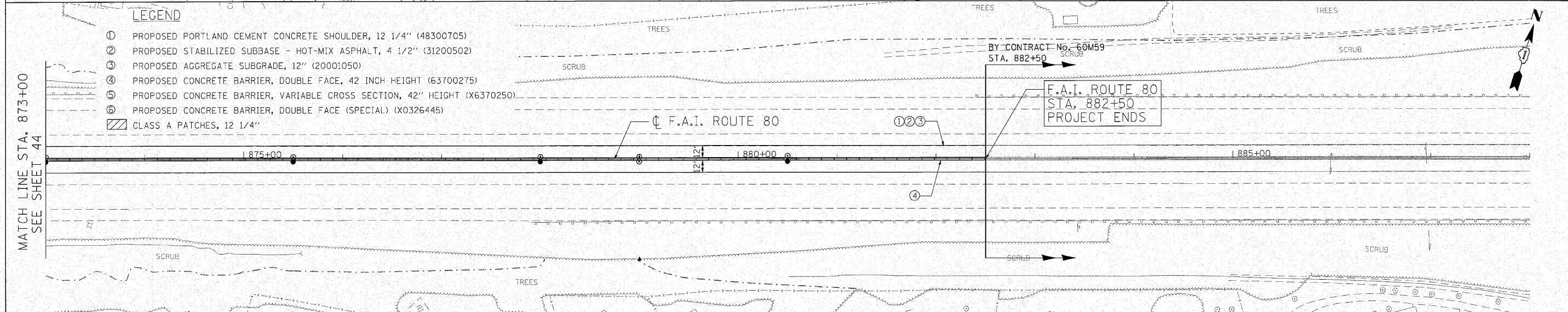
TOP OF WALL	858+00	859+00	860+00	861+00	862+00	863+00	864+00	865+00	866+00	867+00	868+00	869+00	870+00	871+00	872+00	873+00																																														
715	721.42	721.03	720.62	720.17	719.71	719.18	718.65	718.10	717.52	716.99	716.41	715.89	715.31	714.75	714.18	713.65	713.12	712.56	712.00	711.43	710.87	710.32	709.74	709.19	708.63	708.07	707.51	706.96	706.41	705.86	705.28																															
710																																																														
705																																																														
700																																																														
WB PCL	718.40	718.39	718.01	717.97	717.57	717.60	717.15	717.13	716.69	716.67	716.17	716.15	715.63	715.60	715.08	715.02	714.48	714.50	713.97	713.94	713.39	713.36	712.87	712.83	712.29	712.29	711.74	711.71	711.16	711.12	710.64	710.64	710.15	710.13	709.53	709.50	708.98	708.93	708.42	708.40	707.85	707.82	707.28	707.30	706.72	706.71	706.17	706.16	705.61	705.62	705.05	705.02	704.49	704.49	703.94	703.90	703.39	703.37	702.83	702.84	702.25	702.26
EB PCL	717.92	717.91	717.53	717.49	717.09	717.12	716.67	716.66	716.21	716.19	715.68	715.66	715.15	715.12	714.60	714.54	714.00	714.02	713.49	713.45	712.91	712.88	712.39	712.34	711.81	711.81	711.25	711.23	710.68	710.64	710.15	710.13	709.53	709.50	708.98	708.93	708.42	708.40	707.85	707.82	707.28	707.30	706.72	706.71	706.17	706.16	705.61	705.62	705.05	705.02	704.49	704.49	703.94	703.90	703.39	703.37	702.83	702.84	702.25	702.26		
WB CMB BASE	717.92	717.91	717.53	717.49	717.09	717.12	716.67	716.66	716.21	716.19	715.68	715.66	715.15	715.12	714.60	714.54	714.00	714.02	713.49	713.45	712.91	712.88	712.39	712.34	711.81	711.81	711.25	711.23	710.68	710.64	710.15	710.13	709.53	709.50	708.98	708.93	708.42	708.40	707.85	707.82	707.28	707.30	706.72	706.71	706.17	706.16	705.61	705.62	705.05	705.02	704.49	704.49	703.94	703.90	703.39	703.37	702.83	702.84	702.25	702.26		
EB CMB BASE	717.92	717.91	717.53	717.49	717.09	717.12	716.67	716.66	716.21	716.19	715.68	715.66	715.15	715.12	714.60	714.54	714.00	714.02	713.49	713.45	712.91	712.88	712.39	712.34	711.81	711.81	711.25	711.23	710.68	710.64	710.15	710.13	709.53	709.50	708.98	708.93	708.42	708.40	707.85	707.82	707.28	707.30	706.72	706.71	706.17	706.16	705.61	705.62	705.05	705.02	704.49	704.49	703.94	703.90	703.39	703.37	702.83	702.84	702.25	702.26		

<p>Giorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4009 Fax: 773.775.4014 Email: Chicago@giorba.com</p>	USER NAME = coornwell 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 NS RAILROAD ROADWAY PLAN & PROFILE	F.A.I. RTE - 80 SECTION - 99-5-Y COUNTY - WILL CONTRACT NO. 60147	TOTAL SHEETS - 276 SHEET NO. - 44
	PLLOT SCALE = 50.0000' / IN. PLLOT DATE = 10/27/2010			SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 858+00 TO STA. 873+00 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"

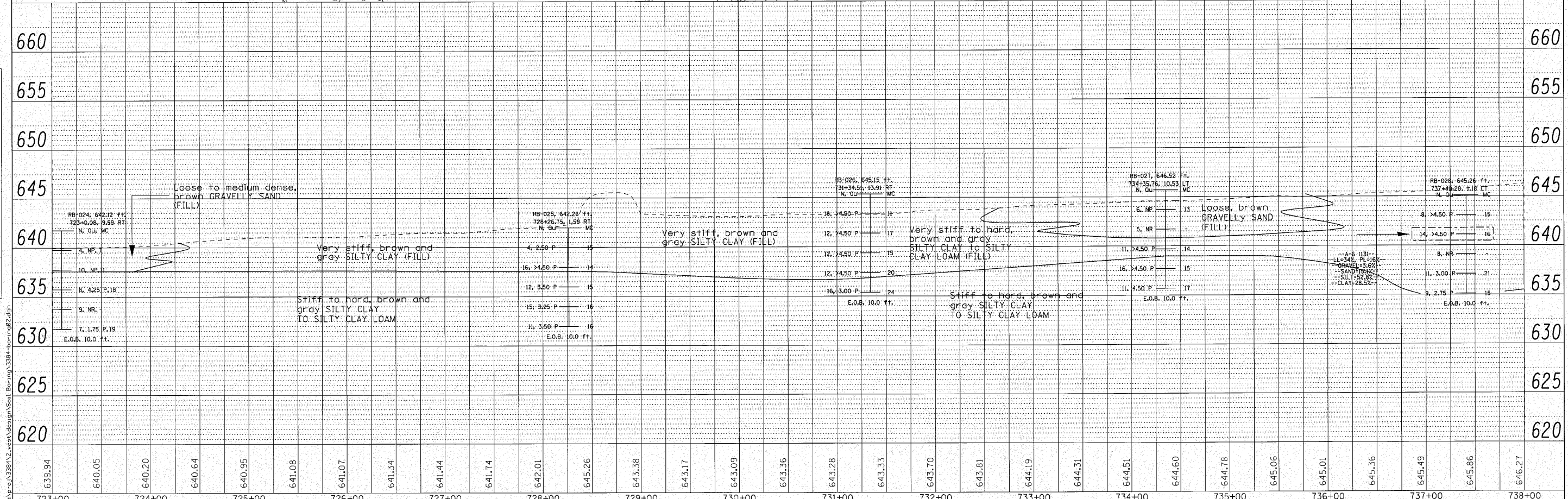
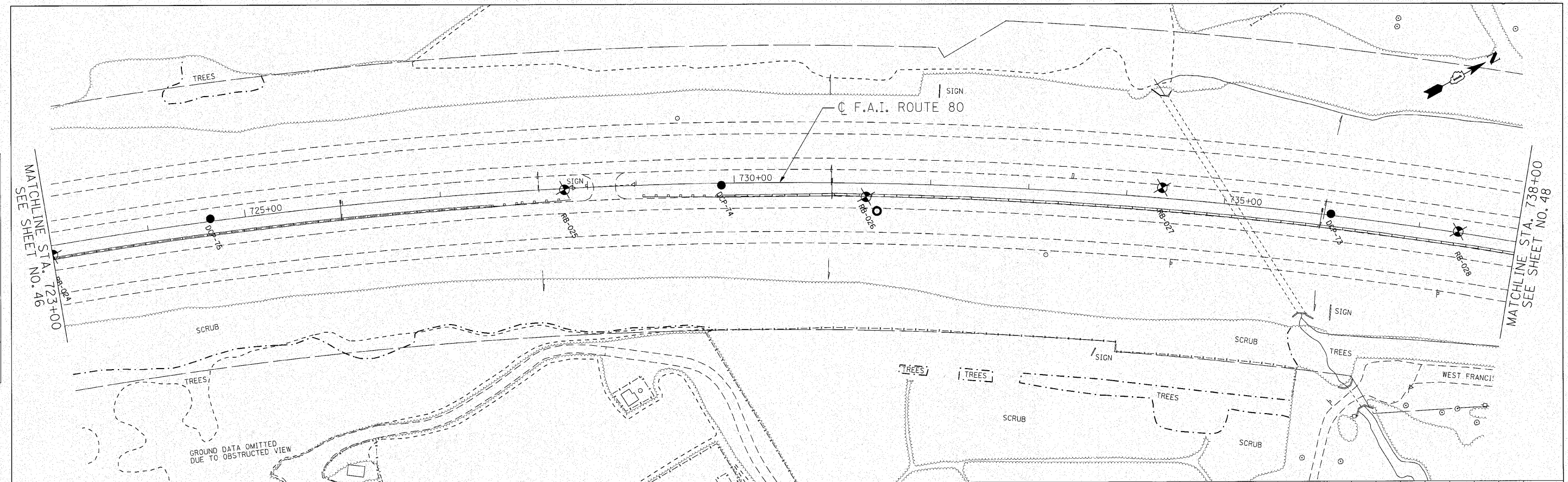


TOP OF WALL	700	695	690	685
873+00	705.28			
874+00	704.73			
875+00	703.10			
876+00	701.99			
877+00	700.87			
878+00	699.71			
879+00	698.65			
880+00	697.51			
881+00	696.35			
882+00	695.26			
883+00	694.15			
884+00	693.00			
885+00	691.87			
886+00	690.82			
887+00	689.95			
888+00	689.26	700		
873+00	702.25			
874+00	701.17			
875+00	700.08			
876+00	698.97			
877+00	697.85			
878+00	696.67			
879+00	695.53			
880+00	694.43			
881+00	693.33			
882+00	692.27			
883+00	691.13			
884+00	689.98			
885+00	688.85			
886+00	687.80			
887+00	686.84			
888+00	685.76	695		
873+00	701.78			
874+00	700.69			
875+00	699.52			
876+00	698.44			
877+00	697.32			
878+00	696.19			
879+00	695.05			
880+00	693.94			
881+00	692.85			
882+00	691.76			
883+00	690.65			
884+00	689.50			
885+00	688.37			
886+00	687.31			
887+00	686.45			
888+00	685.24	690		
873+00	701.77			
874+00	700.67			
875+00	699.47			
876+00	698.38			
877+00	697.24			
878+00	696.09			
879+00	694.99			
880+00	693.88			
881+00	692.75			
882+00	691.68			
883+00	690.54			
884+00	689.41			
885+00	688.28			
886+00	687.19			
887+00	686.09			
888+00	685.21	685		

<p>Giorgio Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4209 Fax: 773.775.4014 Email: ggiorgio@giorgio.com</p>	USER NAME = coarwell 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 NS RAILROAD ROADWAY PLAN & PROFILE	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 873+00 TO STA. 882+50	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL CONTRACT NO. 60147	TOTAL SHEETS NO. 276 SHEET NO. 45
	ENGINEERING CONSULTANT				ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 58.0808" / IN. PLOT DATE = 10/27/2010						

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	



723+00	724+00	725+00	726+00	727+00	728+00	729+00	730+00	731+00	732+00	733+00	734+00	735+00	736+00	737+00	738+00															
639.94	640.05	640.20	640.64	640.95	641.08	641.07	641.34	641.44	641.74	642.01	645.26	643.38	643.17	643.09	643.36	643.28	643.33	643.70	643.81	644.19	644.31	644.51	644.60	644.78	645.06	645.01	645.36	645.49	645.86	646.27

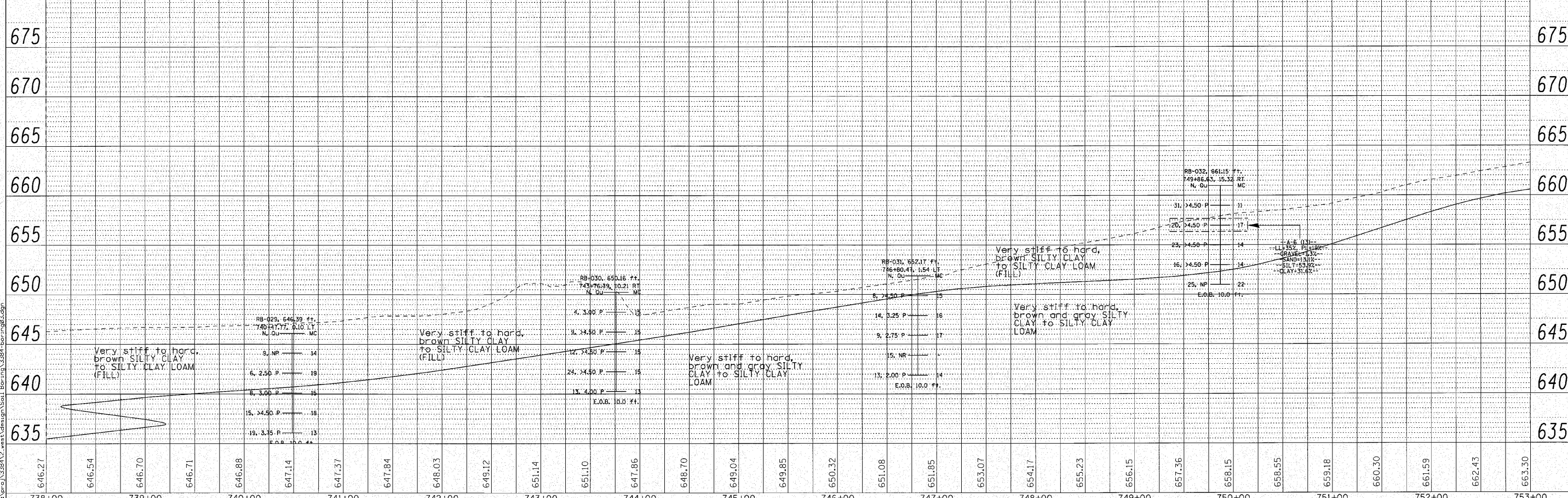
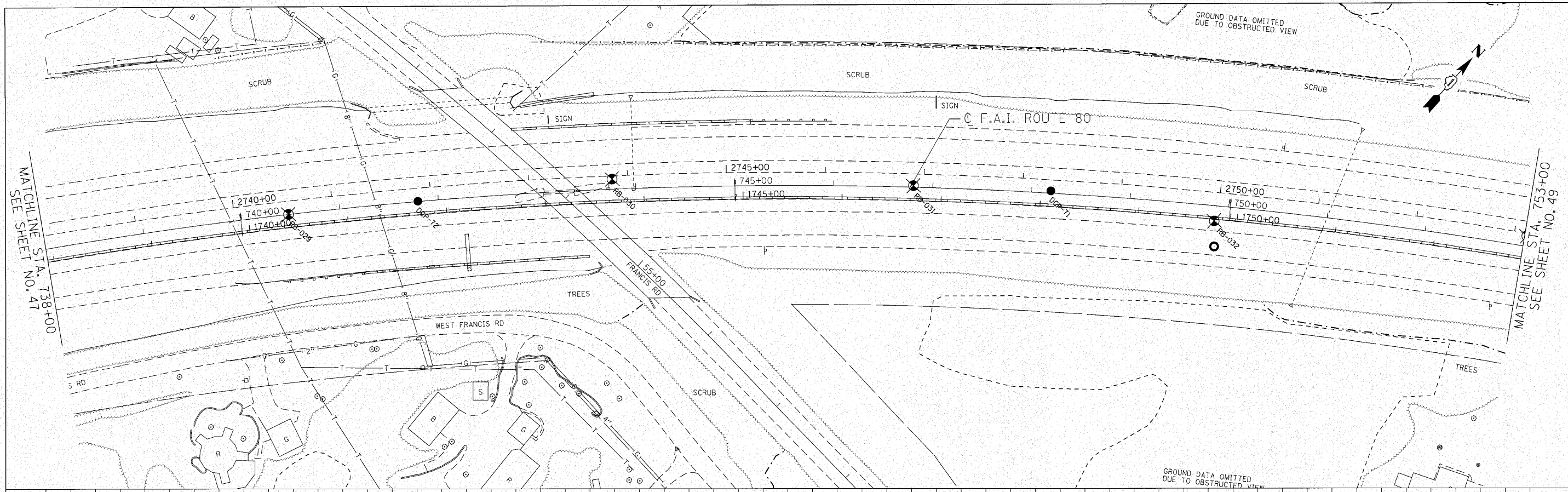
ENGINEERING CONSULTANT
CG **Clorba Group, Inc.**
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue, Suite 412
 Chicago, Illinois 60634
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: cgroup@clorba.com

USER NAME = cgroupwell	DESIGNED - CRC	REVISED -
PLLOT SCALE = 50.0000' / 1"	DRAWN - JMK	REVISED -
PLDT DATE = 10/27/2010	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. 723+00 TO STA. 738+00

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 47
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	



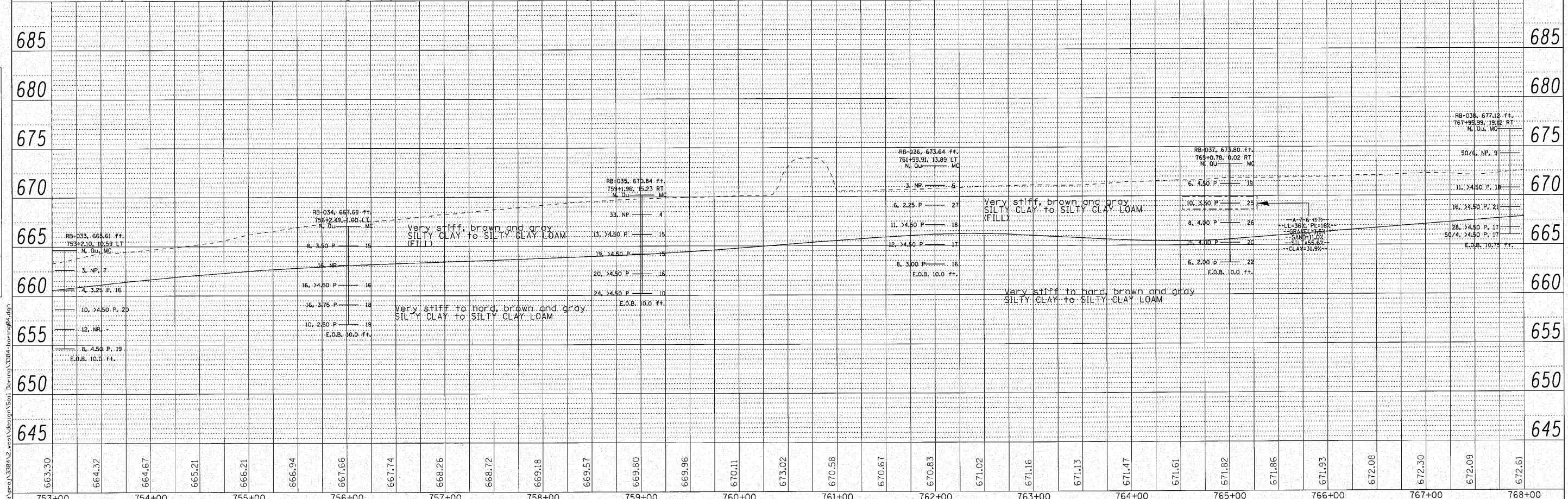
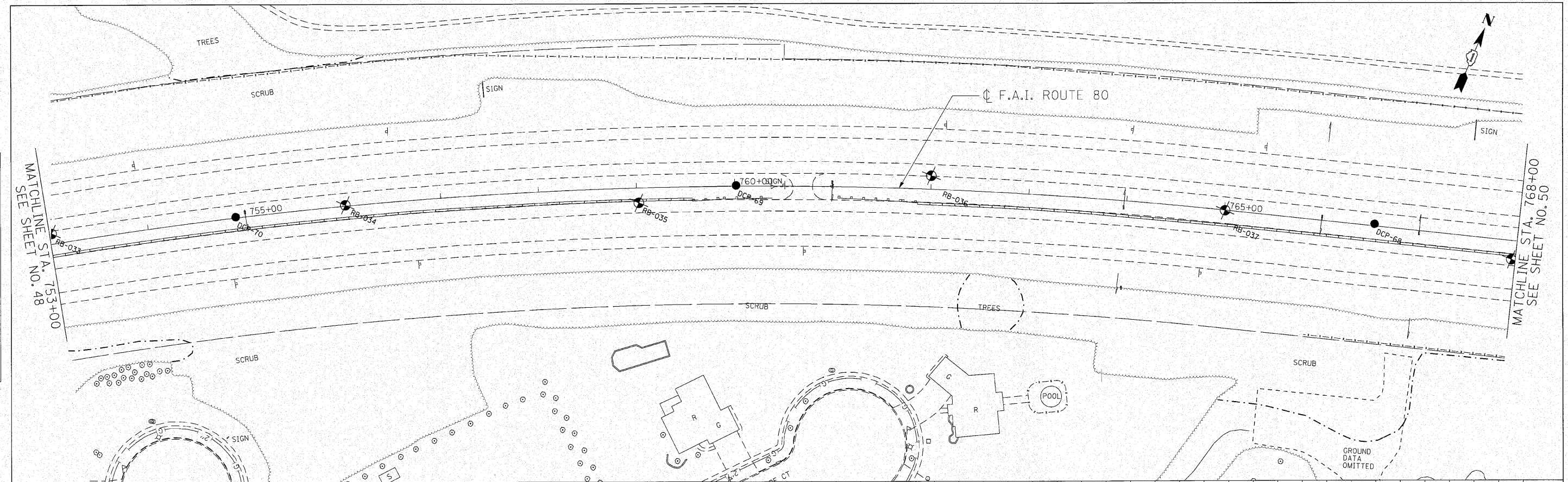
REVISION	DATE
PLANNED	
ALIGNED	
CHECKED	
NOTE BOOK	
NO.	
FILE NAME	

REVISION	DATE
PLANNED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS	
NOTE BOOK	
NO.	

738+00	739+00	740+00	741+00	742+00	743+00	744+00	745+00	746+00	747+00	748+00	749+00	750+00	751+00	752+00	753+00								
ENGINEERING CONSULTANT										F.A.I. RTE. 80		SECTION 99-5-Y		COUNTY WILL		TOTAL SHEETS 276		SHEET NO. 48					
Clorba Group, Inc. CONSULTING ENGINEERS 2527 North Campbell Avenue, Suite 422 Chicago, Illinois 60647 Tel: 773.775.4300 Fax: 773.775.4214 Email: cgroup@clorba.com										USER NAME = coarnwell 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				CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT	
PLOT SCALE = 50.0000' / IN. PLOT DATE = 10/27/2010										SCALE: 1" = 50'		SHEET NO. OF SHEETS		STA. 738+00 TO STA. 753+00									

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	
21.	
22.	
23.	
24.	
25.	
26.	
27.	
28.	
29.	
30.	
31.	
32.	
33.	
34.	
35.	
36.	
37.	
38.	
39.	
40.	
41.	
42.	
43.	
44.	
45.	
46.	
47.	
48.	
49.	
50.	
51.	
52.	
53.	
54.	
55.	
56.	
57.	
58.	
59.	
60.	
61.	
62.	
63.	
64.	
65.	
66.	
67.	
68.	
69.	
70.	
71.	
72.	
73.	
74.	
75.	
76.	
77.	
78.	
79.	
80.	

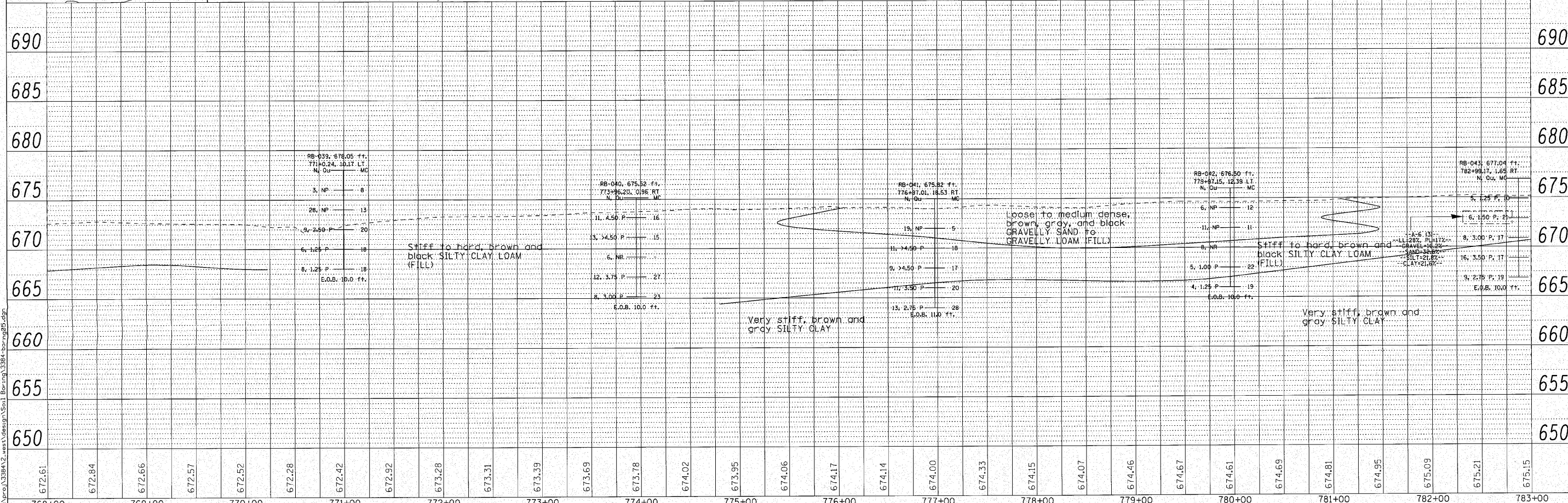
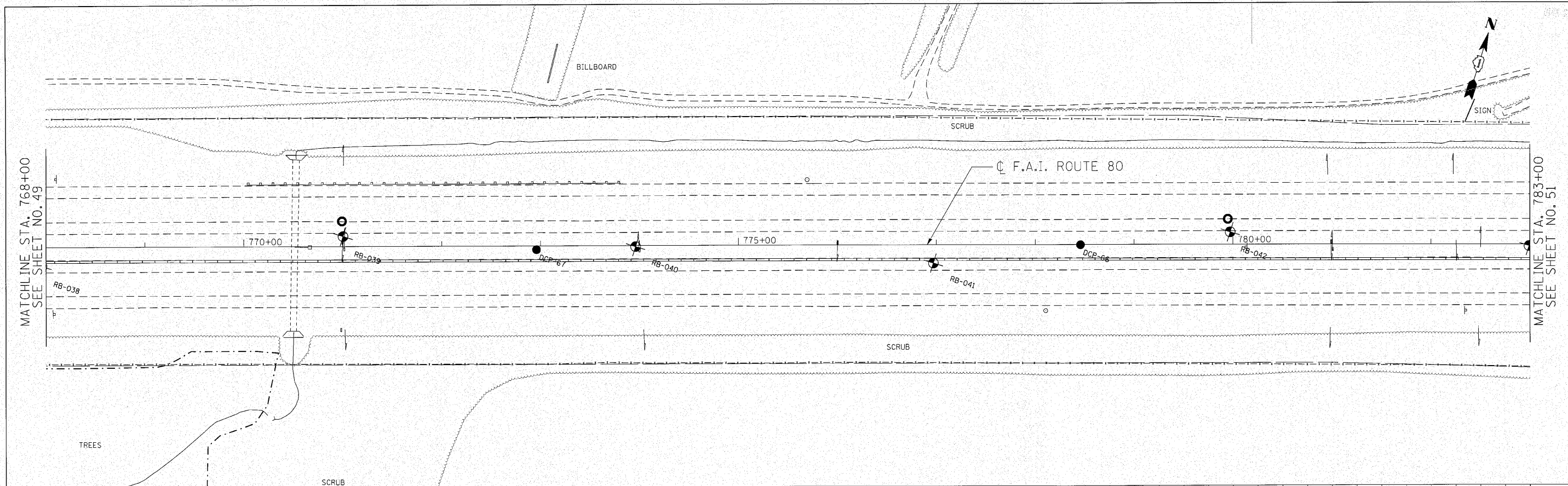
PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	
21.	
22.	
23.	
24.	
25.	
26.	
27.	
28.	
29.	
30.	
31.	
32.	
33.	
34.	
35.	
36.	
37.	
38.	
39.	
40.	
41.	
42.	
43.	
44.	
45.	
46.	
47.	
48.	
49.	
50.	
51.	
52.	
53.	
54.	
55.	
56.	
57.	
58.	
59.	
60.	
61.	
62.	
63.	
64.	
65.	
66.	
67.	
68.	
69.	
70.	
71.	
72.	
73.	
74.	
75.	
76.	
77.	
78.	
79.	
80.	



ENGINEERING CONSULTANT	USER NAME = coarwell	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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CONSULTING ENGINEERS	PLOT SCALE = 50.0/200 "/> IN.	DRAWN - JMK	REVISED -			80	99-5-Y	WILL	276	49	
6607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel: 773.775.4009 Fax: 773.775.4014 Email: Chicago@Ciorba.com	PLOT DATE = 10/27/2010	CHECKED - MRJ	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 753+00 TO STA. 768+00	CONTRACT NO. 60147		
		DATE - 10/27/2010	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	REVISION	DATE
NO.	NO.	
NOTE BOOK	ALIGNED	CHECKED
NO.	NO.	NO.
BY	BY	BY
DATE	DATE	DATE

PROFILE	DATE
NO.	
NOTE BOOK	CHECKED
NO.	NO.
BY	BY
DATE	DATE



768+00	769+00	770+00	771+00	772+00	773+00	774+00	775+00	776+00	777+00	778+00	779+00	780+00	781+00	782+00	783+00															
672.61	672.84	672.66	672.57	672.52	672.28	672.42	672.92	673.28	673.31	673.39	673.69	673.78	674.02	673.95	674.06	674.17	674.14	674.00	674.33	674.15	674.07	674.46	674.67	674.61	674.69	674.81	674.95	675.09	675.21	675.15

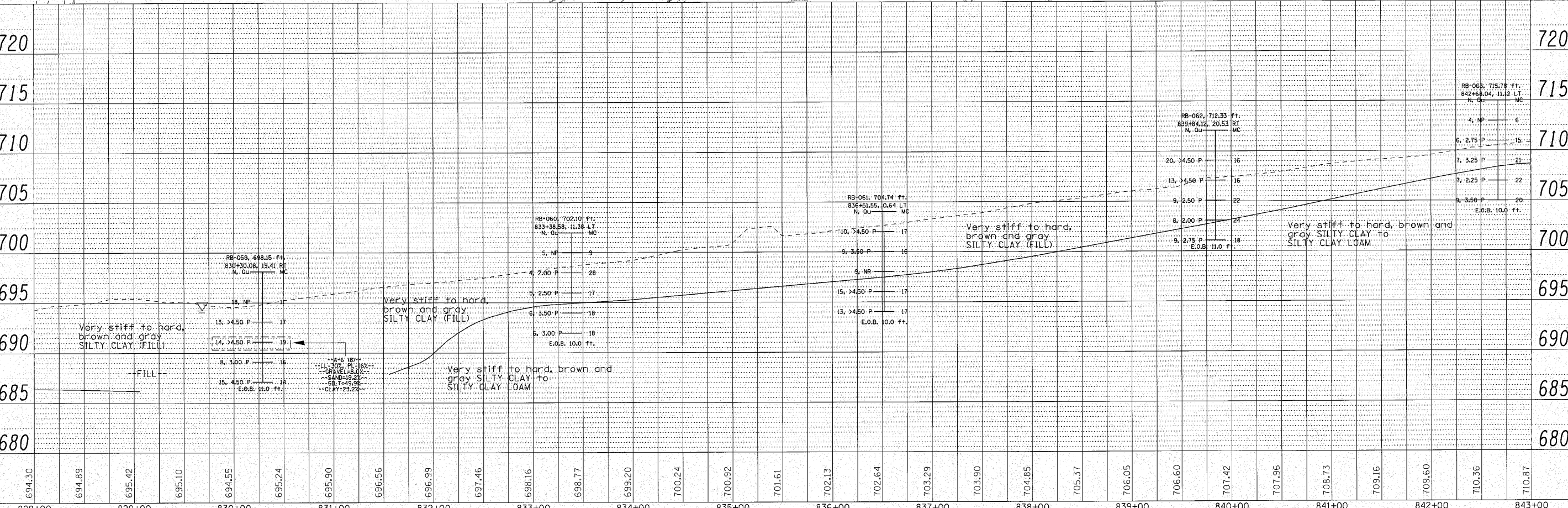
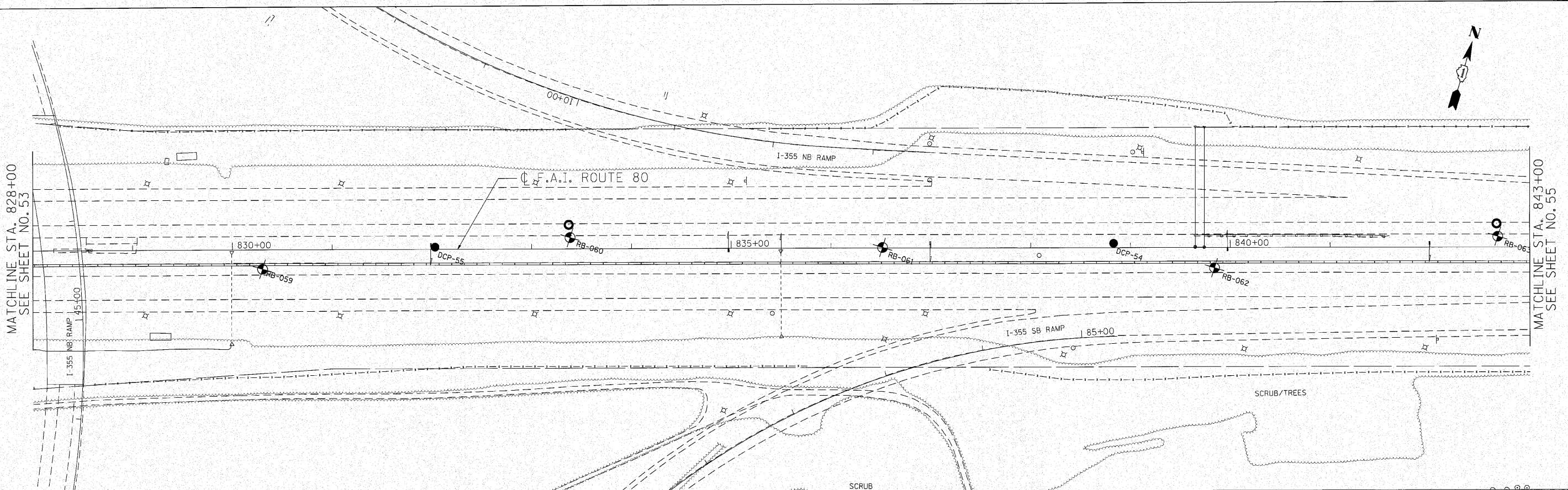
ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: ciorba@ciorba.com

USER NAME = coornewell	DESIGNED - CRC	REVISED -
PLLOT SCALE = 50.00000' / IN.	DRAWN - JMK	REVISED -
PLLOT DATE = 10/27/2010	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. 768+00 TO STA. 783+00

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 50
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	



DATE	BY
REVISIONS	
NO.	DESCRIPTION
1	ALIGNED CHECKED
2	NOTE BOOK
3	FIELD FILE NAME

DATE	BY
REVISIONS	
NO.	DESCRIPTION
1	GRADES CHECKED
2	BLM. NOTED
3	PROVIDE INDENTATION OFF

828+00	829+00	830+00	831+00	832+00	833+00	834+00	835+00	836+00	837+00	838+00	839+00	840+00	841+00	842+00	843+00															
694.30	694.89	695.42	695.10	694.55	695.24	695.90	696.56	696.99	697.46	698.16	698.77	699.20	700.24	700.92	701.61	702.13	702.64	703.29	703.90	704.85	705.37	706.05	706.60	707.42	707.96	708.73	709.16	709.60	710.36	710.87

ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 6527 North Cumberland Avenue, Suite 432
 Chicago, Illinois 60639
 Tel: 773.778.4039 Fax 773.778.4014
 Email: ciorba@ciorba.com

USER NAME = acornwell	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 10/27/2010	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. 828+00 TO STA. 843+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
80	99-5-Y	WILL	276 54
			CONTRACT NO. 60147
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 THE TRAFFIC PATTERN IN STAGE I.

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

STAGE I

CONSTRUCTION:
INSTALL CONCRETE MEDIAN BARRIER, PCC SHOULDER, INSIDE SHOULDER RUMBLE STRIPS, STABILIZED SUB-BASE, AGGREGATE SUBGRADE, OVERHEAD SIGN FOUNDATIONS AND STORM SEWER JACK STORM SEWER FROM OUTSIDE OF SHOULDER.

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.

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.

CONSTRUCTION OF OVERHEAD SIGN FOUNDATIONS TAKING PLACE BEYOND THE OUTSIDE SHOULDER SHALL BE PERFORMED UNDER IDOT STANDARD 701101.

STORM SEWER JACKING TAKING PLACE BEYOND THE OUTSIDE SHOULDER SHALL BE PERFORMED UNDER IDOT DISTRICT 1 STANDARD TC-17.

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:
REMOVE EXISTING PAVEMENT MARKING AND INSTALL PERMANENT PAVEMENT MARKING.

REMOVE THE EXISTING CANTILEVER STRUCTURE AT STATION 1096+80 AND THE "LANE ENDS" OVERHEAD SIGN AT STATION 1139+05. THE SIGNS MUST BE REMOVED PRIOR TO BEGINNING STAGE II WORK ON THE EAST CONTRACT.

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

WORK INVOLVING THE RELOCATION OF THE CANTILEVER STRUCTURE AND OVERHEAD SIGN SHALL BE PERFORMED UNDER IDOT STANDARD 701446.

STAGE II

CONSTRUCTION:
INSTALL OUTSIDE GUARDRAIL AND CULVERTS.

REGRADE DITCHES AS REQUIRED.

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 SHALL 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 III

CONSTRUCTION:
REMOVE AND REPLACE OVERHEAD SIGNS AT I-355 INTERCHANGE.

MAINTENANCE OF TRAFFIC:
NECESSARY LANE CLOSURES SHALL BE COORDINATED WITH IDOT.


n:\proj\3384\2_west\design\DOT\3384-staging-GenDescr.dwg

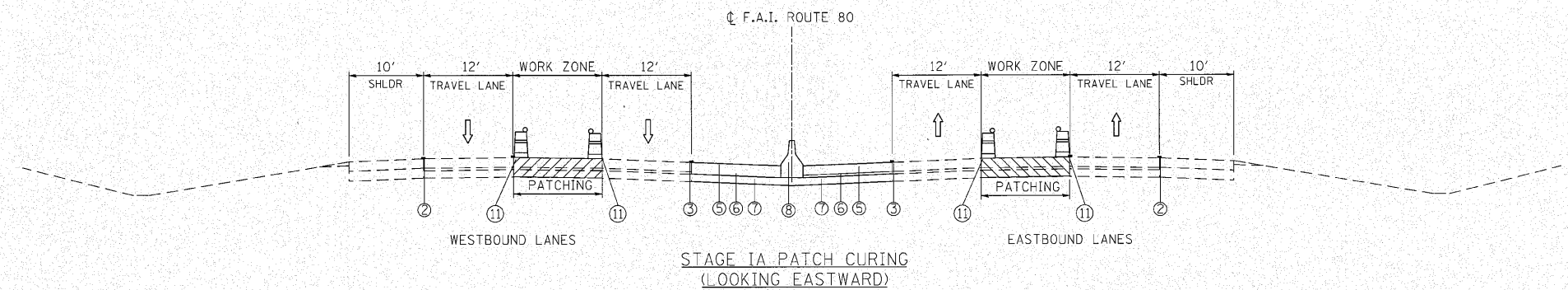
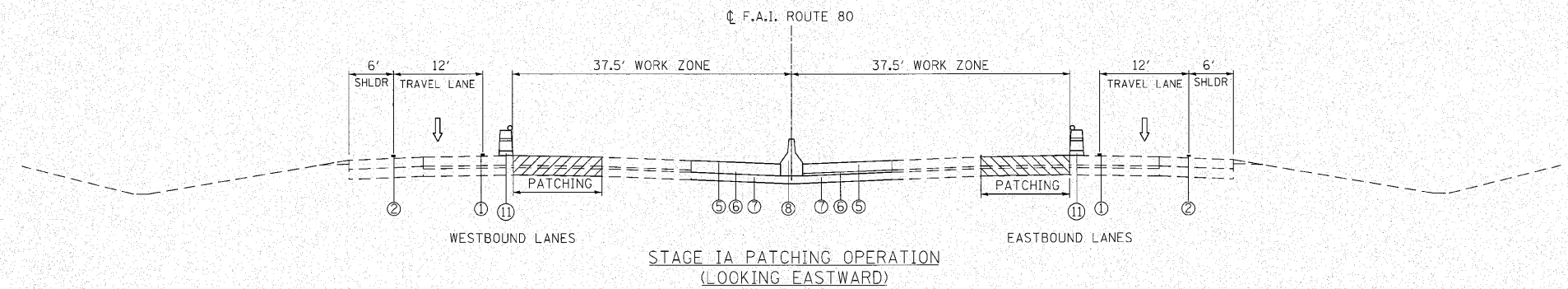
 ENGINEERING CONSULTANT Ciorba Group, Inc. CONSULTING ENGINEERS 8537 North Cumberland Avenue, Suite 402 Chicago, Illinois 60658 Tel: 773.775.4008 Fax: 773.775.4014 Email: info@ciorba.com	USER NAME = coornwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - GENERAL DESCRIPTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 1' / IN.	DRAWN - JMK	REVISED -			80	99-5-Y	WILL	276	58
	PLOT DATE = 10/27/2010	CHECKED - MRJ	REVISED -			CONTRACT NO. 60147		ILLINOIS FED. AID PROJECT		
		DATE - 10/27/2010	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA.	TO STA.

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. REMOVAL OF THE EXISTING CANTILEVER STRUCTURE AT STATION 1096+80 AND THE "LANE ENDS" OVERHEAD SIGN AT STATION 1139+05 SHALL BE COORDINATED WITH THE ENGINEER FOR THE ADJACENT CONTRACT TO THE EAST. THE SIGNS MUST BE REMOVED OR COVERED PRIOR TO BEGINNING STAGE II WORK ON THE EAST CONTRACT. WORK INVOLVING THE RELOCATION OF THE CANTILEVER STRUCTURE AND OVERHEAD SIGN SHALL BE PERFORMED UNDER IDOT STANDARD 701446.
14. ALL WORK INVOLVING THE RELOCATION OF OVERHEAD SIGN TRUSSES SHALL BE COORDINATED WITH IDOT & THE ILLINOIS STATE POLICE IN ORDER TO PERFORM A TEMPORARY NIGHTTIME SHUTDOWN OF ALL LANES. COORDINATION SHOULD BEGIN AT THE START OF THE CONTRACT TO ALLOW PROPER TIME FOR ADVANCED SCHEDULING OF THE SHUTDOWN.
15. 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.

n:\pro\13384\2\staging\staging\TrafficControl\TrafficControl.dgn

 ENGINEERING CONSULTANT USER NAME * coornwell DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010 PLLOT SCALE = 1/8000' / IN. PLLOT DATE = 10/27/2010	REVISIONS REVISIONS REVISIONS REVISIONS		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	80	99-5-Y			WILL	276	59			
				SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA.	TO STA.	
									CONTRACT NO. 60147	
									ILLINOIS FED. AID PROJECT	

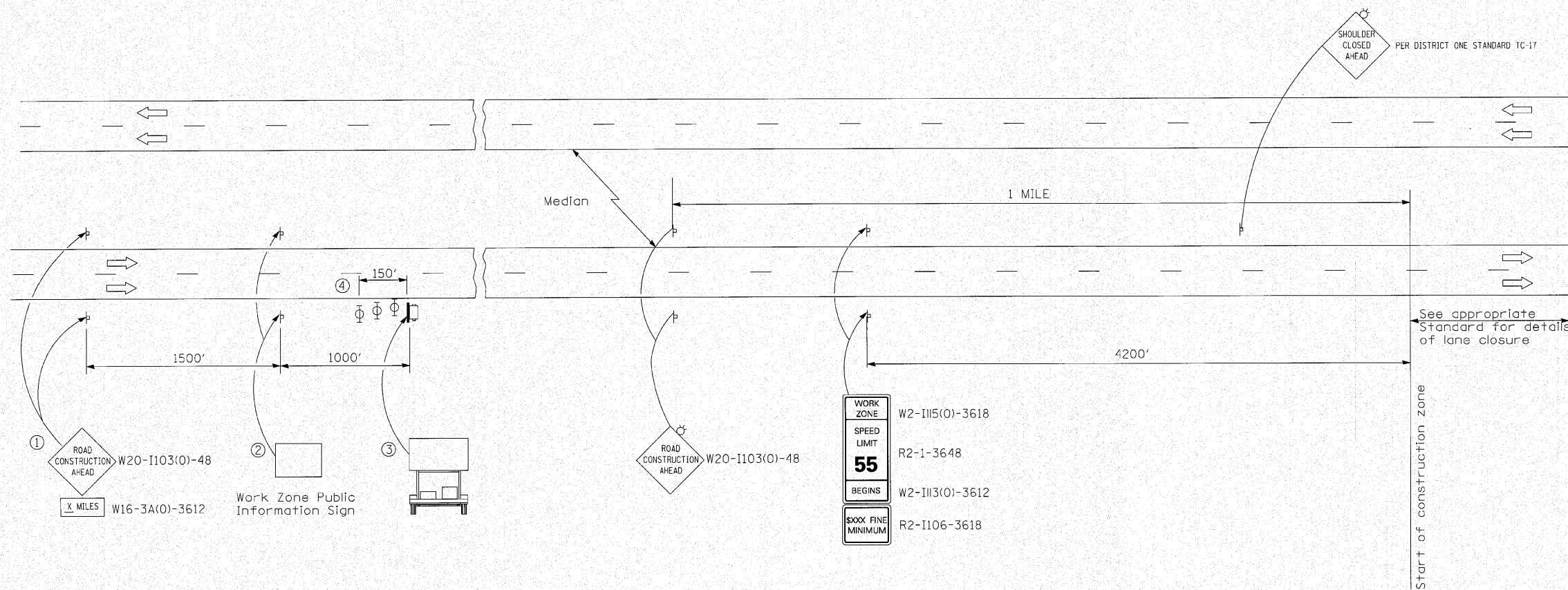


LEGEND

- 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

r:\yrc\13384\2_wes\design\DOT_13384\staging_traffic_control.dgn

	ENGINEERING CONSULTANT	USER NAME = oodmwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CONSULTING ENGINEERS	PLOT SCALE = 1/8" = 1' IN.	CHECKED - MRJ	REVISED -			80	99-5-Y	WILL	276	61
	PLOT DATE = 10/27/2010	DATE = 10/27/2010	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT											



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.

n:\mro\13842-west\design\MOI\MOI_Details\3384N-ah1-moideval3.dgn

ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 6607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4200 Fax: 773.775.4014
 Email: chicago@ciorba.com

USER NAME = ccornwell	DESIGNED - CRC	REVISED -
PLT SCALE = 0:15.240 m / IN.	DRAWN - JMK	REVISED -
PLT DATE = 10/27/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

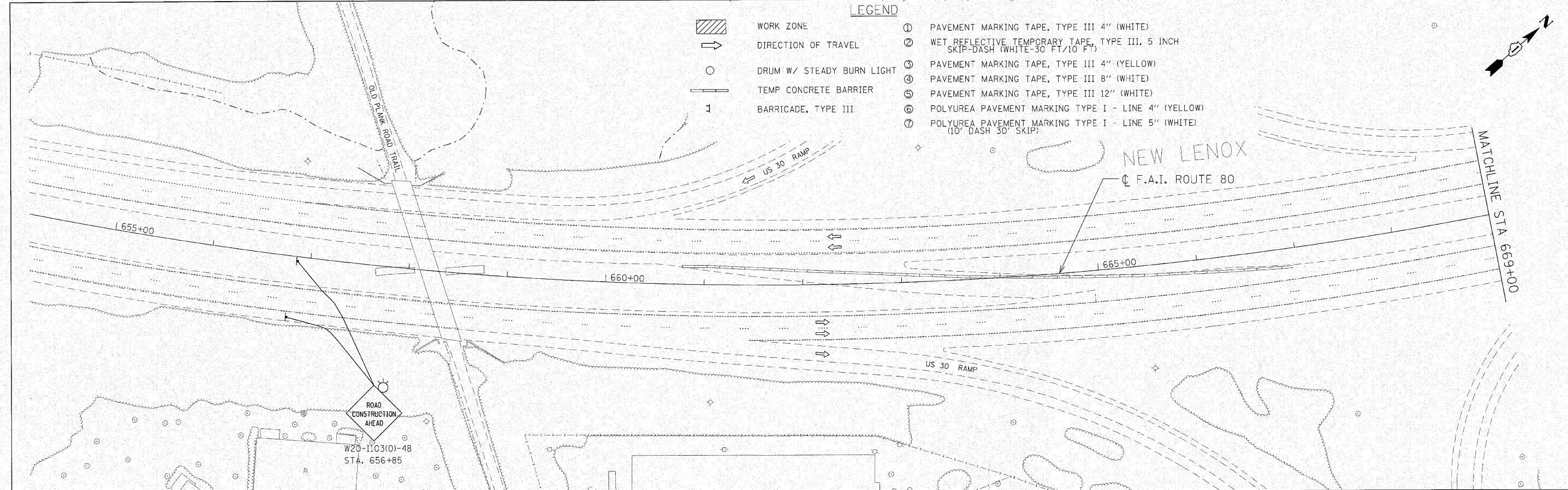
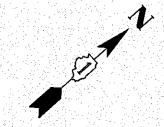
F.A.I. 80 FROM US 30 TO NS RAILROAD
CONSTRUCTION ZONE APPROACH DETAIL

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

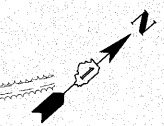
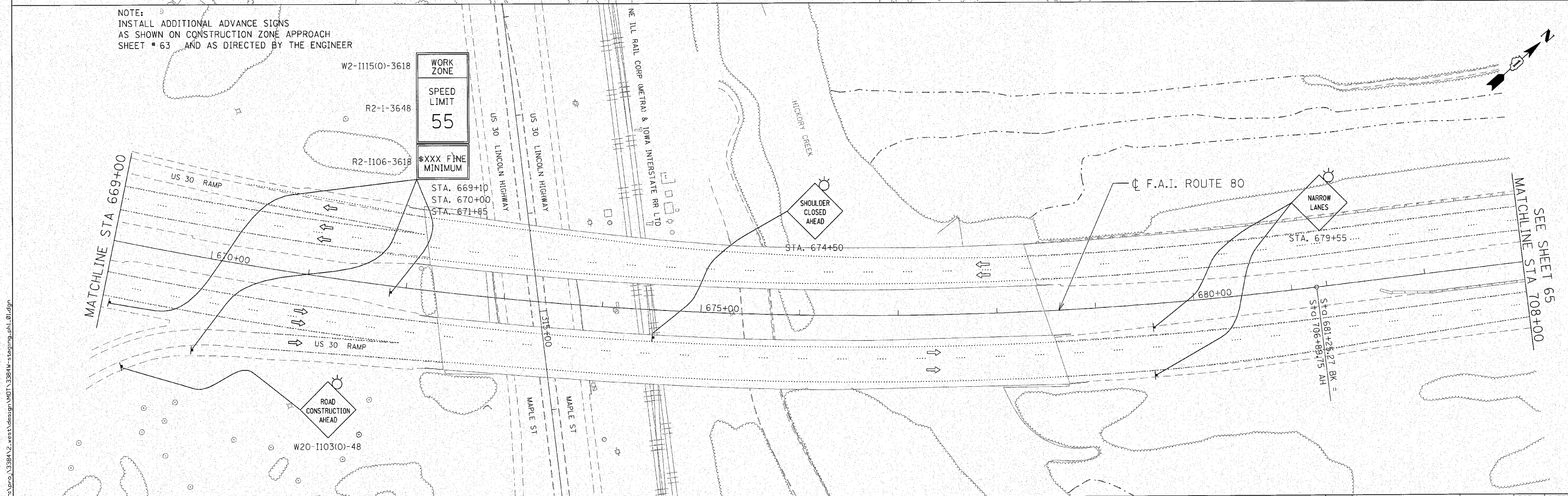
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	63
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	

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)



NOTE:
INSTALL ADDITIONAL ADVANCE SIGNS
AS SHOWN ON CONSTRUCTION ZONE APPROACH
SHEET # 63 AND AS DIRECTED BY THE ENGINEER



ENGINEERING CONSULTANT
 **Ciorba Group, Inc.**
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue, Suite 402
 Chicago, IL 60631
 Tel: 773.775.9000 Fax: 773.775.4014
 Email: chicago@ciorba.com

USER NAME = acornwell	DESIGNED - CRC	REVISED -
PLLOT SCALE = 50.0000' / 1" IN.	DRAWN - JMK	REVISED -
PLLOT DATE = 10/27/2010	CHECKED - MRJ	REVISED -
	DATE = 10/27/2010	REVISED -

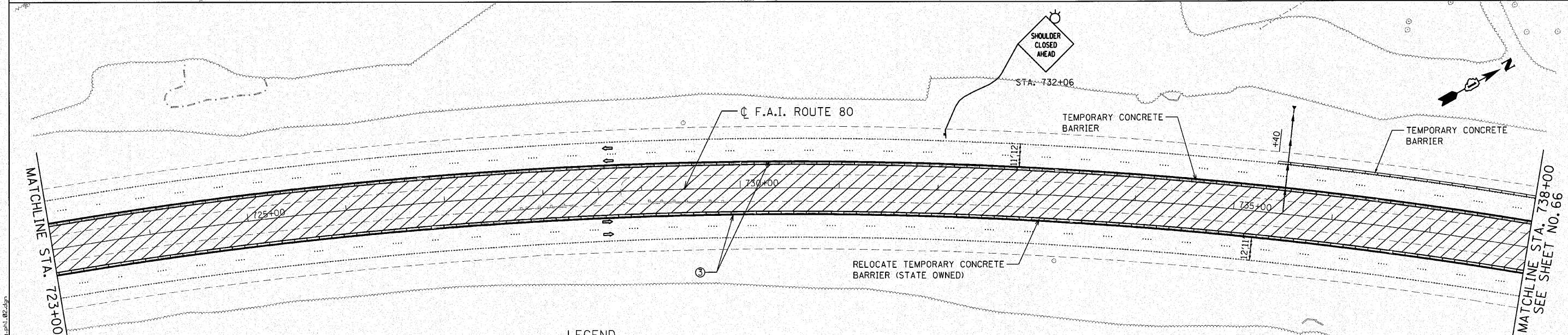
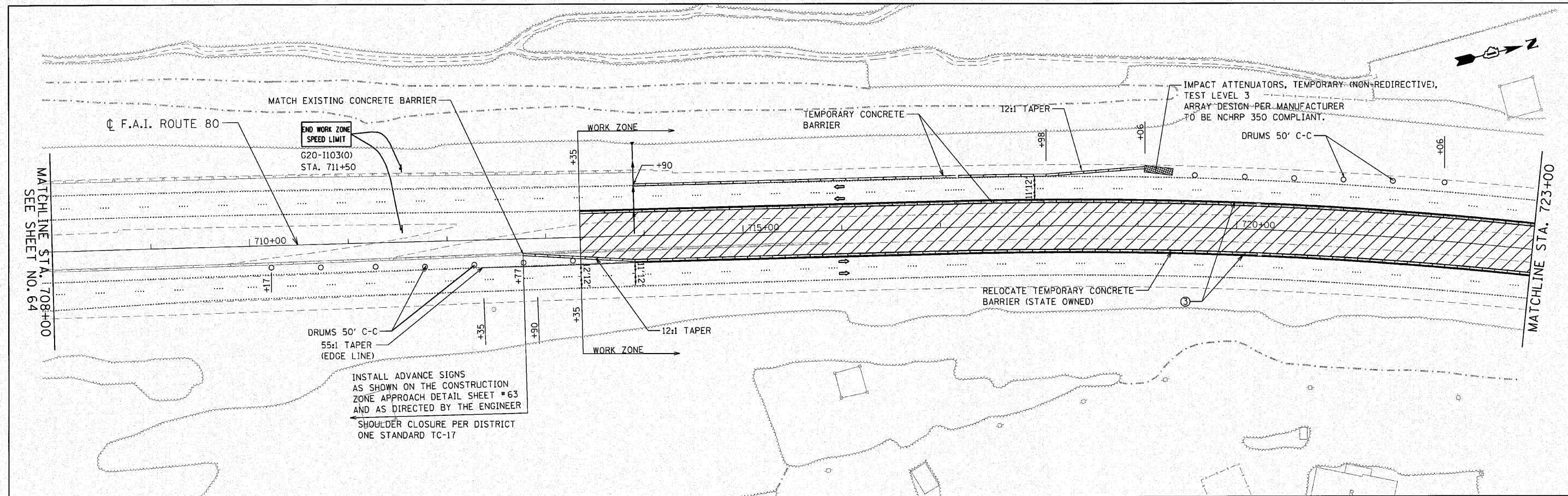
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 655+00 TO STA. 708+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	64
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

m:\pro_13384\2-west\drawings\W01\3384-staging.ph1_01.dgn



- 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
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: ciorba@cgib.com

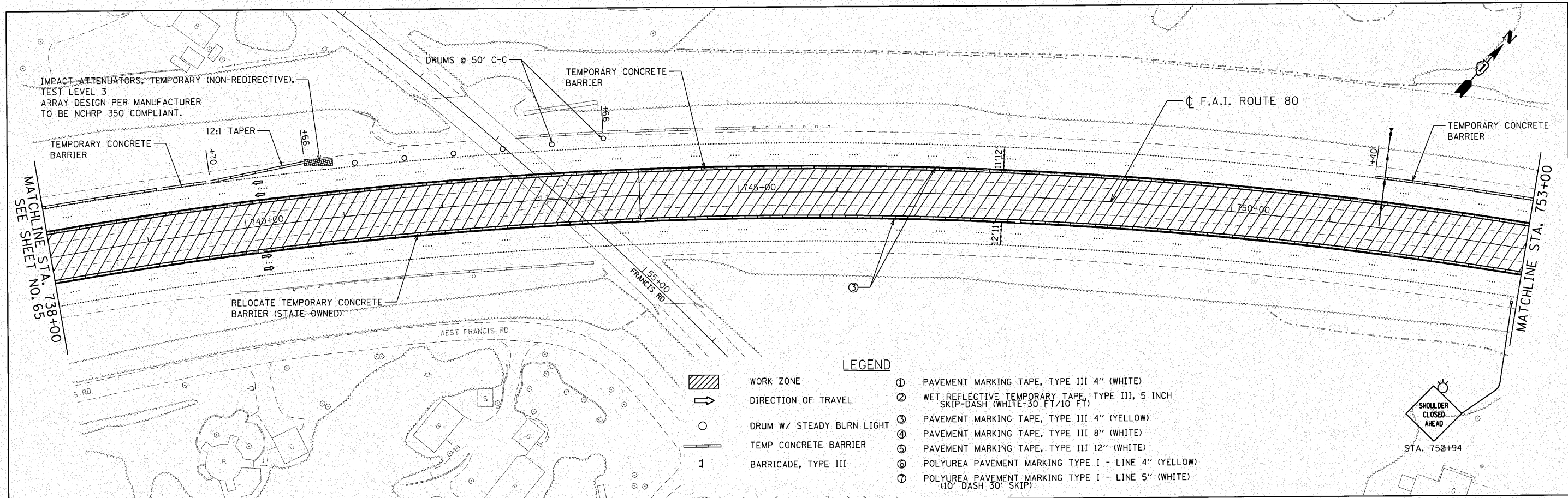
USER NAME = jk,jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50,000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/2/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

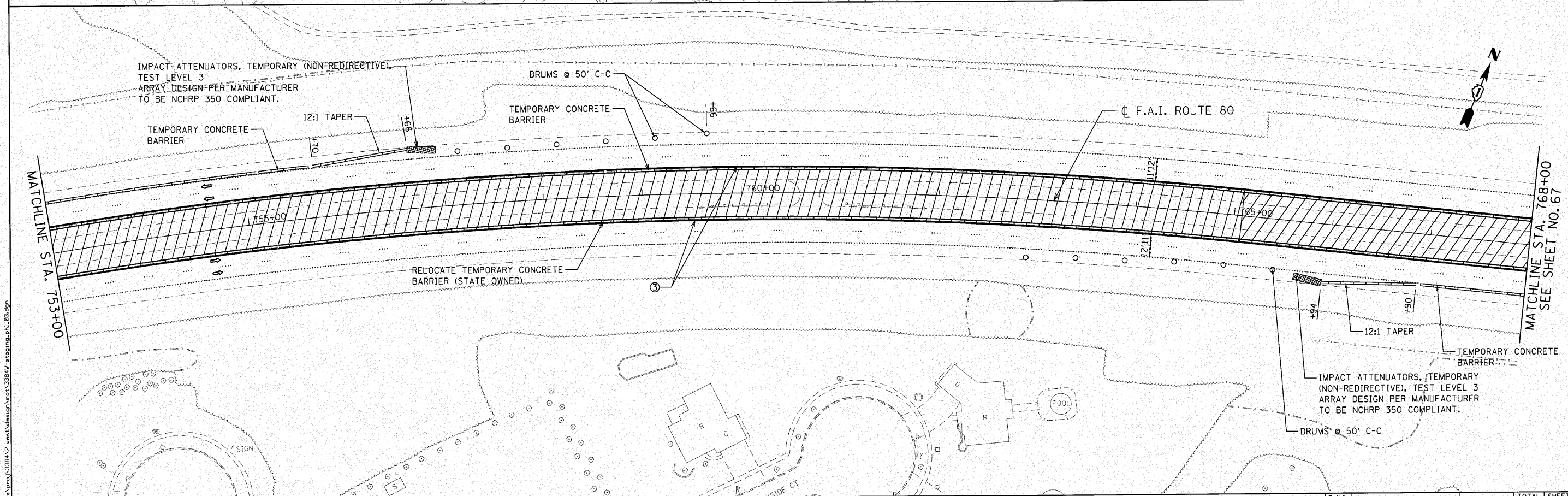
F.A.I. 80 FROM US 30 TO NS RAILROAD
STAGING AND TRAFFIC CONTROL - STAGE I

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 708+00 TO STA. 738+00

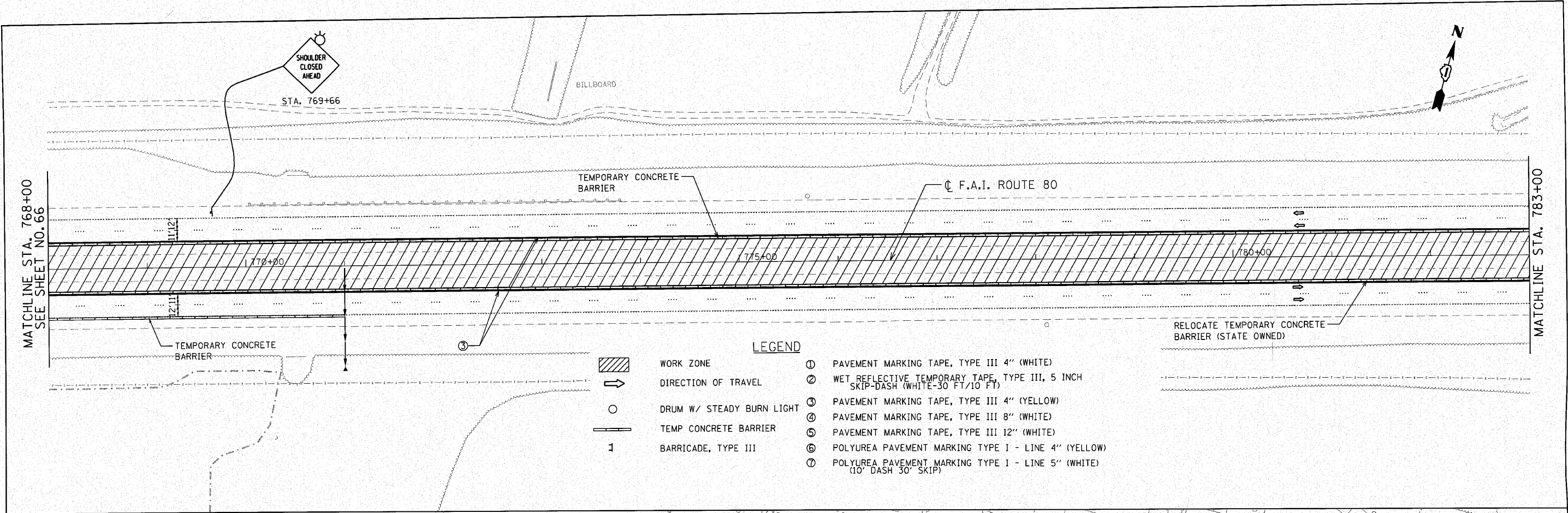
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	65
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	



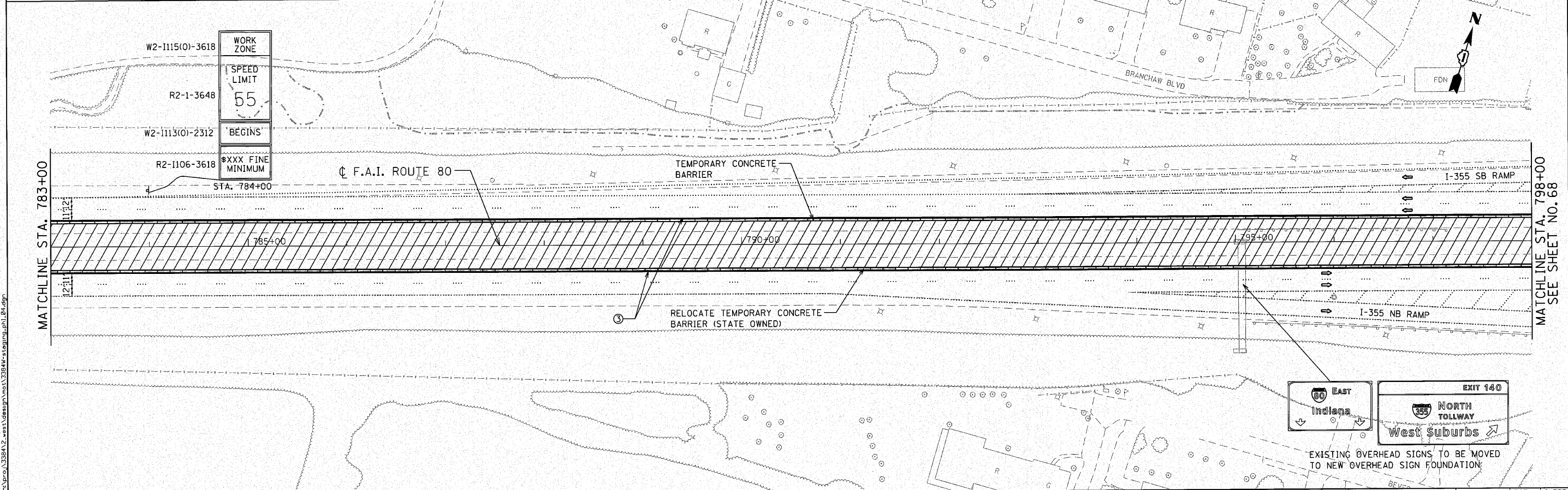
- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAVEL
 - DRUM W/ STEADY BURN LIGHT
 - TEMP CONCRETE BARRIER
 - BARRICADE, TYPE III
 - ① PAVEMENT MARKING TAPE, TYPE III 4" (WHITE)
 - ② WET REFLECTIVE TEMPORARY TAPE, TYPE III, 5 INCH SKIP-DASH (WHITE-30 FT/10 FT)
 - ③ PAVEMENT MARKING TAPE, TYPE III 4" (YELLOW)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



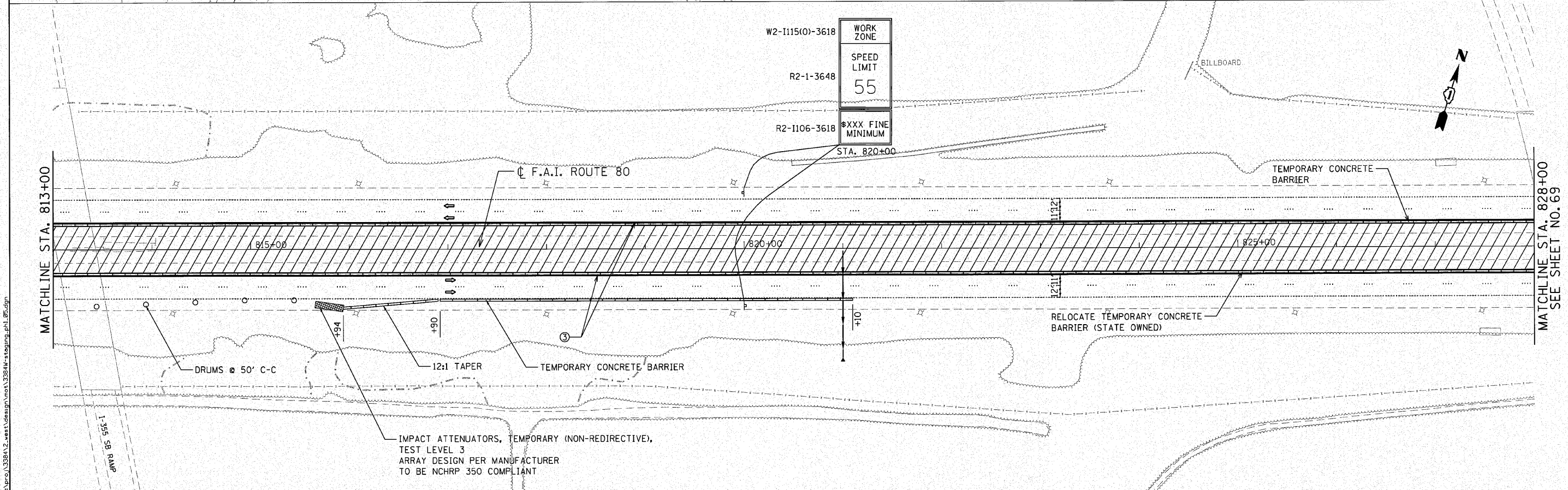
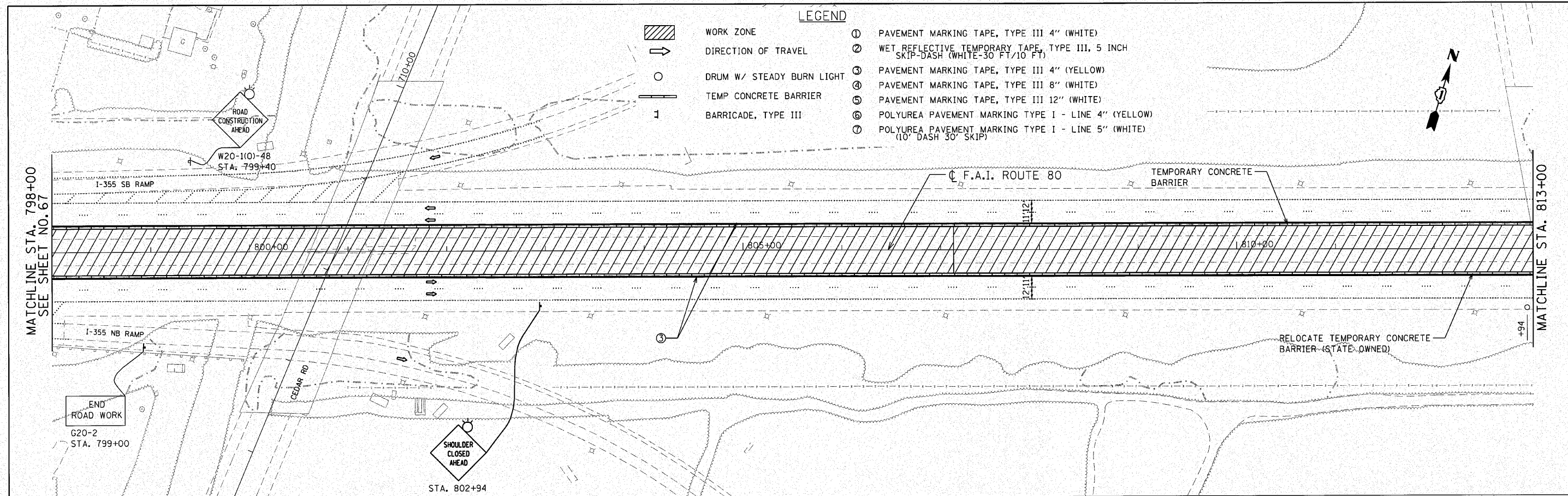
<p>ENGINEERING CONSULTANT Giorba Group, Inc. CONSULTING ENGINEERS 1501 North Cumberland Avenue, Suite 402 Chicago, IL 60642 Tel: 773.775.6956 Fax: 773.775.4014 Email: Chicago@Giorba.com</p>	USER NAME = jk_jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - STAGE I		F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 66
	PLOT SCALE = 50,0000' / IN.	CHECKED - MRJ	REVISIED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 738+00 TO STA. 768+00	CONTRACT NO. 60147		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 12/2/2010	DATE = 10/27/2010	REVISIED -								



- 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 USER NAME = jk.jeilman DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010</p>	<p>DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010</p>	<p>REVISED - REVISED - REVISED - REVISED -</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - STAGE I</p>	<p>SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 768+00 TO STA. 798+00</p>	<p>F.A.I. RTE. 80</p>	<p>SECTION 99-5-Y</p>	<p>COUNTY WILL</p>	<p>TOTAL SHEETS 276</p>	<p>SHEET NO. 67</p>
						<p>EXISTING OVERHEAD SIGNS TO BE MOVED TO NEW OVERHEAD SIGN FOUNDATION</p>				



ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel: 773.775.4200 Fax: 773.775.4014
 Email: cgroup@clorba.com

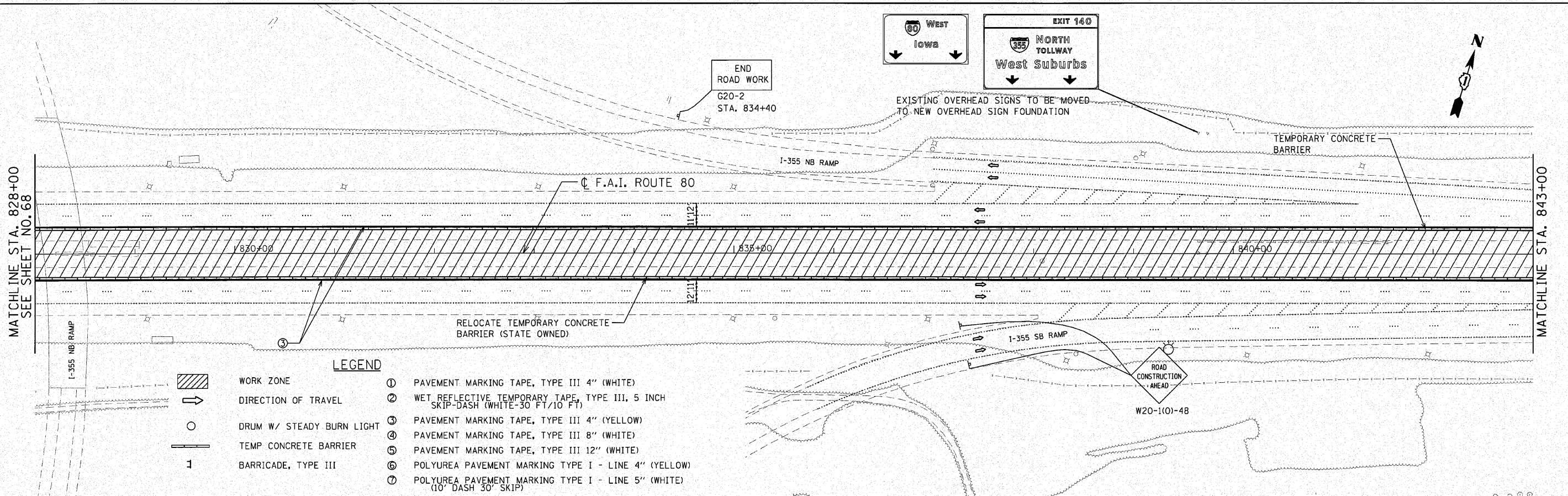
USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 58.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/2/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

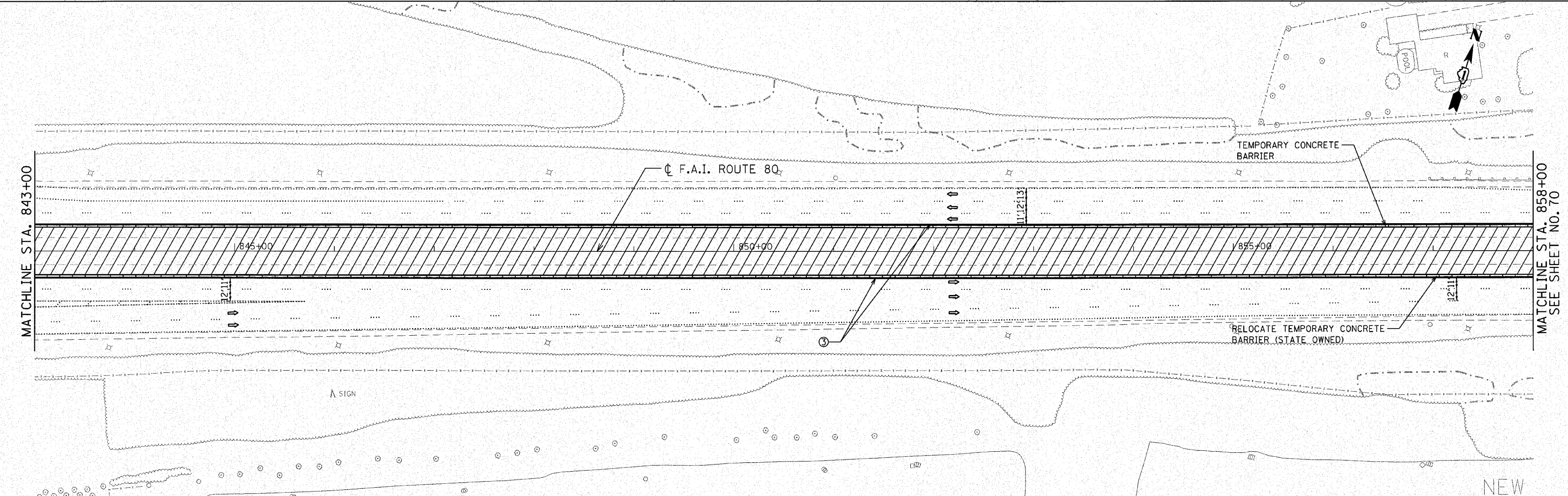
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 798+00 TO STA. 828+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	68
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	



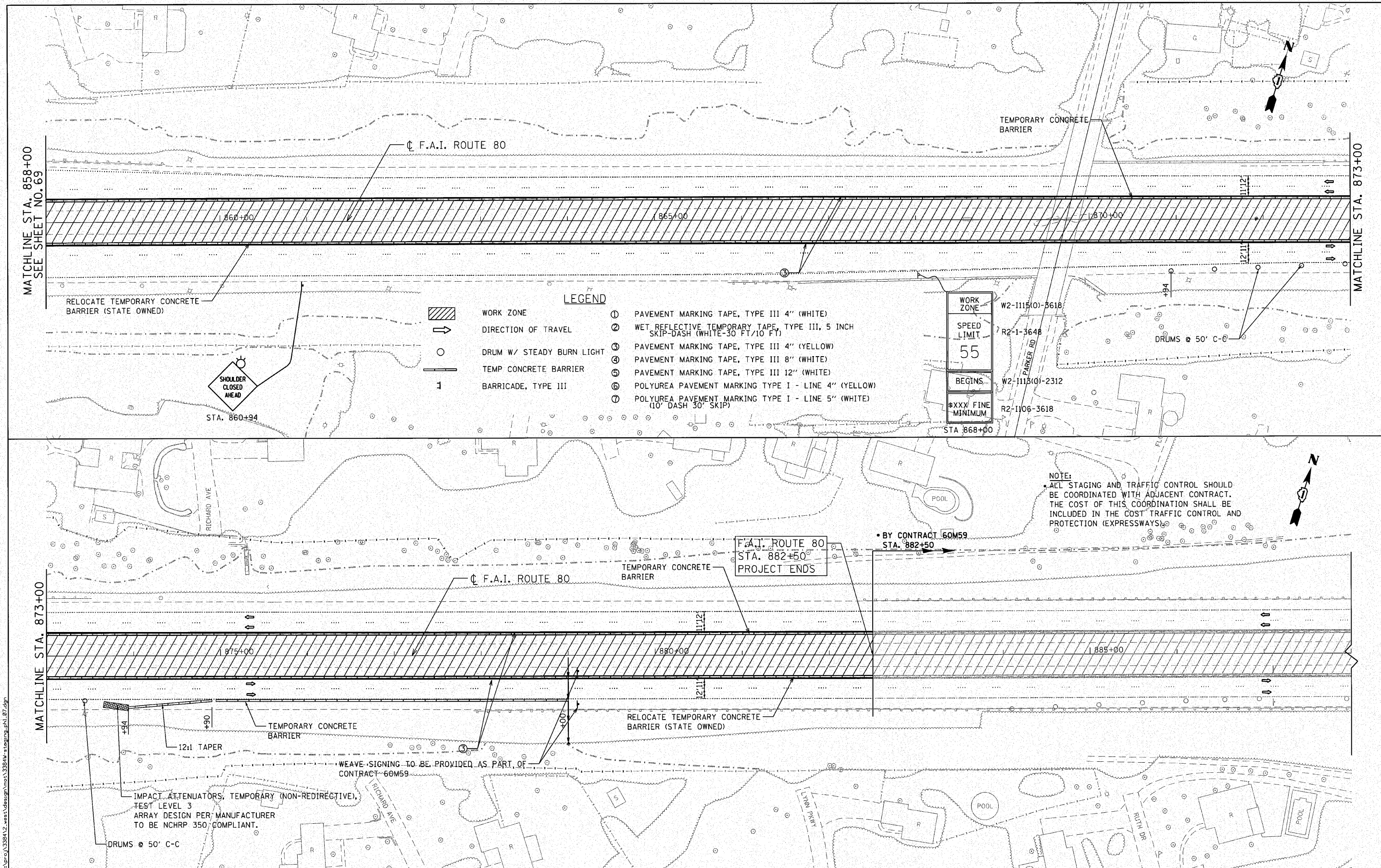
LEGEND

	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)



C:\Users\j33812\OneDrive\Documents\33812\33812.dwg

ENGINEERING CONSULTANT CONSULTING ENGINEERS <small>5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60639 Tel: 773.775.4305 Fax: 773.775.4014 Email: clorba@clorba.com</small>	USER NAME = jkellman	DESIGNED - CRC	REVISED -	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-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 69
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISED -			REVISED -	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 828+00 TO STA. 858+00	CONTRACT NO. 60147
	PLOT DATE = 12/2/2010	DATE - 10/27/2010	REVISED -							



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)

WORK ZONE
SPEED LIMIT
55
BEGINS
MINIMUM

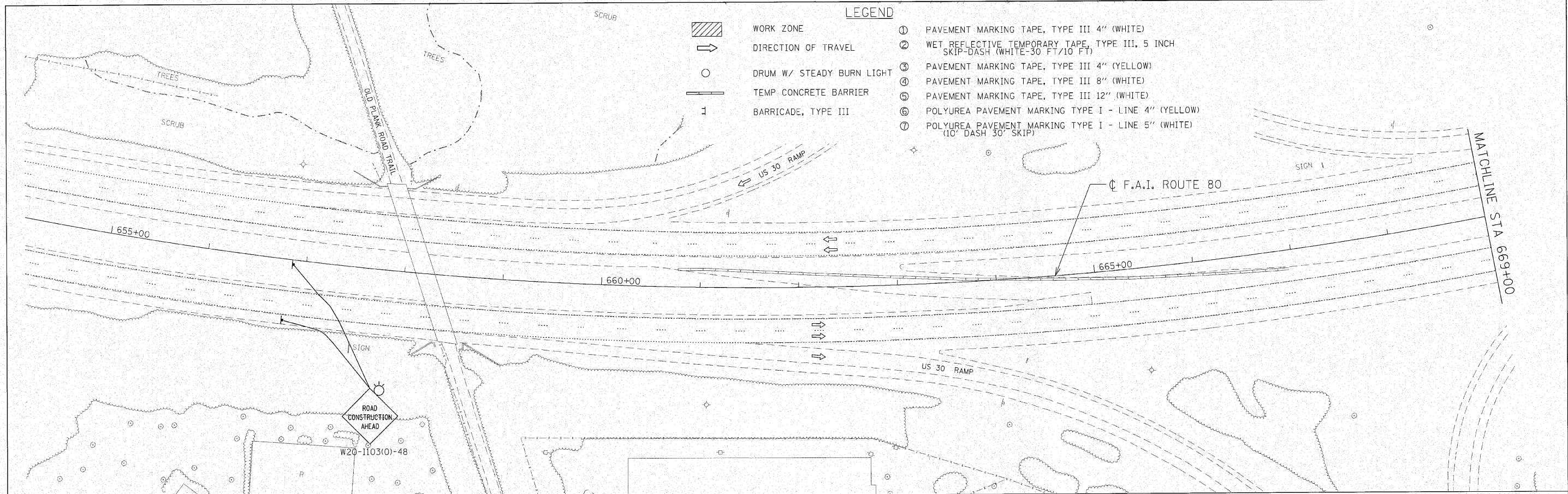
NOTE:
ALL STAGING AND TRAFFIC CONTROL SHOULD BE COORDINATED WITH ADJACENT CONTRACT. THE COST OF THIS COORDINATION SHALL BE INCLUDED IN THE COST TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

c:\p\c\3389A\2_west\design\mca\3389A\staging.phd_87.dgn

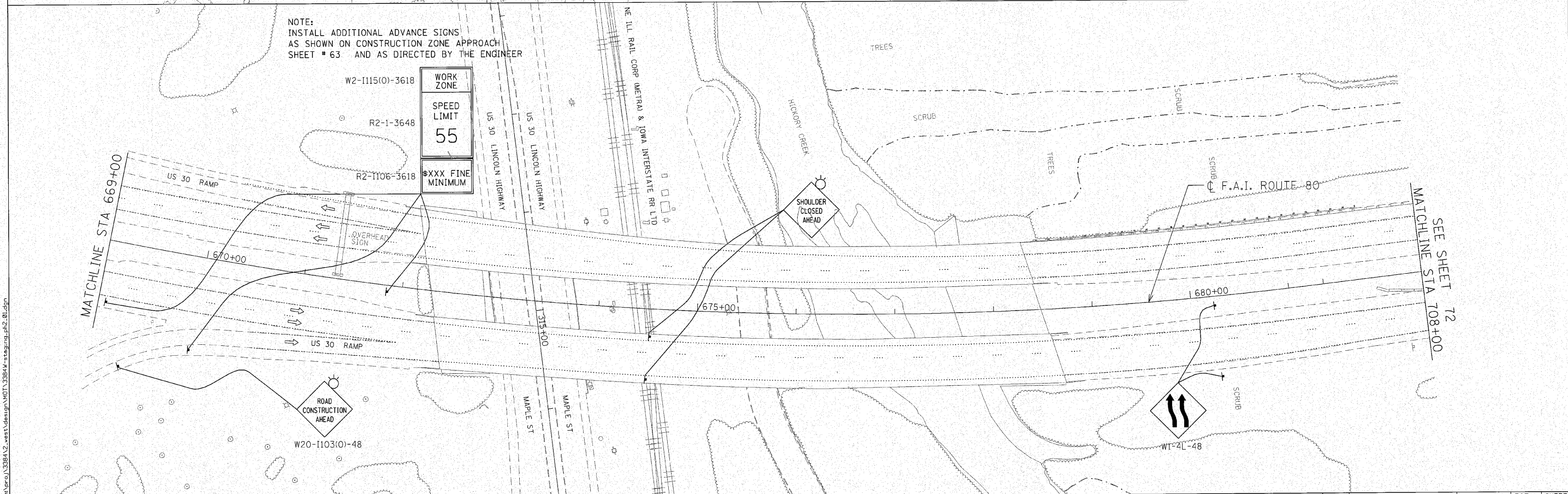
 Ciorba Group, Inc. CONSULTING ENGINEERS <small>5507 North Cicero Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: ciorba@ciorba.com</small>	USER NAME = jk,jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - STAGE I	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 70
	PLOT SCALE = 50,000' / IN.	CHECKED - MRJ	REVISED -			CONTRACT NO. 60147				
PLOT DATE = 12/2/2010	DATE = 10/27/2010	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 858+00 TO STA. 882+50	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
 - BARRICADE, TYPE III



NOTE:
INSTALL ADDITIONAL ADVANCE SIGNS
AS SHOWN ON CONSTRUCTION ZONE APPROACH
SHEET # 63 AND AS DIRECTED BY THE ENGINEER



ENGINEERING CONSULTANT

 Gorba Group, Inc.
 CONSULTING ENGINEERS
 6607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.772.4008 Fax: 773.775.4614
 Email: Chicago@gorba.com

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

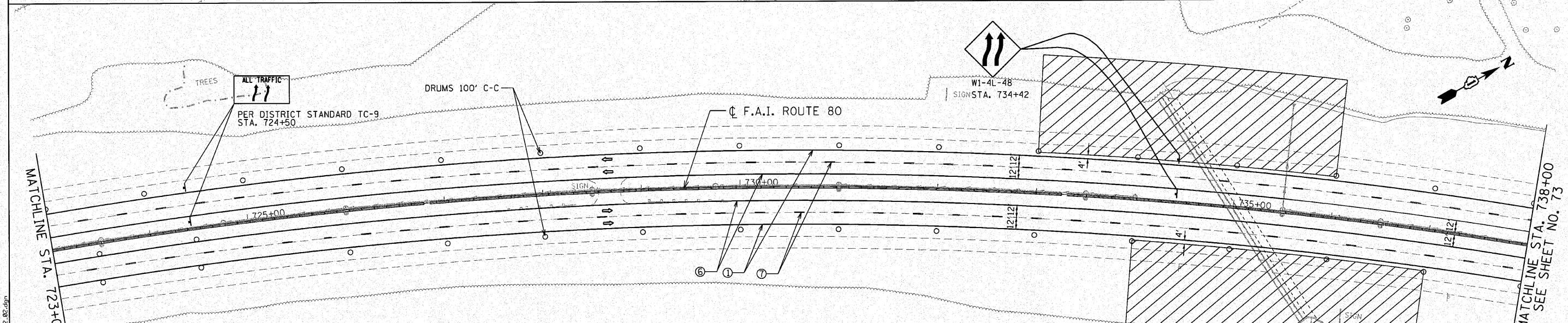
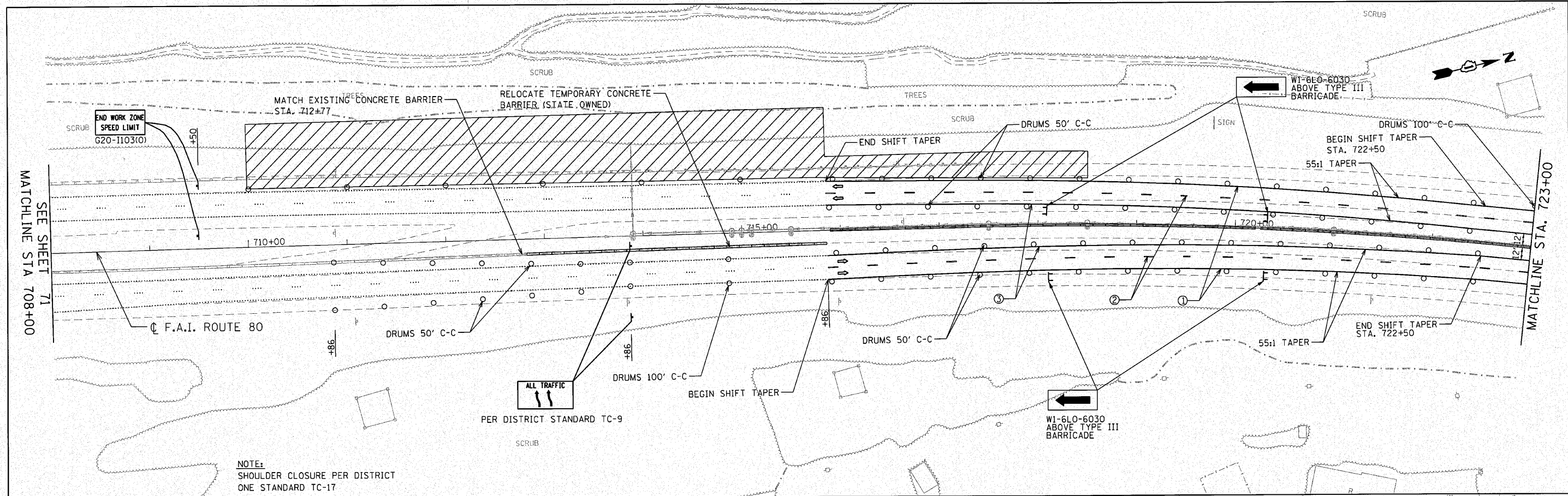
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 655+00 TO STA. 708+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	71
CONTRACT NO. 60147				
ILLINOIS FED. AID PROJECT				

m:\pro\133842-west\design\DOT\33842-staging.ph2.dwg



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
Gioba Group, Inc.
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60632
 Tel: 773.776.4000 Fax: 773.776.4014
 Email: ggroup@gioba.com

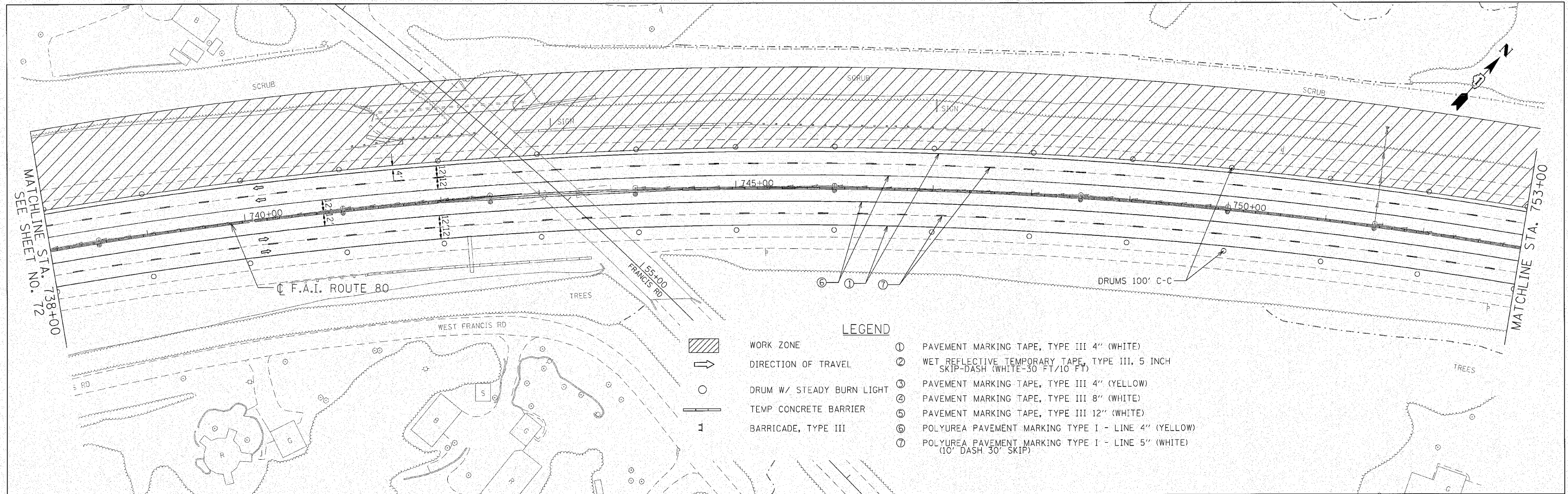
USER NAME = jkjoilman
 DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 PLOT SCALE = 50,0000' / IN.
 PLOT DATE = 12/2/2010
 DATE = 10/27/2010

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

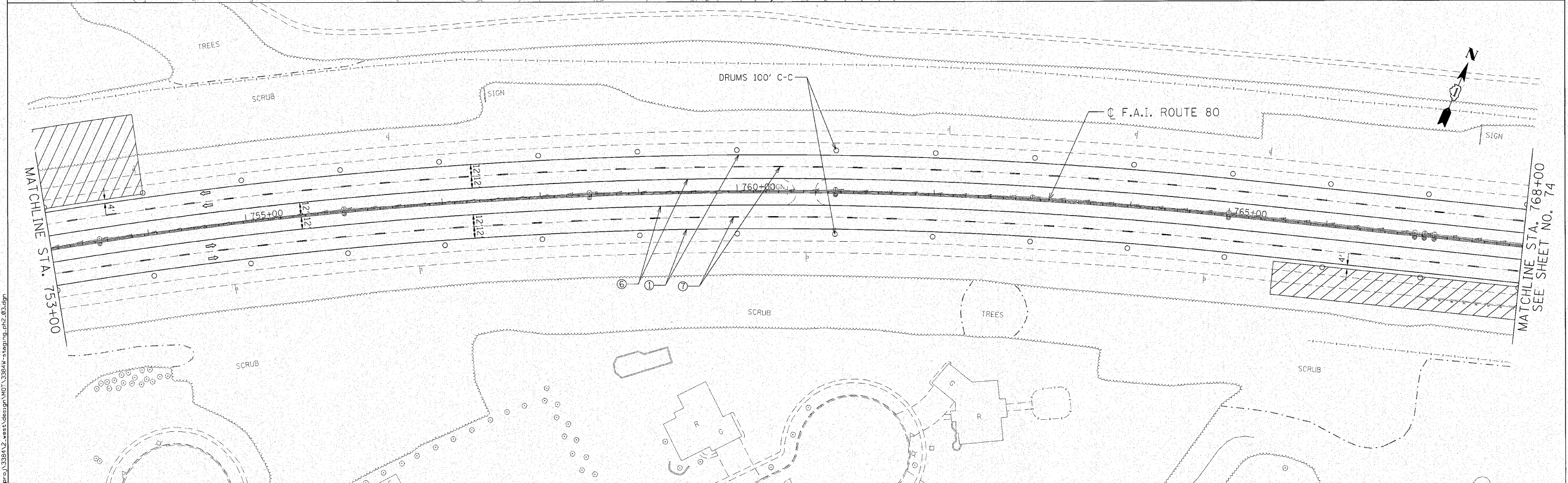
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
STAGING AND TRAFFIC CONTROL - STAGE II
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 708+00 TO STA. 738+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	72
CONTRACT NO. 60147			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



ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 8507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60650
 Tel: 773.775.4000 Fax: 773.775.4014
 Email: ciorba@ciorba.com

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

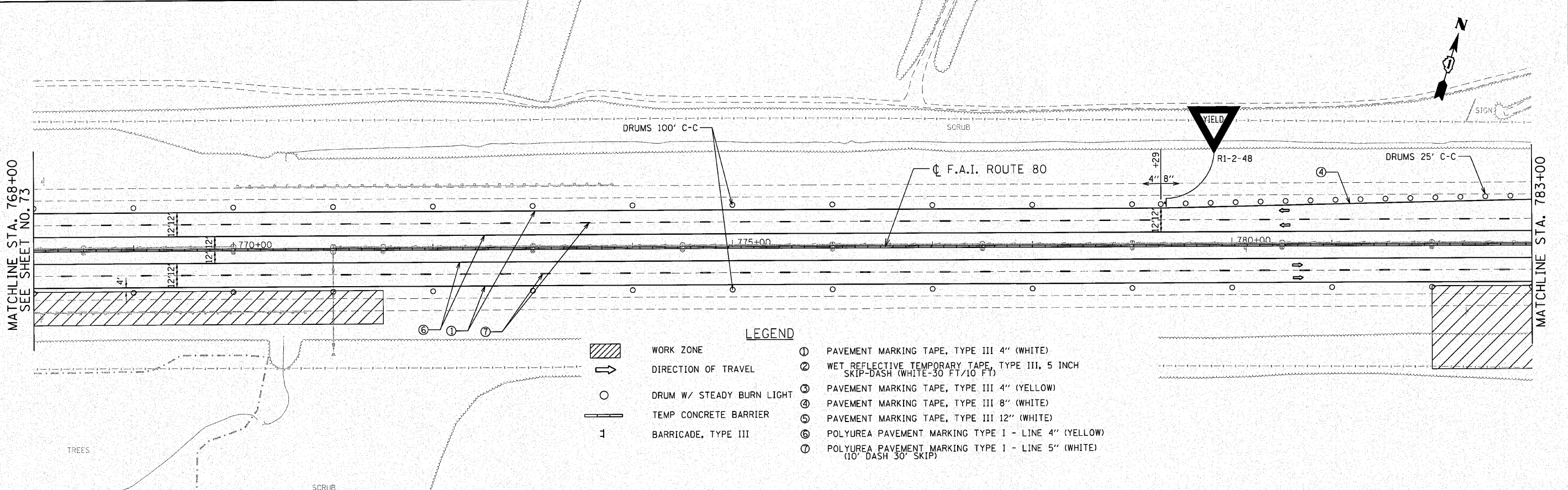
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

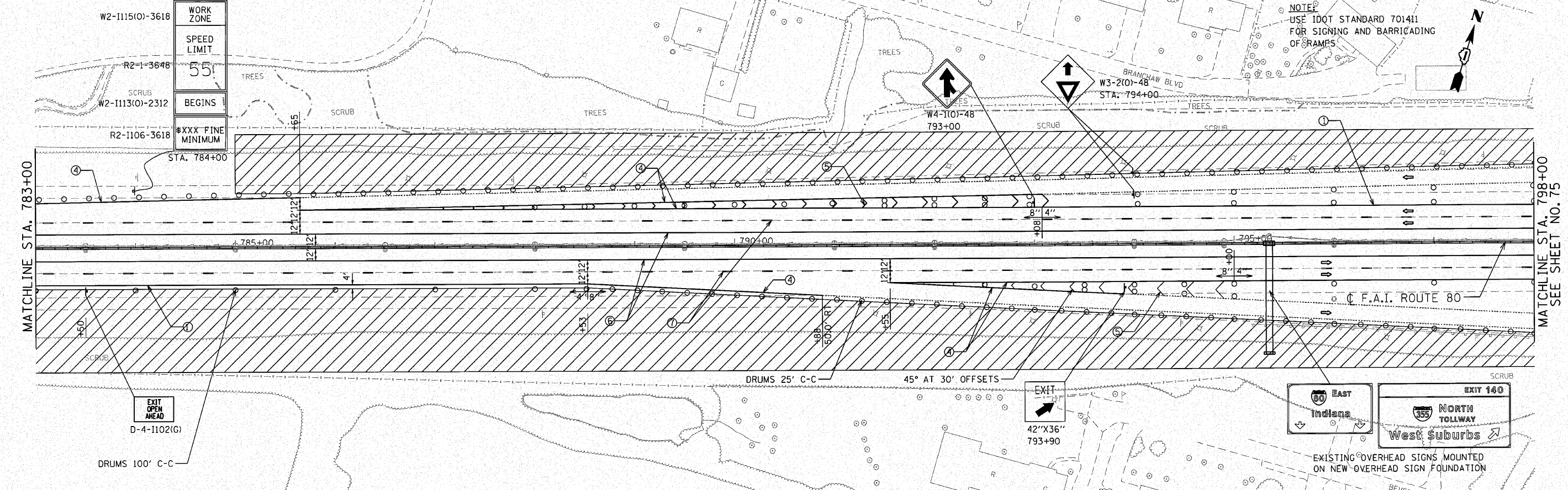
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 738+00 TO STA. 768+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	73
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	

n:\pro\1338A\2_west\design\DOT\33864w-staging.ph2.dgn



- 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)



W2-1115(O)-3618	WORK ZONE
R2-1-3648	SPEED LIMIT
W2-1113(O)-2312	55
R2-1106-3618	BEGINS
STA. 784+00	\$XXX FINE MINIMUM

c:\p\133842_west\station\mca\208m\staging\p2_01.dgn

ENGINEERING CONSULTANT

Ciorba Group, Inc.
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4300 Fax: 773.775.4014
 Email: ciorba@ciorbainc.com

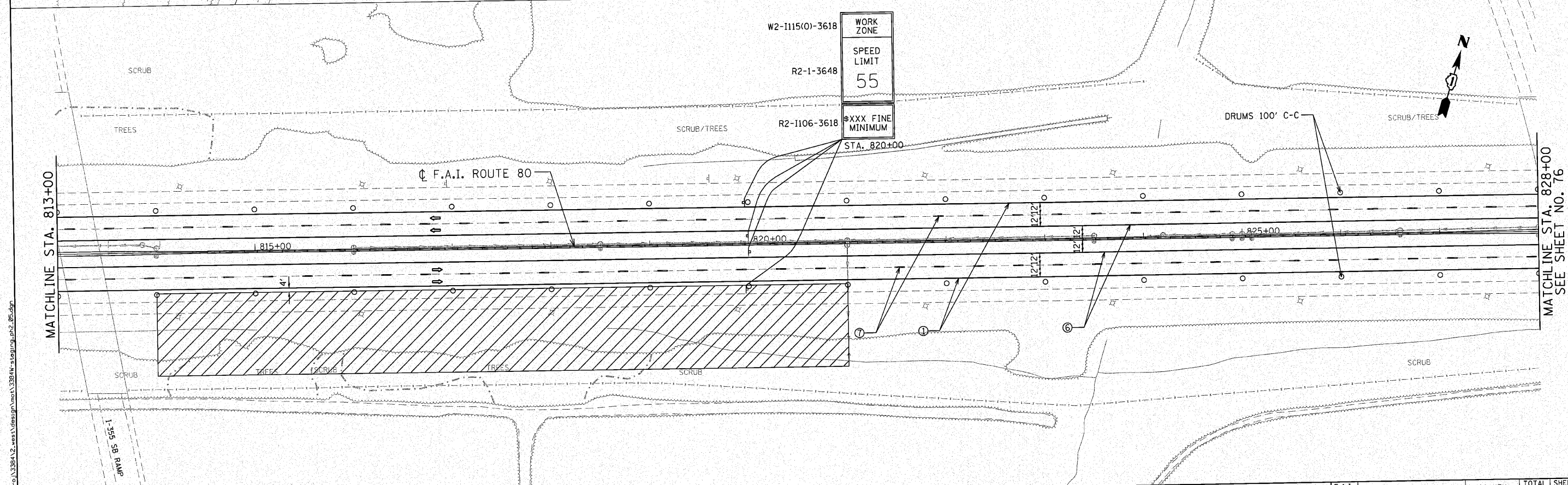
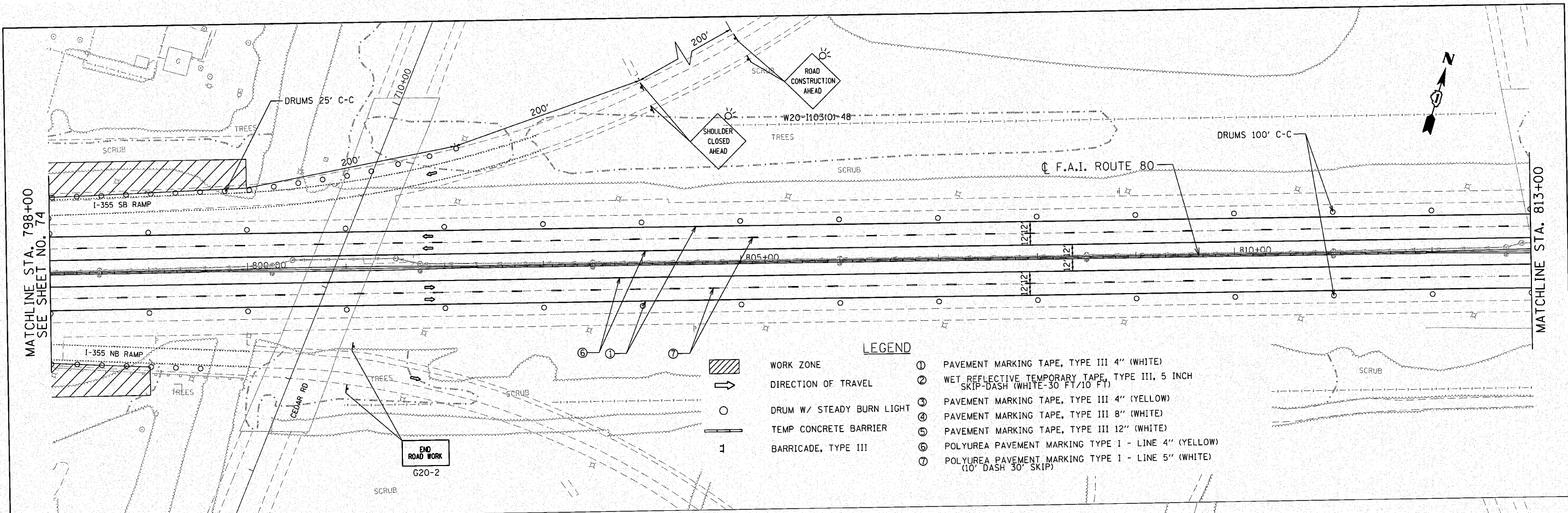
USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/2/2010	CHECKED - MRJ	REVISED -
	DATE = 10/27/2010	REVISED -

**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. 768+00 TO STA. 798+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60147	



- 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 with Burn Light] DRUM W/ STEADY BURN LIGHT
 - [Line with Dashed Center] TEMP CONCRETE BARRIER
 - [T-shaped Symbol] BARRICADE, TYPE III

ENGINEERING CONSULTANT
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 = jkjemmen	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/27/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

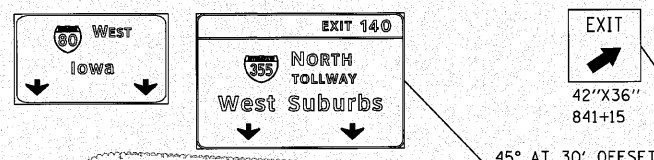
F.A.I. 80 FROM US 30 TO NS RAILROAD
STAGING AND TRAFFIC CONTROL - STAGE II

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 798+00 TO STA. 828+00

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 75
			CONTRACT NO. 60147	
ILLINOIS FED. AID PROJECT				

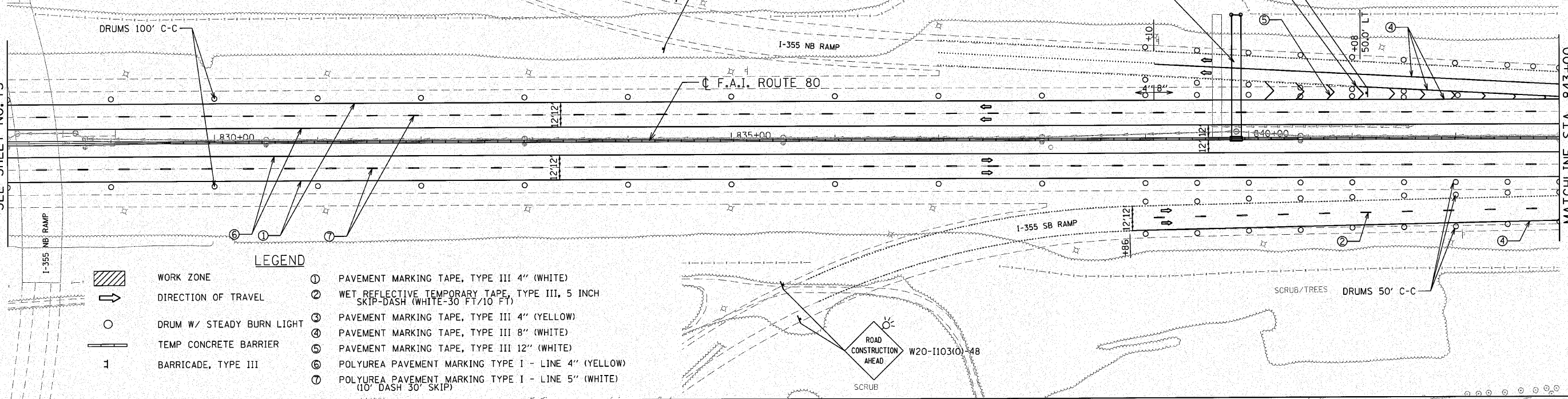
m:\pno\13386A2_west\design\m0a\13386A-staging.ph2.05.dgn

NOTE:
USE IDOT STANDARD 701411
FOR SIGNING AND BARRICADING
OF RAMPS



MATCHLINE STA. 828+00
SEE SHEET NO. 75

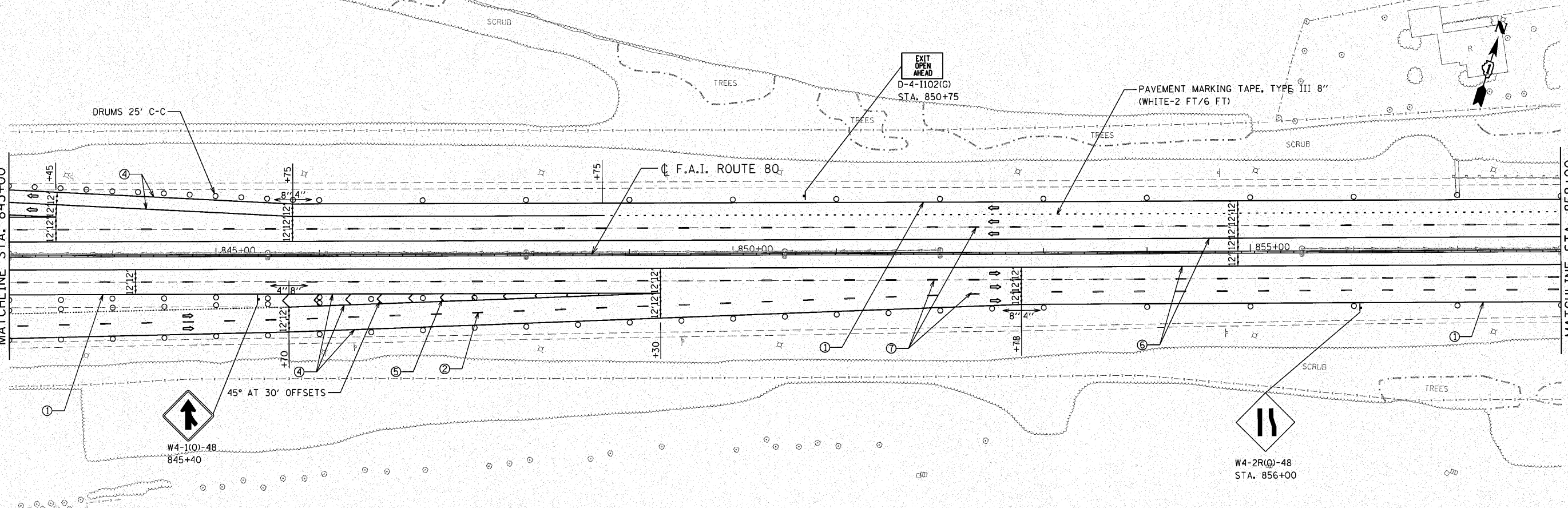
MATCHLINE STA. 843+00



- 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 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)

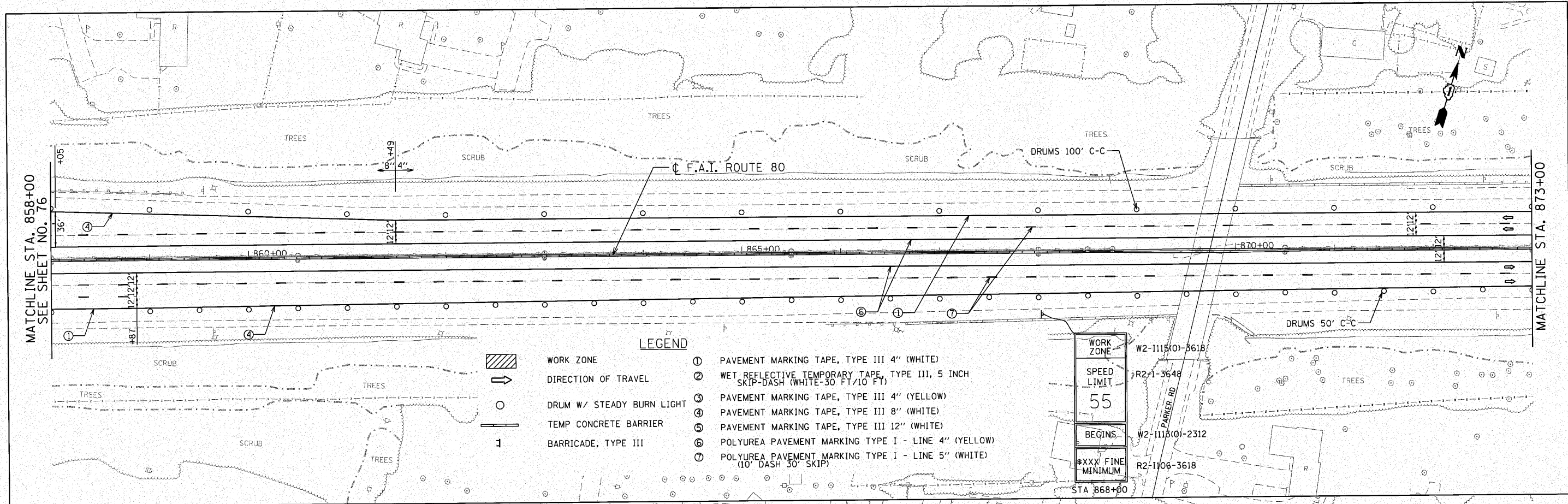
MATCHLINE STA. 843+00

MATCHLINE STA. 858+00
SEE SHEET NO. 77



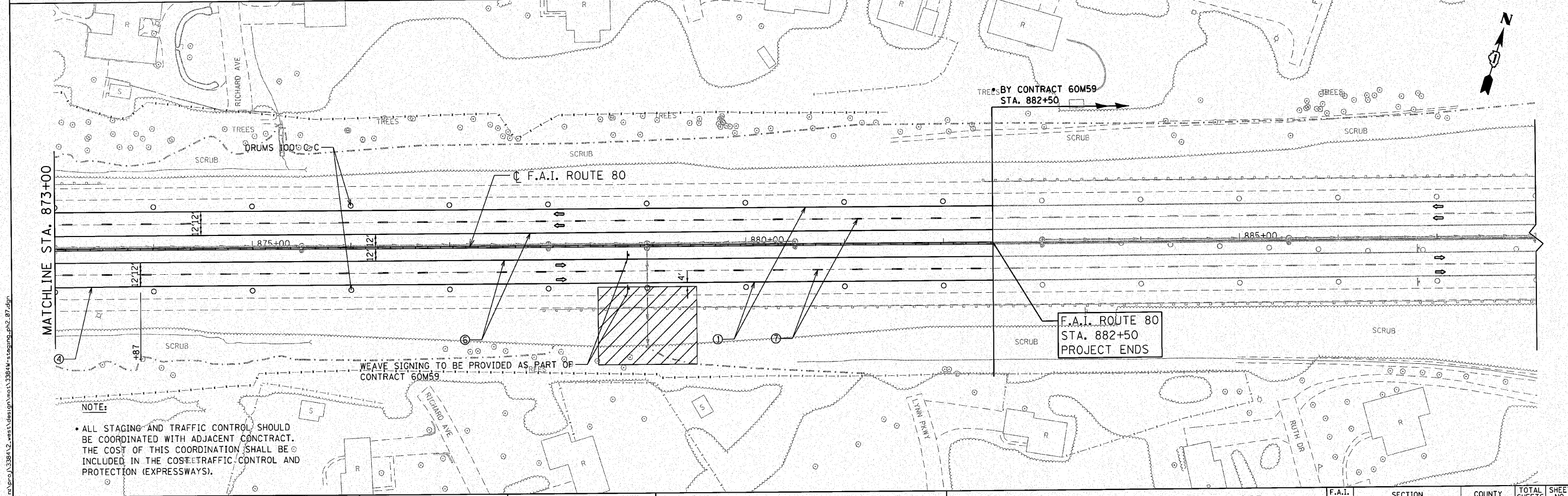
c:\p\c\338\2_west\design\mca\338\4w-staging\p2_06.dgn

<p>ENGINEERING CONSULTANT Giorgio Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 422 Chicago, Illinois 60630 Tel: 773.778.4200 Fax: 773.778.4214 Email: ggroup@giorgio.com</p>	USER NAME = jk,jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD STAGING AND TRAFFIC CONTROL - STAGE II			F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 76
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISED -		SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 828+00 TO STA. 858+00			CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/2/2010	DATE = 10/27/2010	REVISED -	REVISED -									



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)



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).

ENGINEERING CONSULTANT

Ciorba Group, Inc.
 CONSULTING ENGINEERS
 507 North Central Expressway, Suite 402
 Chicago, Illinois 60658
 Tel: 773.778.4200 Fax: 773.778.4016
 Email: chicago@ciorba.com

USER NAME = jk_jellison	DESIGNED - CRC	REVISIONS
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISIONS
PLOT DATE = 12/2/2010	CHECKED - MRJ	REVISIONS
	DATE - 10/27/2010	REVISIONS

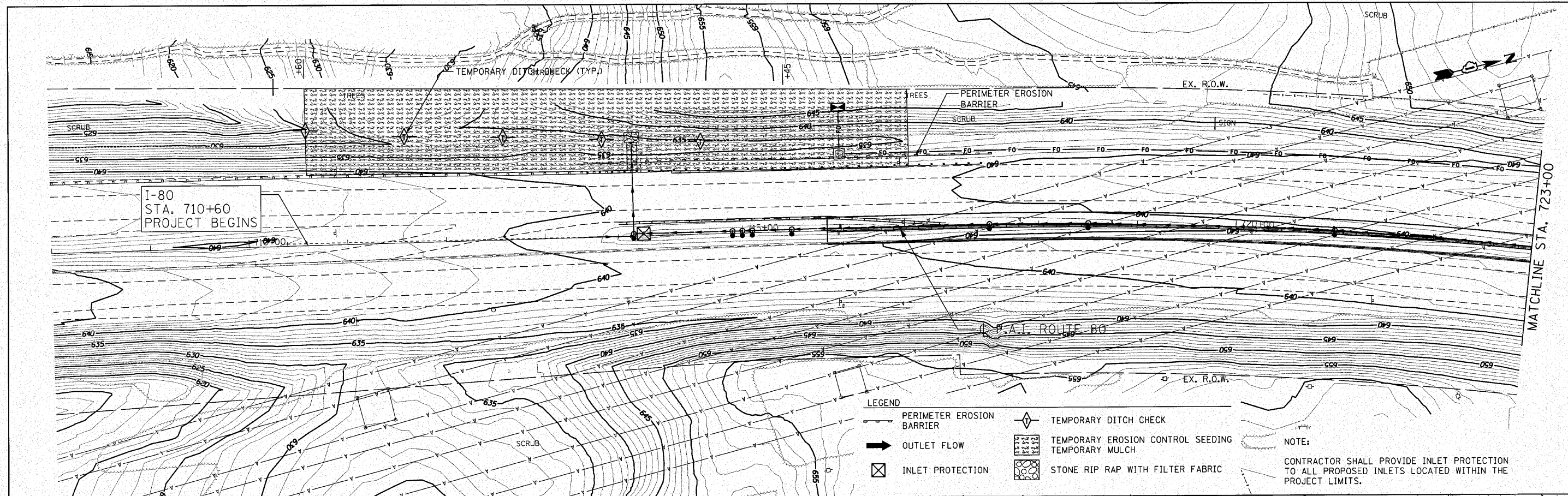
DESIGNED - CRC	REVISIONS
DRAWN - JMK	REVISIONS
CHECKED - MRJ	REVISIONS
DATE - 10/27/2010	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

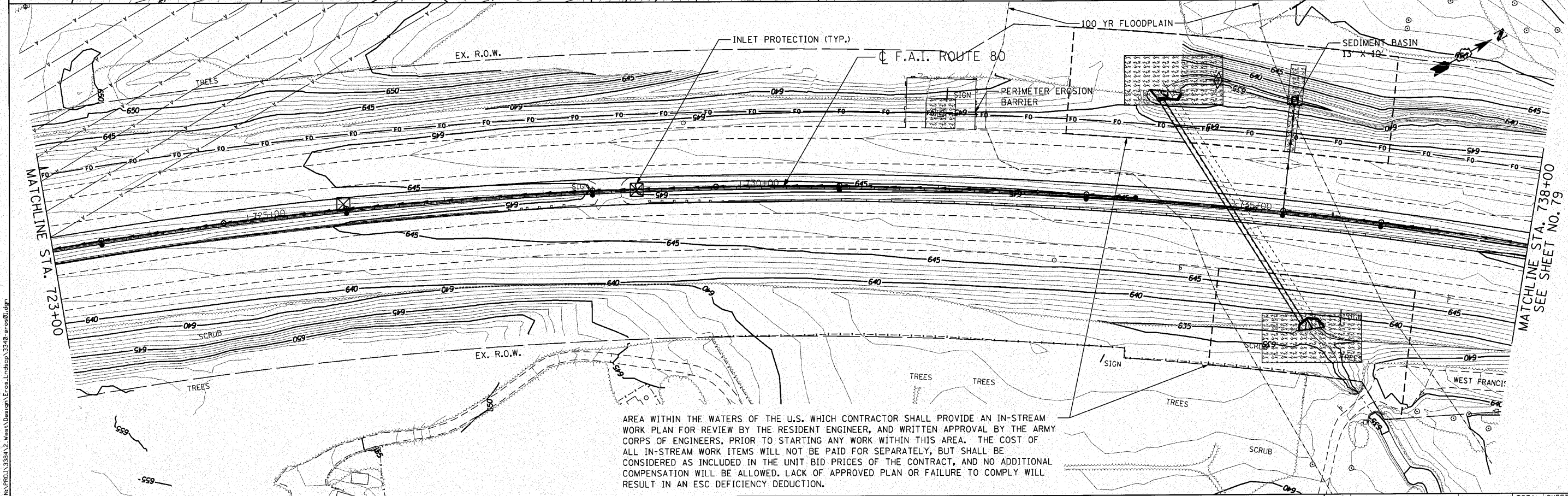
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 858+00 TO STA. 882+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	77
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60147	



- 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.



AREA WITHIN THE WATERS OF THE U.S. WHICH CONTRACTOR SHALL PROVIDE AN IN-STREAM WORK PLAN FOR REVIEW BY THE RESIDENT ENGINEER, AND WRITTEN APPROVAL BY THE ARMY CORPS OF ENGINEERS, PRIOR TO STARTING ANY WORK WITHIN THIS AREA. THE COST OF ALL IN-STREAM WORK ITEMS 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.

ENGINEERING CONSULTANT
Clorba Group, Inc.
CONSULTING ENGINEERS
6507 North Cumberland Avenue, Suite 402
Channahon, Illinois 61019
Tel: 773 775 4000 Fax: 773 775 4014
Email: gclorba@clorba.com

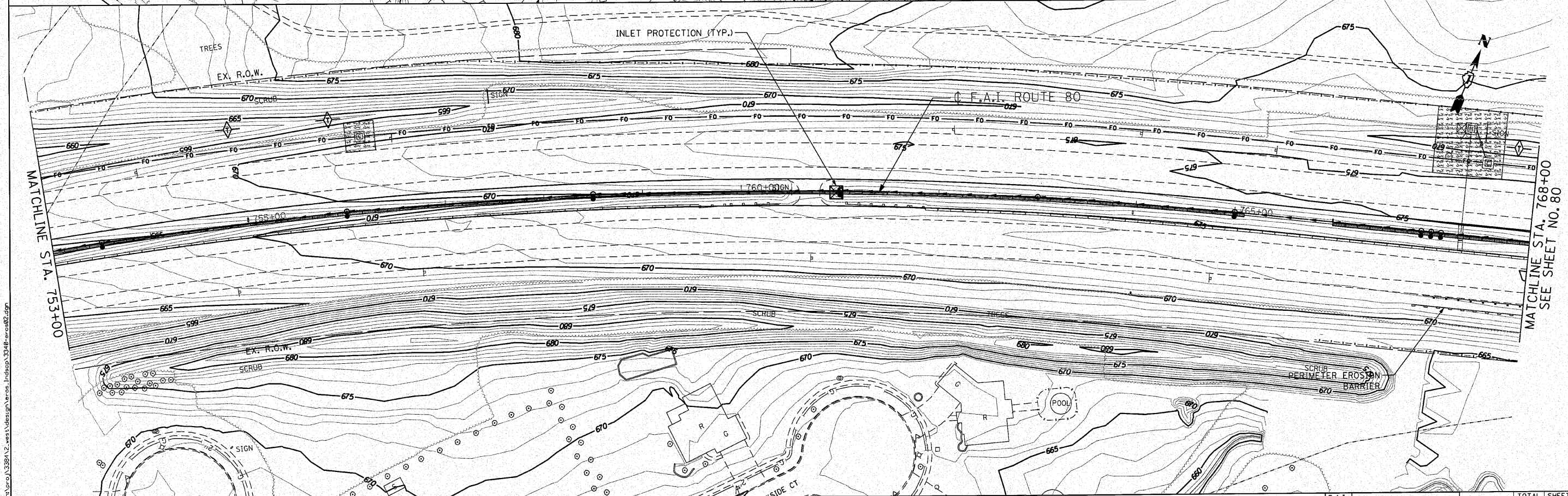
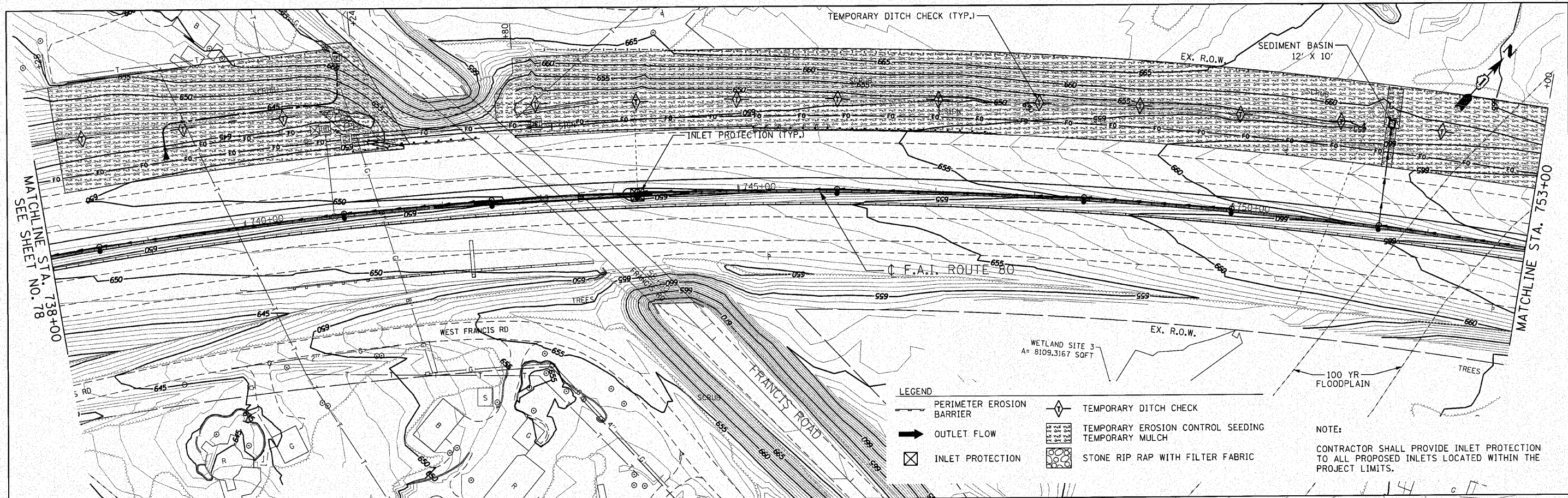
USER NAME = dmorr1s	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 710+60 TO STA. 738+00

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 78
			CONTRACT NO. 60147	
ILLINOIS FED. AID PROJECT				

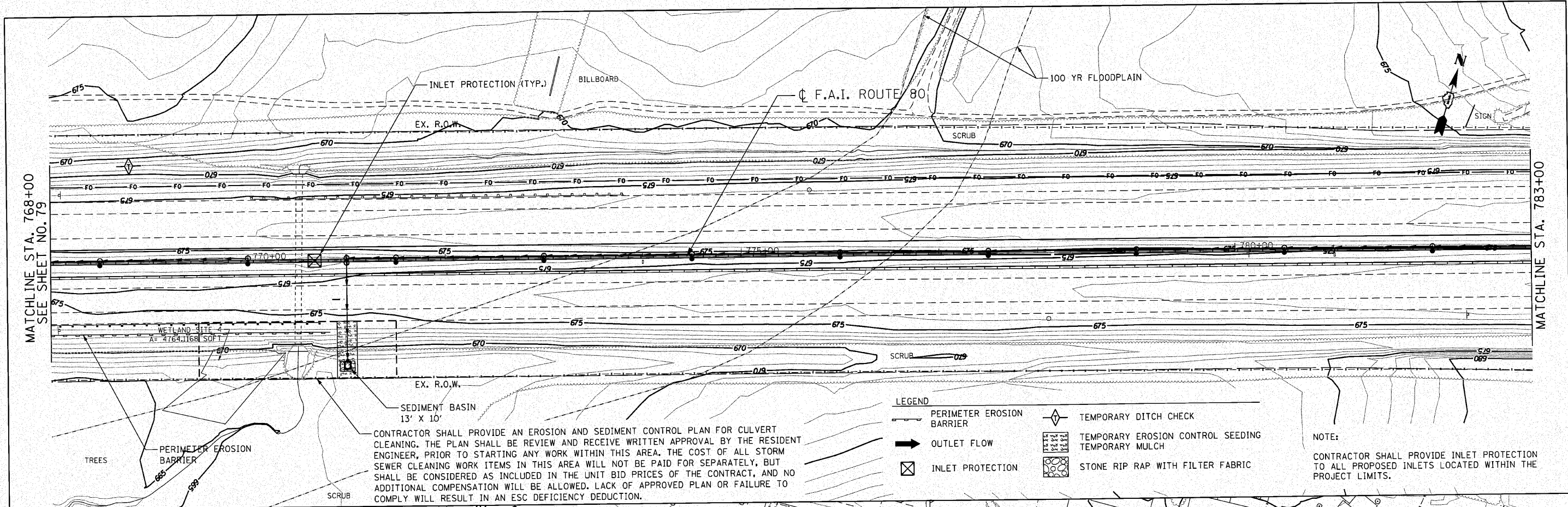
M:\P\01\328A\2-West\Design\Eros_Landslp_332.dwg - 10/27/10



- 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.

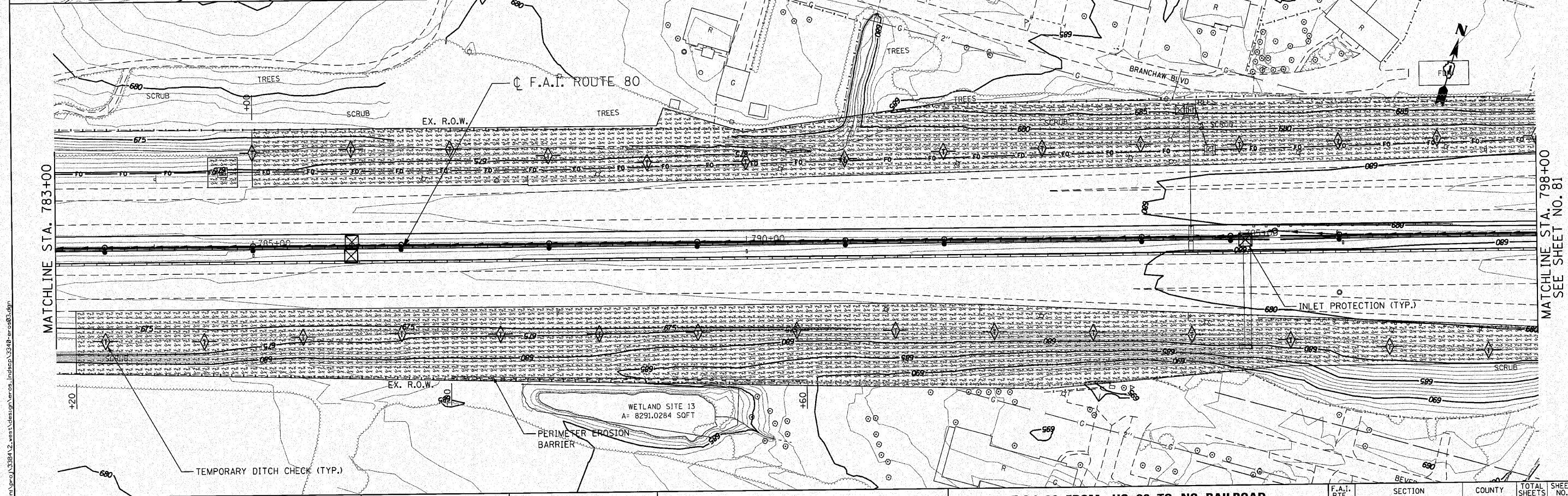
<p>ENGINEERING CONSULTANT Giorba Group, Inc. CONSULTING ENGINEERS 500 North Cumberland Avenue, Suite 402 Chicago, IL 60610 Tel: 773.775.4000 Fax: 773.775.4014 Email: chicago@giorba.com</p>	USER NAME = dmorris	DESIGNED - CRC	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">F.A.I. 80 FROM US 30 TO NS RAILROAD EROSION AND SEDIMENT CONTROL PLAN</p>	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 79
	PLOT SCALE = 50.0000' / IN.	CHECKED - MRJ	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 738+00 TO STA. 768+00	CONTRACT NO. 60147	
PLOT DATE = 12/6/2010	DATE = 10/27/2010	REVISED -	REVISED -							



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

Clorba Group, Inc.
 CONSULTING ENGINEERS
 2007 North Cass Street, Suite 402
 Chicago, Illinois 60648
 Tel: 773.778.6000 Fax: 773.778.4814
 Email: clorba@clorba.com

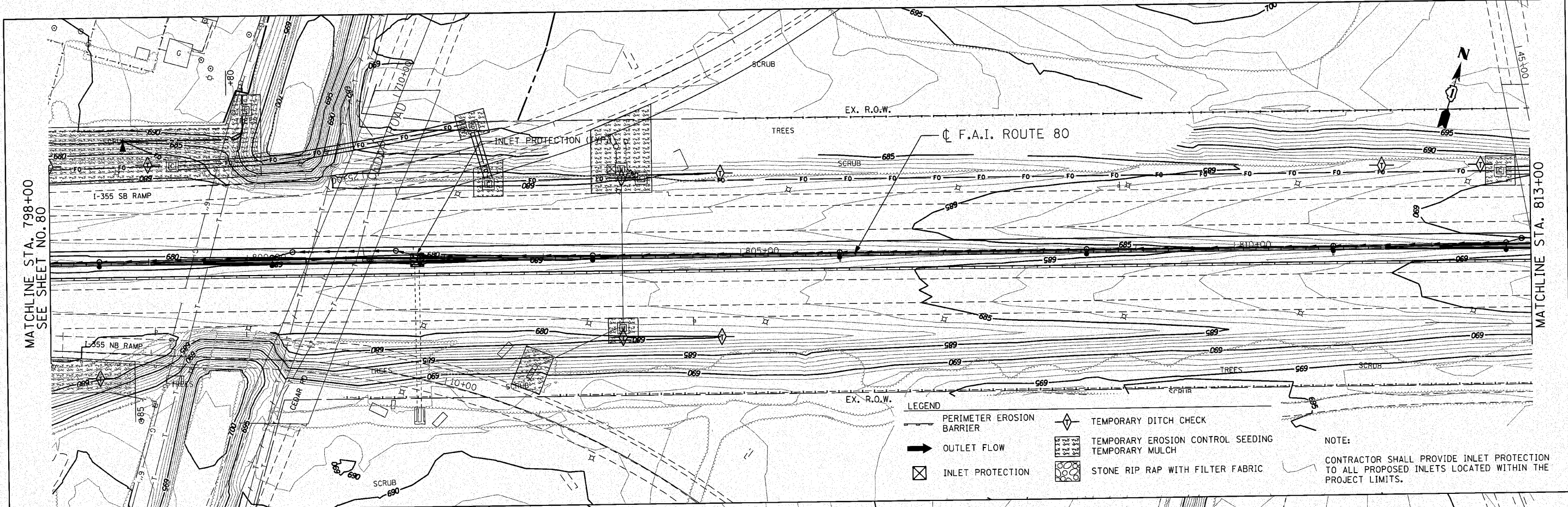
USER NAME = dmorr18	DESIGNED - CRC	REVISED -
PLOT SCALE = 50,000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/21/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM US 30 TO NS RAILROAD
EROSION AND SEDIMENT CONTROL PLAN**

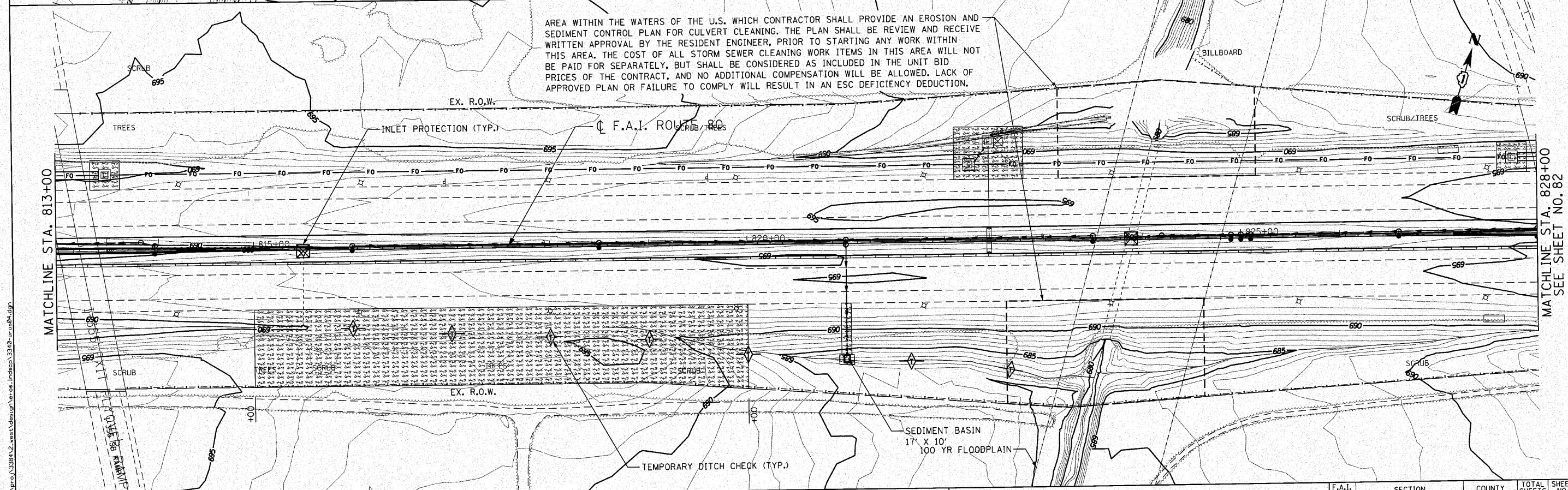
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 768+00 TO STA. 798+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	80
			CONTRACT NO. 60147	
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.



AREA WITHIN THE WATERS OF THE U.S. WHICH 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.

ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4200 Fax: 773.775.4514
 E-mail: 2623202@clorba.com

USER NAME = dmmorris	DESIGNED - CRC	REVISED -
PLLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM US 30 TO NS RAILROAD
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 798+00 TO STA. 828+00

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 81
			CONTRACT NO. 60147	
ILLINOIS FED. AID PROJECT				

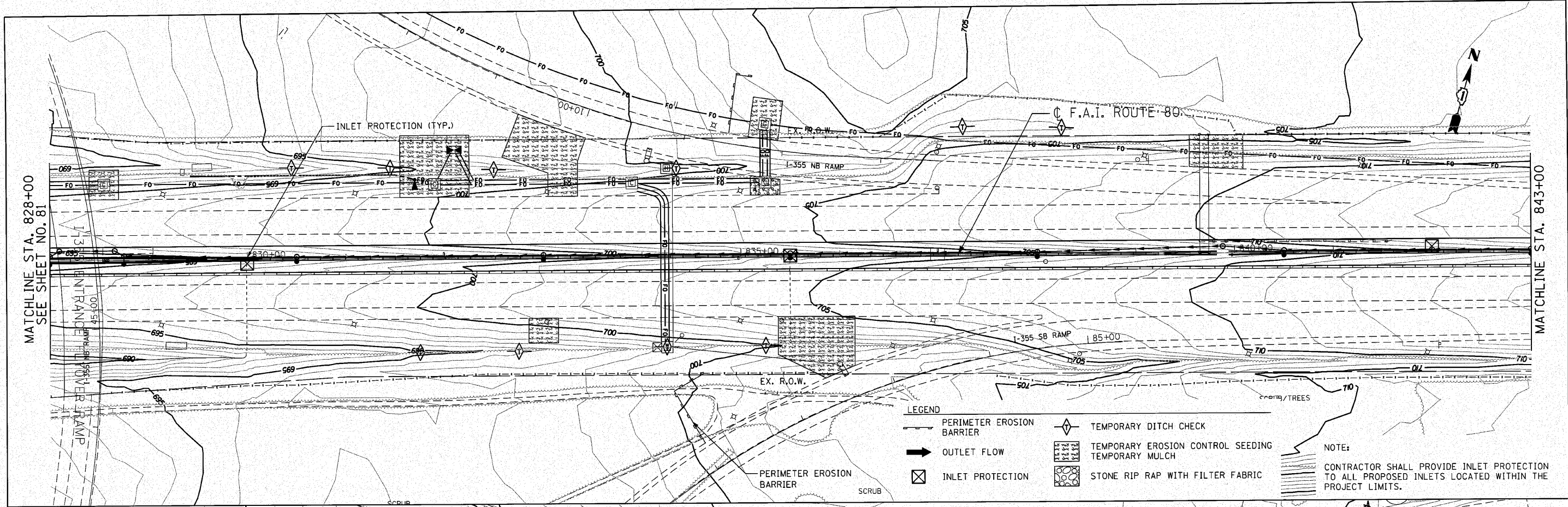
n:\proj\3388A\2_west\design\arcos_indisp\3310_arc08.dgn

MATCHLINE STA. 798+00
SEE SHEET NO. 80

MATCHLINE STA. 813+00

MATCHLINE STA. 813+00

MATCHLINE STA. 828+00
SEE SHEET NO. 82



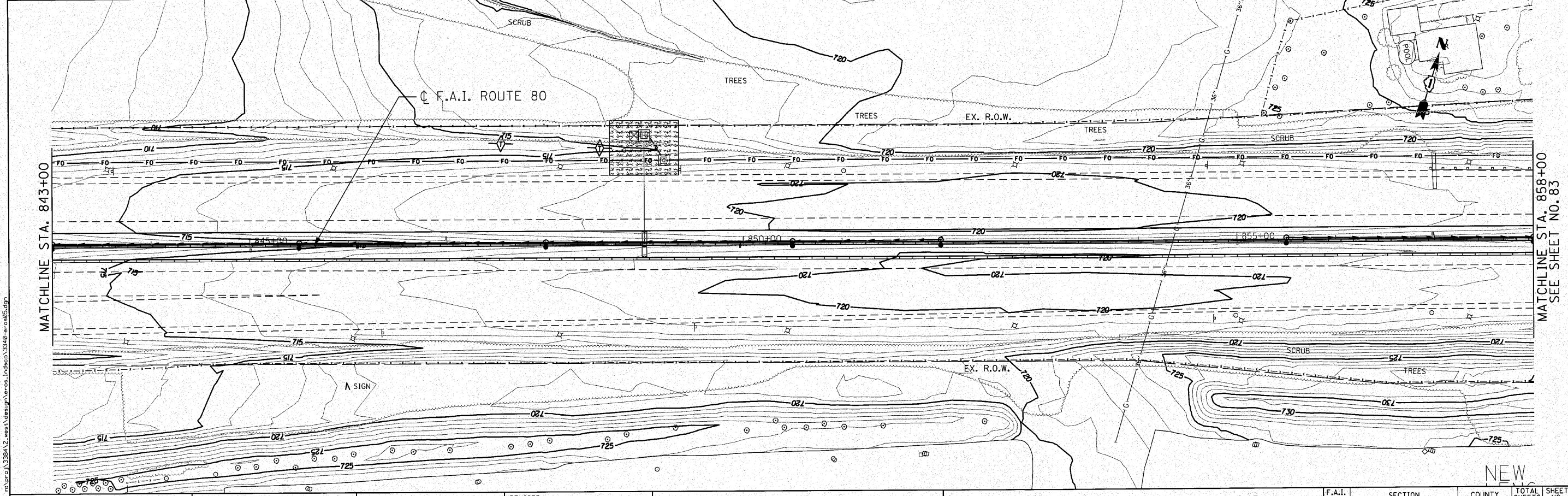
MATCHLINE STA. 828+00
SEE SHEET NO. 81

MATCHLINE STA. 843+00

LEGEND

	PERIMETER EROSION BARRIER		TEMPORARY DITCH CHECK
	OUTLET FLOW		TEMPORARY EROSION CONTROL SEEDING
	INLET PROTECTION		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. 843+00

MATCHLINE STA. 858+00
SEE SHEET NO. 83

ENGINEERING CONSULTANT
Corba Group, Inc.
CONSULTING ENGINEERS
5001 North Central Expressway, Suite 402
Chicago, IL 60630
Tel: 773.775.4000 Fax: 773.775.4014
Email: gchris@corba.com

USER NAME = dmorris
DESIGNED - CRC
DRAWN - JMK
CHECKED - MRJ
DATE - 10/27/2010

REVISOR -
REVISION -
REVISION -
REVISION -
REVISION -

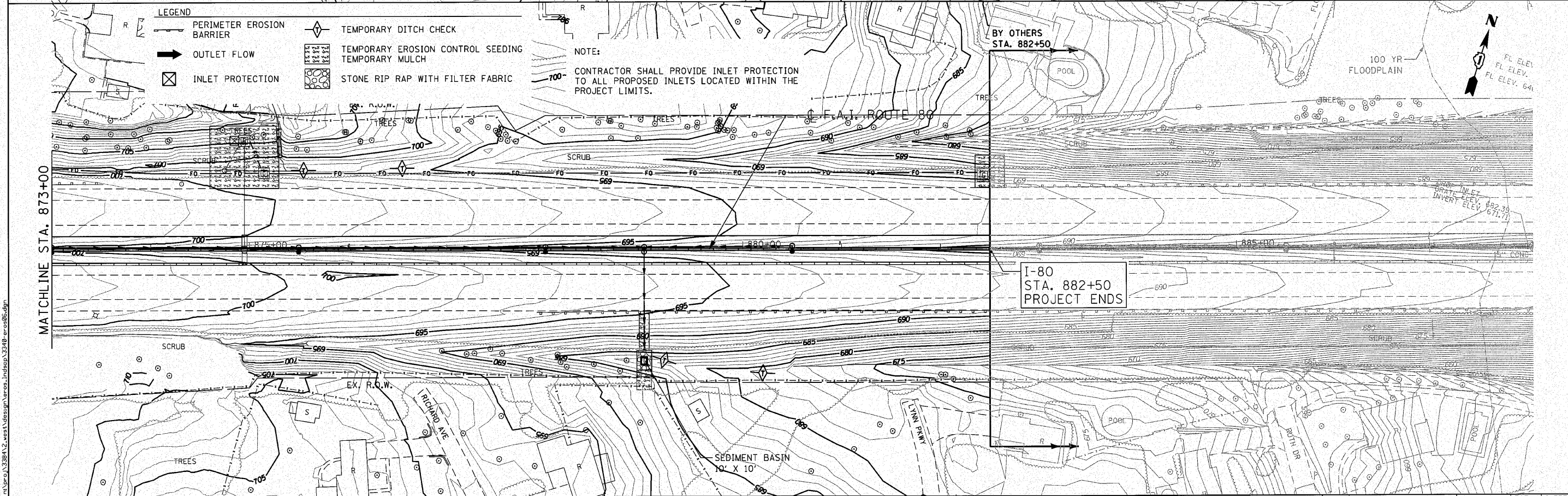
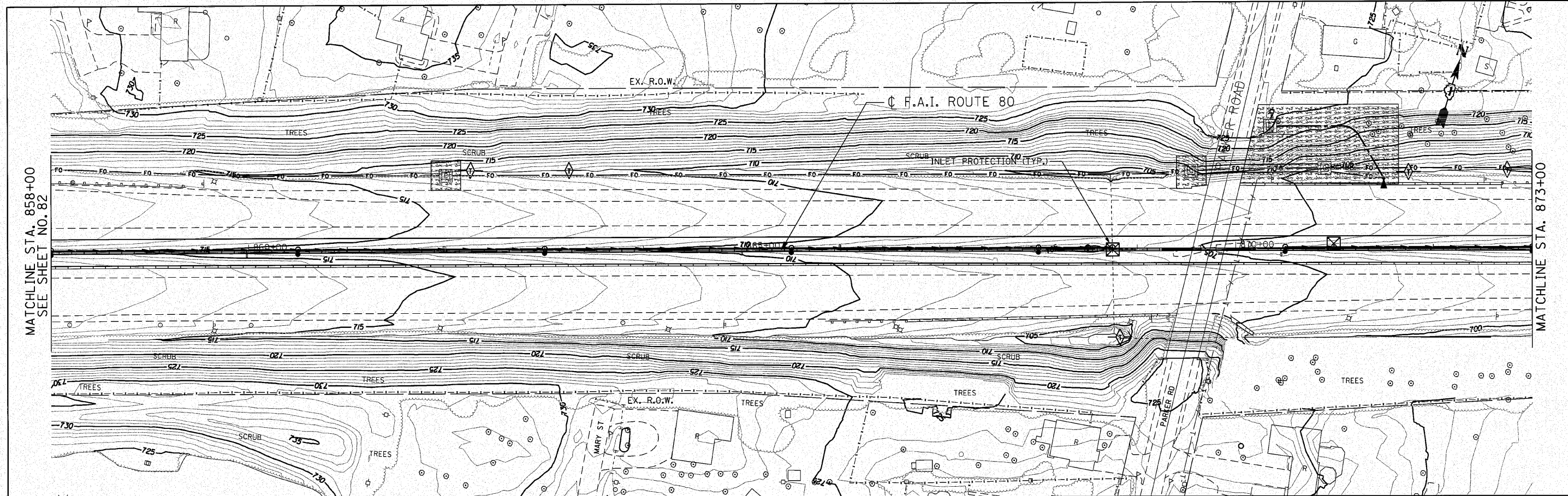
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM US 30 TO NS RAILROAD
EROSION AND SEDIMENT CONTROL PLAN**
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 828+00 TO STA. 858+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	82
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	

c:\pwork\3384\2-west\cadd\plan\erosion\828-858.dwg

NEW



- 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
Clorba Group, Inc.
CONSULTING ENGINEERS
6007 North Cumberland Avenue, Suite 402
Chicago, Illinois 60659
Tel: 773.775.4200 Fax: 773.775.4214
Email: cllorba@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

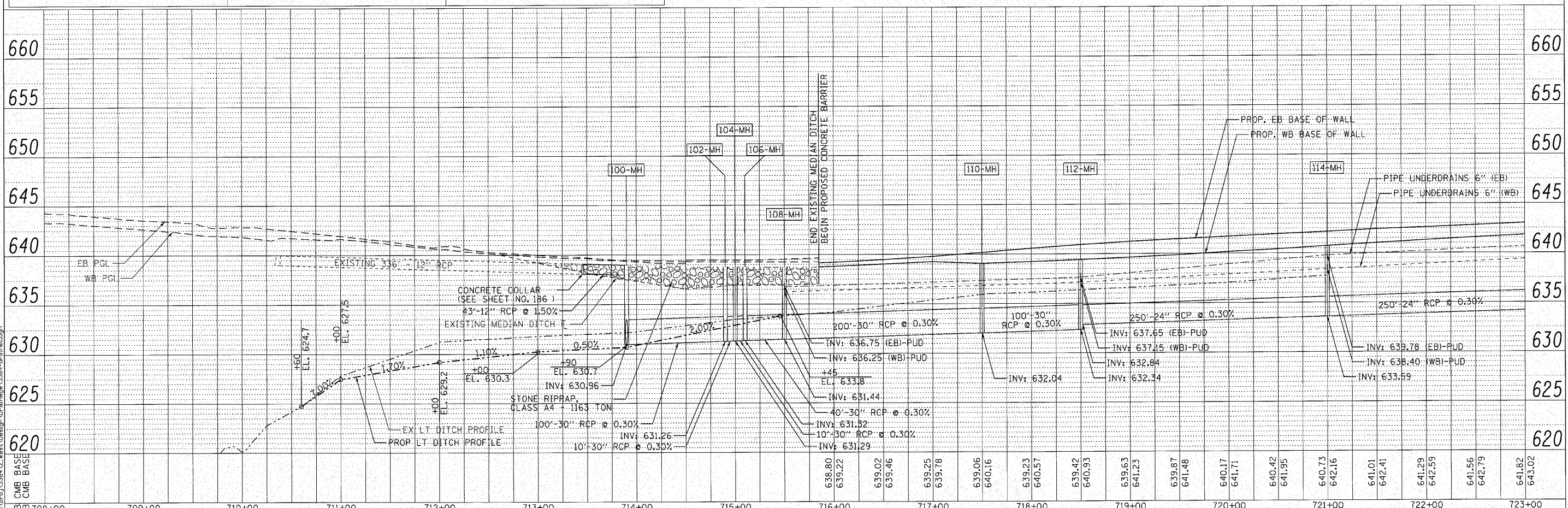
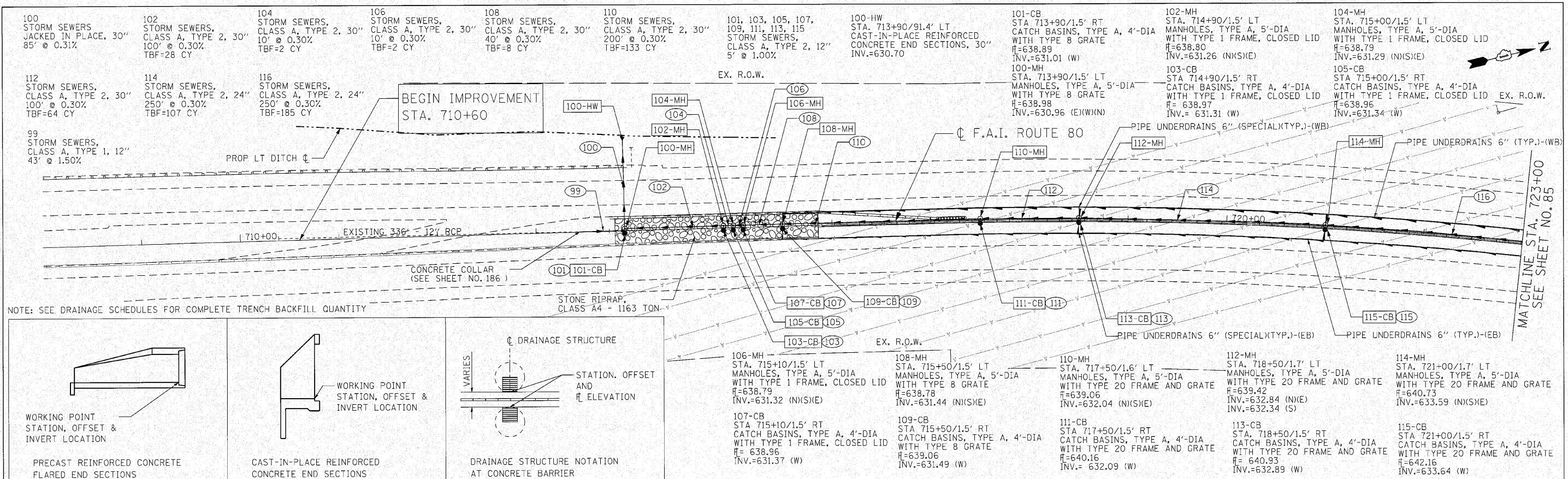
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

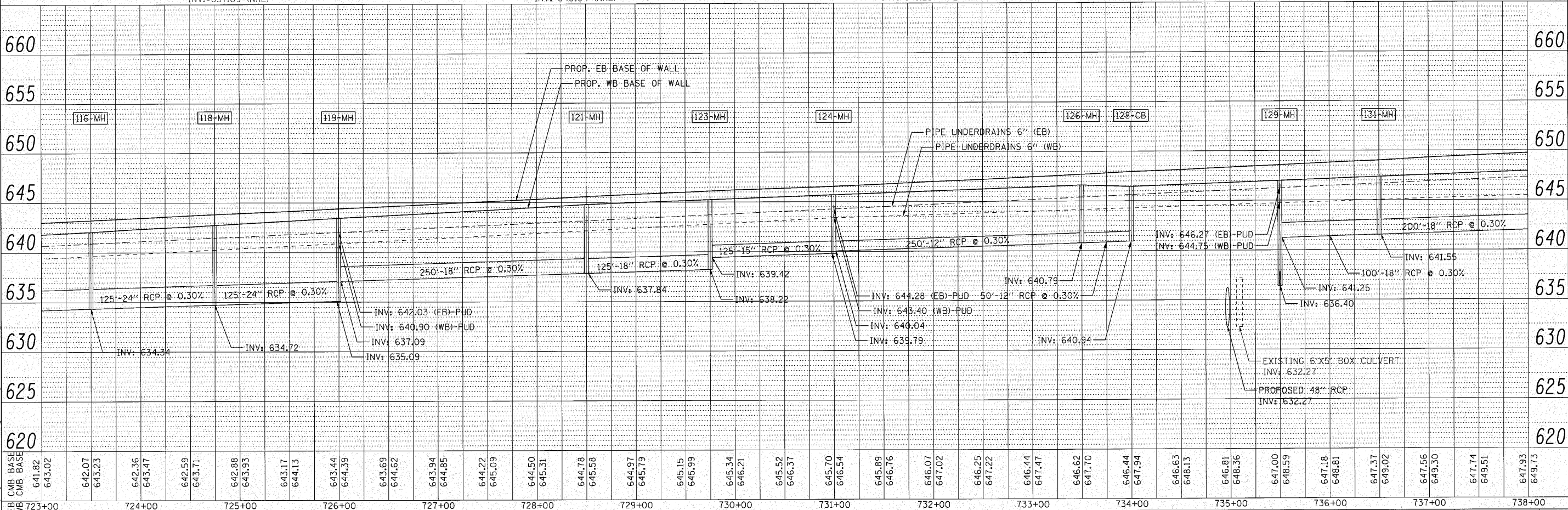
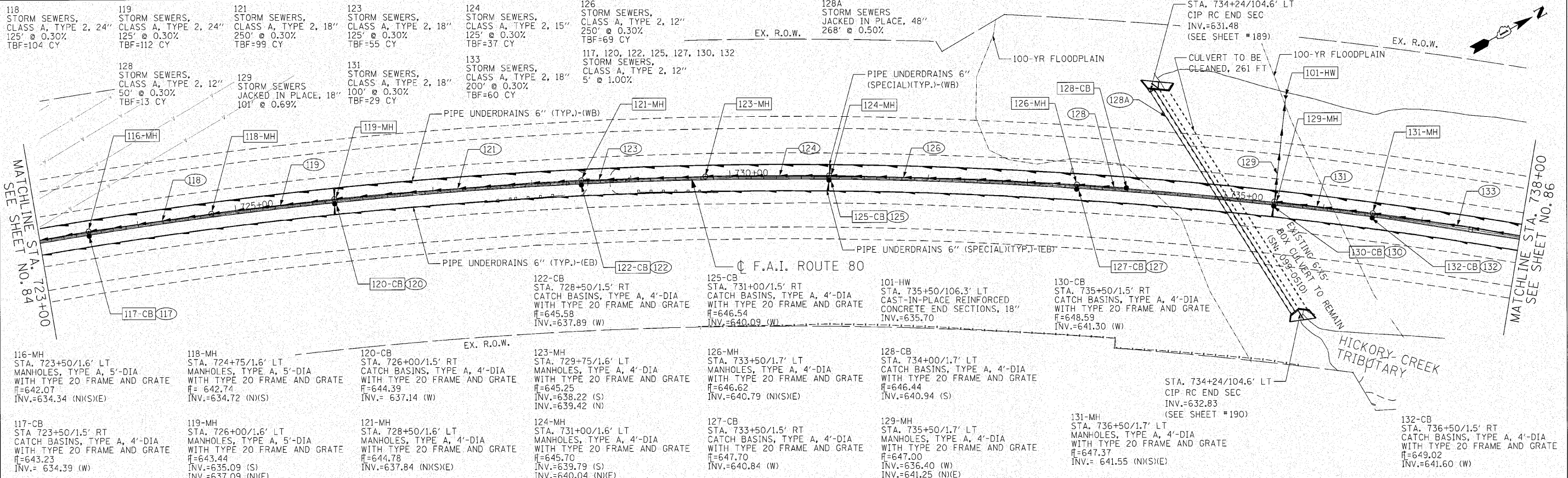
**F.A.I. 80 FROM US 30 TO NS RAILROAD
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 858+00 TO STA. 882+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	83
			CONTRACT NO. 60147	
ILLINOIS FED. AID PROJECT				



ENGINEERING CONSULTANT		USER NAME = ccoorwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE			F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 84
		PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 710+60 TO STA. 723+00	CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	
5007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: chicago@ciorga.com		PLOT DATE = 10/27/2010	CHECKED - MRJ	REVISED -									



STATION	INVERT ELEVATION (FT)	STRUCTURE / PIPE	INVERT ELEVATION (FT)	STRUCTURE / PIPE
723+00	641.82	116-MH	642.07	118-MH
723+00	643.02	117-CB	643.23	119-MH
724+00	642.36	120-CB	643.47	121-MH
724+00	643.47	121-MH	642.59	123-MH
725+00	643.71	122-CB	643.71	124-MH
725+00	642.88	123-MH	643.93	126-MH
725+00	643.93	124-MH	644.13	128-CB
726+00	643.17	125-CB	644.13	129-MH
726+00	644.13	126-MH	643.44	131-MH
726+00	643.44	127-CB	644.39	132-CB
726+00	644.39	128-CB	643.69	
727+00	644.62	129-MH	644.62	
727+00	643.94	130-CB	644.85	
727+00	644.85	131-MH	644.22	
728+00	644.22	132-CB	645.09	
728+00	645.09	133-MH	644.50	
729+00	644.50		645.31	
730+00	644.78		644.78	
730+00	645.58		645.58	
731+00	644.97		644.97	
731+00	645.79		645.79	
732+00	645.15		645.15	
732+00	645.99		645.99	
733+00	645.34		645.34	
733+00	646.21		646.21	
734+00	645.52		645.52	
734+00	646.37		646.37	
735+00	645.70		645.70	
735+00	646.54		646.54	
736+00	645.89		645.89	
736+00	646.76		646.76	
737+00	646.07		646.07	
737+00	647.02		647.02	
738+00	646.25		646.25	
738+00	647.22		647.22	
738+00	646.44		646.44	
738+00	647.47		647.47	
738+00	646.62		646.62	
738+00	647.70		647.70	
738+00	646.44		646.44	
738+00	647.94		647.94	
738+00	646.63		646.63	
738+00	648.13		648.13	
738+00	646.81		646.81	
738+00	648.36		648.36	
738+00	647.00		647.00	
738+00	648.59		648.59	
738+00	647.18		647.18	
738+00	648.81		648.81	
738+00	647.37		647.37	
738+00	649.02		649.02	
738+00	647.56		647.56	
738+00	649.30		649.30	
738+00	647.74		647.74	
738+00	649.51		649.51	
738+00	647.93		647.93	
738+00	649.73		649.73	

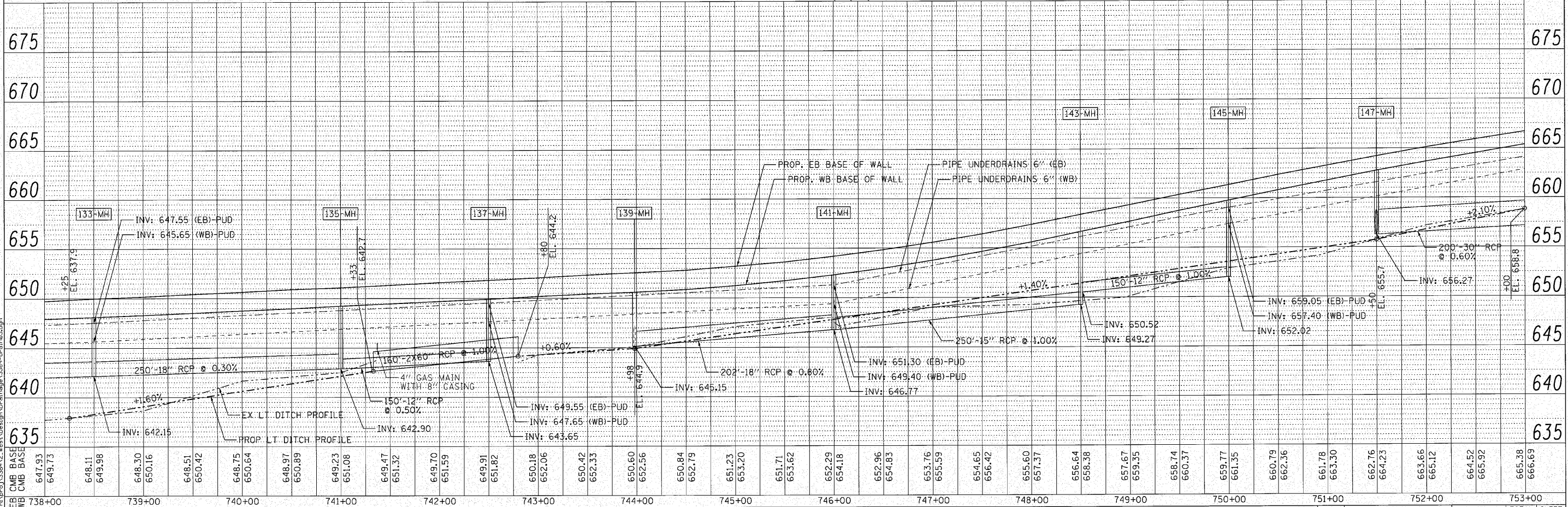
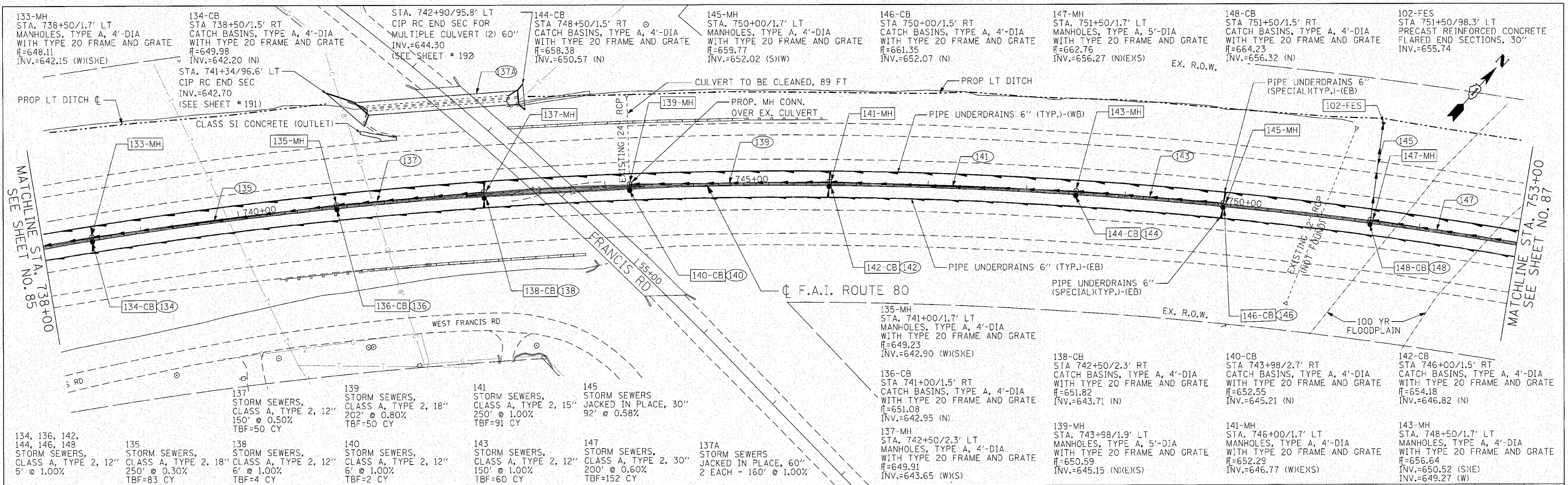
ENGINEERING CONSULTANT
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 5607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.6008 Fax: 773.775.4014
 Email: ciorba@ciorba.com

USER NAME = ccornewell
 DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE - 10/27/2010

REVISSED -
 REVISSED -
 REVISSED -
 REVISSED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. 80 FROM US 30 TO NS RAILROAD
PROPOSED DRAINAGE PLAN AND PROFILE
 SCALE: 1" = 50' SHEET NO. 85 OF SHEETS STA. 723+00 TO STA. 738+00

F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 85
		CONTRACT NO. 60147		
ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

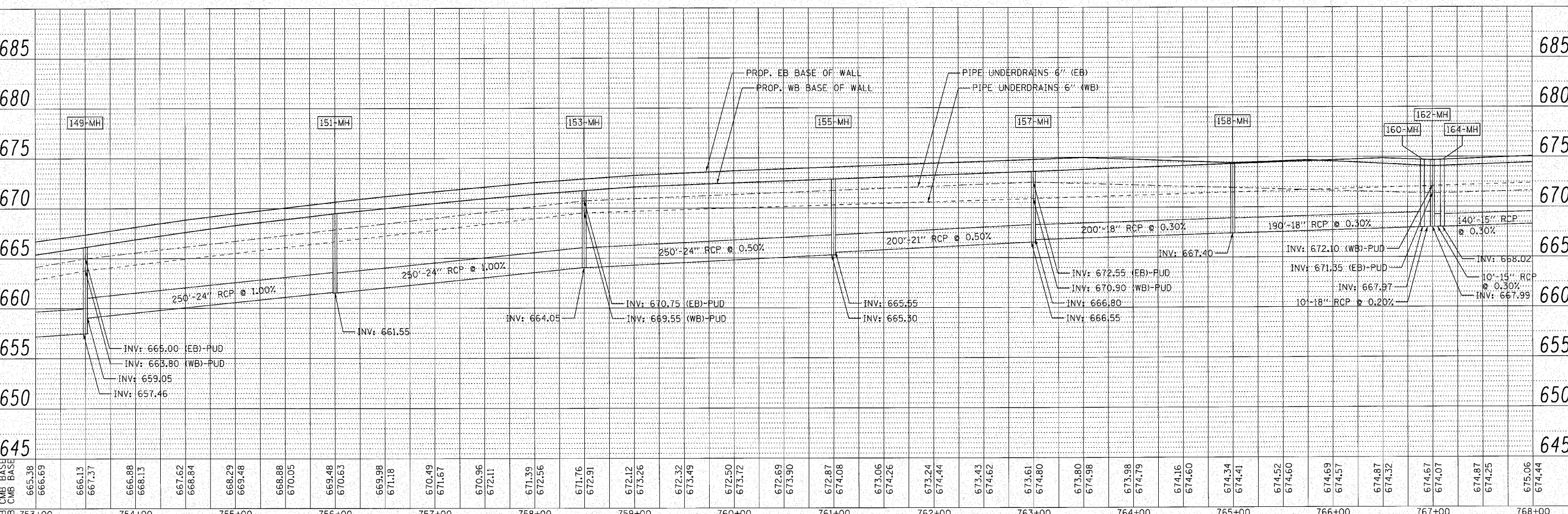
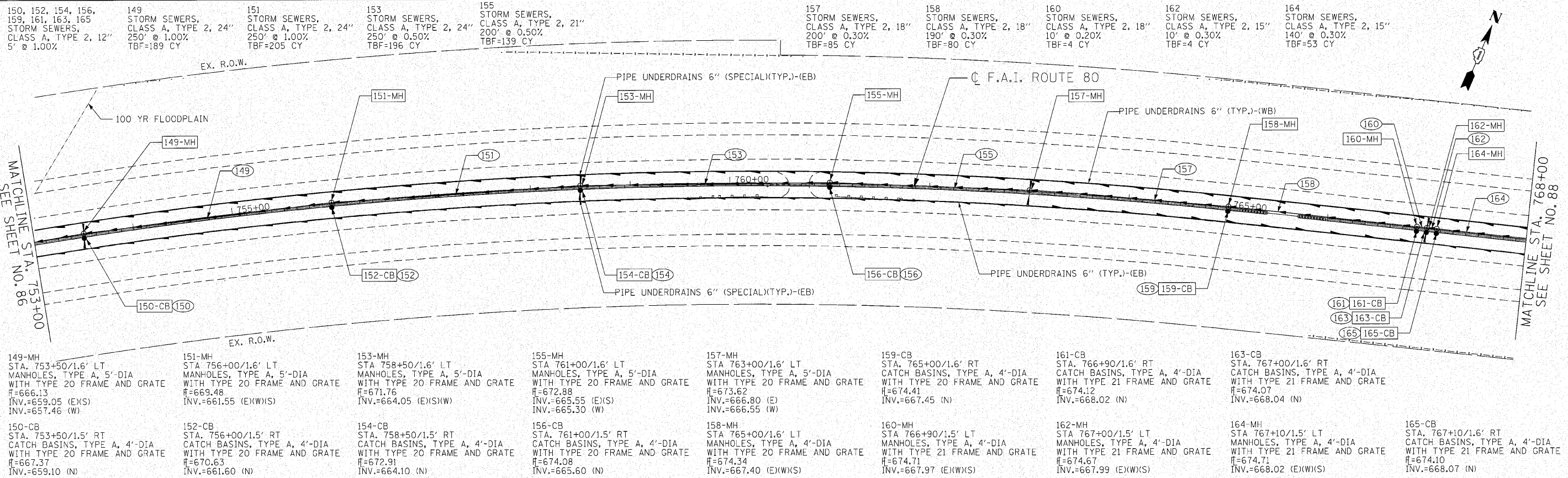
Ciorba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4200 Fax: 773.775.4014
 Email: ciorba@ciorba.com

USER NAME = coornewell
 DESIGNED - CRC
 DRAWN - JMK
 CHECKED - MRJ
 DATE = 10/27/2010
 REVISIONS:
 REVISION NO. 1
 REVISION DESCRIPTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
PROPOSED DRAINAGE PLAN AND PROFILE
 SCALE: 1" = 50'
 SHEET NO. 86 OF SHEETS
 STA. 738+00 TO STA. 753+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	86
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	



150, 152, 154, 156, 159, 161, 163, 165
STORM SEWERS,
CLASS A, TYPE 2, 12"
5' @ 1.00%

149
STORM SEWERS,
CLASS A, TYPE 2, 24"
250' @ 1.00%
TBF=189 CY

151
STORM SEWERS,
CLASS A, TYPE 2, 24"
250' @ 1.00%
TBF=205 CY

153
STORM SEWERS,
CLASS A, TYPE 2, 24"
250' @ 0.50%
TBF=196 CY

155
STORM SEWERS,
CLASS A, TYPE 2, 21"
200' @ 0.50%
TBF=139 CY

157
STORM SEWERS,
CLASS A, TYPE 2, 18"
200' @ 0.30%
TBF=85 CY

158
STORM SEWERS,
CLASS A, TYPE 2, 18"
190' @ 0.30%
TBF=80 CY

160
STORM SEWERS,
CLASS A, TYPE 2, 18"
10' @ 0.20%
TBF=4 CY

162
STORM SEWERS,
CLASS A, TYPE 2, 15"
10' @ 0.30%
TBF=4 CY

164
STORM SEWERS,
CLASS A, TYPE 2, 15"
140' @ 0.30%
TBF=53 CY

149-MH
STA. 753+50/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=666.13
INV.=659.05 (E)(S)
INV.=657.46 (W)

151-MH
STA. 756+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=669.48
INV.=661.55 (E)(W)(S)
INV.=661.60 (N)

153-MH
STA. 758+50/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=671.76
INV.=664.05 (E)(S)(W)
INV.=664.10 (N)

155-MH
STA. 761+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=672.88
INV.=665.55 (E)(S)
INV.=665.30 (W)

157-MH
STA. 763+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=673.62
INV.=666.80 (E)
INV.=667.40 (E)(W)(S)

159-CB
STA. 765+00/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=674.41
INV.=667.45 (N)

161-CB
STA. 766+90/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.12
INV.=668.02 (N)

163-CB
STA. 767+00/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.07
INV.=668.04 (N)

165-CB
STA. 767+10/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.10
INV.=668.07 (N)

150-CB
STA. 753+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=667.37
INV.=659.10 (N)

152-CB
STA. 756+00/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=670.63
INV.=661.60 (N)

154-CB
STA. 758+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=672.91
INV.=664.10 (N)

156-CB
STA. 761+00/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=674.08
INV.=665.60 (N)

158-MH
STA. 765+00/1.6' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=674.34
INV.=667.40 (E)(W)(S)

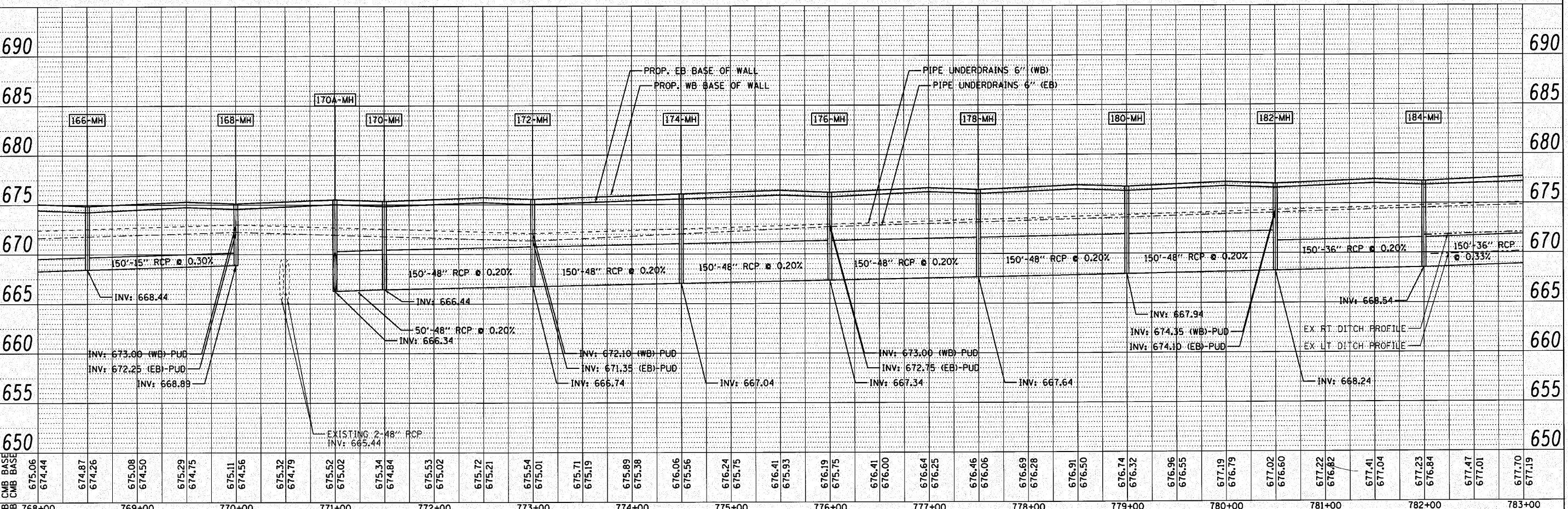
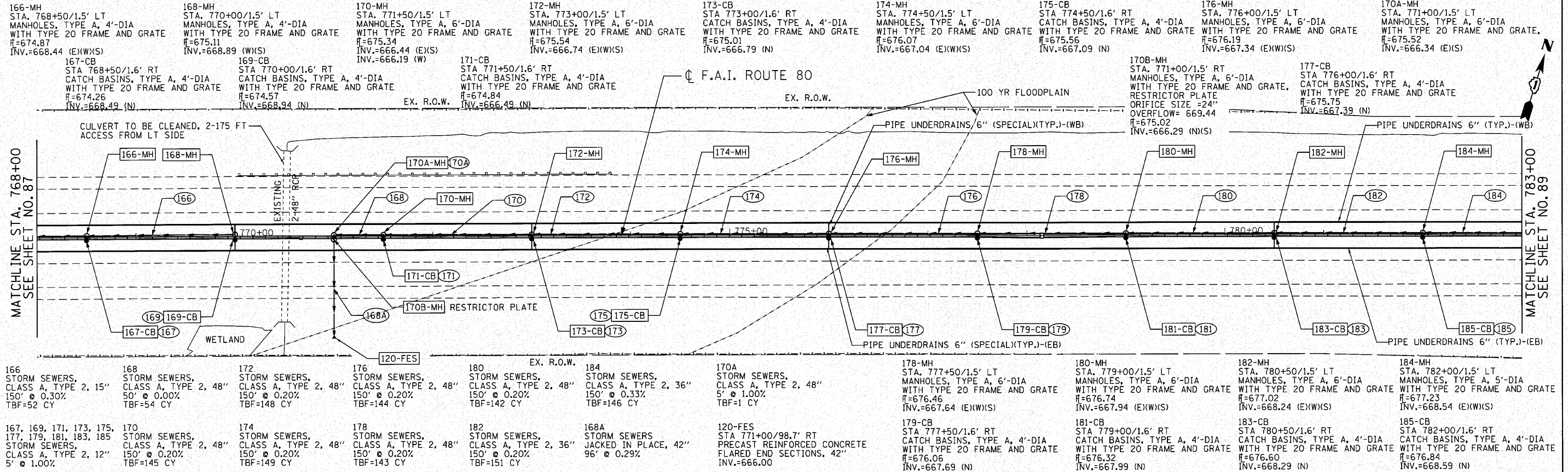
160-MH
STA. 766+90/1.5' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.71
INV.=667.97 (E)(W)(S)

162-MH
STA. 767+00/1.5' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.67
INV.=667.99 (E)(W)(S)

164-MH
STA. 767+10/1.5' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.71
INV.=668.02 (E)(W)(S)

166-MH
STA. 767+10/1.6' RT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.10
INV.=668.07 (N)

ENGINEERING CONSULTANT	USER NAME = acornwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 80 FROM US 30 TO NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE SCALE: 1" = 50' SHEET NO. 87 OF SHEETS STA. 753+00 TO STA. 768+00	F.A.I. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 87
CONTRACT NO. 60147	ILLINOIS FED. AID PROJECT	CONSULTING ENGINEER: CG Corba Group, Inc. 6507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.776.4209 Fax: 773.776.4014 Email: cgroup@corba.com			CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT				
PLOT SCALE = 50.0000' / IN.		CHECKED - MRJ	REVISED -						
PLOT DATE = 10/27/2010		DATE = 10/27/2010	REVISED -						



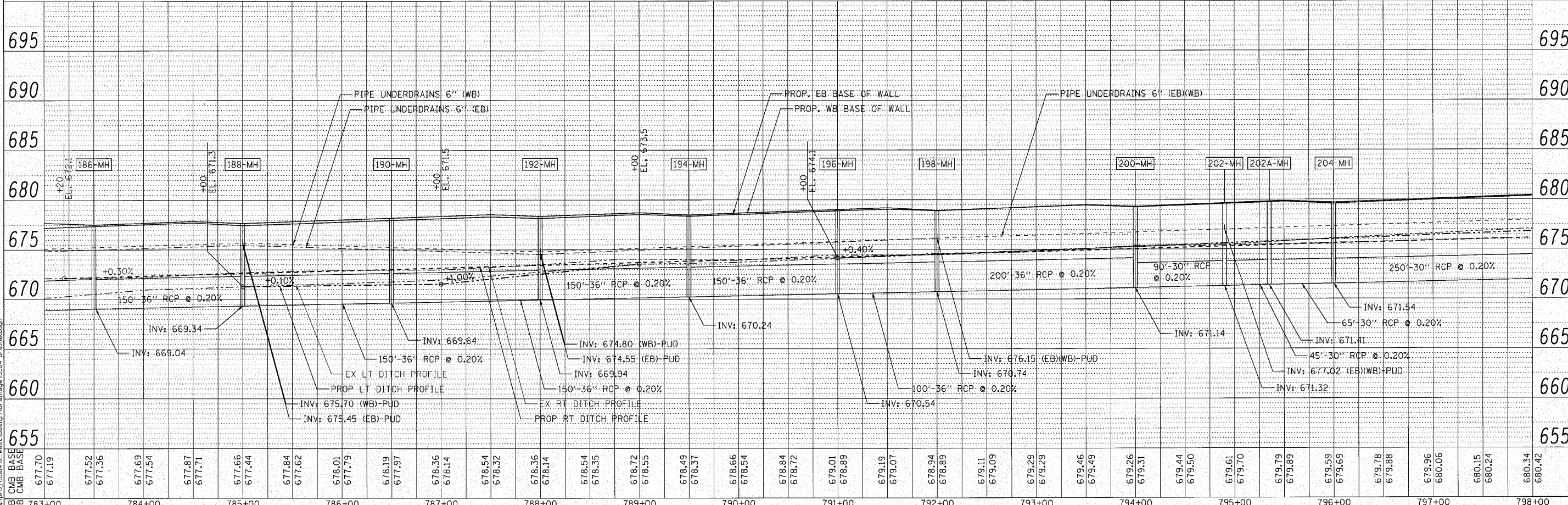
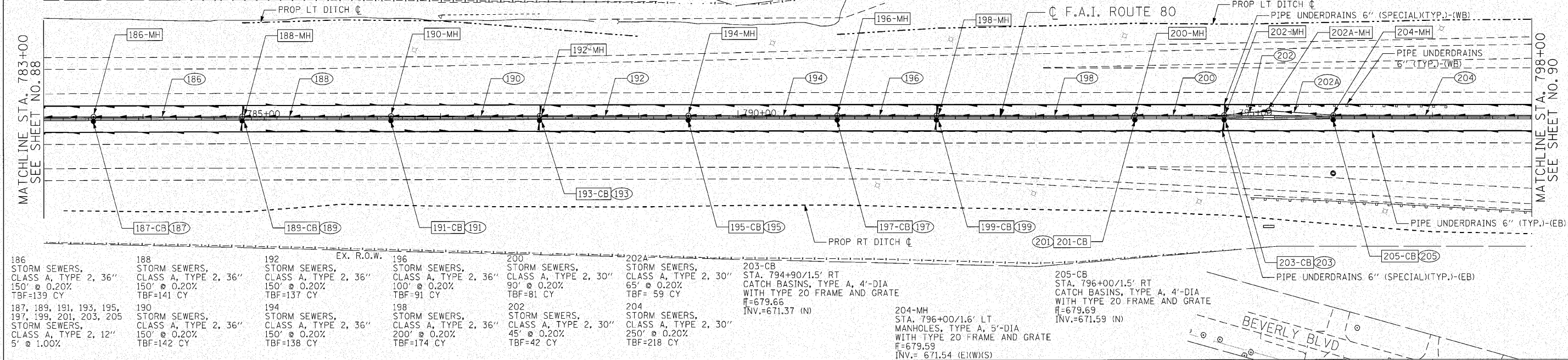
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

M:\PROJ\3384\2_Mesa\Design\Drawings\3384-dp-05.dwg
 DATE PLOTTED: 12/27/2010 10:54:00 AM
 PLOT SCALE: 1" = 50'
 PLOT DATE: 12/27/2010

ENGINEERING CONSULTANT	USER NAME = dmorr1s	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS	F.A.I. 80 FROM US 30 TO NS RAILROAD	F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.
Clorba Group, Inc. CONSULTING ENGINEERS 8507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60639 Tel: 773.778.4000 Fax: 773.778.4014 Email: clorba@clorba.com	PLOT SCALE = 50.0000' / IN. PLOT DATE = 12/27/2010	DRAWN - JMK	REVISED -	DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN AND PROFILE	80 99-5-Y WILL 276 88
					SCALE: 1" = 50' SHEET NO. 88 OF SHEETS STA. 768+00 TO STA. 783+00	CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT

186-MH STA. 783+50/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=677.52 INV.= 669.04 (E)(S)(W)	188-MH STA. 785+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=677.67 INV.= 669.34 (E)(W)(S)	190-MH STA. 786+50/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=678.19 INV.= 669.64 (E)(W)(S)	192-MH STA. 788+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=678.36 INV.= 669.94 (E)(W)(S)	194-MH STA. 789+50/1.6' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=678.49 INV.= 670.24 (E)(W)(S)	196-MH STA. 791+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=679.02 INV.= 670.54 (E)(W)(S)	198-MH STA. 792+00/1.6' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=678.94 INV.= 670.74 (E)(W)(S)	200-MH STA. 794+00/1.6' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=679.26 INV.= 671.14 (E)(W)(S)	202-MH STA. 794+90/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE R=679.58 INV.= 671.32 (E)(W)(S)
187-CB STA. 783+50/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=677.36 INV.=669.09 (N)	189-CB STA. 785+00/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=677.45 INV.=669.39 (N)	191-CB STA. 786+50/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=677.97 INV.=669.69 (N)	193-CB STA. 788+00/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=678.14 INV.=669.99 (N)	195-CB STA. 789+50/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=678.37 INV.=670.29 (N)	197-CB STA. 791+00/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=678.90 INV.=670.59 (N)	199-CB STA. 792+00/1.6' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=678.90 INV.=670.79 (N)	201-CB STA. 794+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE R=679.31 INV.=671.19 (N)	202A-MH STA. 795+35/7.0' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 1 FRAME, CLOSED LID T/F=679.85 INV.= 671.41 (E)(W)



ENGINEERING CONSULTANT	USER NAME = coarwell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 80 FROM US 30 TO NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 89
CONTRACT NO. 60147	CONTRACT NO. 60147	CONTRACT NO. 60147	CONTRACT NO. 60147		ILLINOIS FED. AID PROJECT				
SCALE: 1" = 50'	SHEET NO. 89 OF	SHEETS	STA. 783+00 TO STA. 798+00						

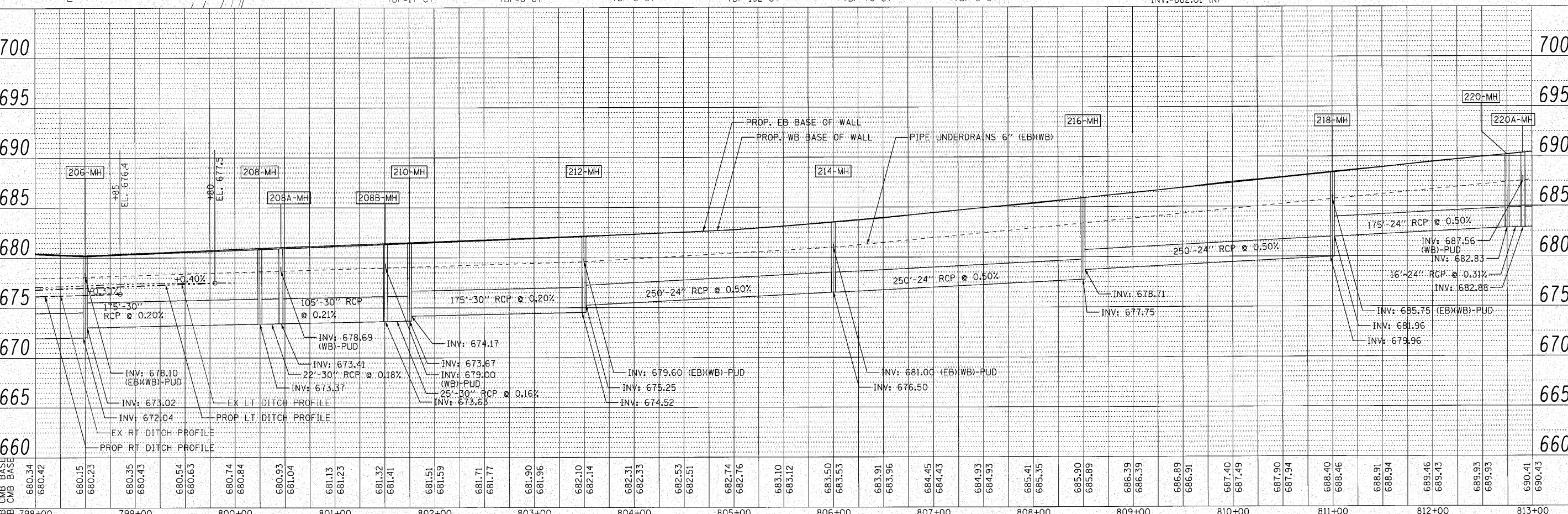
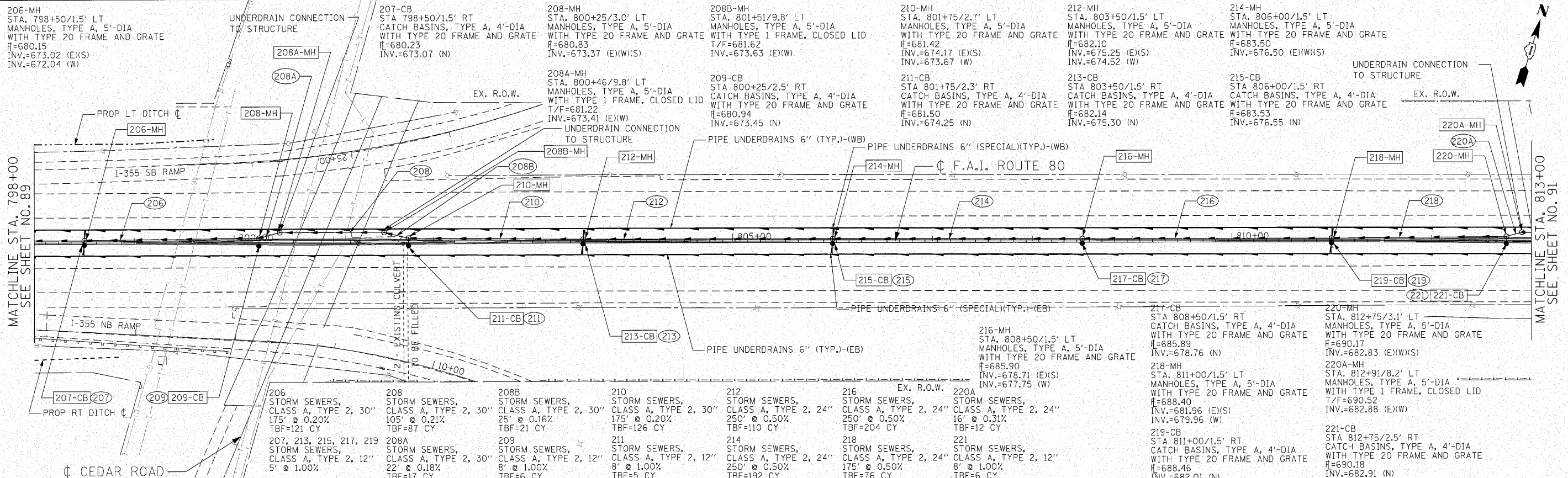
Clorba Group, Inc.
CONSULTING ENGINEERS
6607 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel: 773.778.4208 Fax: 773.778.4014
Email: clorba@clorba.com

PLOT SCALE = 5/8" = 1' IN.
PLOT DATE = 10/27/2010
DATE = 10/27/2010

PLAN
DATE
BY
SURVEYED
ALIGNED
CHECKED
DRAWN
NO.

PROFILE
DATE
BY
SURVEYED
GRADES CHECKED
E.M. NOTED
STRUCTURE NOTATIONS (P/ND)

C:\p\1388A\2 West\Design\Drawings\3884-dp-ar06.dgn



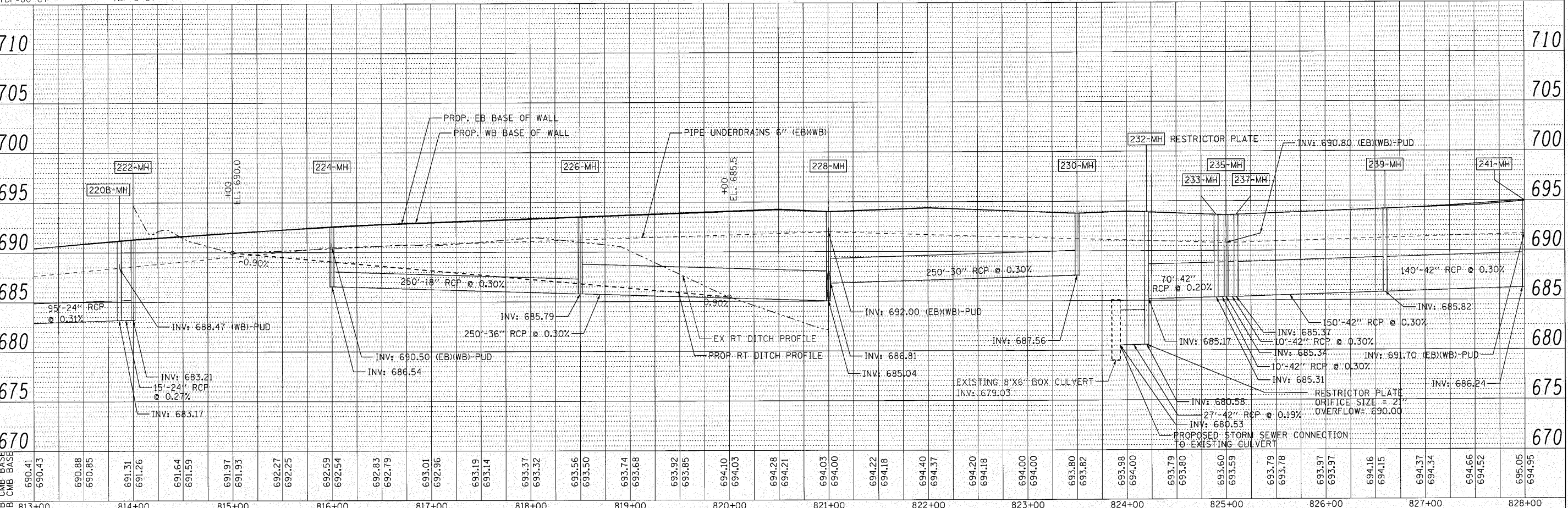
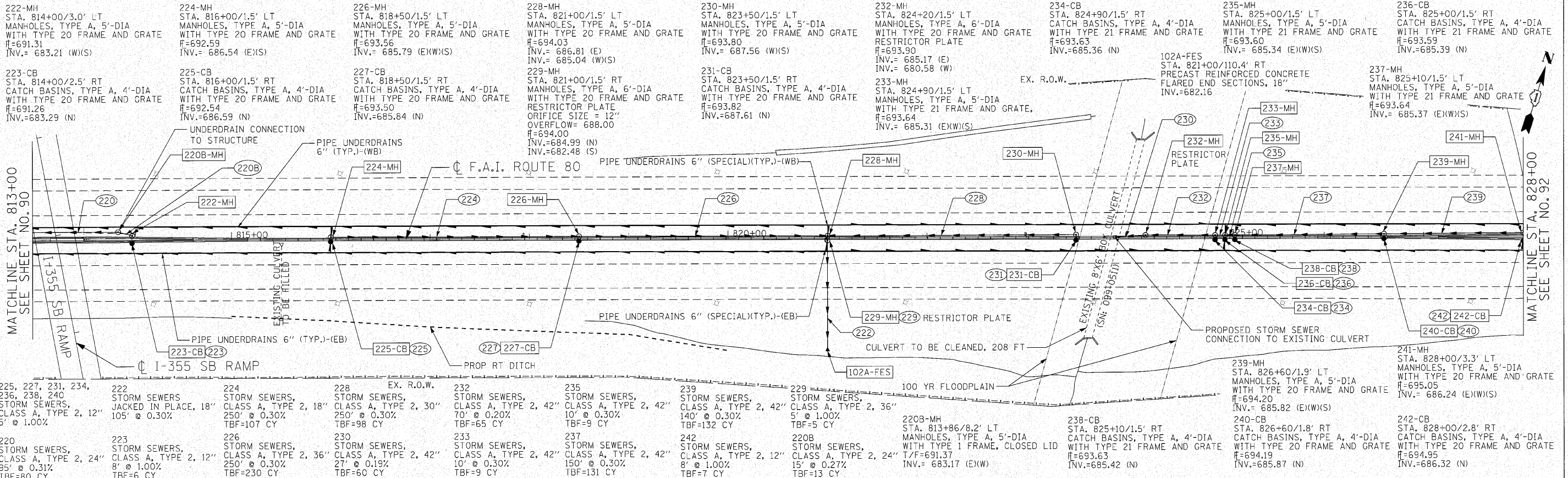
SURVEYED GRASSES CHECKED B.M. NOTED PLOT DATE: 10/27/2010	BY: [Name] DATE: [Date]	DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE	F.A.I. R.T.E. 80 SECTION 99-5-Y COUNTY WILL CONTRACT NO. 60147	TOTAL SHEETS 276 SHEET NO. 90
--	----------------------------	---	--	---	---	---	----------------------------------



PLAN	SURVEYED	BY	DATE
NOTE BOOK	GRASSES CHECKED		
NO.	B.M. NOTED		
	PLOT DATE: 10/27/2010		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRASSES CHECKED		
NO.	B.M. NOTED		
	PLOT DATE: 10/27/2010		

n:\proj\3388a\2\West\Design\Drainage\3388-Drain97.dwg



ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 6007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel: 773.775.4200 Fax: 773.775.4014 Email: clorba@clorba.com	USER NAME = coornw11 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 NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE SCALE: 1" = 50' SHEET NO. 91 OF SHEETS STA. 813+00 TO STA. 828+00	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL TOTAL SHEETS 276 SHEET NO. 91 CONTRACT NO. 60147 ILLINOIS FED. AID PROJECT
--	---	--	---	--	--

243-MH STA. 828+75/3.2' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=695.69 INV.=686.47 (E)(W)(S)

244-CB STA. 828+75/2.8' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=695.61 INV.=686.55 (N)

245-MH STA. 830+50/1.7' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=697.65 INV.=690.00 (E)(S) INV.=687.00 (W)

246-CB STA. 830+50/1.7' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=697.66 INV.=690.05 (N)

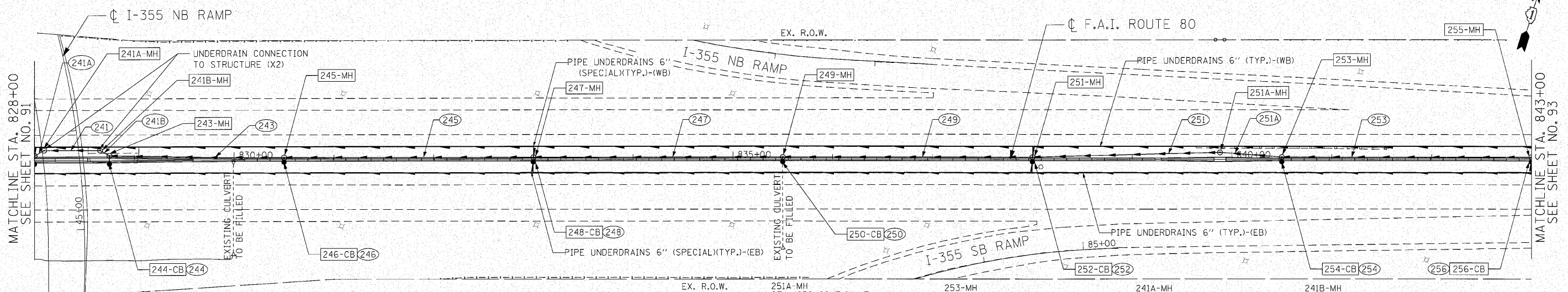
247-MH STA. 833+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=700.85 INV.=693.75 (E)(S) INV.=690.75 (W)

248-CB STA. 833+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=700.90 INV.=693.80 (N)

249-MH STA. 835+50/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=704.06 INV.=697.00 (E)(S) INV.=694.50 (W)

250-CB STA. 835+50/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=704.03 INV.=697.05 (N)

251-MH STA. 838+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=707.27 INV.=700.25 (E)(S) INV.=697.75 (W)



241 STORM SEWERS, CLASS A, TYPE 2, 42" 56' @ 0.32% TBF=63 CY

243 STORM SEWERS, CLASS A, TYPE 2, 42" 175' @ 0.30% TBF=228 CY

244 STORM SEWERS, CLASS A, TYPE 2, 12" 8' @ 1.00% TBF=8 CY

246, 248, 250, 252, 254, 256 STORM SEWERS, CLASS A, TYPE 2, 12" 5' @ 1.00% TBF=5 CY

245 STORM SEWERS, CLASS A, TYPE 2, 36" 250' @ 0.30% TBF=261 CY

247 STORM SEWERS, CLASS A, TYPE 2, 30" 250' @ 0.30% TBF=229 CY

249 STORM SEWERS, CLASS A, TYPE 2, 30" 188' @ 0.30% TBF=162 CY

251 STORM SEWERS, CLASS A, TYPE 2, 30" 250' @ 0.30% TBF=224 CY

253 STORM SEWERS, CLASS A, TYPE 2, 30" 188' @ 0.30% TBF=162 CY

255-MH STA. 839+88/7.0' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 1 FRAME, CLOSED LID T/F=709.89 INV.=700.81 (E)(W)

251A-MH STA. 840+50/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=710.47 INV.=703.50 (E)(S) INV.=701.00 (W)

252-CB STA. 838+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=707.25 INV.=700.30 (N)

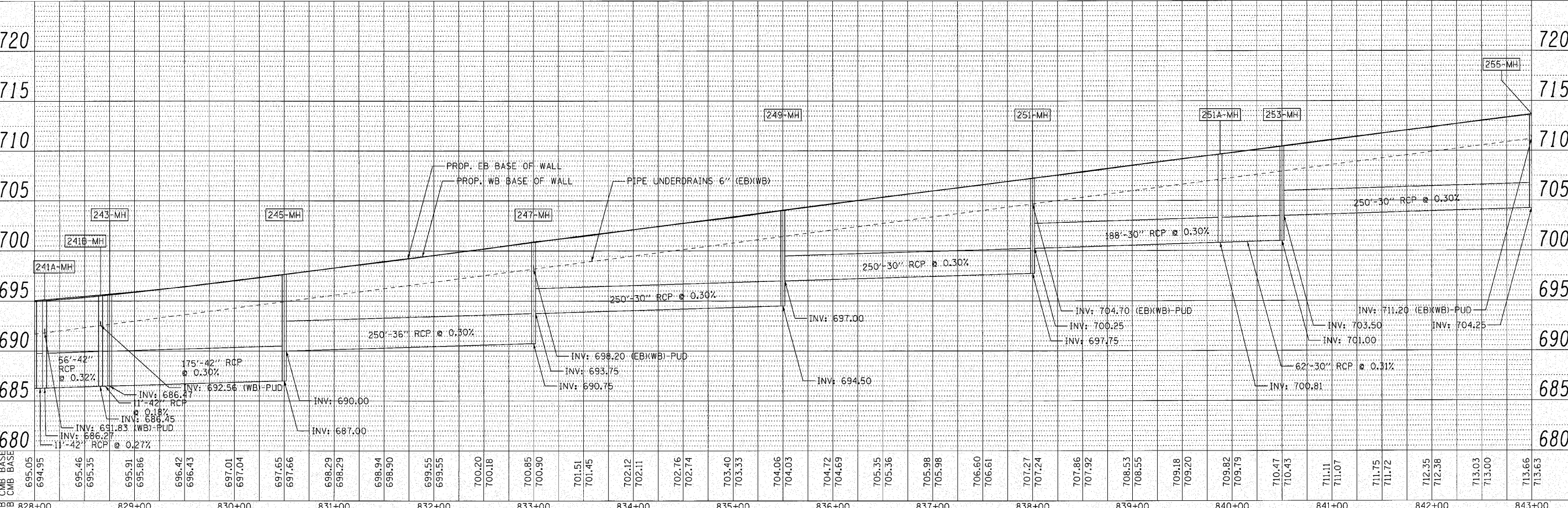
254-CB STA. 840+50/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=710.43 INV.=703.55 (N)

241A-MH STA. 828+10/9.8' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 1 FRAME, CLOSED LID T/F=695.40 INV.=686.27 (E)(W)

241B-MH STA. 828+66/9.8' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 1 FRAME, CLOSED LID T/F=695.87 INV.=686.45 (E)(W)

255-MH STA. 843+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=713.66 INV.=706.75 (E)(S) INV.=704.25 (W)

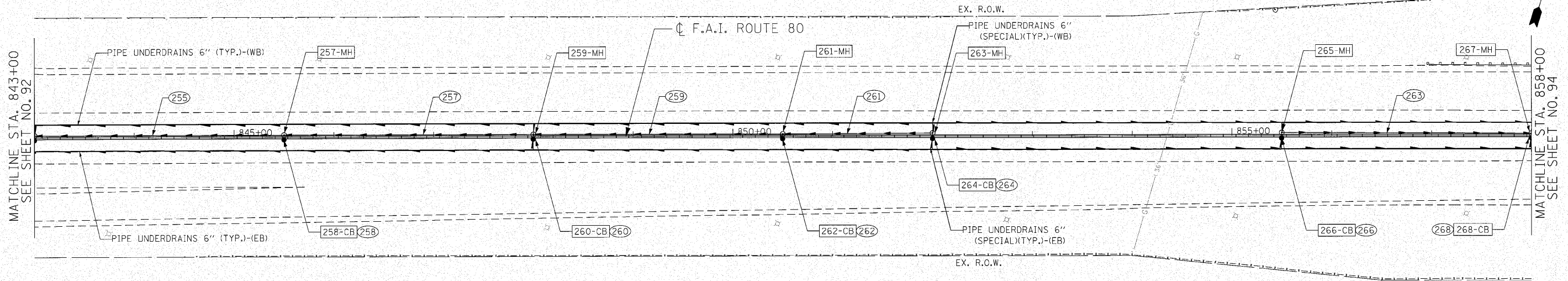
256-CB STA. 843+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=713.63 INV.=706.80 (N)



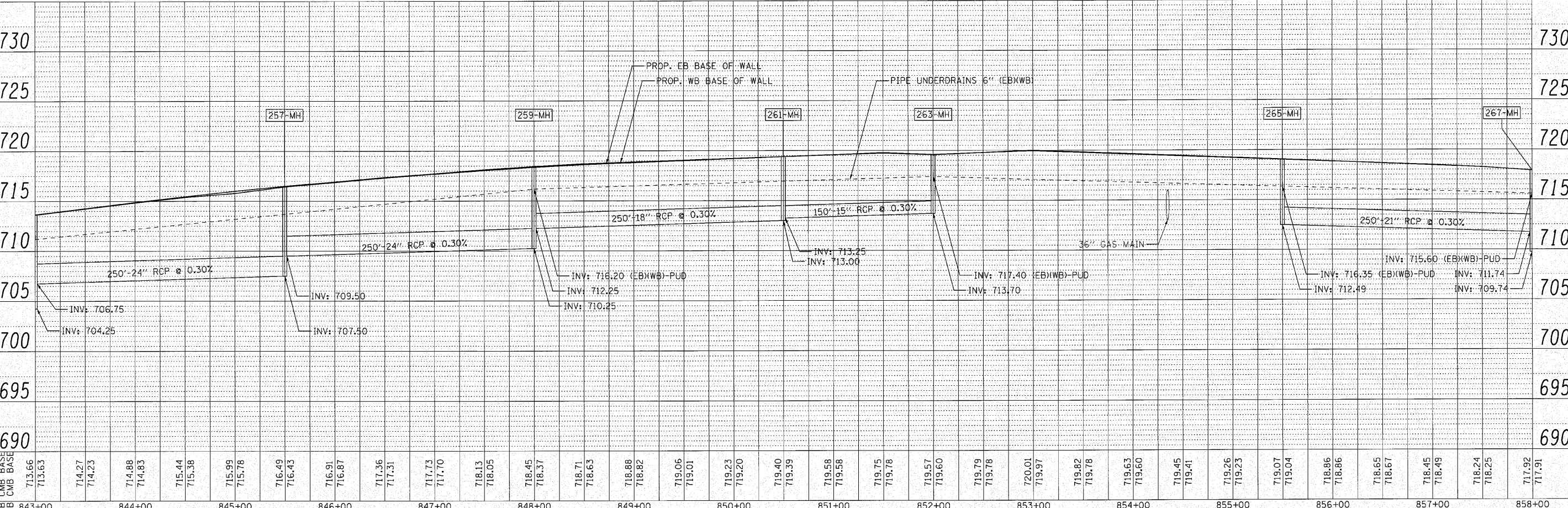
ENGINEERING CONSULTANT	USER NAME = coor@well	DESIGNED - CRC	REVISED -
CG Clorba Group, Inc.		DRAWN - JMK	REVISED -
CONSULTING ENGINEERS		CHECKED - MRJ	REVISED -
6607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4009 Fax: 773.775.4014 Email: clorba@clorba.com		DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 FROM US 30 TO NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE	
SCALE: 1" = 50'	SHEET NO. 92 OF	SHEETS	STA. 828+00 TO STA. 843+00
F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276 SHEET NO. 92
			CONTRACT NO. 60147
ILLINOIS FED. AID PROJECT			

257-MH STA. 845+50/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=716.49 INV.= 709.50 (E)(S) INV.= 707.50 (W)	258-CB STA. 845+50/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=716.43 INV.=709.55 (N)	259-MH STA. 848+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=718.45 INV.= 712.25 (E)(S) INV.= 710.25 (W)	260-CB STA. 848+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=718.37 INV.=712.30 (N)	261-MH STA. 850+50/1.5' LT MANHOLES, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=719.40 INV.= 713.25 (E)(S) INV.= 713.00 (W)	262-CB STA. 850+50/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=719.39 INV.=713.30 (N)	263-MH STA. 852+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=719.57 INV.= 713.70 (W)(S)	264-CB STA. 852+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=719.60 INV.=713.75 (N)	265-MH STA. 855+50/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=719.07 INV.= 712.49 (E)(S)
--	--	--	--	--	--	--	--	--



255 STORM SEWERS, CLASS A, TYPE 2, 24" 250' @ 0.30% TBF=211 CY	258, 260, 262, 264, 266, 268 STORM SEWERS, CLASS A, TYPE 2, 12" 5' @ 1.00%	261 STORM SEWERS, CLASS A, TYPE 2, 15" 150' @ 0.30% TBF=47 CY	266-CB STA. 855+50/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=719.04 INV.=712.54 (N)	267-MH STA. 858+00/1.5' LT MANHOLES, TYPE A, 5'-DIA WITH TYPE 20 FRAME AND GRATE H=717.92 INV.= 711.74 (W)(S) INV.= 709.74 (E)	268-CB STA. 858+00/1.5' RT CATCH BASINS, TYPE A, 4'-DIA WITH TYPE 20 FRAME AND GRATE H=717.91 INV.=711.79 (N)
257 STORM SEWERS, CLASS A, TYPE 2, 24" 250' @ 0.30% TBF=193 CY	259 STORM SEWERS, CLASS A, TYPE 2, 18" 250' @ 0.30% TBF=88 CY	263 STORM SEWERS, CLASS A, TYPE 2, 21" 250' @ 0.30% TBF=90 CY			

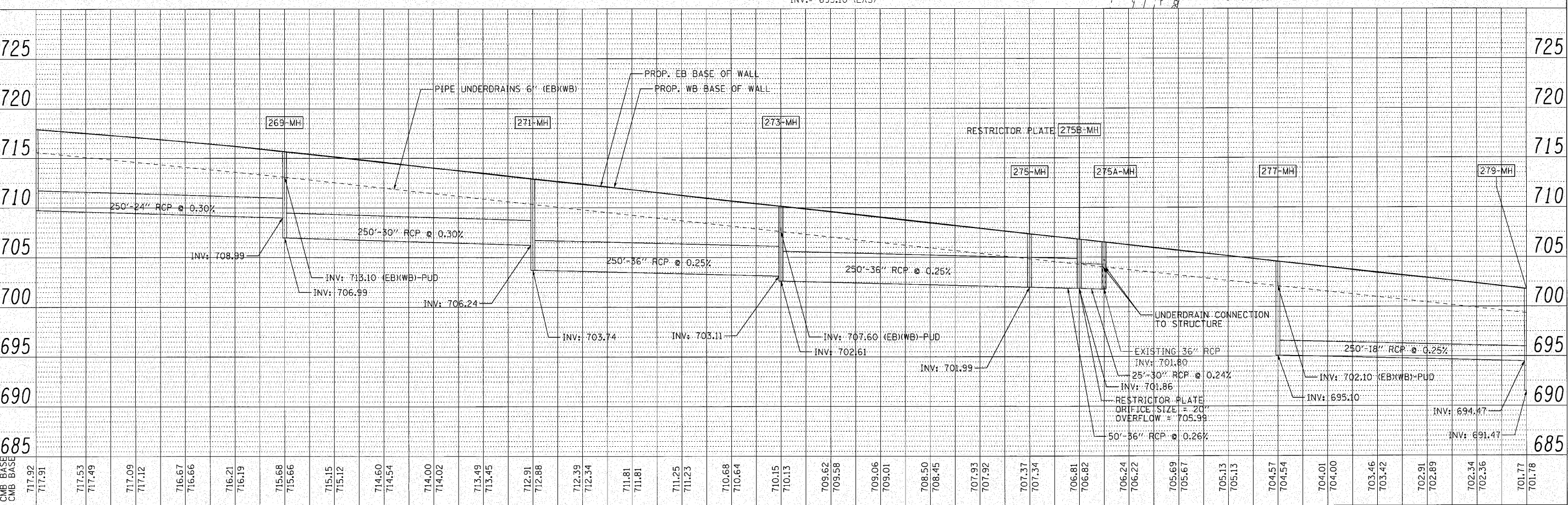
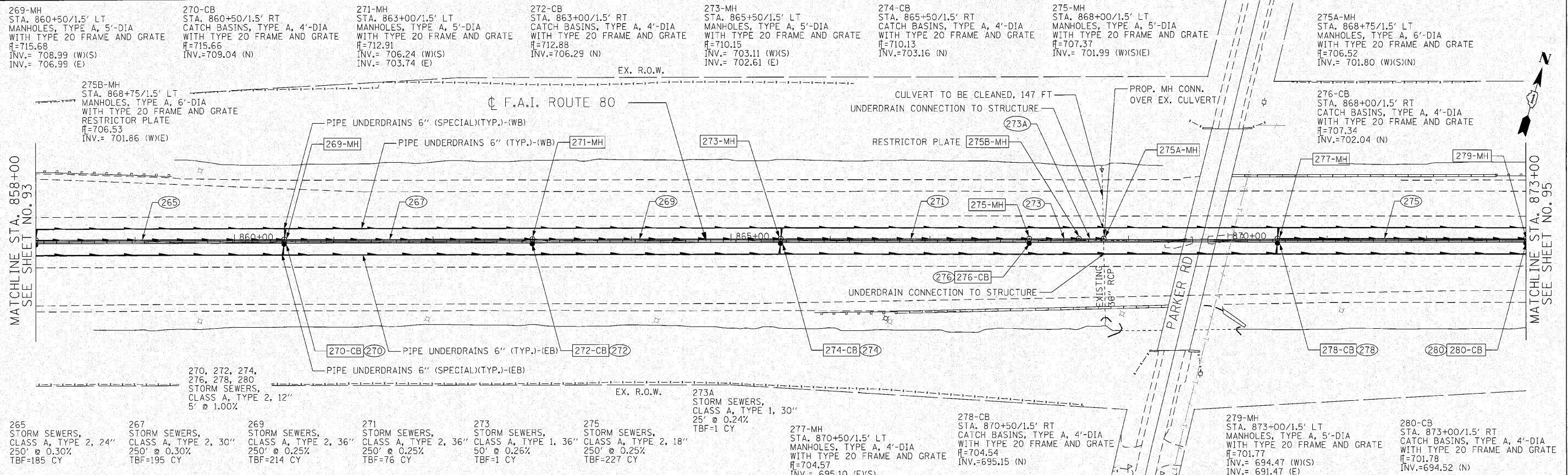


ENGINEERING CONSULTANT	USER NAME = ccornewell	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 80 FROM US 30 TO NS RAILROAD PROPOSED DRAINAGE PLAN AND PROFILE SCALE: 1" = 50' SHEET NO. 93 OF SHEETS STA. 843+00 TO STA. 858+00	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 93	
CONSULTING ENGINEERS	PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -		CONTRACT NO. 60147		ILLINOIS FED. AID PROJECT			
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel: 773.775.4208 Fax: 773.775.4014 Email: ccornewell@clorba.com	PLOT DATE = 10/27/2010	CHECKED - MRJ	REVISED -							
		DATE - 10/27/2010	REVISED -							

DATE	
BY	
REVISION	
NO.	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
REVISION	
NO.	
PROFILE	
NO.	
NO.	
NO.	
NO.	

I:\projects\3384\3384_V2 West\Design\Drawings\3384-drain18.dgn
 C:\Program Files\Autodesk\AutoCAD 2010\acad.rvt
 C:\Program Files\Autodesk\AutoCAD 2010\acad.rvt



STATION	858+00	859+00	860+00	861+00	862+00	863+00	864+00	865+00	866+00	867+00	868+00	869+00	870+00	871+00	872+00	873+00																																											
MB BASE	717.92																																																										
WB BASE	717.91																																																										
717.53	717.49	717.09	717.12	716.67	716.66	716.21	716.19	715.68	715.66	715.15	715.12	714.60	714.54	714.00	714.02	713.49	713.45	712.91	712.88	712.39	712.34	711.81	711.81	711.25	711.23	710.68	710.64	710.15	710.13	709.62	709.58	709.06	709.01	708.50	708.45	707.93	707.92	707.37	707.34	706.81	706.82	706.24	706.22	705.69	705.67	705.13	705.13	704.57	704.54	704.01	704.00	703.46	703.42	702.91	702.89	702.34	702.36	701.77	701.78

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

m:\proj\32842_1\res\Design\DWG\main\3284-Drain\1.dwg
 DATE: 10/27/2010
 TIME: 10:09 AM
 USER: jmc



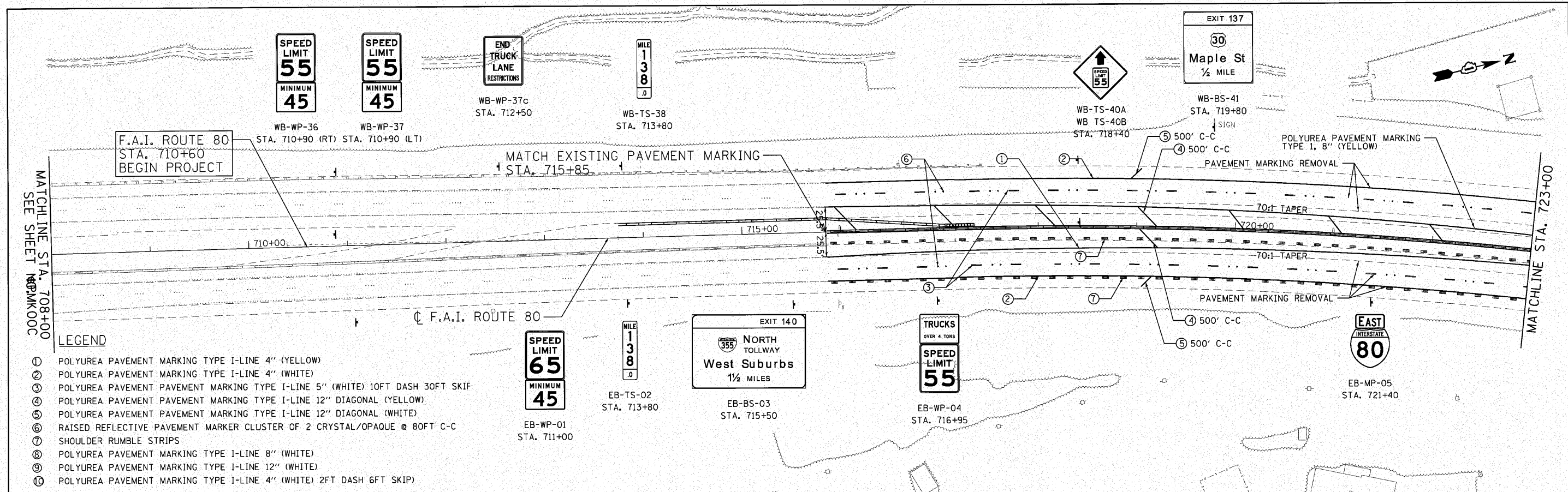
ENGINEERING CONSULTANT	USER NAME = camwell	DESIGNED - CRC	REVISED -
		DRAWN - JMK	REVISED -
		CHECKED - MRJ	REVISED -
		DATE = 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
PROPOSED DRAINAGE PLAN AND PROFILE

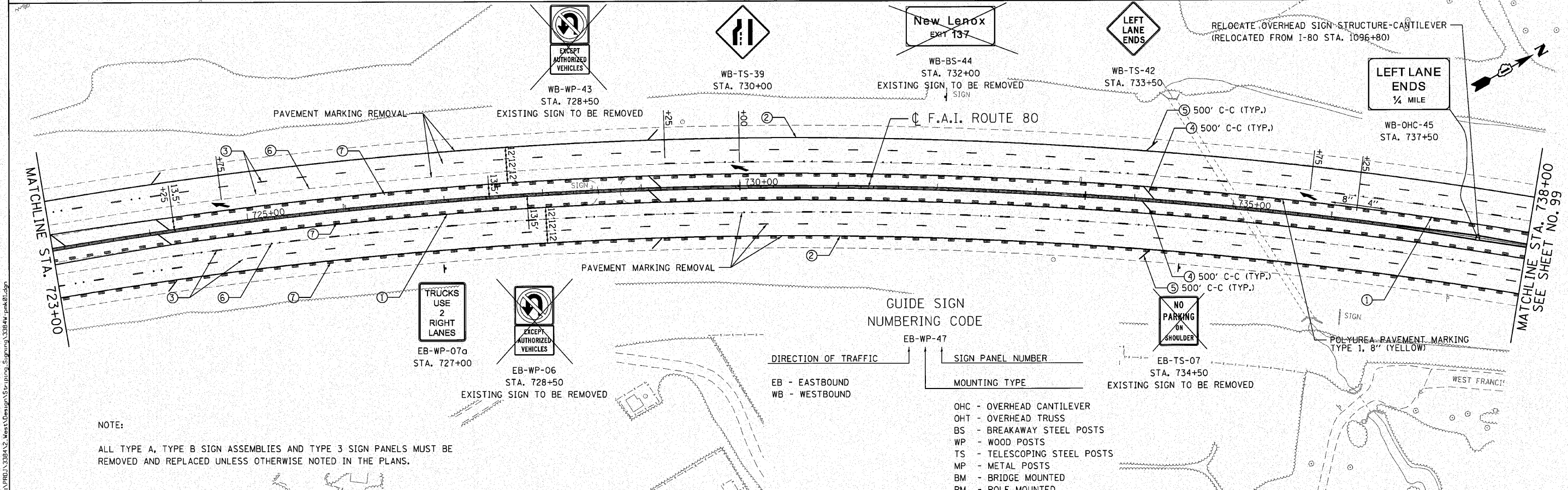
SCALE: 1" = 50' SHEET NO. 94 OF SHEETS STA. 858+00 TO STA. 873+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	94
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	



LEGEND

- ① POLYUREA PAVEMENT MARKING TYPE I-LINE 4" (YELLOW)
- ② POLYUREA PAVEMENT MARKING TYPE I-LINE 4" (WHITE)
- ③ POLYUREA PAVEMENT MARKING TYPE I-LINE 5" (WHITE) 10FT DASH 30FT SKIP
- ④ POLYUREA PAVEMENT MARKING TYPE I-LINE 12" DIAGONAL (YELLOW)
- ⑤ POLYUREA PAVEMENT MARKING TYPE I-LINE 12" DIAGONAL (WHITE)
- ⑥ RAISED REFLECTIVE PAVEMENT MARKER CLUSTER OF 2 CRYSTAL/OPAQUE @ 80FT C-C
- ⑦ SHOULDER RUMBLE STRIPS
- ⑧ POLYUREA PAVEMENT MARKING TYPE I-LINE 8" (WHITE)
- ⑨ POLYUREA PAVEMENT MARKING TYPE I-LINE 12" (WHITE)
- ⑩ POLYUREA PAVEMENT MARKING TYPE I-LINE 4" (WHITE) 2FT DASH 6FT SKIP



NOTE:

ALL TYPE A, TYPE B SIGN ASSEMBLIES AND TYPE 3 SIGN PANELS MUST BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED IN THE PLANS.

GUIDE SIGN NUMBERING CODE

EB - EASTBOUND
WB - WESTBOUND

EB-WP-47

DIRECTION OF TRAFFIC

SIGN PANEL NUMBER

MOUNTING TYPE

- OHC - OVERHEAD CANTILEVER
- OHT - OVERHEAD TRUSS
- BS - BREAKAWAY STEEL POSTS
- WP - WOOD POSTS
- TS - TELESCOPING STEEL POSTS
- MP - METAL POSTS
- BM - BRIDGE MOUNTED
- PM - POLE MOUNTED

ENGINEERING CONSULTANT

Clorba Group, Inc.
CONSULTING ENGINEERS
8507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60632
Tel: 773.776.4000 Fax: 773.776.4014
Email: chicago@clorba.com

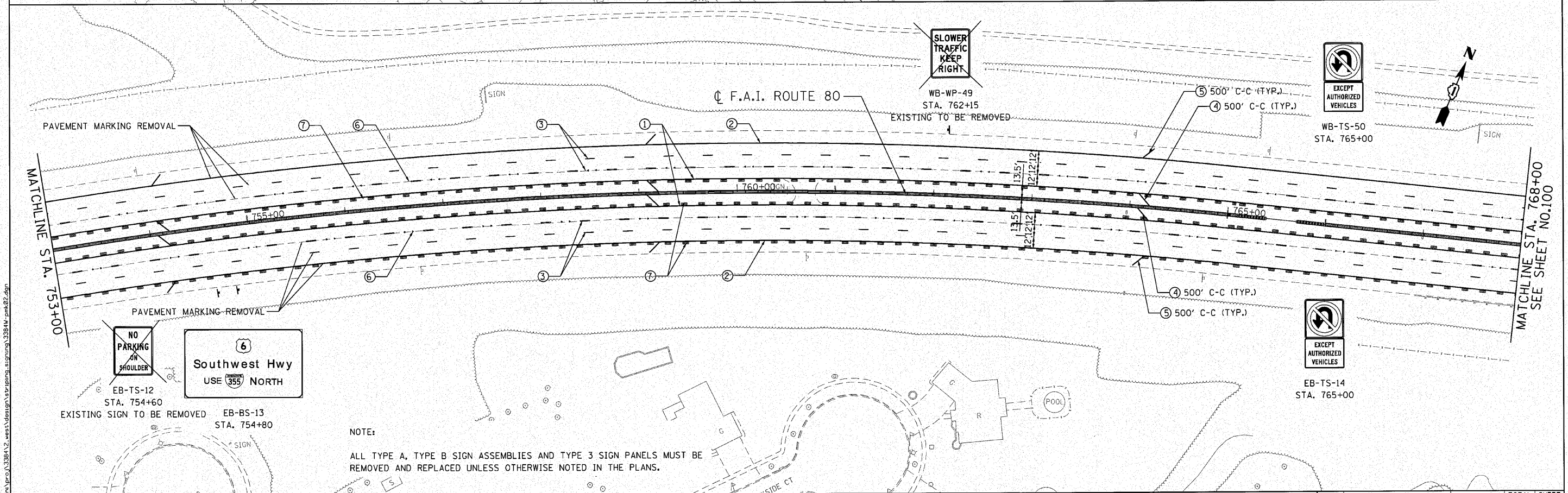
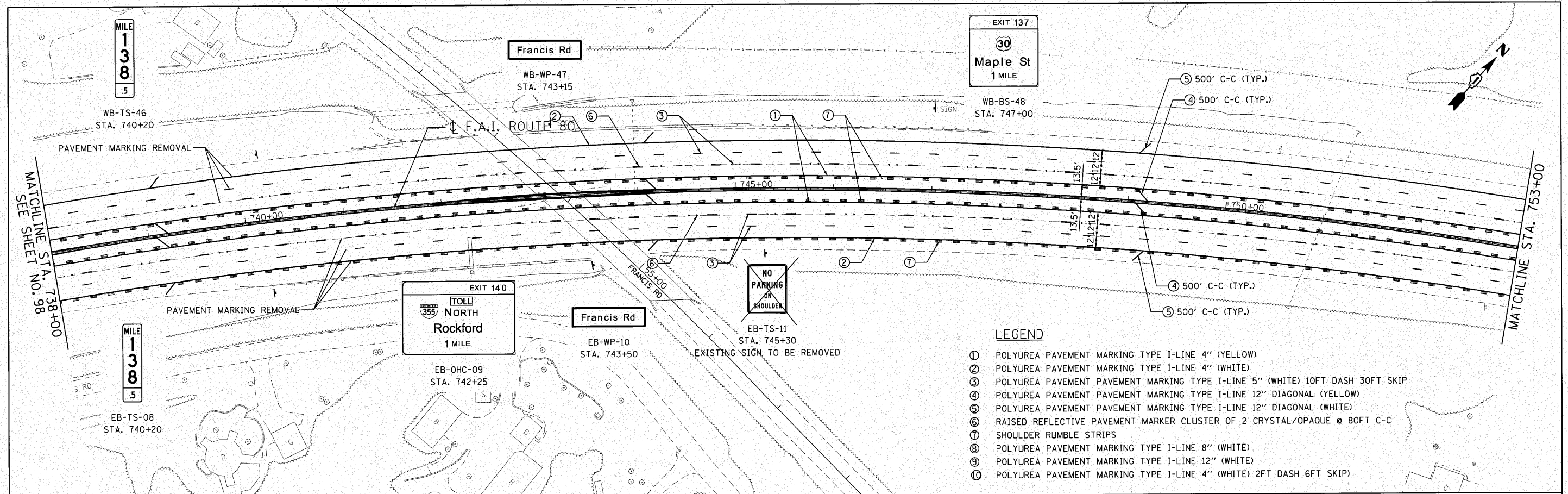
USER NAME = jkjoeliman	DESIGNED - CRC	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/3/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
PAVEMENT MARKING AND SIGNING PLAN

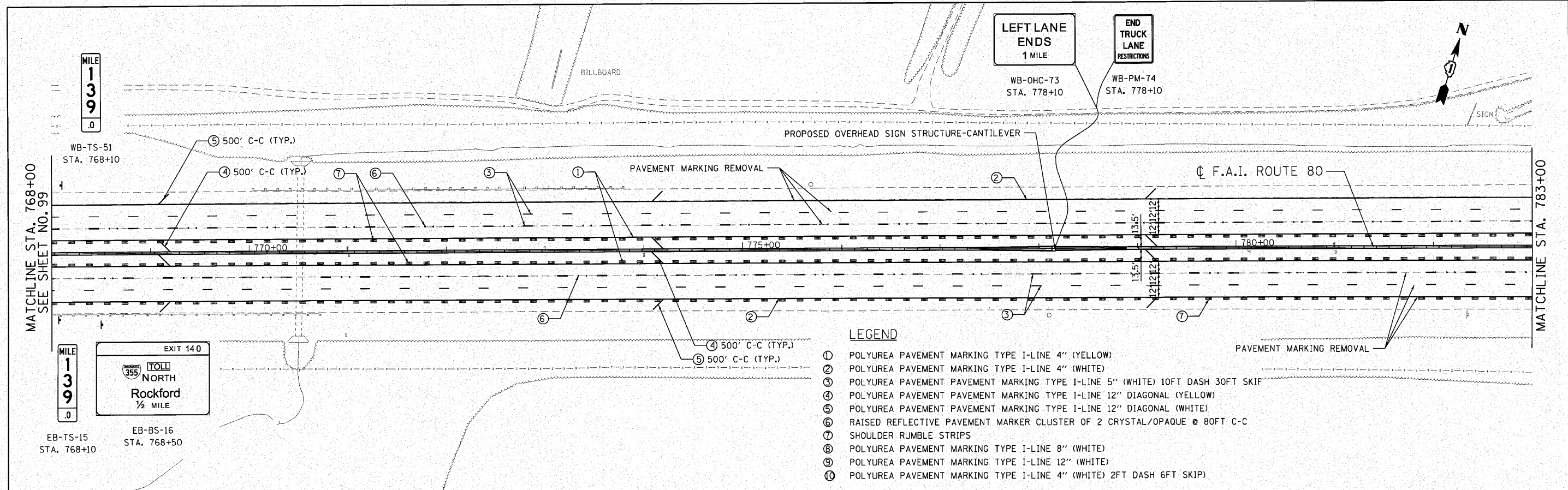
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 710+60 TO STA. 738+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	98
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	

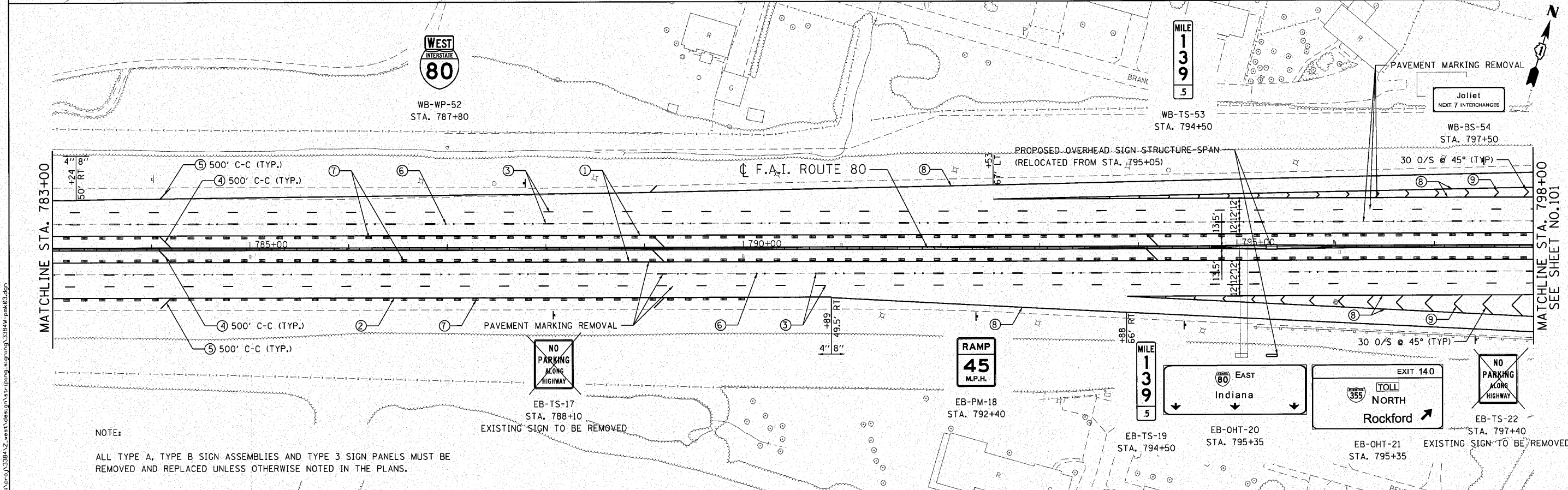


ENGINEERING CONSULTANT Ciorba Group Inc. CONSULTING ENGINEERS 5507 North Commercial Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773-775-4300 Fax: 773-775-4014 Email: chicago@ciorba.com	USER NAME = jk,jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 FROM US 30 TO NS RAILROAD PAVEMENT MARKING AND SIGNING PLAN	F.A.I. RTE. 80	SECTION 99-5-Y	COUNTY WILL	TOTAL SHEETS 276	SHEET NO. 99
	PLOT SCALE = 50,0000 "/>									

m:\p\133842 - west\design\pavement\signing\33842-work\02.dgn



- LEGEND**
- ① POLYUREA PAVEMENT MARKING TYPE I-LINE 4" (YELLOW)
 - ② POLYUREA PAVEMENT MARKING TYPE I-LINE 4" (WHITE)
 - ③ POLYUREA PAVEMENT MARKING TYPE I-LINE 5" (WHITE) 10FT DASH 30FT SKIP
 - ④ POLYUREA PAVEMENT MARKING TYPE I-LINE 12" DIAGONAL (YELLOW)
 - ⑤ POLYUREA PAVEMENT MARKING TYPE I-LINE 12" DIAGONAL (WHITE)
 - ⑥ RAISED REFLECTIVE PAVEMENT MARKER CLUSTER OF 2 CRYSTAL/OPAQUE @ 80FT C-C
 - ⑦ SHOULDER RUMBLE STRIPS
 - ⑧ POLYUREA PAVEMENT MARKING TYPE I-LINE 8" (WHITE)
 - ⑨ POLYUREA PAVEMENT MARKING TYPE I-LINE 12" (WHITE)
 - ⑩ POLYUREA PAVEMENT MARKING TYPE I-LINE 4" (WHITE) 2FT DASH 6FT SKIP



NOTE:
ALL TYPE A, TYPE B SIGN ASSEMBLIES AND TYPE 3 SIGN PANELS MUST BE REMOVED AND REPLACED UNLESS OTHERWISE NOTED IN THE PLANS.

ENGINEERING CONSULTANT

Giorba Group, Inc.
 CONSULTING ENGINEERS
 5507 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4100 Fax: 773.775.4014
 Email: cgl@giorgroup.com

USER NAME = jk,jeliman	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
PAVEMENT MARKING AND SIGNING PLAN
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 768+00 TO STA. 798+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	100
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	