

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR/CLINTON	78	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76855		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PROPOSED
HIGHWAY PLANS**

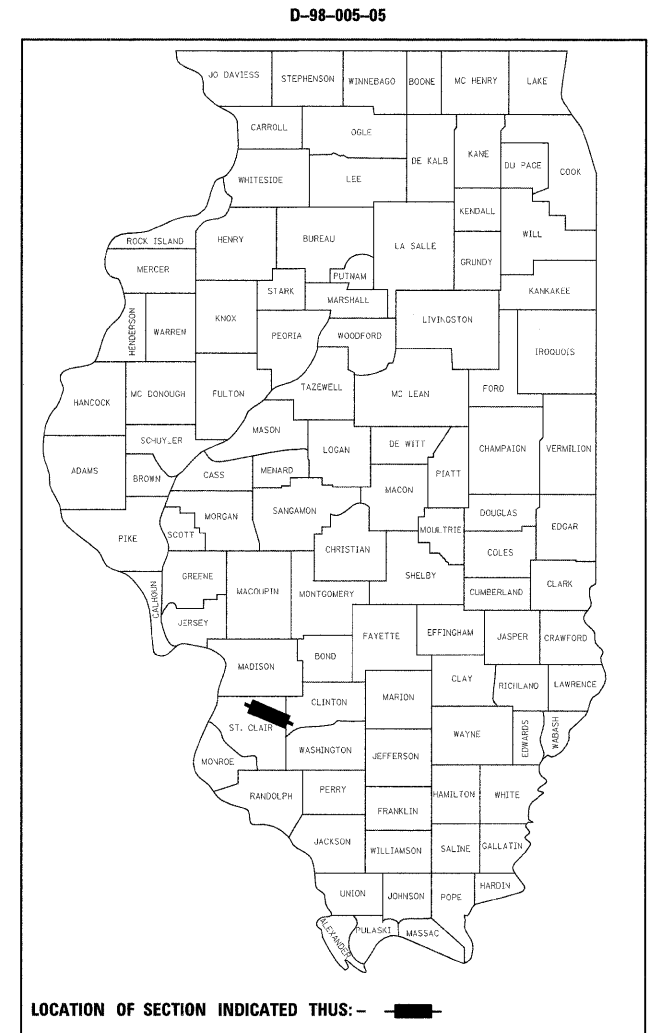
FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ADT	Begin Project to IL 4	IL 4 to IL 161	IL 161 to End Project
Current (2005):	32,600	28,600	23,700
20-Year (2025):	45,600	38,500	31,900
SU %:	3.8%	4.7%	6.5%
MU %:	19.4%	21.3%	26.5%

**FAI ROUTE 64
SECTION 82-(8,9,10)RS-3
PROJECT: IM-064-2(122)019
ST. CLAIR-CLINTON COUNTY**

**PATCHING, RESURFACING & BRIDGE REPAIR
C-98-023-05**



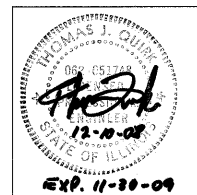
PREPARED BY:
HENRY, WEISENHEIMER & GENDE, INC.
ENGINEERS
CARLYLE, ILLINOIS 62231
(618) 594-3711

SEE SHEET 76 OF BRIDGE PLANS
FOR BRIDGE ENGINEER'S STAMP

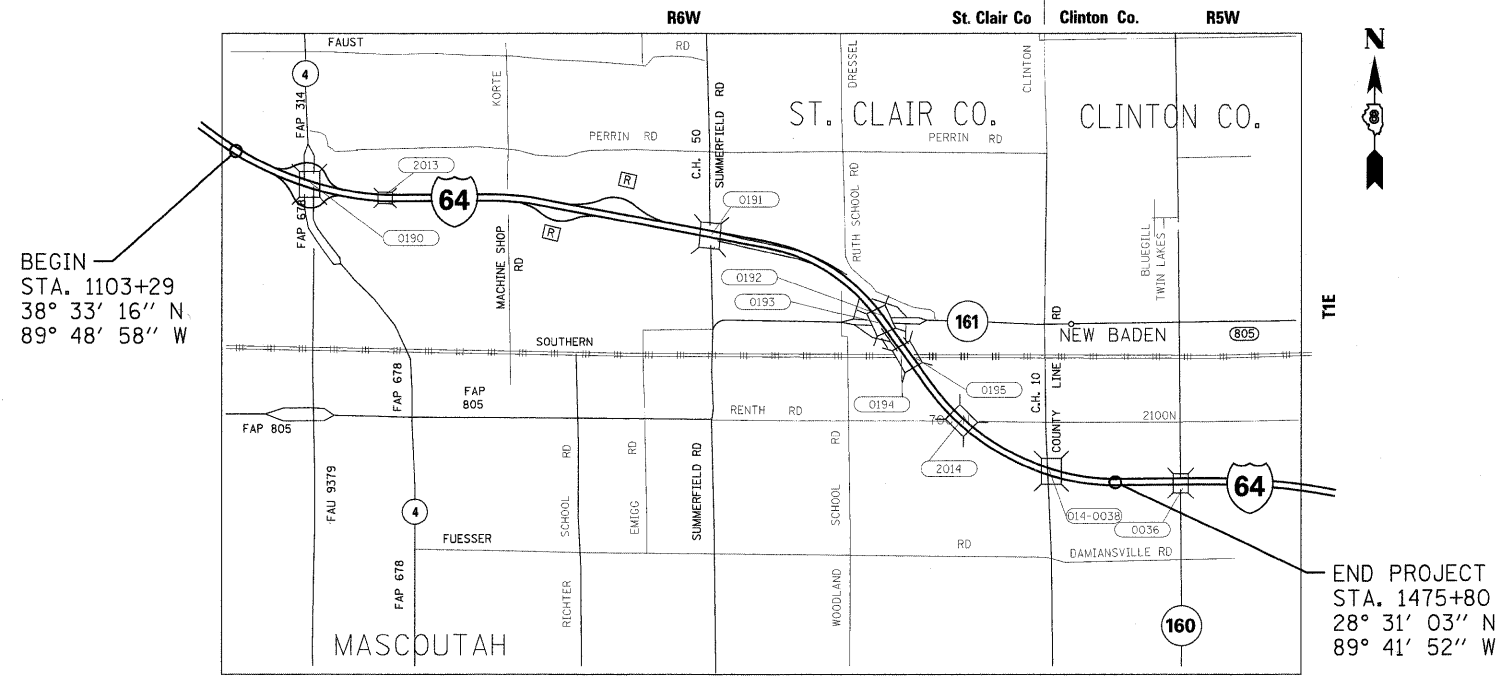
RESPONSIBLE FOR
BRIDGE REPAIR PLANS,
SHEETS 62 TO 78



GONZALEZ COMPANIES, LLC
CONSTRUCTION MANAGEMENT &
ENGINEERING CONSULTANTS



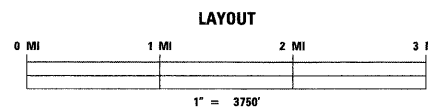
RESPONSIBLE FOR
ROADWAY PLANS,
SHEETS 1 TO 61



LOCATION MAP

MASCOUTAH & LOOKING GLASS TOWNSHIPS

GROSS LENGTH = 37,251 Feet OR 7.06 Miles
NET LENGTH = 37,251 Feet OR 7.06 Miles



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

PROJECT ENGINEER PATTI LEBEAU 618-346-3179
PROJECT MANAGER CHERYL KEPLAR 618-346-3186

CONTRACT NO. 76855

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 11, 20 08

Mary Colamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

January 30, 20 09
Charles J. Ingersoll/D
ENGINEER OF DESIGN AND ENVIRONMENT

January 30, 20 09
Christine M. Reed/D
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

PLOT DRIVER = C:\Program Files\Autodesk\AutoCAD 2004\Plot\Plotter\FULL.PLT
PEN TABLE = C:\Program Files\Autodesk\AutoCAD 2004\Plot\Plotter\FULL.PEN

GENERAL NOTES

- THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- ALL ELEVATIONS REFER TO NATIONAL GEODATIC SURVEY (N.G.S.) DATUM.
- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J. U. L. I. E. OR FOR NON MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN IP (ELECTRIC AND GAS)
 - BROADWING COMMUNICATIONS SERVICES
 - CHARTER COMMUNICATIONS, INC.
 - CLINTON COUNTY ELECTRIC COOPERATIVE
 - VILLAGE OF DAMIANVILLE (WATER & SANITARY SEWER)
 - CITY OF MASCOUAT (ELECTRIC, WATER & SANITARY SEWER)
 - PAETEC/MCLEOD USA TELECOMMUNICATIONS INC.
 - MID AMERICA ST. LOUIS AIRPORT (ELECTRIC, COMMUNICATIONS, WATER & SANITARY SEWER)
 - VILLAGE OF NEW BADEN (WATER & SANITARY SEWER)
 - SLM WATER COMMISSION
 - VERIZON NORTH, INC.

MEMBERS OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY *, NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND FACE OF CURB.
- THE MATERIAL TRANSFER DEVICE (MTD) MAY BE ALLOWED TO TRAVEL OVER STRUCTURES IF GIVEN APPROVAL FROM THE ENGINEER. THE MTD IS EMPTIED OF BITUMINOUS MATERIAL PRIOR TO CROSSING THE STRUCTURE, AND THE TIRES OF THE MTD TRAVEL ON OR IN CLOSE PROXIMITY AND PARALLEL TO THE BEAM AND/OR GIRDER LINES OF THE STRUCTURE. THE RESIDENT ENGINEER SHOULD MARK THE DECK SURFACE FOR THE LOCATION OF THE BEAMS/GIRDERS. THE COST TO EMPTY THE MTD OF BITUMINOUS MATERIAL WILL BE AT THE EXPENSE OF THE CONTRACTOR. IF THE NBIS RATING OF A STRUCTURE IS LESS THAN OR EQUAL TO 4.0 THE DEPARTMENT WILL PAY TO HAVE THE MTD MOVED ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

- AN ESTIMATED 11,700 TONS OF HMA WILL BE REMOVED.
- THE MIXTURE REQUIREMENTS SHOWN ON THIS SHEET IN THE MIXTURE REQUIREMENTS CHART ARE APPLICABLE FOR THIS PROJECT.
- EARTHWORK FOR THIS PROJECT CONSISTS OF 20 CUBIC YARDS OF EARTH EXCAVATION AND 308 CUBIC YARDS OF FURNISHED EXCAVATION.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- EXISTING TREES THAT ARE NOT SHOWN TO BE REMOVED IN THE PLANS SHALL REMAIN UNDAMAGED.
- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT ONLY A PARTIAL SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM, SOME SURVEY CONFIRMATION, AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. ALL SHALL BE CONSIDERED APPROXIMATE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS ALL INTERSECTING SIDE ROADS AND RAMPS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" FLOURESCENT ORANGE.
- INLETS REQUIRING ADJUSTMENTS SHALL BE CLEANED. COST INCIDENTAL TO THE COST OF THE INLET ADJUSTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR, EXCEPT WHERE TEMPORARY TRAFFIC SIGNALS ARE IN USE, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, INDIVIDUAL LIFTS, AND FINAL HMA SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. "WORK ZONE PAVEMENT MARKING REMOVAL" SHALL BE PAID FOR THE FINAL SURFACE ONLY.
- THE STAGE CONSTRUCTION TRAFFIC CONTROL SEQUENCE AS SHOWN IN THE PLANS IS SUGGESTED. THE CONTRACTOR MAY SUBMIT IN WRITING A PROPOSED STAGE CONSTRUCTION TRAFFIC CONTROL SEQUENCE MEETING THE TRAFFIC CONTROL STANDARDS, PLAN NOTES, AND SPECIAL PROVISIONS IN THIS CONTRACT FOR APPROVAL BY THE DEPARTMENT.
- THE TOPO, PLAN DETAILS AND NOTES ON THE PLAN SHEETS APPLY ONLY TO THE ROADWAYS INDICATED IN THE TITLE BLOCK.
- ANY REFERENCE TO BITUMINOUS CONCRETE SHALL BE INTERPRETED TO MEAN HMA.
- THE PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- RAMP RESURFACING SHALL BE PAID FOR SAME AS MAINLINE RESURFACING AND NO ADDITIONAL PAYMENT WILL BE ALLOWED.
- FINAL PAVED SHOULDER WIDTH MUST BE 6' FOR MEDIAN SHOULDERS AND 10' FOR OUTSIDE SHOULDERS AS INDICATED ON THE TYPICAL SECTIONS. ASPHALT WILL BE ALLOWED TO ROLL ONTO THE EXISTING AGGREGATE SHOULDER.

- MILLING DEPTH AND RESURFACING THICKNESS AT BRIDGE OVERPASSES ARE INDICATED ON THE RESURFACING DETAILS ALONG WITH FINAL BRIDGE CLEARANCES. THE CONTRACTOR SHALL CONFIRM BRIDGE CLEARANCES PRIOR TO RESURFACING. MINIMUM BRIDGE CLEARANCE IS 16'-0".
- IN ADDITION TO THE PORTABLE CHANGEABLE MESSAGE SIGNS INCLUDED IN THE TRAFFIC CONTROL STANDARDS, EIGHT ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGNS ARE INCLUDED AND SHALL BE PAID FOR PER CALENDAR MONTH AS CHANGEABLE MESSAGE SIGNS. THEIR EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER IN CONJUNCTION WITH THE MESSAGE SIGN DETAIL. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR ANY RELOCATION OF THESE SIGNS.
- SPEED LIMIT PHOTO ENFORCEMENT SIGNS MAY BE REQUIRED ON THIS PROJECT. IF REQUIRED, THE SIGNS WILL BE PROVIDED BY IDOT OPERATIONS. METHOD OF INSTALLATION TO BE PROVIDED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEMS.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF LOCATING UNDERGROUND CABLE IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGH-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- IT IS THE CONTRACTOR'S OPTION TO USE THE MATERIAL TRANSFER DEVICE (MTD) ON ANY LIFT. THE PAY ITEM FOR THE MTD WILL NOT BE INCLUDED IN THIS CONTRACT.

COMMITMENTS

NONE

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 mm) THRU 54" (1350 mm) PIPE)
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24 (B-15.60)
610001-04	SHOULDER INLET WITH CURB
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-01	SHOULDER RUMBLE STRIPS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMPS FOR SPEEDS ≥ 45 MPH
701423-03	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

MIXTURE REQUIREMENTS-SUPERPAVE PROJECT

ROUTE	FAI 64
SECTION	82-(8,9,10)RS-3
COUNTY	ST. CLAIR & CLINTON
CONTRACT	76855

DESCRIPTION:	RESURFACING AND BRIDGE REHABILITATION ON I-64 FROM 0.5 MILES WEST OF RTE. 4 TO 0.3 MILES EAST OF C.H.10A
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ADT (Construction Yr)	32600
MU%:	19.4
SU%:	3.8
20YR. ESAL'S:	38.93

MIXTURE USE	SMA SURFACE	BINDER/PATCHING	TEMP. WIDENING	CROSS OVERS	Partial Depth Patch
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	0%	10%	10%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=105	4.0% @ Ndes=105	4.0% @ Ndes=105	4.0% @ Ndes=105
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICITION AGG	SMA	MIXTURE "B"	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS	TOP LIFT BINDER	LOCAL SURF	LOCAL BINDER
AC/PG	PG 64-22	PG 64-22	SBS 76-22		
RAP % (MAX)	30%	30%	10%		
DESIGN AIR VOIDS	2.0% @ Ndes=30	2.0% @ Ndes=30	4.0% @ Ndes=105		
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICITION AGG	BAM	BAM	MIXTURE "B"		

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Hot Mix Asphalt Surface Course Items are calculated using a unit weight of 112 lbs/sq. yd./inch

INDEX OF SHEETS

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67-69	S.N. 082-0191 REPAIR PLAN SHEETS
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73-75	S.N. 082-0194 & 0195 REPAIR PLAN SHEETS
76-78	S.N. 014-0038 REPAIR PLAN SHEETS

FILE NAME =	USER NAME = tebbemg	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Documents and Settings\keplear\Local Settings\Temporary Internet Files\Content.IE5\...	Settings\Temporary Internet Files\Content.IE5\...	DRAWN 50ARW/D8SCF5-shr:gennote.dgn	REVISED -					64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	2
PLOT SCALE = 8.0417 "/ IN.	CHECKED - TJQ	DATE - 12/12/08	REVISED -		CONTRACT NO. 76855							
PLOT DATE = 1/30/2009					SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	ST. CLAIR CO.		CLINTON CO.		ST. CLAIR COUNTY					-----	-----	-----
				1000-2A ST. CLAIR CO. 90% FED 10% STATE	1000-2A CLINTON CO. 90% FED 10% STATE	X231-2A 082-0190 90% FED 10% STATE	X231-2A 080-0191 90% FED 10% STATE	X231-2A 014-0038 90% FED 10% STATE	X231-2A 082-0192 90% FED 10% STATE	X231-2A 082-0193 90% FED 10% STATE	X131-2A 082-0194 90% FED 10% STATE	X131-2A 082-0195 90% FED 10% STATE			
CODE NO	ITEM	UNIT													
20200100	EARTH EXCAVATION	CU YD	20	20											
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10	10											
20400800	FURNISHED EXCAVATION	CU YD	525	525											
25000200	SEEDING, CLASS 2	ACRE	2	2											
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	157	157											
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	157	157											
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	157	157											
25100120	MULCH, METHOD 2	TON	4	4											
28000300	TEMPORARY DITCH CHECKS	EACH	6	6											
28000400	PERIMETER EROSION BARRIER	FOOT	1727	1727											
28000500	INLET AND PIPE PROTECTION	EACH	3	3											
35600724	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	SQ YD	393	393											
31102100	SUB-BASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	529	529											
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	216	206	10										
40600300	AGGREGATE (PRIME COAT)	TON	325	310	15										
40600305	CONSTRUCTING TEST STRIP	EACH	2	2											
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	436	218	218										
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	864	864											
40600990	TEMPORARY RAMP	SQ YD	396	360	36										
X0326322	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, SPECIAL	TON	0.3			0.3									
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	27,292	26,011	1281										
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	111				61	50							
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	190057	181885	8172										
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	3373	3373											
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	360	360											
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	1080	1080											
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	454	454											
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2312	2312											
44000300	CURB REMOVAL	FOOT	1550	1550											
44000400	GUTTER REMOVAL	FOOT	104	104											
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	498	498											
X0326321	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 1 1/2", SPECIAL	SQ YD	3			3									
40603095	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	27,292	26,011	1281										

Rev. ST. CLAIR & CLINTON

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY	TOTAL SHEETS 78	SHEET NO. 3	
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -								
PLOT DATE = 12/11/2008		DATE -	REVISED -								
						SCALE: _____		SHEET NO. 1 OF 4 SHEETS		STA. _____ TO STA. _____	
FED. ROAD DIST. NO. _____ [ILLINOIS] FED. AID PROJECT											

CONTRACT NO. 76855

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	ST. CLAIR CO.		CLINTON CO.		ST. CLAIR COUNTY				-----	-----	-----
				1000-2A ST. CLAIR CO. 90% FED 10% STATE	1000-2A CLINTON CO. 90% FED 10% STATE	X231-2A 082-0190 90% FED 10% STATE	X231-2A 082-0191 90% FED 10% STATE	X231-2A 014-0038 90% FED 10% STATE	X231-2A 082-0192 90% FED 10% STATE	X231-2A 082-0193 90% FED 10% STATE	X131-2A 082-0194 90% FED 10% STATE			
CODE NO	ITEM	UNIT												
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SQ YD	78	78										
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	292	292										
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	11	11										
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	71	71										
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	16	16										
44201296	DEFORMED BARS - EXPANSION JOINT	EACH	14	14										
44213000	PATCHING REINFORCEMENT	SQ YD	77	77										
44213100	PAVEMENT FABRIC	SQ YD	71	71										
44213200	SAW CUTS	FOOT	2348	2348										
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	25,194	24,111	1083									
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	424	424										
48203100	HOT-MIX ASPHALT SHOULDERS	TON	41,673	39,888	1785									
50104000	BRIDGE RAIL REMOVAL	FOOT	1435			470	467	498						
50300260	BRIDGE DECK GROOVING	SQ YD	1712				919	793						
50300300	PROTECTIVE COAT	SQ YD	2411	115			1203	1093						
50300530	FLOOR DRAIN EXTENSION	EACH	20			12		8						
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1										
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1	1										
50100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	3			3								
58700300	CONCRETE SEALER	SQ FT	40170						10460	10460	9414	9836		
60260100	INLETS TO BE ADJUSTED	EACH	7	7										
60260200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	1	1										
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	7	7										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	256	256										
*63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	3597	3597										
*63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	938	938										
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	7										
*63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	10	10										
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7										
*63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	6	6										
63200310	GUARDRAIL REMOVAL	FOOT	5465	5465										
63500105	DELINEATORS	EACH	304	296	8									

*Specialty Items

Rev. *ST. CLAIR & CLINTON

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY	TOTAL SHEETS 78	SHEET NO. 4
or\pwr_work\pwr\dot\conoverpj\dms58410\p1	09595b.dgn	DRAWN -	REVISED -			SCALE: _____ SHEET NO. 2 OF 4 SHEETS		STA. _____	TO STA. _____	
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -			FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76855
	PLOT DATE = 12/11/2008	DATE -	REVISED -							

SUMMARY OF QUANTITIES

ST. CLAIR CO. CLINTON CO. ST. CLAIR COUNTY

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE								-----	-----	-----	
CODE NO	ITEM	UNIT		1000-2A ST. CLAIR CO. 90% FED 10% STATE	1000-2A CLINTON CO. 90% FED 10% STATE	X231-2A 082-0190 90% FED 10% STATE	X231-2A 082-0191 90% FED 10% STATE	X231-2A 014-0038 90% FED 10% STATE	X231-2A 082-0192 90% FED 10% STATE	X231-2A 082-0193 90% FED 10% STATE	X131-2A 082-0194 90% FED 10% STATE				X131-2A 082-0195 90% FED 10% STATE
63500120	DELINEATOR REMOVAL	EACH	304	296	8										
64200105	SHOULDER RUMBLE STRIP	FOOT	137063	130895	6168										
66101150	HOT-MIX ASPHALT SHOULDER CURB	FOOT	1550	1550											
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12											
67100100	MOBILIZATION	L SUM	1	1											
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	4	4											
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2	2											
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	12	12											
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1											
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	2											
70106700	TEMPORARY RUMBLE STRIP	EACH	12	12											
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	96	96											
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	39160	37498	1662										
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	167294	160101	7193										
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	7489	7489											
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3231	2683	548										
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4450			1025	625	625	562.5	562.5	562.5	487.5			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4450			1025	625	625	562.5	562.5	562.5	487.5			
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	148661	142269	6392										
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	5809	5809											
*78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	18633	17832	801										
*78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	1680	1680											
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2610	2493	117										
*78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	20	20											
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	63	63											
*78200520	BARRIER WALL MARKERS, TYPE B	EACH	20	20											
*78200530	BARRIER WALL MARKERS, TYPE C	EACH	30			10	10	10							
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	13	13											
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2630	2512	118										
X0301424	SILICONE JOINT SEALER	FOOT	227			17	75	65						70	

*Specialty Items

*ST. CLAIR & CLINTON

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\conoverpj\dms58410\p1	005025b.dgn	DRAWN -	REVISED -			64	82-(8,9,10)RS-3	*	78	5
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE: -----	SHEET NO. 3 OF 4 SHEETS		STA. -----	TO STA. -----	
	PLOT DATE = 12/11/2008	DATE -	REVISED -		CONTRACT NO. 76855					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES

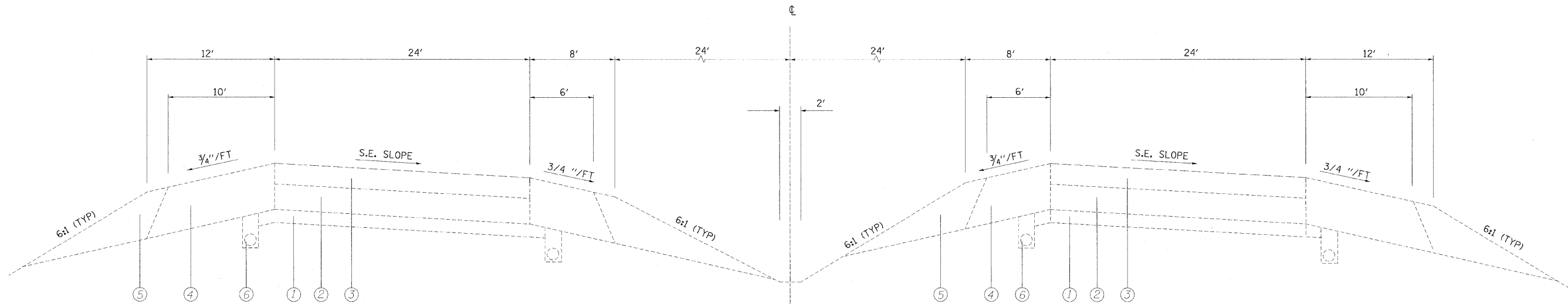
ST. CLAIR COUNTY

ST. CLAIR CO. CLINTON CO.

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE											
CODE NO	ITEM	UNIT		1000-2A ST. CLAIR CO. 90% FED 10% STATE	1000-2A CLINTON CO. 90% FED 10% STATE	X231-2A 082-0190 90% FED 10% STATE	X231-2A 082-0191 90% FED 10% STATE	X231-2A 014-0038 90% FED 10% STATE	X231-2A 082-0192 90% FED 10% STATE	X231-2A 082-0193 90% FED 10% STATE	X131-2A 082-0194 90% FED 10% STATE	X131-2A 082-0195 90% FED 10% STATE	-----	-----	-----
X0320887	POLYMER CONCRETE	CU FT	33.1			1.9	12.5	10.9							
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	472			472									
X0712400	TEMPORARY PAVEMENT	SQ YD	36	36											
X4066580	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	27789	26594	1195										
X7010825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701423 (SPECIAL)	L SUM	1	1											
XX003503	FLARED END SECTION REMOVAL	EACH	1	1											
XZ030260	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	11			2	2	2	2	2	2				
XZ193500	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/4"	SQ YD	1829				976	853							
Z0002005	ATTENUATOR BASE	SQ YD	16	8	8										
Z0006204	BRIDGE DECK HYDRO-SCARIFICATION 1/2"	SQ YD	1829				976	853							
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	1			1									
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	86			63			8	2			13		
Z0017202	DOWEL BARS 1 1/2"	EACH	784	784											
Z0027200	FURNISHING AND SETTING WOOD POSTS	EACH	8	8											
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	2	1	1										
Z0030150	IMPACT ATTENUATORS, (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	1	1										
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	10			2	2	2	1	1	1	1			
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	10			2	2	2	1	1	1	1			
Z0053750	RETROFIT CONCRETE PARAPET	FOOT	1435			470	467	498							
Z0075340	TIE BARS 1 3/8"	EACH	40	40											
X0321159	MEDIAN INLET, SPECIAL	EACH	2	2											

Rev. *ST. CLAIR & CLINTON

FILE NAME =	USER NAME = conoverpj	DESIGNED - ----	REVISED - ----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwwork\pwwid\conoverpj\dms58410\pl	00505b.dgn	DRAWN - ----	REVISED - ----		64	82-(8,9,10)RS-3	•	78	6			
	PLOT SCALE = 50.0000' / IN.	CHECKED - ----	REVISED - ----		SCALE: ----- SHEET NO. 4 OF 4 SHEETS STA. ----- TO STA. -----			CONTRACT NO. 76855				
	PLOT DATE = 12/11/2008	DATE - ----	REVISED - ----		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

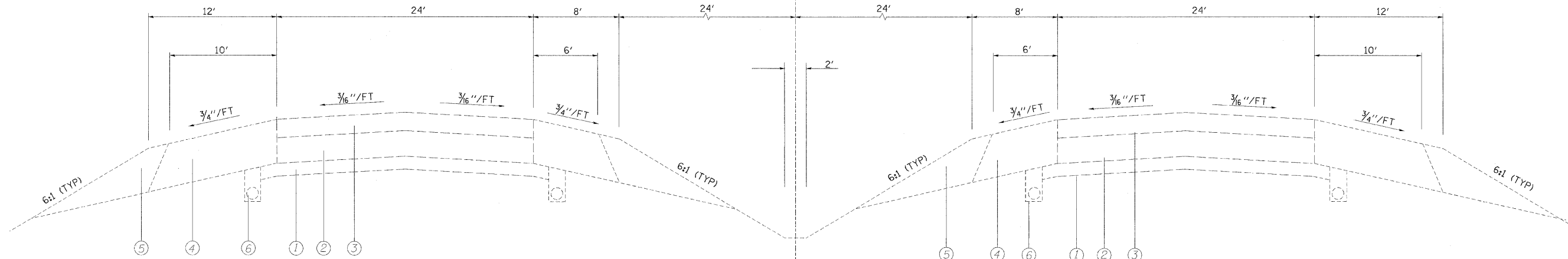


WB - SUPERELEVATION

STA. 1113+67.50 TO STA. 1138+22.60
 STA. 1144+59.17 TO STA. 1153+80.85
 STA. 1192+36.95 TO STA. 1217+33.44
 STA. 1311+77.57 TO STA. 1345+12.21
 STA. 1356+56.00 TO STA. 1358+17.01
 STA. 1376+42.69 TO STA. 1378+55.50
 STA. 1384+40.77 TO STA. 1475+80.00

EB - SUPERELEVATION

STA. 1103+29.00 TO STA. 1108+30.33
 STA. 1114+62.10 TO STA. 1136+87.50
 STA. 1148+45.54 TO STA. 1153+80.85
 STA. 1192+36.95 TO STA. 1207+95.63
 STA. 1214+30.24 TO STA. 1217+33.44
 STA. 1311+77.57 TO STA. 1345+79.31
 STA. 1351+74.80 TO STA. 1358+17.01
 STA. 1386+32.37 TO STA. 1475+80.00



WB - TANGENT SECTION

STA. 1153+80.85 TO STA. 1192+36.95
 STA. 1217+33.44 TO STA. 1228+96.44
 STA. 1243+07.48 TO STA. 1261+67.94
 STA. 1268+31.60 TO STA. 1311+77.57
 STA. 1358+17.01 TO STA. 1364+26.26
 STA. 1367+29.00 TO STA. 1376+42.69

EB - TANGENT SECTION

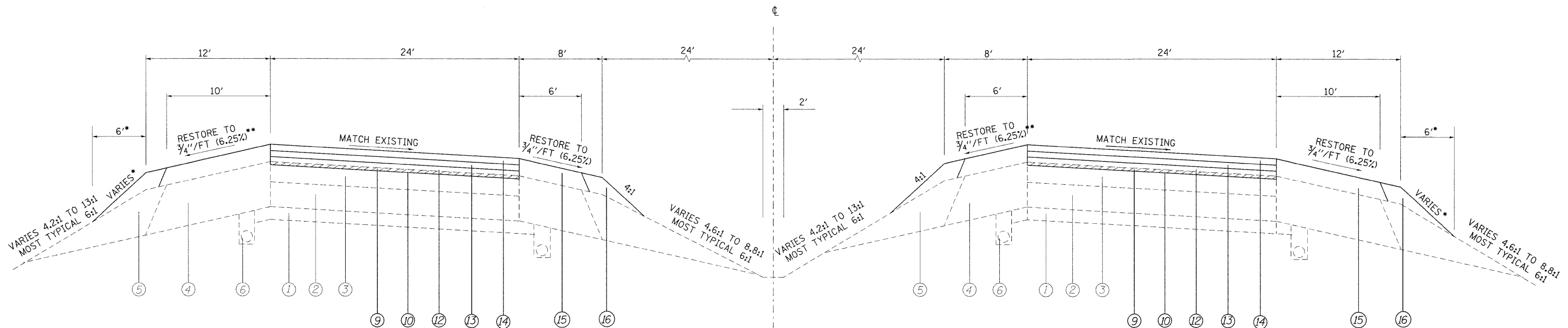
STA. 1153+80.85 TO STA. 1192+36.95
 STA. 1217+33.44 TO STA. 1233+37.75
 STA. 1247+48.74 TO STA. 1311+77.57
 STA. 1358+17.01 TO STA. 1363+71.57
 STA. 1366+74.31 TO STA. 1374+77.20

LEGEND

- ① EXISTING SUB-BASE 4"
- ② EXISTING C.R.P.C.C. PAVEMENT 8"
- ③ EXISTING RESURFACING 6-1/2" OR 8-1/4"
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑥ EXISTING PIPE UNDERDRAINS
- ⑦ (NOT USED)
- ⑧ (NOT USED)

FILE NAME = C:\PROGRAM FILES\BENTLEY\WORKSPACE\SYSTEM\PLTDRY\PRINTER-FULL.PLT
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FILE NAME = D876855-shr-typicals.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS			F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 7
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DATE - 12/12/08	REVISED - -		SCALE: NONE	SHEET NO. 1	OF 3	SHEETS	STA.	TO STA.	CONTRACT NO. 76855	
PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISED - -	REVISED - -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM												



* TOUCH-DOWN POINT FOR AGGREGATE SHOULDER WEDGE, TYPE B, TO EXISTING SLOPE SHALL BE 6' FROM EDGE OF SHOULDER. THE FLATEST SLOPE POSSIBLE SHALL BE USED WITHIN THE 6' MAXIMUM HORIZONTAL DISTANCE. THE STEEPEST ALLOWABLE AGGREGATE SLOPE SHALL BE 3:1.

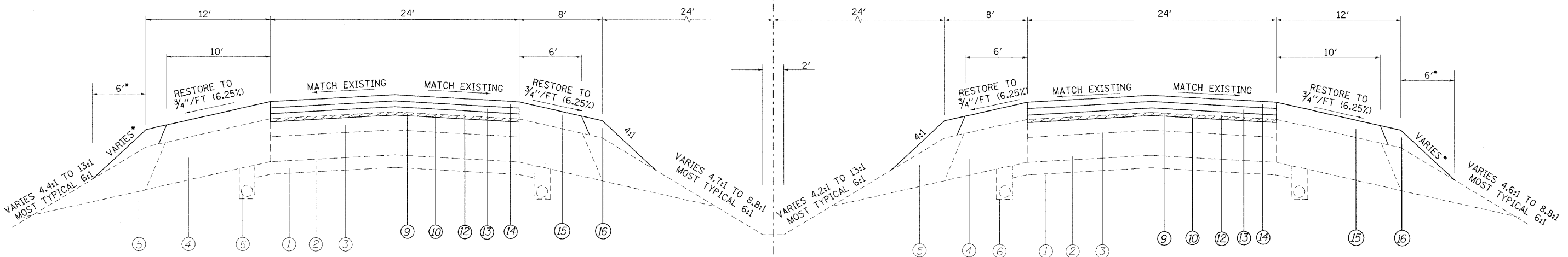
** SHOULDER SLOPE 5.2% MAX. THROUGH CURVE WHOSE S.E. SLOPE IS 2.8% (8% MAX. BREAK ALLOWED)

WB - SUPERELEVATION

STA. 1192+36.95 TO STA. 1217+33.44
 STA. 1311+77.57 TO STA. 1345+12.21
 STA. 1356+56.00 TO STA. 1358+17.01

EB - SUPERELEVATION

STA. 1192+36.95 TO STA. 1207+95.63
 STA. 1214+30.24 TO STA. 1217+33.44
 STA. 1311+77.57 TO STA. 1345+79.31
 STA. 1351+74.80 TO STA. 1358+17.01



WB - TANGENT SECTION

STA. 1153+80.85 TO STA. 1192+36.95
 STA. 1217+33.44 TO STA. 1228+96.44
 STA. 1243+07.48 TO STA. 1261+67.94
 STA. 1268+31.60 TO STA. 1311+77.57
 STA. 1358+17.01 TO STA. 1364+26.26 ***
 STA. 1367+29.00 TO STA. 1376+42.69 ***

EB - TANGENT SECTION

STA. 1153+80.85 TO STA. 1192+36.95
 STA. 1217+33.44 TO STA. 1233+37.75
 STA. 1247+48.74 TO STA. 1311+77.57
 STA. 1358+17.01 TO STA. 1363+71.57 ***
 STA. 1366+74.31 TO STA. 1374+77.20 ***

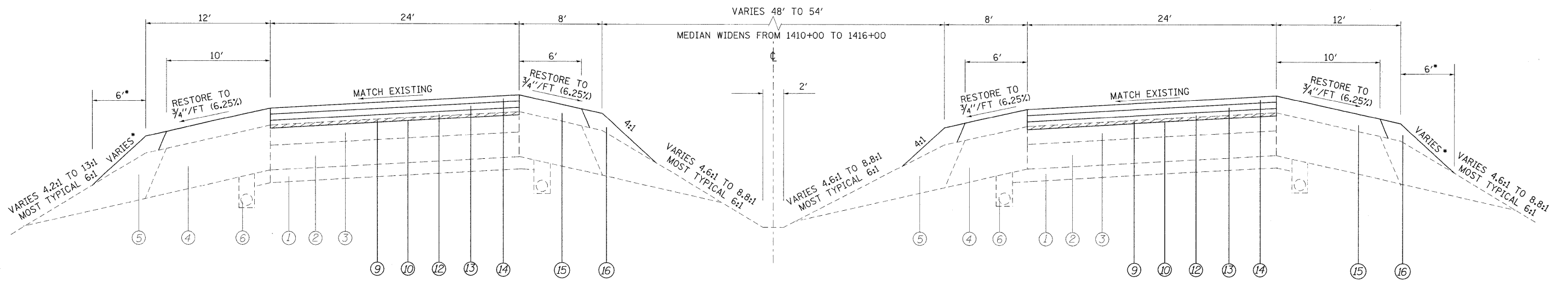
LEGEND

- ① EXISTING SUB-BASE 4"
- ② EXISTING C.R.P.C.C. PAVEMENT 8"
- ③ EXISTING RESURFACING 6-1/2" OR 8-1/4"
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑥ EXISTING PIPE UNDERDRAINS
- ⑦ (NOT USED)
- ⑧ (NOT USED)
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ (NOT USED)
- ⑫ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N105 2 1/4"
- ⑬ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE N-105 2 1/4"
- ⑭ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT N80 2"
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑯ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B

*** HMA SURFACE REMOVAL, 1" AND HMA SURFACE COURSE EXTEND TO BRIDGE DECK JOINT (SEE RESURFACING DETAILS)

FILE NAME =	USER NAME = tebbemg	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 8
C:\Documents and Settings\keplarc\Local Settings\Temporary Internet Files\Content.IE5\5DAAW9\08SCF5-shr-typos.dgn	DRAWN	CHECKED - TJQ	REVISED -		SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 76855				
PLOT SCALE = 50.0000' / IN.	DATE - 12/12/08	DATE - 12/12/08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
PLOT DATE = 1/30/2009												

PLOT DRIVER = #PLDRIVL\$
PEN TABLE = #PENTBL\$



WB - SUPERELEVATION

STA. 1113+67.50 TO STA. 1138+22.60
 STA. 1144+59.17 TO STA. 1153+80.85
 STA. 1376+42.69 TO STA. 1378+55.50
 STA. 1384+40.77 TO STA. 1475+80.00

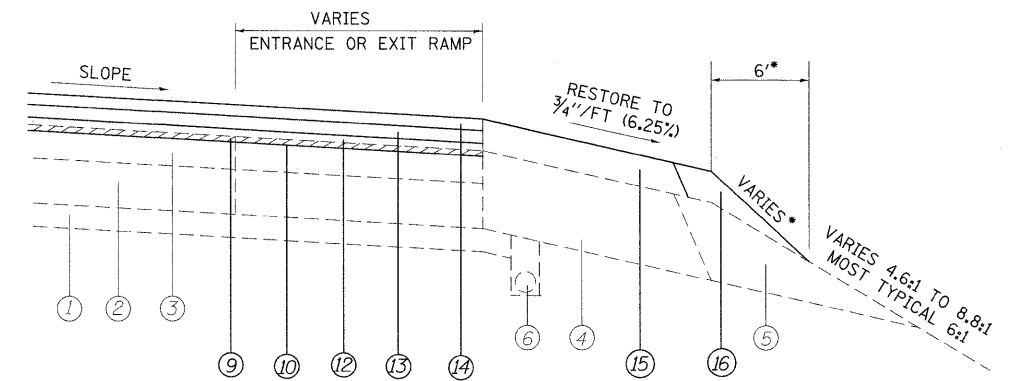
EB - SUPERELEVATION

STA. 1103+29.00 TO STA. 1108+30.33
 STA. 1114+62.10 TO STA. 1136+87.50
 STA. 1148+45.54 TO STA. 1153+80.85
 STA. 1386+32.37 TO STA. 1475+80.00

* TOUCH-DOWN POINT FOR AGGREGATE SHOULDER WEDGE, TYPE B, TO EXISTING SLOPE SHALL BE 6' FROM EDGE OF SHOULDER. THE FLATEST SLOPE POSSIBLE SHALL BE USED WITHIN THE 6' MAXIMUM HORIZONTAL DISTANCE. THE STEEPEST ALLOWABLE AGGREGATE SLOPE SHALL BE 3:1.

LEGEND

- ① EXISTING SUB-BASE 4"
- ② EXISTING C.R.P.C.C. PAVEMENT 8"
- ③ EXISTING RESURFACING 6-1/2" OR 8-1/4"
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑥ EXISTING PIPE UNDERDRAINS
- ⑦ (NOT USED)
- ⑧ (NOT USED)
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ (NOT USED)
- ⑫ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N105 2/4"
- ⑬ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE N-105 2/4"
- ⑭ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT N80 2"
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑯ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B



ENTRANCE AND EXIT RAMP

EASTBOUND

STA. 1108+30.33 TO STA. 1114+62.10
 STA. 1136+87.50 TO STA. 1148+45.54
 STA. 1207+95.63 TO STA. 1214+30.24
 STA. 1233+37.75 TO STA. 1247+48.74
 STA. 1345+79.31 TO STA. 1351+74.80
 STA. 1374+77.20 TO STA. 1379+59.33 **
 STA. 1382+34.40 TO STA. 1386+32.37 **

WESTBOUND

STA. 1103+03.00 TO STA. 1113+67.50
 STA. 1138+22.60 TO STA. 1144+59.17
 STA. 1228+96.44 TO STA. 1243+07.48
 STA. 1261+67.94 TO STA. 1268+31.60
 STA. 1345+12.21 TO STA. 1356+56.00
 STA. 1378+55.50 TO STA. 1380+27.93 **
 STA. 1383+02.78 TO STA. 1384+40.77 **

** HMA SURFACE REMOVAL, 1" AND HMA SURFACE COURSE EXTEND TO BRIDGE DECK JOINT (SEE RESURFACING DETAILS)

PLOT DRIVER = #PLTDIVL\$
 PEN TABLE = #PENTBL\$

FILE NAME =	USER NAME = tebbemg	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Documents and Settings\keplarc\Local Settings\Temporary Internet Files\Content.IE5\5DAAWQ\08SCF5-shr-typtools.dgn	PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	REVISED -					64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	9
PLOT DATE = 1/30/2009	DATE - 12/12/08	REVISED -	SCALE: NONE		SHEET NO. 3 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 76855				
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

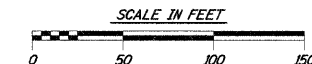
GUARDRAIL SCHEDULE							
LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A	STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL, TANGENT	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL, FLARED	GUARDRAIL REMOVAL
STATION TO STATION	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT
EASTBOUND I-64							
1124+63.70 TO 1126+25.29 (INSIDE)						1	162.0
1124+68.63 TO 1126+15.50 (INSIDE)	84.375		1			1	
1207+04.90 TO 1210+44.02 (OUTSIDE)							339.0
1207+82.63 TO 1210+42.00 (OUTSIDE)	196.875		1			1	
1284+67.13 TO 1286+04.50 (INSIDE)	71.875		1		1		
1284+86.71 TO 1286+11.42 (INSIDE)							125.0
1360+53.54 TO 1364+04.98 (OUTSIDE)							351.5
1360+63.51 TO 1364+06.03 (OUTSIDE)	246.875			1	1		
1362+81.55 TO 1364+30.15 (INSIDE)							150.0
1362+39.61 TO 1364+32.13 (INSIDE)	96.875			1		1	
1374+19.86 TO 1379+87.39 (OUTSIDE)	346.875	125.000		1	1		
1375+68.24 TO 1379+85.87 (OUTSIDE)							418.0
1378+28.80 TO 1380+21.32 (INSIDE)	96.875			1		1	
1378+70 TO 1380+19 (INSIDE)							151.0
1381+77 TO 1391+08 (OUTSIDE)							936.0
1381+74.56 TO 1390+95.21 (OUTSIDE)	50.000	812.500	1	1			
WESTBOUND I-64							
1125+43.73 TO 1127+06.12 (INSIDE)							162.5
1125+54.50 TO 1127+26.57 (INSIDE)	84.375		1			1	
1265+52.48 TO 1268+90.22 (OUTSIDE)							338.0
1285+59.49 TO 1286+72.58 (INSIDE)							114.0
1285+69.50 TO 1287+03.88 (INSIDE)	71.875		1		1		
1366+68.44 TO 1370+10.96 (INSIDE)	246.875			1	1		
1366+69.98 TO 1368+19.27 (INSIDE)							149.5
1366+95.91 TO 1370+46.44 (OUTSIDE)							350.5
1366+94.54 TO 1370+37.06 (OUTSIDE)	246.875			1	1		
1377+12.31 TO 1381+2.06 (OUTSIDE)							390.0
1377+23.12 TO 1380+93.77 (OUTSIDE)	312.500		1	1			
1382+33.02 TO 1383+93.79 (INSIDE)							161.0
1382+41.95 TO 1384+34.48 (INSIDE)	96.875			1		1	
1382+76.88 TO 1394+38.57 (OUTSIDE)							1162.0
1382+73.82 TO 1397+16.35 (OUTSIDE)	1346.875			1	1		
TOTALS	3597.0	937.5	7	10	7	6	5,460.0

CURB & GUTTER SCHEDULE							
STATION	COMBINATION CURB & GUTTER REMOVAL	CURB REMOVAL	GUTTER REMOVAL	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	HOT-MIX ASPHALT SHOULDER CURB	CLASS SI CONCRETE OUTLET	SUBBASE GRANULAR MATERIAL, TYPE C
	FOOT	FOOT	FOOT	FOOT	FOOT	CUBIC YARDS	SQUARE YARD
1231+70.74 TO 1234+34.00 (RT)	263						
1241+83.92 TO 1244+74.49 (LT)	235						
1377+12.13 TO 1381+01.83 (LT)		390					
1382+76.62 TO 1394+38.14 (LT)		1160					
1231+72.25 TO 1233+22.48 (RT)				155.7			43
1233+22.48 TO 1233+40.88 (RT)						1.5	11
1243+20.65 TO 1243+78.62 (LT)						4.8	23
1243+78.62 TO 1244+73.73 (LT)				99.7			28
1234+34.00 TO 1234+80.50 (RT)			47				
1241+83.77 TO 1241+39.89 (LT)			57				
1377+12.13 TO 1381+01.83 (LT)					390.0		
1382+76.62 TO 1394+38.14 (LT)					1160.0		
TOTALS	498	1550	104	255.4	1550.0	6.3	105

WOOD POST SCHEDULE	
LOCATION	FURNISHING AND SETTING WOOD POSTS EACH
1172+00 MEDIAN	5
1205+00 MEDIAN	3
TOTAL	8

PAVING SCHEDULE							
STATION/LOCATION		BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N105	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-19.0, N105	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT, N80	TON	TON
TO	FROM						
EASTBOUND I-64							
1103+29.00	TO 1364+25.00	MAINLINE	22	8860	8860	7918	
300+00.00	TO 308+09.00	DECEL+RAMP C	1	186	186	165	
410+44.00	TO 1148+45.54	RAMP D+ACCEL	1	211	211	187	
1207+95.63	TO 17+63.00	DECEL+RAMP	1	159	159	142	
37+97.00	TO 1247+48.74	RAMP+ACCEL	1	287	287	255	
1345+79.31	TO 1351+74.80	DECEL+RAMP C	1	174	174	155	
1366+19.00	TO 1380+20.00	MAINLINE	1	394	394	437	
1374+77.72	TO 1380+20.00	RAMP D+ACCEL	1	163	163	145	
1381+70.00	TO 1475+80.00	MAINLINE	8	3152	3152	2857	
WESTBOUND I-64							
1103+03.00	TO 1364+80.00	MAINLINE	22	8887	8887	7943	
1102+03.00	TO 1113+67.50	ACCEL+RAMP A	1	224	224	199	
208+09.00	TO 1144+59.17	RAMP B+DECEL	1	186	186	166	
1228+96.44	TO 37+23.00	ACCEL+RAMP	1	278	278	248	
17+58.00	TO 1268+31.60	RAMP+DECEL	1	166	166	148	
1345+12.21	TO 113+94.00	ACCEL+RAMP A	1	229	229	204	
1366+07.50	TO 1380+95.00	MAINLINE	1	399	399	441	
207+58.00	TO 1380+70.00	RAMP B+DECEL	1	124	124	111	
1382+37.50	TO 1475+80.00	MAINLINE	8	3129	3129	2836	
CROSSOVERS							
1162+56	TO 1163+00		26	28	28		
1322+06	TO 1322+49		24	25	25		
1429+28	TO 1429+82		30	31	31		
TOTALS			154	27292	27292	24557	

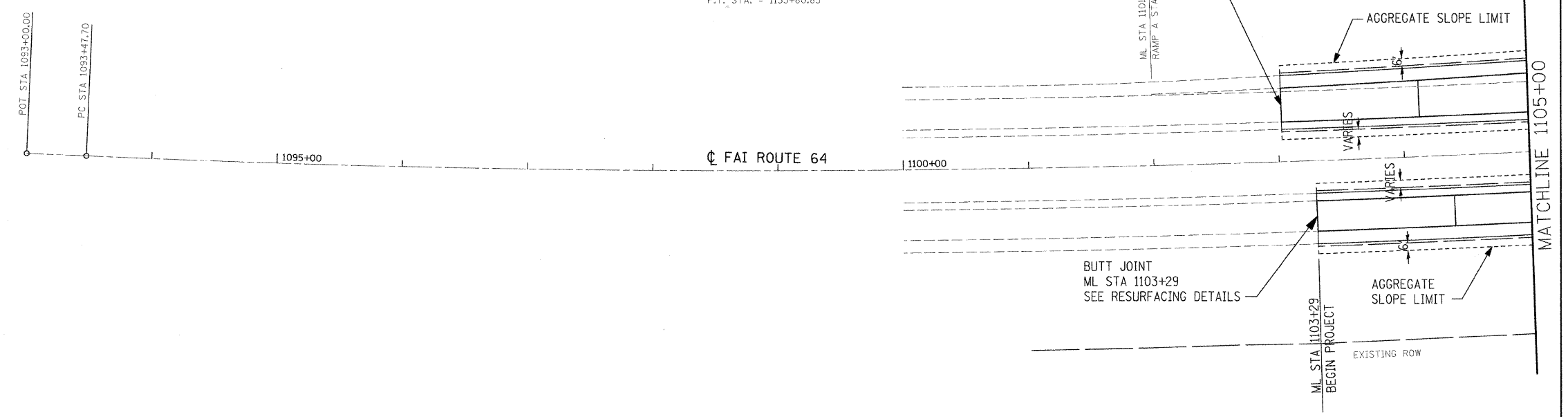
EROSION CONTROL SCHEDULE			
LOCATION	PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	INLET PROTECTION
STATION/OFFSET	LINEAL FOOT	EACH	EACH
1163+00			1
1165+00		1	
1206+60-76.24' RT TO 1208+47.77-76.43' RT	192		
1231+60-147.37' RT TO 1235+09.15-100.19' RT	358		
1241+48.08-98.08' LT TO 1244+87.71-142.46' LT	354		
1359+48.79-78.05' RT TO 1361+93.23-78.05' RT	248		
1361+00		1	
1367+00			1
1368+72.52		1	
1369+37.29-77.48' LT TO 1371+20.14-77.47' LT	187		
1373+35.52-153.12' RT TO 1375+21.77-108.04' RT	193		
1377+00		1	
1385+73.08		1	
1396+25.84-77.19' LT TO 1398+16.86-77.40' LT	195		
1429+78			1
1434+95		1	
TOTALS	1727	6	3



EXIST. CURVE
 PI STA. = 1124+26.48
 $\Delta = 28^\circ 09' 17''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 3,078.78'$
 $L = 6,033.15'$
 $E = 380.14'$
 $S.E. = 0.0156\%$
 P.C. STA. = 1093+47.70
 P.T. STA. = 1153+80.85

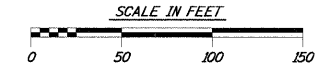
BUTT JOINT
 ML STA 1103+03
 SEE RESURFACING DETAILS

ML STA 1101+99.78 (57' LT) =
 RAMP A STA 133+98.94

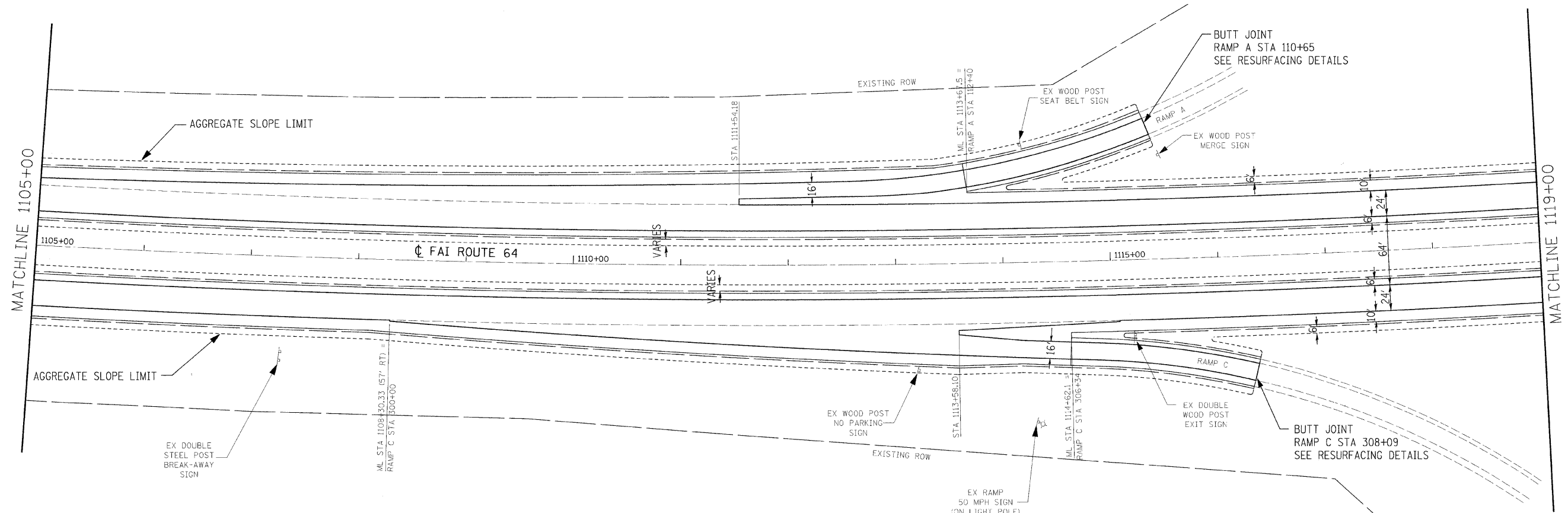


REF: pl1105a085055
 REF: pl1105a085055
 PLOT DRIVER = C:\Program Files\Bentley\WorkSpace\System\lotdrv.plt
 PEN TABLE = C:\Program Files\Bentley\WorkSpace\System\lotdrv.tbl

FILE NAME = 0876855-sh1-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 14	
PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	DRAWN - SCF	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 26 SHEETS	STA. BEGIN	TO STA. 1105+00	CONTRACT NO. 76855			
PLOT DATE = 1/29/2009	DATE - 12/12/08	CHECKED - TJQ	REVISED -									
		DATE - 12/12/08	REVISED -									
				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



EXIST. CURVE
 P.I. STA. = 1124+26.48
 $\Delta = 28^{\circ} 09' 17''$ (L.T.)
 $D = 0^{\circ} 28' 00''$
 $R = 12,277.67'$
 $T = 3,078.78'$
 $L = 6,033.15'$
 $E = 380.14'$
 $S.E. = 0.0156'/'$
 P.C. STA. = 1093+47.70
 P.T. STA. = 1153+80.85



REF: a12kca080505
 REF: p12of1e080505
 PLOT DRIVER: C:\Program Files\Bentley\MapSystems\temp\lotdrv\inter-full.plt
 PEN TABLE: S:\CADD\Library\lotdrv\inter-full.tbl

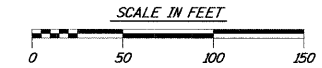
FILE NAME = 0876850-sh1-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
PLOT SCALE = 50,0000 ' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED - -
PLOT DATE = 12/18/2008	DATE - 12/12/08		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

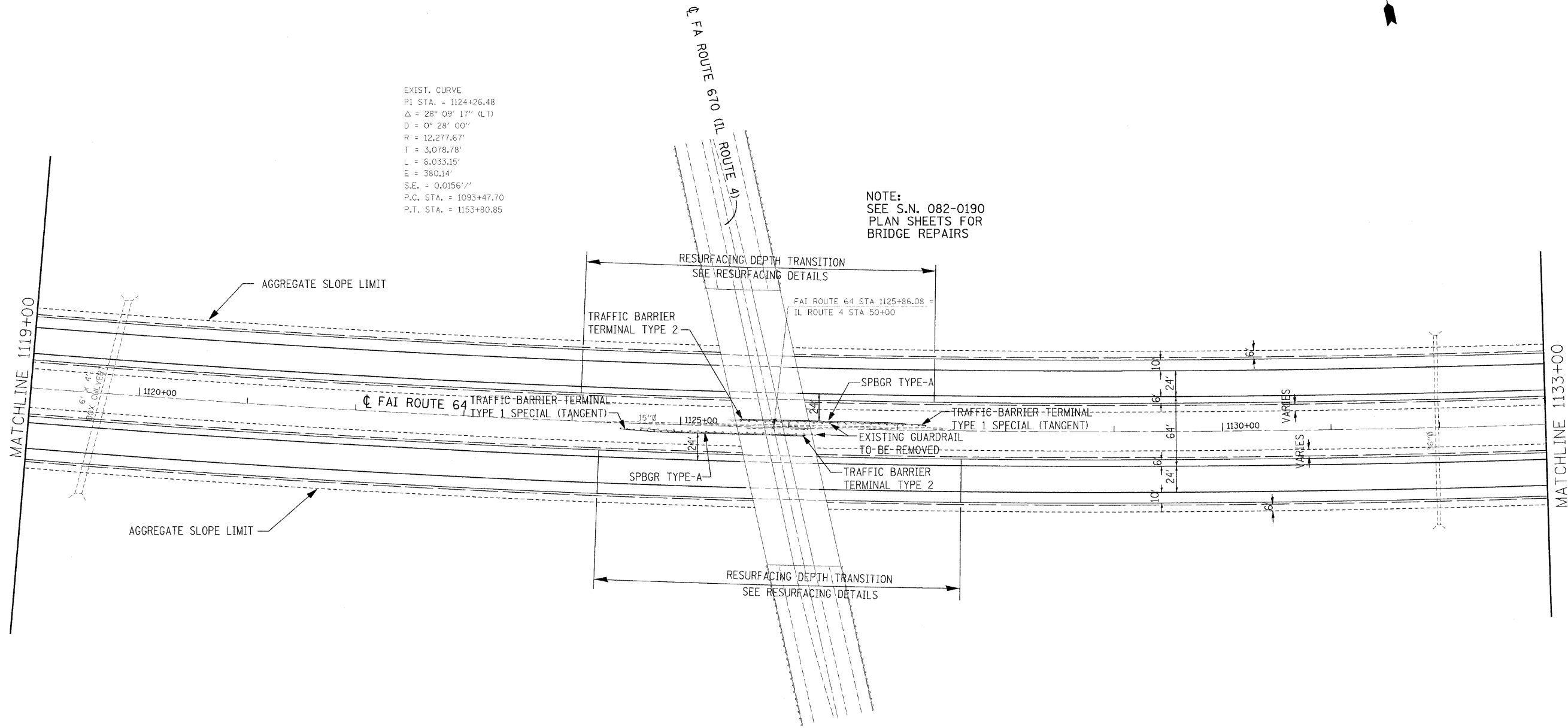
SCALE: 1" = 50' SHEET NO. 2 OF 26 SHEETS STA. 1105+00 TO STA. 1119+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76855	



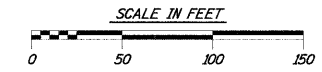
EXIST. CURVE
 PI STA. = 1124+26.48
 Δ = 28° 09' 17" (LT)
 D = 0° 28' 00"
 R = 12,277.67'
 T = 3,078.78'
 L = 6,033.15'
 E = 380.14'
 S.E. = 0.0156'/"
 P.C. STA. = 1093+47.70
 P.T. STA. = 1153+80.85

NOTE:
 SEE S.N. 082-0190
 PLAN SHEETS FOR
 BRIDGE REPAIRS

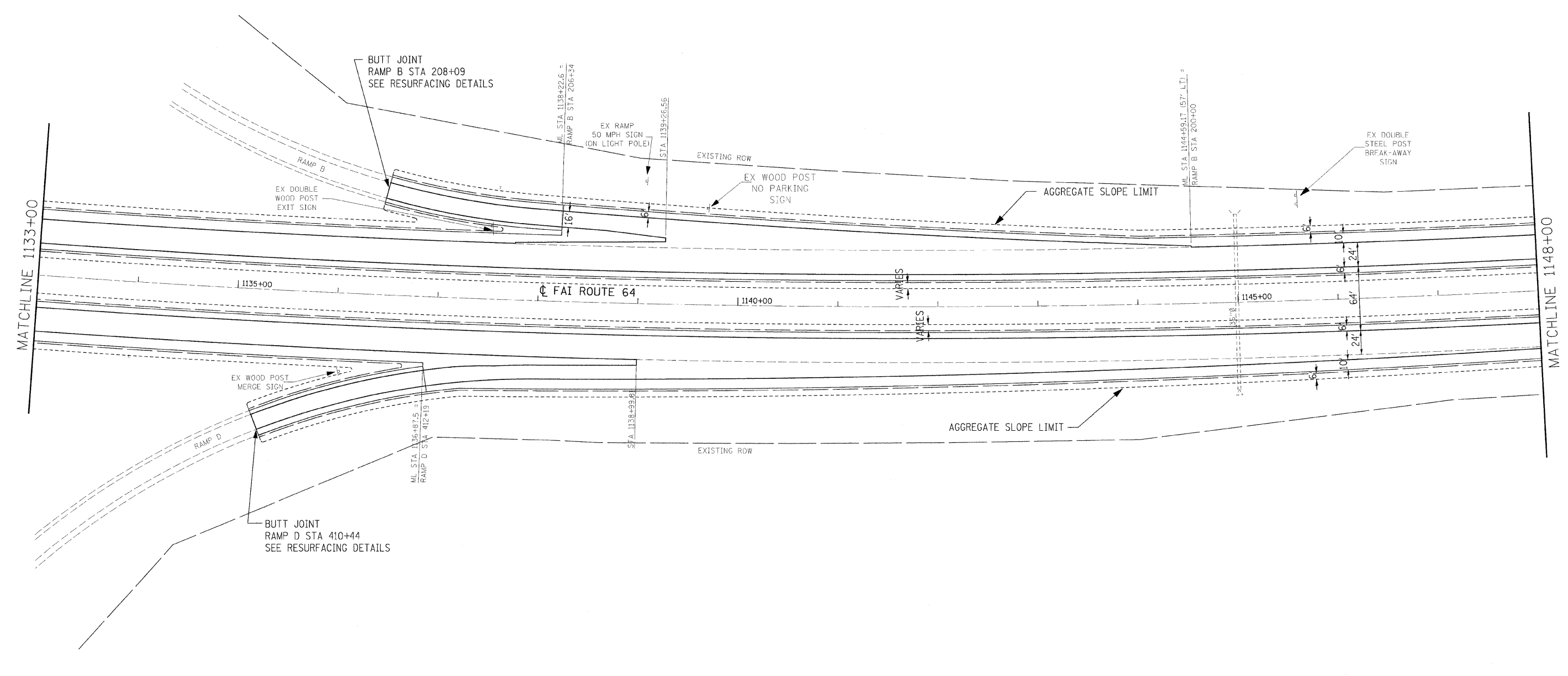


REF: p133r11e080595a
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 PEN TABLE = S:\CAD00_Library\MicroStation\tbl\amp\color.tbl

FILE NAME = D876855-shr-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.I. RTE. = 64	SECTION = 82-(8,9,10)RS-3	COUNTY = ST. CLAIR-CLINTON	TOTAL SHEETS = 78	SHEET NO. = 16		
PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	REVISOR -	SCALE: 1" = 50'			SHEET NO. 3 OF 26 SHEETS	STA. 1119+00 TO STA. 1133+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76855		
PLOT DATE = 12/10/2008	DATE = 12/12/08	REVISOR -										



EXIST. CURVE
 PI STA. = 1124+26.48
 Δ = 28° 09' 17" (LT)
 D = 0° 28' 00"
 R = 12,277.67'
 T = 3,078.78'
 L = 6,033.15'
 E = 380.14'
 S.E. = 0.0156%
 P.C. STA. = 1093+47.70
 P.T. STA. = 1153+80.85



REF: p14topa080855
 REF: p14topa080855
 PLOT DRIVER = C:\Program Files\Autodesk\AutoCAD 2008\acadpplot\plotter\inter-full1.plt
 PEN TABLE = S:\ACAD\Library\MicroStation\compen.tbl

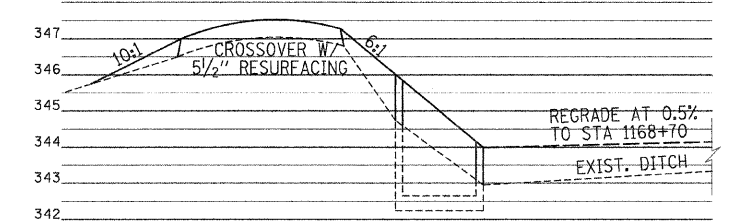
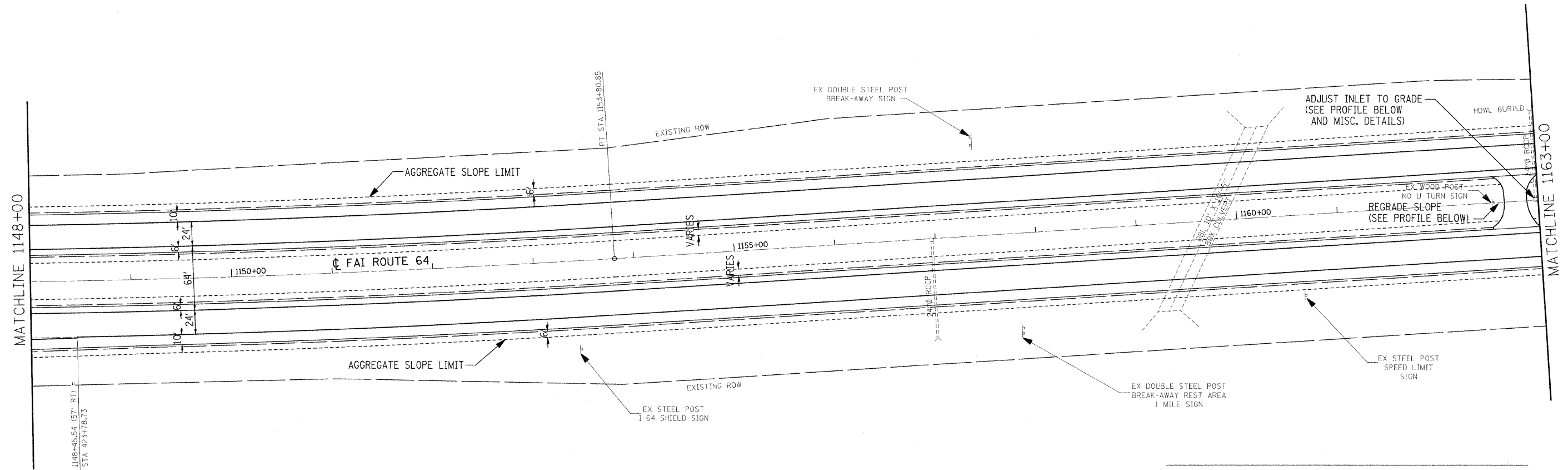
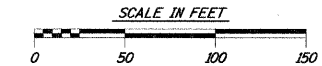
FILE NAME = 0876855-sh1-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
PLOT SCALE = 50.0000' / IN.	DRAWN - SCF	CHECKED - TJQ	REVISED - -
PLOT DATE = 12/10/2008	DATE - 12/12/08		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE: 1" = 50'	SHEET NO. 4 OF 26 SHEETS
STA. 1133+00 TO STA. 1148+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	17
CONTRACT NO. 76855			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

EXIST. CURVE
 PI STA. = 1124+26.48
 $\Delta = 28^\circ 09' 17''$ (L1)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 3,078.78'$
 $L = 6,033.15'$
 $E = 380.14'$
 $S.E. = 0.01567''$
 P.C. STA. = 1093+47.70
 P.T. STA. = 1153+80.85



CROSSOVER - INLET PROFILE
 NOT TO SCALE

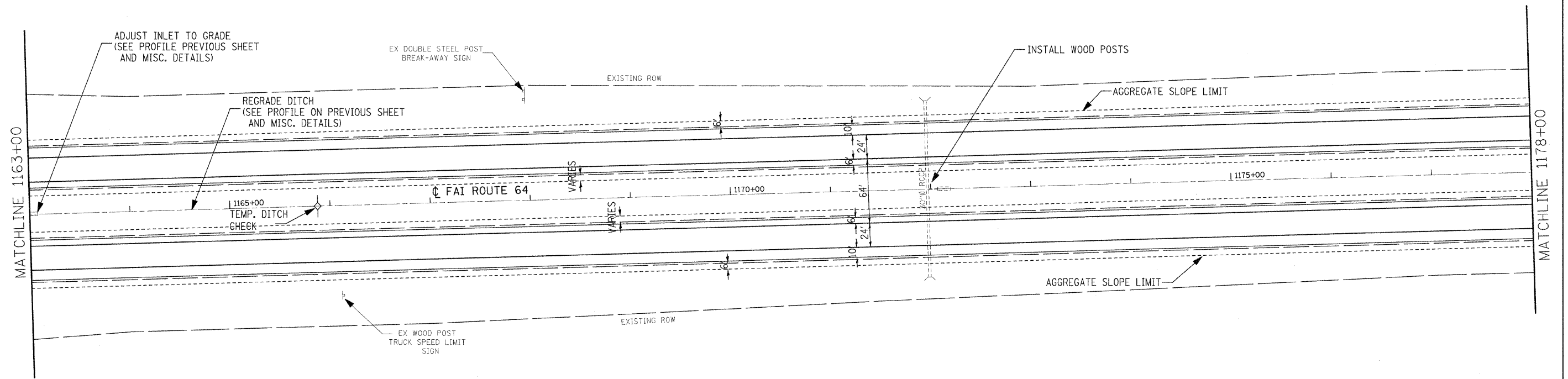
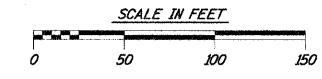
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 REF: p15:cf1:ea0955
 PLOT DRIVER = C:\Program Files\Autodesk\AutoCAD\bin\acadplot.plt
 PEN TABLE = C:\Program Files\Autodesk\AutoCAD\bin\acadpen.tbl

FILE NAME = D876855-sh1-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
PLOT SCALE = 50,0000' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED -
PLOT DATE = 1/29/2009	DATE - 12/12/08	CHECKED - TJO	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE: 1"=50'	SHEET NO. 5 OF 26 SHEETS
STA. 1148+00	TO STA. 1163+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	18
CONTRACT NO. 76855			ILLINOIS FED. AID PROJECT	



REF: p16coco0096s
 REF: p16c1163065s
 PLOT DRIVER = C:\Program Files\Autodesk\AutoCAD 2009\System\Plot\Plotter\Inter-Plotter-1.plt
 PEN TABLE = C:\Program Files\Autodesk\AutoCAD 2009\System\Plot\Plotter\Inter-Plotter-1.tbl

FILE NAME = 0876855-sh1-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - SCF	DRAWN - SCF	REVISED -
PLOT DATE = 1/29/2009	CHECKED - TJQ	CHECKED - TJQ	REVISED -
	DATE - 12/12/08	DATE - 12/12/08	REVISED -

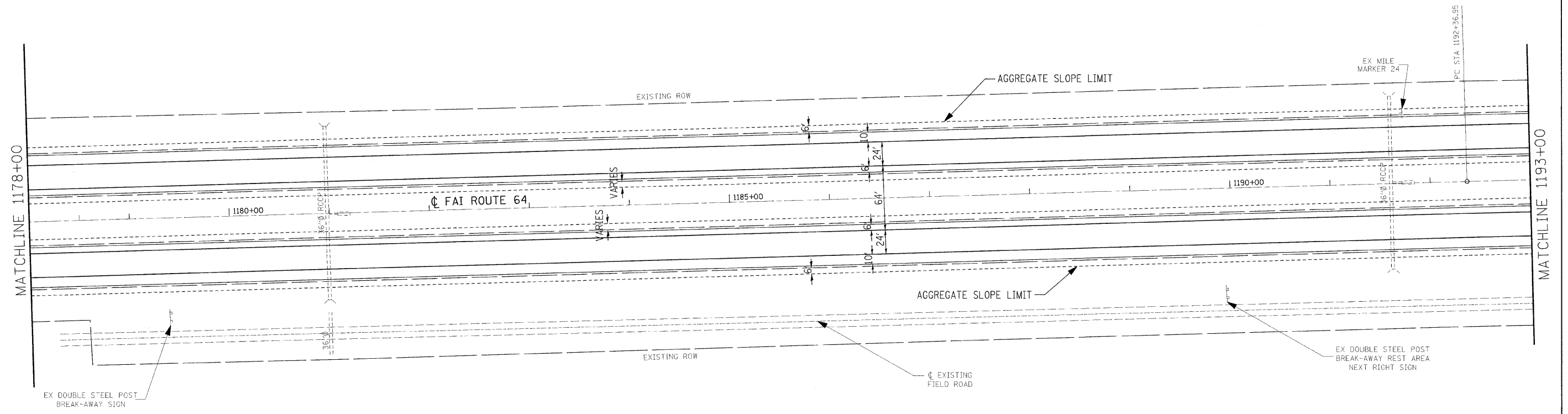
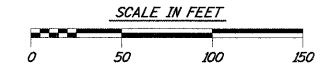
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1"=50' SHEET NO. 6 OF 26 SHEETS STA. 1163+00 TO STA. 1178+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	19
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 76855



REF: p17top080505a
 REF: p17of1e080505b
 PLOT DRIVER = C:\Program Files\Bentley\BentleyMapSystems\plotdrv\p17inter-full.plt
 PEN TABLE = Standard Library\MicroStation\pen.tbl (MS) (color) (xt) (sub) (bl)

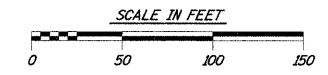
FILE NAME = 0876855-sh1-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED - -
PLOT DATE = 12/10/2008	DATE - 12/12/08		REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

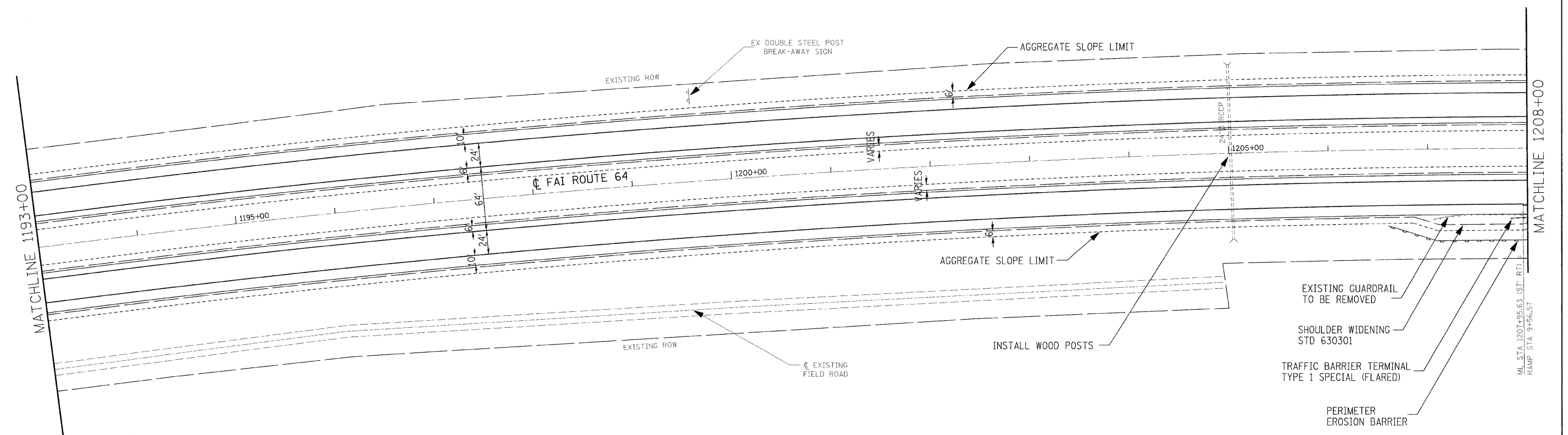
PLAN SHEET

SCALE: 1"=50' SHEET NO. 7 OF 26 SHEETS STA. 1178+00 TO STA. 1193+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	



EXIST. CURVE
 P.I. STA. = 1204+89.51
 $\Delta = 11^\circ 39' 01''$ (RT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 1,252.56'$
 $L = 2,496.49'$
 $E = 63.73'$
 $S.E. = 0.0156\%'$
 P.C. STA. = 1192+36.95
 P.T. STA. = 1217+33.44

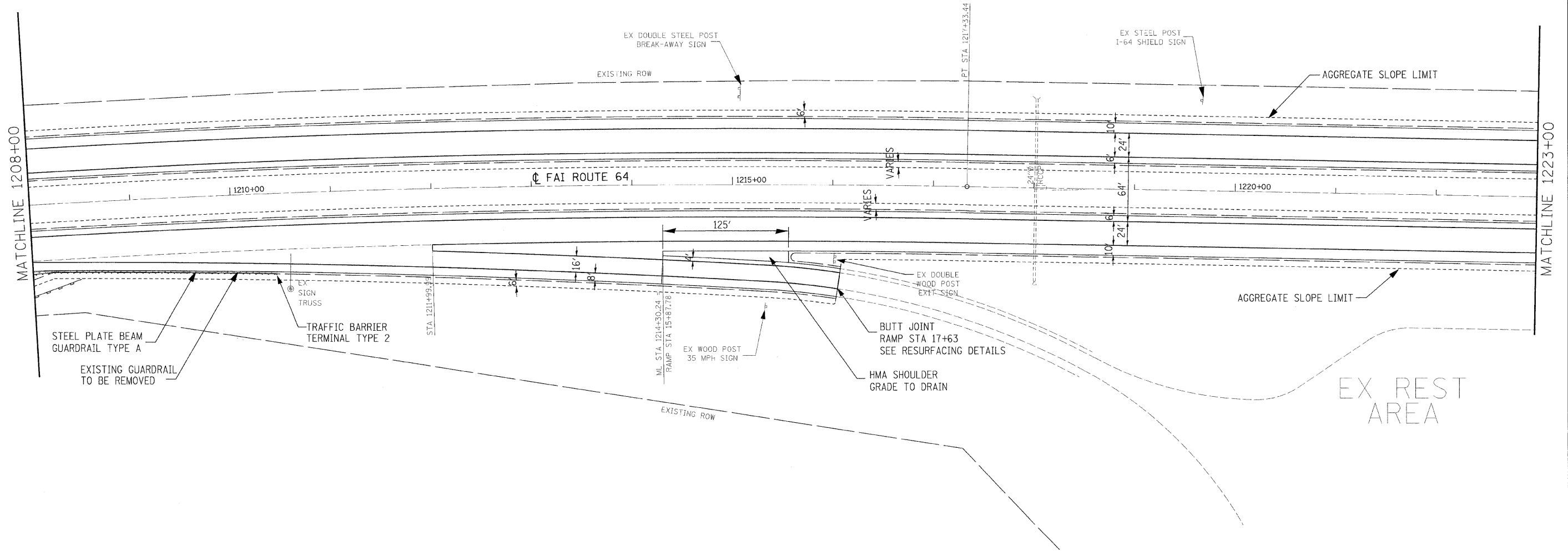


REF: C:\Users\jg025854...
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 PEN TABLE = S:\CAD\Library\MapSource\font\tbl\seaplot.tbl

FILE NAME = D876855-shrtplan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 21	
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DATE - 12/12/08	REVISED - -		SCALE: 1"=50'	SHEET NO. 8 OF 26 SHEETS	STA. 1193+00 TO STA. 1208+00	CONTRACT NO. 76855				
PLOT DATE = 12/18/2008	DATE - 12/12/08				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM												

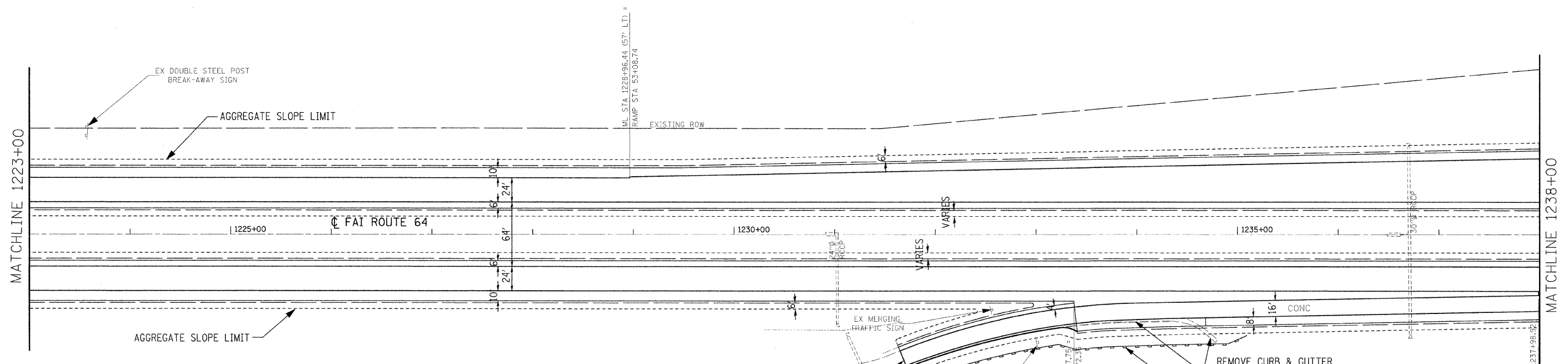
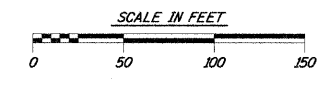


EXIST. CURVE
 PI STA. = 1204+89.51
 $\Delta = 11^\circ 39' 01''$ (RT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 1,252.56'$
 $L = 2,496.49'$
 $E = 63.73'$
 $S.E. = 0.0156'/'$
 P.C. STA. = 1192+36.95
 P.T. STA. = 1217+33.44



FILE NAME = D876855-shit-plan.dgn	USER NAME = unatiled	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 22
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DATE - 12/12/08	REVISED -				SCALE: 1"=50'		SHEET NO. 9 OF 26 SHEETS	STA. 1208+00 TO STA. 1223+00	CONTRACT NO. 76855
PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM											
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION											

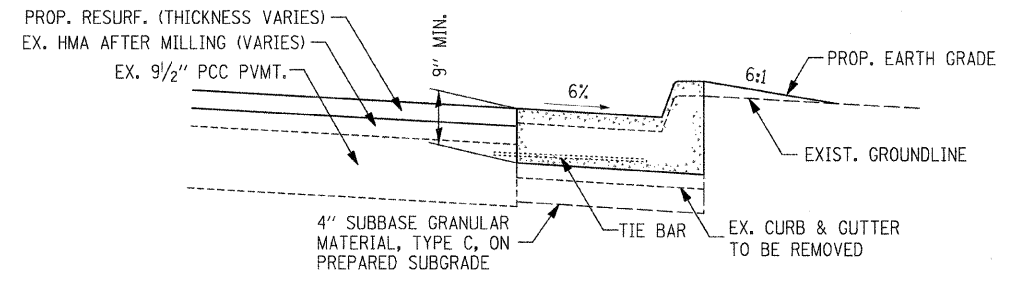
REF: p19tcc00000505a
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 PEN TABLE = \$:\MCADD\Library\MapSource\stati\penpen.tbl



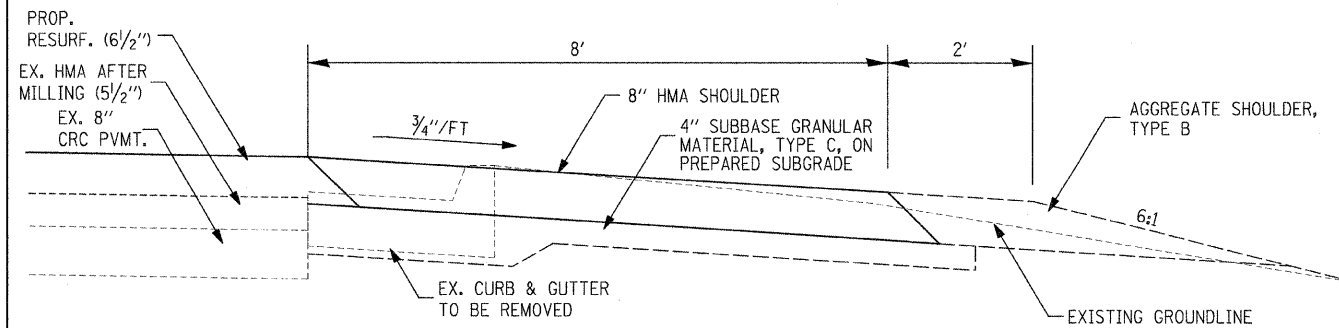
EX. REST AREA

BUTT JOINT RAMP STA 37+97
SEE RESURFACING DETAILS

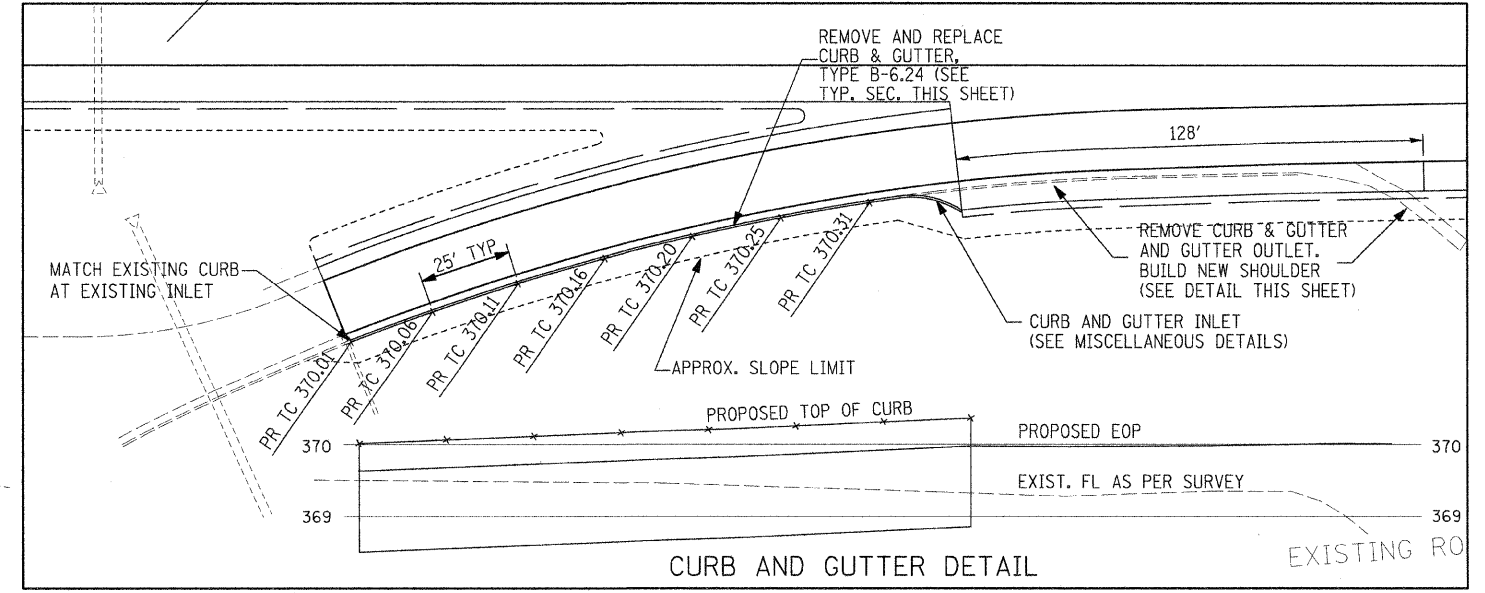
TBM "X" ON NE BOLT OF LIGHT POLE BASE
STA 1233+27.89, 131.88'RT
EL=367.71



CURB AND GUTTER TYPICAL SECTION



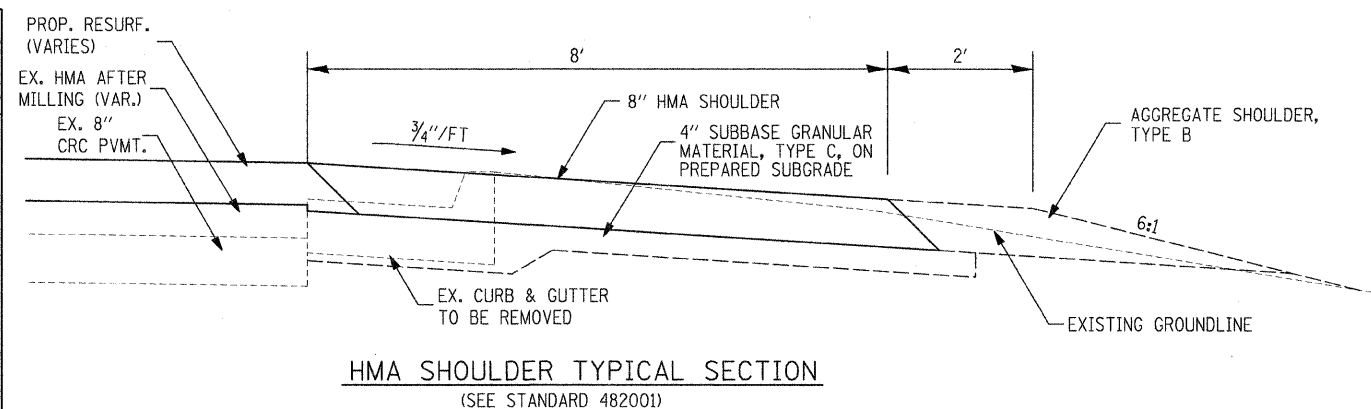
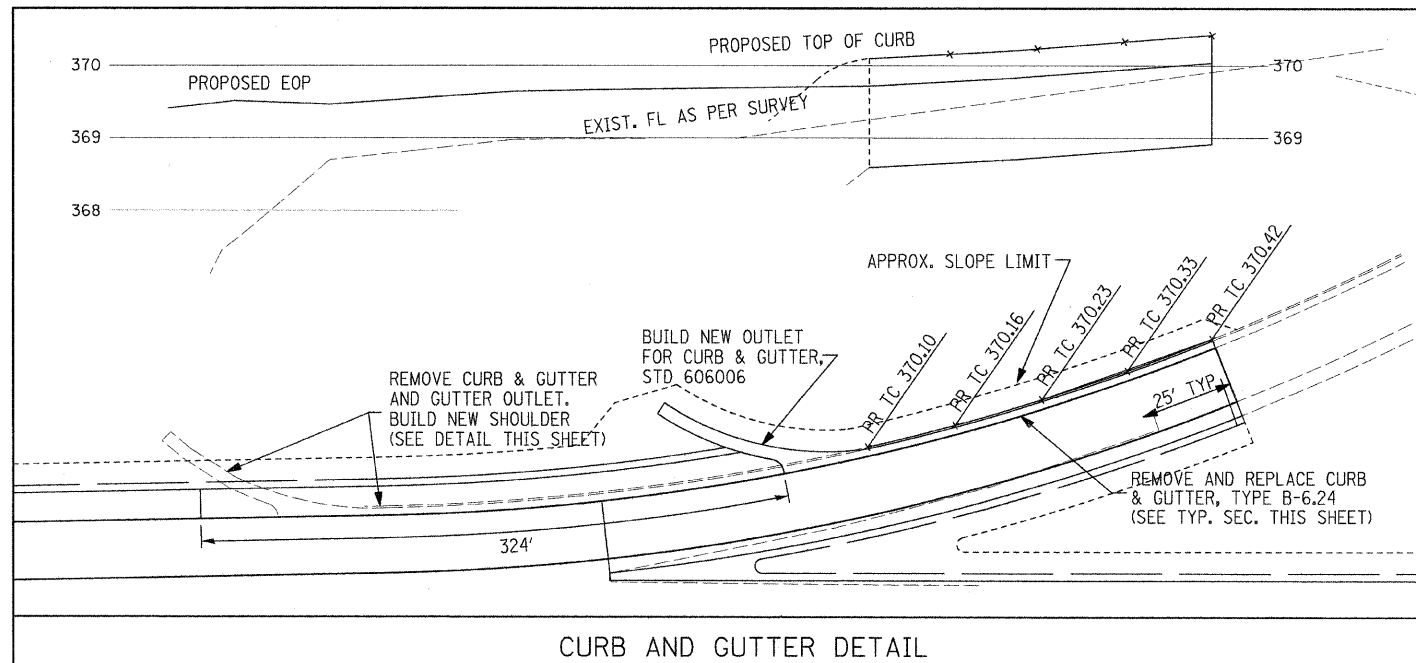
HMA SHOULDER TYPICAL SECTION
(SEE STANDARD 482001)



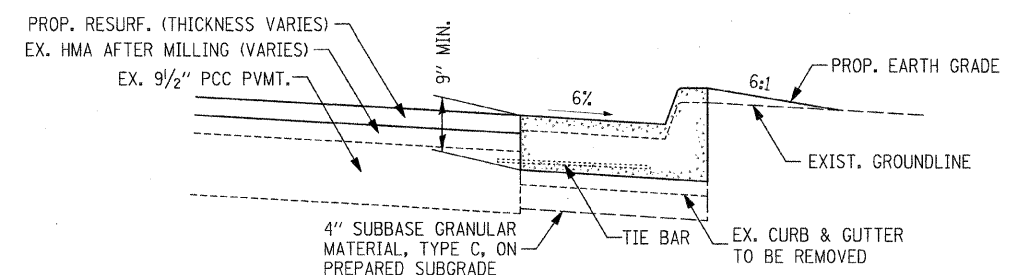
CURB AND GUTTER DETAIL

FILE NAME = 0876855-sh1-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 23	
PLOT SCALE = 50.0000' / IN.	PLOT DATE = 1/29/2009	DRAWN - SCF	REVISED -		SCALE: 1"=50'	SHEET NO. 10 OF 26 SHEETS	STA. 1223+00 TO STA. 1238+00	CONTRACT NO. 76855		ILLINOIS FED. AID PROJECT		
		CHECKED - TJO	REVISED -									
		DATE - 12/12/08	REVISED -									

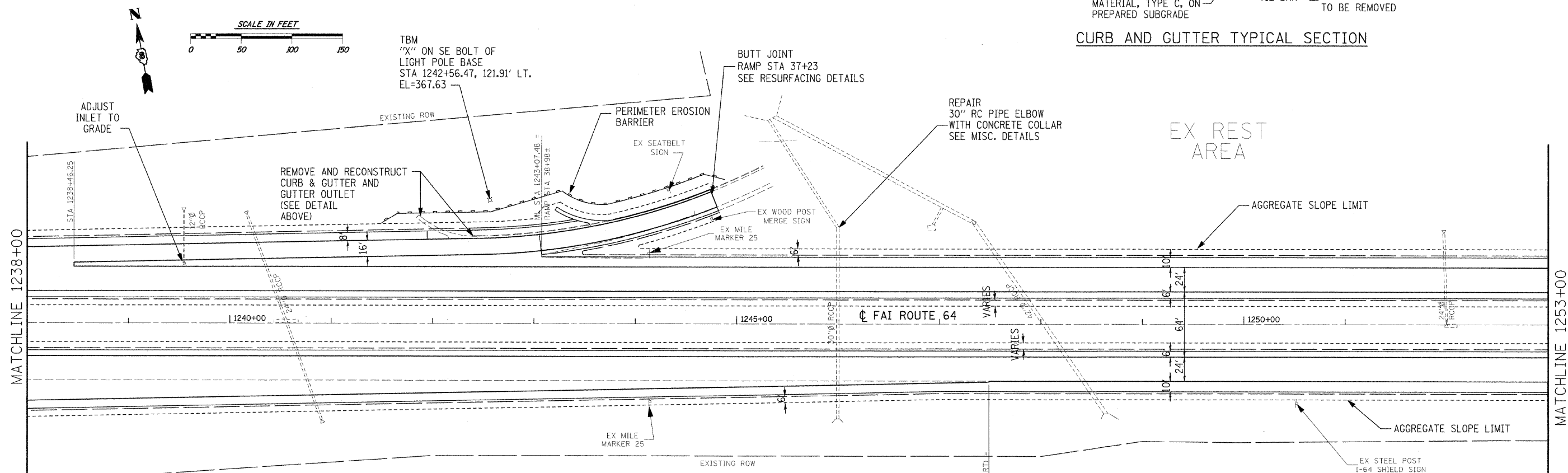
REF: 01102008005255
 REF: 011020110005050
 PLOT DRIVER = C:\Program Files\Autodesk\AutoCAD 2008\Plot\Plotter\Full\PLT
 PEN TABLE = C:\Program Files\Autodesk\AutoCAD 2008\Plot\Plotter\Plot\Plot.tbl



HMA SHOULDER TYPICAL SECTION
(SEE STANDARD 482001)



CURB AND GUTTER TYPICAL SECTION



REF: p111000000000
REF: p1110000000000
PLOT DRIVER = C:\Program Files\Bentley\MicroStation\bin\plotdrv\plm11.plt
PEN TABLE = C:\Program Files\Bentley\MicroStation\bin\plotdrv\pen.tbl

FILE NAME =	USER NAME = Steve	DESIGNED - SCF	REVISED -
D876855-sht-plan.dgn		DRAWN - SCF	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	REVISED -
	PLOT DATE = 12/29/2009	DATE - 12/12/08	REVISED -

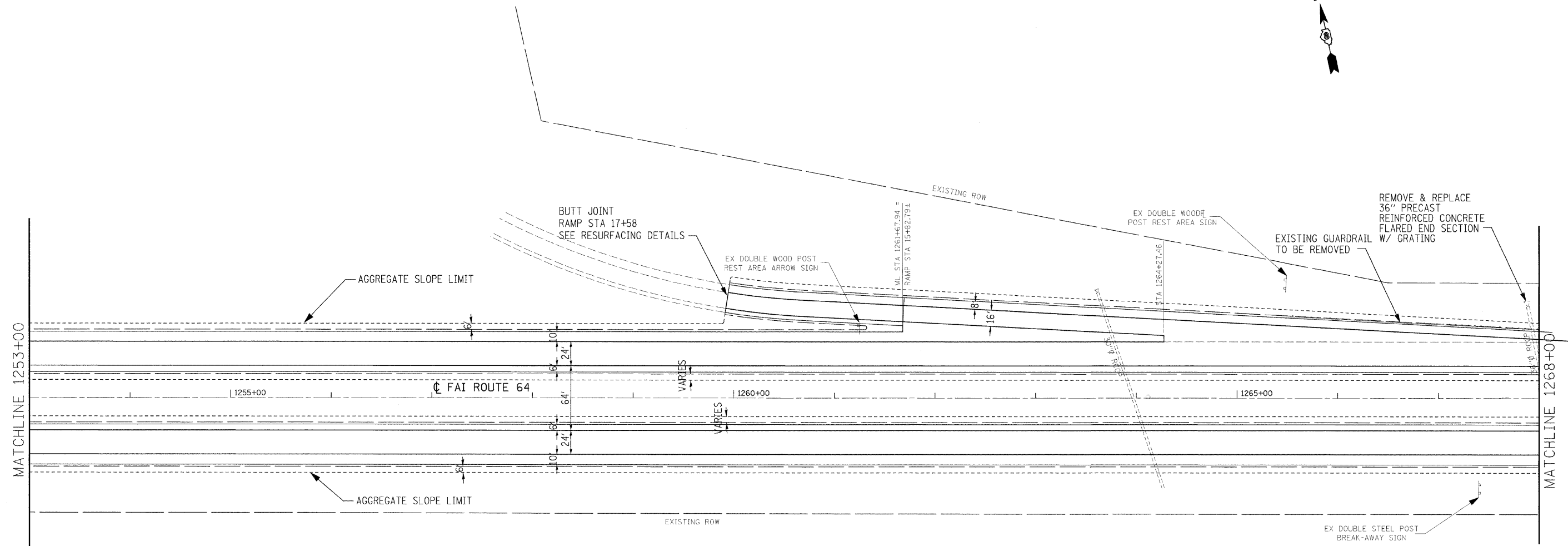
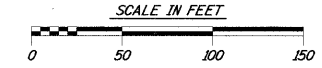
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1"=50' SHEET NO. 11 OF 26 SHEETS STA. 1238+00 TO STA. 1253+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	24
CONTRACT NO. 76855				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



FILE NAME = D876895-shrplan.dgn
 USER NAME = untitled
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 12/10/2008

DESIGNED - SCF
 DRAWN - SCF
 CHECKED - TJO
 DATE - 12/12/08

REVISED -
 REVISED -
 REVISED -
 REVISED -

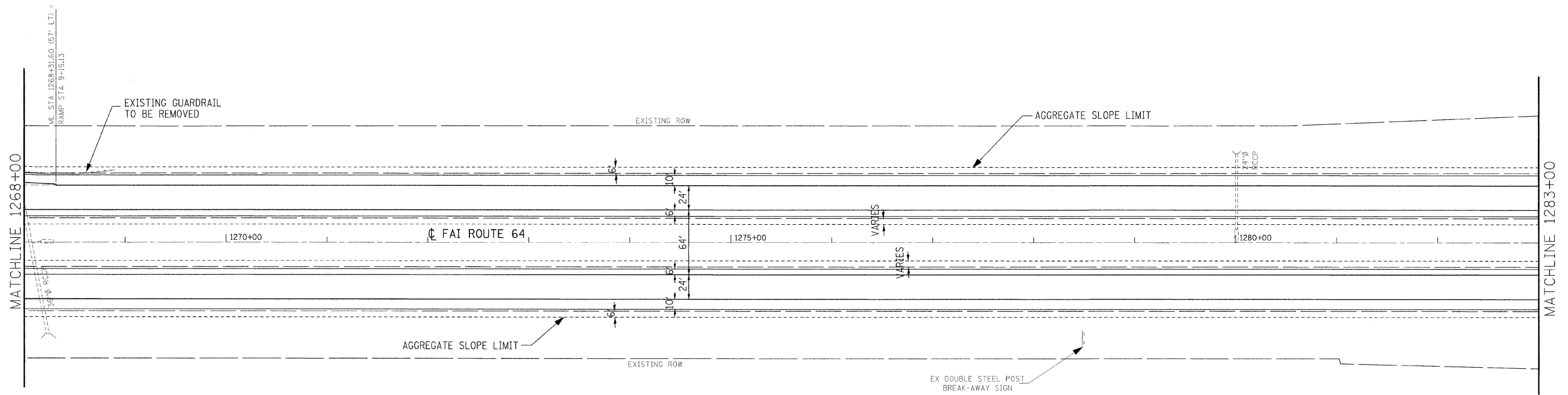
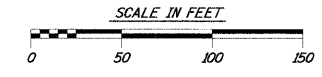
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1"=50' SHEET NO. 12 OF 26 SHEETS STA. 1253+00 TO STA. 1268+00

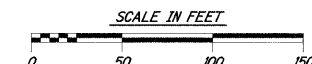
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. LAIR-CLINTON	78	25
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76855	

REF: P1123aed0928ba
 REF: P1123af1e080809
 PLOT DRIVER = C:\Program Files\Bentley\MapSystems\temp\plotdrv\pnter-full.plt
 PEN TABLE = S:\CAD00\Library\MicroStation\pen.tbl

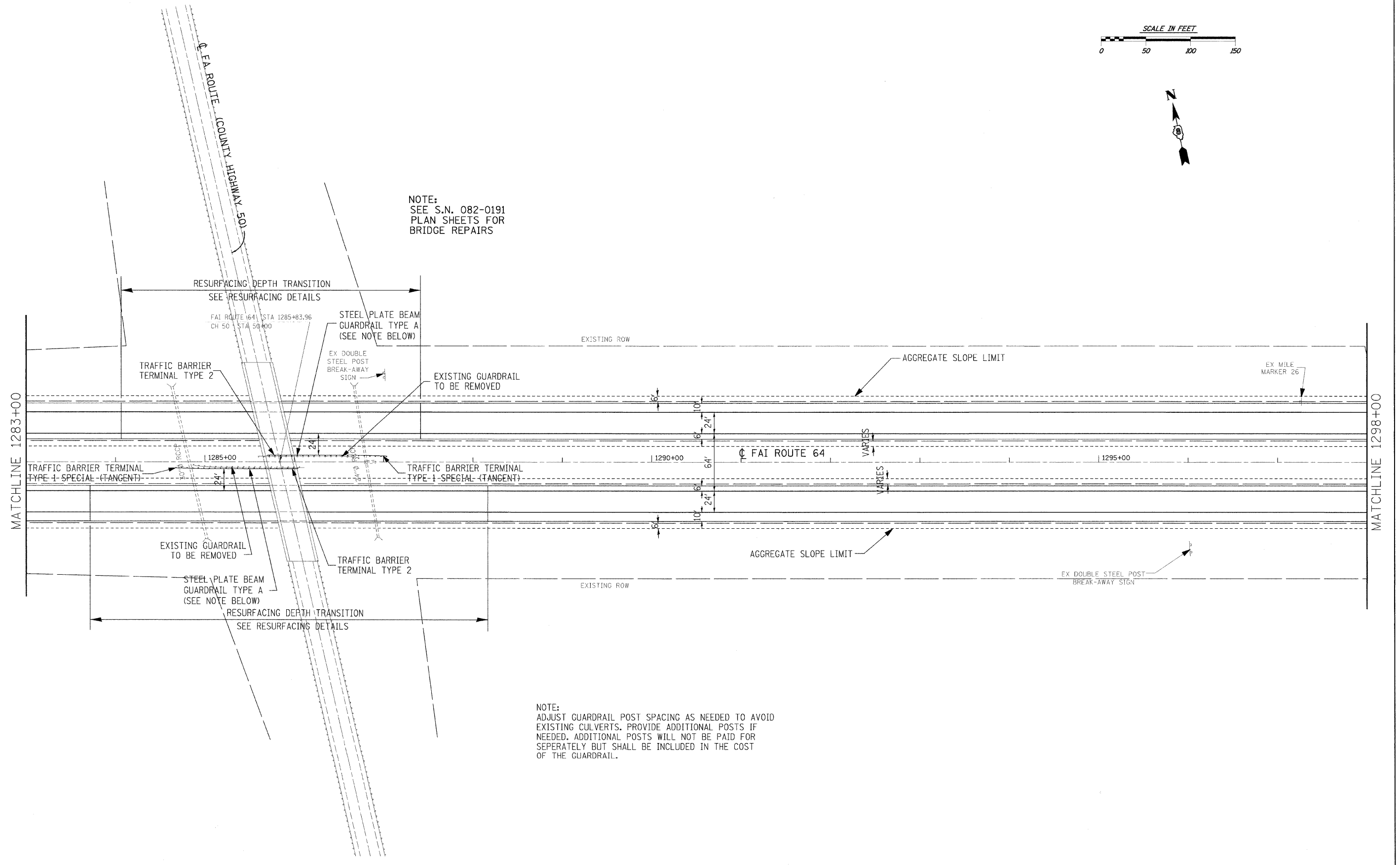


REF: E:\13\p02\080555
 REF: P13\p02\12008555
 PLOT DRIVER = C:\Program Files\Autodesk\lisp\acadspc.plt
 PEN TABLE = S:\CAD\Library\Microsoft\fonttbl\fonttbl.tbl

FILE NAME = D876855-shi-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. = 64	SECTION = 82-(8,9,10)RS-3	COUNTY = ST. LAIR-CLINTON	TOTAL SHEETS = 78	SHEET NO. = 26
	PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	REVISED -		SCALE: 1"=50'	SHEET NO. 13 OF 26 SHEETS	STA. 1268+00 TO STA. 1283+00	CONTRACT NO. 76855			
	PLOT DATE = 12/13/2008	DATE = 12/12/08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



NOTE:
SEE S.N. 082-0191
PLAN SHEETS FOR
BRIDGE REPAIRS



NOTE:
ADJUST GUARDRAIL POST SPACING AS NEEDED TO AVOID
EXISTING CULVERTS. PROVIDE ADDITIONAL POSTS IF
NEEDED. ADDITIONAL POSTS WILL NOT BE PAID FOR
SEPERATELY BUT SHALL BE INCLUDED IN THE COST
OF THE GUARDRAIL.

REF: pl14top000003a
 REF: pl14of1e000005a
 PLOT DRIVER = C:\Program Files\Bentley\MapSource\bin\mapsrc\Inter-ru 1.plt
 PEN TABLE = S:\CAD00\Library\MapStation\open\job\map\color.tbl-sub.tbl

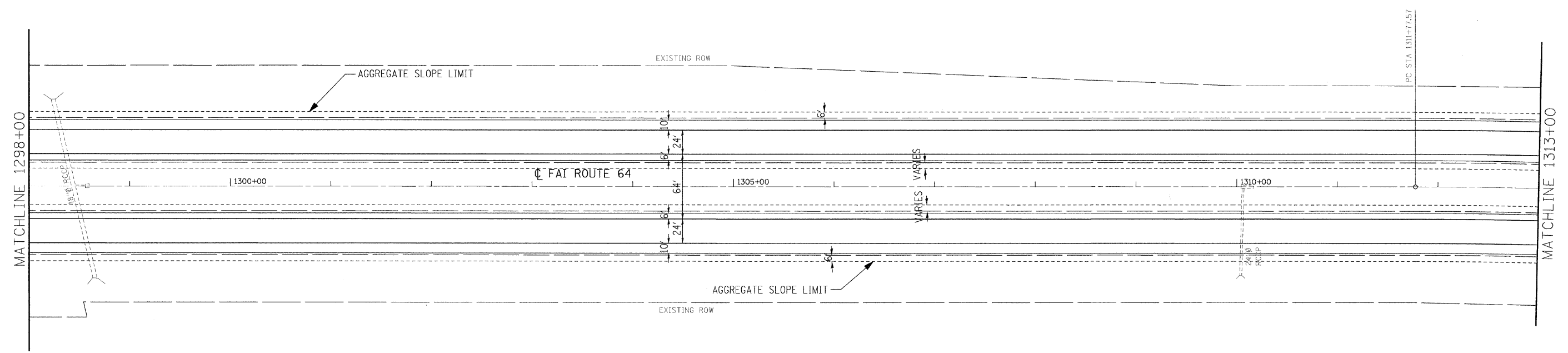
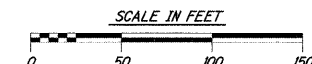
FILE NAME = D876895-shr-plan.vdgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
		DRAWN - SCF	REVISED - -
	PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	REVISED - -
	PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1"=50' SHEET NO. 14 OF 26 SHEETS STA. 1283+00 TO STA. 1298+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	27
CONTRACT NO. 76855				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



REF: 61151000000000
 REF: 61151000000000
 PLOT DRIVER = C:\Program Files\Bentley\MapDraw\bin\MapDraw.plt
 PEN TABLE = S:\CAD\Library\MapDraw\tbl\mapdraw.tbl

FILE NAME = C:\876855-sht-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
		DRAWN - SCF	REVISED - -
	PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	REVISED - -
	PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISED - -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

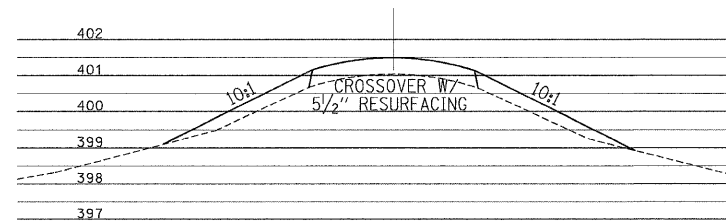
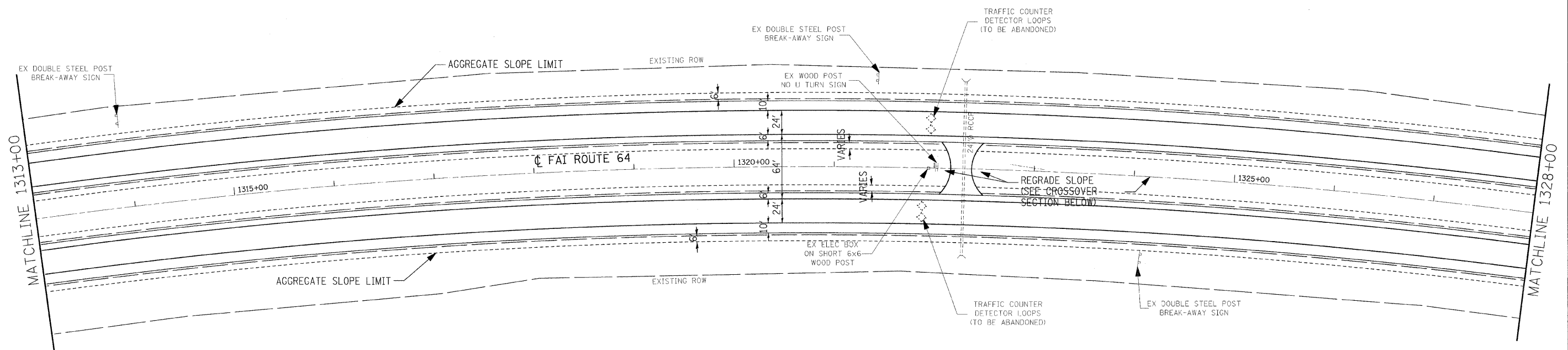
PLAN SHEET

SCALE: 1"=50' SHEET NO. 15 OF 26 SHEETS STA. 1298+00 TO STA. 1313+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	28
CONTRACT NO. 76855				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE
 PI STA. = 1336+32.94
 $\Delta = 46^\circ 23' 40''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 2,455.37'$
 $L = 4,639.44'$
 $E = 503.95'$
 $S.E. = 0.028'/'$
 P.C. STA. = 1311+77.57
 P.T. STA. = 1358+17.01



CROSSOVER - SECTION
 NOT TO SCALE

REF: p116tsp-a06205a
 REF: p116tsp-a06205a
 PLOT DRIVER = C:\Program Files\AutoCAD\bin\acadplot.exe
 PEN TABLE = C:\Program Files\AutoCAD\bin\acadpen.tbl

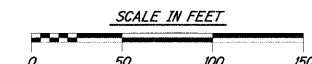
FILE NAME = D876855-sh1-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED -
PLOT DATE = 1/29/2009	DATE - 12/12/08	CHECKED - TJO	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

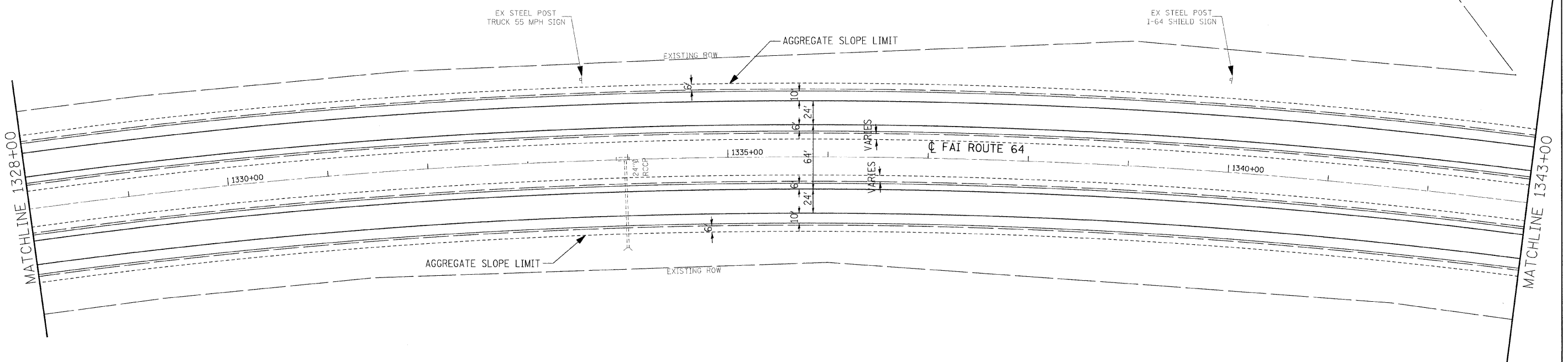
PLAN SHEET

SCALE: 1"=50' SHEET NO. 16 OF 26 SHEETS STA. 1313+00 TO STA. 1328+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-18,9,10RS-3	ST. CLAIR-CLINTON	78	29
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	



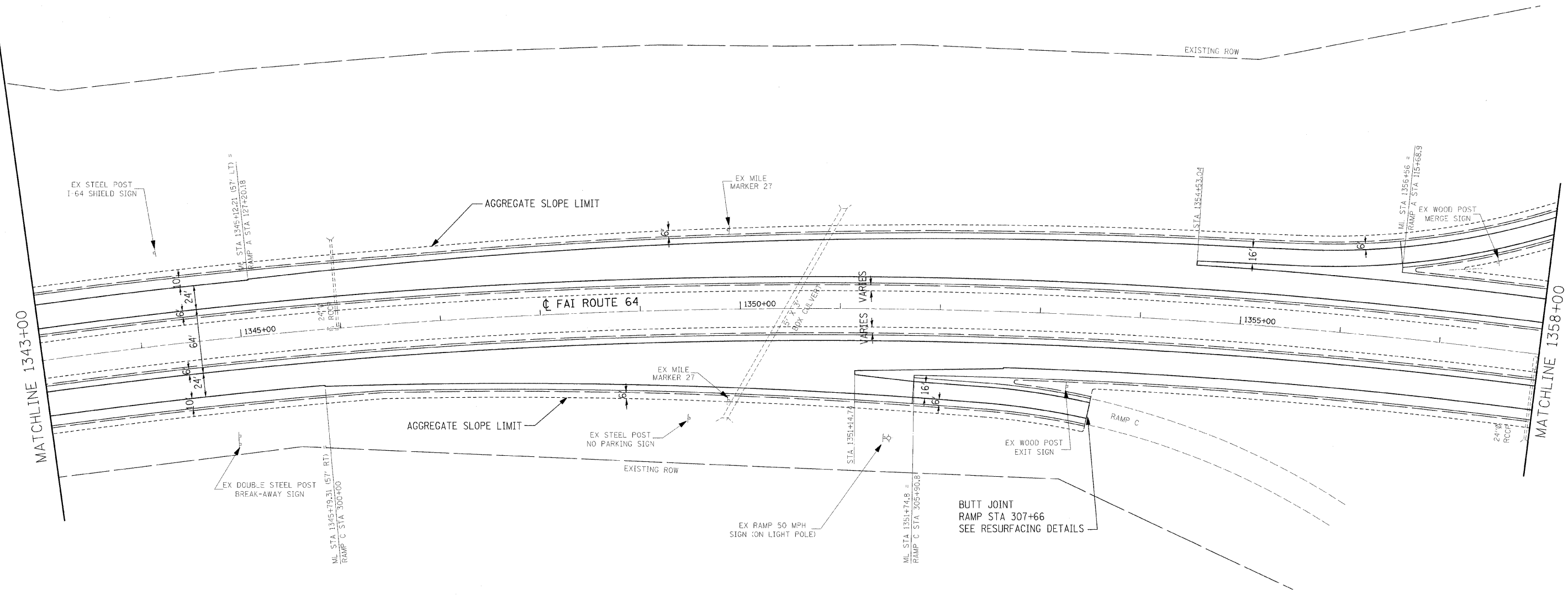
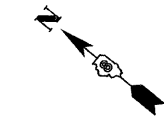
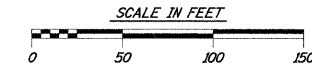
EXIST. CURVE
 PI STA. = 1336+32.94
 $\Delta = 46^\circ 23' 40''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 2,455.37'$
 $L = 4,639.44'$
 $E = 503.95'$
 $S.E. = 0.028\%$
 P.C. STA. = 1311+77.57
 P.T. STA. = 1358+17.01



REF: 017top-002055
 REF: 017dr-002055
 PLOT DRIVER = C:\Program Files\Bentley\MapSystems\plotdrv\plotdrv-full.plt
 PEN TABLE = \$:\acadd\ltable\acad.ctb

FILE NAME = DR76855-shr-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 30
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED - -		SCALE: 1"=50'	SHEET NO. 17 OF 26 SHEETS	STA. 1328+00	TO STA. 1343+00	CONTRACT NO. 76855		
PLOT DATE = 12/10/2008	DATE - 12/12/08	CHECKED - TJO	REVISED - -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM											

EXIST. CURVE
 PI STA. = 1336+32.94
 Δ = 46° 23' 40" (RT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 2,455.37'
 L = 4,639.44'
 E = 503.95'
 S.E. = 0.028'/'
 P.C. STA. = 1311+77.57
 P.T. STA. = 1358+17.01



REF: p118100c000000
 REF: p1180f1e000000
 PLOT DRIVER = C:\program Files\Bentley\MicroStation\bin\os2\plotdrv\inter-tul1.plt
 PEN TABLE = S:\MSDD Library\micrOSTA1\zampgen.tbl;msplotdrv-1.txt;sub.tbl

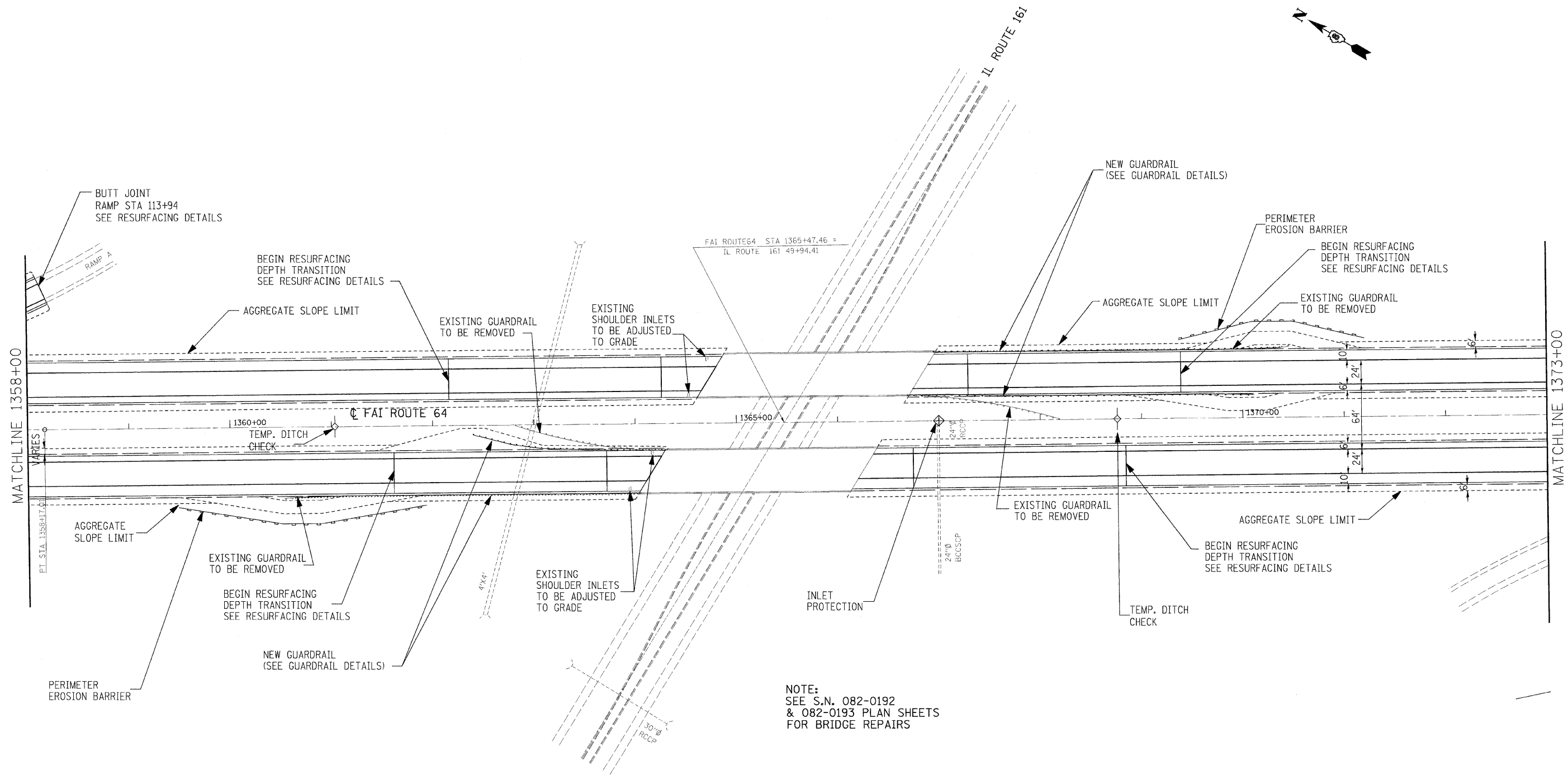
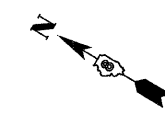
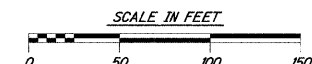
FILE NAME = D876855-shr-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	DRAWN - SCF	REVISED - -
PLOT DATE = 12/10/2008	DATE - 12/12/08	CHECKED - TJQ	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 1"=50' SHEET NO. 18 OF 26 SHEETS STA. 1343+00 TO STA. 1358+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	

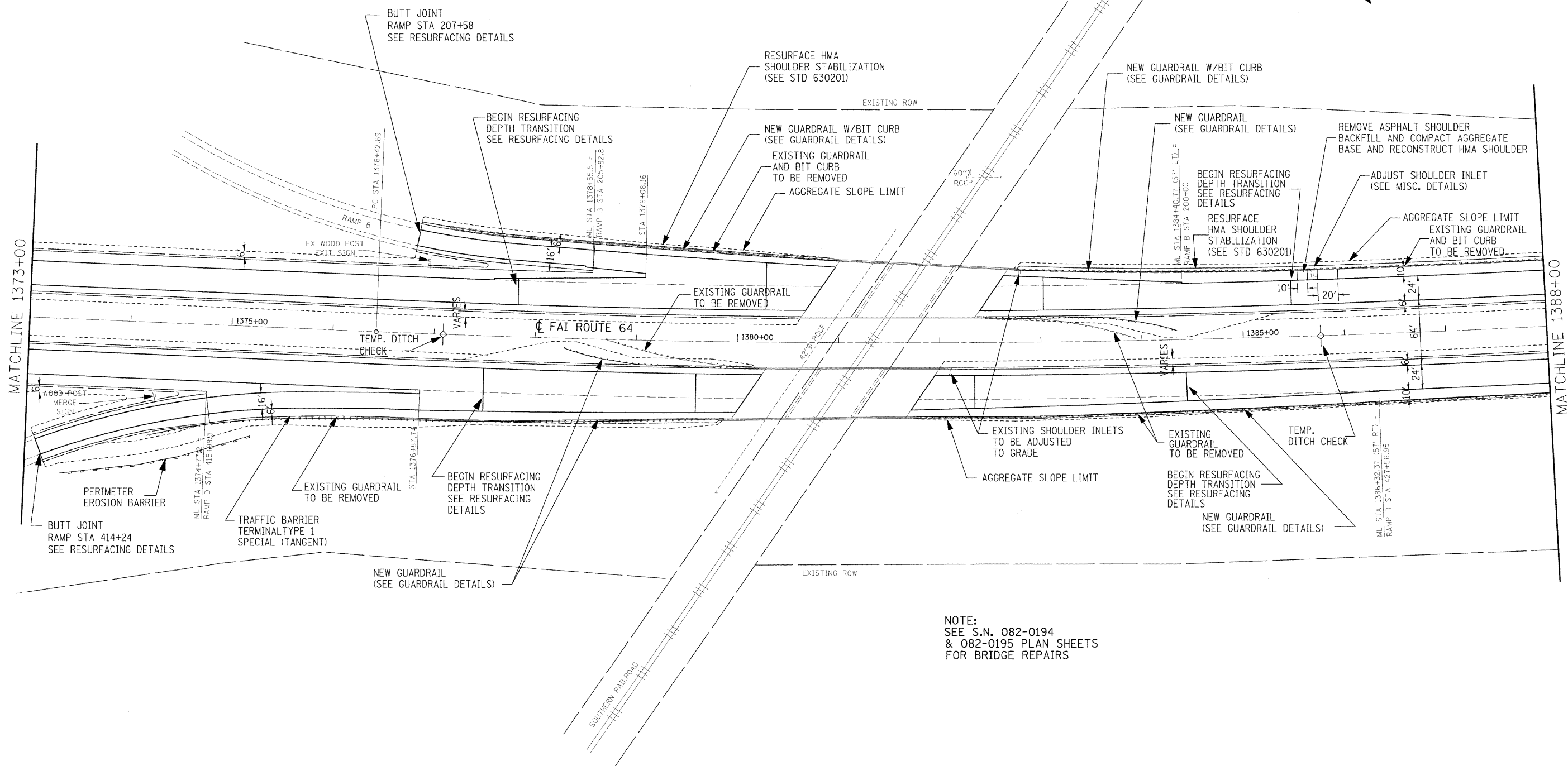
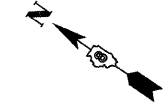
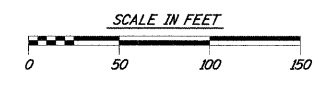


NOTE:
SEE S.N. 082-0192
& 082-0193 PLAN SHEETS
FOR BRIDGE REPAIRS

REF: p1134p00000505a
 REF: p1134p00000505a
 PLOT DRIVER: C:\Program Files\Bentley\Bentley\bin\p1134p00000505a
 PEN TABLE: C:\Program Files\Bentley\Bentley\bin\p1134p00000505a

FILE NAME = 0876855-shr-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 32
	PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	REVISED -		SCALE: 1"=50'	SHEET NO. 19 OF 26 SHEETS	STA. 1358+00 TO STA. 1373+00	CONTRACT NO. 76855				
	PLOT DATE = 1/29/2009	DATE - 12/12/08	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

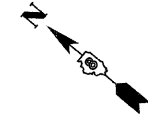
EXIST. CURVE
 P.I. STA. = 1445+85.05
 $\Delta = 58^\circ 58' 18''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 6,942.36'$
 $L = 12,636.78'$
 $E = 1,826.85'$
 $S.E. = 0.0156\%$
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47



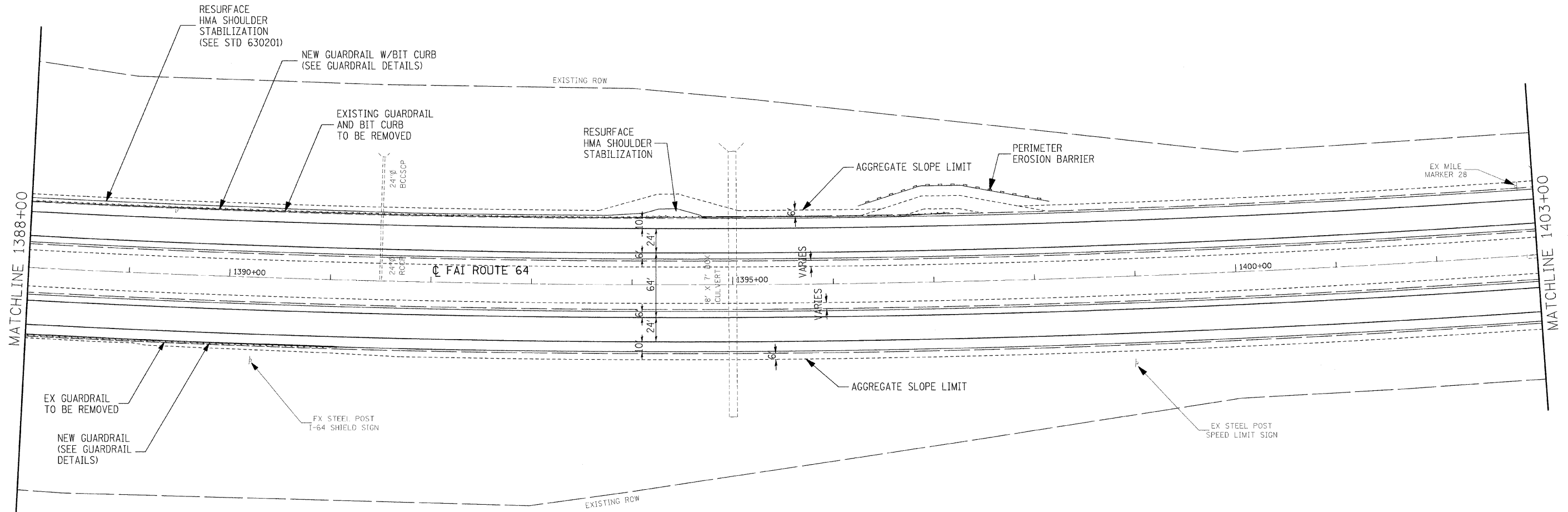
NOTE:
 SEE S.N. 082-0194
 & 082-0195 PLAN SHEETS
 FOR BRIDGE REPAIRS

REF: 0128200000000000
 REF: 0128200000000000
 PLOT DRIVER = C:\Program Files\Bentley\MapServer\bin\mapserver-plot.plt
 PEN TABLE = S:\CAD\LIBRARY\MapServer\fonttbl.tbl

FILE NAME = 0876855-sh1-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 33	
PLOT SCALE = 50.0000 "/> <td>PLOT DATE = 12/10/2008</td> <td>DRAWN - SCF</td> <td>REVISED - -</td> <td>SCALE: 1"=50'</td> <td>SHEET NO. 20 OF 26 SHEETS</td> <td>STA. 1373+00 TO STA. 1388+00</td> <td colspan="5" style="text-align: center;">CONTRACT NO. 76855</td>	PLOT DATE = 12/10/2008	DRAWN - SCF	REVISED - -		SCALE: 1"=50'	SHEET NO. 20 OF 26 SHEETS	STA. 1373+00 TO STA. 1388+00	CONTRACT NO. 76855				
CHECKED - TJO	DATE - 12/12/08	REVISI -	REVISI -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
		REVISI -	REVISI -									

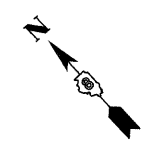
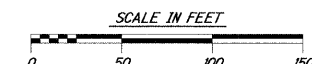


EXIST. CURVE
 PI STA. = 1445+85.05
 $\Delta = 58^\circ 58' 18''$ (L.T.)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 6,942.36'$
 $L = 12,636.78'$
 $E = 1,826.85'$
 $S.E. = 0.01561''$
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47

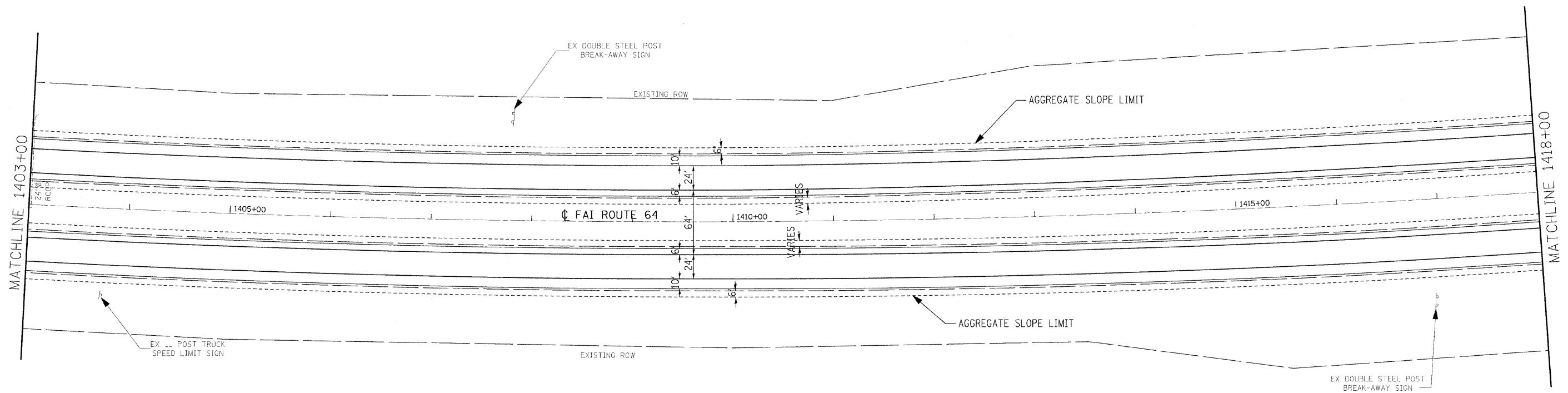


REF: p121tsp00555a
 REF: p121tsp11e00555a
 PLOT DRIVER = C:\Program Files\Autodesk\AutoCAD 2008\Plot\Plotter\inter-plot.plt
 PLOT TABLE = S:\CAD\Library\Autodesk\acad.ctb

FILE NAME = D876855-shr-plan.dgn	USER NAME = entitled	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 34
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED -		SCALE: 1"=50'	SHEET NO. 21 OF 26 SHEETS	STA. 1388+00	TO STA. 1403+00	CONTRACT NO. 76855				
PLOT DATE = 12/16/2008	DATE - 12/12/08	REVISOR -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM													

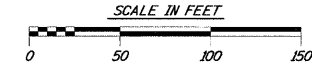


EXIST. CURVE
 PI STA. = 1445+85.05
 $\Delta = 58^\circ 58' 18''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 6,942.36'$
 $L = 12,636.78'$
 $E = 1,826.85'$
 $S.E. = 0.0156'/'$
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47

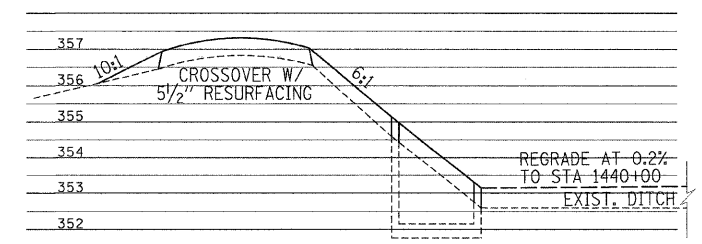
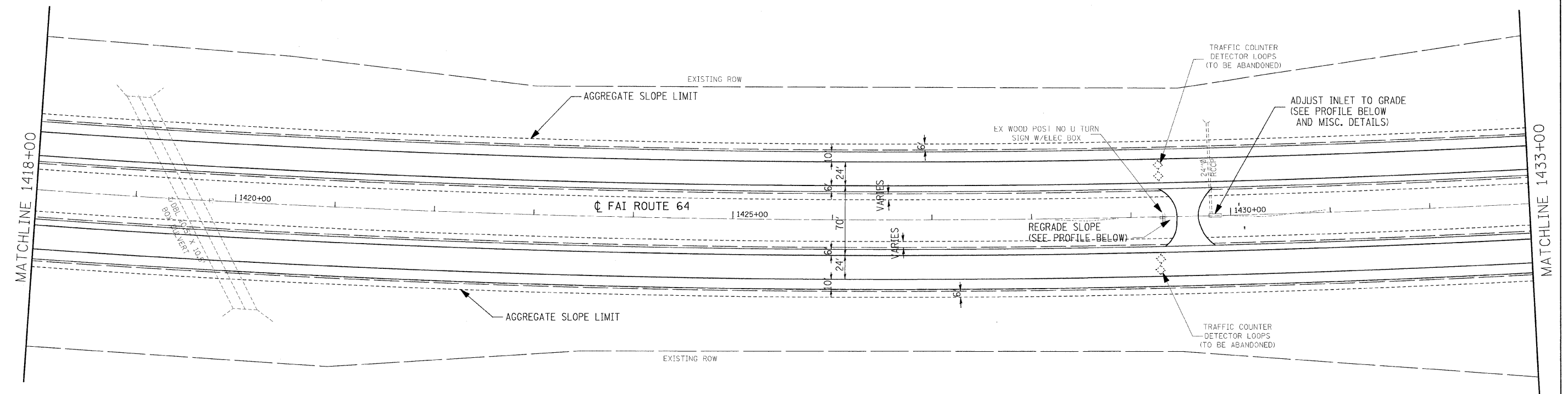


REF: p122top020505a
 REF: p1226at11020505a
 PLOT DRIVER = C:\Program Files\Bentley\MapSystems\temp\plotdrv\mtr-fujl.plt
 PEN TABLE = S:\CAAD Library\mtr\cros\font\table\cros.tbl

FILE NAME = D876855-sh1-plan.dgn		USER NAME = untitled	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 50.0000' / IN.		DESIGNED - SCF	CHECKED - TJQ	REVISED -		SCALE: 1"=50'	SHEET NO. 22 OF 26 SHEETS	STA. 1403+00	TO STA. 1418+00	64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	35
PLOT DATE = 12/10/2008		DATE - 12/12/08	REVISIONS	REVISIONS						CONTRACT NO. 76855				
										ILLINOIS FED. AID PROJECT				



EXIST. CURVE
 PI STA. = 1445+85.05
 Δ = 58° 58' 18" (LT)
 D = 0° 28' 00"
 R = 12,277.67'
 T = 6,942.36'
 L = 12,636.78'
 E = 1,826.85'
 S.E. = 0.0156'/'
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47



CROSSOVER - INLET PROFILE
 NOT TO SCALE

REF: p123topp00505a
 REF: p123topp100505a
 PLOT DRIVER = C:\Program Files\Bentley\MapSource\System\cdrv\inter-fu1.plt
 PEN TABLE = C:\Program Files\Bentley\MapSource\System\cdrv\inter-fu1.tbl

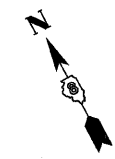
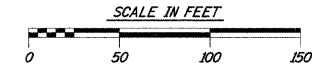
FILE NAME = D876855-sh1-plan.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
		DRAWN - SCF	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - TJQ	REVISED -
	PLOT DATE = 1/29/2009	DATE - 12/12/08	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

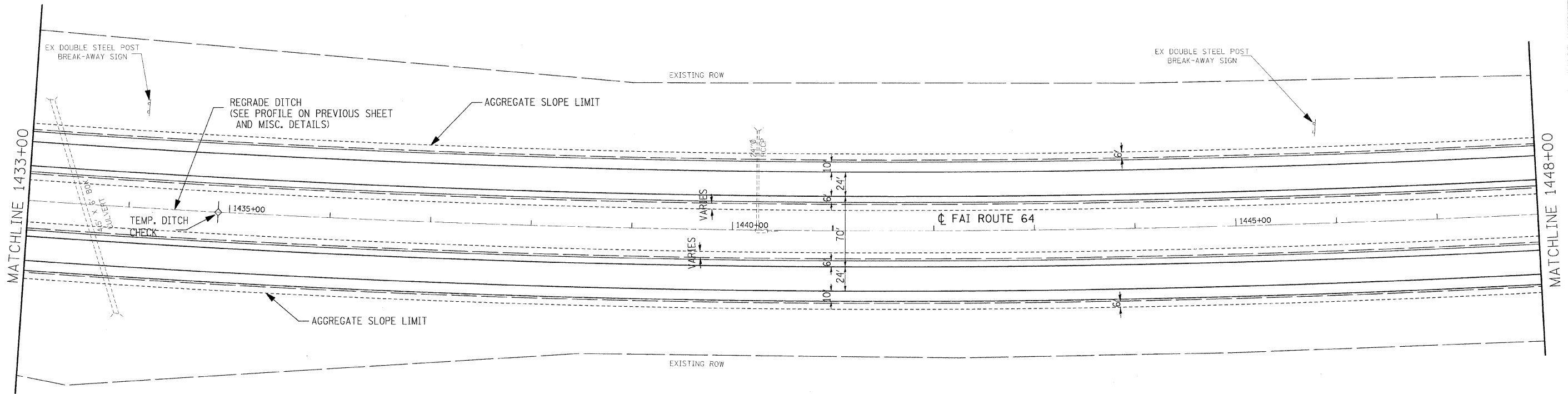
PLAN SHEET

SCALE: 1"=50' SHEET NO. 23 OF 26 SHEETS STA. 1418+00 TO STA. 1433+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	36
CONTRACT NO. 76855				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXIST. CURVE
 PI STA. = 1445+85.05
 $\Delta = 58^\circ 58' 18''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 6,942.36'$
 $L = 12,836.78'$
 $E = 1,826.85'$
 $S.E. = 0.0156'/'$
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47



REF: p124topo-02505a
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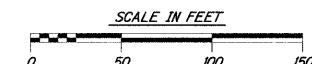
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		DRAWN - SCF	REVISED -
		CHECKED - TJO	REVISED -
		DATE - 12/12/08	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

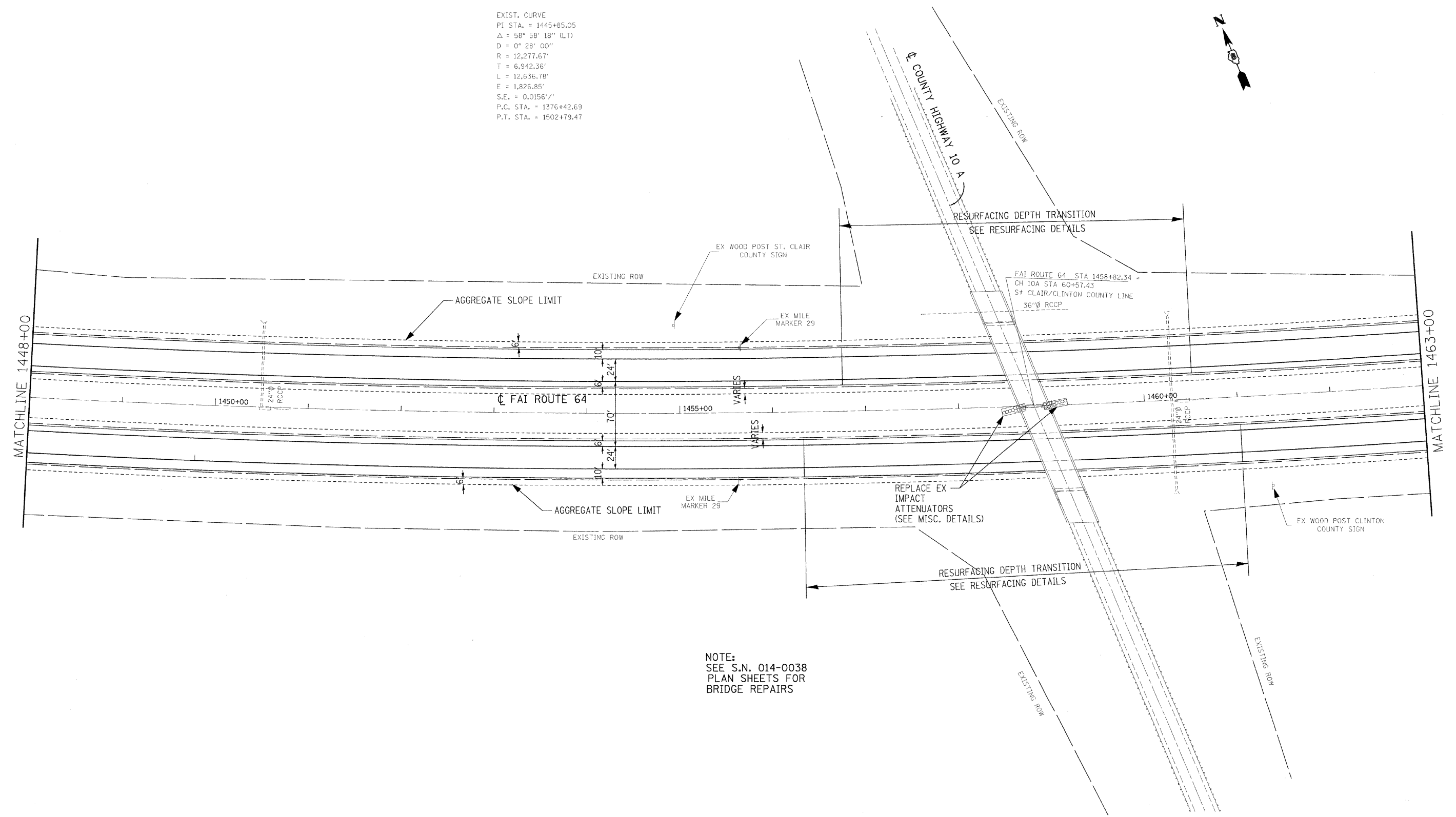
PLAN SHEET

SCALE: 1"=50' SHEET NO. 24 OF 26 SHEETS STA. 1433+00 TO STA. 1448+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	37
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76855	



EXIST. CURVE
 PI STA. = 1445+85.05
 $\Delta = 58^\circ 58' 18''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 6,942.36'$
 $L = 12,636.78'$
 $E = 1,826.85'$
 $S.E. = 0.0156''/'$
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47



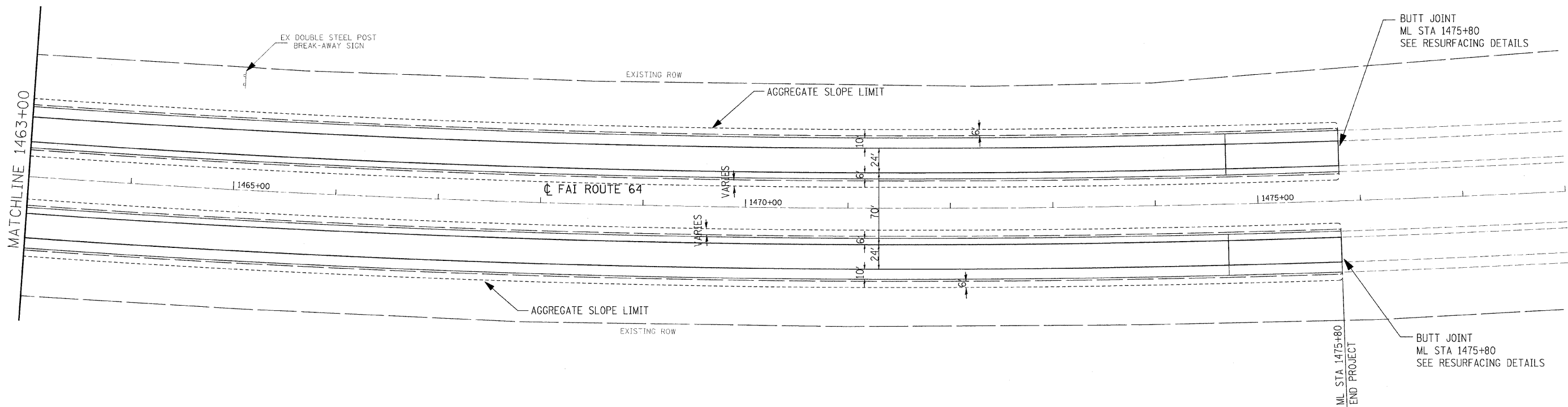
NOTE:
 SEE S.N. 014-0038
 PLAN SHEETS FOR
 BRIDGE REPAIRS

REF: p125foc00505a
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 PEN TABLE = S:\CAD\Library\MicroStation\comp\tbl\tbl.tbl

FILE NAME = D876855-sh1-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 38	
PLOT SCALE = 50.0000' / IN.	CHECKED - TJO	DRAWN - SCF	REVISED - -		SCALE: 1"=50'	SHEET NO. 25 OF 26 SHEETS	STA. 1448+00 TO STA. 1463+00	CONTRACT NO. 76855		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISOR - -	REVISOR - -									



EXIST. CURVE
 PI STA. = 1445+85.05
 Δ = 58° 58' 18" (LT)
 D = 0° 28' 00"
 R = 12,277.67'
 T = 6,942.36'
 L = 12,636.78'
 E = 1,826.85'
 S.E. = 0.0156'/"
 P.C. STA. = 1376+42.69
 P.T. STA. = 1502+79.47



REF: p126500-000055a
 REF: p126501-000055a
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FILE NAME = 0876855-ahp-plan.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED - -
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PLOT DATE = 12/10/2008	DATE - 12/12/08		REVISED - -

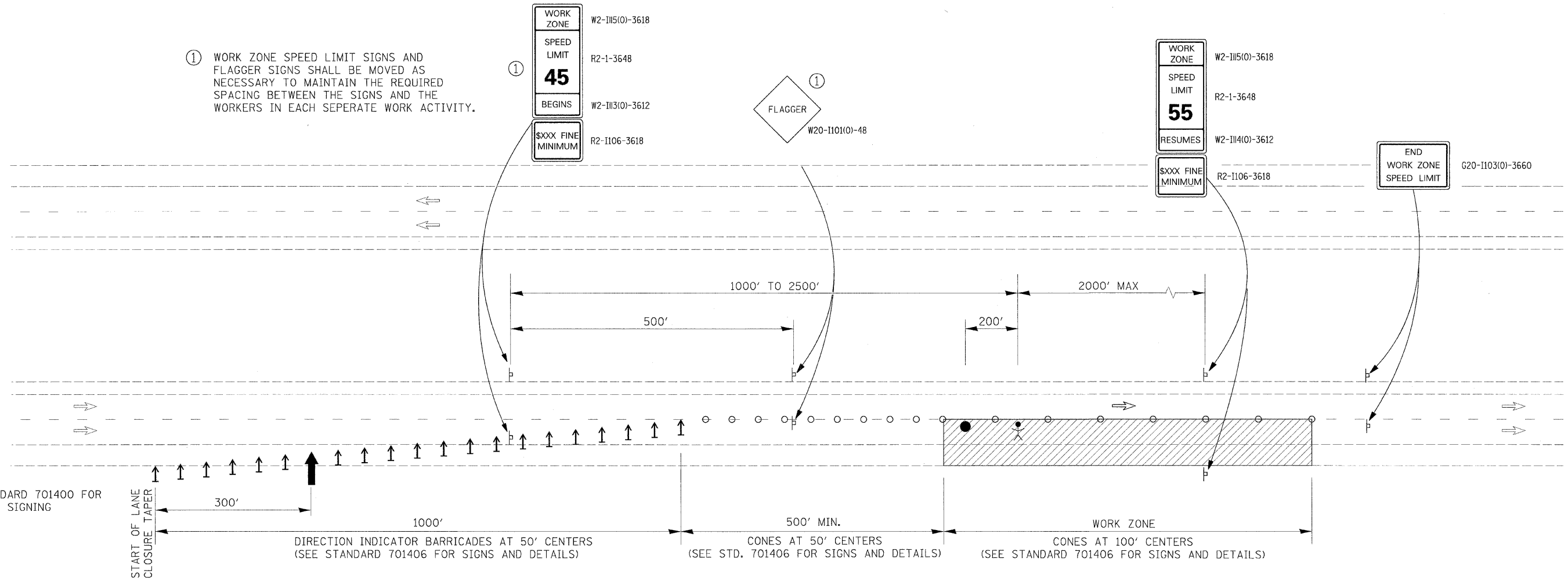
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1"=50' SHEET NO. 26 OF 26 SHEETS STA. 1463+00 TO STA. 1475+80

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	

① WORK ZONE SPEED LIMIT SIGNS AND FLAGGER SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN THE SIGNS AND THE WORKERS IN EACH SEPERATE WORK ACTIVITY.



SEE STANDARD 701400 FOR APPROACH SIGNING

SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊙ WORKER
- ⊞ SIGN
- ↑ DIRECTION INDICATOR BARRICADE
- CONE, DRUM OR BARRICADE
- FLAGGER WITH TRAFFIC CONTROL SIGN

NOTES

THIS LANE CLOSURE DETAIL FOR DAYTIME OPERATIONS ONLY. ALL LANES SHALL BE OPEN TO REGULAR TRAFFIC DURING NIGHTTIME HOURS, WITH A MAXIMUM PAVEMENT HEIGHT DIFFERENTIAL OF 2" BETWEEN LANES OR BETWEEN LANES AND ADJACENT SHOULDER. WHILE PAVEMENT HEIGHT DIFFERENTIAL EXISTS, A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER WARNING OF UNEVEN PAVEMENT AHEAD.

MILLING AND 1st BINDER COURSE, OR 2nd BINDER COURSE AND SURFACE COURSE, MAY BE COMPLETED DURING ONE LANE CLOSURE SETUP IF ALL CAN BE COMPLETED DURING DAYLIGHT HOURS.

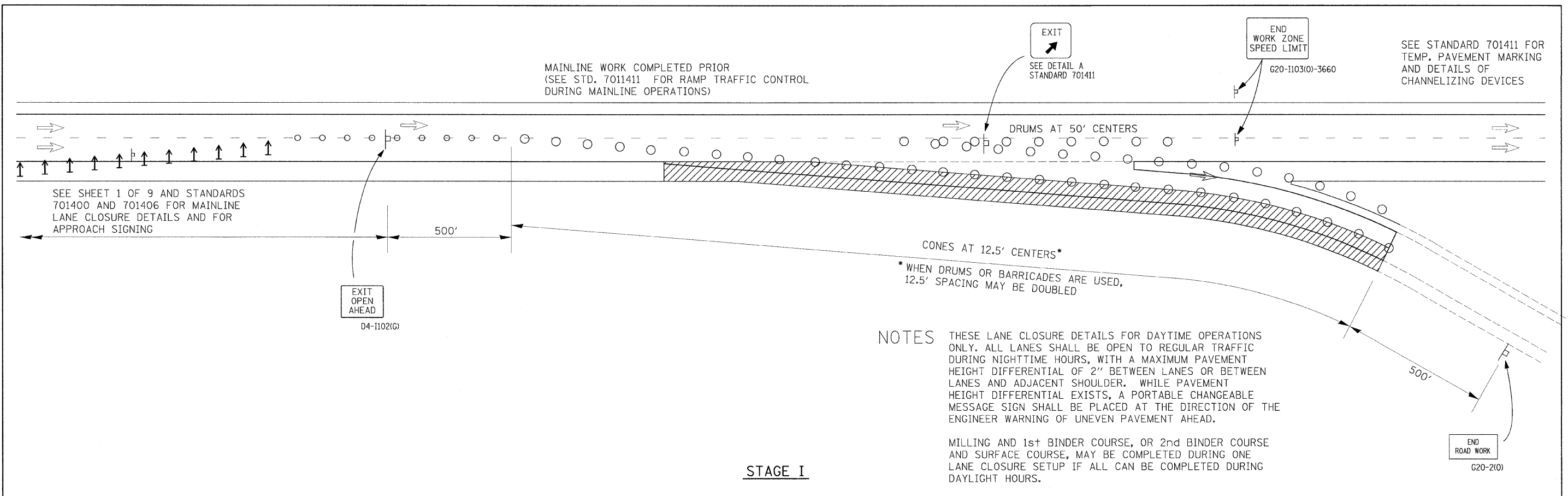
FOR WORK ON LEFT LANE, USE MIRROR IMAGE OF THIS SETUP.

SEE STANDARD DRAWING 701411 FOR RAMP ACCESS WITHIN WORK ZONE.

I-64

FILE NAME = D876855-sh1-staging.dgn	USER NAME = untitled	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 40	
PLOT SCALE = 1/8" = 1' IN.	CHECKED - TJQ	DRAWN - SCF	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 76855		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/10/2008	DATE - 12/12/08	CHECKED - TJQ	REVISED -									
		DATE - 12/12/08	REVISED -									

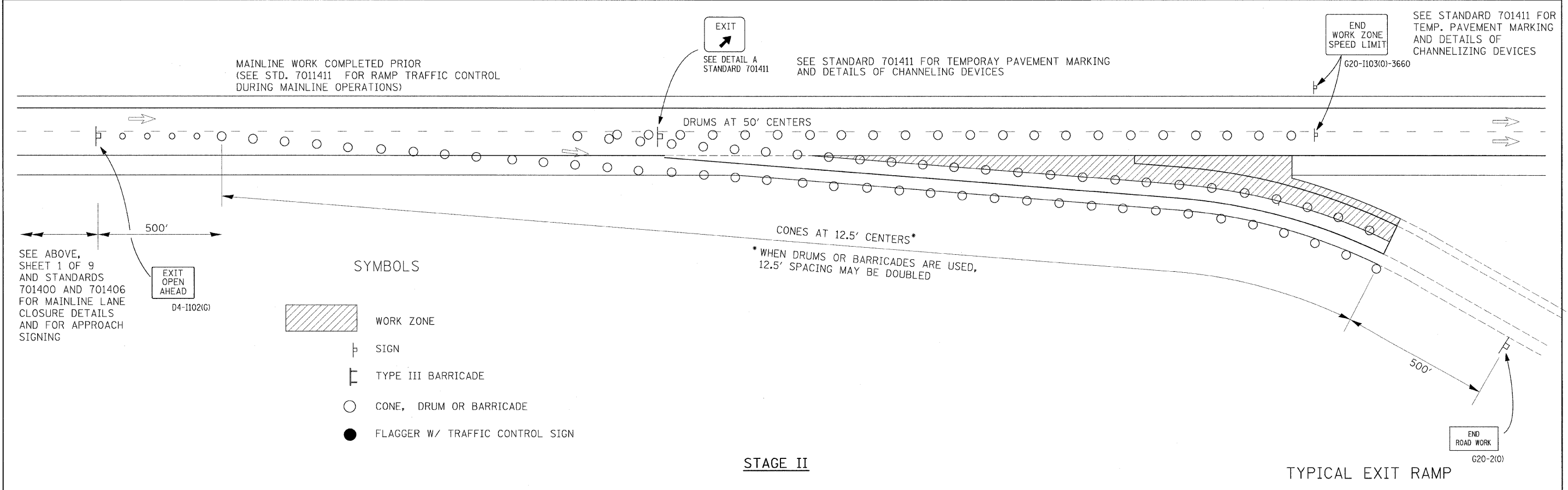
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NOTES THESE LANE CLOSURE DETAILS FOR DAYTIME OPERATIONS ONLY. ALL LANES SHALL BE OPEN TO REGULAR TRAFFIC DURING NIGHTTIME HOURS, WITH A MAXIMUM PAVEMENT HEIGHT DIFFERENTIAL OF 2" BETWEEN LANES OR BETWEEN LANES AND ADJACENT SHOULDER. WHILE PAVEMENT HEIGHT DIFFERENTIAL EXISTS, A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER WARNING OF UNEVEN PAVEMENT AHEAD.

MILLING AND 1st BINDER COURSE, OR 2nd BINDER COURSE AND SURFACE COURSE, MAY BE COMPLETED DURING ONE LANE CLOSURE SETUP IF ALL CAN BE COMPLETED DURING DAYLIGHT HOURS.

STAGE I



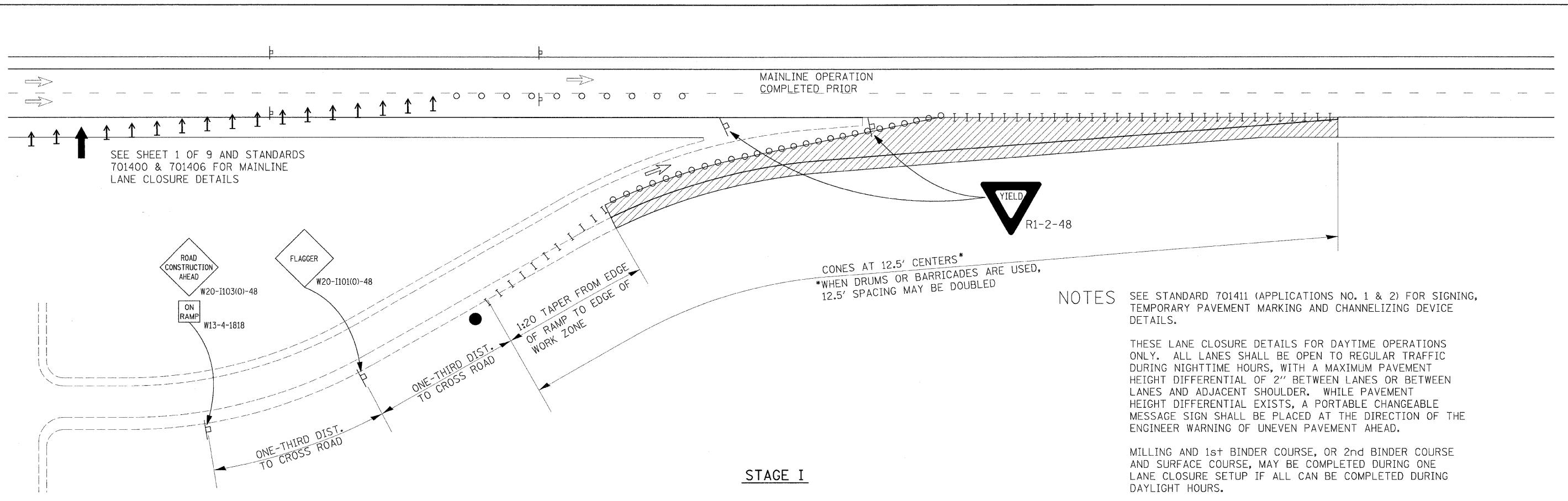
- SYMBOLS**
- WORK ZONE
 - SIGN
 - TYPE III BARRICADE
 - CONE, DRUM OR BARRICADE
 - FLAGGER W/ TRAFFIC CONTROL SIGN

STAGE II

TYPICAL EXIT RAMP

FILE NAME = D876855-sht-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 41	
PLOT SCALE = 1/8" = 1' IN.	CHECKED - TJQ	DATE - 12/12/08	REVISIONS		SCALE: NONE	SHEET NO. 2 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 76855				
PLOT DATE = 1/29/2009	DATE - 12/12/08	REVISIONS			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM												

PLOT DRIVER = C:\Program Files\Bentley\MapSystems\Temp\Plot\PlotInter-full.plt
 PEN TABLE = C:\Program Files\Bentley\MapSystems\Temp\Plot\PlotInter-full.tbl

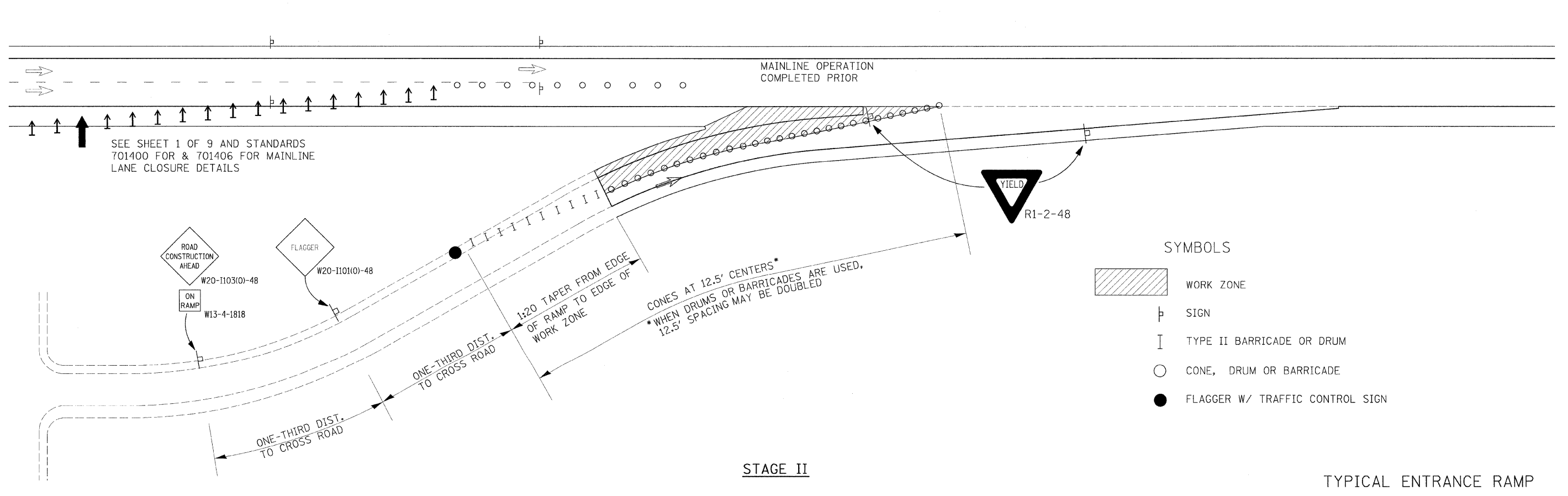


NOTES

SEE STANDARD 701411 (APPLICATIONS NO. 1 & 2) FOR SIGNING, TEMPORARY PAVEMENT MARKING AND CHANNELIZING DEVICE DETAILS.

THESE LANE CLOSURE DETAILS FOR DAYTIME OPERATIONS ONLY. ALL LANES SHALL BE OPEN TO REGULAR TRAFFIC DURING NIGHTTIME HOURS, WITH A MAXIMUM PAVEMENT HEIGHT DIFFERENTIAL OF 2" BETWEEN LANES OR BETWEEN LANES AND ADJACENT SHOULDER. WHILE PAVEMENT HEIGHT DIFFERENTIAL EXISTS, A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER WARNING OF UNEVEN PAVEMENT AHEAD.

MILLING AND 1st BINDER COURSE, OR 2nd BINDER COURSE AND SURFACE COURSE, MAY BE COMPLETED DURING ONE LANE CLOSURE SETUP IF ALL CAN BE COMPLETED DURING DAYLIGHT HOURS.



- SYMBOLS**
- WORK ZONE
 - SIGN
 - TYPE II BARRICADE OR DRUM
 - CONE, DRUM OR BARRICADE
 - FLAGGER W/ TRAFFIC CONTROL SIGN

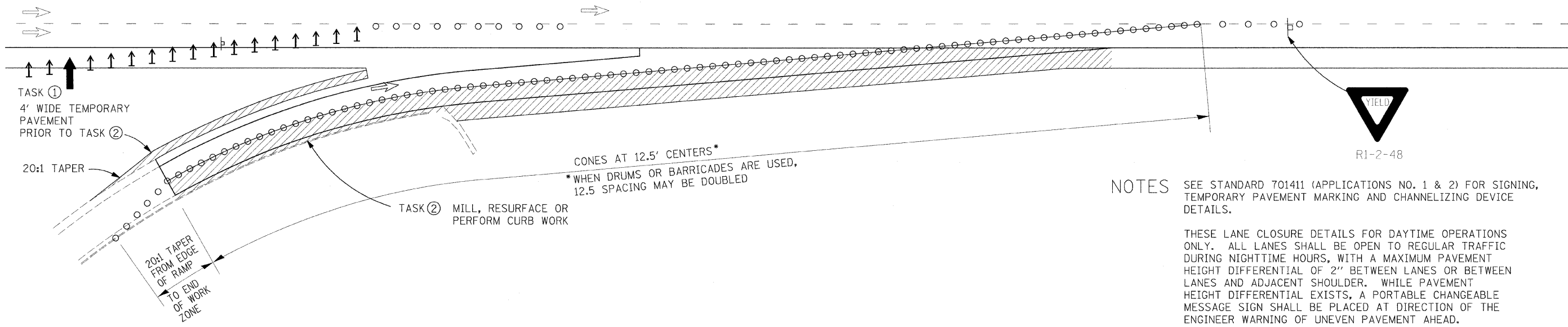
TYPICAL ENTRANCE RAMP

FILE NAME = D876855-sh1-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 42	
PLOT SCALE = 100.0000' / 1" IN.	CHECKED - TJO	DATE - 12/12/08	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 76855				
PLOT DATE = 1/29/2009	DATE - 12/12/08	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM												

FAI ROUTE 64

SEE SHEET 1 OF 9 AND STANDARDS
701400 & 701406 FOR MAINLINE
LANE CLOSURE DETAILS

MAINLINE WORK COMPLETED PRIOR
(SEE STD. 701411 FOR RAMP TRAFFIC CONTROL
DURING MAINLINE OPERATIONS)



NOTES SEE STANDARD 701411 (APPLICATIONS NO. 1 & 2) FOR SIGNING, TEMPORARY PAVEMENT MARKING AND CHANNELIZING DEVICE DETAILS.

THESE LANE CLOSURE DETAILS FOR DAYTIME OPERATIONS ONLY. ALL LANES SHALL BE OPEN TO REGULAR TRAFFIC DURING NIGHTTIME HOURS, WITH A MAXIMUM PAVEMENT HEIGHT DIFFERENTIAL OF 2" BETWEEN LANES OR BETWEEN LANES AND ADJACENT SHOULDER. WHILE PAVEMENT HEIGHT DIFFERENTIAL EXISTS, A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT DIRECTION OF THE ENGINEER WARNING OF UNEVEN PAVEMENT AHEAD.

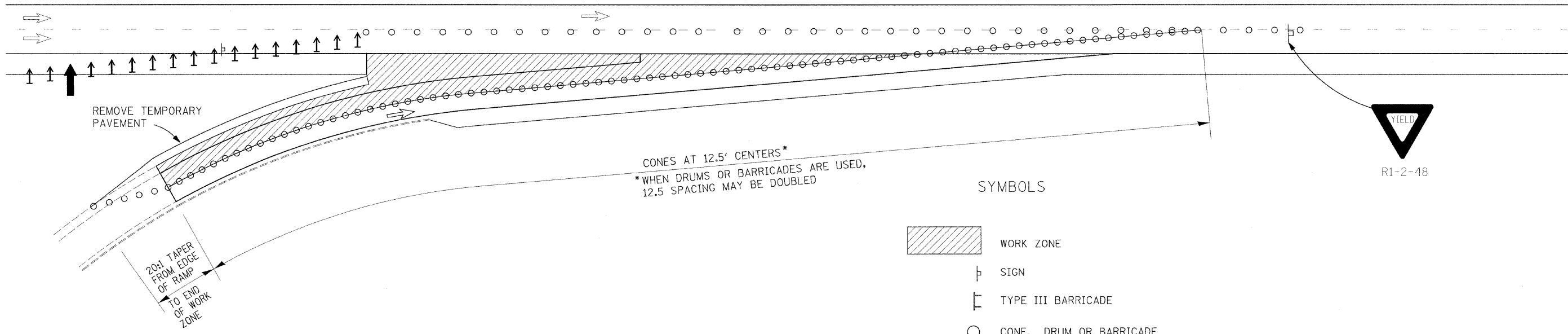
MILLING AND 1st BINDER COURSE, OR 2nd BINDER COURSE AND SURFACE COURSE, MAY BE COMPLETED DURING ONE LANE CLOSURE SETUP IF ALL CAN BE COMPLETED DURING DAYLIGHT HOURS.

STAGE I

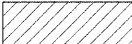




FAI ROUTE 64

SEE SHEET 1 OF 9 AND STANDARDS
701400 & 701406 FOR MAINLINE
LANE CLOSURE DETAILS

MAINLINE WORK COMPLETED PRIOR
(SEE STD. 701411 FOR RAMP TRAFFIC CONTROL
DURING MAINLINE OPERATIONS)



SYMBOLS

-  WORK ZONE
-  SIGN
-  TYPE III BARRICADE
-  CONE, DRUM OR BARRICADE
-  FLAGGER W/ TRAFFIC CONTROL SIGN

STAGE II

ENTRANCE RAMPS REST AREA

FILE NAME = D876885-shr-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
		DRAWN - SCF	REVISED -
		CHECKED - TJQ	REVISED -
		DATE - 12/12/08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN

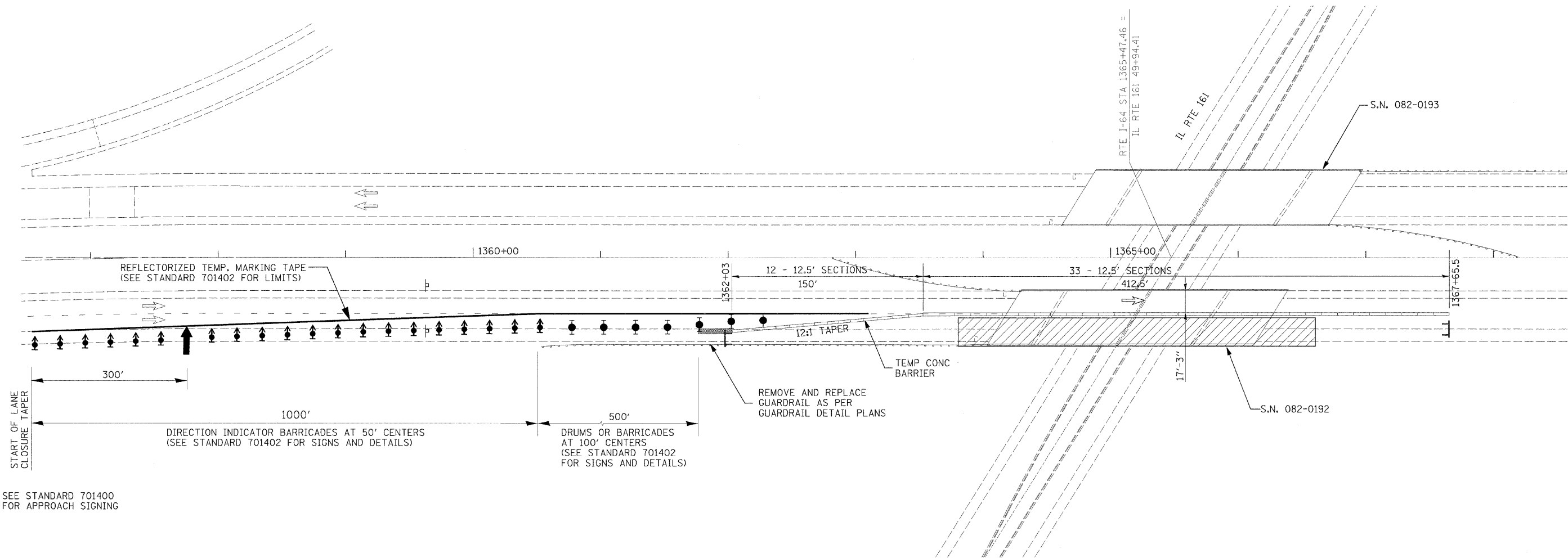
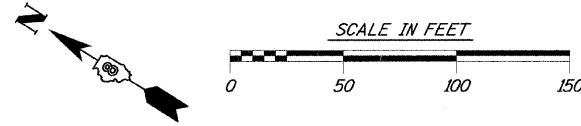
SCALE: 1"=50' SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	

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PEN TABLE = C:\Program Files\Bentley\MicroStation\System\pen.tbl

NOTES

- FOR WORK ON LEFT LANE, USE MIRROR IMAGE OF THIS SETUP.
- FOR WORK ON WESTBOUND LANES, USE MIRROR IMAGES OF THIS SETUP.
- SEE STANDARD DRAWING 701402 FOR SIGNING DETAILS, TEMPORARY PAVEMENT MARKING, AND DETAILS OF CHANNELIZING DEVICES.
- SEE STANDARD DRAWING 701411 FOR RAMP ACCESS WITHIN WORK AREA.



SEE STANDARD 701400 FOR APPROACH SIGNING

SYMBOLS

- WORK ZONE
- SIGN
- TYPE II BARRICADE OR DRUM
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR

I-64 OVER
ILLINOIS ROUTE 161
(S.N. 082-0192 EB)
(S.N. 082-0193 WB)

FILE NAME = DB76855-ah1-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
		DRAWN - SCF	REVISED -
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	PLOT DATE = 1/29/2009	DATE - 12/12/08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL PLAN

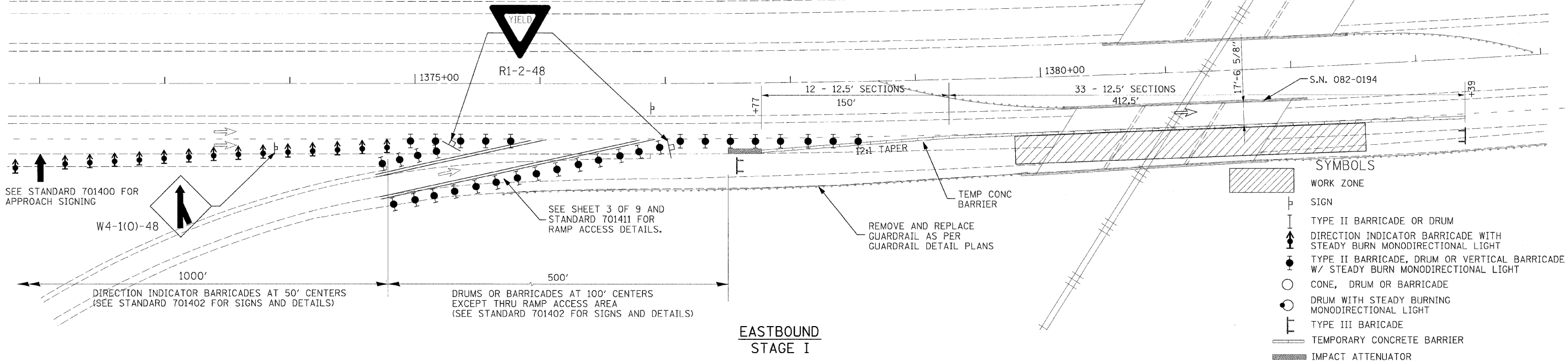
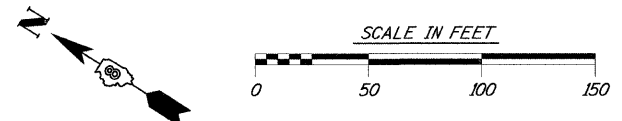
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	44
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	

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NOTES

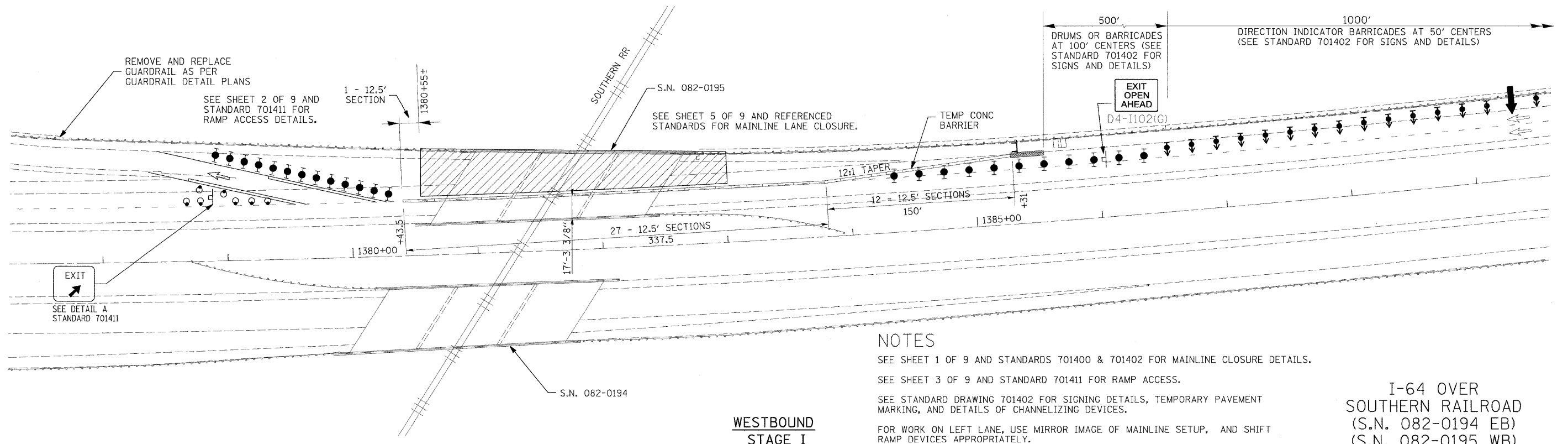
SEE SHEET 1 OF 9 AND STANDARDS 701400 & 701402 FOR MAINLINE CLOSURE DETAILS.
 SEE SHEET 3 OF 9 AND STANDARD 701411 FOR RAMP ACCESS.
 SEE STANDARD DRAWING 701402 FOR SIGNING DETAILS, TEMPORARY PAVEMENT MARKING, AND DETAILS OF CHANNELIZING DEVICES.
 FOR WORK ON LEFT LANE, USE MIRROR IMAGE OF MAINLINE SETUP, AND SHIFT RAMP DEVICES APPROPRIATELY.



- SYMBOLS**
- WORK ZONE
 - SIGN
 - TYPE II BARRICADE OR DRUM
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
 - CONE, DRUM OR BARRICADE
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR

EASTBOUND STAGE I

SEE STANDARD 701400 FOR APPROACH SIGNING



NOTES

SEE SHEET 1 OF 9 AND STANDARDS 701400 & 701402 FOR MAINLINE CLOSURE DETAILS.
 SEE SHEET 3 OF 9 AND STANDARD 701411 FOR RAMP ACCESS.
 SEE STANDARD DRAWING 701402 FOR SIGNING DETAILS, TEMPORARY PAVEMENT MARKING, AND DETAILS OF CHANNELIZING DEVICES.
 FOR WORK ON LEFT LANE, USE MIRROR IMAGE OF MAINLINE SETUP, AND SHIFT RAMP DEVICES APPROPRIATELY.

WESTBOUND STAGE I

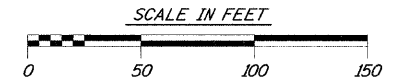
I-64 OVER SOUTHERN RAILROAD
 (S.N. 082-0194 EB)
 (S.N. 082-0195 WB)

FILE NAME = D876855-sh1-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 45	
PLOT SCALE = 3/4" = 1' IN.	PLOT DATE = 1/29/2009	DRAWN - SCF	REVISED -		SCALE: 1" = 50'	SHEET NO. 6 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 76855				
		CHECKED - TJQ	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 12/12/08	REVISED -									

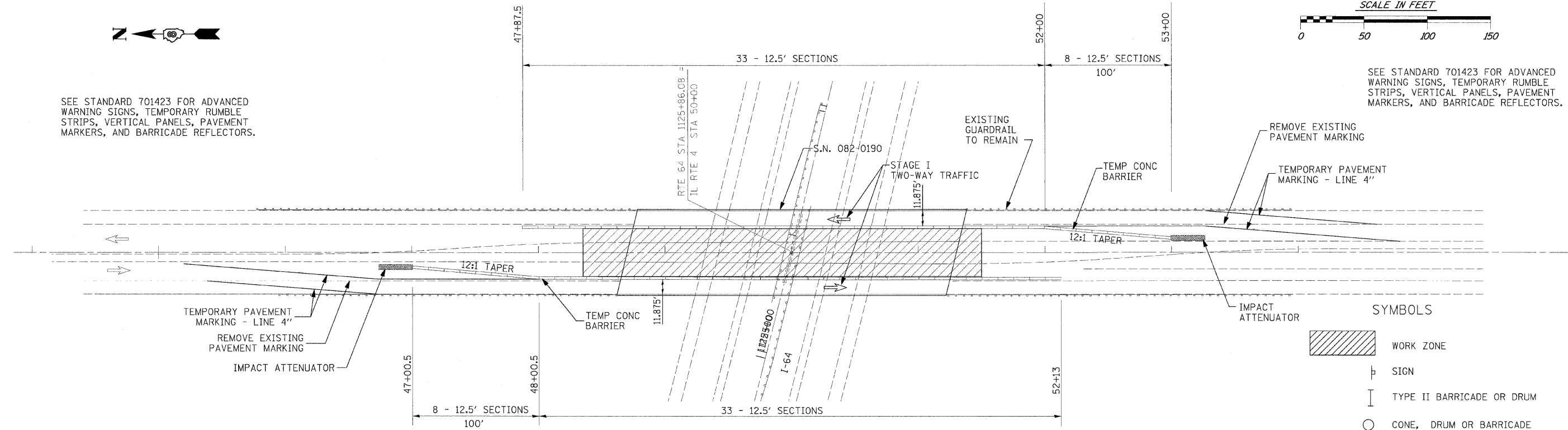
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 PEN TABLE = C:\Program Files\Bentley\MapSystems\Temp\otdr\wcr\inter-fu\1-sub.tbl



SEE STANDARD 701423 FOR ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS.

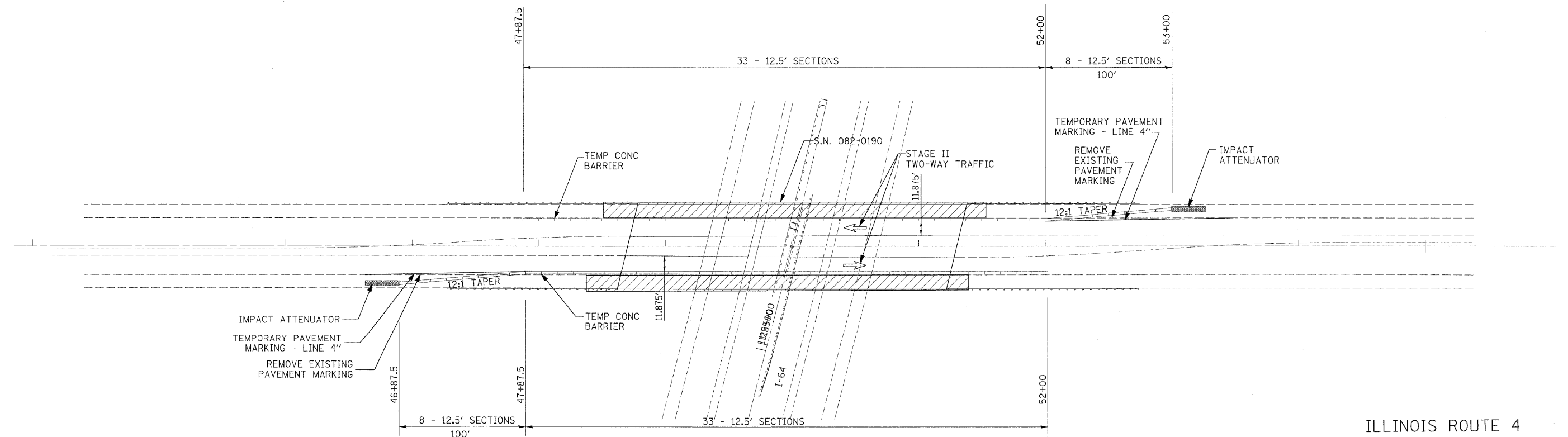


SEE STANDARD 701423 FOR ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS.



STAGE I

- SYMBOLS**
- WORK ZONE
 - SIGN
 - TYPE II BARRICADE OR DRUM
 - CONE, DRUM OR BARRICADE
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT

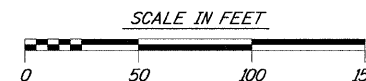
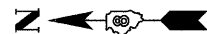


STAGE II

ILLINOIS ROUTE 4
OVER I-64
(S.N. 082-0190)

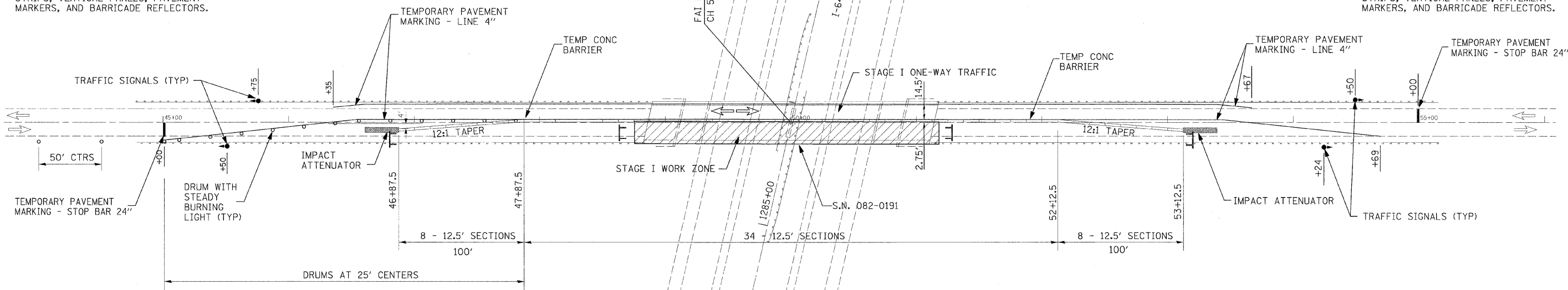
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PLOT SCALE = 40,0000' / IN.	CHECKED - TJO	DATE - 12/12/08	REVISED - -		SCALE: 1" = 50'	SHEET NO. 7 OF 9 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 76855	
PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISED - -	REVISED - -								

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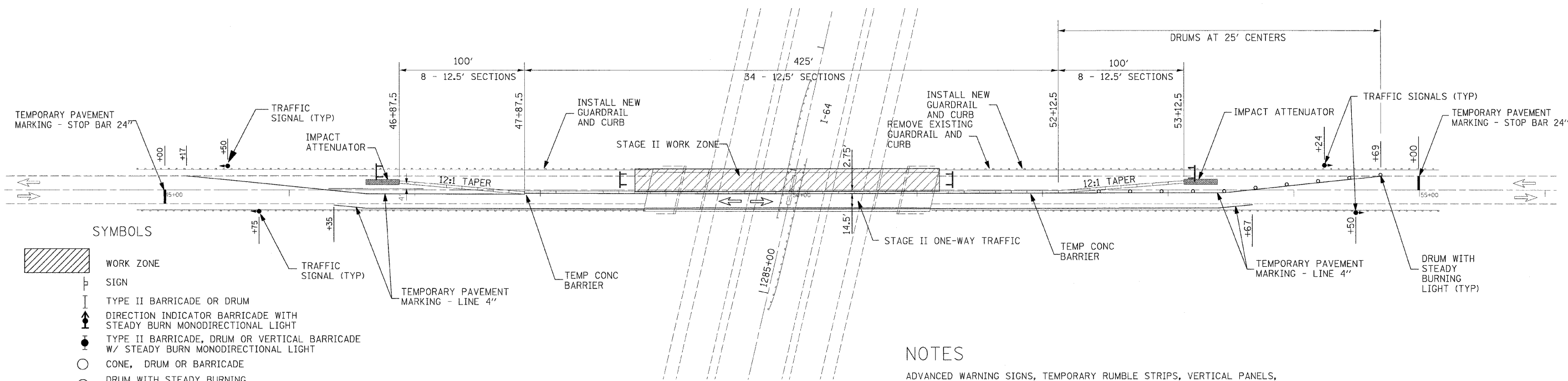


SEE STANDARD 701321 FOR ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS.

SEE STANDARD 701321 FOR ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS.



STAGE I



STAGE II

SYMBOLS

- WORK ZONE
- SIGN
- TYPE II BARRICADE OR DRUM
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR

NOTES

ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS SHALL BE LOCATED IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701321.

SEE SPECIAL PROVISIONS AND HIGHWAY STANDARD 701321 FOR ADDITIONAL INFORMATION.

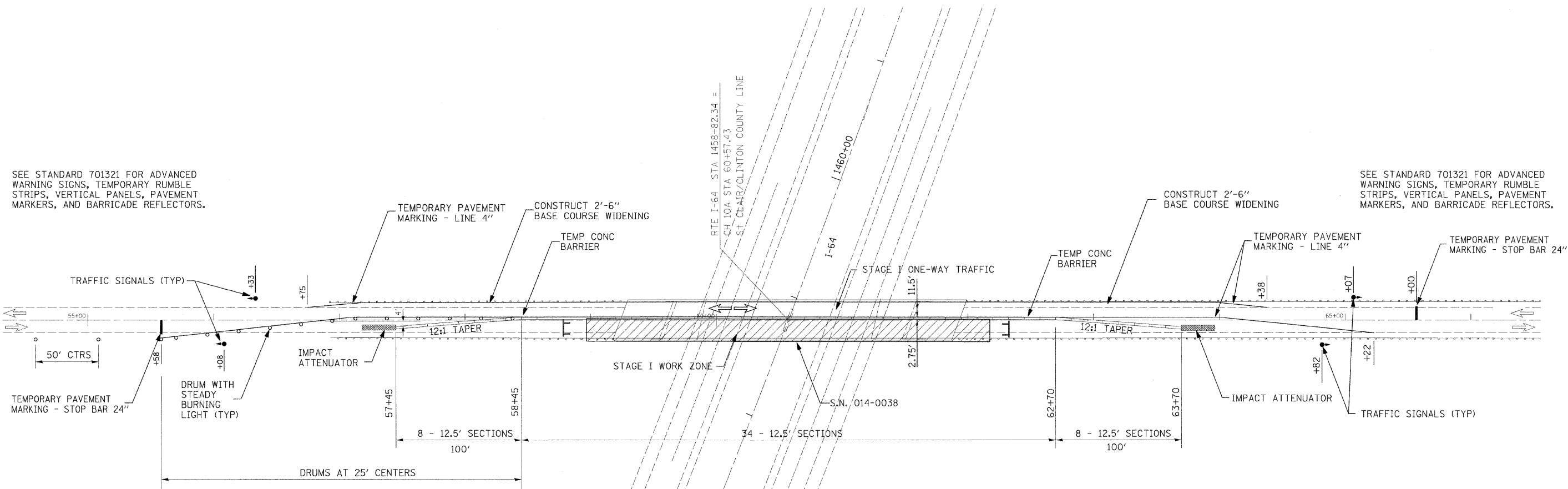
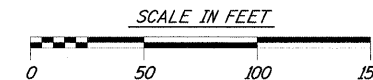
C.H.50 (SUMMERFIELD ROAD)
OVER I-64
(S.N. 082-0191)

FILE NAME = D876855-sh1-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN		F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR-CLINTON	TOTAL SHEETS 78	SHEET NO. 47	
PLOT SCALE = 3/32" = 1" / IN.		DRAWN - SCF	REVISED -		SCALE: 1" = 50'	SHEET NO. 8 OF 9 SHEETS	STA. TO STA.	CONTRACT NO. 76855		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/29/2009		CHECKED - TJQ	REVISED -									
		DATE - 12/12/08	REVISED -									

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NOTES

FOR WORK ON LEFT LANE, USE MIRROR IMAGE OF THIS SETUP.



SEE STANDARD 701321 FOR ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS.

SEE STANDARD 701321 FOR ADVANCED WARNING SIGNS, TEMPORARY RUMBLE STRIPS, VERTICAL PANELS, PAVEMENT MARKERS, AND BARRICADE REFLECTORS.

- SYMBOLS**
- WORK ZONE
 - SIGN
 - TYPE II BARRICADE OR DRUM
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
 - CONE, DRUM OR BARRICADE
 - DRUM WITH STEADY BURNING MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATOR

C.H.10A (COUNTY LINE ROAD)
OVER I-64
(S.N. 014-0038)

FILE NAME = 0876855-ah1-staging.dgn	USER NAME = Steve	DESIGNED - SCF	REVISED -
		DRAWN - SCF	REVISED -
		CHECKED - TJQ	REVISED -
		DATE - 12/12/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

SCALE: 1" = 50' SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	

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THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

- ILR10
- ILR40 PERMIT NO. 0493

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE
PRINT NAME

Mary C. Lamie

SIGNATURE

DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER
TITLE

12/11/08
DATE

IL DEPT. OF TRANSPORTATION
AGENCY

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED IMPROVEMENTS OF FAI 64 BEGINNING 0.5 MILES WEST OF ILLINOIS ROUTE 4 IN ST. CLAIR COUNTY AND EXTENDING EAST APPROXIMATELY 7 MILES ENDING 0.3 MILES EAST OF COUNTY LINE ROAD IN CLINTON COUNTY.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL CONSIST OF PATCHING AND RESURFACING THE PREVIOUSLY RESURFACED CRPCC PAVEMENT, PATCHING THE INTERCHANGE AND REST AREA RAMPS, BRIDGE REPAIR AND OVERLAY, AGGREGATE SHOULDERS, COMBINATION CONCRETE CURB AND GUTTER, PAVEMENT MARKING, LANDSCAPING AND ALL INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

CURB AND GUTTER REMOVAL AND REPLACEMENT AT THE ENTRANCE RAMP FROM THE EASTBOUND REST AREA.

CURB AND GUTTER REMOVAL AND REPLACEMENT AND SHOULDER WIDENING AT THE ENTRANCE RAMP FROM THE WESTBOUND REST AREA.

GRADING FOR GUARDRAIL INSTALLATIONS IN THE MEDIANS NEAR THE BRIDGES OVER IL ROUTE 161 AND SOUTHERN RAILROAD.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 130 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 1.5 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: SAME AS EXISTING.

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSION:

THE SOIL IN THE AREA OF THE GUARDRAIL INSTALLATION AT THE EXIT RAMP INTO THE EASTBOUND REST AREA IS IVA SILT LOAM, A SOMEWHAT POORLY DRAINED SOIL WITH A SLIGHT SUSCEPTIBILITY TO EROSION.

THE SOIL IN THE AREA OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT ALONG THE ENTRANCE RAMPS FROM THE EASTBOUND AND WESTBOUND REST AREAS IS ALFORD SILT LOAM, A WELL DRAINED SOIL WITH A SLIGHT SUSCEPTIBILITY TO EROSION.

THE SOIL IN THE AREA OF GUARDRAIL INSTALLATION AND GRADING NEAR THE BRIDGE OVER ROUTE 161 IS ORTHENTS SILTY, A SOIL WITH A SILT LOAM TO SILTY CLAY LOAM TEXTURE SUBJECT TO EROSION.

THE SOIL IN THE AREA OF GUARDRAIL INSTALLATION AND GRADING NEAR THE BRIDGE OVER SOUTHERN RAILROAD IS PIASA SILT LOAM, A POORLY DRAINED SOIL SUBJECT TO EROSION.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSION AREAS ASSOCIATED WITH THIS PROJECT:

THERE IS ONE POTENTIALLY CRITICAL EROSION AREA BETWEEN STATION 1377+00 AND STATION 1394+00 ON THE OUTSIDE SLOPE OF THE WESTBOUND LANES. THIS AREA INVOLVES PIASA SILT LOAM ON STEEP SLOPE.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSION FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS TO REMOVE AND REPLACE CURB AND GUTTER AT THE ENTRANCE RAMP FROM THE EASTBOUND REST AREA, REMOVE AND REPLACE CURB AND GUTTER AND SHOULDER WIDENING AT THE ENTRANCE RAMP FROM THE WESTBOUND REST AREA, GUARDRAIL REMOVAL AND REPLACEMENT AND GRADING FOR GUARDRAIL TERMINAL SECTIONS NEAR THE BRIDGES OVER ILLINOIS ROUTE 161 AND SOUTHERN RAILROAD. THERE ARE NO SCHEDULED NEIGHBORING ACTIVITIES THAT WILL AFFECT THE SOIL EROSION AND SEDIMENT CONTROL PLANS AND NO OFF-SITE LAND DISTURBING ACTIVITIES.

THE SOIL TYPES IN THESE AREAS HAVE EROSION CHARACTERISTICS - IVA SILT LOAM AND ALFORD SILT LOAM HAVE A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND PIASA SILT LOAM AND ORTHENTS SILTY HAVE A MODERATE SUSCEPTIBILITY TO WATER AND WIND EROSION.

I. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

SILVER CREEK

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- | | |
|---|--|
| <input checked="" type="checkbox"/> SOIL SEDIMENT | <input checked="" type="checkbox"/> PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS) |
| <input checked="" type="checkbox"/> CONCRETE | <input checked="" type="checkbox"/> ANTIFREEZE / COOLANTS |
| <input checked="" type="checkbox"/> CONCRETE TRUCK WASTE | <input checked="" type="checkbox"/> WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT |
| <input checked="" type="checkbox"/> CONCRETE CURING COMPOUNDS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input checked="" type="checkbox"/> SOLID WASTE DEBRIS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PAINTS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> SOLVENTS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input checked="" type="checkbox"/> FERTILIZERS / PESTICIDES | <input type="checkbox"/> OTHER (SPECIFY)..... |

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(a) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

G. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- | | |
|---|--|
| <input type="checkbox"/> PRESERVATION OF MATURE VEGETATION | <input checked="" type="checkbox"/> EROSION CONTROL BLANKET / MULCHING |
| <input type="checkbox"/> VEGETATED BUFFER STRIPS | <input type="checkbox"/> SODDING |
| <input type="checkbox"/> PROTECTION OF TREES | <input type="checkbox"/> GEOTEXTILES |
| <input checked="" type="checkbox"/> TEMPORARY EROSION CONTROL SEEDING | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> TEMPORARY TURF (SEEDING, CLASS 7) | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> TEMPORARY MULCHING | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input checked="" type="checkbox"/> PERMANENT SEEDING | <input type="checkbox"/> OTHER (SPECIFY)..... |

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION. BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

2. PERMANENT SEEDING - SEEDING, CLASS 2 WILL BE INSTALLED PER IDOT SPECIFICATIONS.

3. MULCH, METHOD 2 WILL BE APPLIED TO PROTECT THE DISTURBED AREAS AND PREVENT FURTHER EROSION. MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 2 WILL BE USED ON RELATIVELY FLAT AREAS.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:(CHECK ALL THAT APPLY)

- | | |
|--|--|
| <input checked="" type="checkbox"/> PERIMETER EROSION BARRIER | <input type="checkbox"/> ROCK OUTLET PROTECTION |
| <input checked="" type="checkbox"/> TEMPORARY DITCH CHECK | <input type="checkbox"/> RIPRAP |
| <input checked="" type="checkbox"/> STORM DRAIN INLET PROTECTION | <input type="checkbox"/> GABIONS |
| <input type="checkbox"/> SEDIMENT TRAP | <input type="checkbox"/> SLOPE MATTRESS |
| <input type="checkbox"/> TEMPORARY PIPE SLOPE DRAIN | <input type="checkbox"/> RETAINING WALLS |
| <input type="checkbox"/> TEMPORARY SEDIMENT BASIN | <input type="checkbox"/> SLOPE WALLS |
| <input type="checkbox"/> TEMPORARY STREAM CROSSING | <input type="checkbox"/> CONCRETE REVETMENT MATS |
| <input type="checkbox"/> STABILIZED CONSTRUCTION EXITS | <input type="checkbox"/> LEVEL SPREADERS |
| <input type="checkbox"/> TURF REINFORCEMENT MATS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PERMANENT CHECK DAMS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PERMANENT SEDIMENT BASIN | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> AGGREGATE DITCH | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PAVED DITCH | <input type="checkbox"/> OTHER (SPECIFY)..... |

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG TOE OF SLOPES OF DISTURBED AREAS IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

CONSTRUCT AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.

2. STORM DRAIN INLET PROTECTION - INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.

3. TEMPORARY DITCH CHECKS - DITCH CHECKS WILL BE PLACED IN SWALES WHERE RUNOFF VELOCITY IS HIGH. ALL STRUCTURAL PRACTICES ARE SHOWN IN DETAIL ON THE PLANS. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3 - REMOVE AT END OF CONSTRUCTION.

STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCE WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE (IF SPECIFIED), ENVIROBERM, TRIANGULAR SILT DIKES, GEORIDGE AND ROLLED EXCELSIOR.

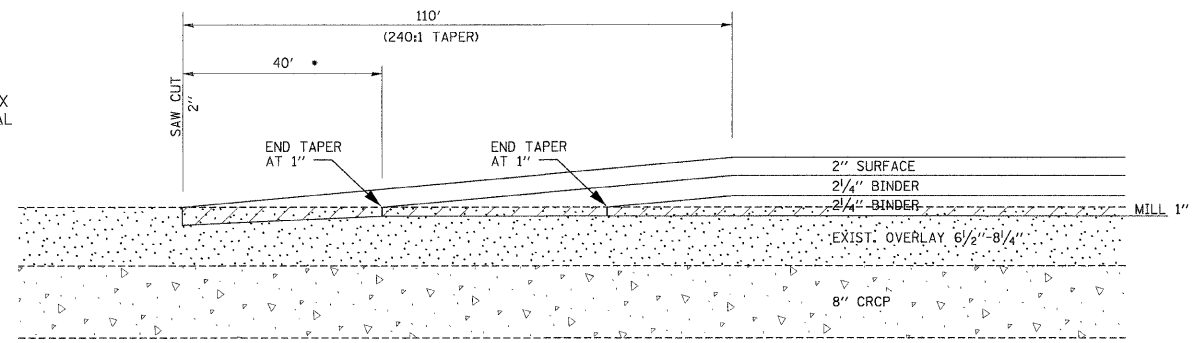
AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

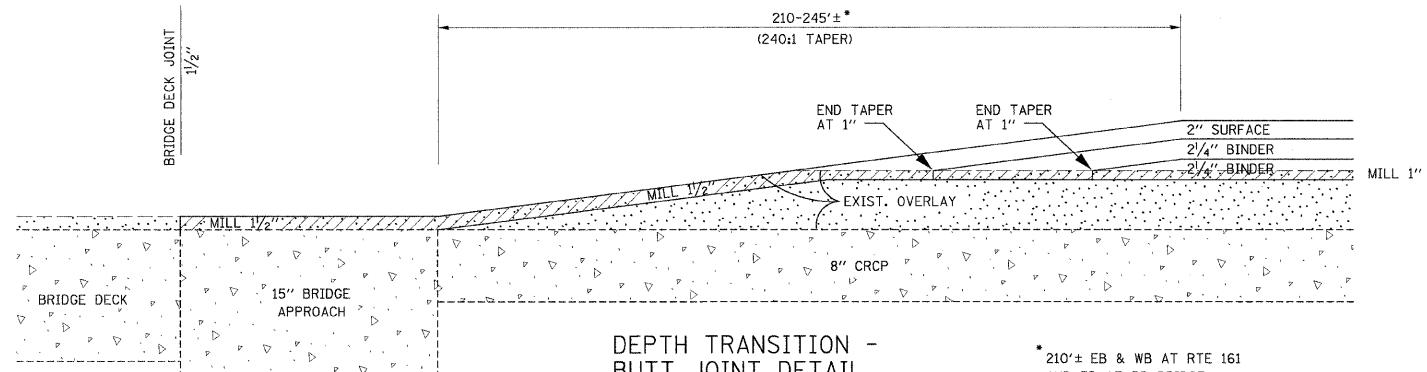
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PLOT DATE = 12/10/2008	DATE - 12/12/08	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM											

*PAY LIMITS FOR HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



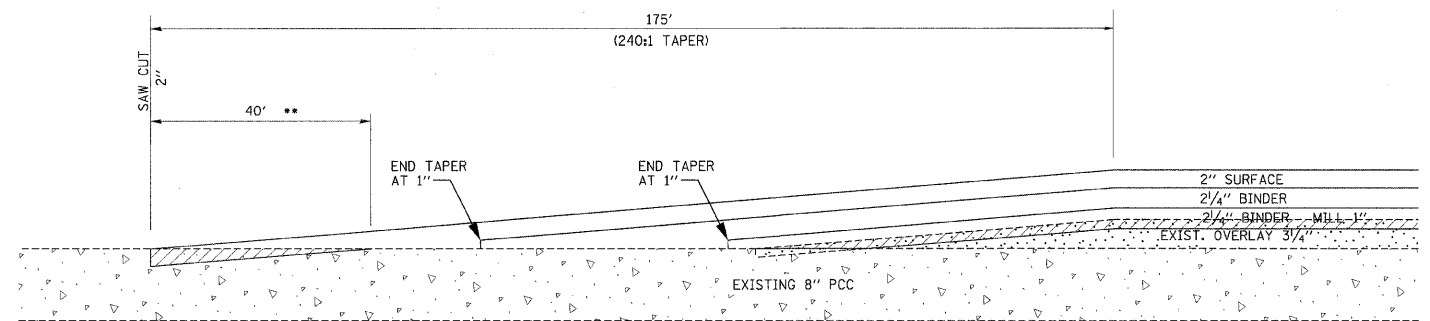
DEPTH TRANSITION - BUTT JOINT DETAIL
AT BEGINNING & END OF PROJECT
NOT TO SCALE



DEPTH TRANSITION - BUTT JOINT DETAIL
AT BRIDGE DECKS
NOT TO SCALE

*210'± EB & WB AT RTE 161 AND EB AT RR BRIDGE
245'± WB AT RR BRIDGE

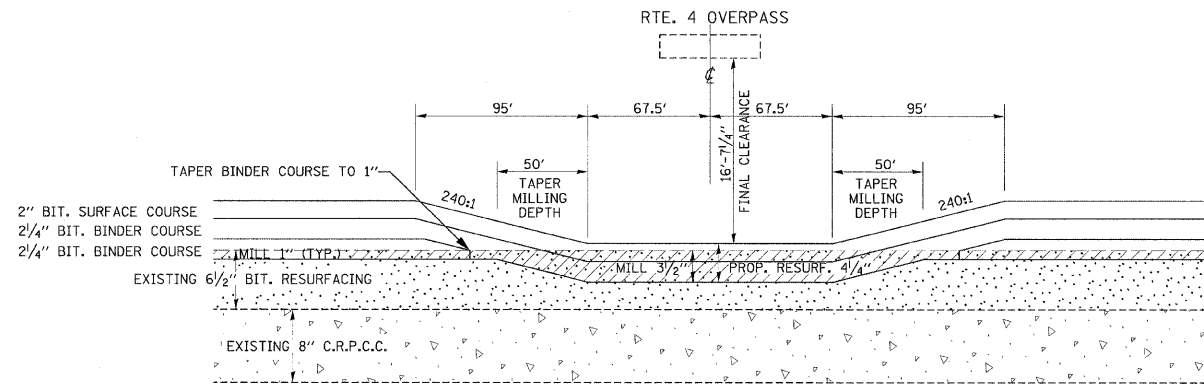
**PAY LIMITS FOR PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT



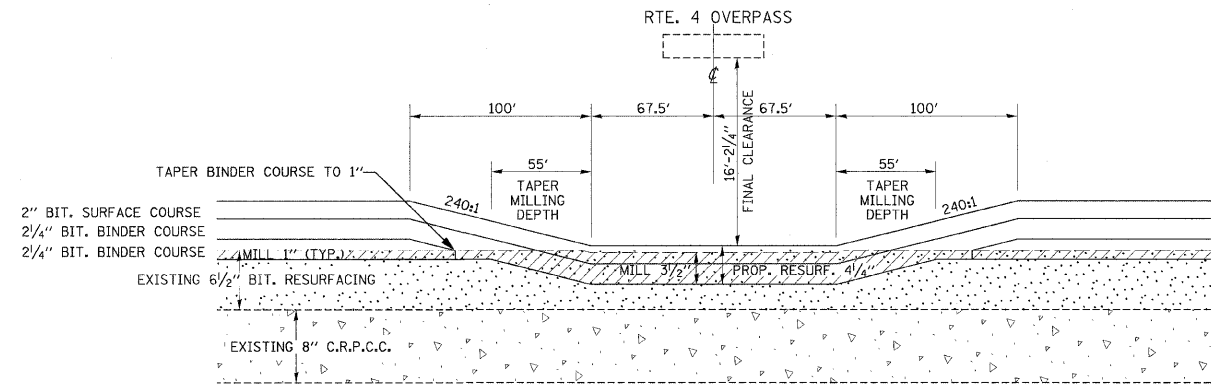
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AT PCC RAMPS
NOT TO SCALE

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 GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM

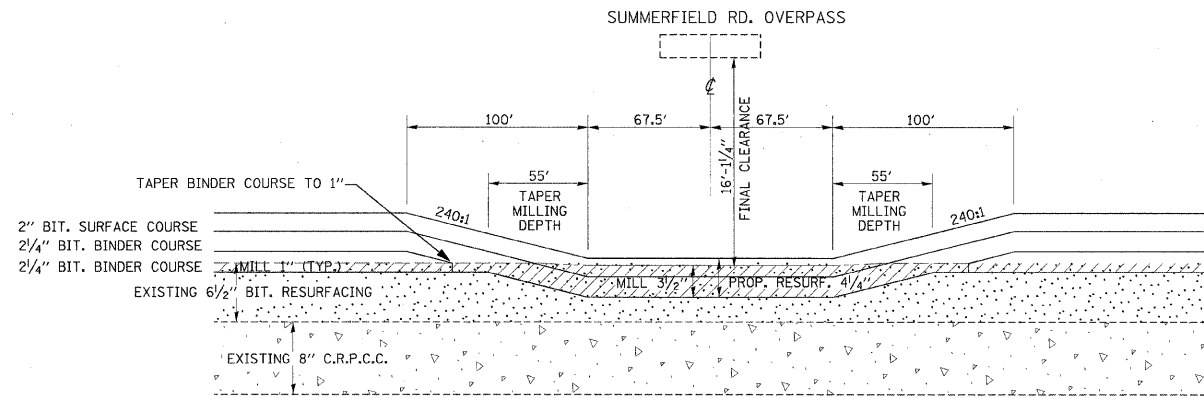
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PLOT SCALE = 50,0000 1/4 IN.	CHECKED - TJO	DRAWN - SCF	REVISED -		SCALE: NONE	SHEET NO. 1	OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 76855		
PLOT DATE = 12/18/2008	DATE - 12/12/08	CHECKED - TJO	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
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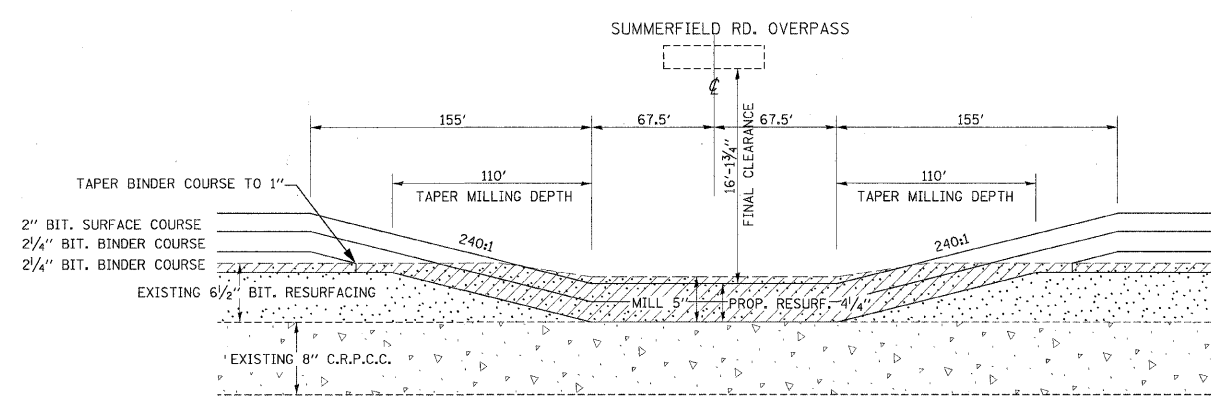
MILLING/RESURFACING DETAIL
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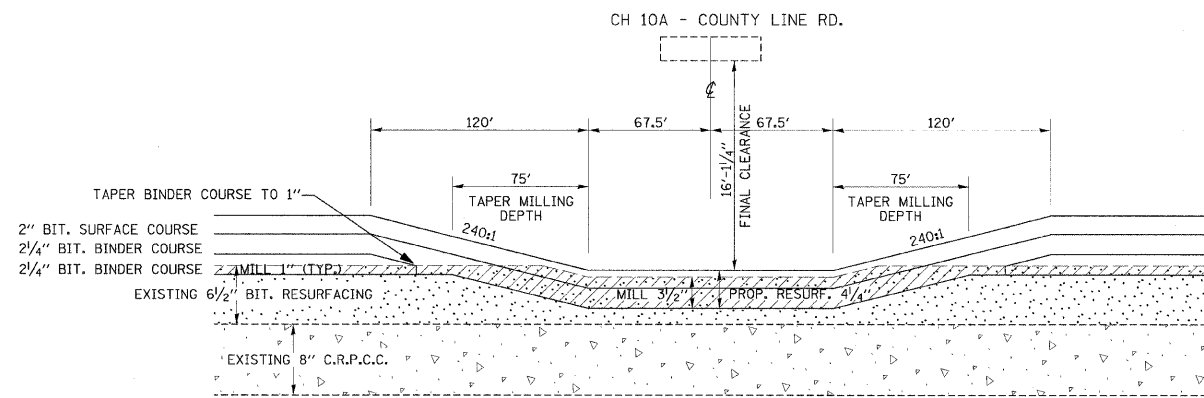
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AT RTE. 4 OVERPASS, EB
NOT TO SCALE



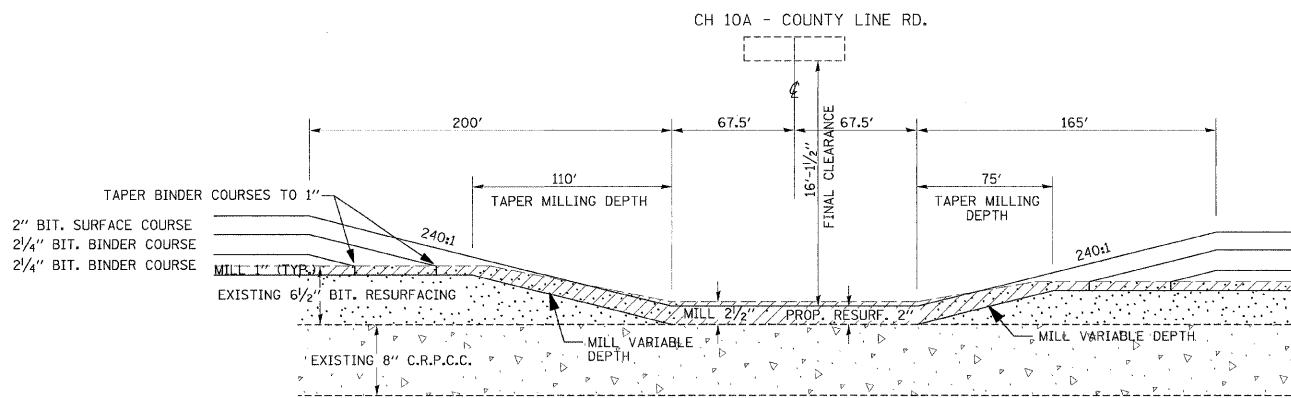
MILLING/RESURFACING DETAIL
AT CH 50 (Summerfield Rd.) OVERPASS, WB
NOT TO SCALE



MILLING/RESURFACING DETAIL
AT CH 50 (Summerfield Rd.) OVERPASS, EB
NOT TO SCALE



MILLING/RESURFACING DETAIL
AT CH 10A (County Line Rd) OVERPASS, WB
NOT TO SCALE



MILLING/RESURFACING DETAIL
AT CH 10A (County Line Rd) OVERPASS, EB
NOT TO SCALE

NOTE:
CONTRACTOR SHALL CONFIRM
BRIDGE CLEARANCES PRIOR
TO BEGINNING RESURFACING
MINIMUM CLEARANCE 16'-0"

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		CHECKED - TJO	REVISED -
		DATE - 12/12/08	REVISED -

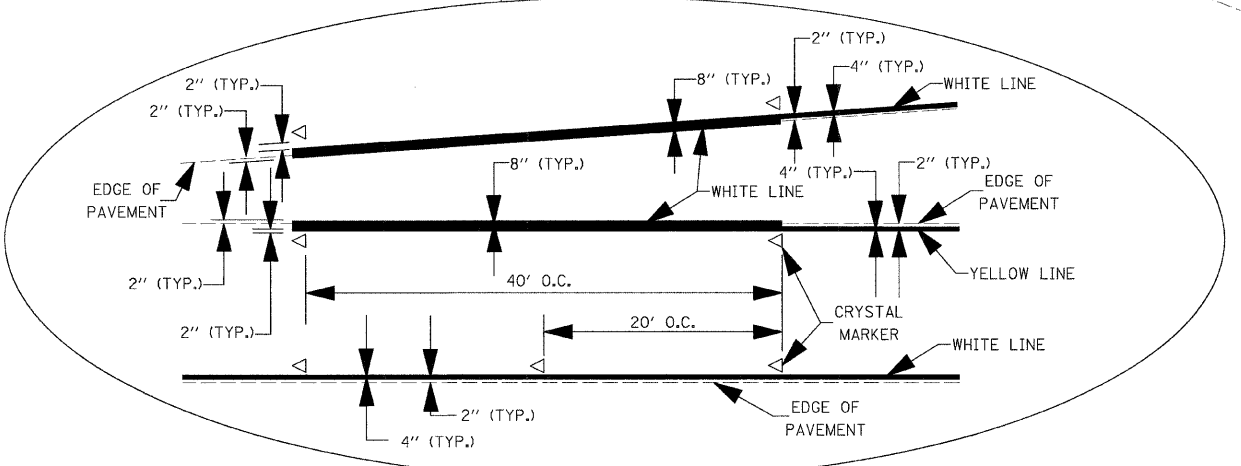
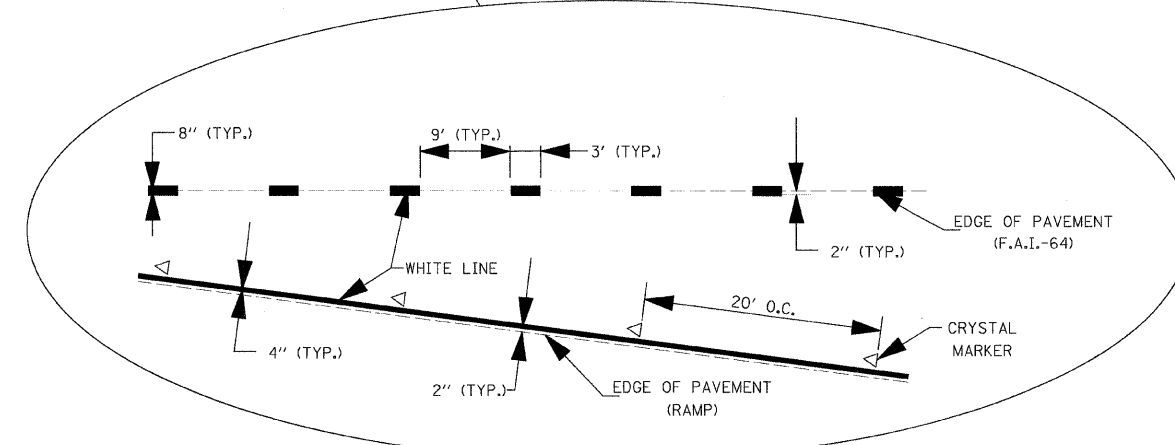
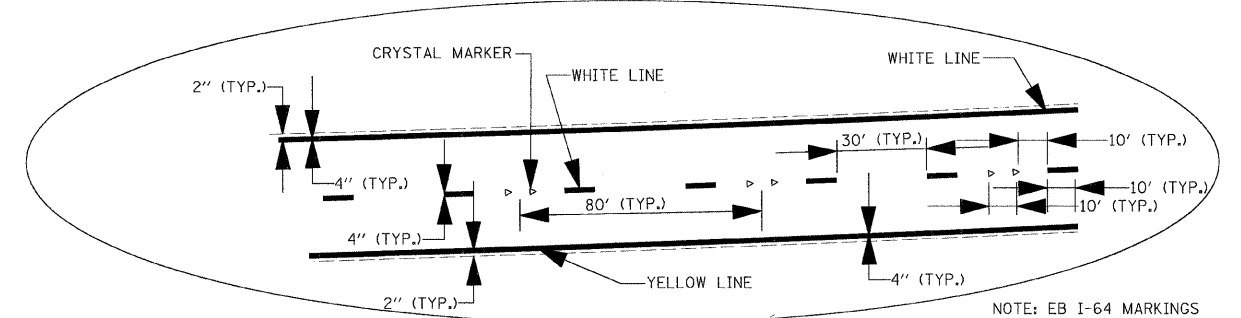
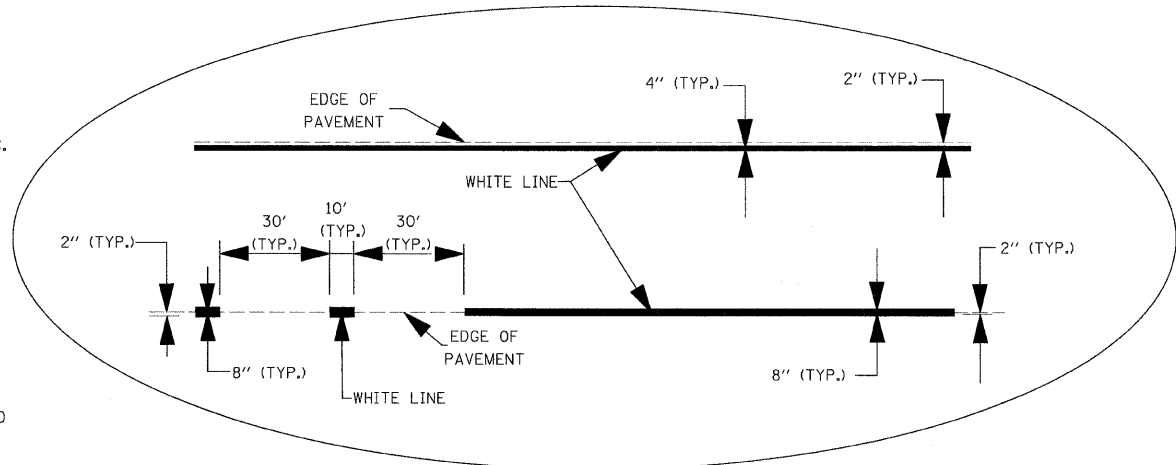
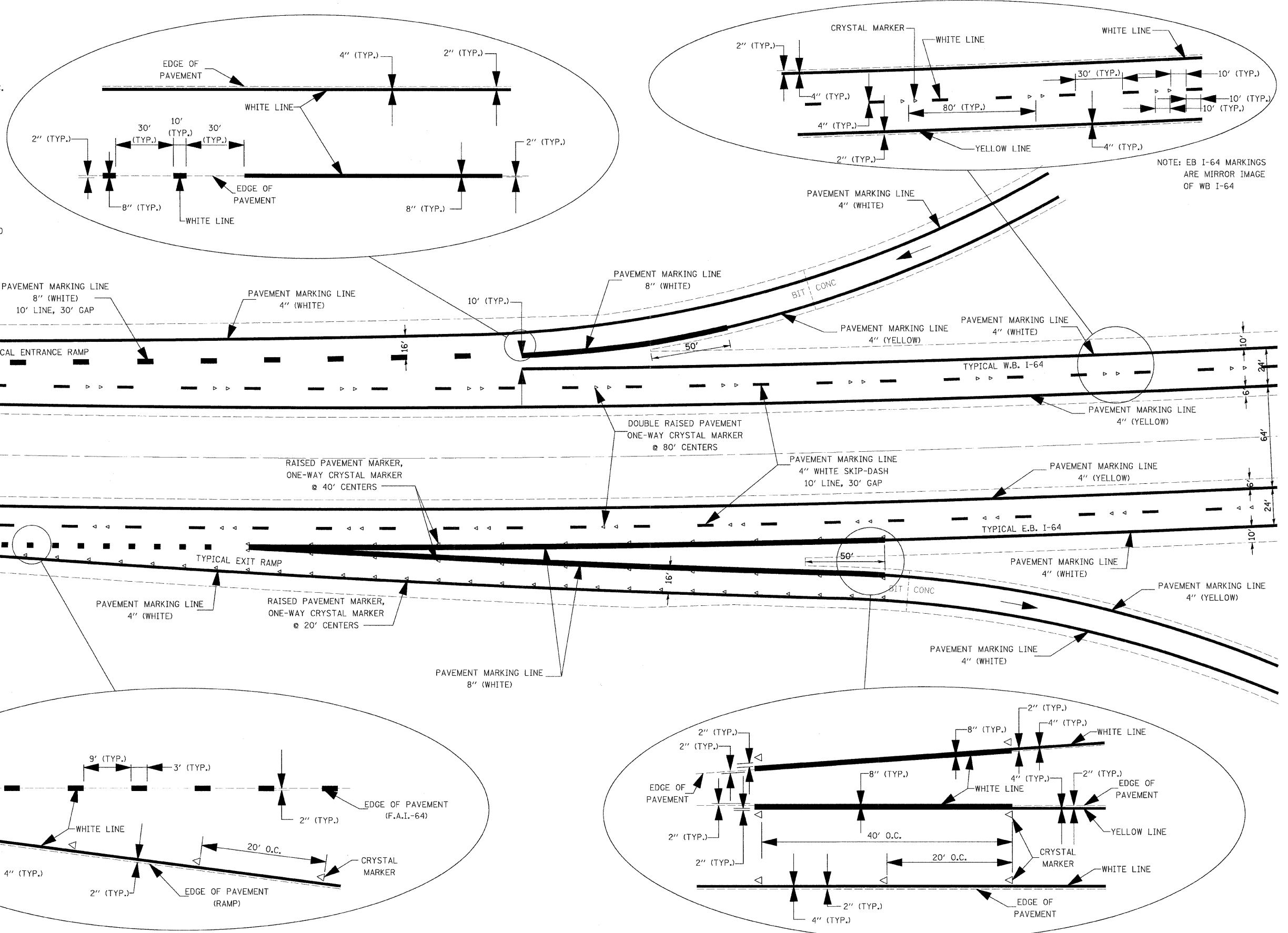
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING DETAILS

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-18,9,10RS-3	ST. CLAIR-CLINTON	78	52
CONTRACT NO. 76855				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

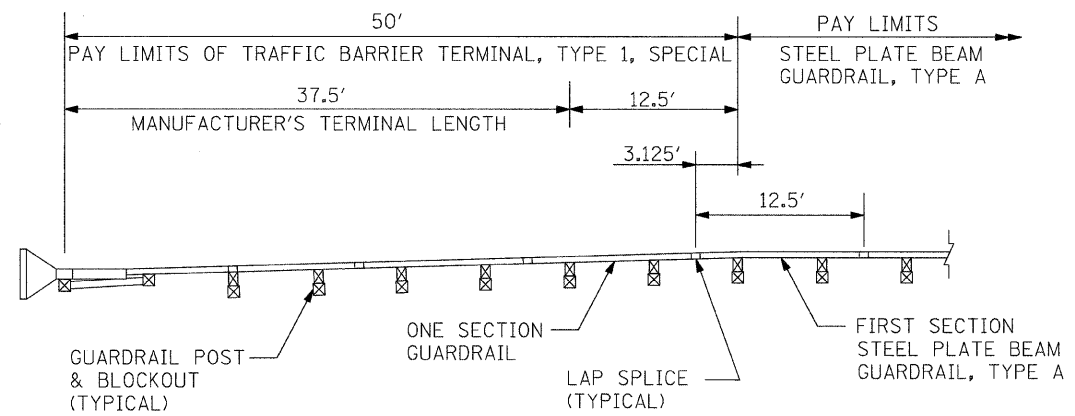
- NOTES:
1. ALL SKIP DASH PAVEMENT MARKING SHALL BE INLAID TAPE. ALL OTHER PAVEMENT MARKING SHALL BE THERMOPLASTIC.
 2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE MONO-DIRECTIONAL, TYPE AS APPROVED BY I.D.O.T. AND POSITIONED SO THAT THE REFLECTIVE FACE IS TOWARD THE APPROACHING TRAFFIC.
 3. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 4. REFER TO HIGHWAY STANDARDS 780001 AND 781001 FOR ADDITIONAL DETAILS.



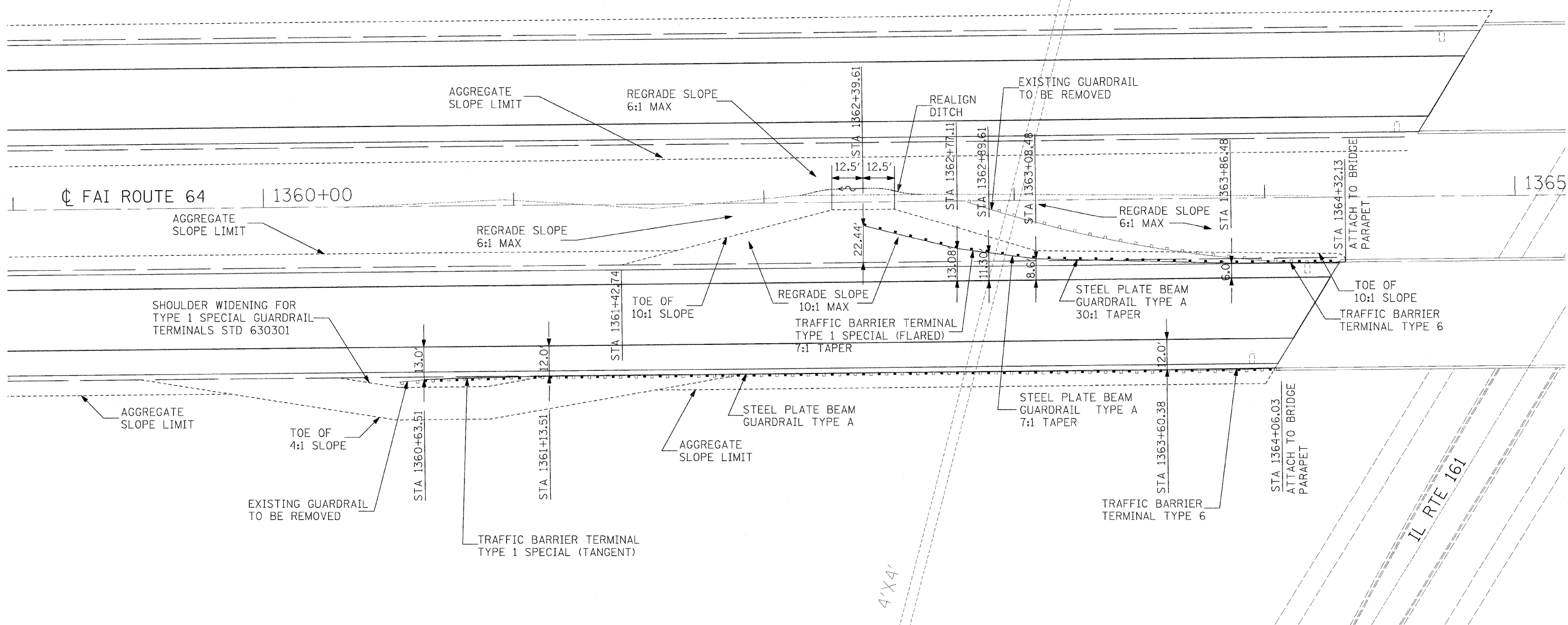
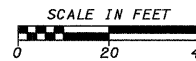
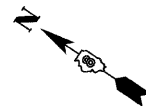
NOTE: EB I-64 MARKINGS ARE MIRROR IMAGE OF WB I-64

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PLOT DATE = 12/10/2008	DATE = 12/12/08	REVISIONS			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM												

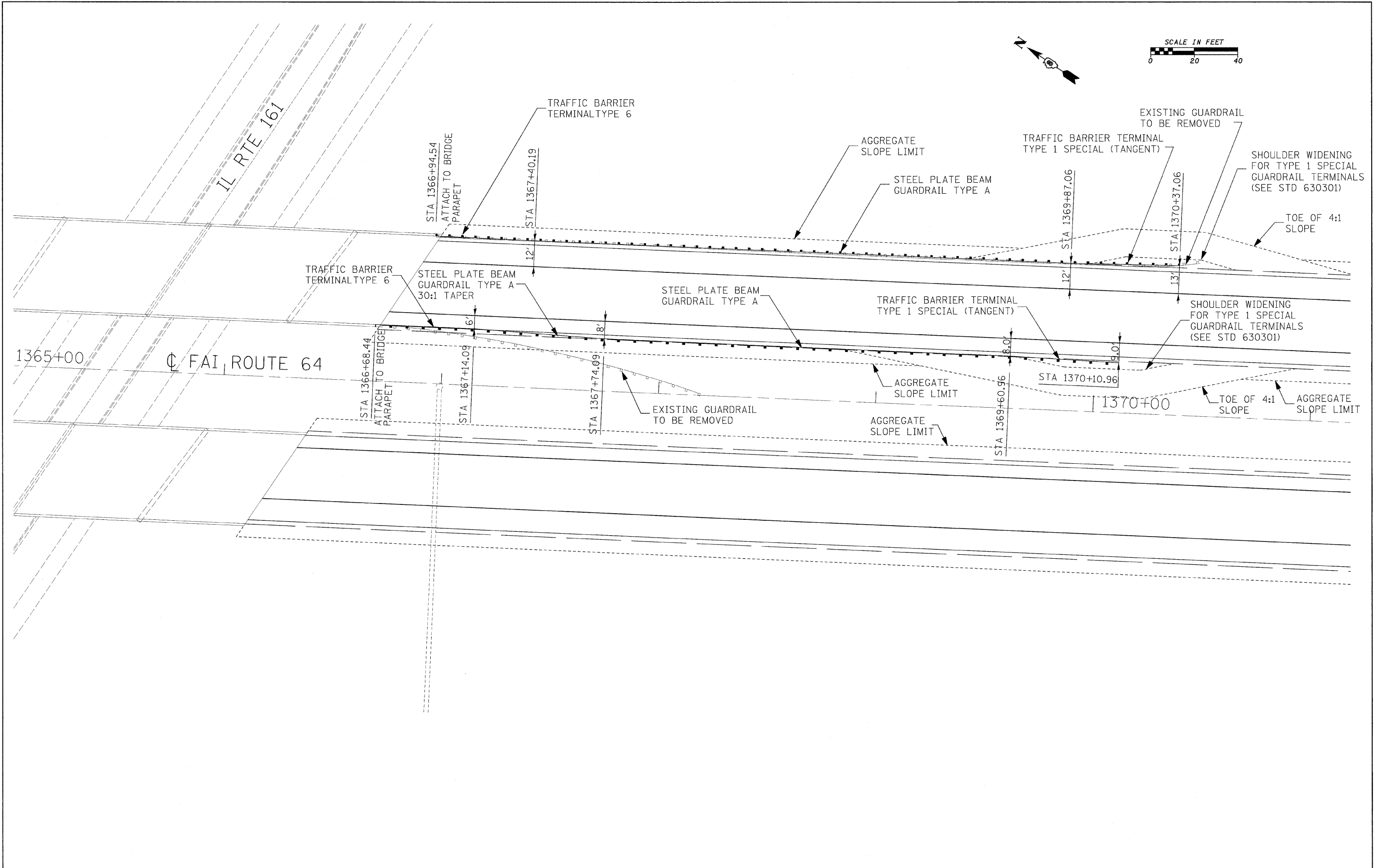


GUARDRAIL PAY LIMITS DETAIL



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	PLOT DATE = 1/29/2009	CHECKED - TJQ	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE = 12/12/08	REVISED -									



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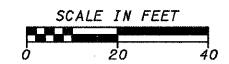
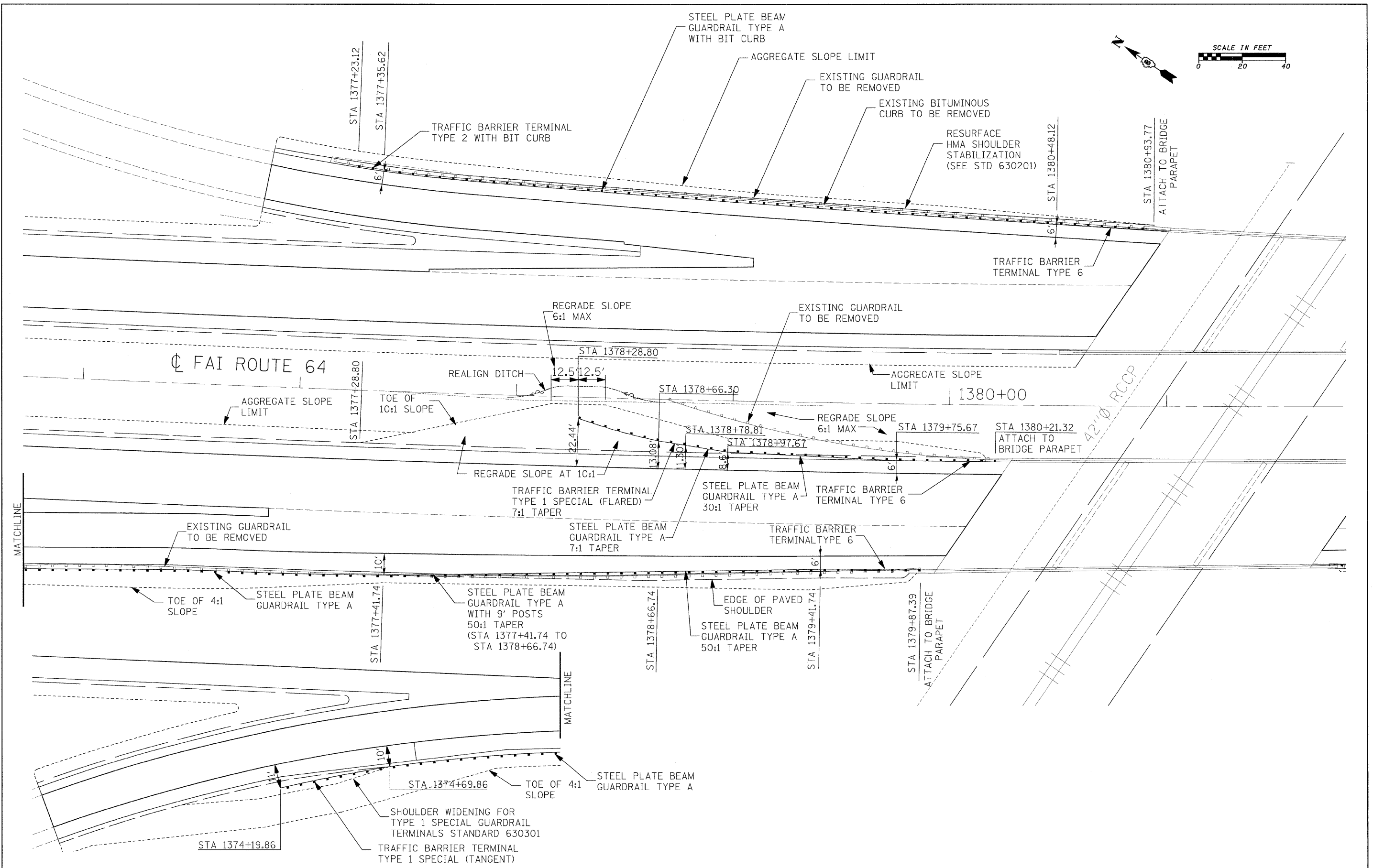
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PLOT DATE = 12/12/2008	DATE - 12/12/08	REVISED - -	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

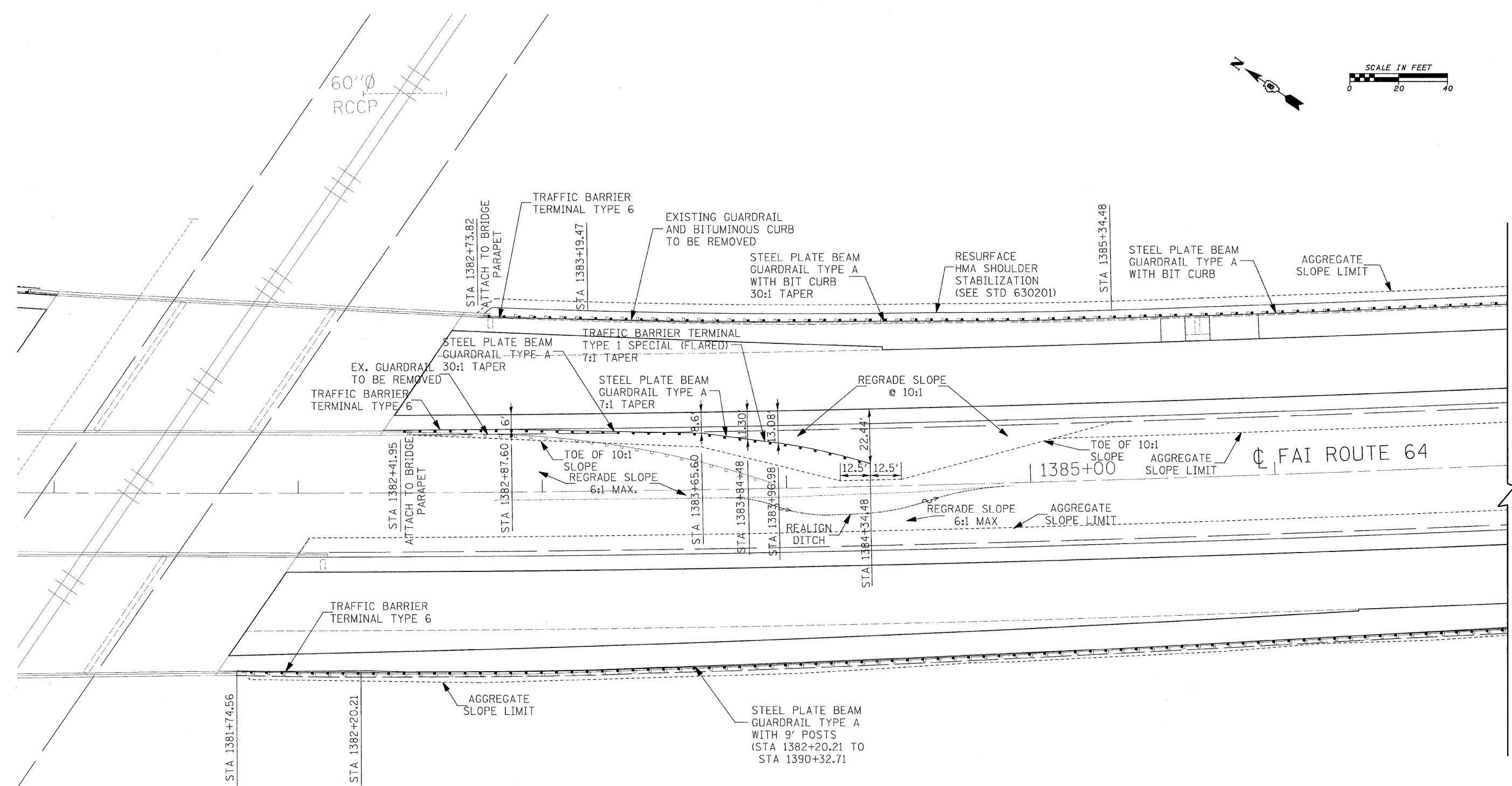
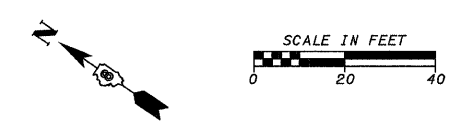
GUARDRAIL DETAILS			
SCALE: 1"=20'	SHEET NO. 2 OF 6 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	

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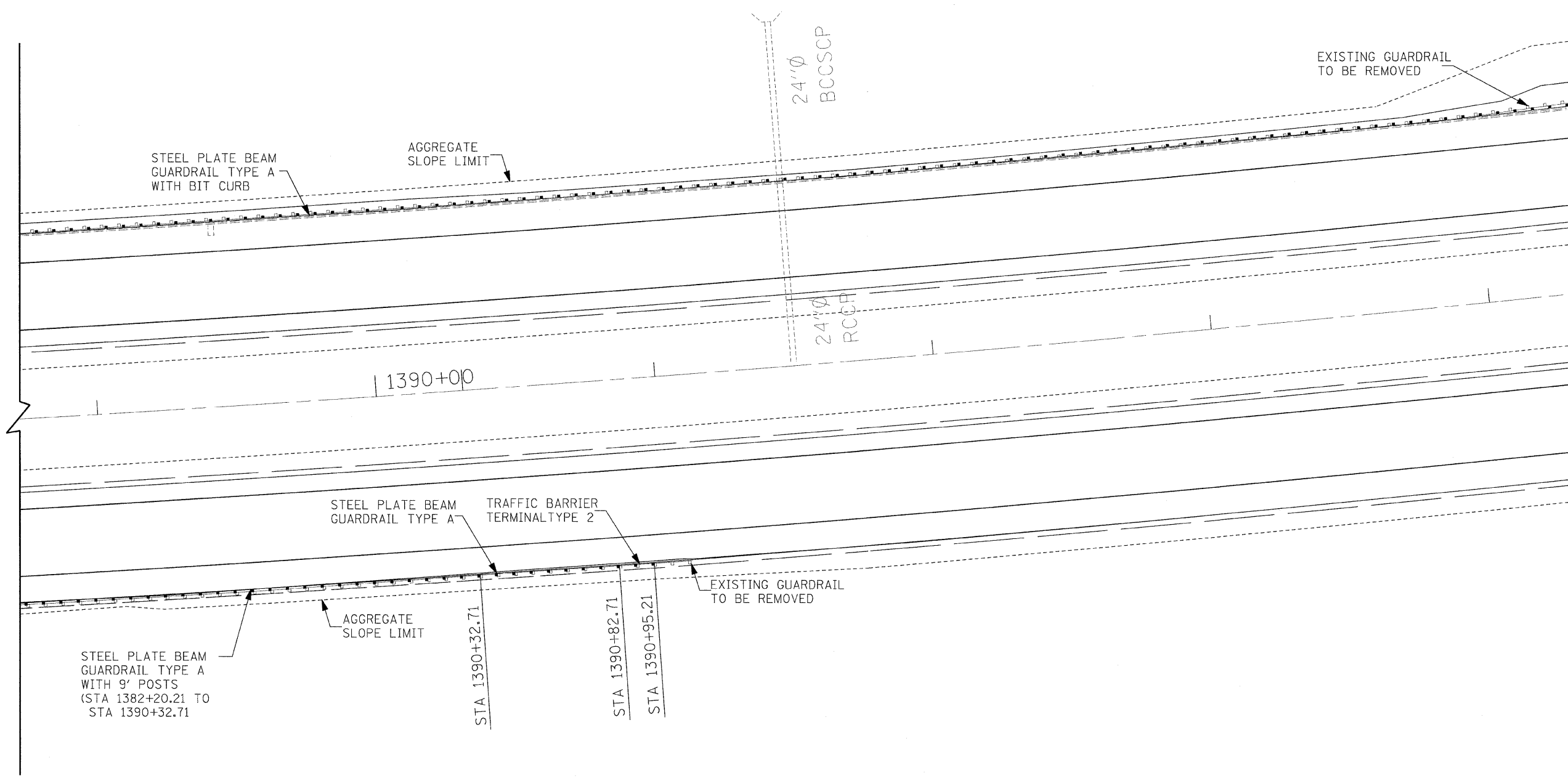
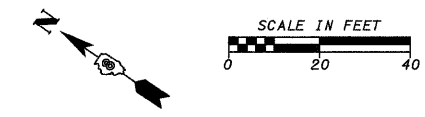


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	PLOT DATE = 1/29/2009	DATE = 12/12/08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
	GONZALEZ COMPANIES, LLC 618-222-2221 WWW.GONZALEZCOS.COM										



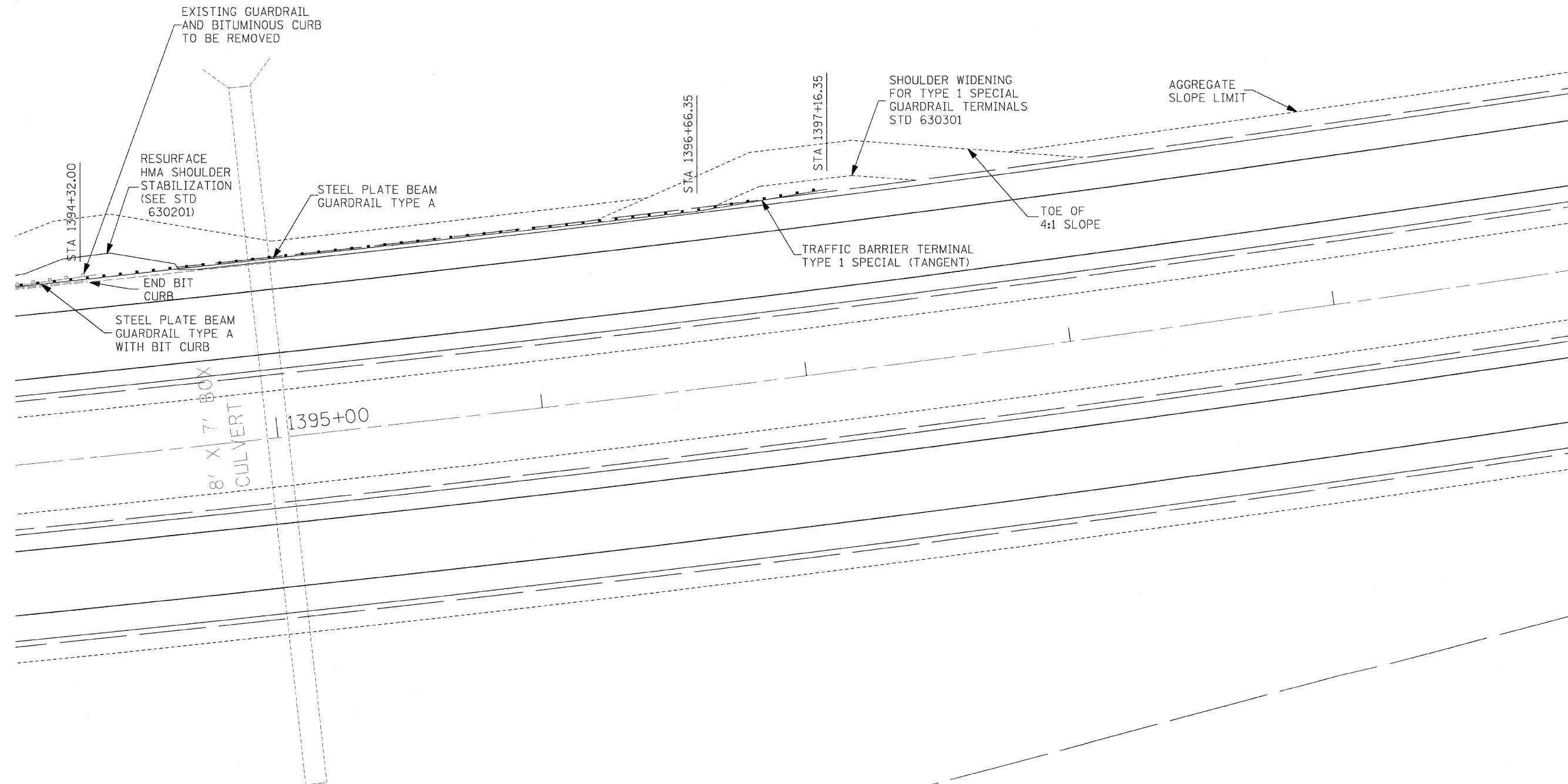
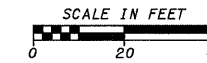
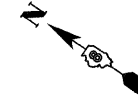
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PLOT DATE = 1/29/2009	DATE = 12/12/08	REVISED -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



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	PLOT DATE = 1/29/2009	CHECKED - TJQ	REVISED -			CONTRACT NO. 76855					
DATE = 12/12/08				SCALE: 1"=20'		SHEET NO. 5 OF 6 SHEETS		STA. TO STA.		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



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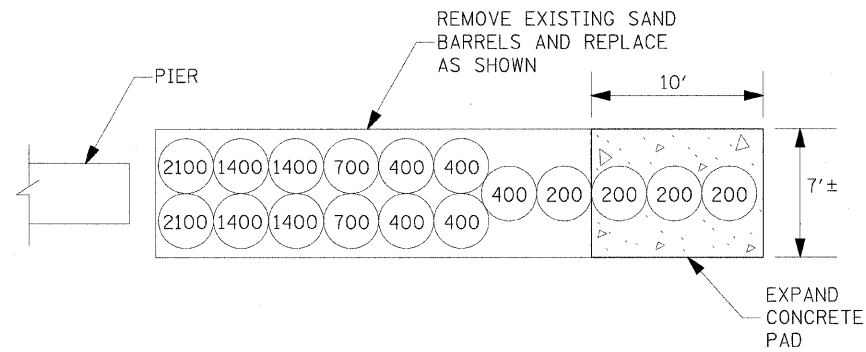
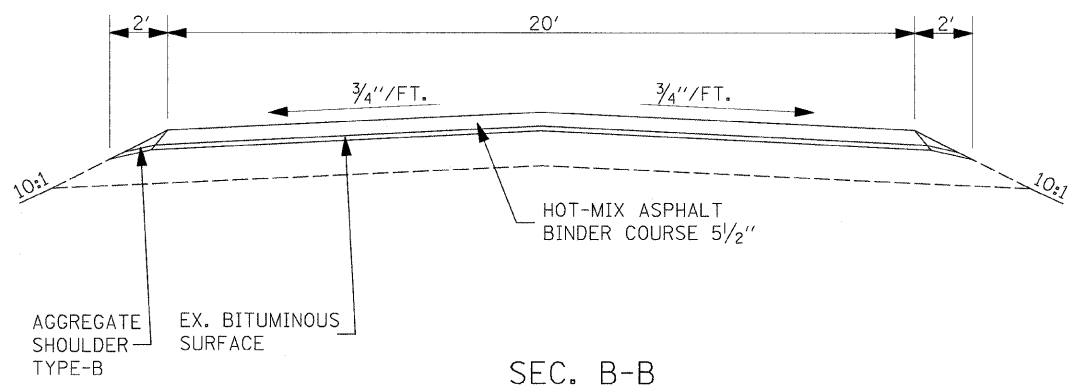
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		DATE - 12/12/08	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: 1"=20' SHEET NO. 6 OF 6 SHEETS STA. TO STA.

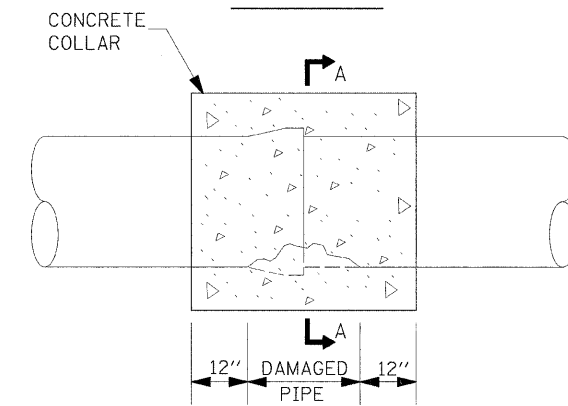
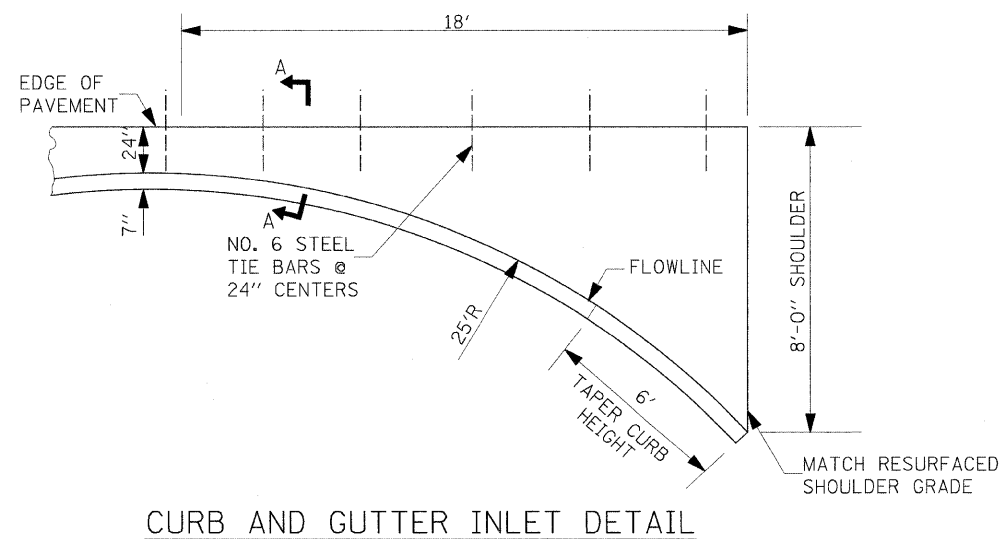
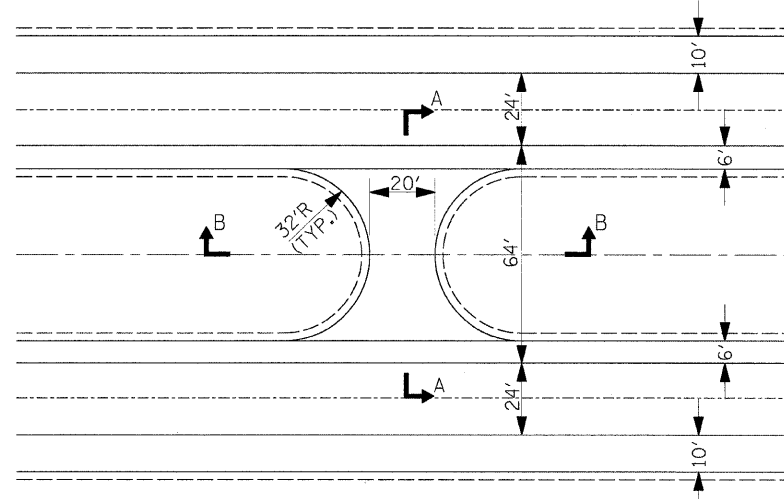
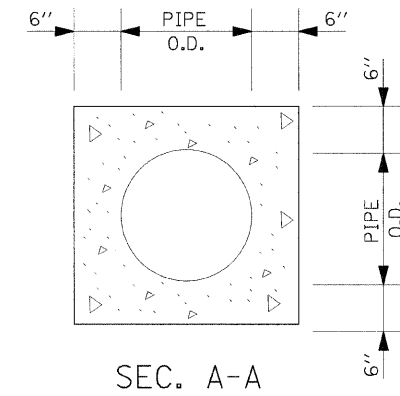
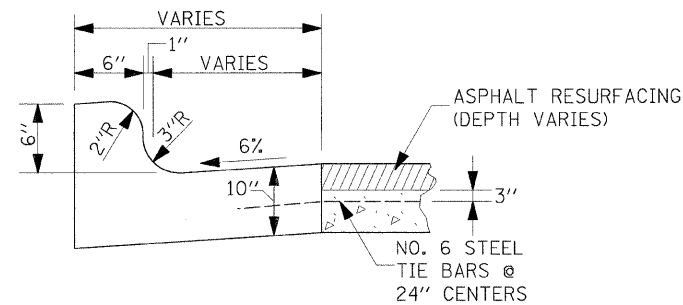
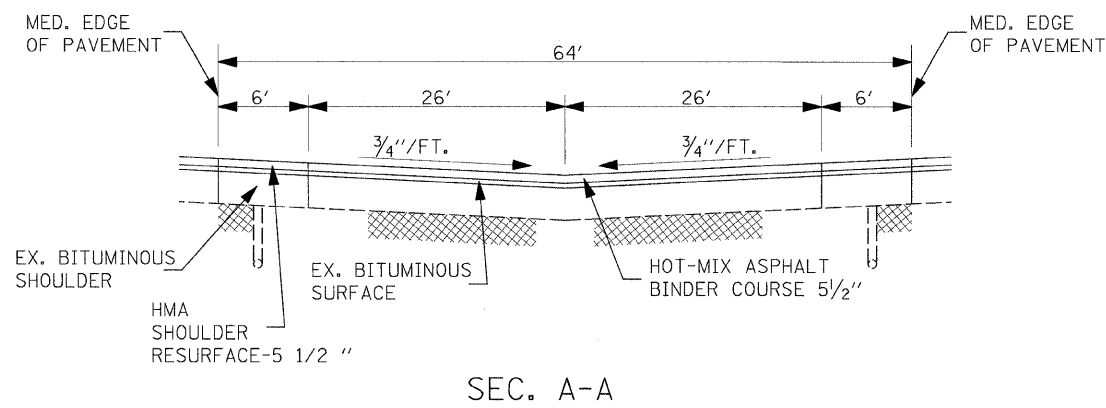
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76855	



IMPACT ATTENUATOR (NON-REDIRECTIVE)
AT COUNTY HIGHWAY 10A MEDIAN BRIDGE PIER

NOTES:

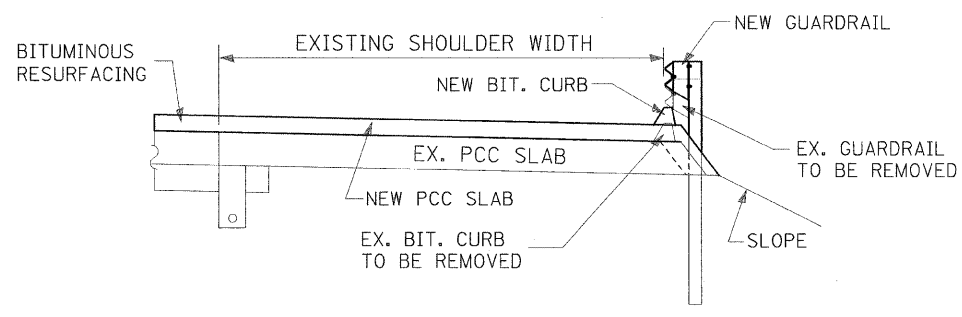
1. THE REMOVAL OF THE EXISTING IMPACT ATTENUATOR SHALL CONSIST OF COMPLETELY REMOVING ALL EXISTING BARRELS, SAND AND DEBRIS FROM THE CONCRETE PAD. DISPOSAL OF MATERIAL SHALL BE DONE IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. PAYMENT SHALL BE AT THE CONTACT UNIT PRICE PER EACH FOR IMPACT ATTENUATOR REMOVAL.
2. EXPANSION OF THE CONCRETE PAD SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR ATTENUATOR BASE.
3. INSTALLATION OF NEW IMPACT ATTENUATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATOR, (NON-REDIRECTIVE), TEST LEVEL 3.



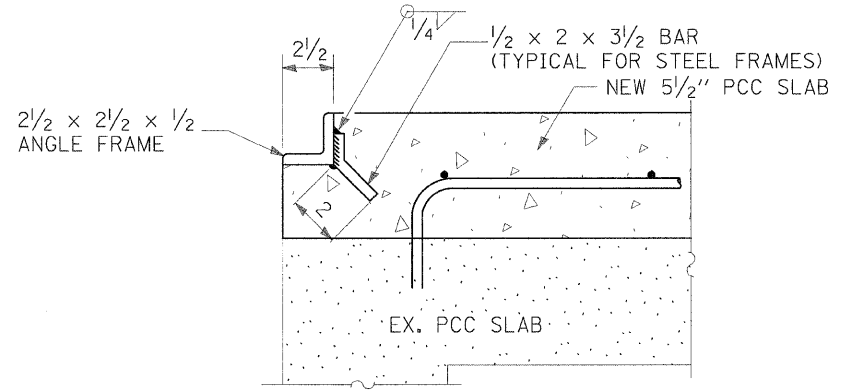
NOTE:
THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PIPE COLLAR DETAIL

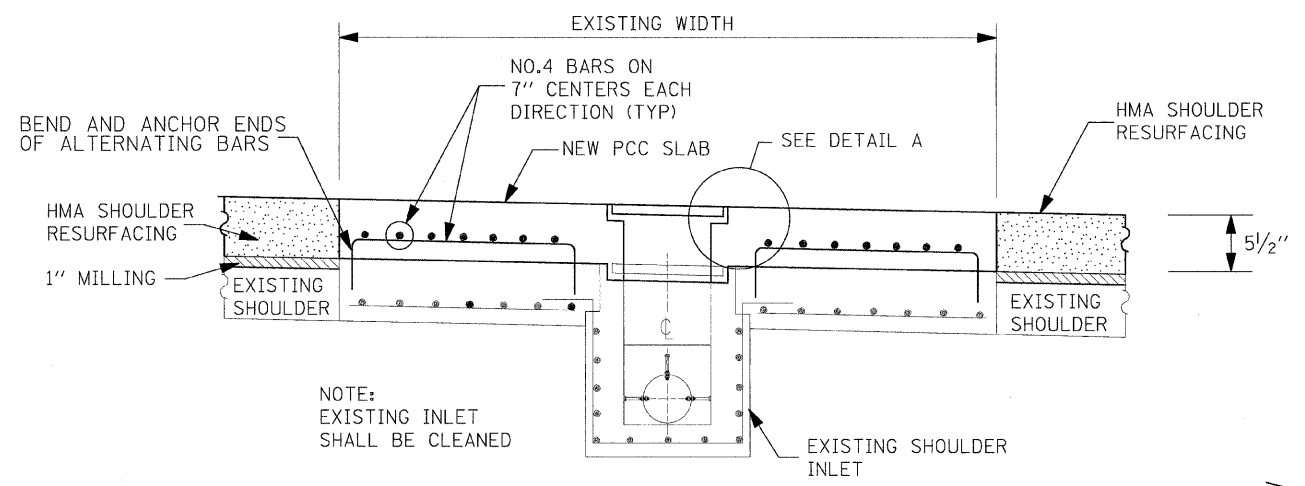
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PLOT SCALE = 2.774133' / IN.	CHECKED - TJQ	DRAWN - SCF	REVISED -		SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 76855				
PLOT DATE = 12/18/2008	DATE - 12/12/08	CHECKED - TJQ	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 12/12/08	REVISED -									



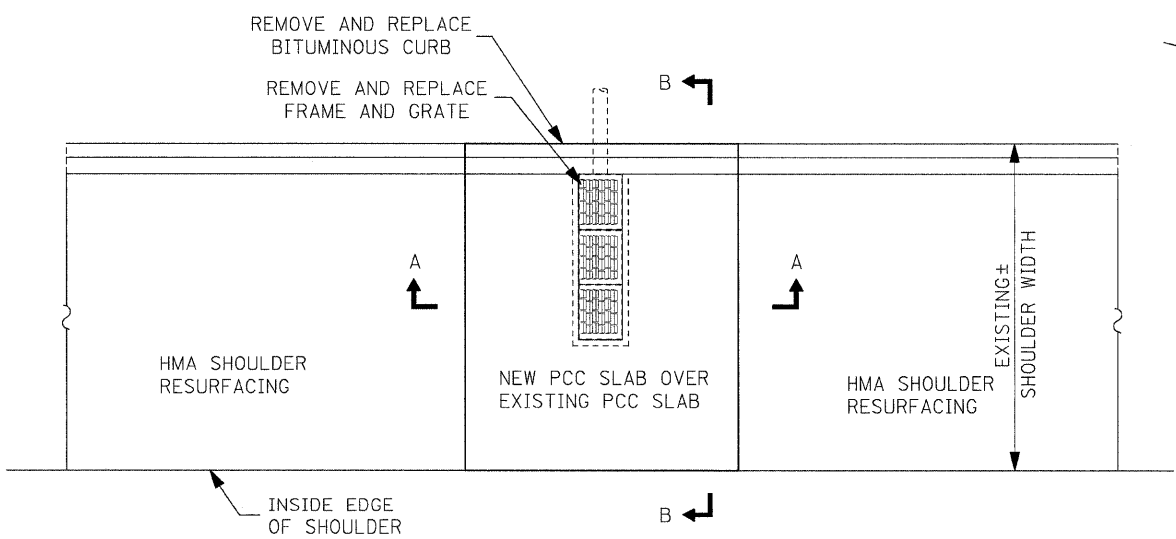
SECTION B-B



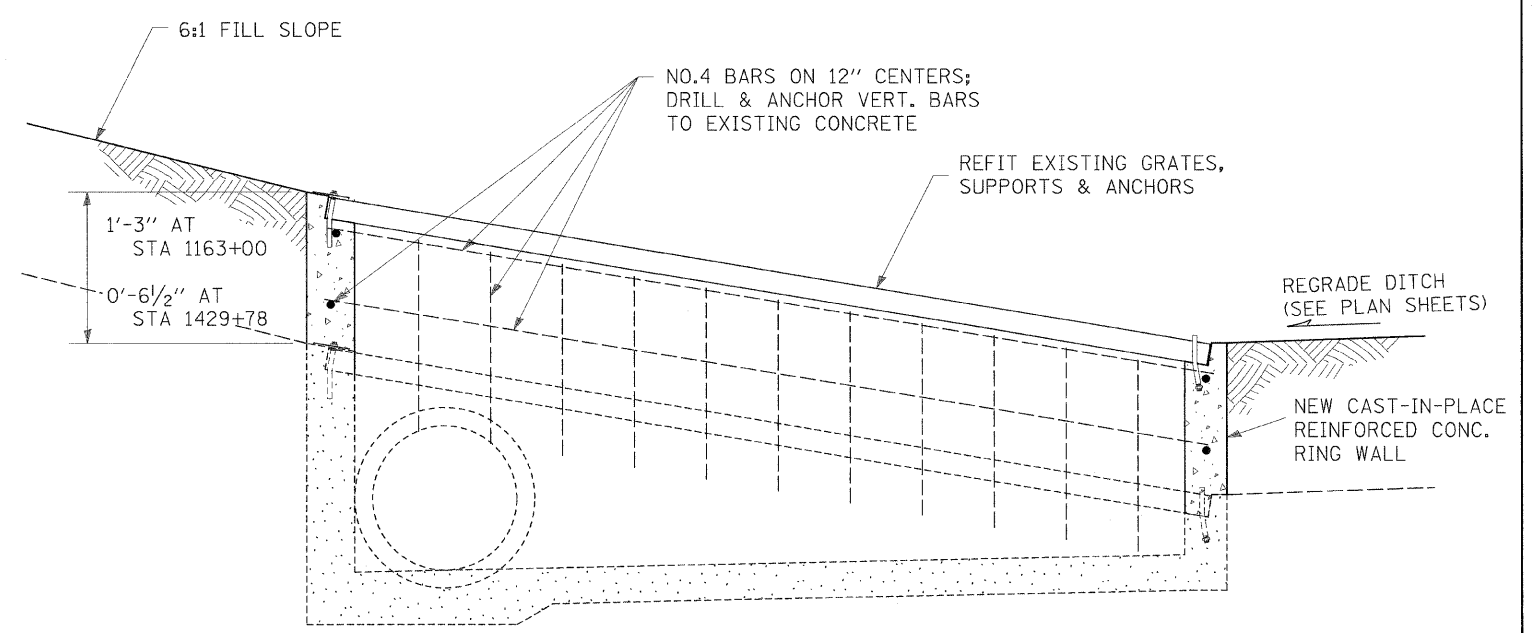
DETAIL A



SEC. A-A



PLAN



LONGITUDINAL SECTION

MEDIAN INLET, SPECIAL ADJUSTMENT DETAIL
STA 1163+00 AND STA 1429+78

INLET ADJUSTMENT DETAIL
STA. 1385+68.09, 58.31'(LT.) (WB OUTSIDE SHOULDER)

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PLOT SCALE = 2.774133' / IN.					CHECKED - TJQ	SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 76855		
PLOT DATE = 1/29/2009					DATE - 12/12/08	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

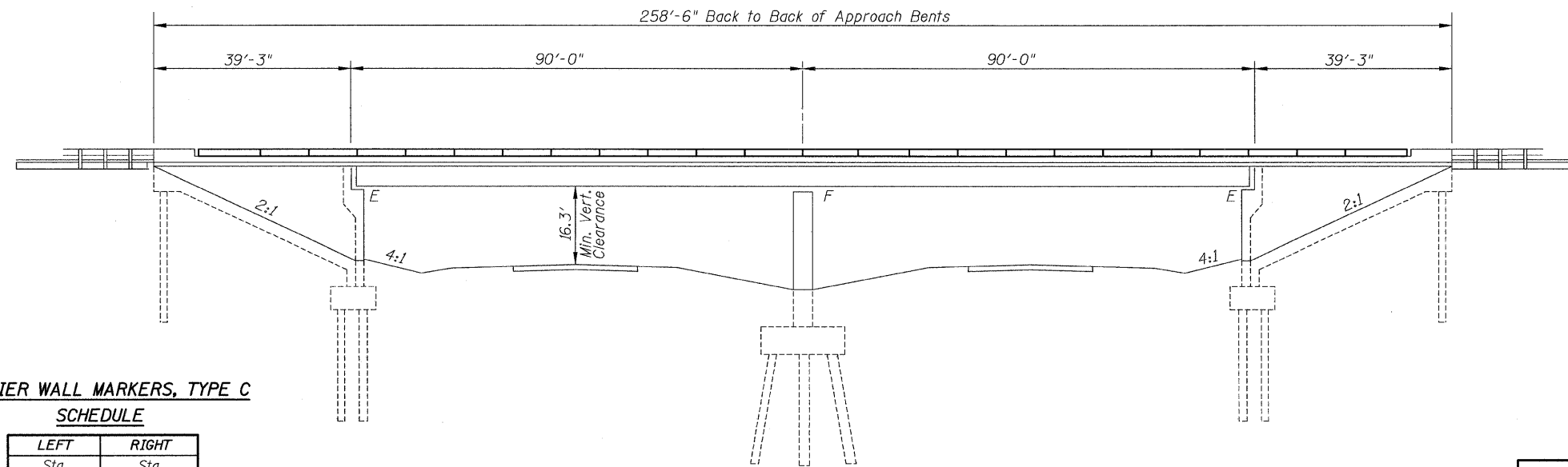
Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based at the unit price bid for the work.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on As-built Plans.



**BARRIER WALL MARKERS, TYPE C
SCHEDULE**

LEFT Sta.	RIGHT Sta.
48+82	48+66
49+45	49+29
50+08	49+92
50+71	50+55
51+34	51+18

INDEX OF SHEETS

Sheet No.	Description
1	General Plan & Elevation
2	Superstructure
3	Superstructure Cross Sections
4	Parapet Details
5	Abutment Repairs

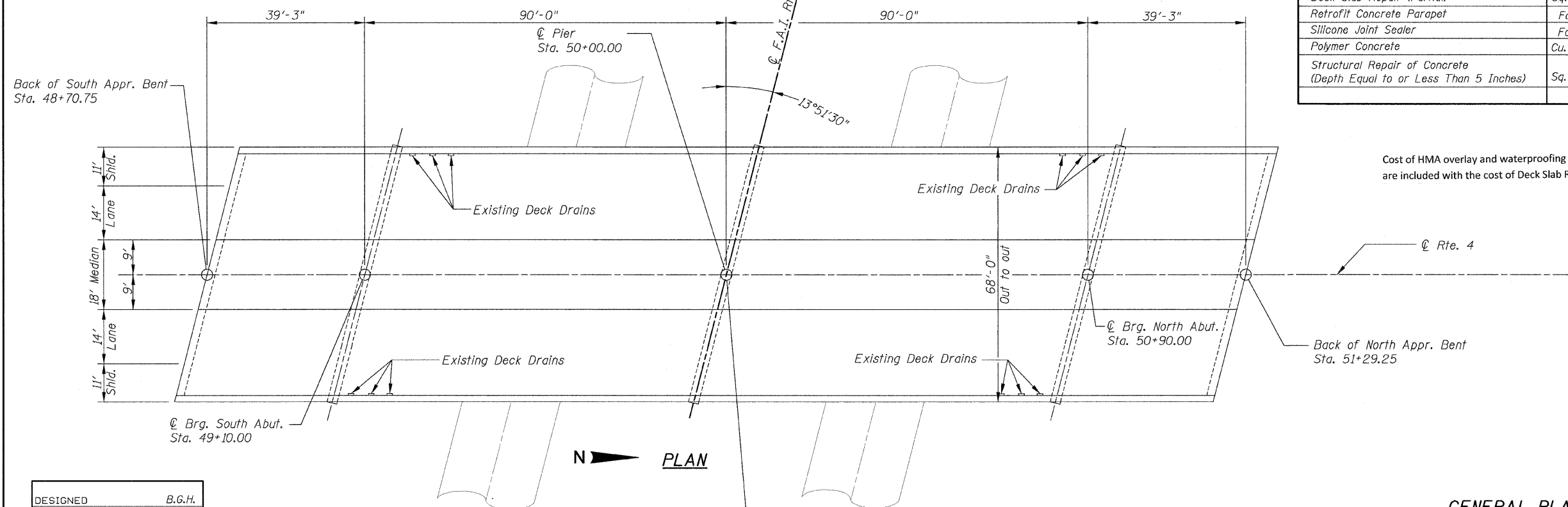
ELEVATION



Note:
See Sheet 2 of 5 for deck slab repair (partial) median details

TOTAL BILL OF MATERIAL

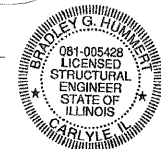
ITEM	UNIT	SUPER	SUB	TOTAL
Bridge Rail Removal	Foot	470	—	470
Floor Drain Extension	Each	12	—	12
Barrier Wall Markers, Type C	Each	10	—	10
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1	—	1
Deck Slab Repair (Partial)	Sq. Yd.	63	—	63
Retrofit Concrete Parapet	Foot	470	—	470
Silicone Joint Sealer	Foot	17	—	17
Polymer Concrete	Cu. Ft.	1.9	—	1.9
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	—	472	472



Cost of HMA overlay and waterproofing membrane system in areas to be patched are included with the cost of Deck Slab Repair.

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.M.M.
CHECKED	B.G.H.

Bradley G. Hummert Date: 12/9/08
Bradley G. Hummert
Licensed Structural Engineer
in Carlyle, Illinois
No. 081-005428 Expires 11/30/2010

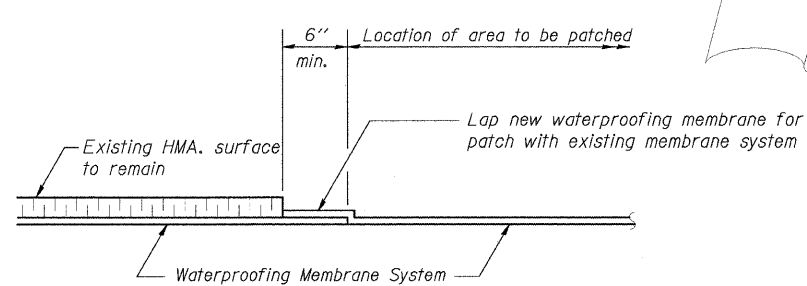
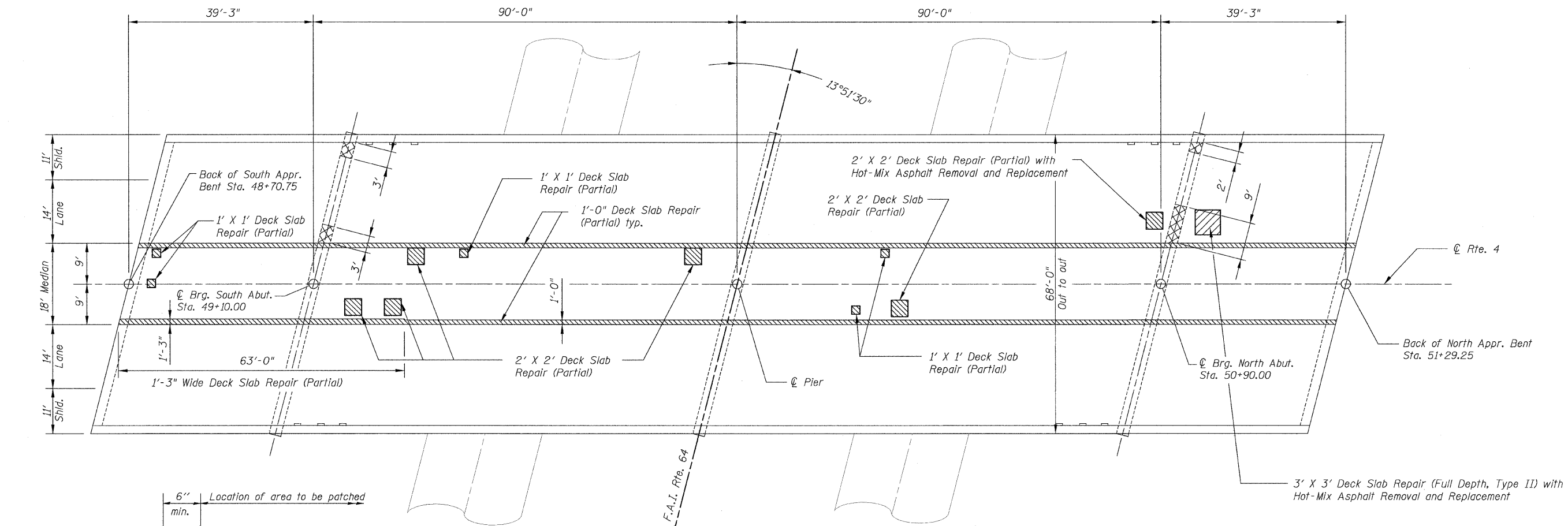


Structure
Sta. 50+00.00 ILL. Rte 4 =
Sta. 1125+86.08 F.A.I. Rte. 64

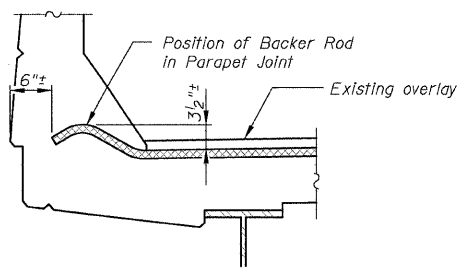
GENERAL PLAN & ELEVATION

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5 SHEETS	64	82-(8,9,10)RS-3	ST. CLAIR	78	62
S.N. 082-0190			CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

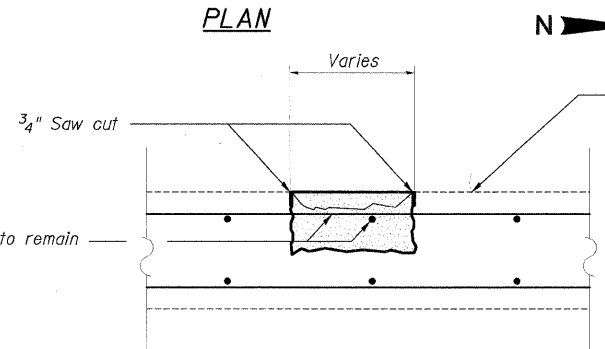
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



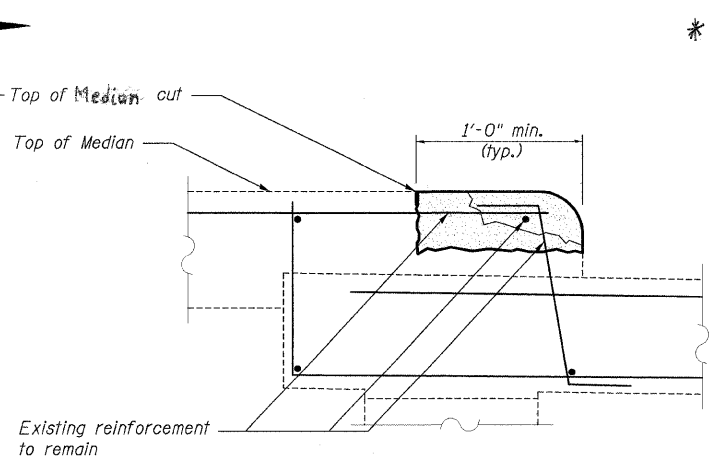
**WATERPROOFING TREATMENT
LAP DETAIL**



END OF JOINT DETAIL



**DECK SLAB REPAIR (PARTIAL)
MEDIAN DECK DETAIL**



**DECK SLAB REPAIR (PARTIAL)
MEDIAN CURB DETAIL**

- * Replace polymer concrete nosing and silicone joint sealer. See Detail B, Sheet 3 of 5.
- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth, Type II)

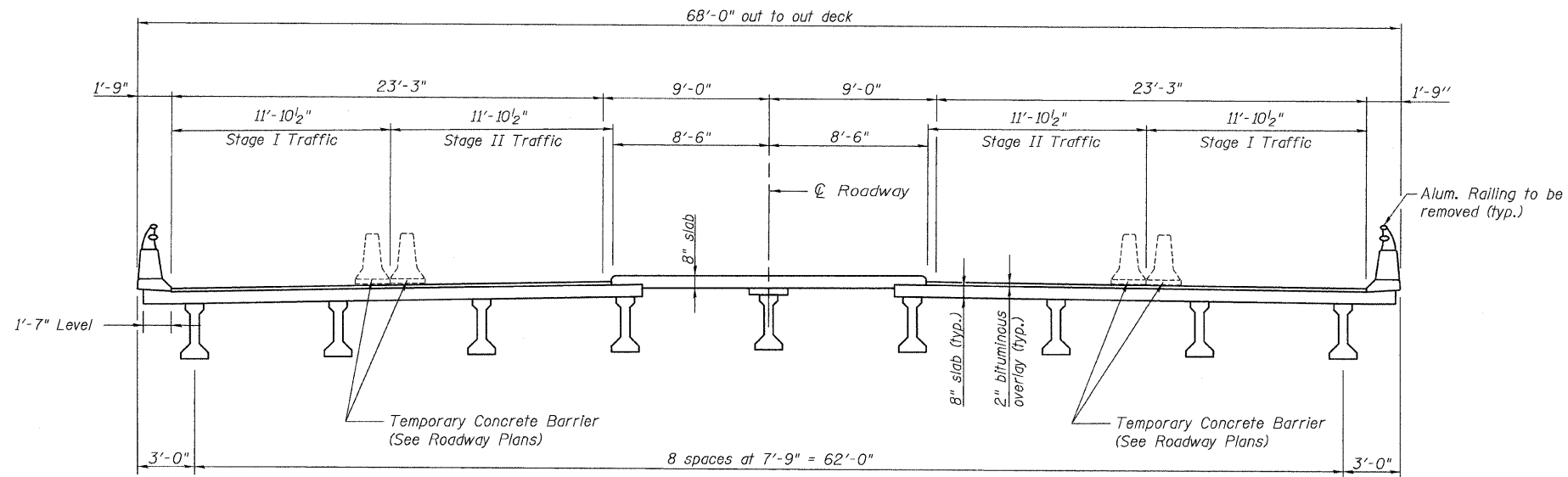
Cost of removal included with respective payitem.

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.M.M.
CHECKED	B.G.H.

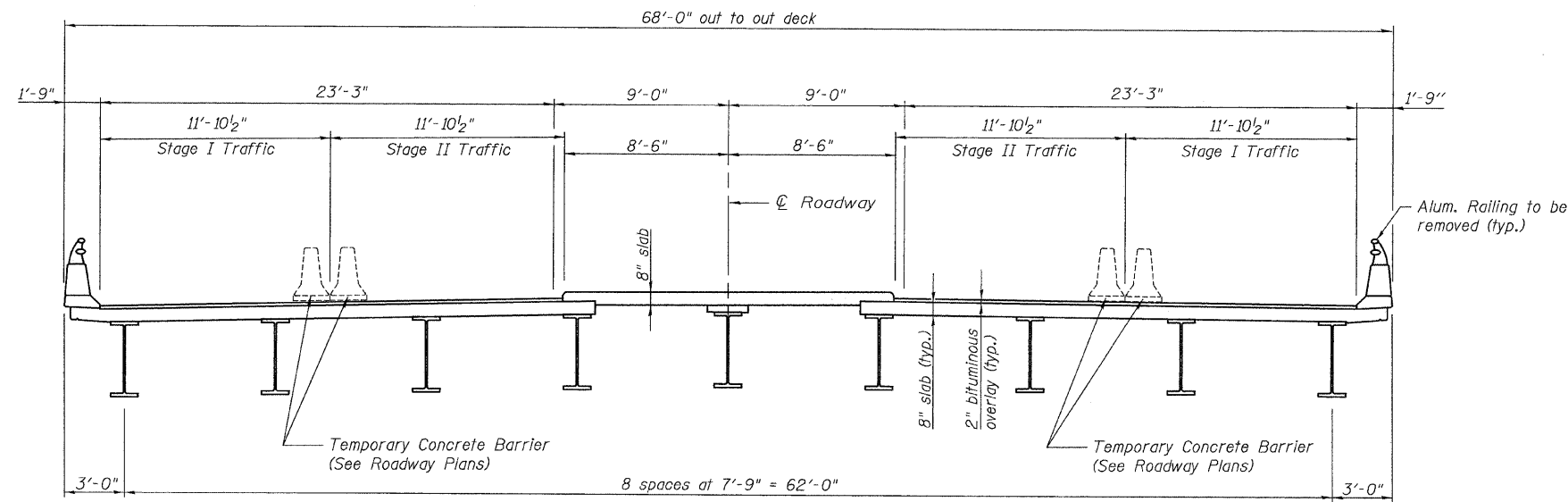
SHEET NO. 2		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5 SHEETS		64	82-(8,9,10)RS-3	ST. CLAIR	78	63
S.N. 082-0190			CONTRACT NO. 76855			
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						

SUPERSTRUCTURE

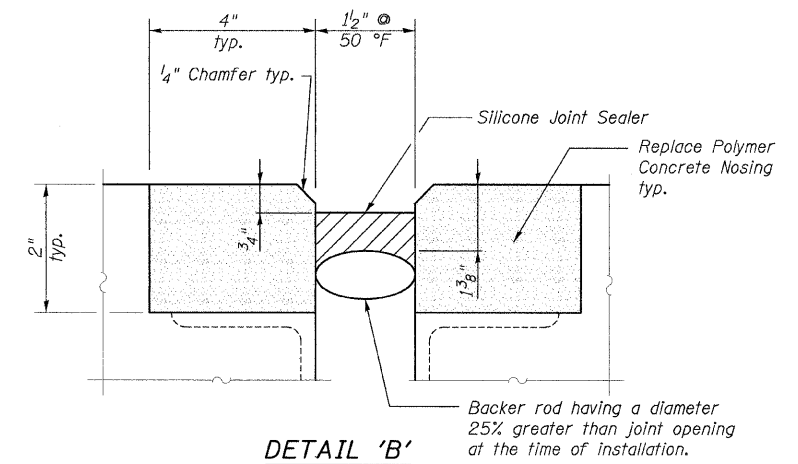
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



EXISTING CROSS SECTION - APPROACH SPANS



EXISTING CROSS SECTION - MAIN SPANS



BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	63
Silicone Joint Sealer	Foot	17
Polymer Concrete	Cu. Ft.	1.9

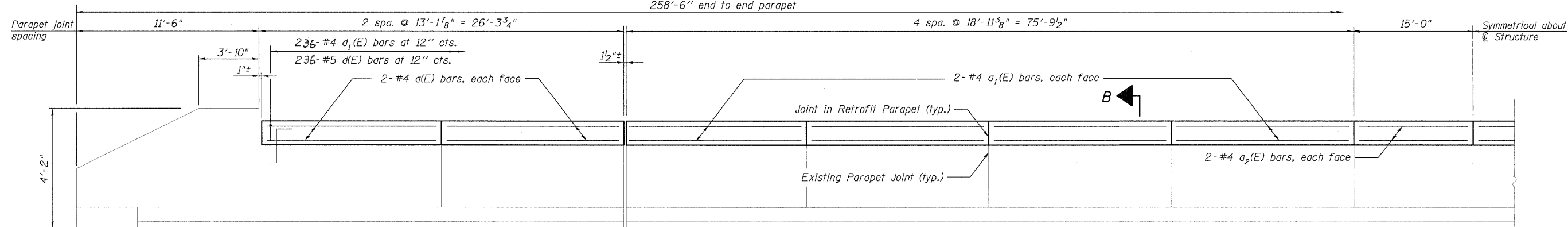
SUPERSTRUCTURE CROSS SECTIONS

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	64
5 SHEETS			S.N. 082-0190 CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.M.M.
CHECKED	B.G.H.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

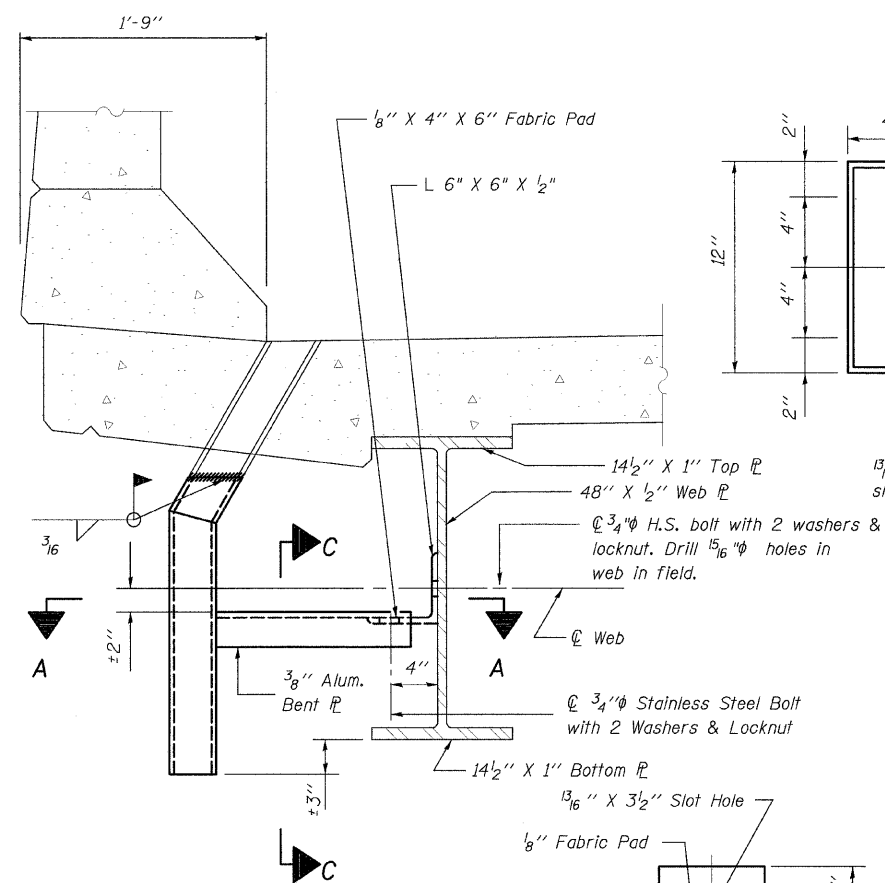
258'-6" end to end parapet



ELEVATION OF PARAPET

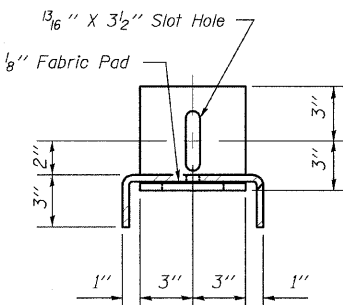
NOTES

Class SI concrete shall be used throughout for cast-in-place option. All exposed edges shall be chamfered $\frac{3}{4}$ ".
Class SI concrete; reinforcement bars, epoxy coated; threaded anchor rods; $\frac{1}{2}$ " P/JF and all other accessories needed for installation and erection shall be included in the cost of "Retrofit Concrete Parapet".
The contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the department. The contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.
The capsule or the adhesive cartridge shall be sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amount of adhesive chemical. The threaded rod stud with nut & washers shall conform to ASTM A307. The existing $\frac{3}{4}$ " and 1" welded studs shall be burned, sawed or chipped off flush with the top of the existing parapet.
Holes for the dowel rods shall miss existing parapet joints.
The concrete parapet retrofit will be measured for payment in foot (ft) along the top of parapet end to end. This work will be paid for at the contract unit price per foot (ft) of "Retrofit Concrete Parapet".
* Epoxy grout d(E) bars in 6" (min.) drilled holes according to Section 584 of the Standard Specifications.

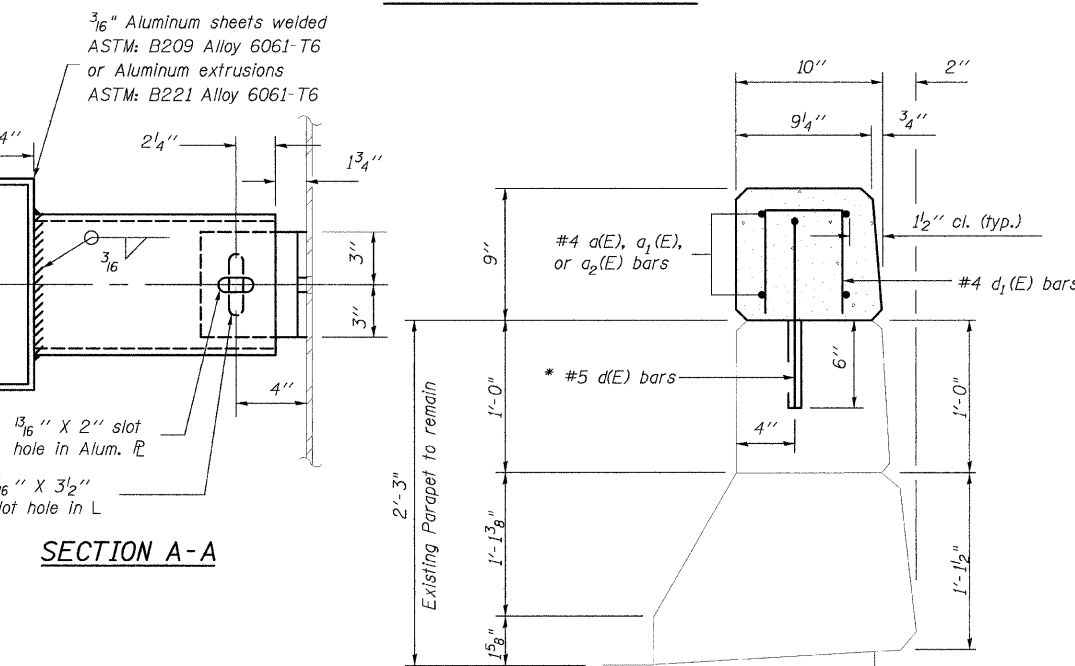


SECTION A-A

SECTION AT DRAIN



SECTION C-C



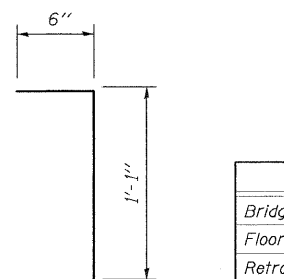
SECTION B-B

Non-staining gray one component non-sag elastomeric gun grade polyurethane sealant meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25. Use T with a $\frac{5}{8}$ " backer rod.

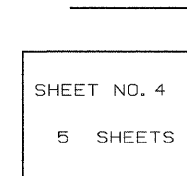
$\frac{1}{2}$ " Preformed Self-Expanding Cork Joint Filler according to Article 1051.07 of the Std. Spec. Cost included with Retrofit Concrete Parapet.

JOINT DETAIL

BAR d1(E)



BAR d(E)



REBAR LIST
(FOR INFORMATION ONLY)

Bar	No.	Size	Length	Shape	
d1(E)	32	#4	12'-10"	—	
a1(E)	64	#4	18'-8"	—	
a2(E)	16	#4	14'-9"	—	
d(E)	47 1/2	#5	1'-7"	└	
d1(E)	47 1/2	#4	1'-7"	└	
Reinforcement Bars, Epoxy Coated				Pound	2,510

BILL OF MATERIAL

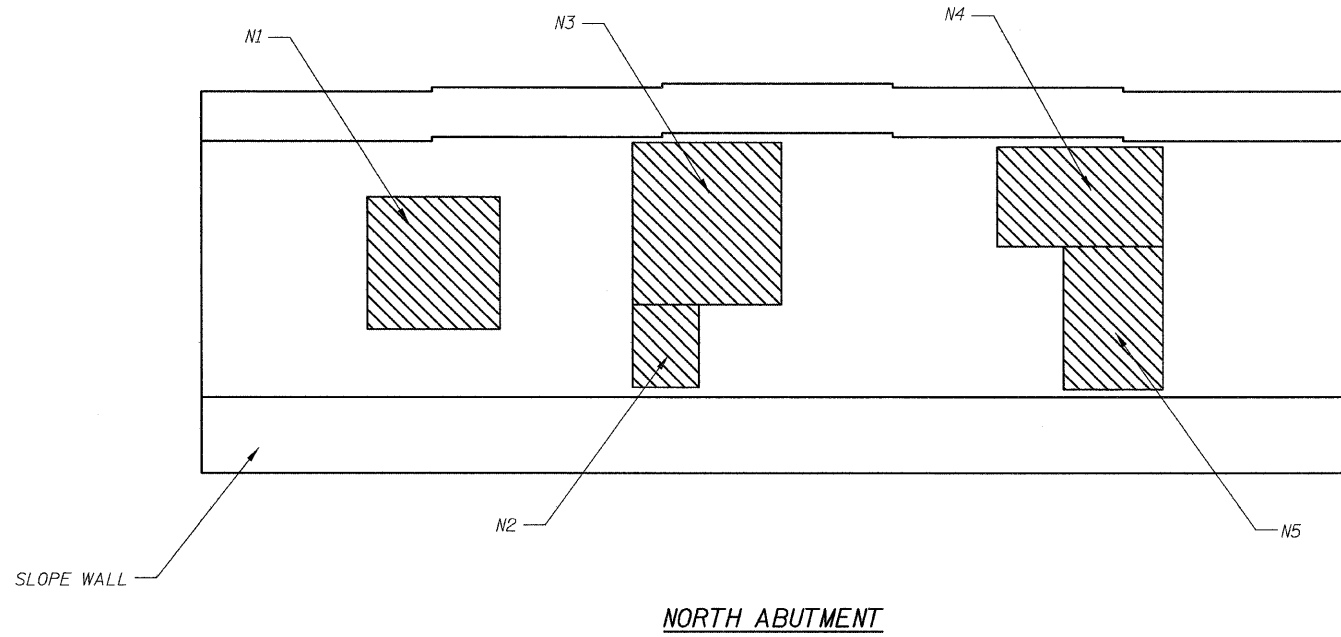
Item	Unit	Total
Bridge Rail Removal	Foot	470
Floor Drain Extensions	Each	12
Retrofit Concrete Parapet	Foot	470

PARAPET DETAILS

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4	64	82-(8,9,10)RS-3	ST. CLAIR	78	65
5 SHEETS			S.N. 082-0190		
FED. ROAD DIST. NO. _			ILLINOIS FED. AID PROJECT		
			CONTRACT NO. 76855		

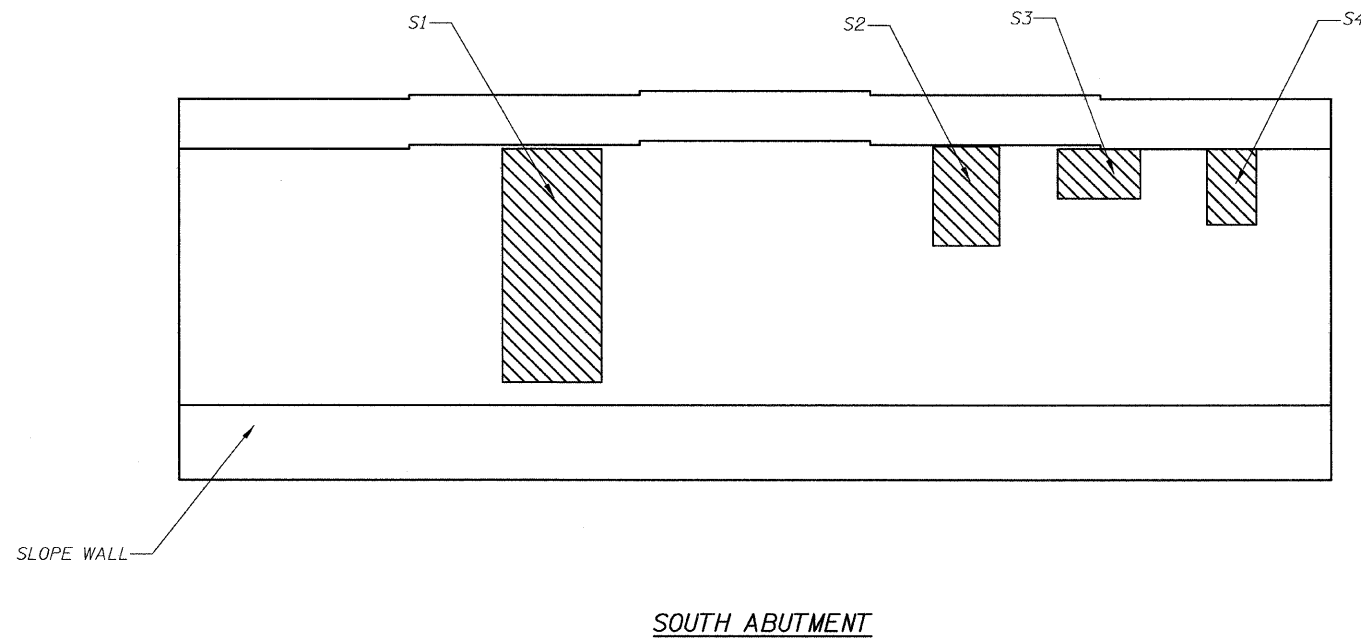
DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.M.M.
CHECKED	B.G.H.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



**STRUCTURAL REPAIR OF CONCRETE TABLE
(DEPTH LESS THAN OR EQUAL TO 5")**

Repair Area	Height (ft)	Width (ft)	Area (sq ft)
<i>South Abutment</i>			
S1	15	6	90
S2	6	4	24
S3	3	5	15
S4	5	3	15
<i>North Abutment</i>			
N1	8	8	64
N2	6	4	24
N3	12	10	120
N4	6	10	60
N5	10	6	60



BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth less than or equal to 5 inches)	Sq. Ft.	472

Structural Repair of Concrete \leq 5"

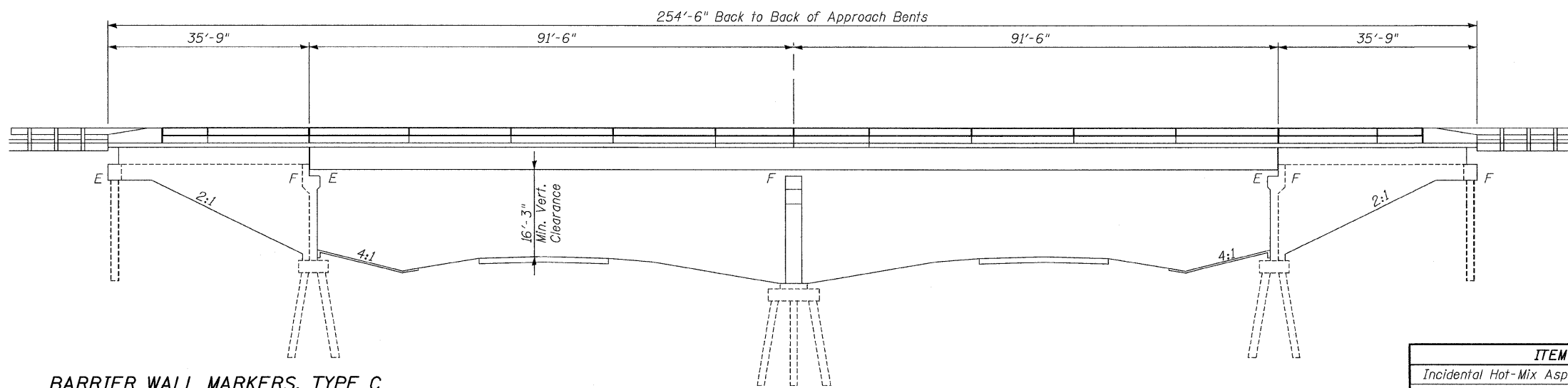


ABUTMENT REPAIRS

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.M.M.
CHECKED	B.G.H.

SHEET NO. 5 5 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	66
S.N. 082-0190			CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based at the unit price bid for the work.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Incidental Hot-Mix Asphalt Surfacing	Ton	61	—	61
Bridge Rail Removal	Foot	467	—	467
Bridge Deck Grooving	Sq. Yd.	919	—	919
Protective Coat	Sq. Yd.	1,203	—	1,203
* Barrier Wall Markers, Type C	Each	10	—	10
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	976	—	976
Retrofit Concrete Parapet	Foot	467	—	467
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	976	—	976
Silicone Joint Sealer	Foot	75	—	75
Polymer Concrete	Cu. Ft.	12.5	—	12.5

BARRIER WALL MARKERS, TYPE C

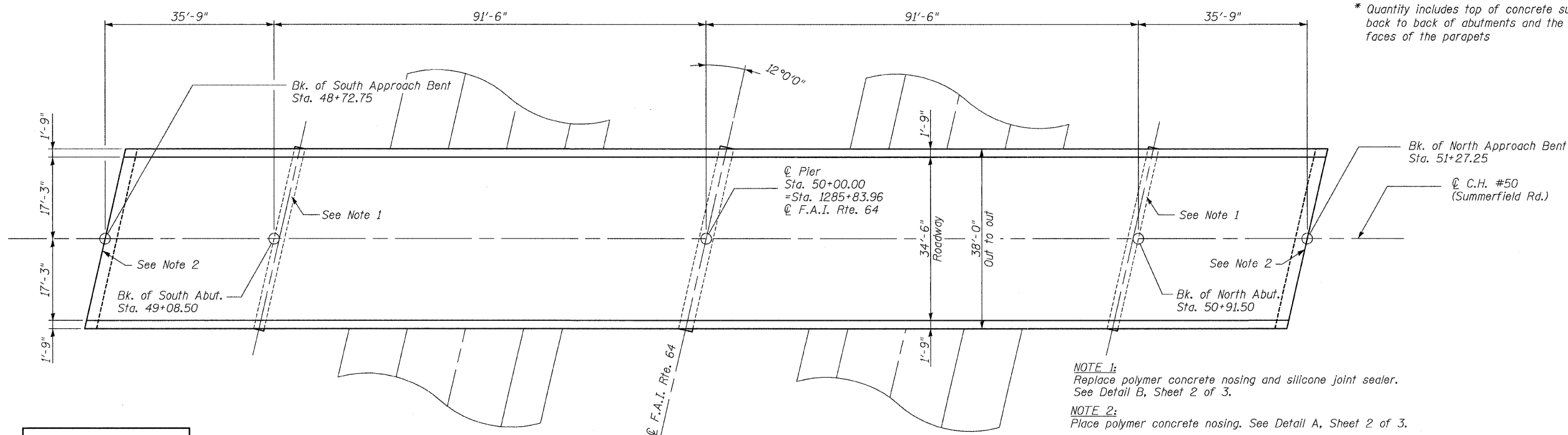
SCHEDULE

LEFT	RIGHT
Sta.	Sta.
48+80	48+72
49+42	49+34
50+04	49+96
50+66	50+58
51+28	51+20

INDEX OF SHEETS

Sheet No.	Description
1	General Plan & Elevation
2	Superstructure
3	Parapet Details

ELEVATION



* Quantity includes top of concrete surface of bridge deck back to back of abutments and the top and inside vertical faces of the parapets

NOTE 1:
Replace polymer concrete nosing and silicone joint sealer. See Detail B, Sheet 2 of 3.

NOTE 2:
Place polymer concrete nosing. See Detail A, Sheet 2 of 3.

DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

Bradley G. Hummert Date: 12/9/08
Bradley G. Hummert
Licensed Structural Engineer
in Carlyle, Illinois
No. 081-005428 Expires 11/30/2010



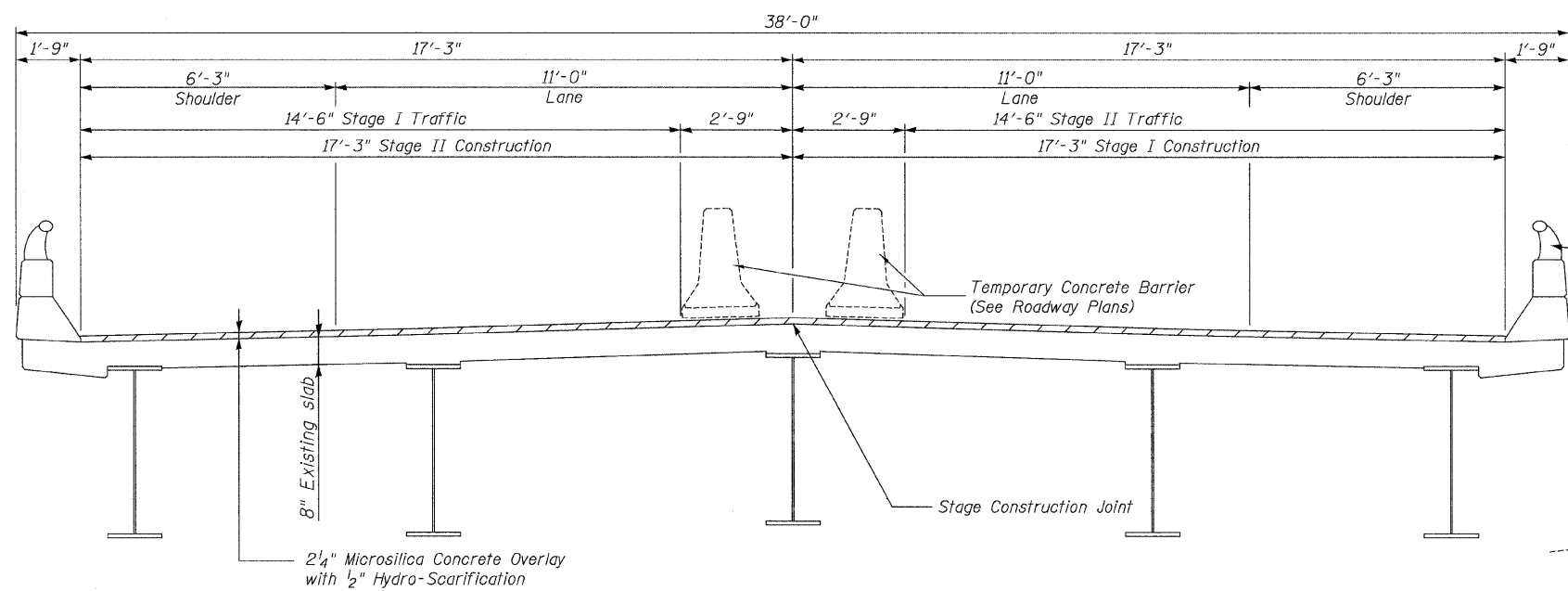
PLAN



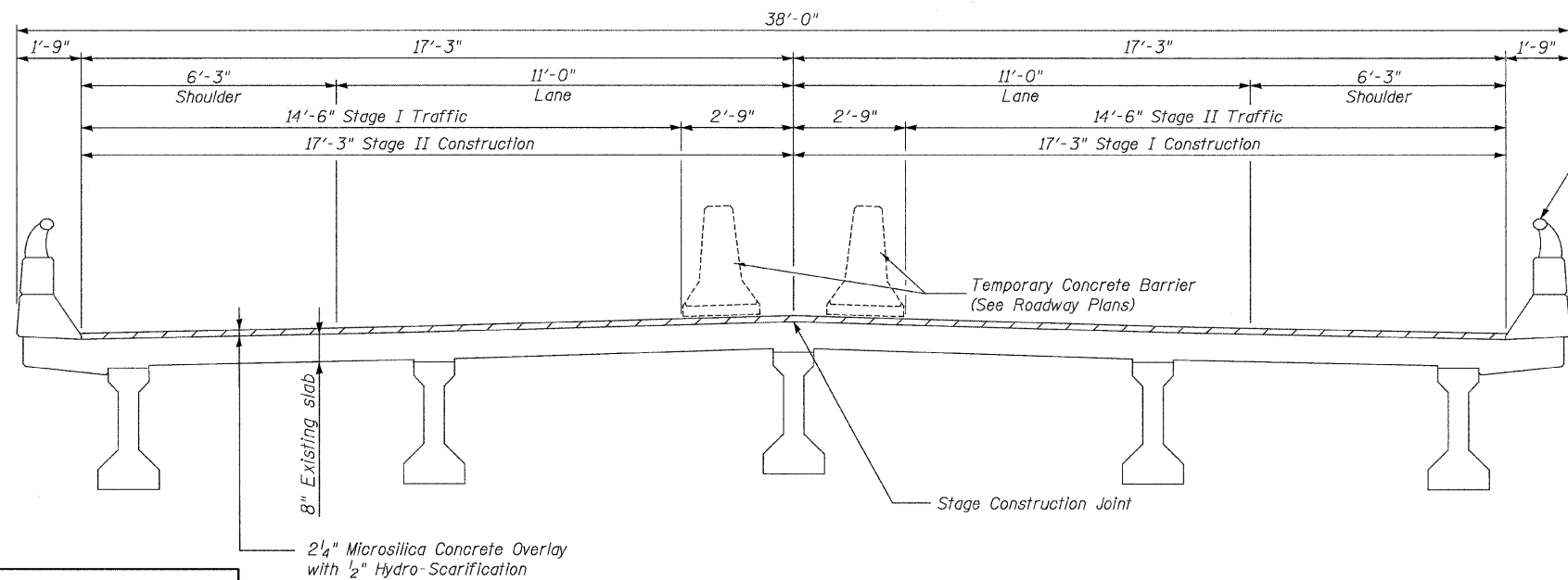
GENERAL PLAN & ELEVATION

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	64	82-(8,9,10)RS-3	ST. CLAIR	78	67
3 SHEETS		S.N. 082-0191	CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

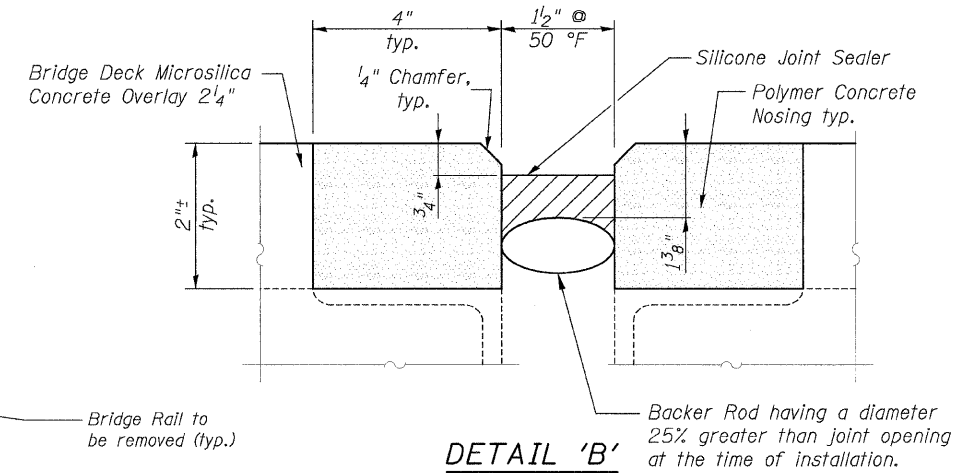


CROSS SECTION - MAIN SPANS
(Looking South)

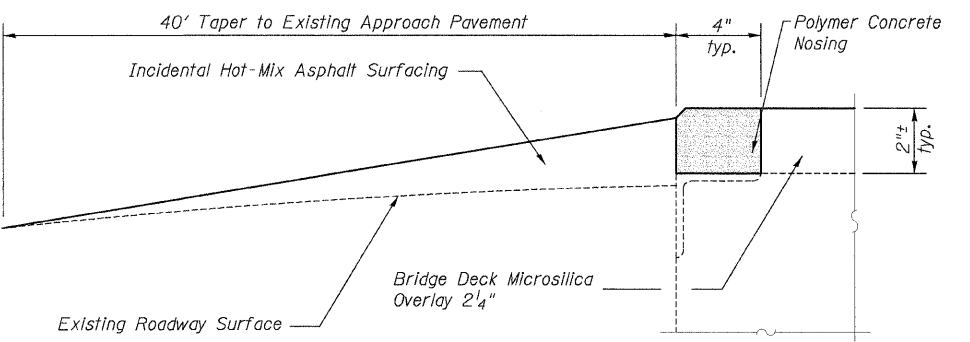


CROSS SECTION - APPROACH SPANS
(Looking South)

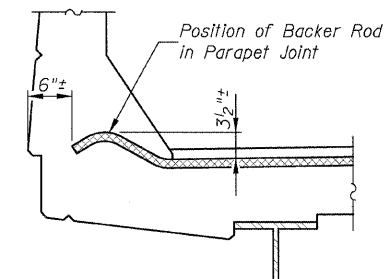
DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.



DETAIL 'B'



DETAIL 'A'



END OF JOINT DETAIL

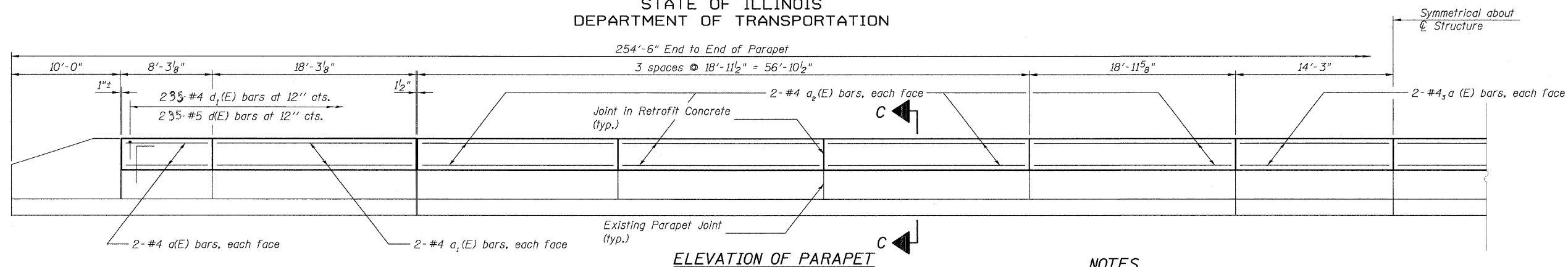
BILL OF MATERIAL

Item	Unit	Total
Incidental Hot-Mix Asphalt Surfacing	Ton	61
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	976
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	976
Silicone Joint Sealer	Foot	75
Polymer Concrete	Cu. Ft.	12.5

SUPERSTRUCTURE

SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	68
3 SHEETS			S.N. 082-0191	CONTRACT NO. 76855	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

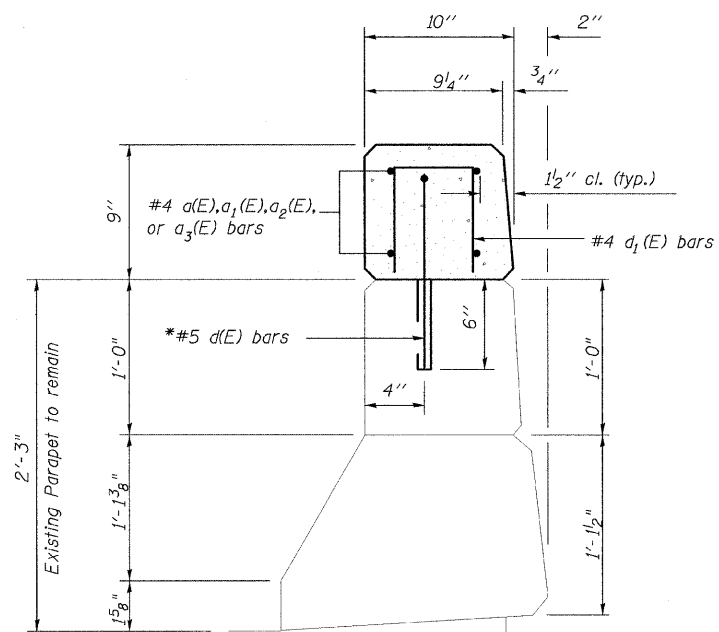
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



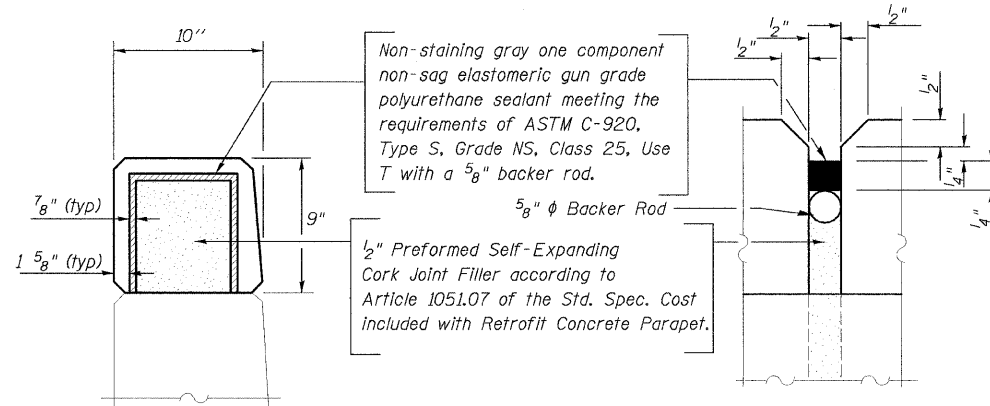
ELEVATION OF PARAPET

NOTES

Class SI concrete shall be used throughout for cast-in-place option.
All exposed edges shall be chamfered $\frac{3}{4}$ ".
Class SI concrete; reinforcement bars, epoxy coated; threaded anchor rods; $\frac{1}{2}$ " PJF and all other accessories needed for installation and erection shall be included in the cost of "Retrofit Concrete Parapet".
The contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the department.
The contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.
The capsule or the adhesive cartridge shall be sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amount of adhesive chemical.
The threaded rod stud with nut & washers shall conform to ASTM A307.
The existing $\frac{3}{4}$ " and 1" welded studs shall be burned, sawed or chipped off flush with the top of the existing parapet.
Holes for the dowel rods shall miss existing parapet joints.
The concrete parapet retrofit will be measured for payment in foot (ft) along the top of parapet end to end. This work will be paid for at the contract unit price per foot (ft) of "Retrofit Concrete Parapet".
* Epoxy grout d(E) bars in 6" (min.) drilled holes according to Section 584 of the Standard Specifications.



SECTION C-C



JOINT DETAIL

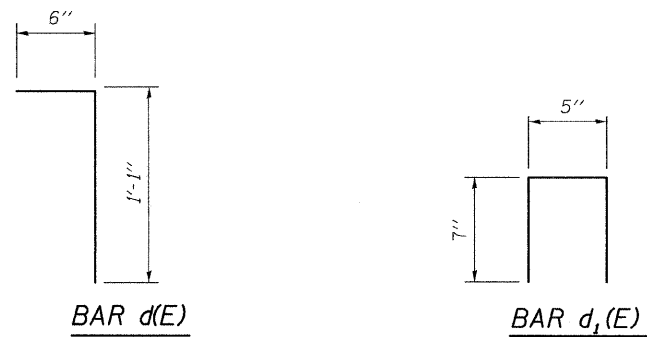
REBAR LIST
(FOR INFORMATION ONLY)

Bar	No.	Size	Length	Shape	
a(E)	16	#4	7'-11"	—	
a1(E)	16	#4	18'-0"	—	
a2(E)	64	#4	18'-8"	—	
a3(E)	16	#4	14'-0"	—	
d(E)	470	#5	1'-7"	└	
d1(E)	470	#4	1'-7"	└	
Reinforcement Bars, Epoxy Coated				Pound	2,560

BILL OF MATERIAL

Item	Unit	Total
Bridge Rail Removal	Foot	467
Retrofit Concrete Parapet	Foot	467

PARAPET DETAILS



DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

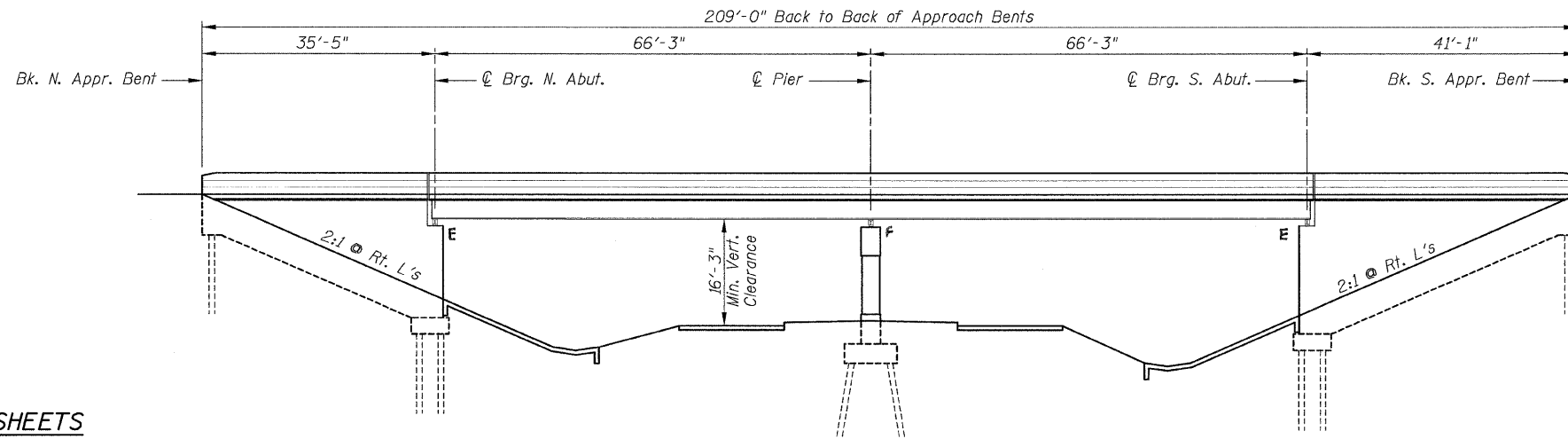
SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	69
3 SHEETS	S.N. 082-0191		CONTRACT NO. 76855		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOTAL BILL OF MATERIAL - S.N. 082-0192 (E.B.)

ITEM	UNIT	SUPER	SUB	TOTAL
* Concrete Sealer	Sq. Ft.	10,460	—	10,460
Deck Slab Repair (Partial)	Sq. Yd.	8	—	8

* Concrete sealer shall be applied to the surface of the deck and the top and inside faces of the parapets.



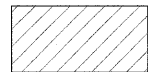
ELEVATION

PATCHING SCHEDULE

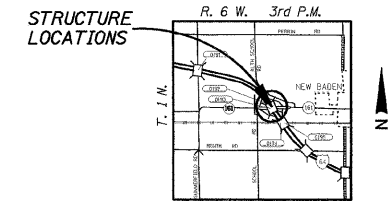
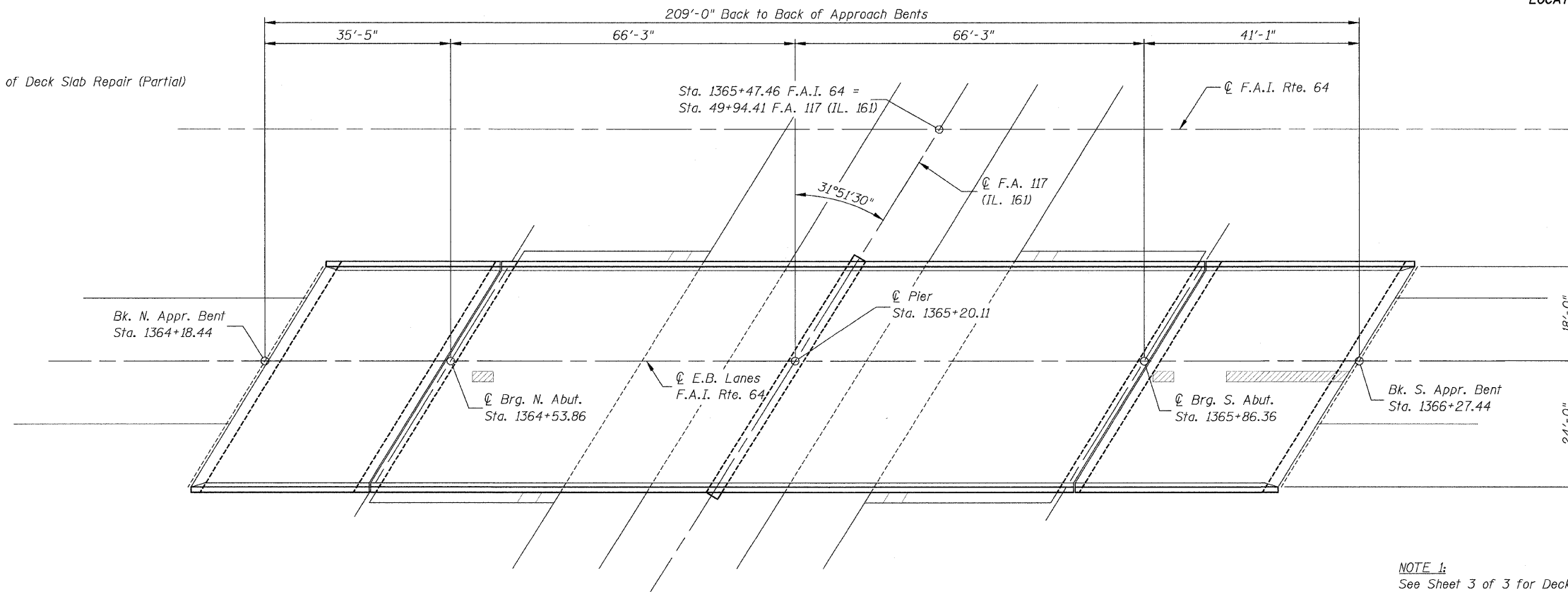
S.N. 082-0192 I-64 E.B. LANES OVER IL. RTE. 161			
Sta. 0+00 = South Approach Bent at Centerline			
From Sta. (Ft.)	To Sta. (Ft.)	From Offset (Ft.)	To Offset (Ft.)
0+00	0+25	2' Lt	4' Lt
0+40	0+44	2' Lt	4' Lt
1+65	1+69	2' Lt	4' Lt

INDEX OF SHEETS

1. General Plan & Elevation - S.N. 082-0192
2. General Plan & Elevation - S.N. 082-0193
3. Superstructure



Area of Deck Slab Repair (Partial)



LOCATION SKETCH

NOTE 1:
See Sheet 3 of 3 for Deck Slab Repair (Partial) details.

For General Notes see sheet 3 of 3.

GENERAL PLAN & ELEVATION - S.N. 082-0192 (E.B.)

SHEET NO. 1 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	70
S.N. 082-0192 & 082-0193			CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

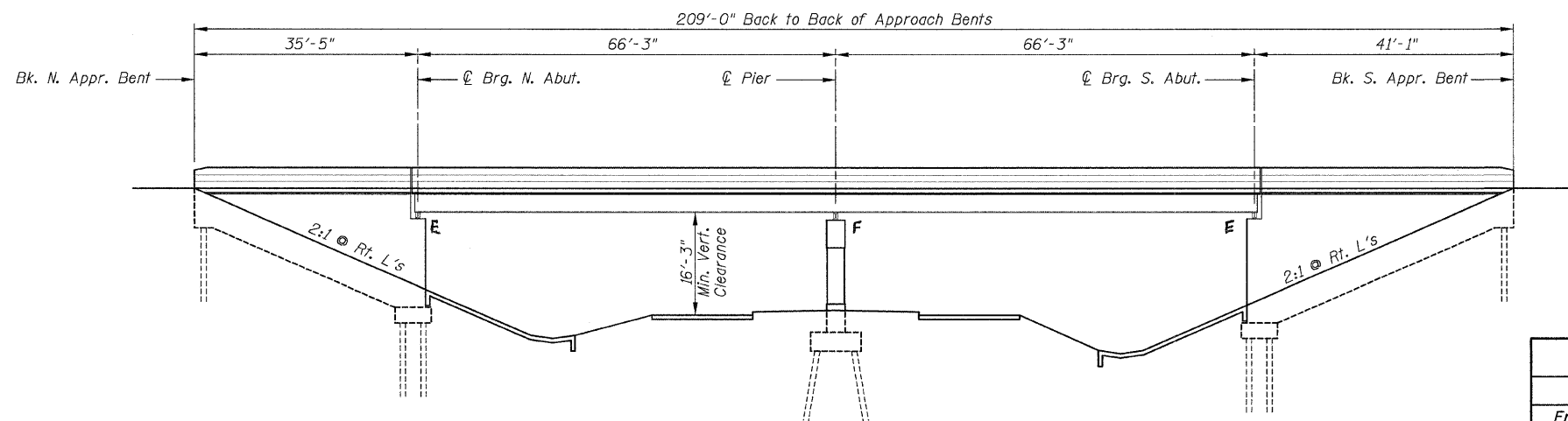
DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

Bradley G. Hummer Date: 12/9/08
Bradley G. Hummer
Licensed Structural Engineer
in Carlyle, Illinois
No. 081-005428 Expires 11/30/2010



PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

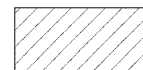
TOTAL BILL OF MATERIAL - S.N. 082-0193 (W.B.)

ITEM	UNIT	SUPER	SUB	TOTAL
* Concrete Sealer	Sq. Ft.	10,460	—	10,460
Deck Slab Repair (Partial)	Sq. Yd.	2	—	2

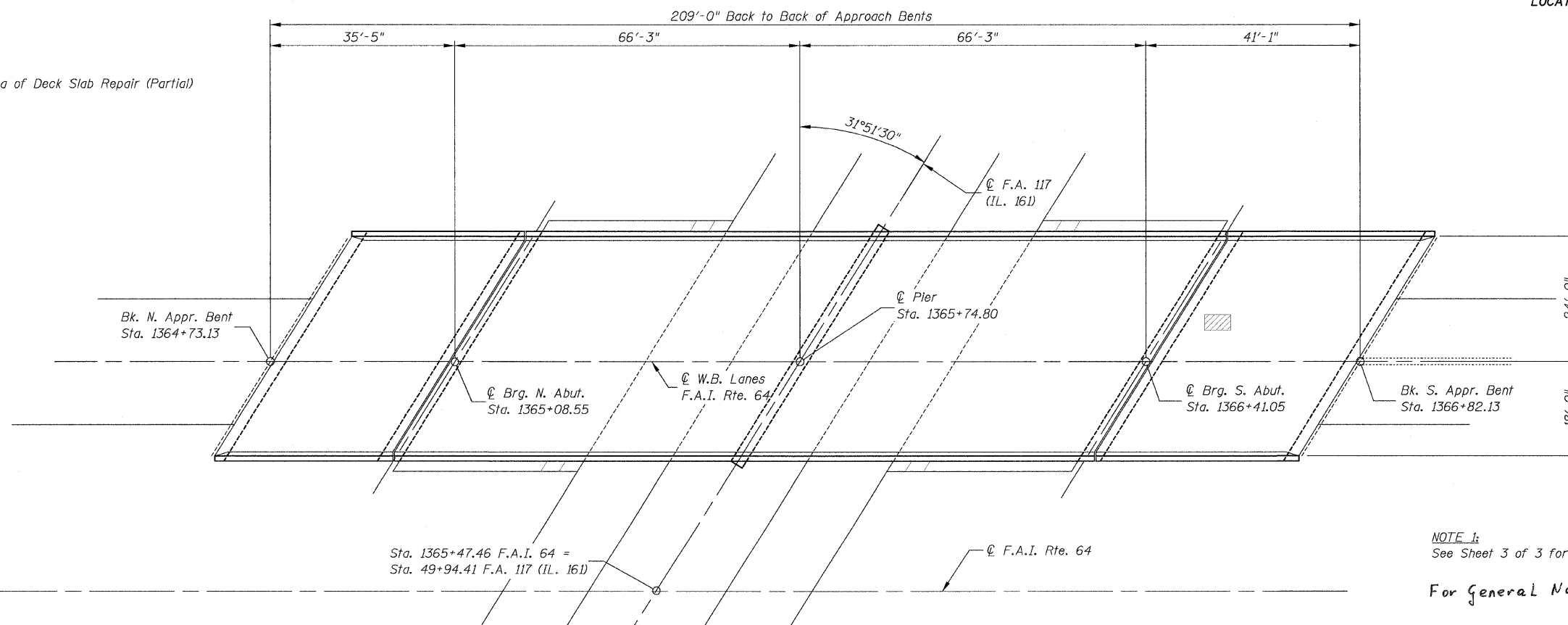
* Concrete sealer shall be applied to the surface of the deck and the top and inside faces of the parapets.

PATCHING SCHEDULE

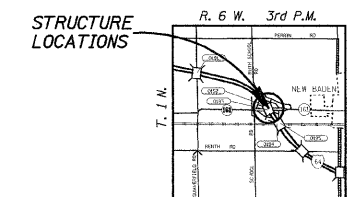
S.N. 082-0193 I-64 W.B. LANES OVER IL. RTE. 161			
Sta. 0+00 = South Approach Bent at Centerline			
From Sta. (Ft.)	To Sta. (Ft.)	From Offset (Ft.)	To Offset (Ft.)
0+25	0+30	6' Rt	9' Rt



Area of Deck Slab Repair (Partial)



PLAN



LOCATION SKETCH

NOTE 1:
See Sheet 3 of 3 for Deck Slab Repair (Partial) details.

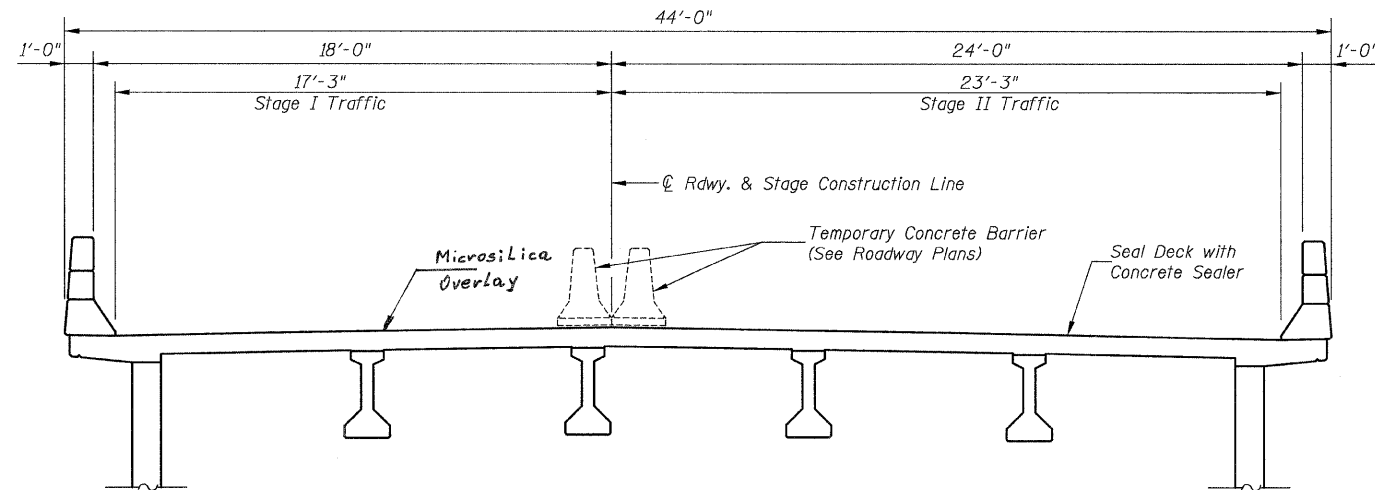
For General Notes see sheet 3 of 3.

DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

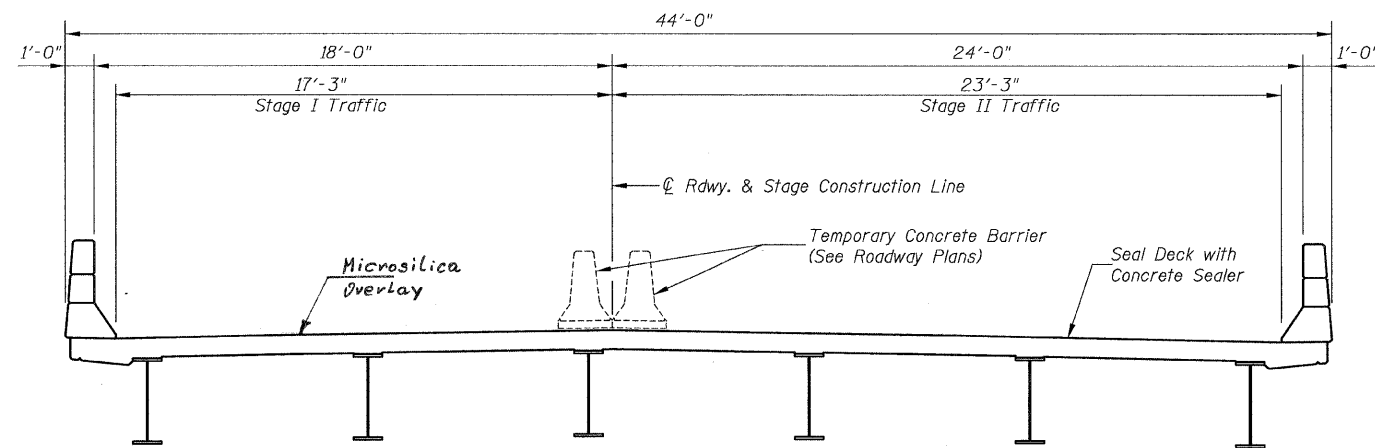
GENERAL PLAN & ELEVATION - S.N. 082-0193 (W.B.)

SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3 SHEETS	64	82-(8,9,10)RS-3	ST. CLAIR	78	71
S.N. 082-0192 & 082-0193			CONTRACT NO. 76855		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					

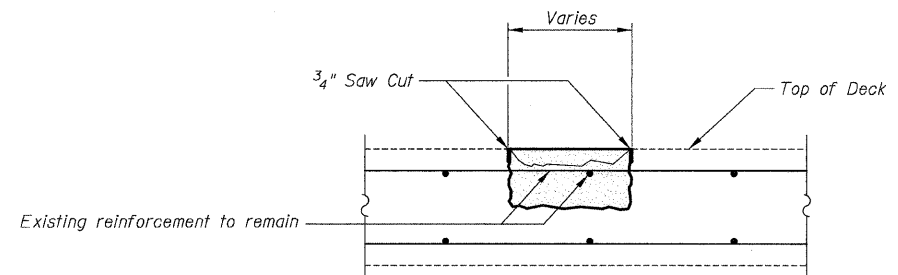
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



EAST BOUND APPROACH-STRUCTURE NO. 082-0192 LOOKING SOUTH
WEST BOUND APPROACH-STRUCTURE NO. 082-0193 LOOKING NORTH



EAST BOUND STRUCTURE NO. 082-0192 LOOKING SOUTH
WEST BOUND STRUCTURE NO. 082-0193 LOOKING NORTH



DECK SLAB REPAIR (PARTIAL) DETAIL

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based at the unit price bid for the work.

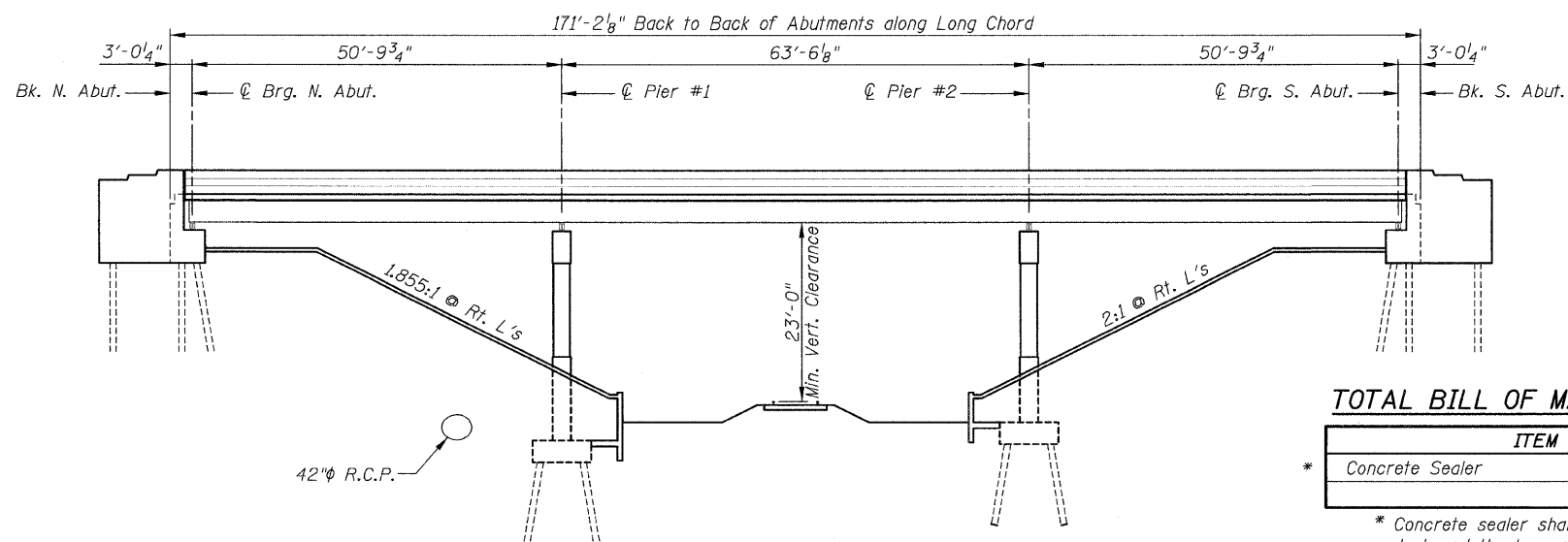
Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on As-built Plans.

DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

SUPERSTRUCTURE

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	72
3 SHEETS	S.N. 082-0192 & 082-0193		CONTRACT NO. 76855		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

TOTAL BILL OF MATERIAL - S.N. 082-0194 (E.B.)

ITEM	UNIT	SUPER	SUB	TOTAL
* Concrete Sealer	Sq. Ft.	9,414	—	9,414

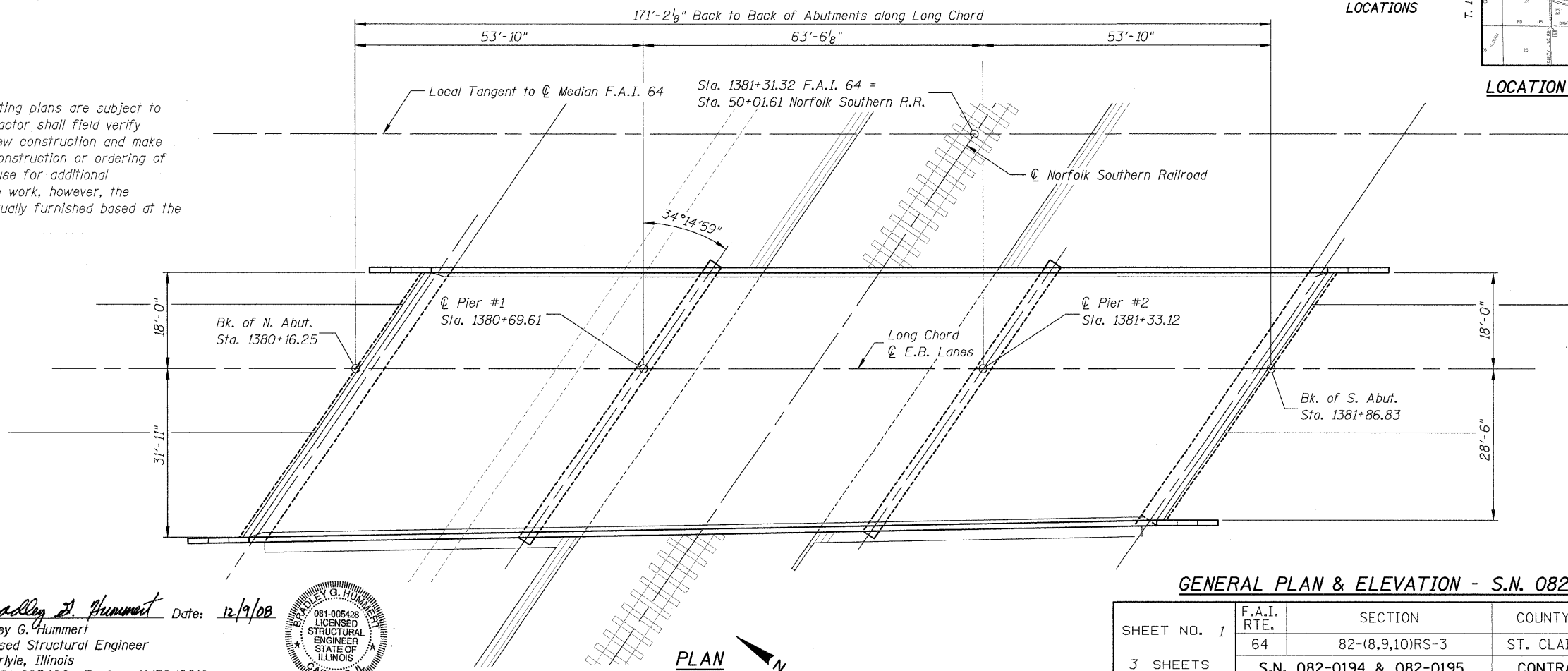
* Concrete sealer shall be applied to the surface of the deck and the top and inside vertical faces of the parapets.

INDEX OF SHEETS

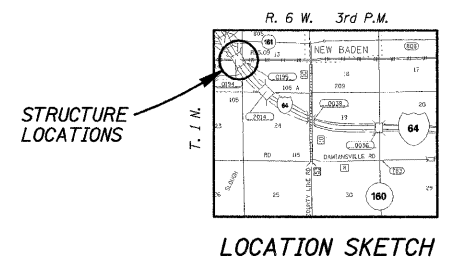
1. General Plan & Elevation - S.N. 082-0194
2. General Plan & Elevation - S.N. 082-0195
3. Superstructure

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based at the unit price bid for the work.



PLAN



GENERAL PLAN & ELEVATION - S.N. 082-0194 (E.B.)

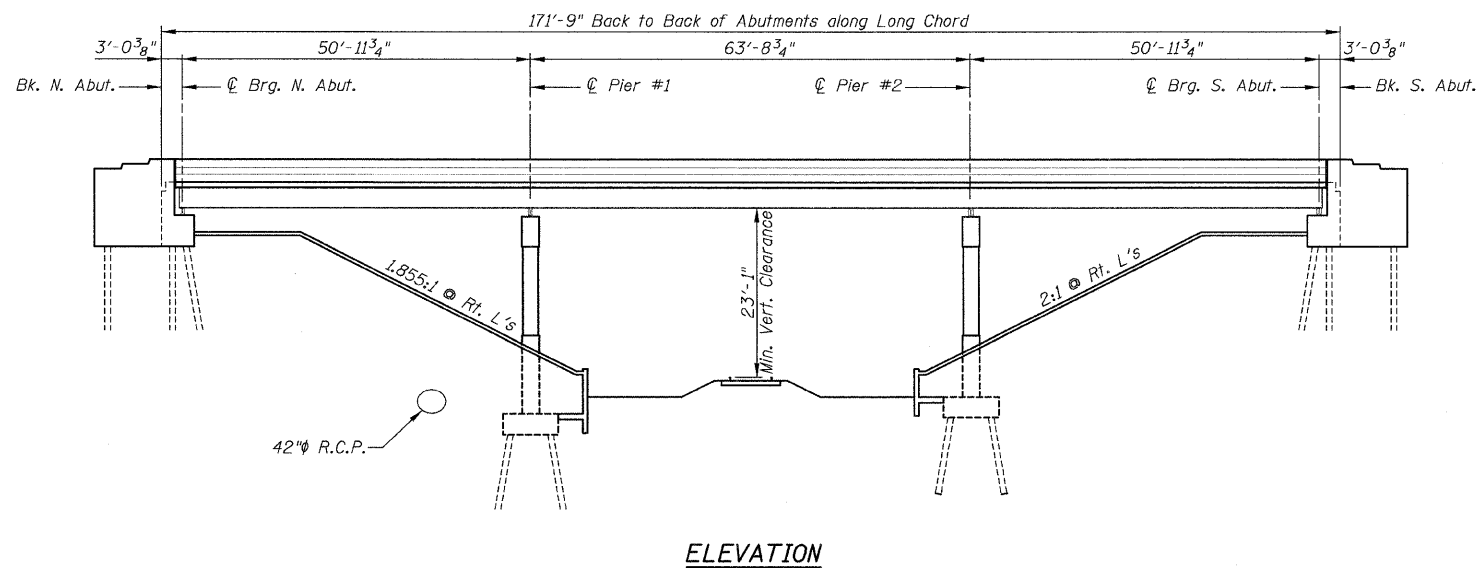
SHEET NO. 1 3 SHEETS	F.A.I. RTE. 64	SECTION 82-(8,9,10)RS-3	COUNTY ST. CLAIR	TOTAL SHEETS 78	SHEET NO. 73
	S.N. 082-0194 & 082-0195		CONTRACT NO. 76855		
FED. ROAD DIST. NO. _		ILLINOIS FED. AID PROJECT			

DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

Bradley G. Hummert Date: 12/9/08
Bradley G. Hummert
Licensed Structural Engineer
in Carlyle, Illinois
No. 081-005428 Expires 11/30/2010



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

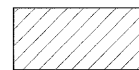
TOTAL BILL OF MATERIAL - S.N. 082-0195 W.B.

ITEM	UNIT	SUPER	SUB	TOTAL
* Concrete Sealer	Sq. Ft.	9,836	—	9,836
Deck Slab Repair (Partial)	Sq. Yd.	13	—	13
Silicone Joint Sealer	Foot	70	—	70
Polymer Concrete	Cu. Ft.	7.8	—	7.8

* Concrete sealer shall be applied to the surface of the deck and the top and inside vertical faces of the parapets.

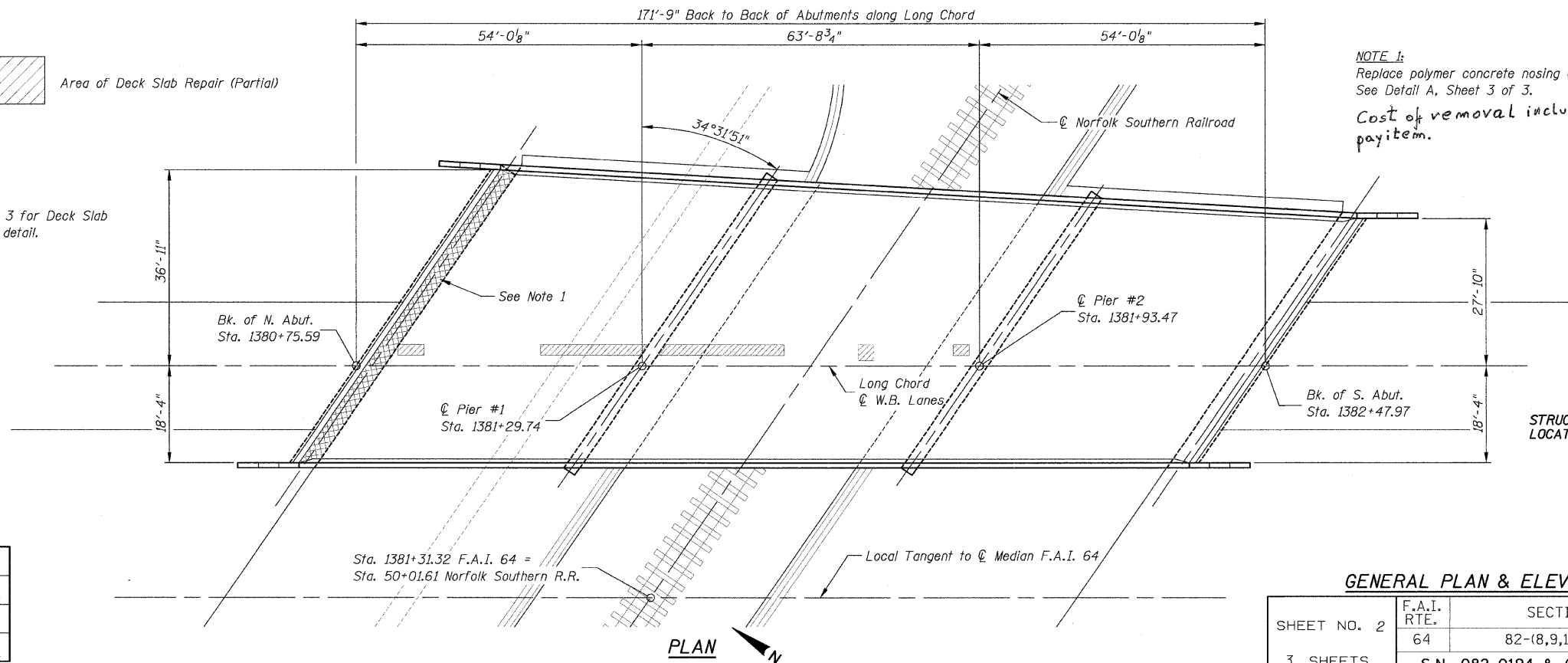
PATCHING SCHEDULE

S.N. 082-0195 I-64 W.B. LANE OVER N.S. RAILROAD			
Sta. 0+00 = South Abutment at Centerline			
From Sta. (Ft.)	To Sta. (Ft.)	From Offset (Ft.)	To Offset (Ft.)
0+51	0+54	2' Rt	4' Rt
0+74	0+77	1' Rt	4' Rt
0+91	1+14	2' Rt	4' Rt
1+16	1+37	2' Rt	4' Rt
1+59	1+64	2' Rt	4' Rt



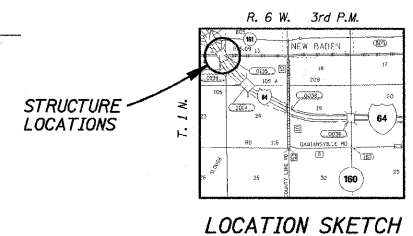
Area of Deck Slab Repair (Partial)

Note:
See sheet 3 of 3 for Deck Slab Repair (Partial) detail.



PLAN

NOTE 1:
Replace polymer concrete nosing and silicone joint sealer.
See Detail A, Sheet 3 of 3.
Cost of removal included with respective payitem.

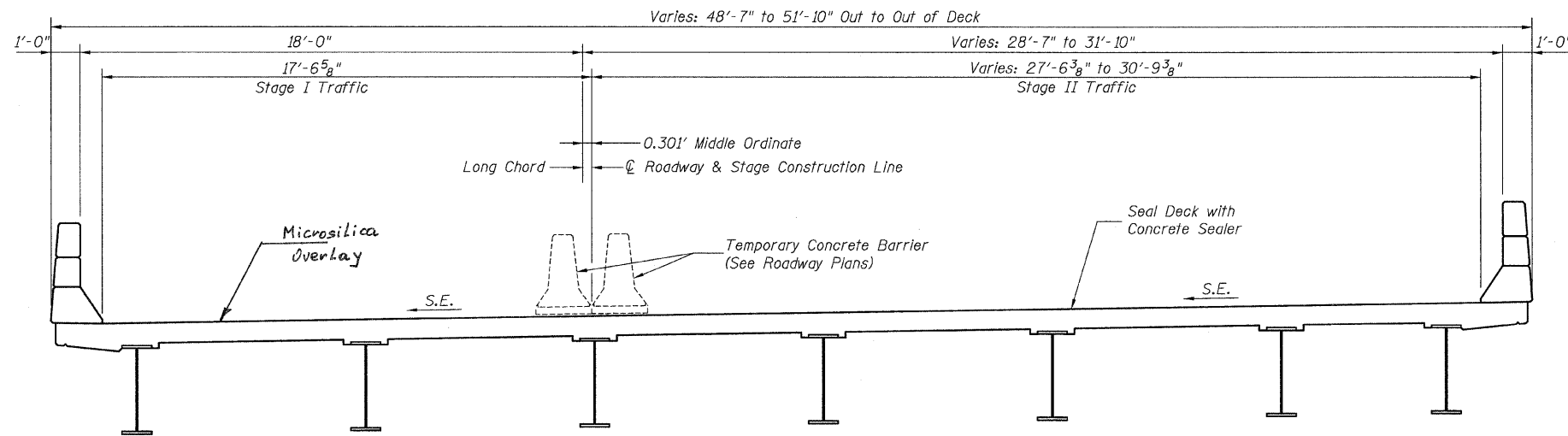


DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

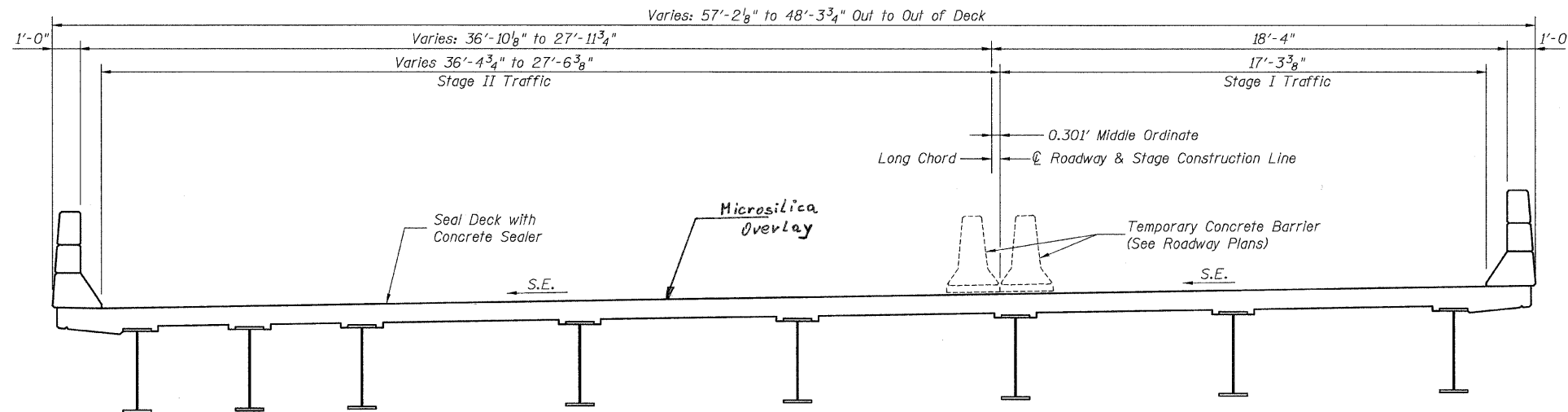
GENERAL PLAN & ELEVATION - S.N. 082-0195 W.B.

SHEET NO. 2 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	74
S.N. 082-0194 & 082-0195			CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

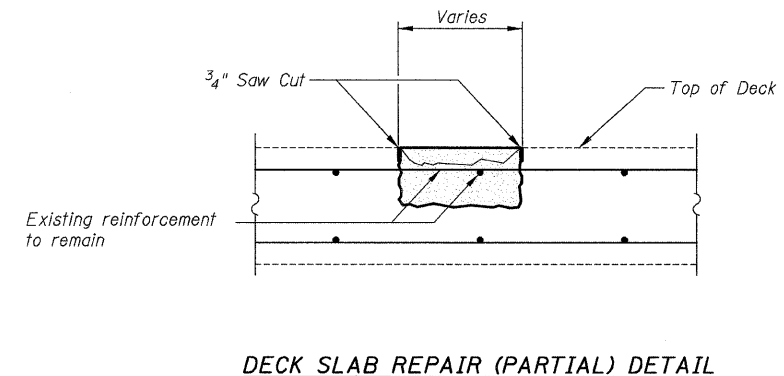
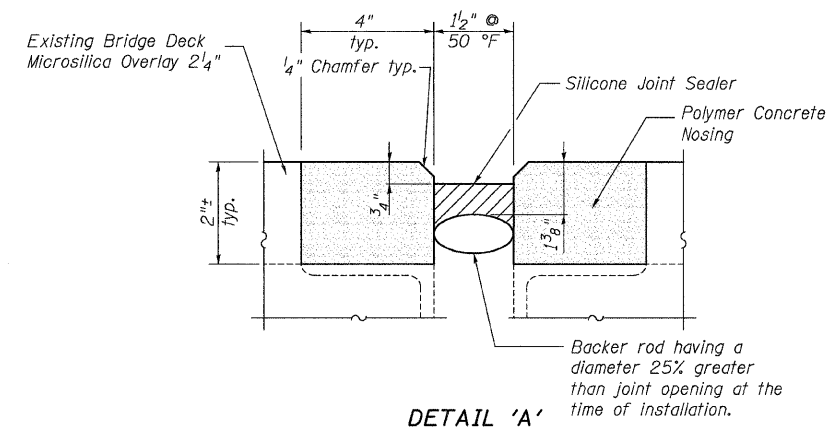
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



EAST BOUND STRUCTURE - 082-0194
(Looking South)



WEST BOUND STRUCTURE - 082-0195
(Looking South)



DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

SUPERSTRUCTURE

SHEET NO. 3 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	ST. CLAIR	78	75
	S.N. 082-0194 & 082-0195		CONTRACT NO. 76855		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

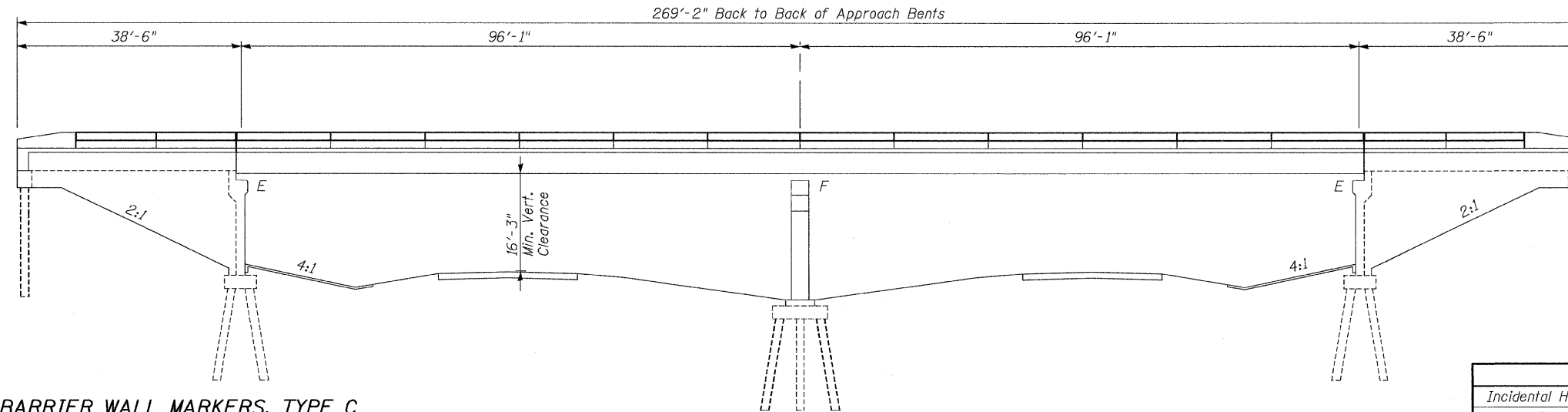
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based at the unit price bid for the work.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".



**BARRIER WALL MARKERS, TYPE C
SCHEDULE**

LEFT Sta.	RIGHT Sta.
59+42	59+12
60+07	59+77
60+72	60+42
61+37	61+07
62+02	61+72

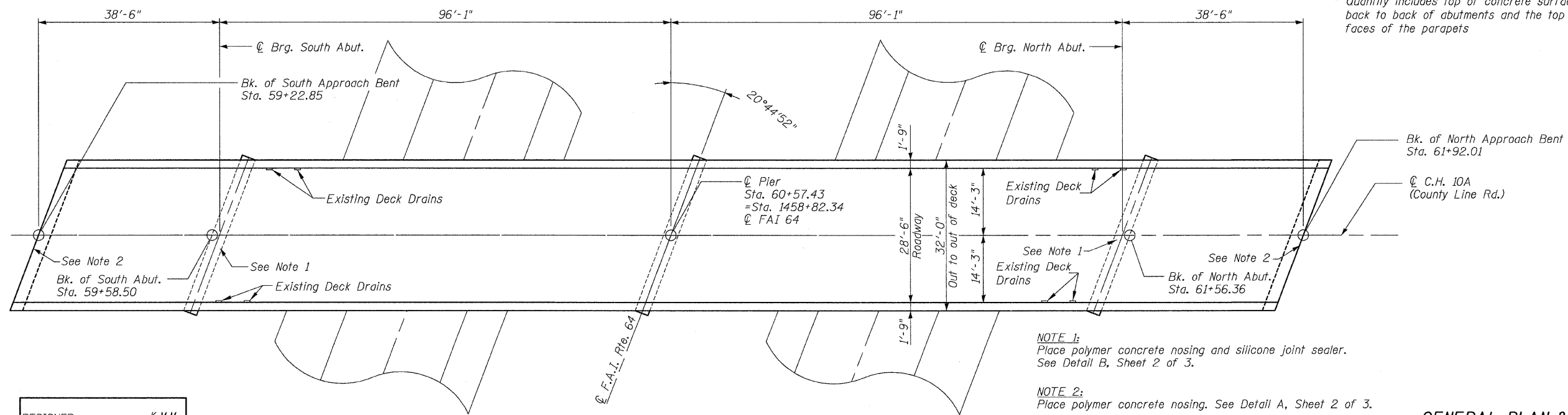
INDEX OF SHEETS

Sheet No.	Description
1	General Plan & Elevation
2	Superstructure
3	Parapet Details

ELEVATION

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Incidental Hot-Mix Asphalt Surfacing	Ton	50	—	50
Bridge Rail Removal	Foot	498	—	498
Bridge Deck Grooving	Sq. Yd.	793	—	793
Protective Coat	Sq. Yd.	1,093	—	1,093
Floor Drain Extension	Each	8	—	8
Barrier Wall Markers, Type C	Each	10	—	10
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	853	—	853
Retrofit Concrete Parapet	Foot	498	—	498
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	853	—	853
Silicone Joint Sealer	Foot	65	—	65
Polymer Concrete	Cu. Ft.	10.9	—	10.9



* Quantity includes top of concrete surface of bridge deck back to back of abutments and the top and inside vertical faces of the parapets

NOTE 1:
Place polymer concrete nosing and silicone joint sealer. See Detail B, Sheet 2 of 3.

NOTE 2:
Place polymer concrete nosing. See Detail A, Sheet 2 of 3.

DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

Bradley G. Hummert Date: 12/9/08
Bradley G. Hummert
Licensed Structural Engineer
in Carlyle, Illinois
No. 081-005428 Expires 11/30/2010



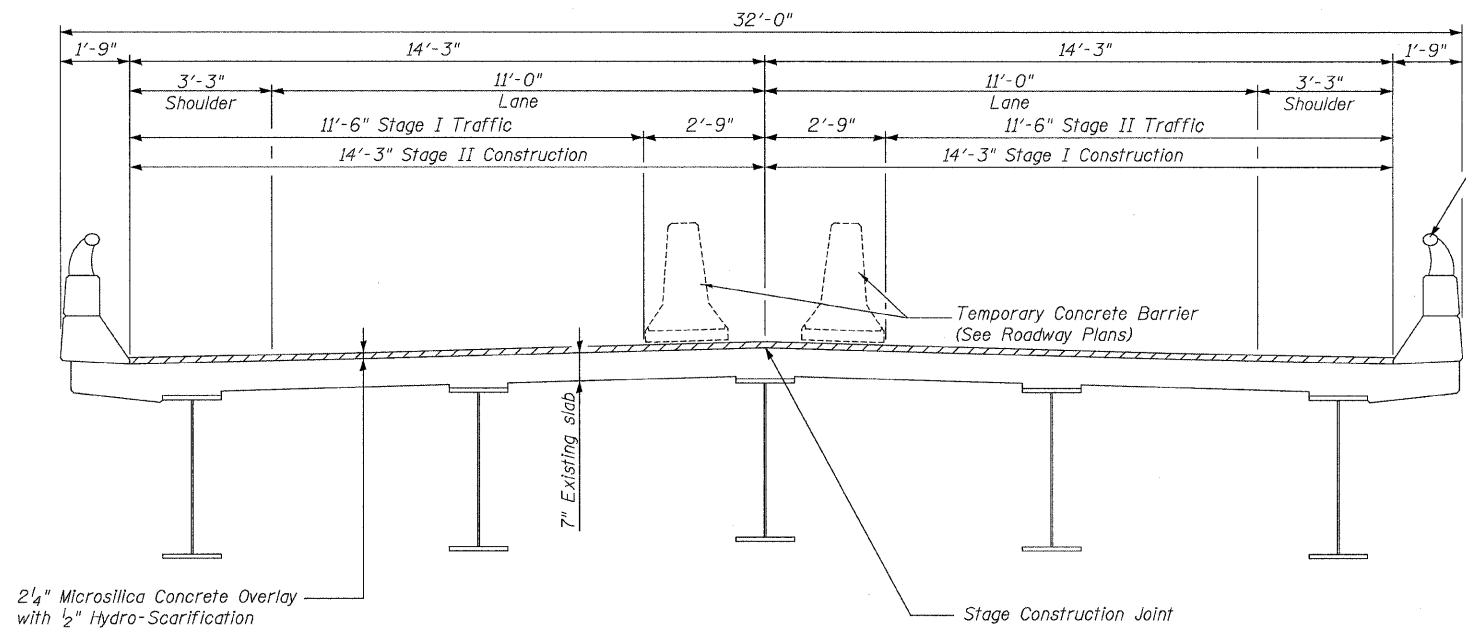
PLAN



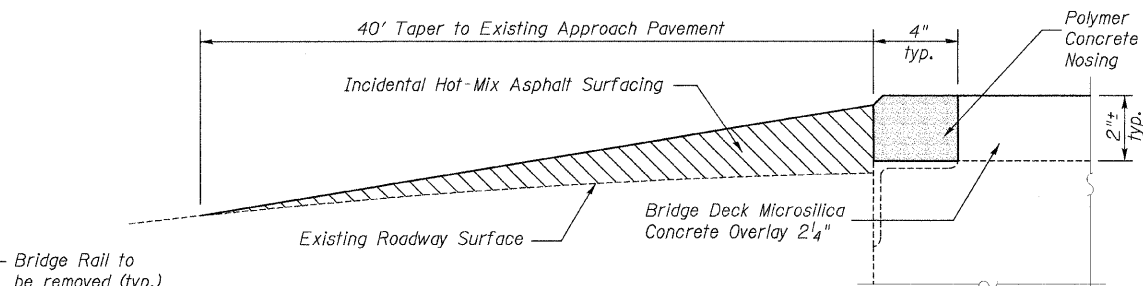
GENERAL PLAN & ELEVATION

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	64	82-(8,9,10)RS-3	CLINTON	78	76
3 SHEETS			S.N. 014-0038 CONTRACT NO. 76855		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

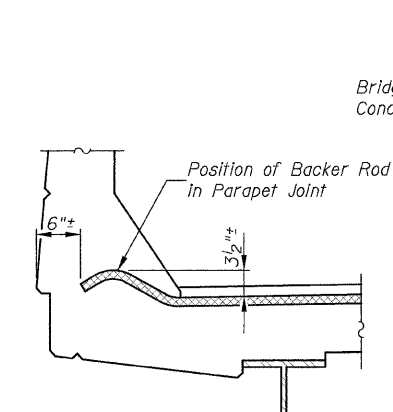
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



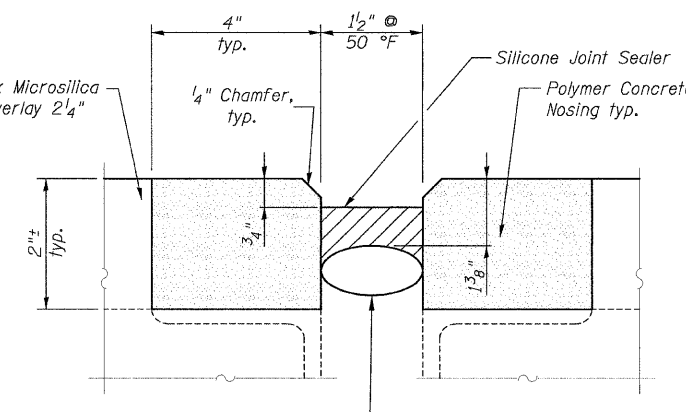
CROSS SECTION - MAIN SPANS
(Looking South)



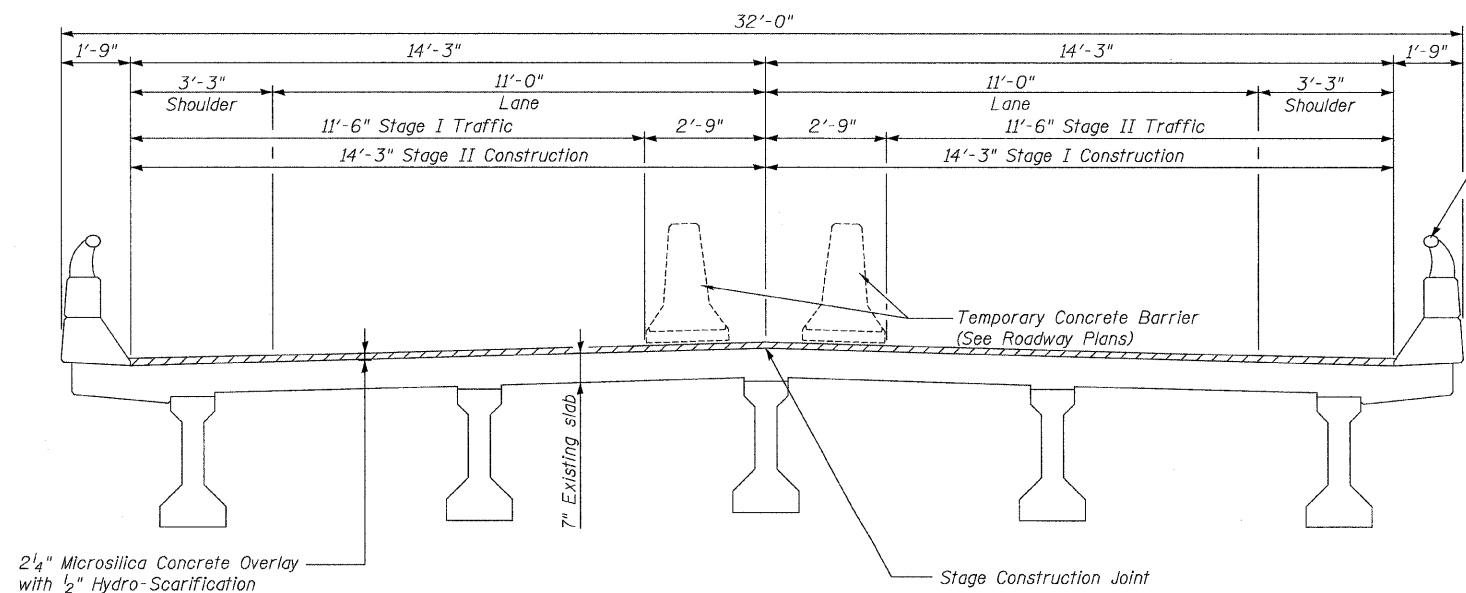
DETAIL 'A'



END OF JOINT DETAIL



DETAIL 'B'



CROSS SECTION - APPROACH SPANS
(Looking South)

BILL OF MATERIAL

Item	Unit	Total
Incidental Hot-Mix Asphalt Surfacing	Ton	50
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	853
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	853
Silicone Joint Sealer	Foot	65
Polymer Concrete	Cu. Ft.	10.9

SUPERSTRUCTURE

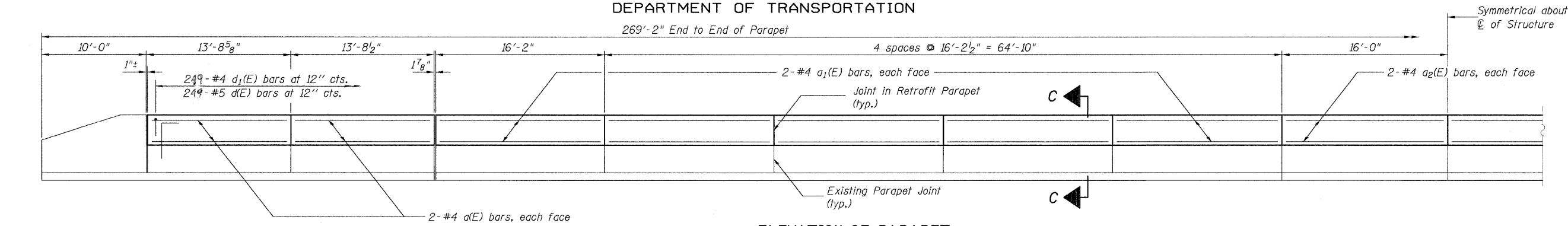
SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	CLINTON	78	77
3 SHEETS	S.N. 014-0038		CONTRACT NO. 76855		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.

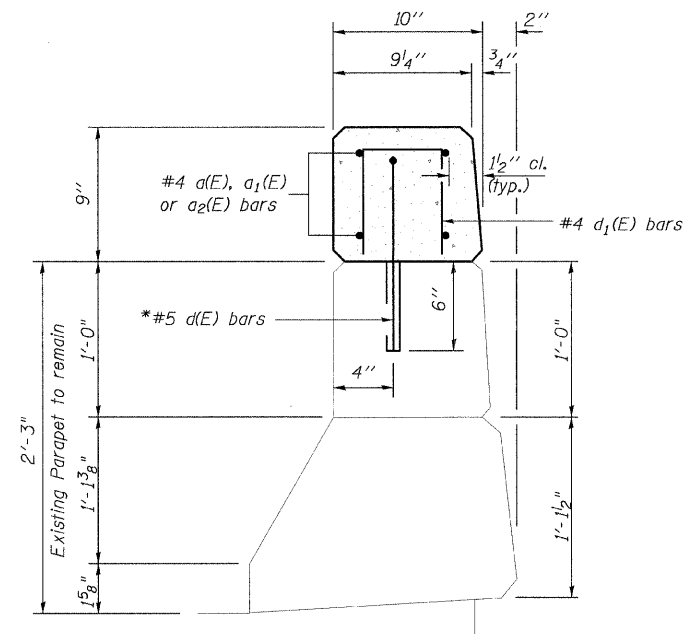
Note:
Staging is for information only,
to be coordinated with roadway staging.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

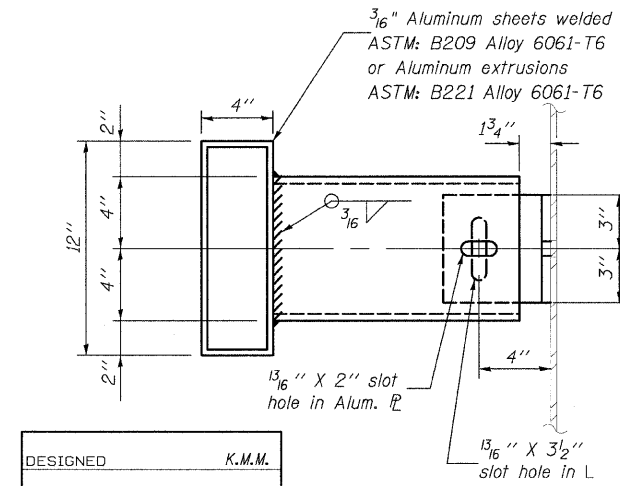
269'-2" End to End of Parapet



ELEVATION OF PARAPET

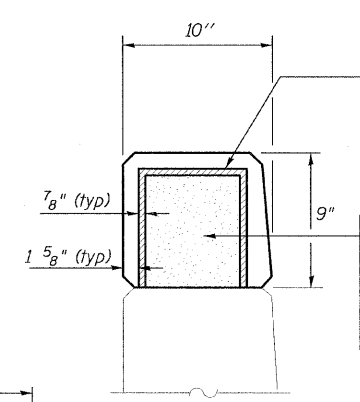


SECTION C-C



SECTION E-E

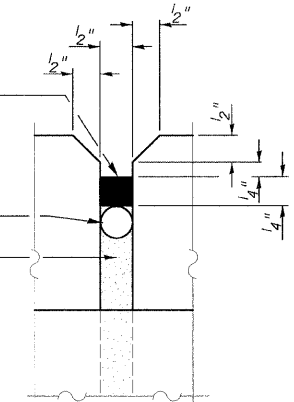
DESIGNED	K.M.M.
CHECKED	B.G.H.
DRAWN	K.M.M.
CHECKED	B.G.H.



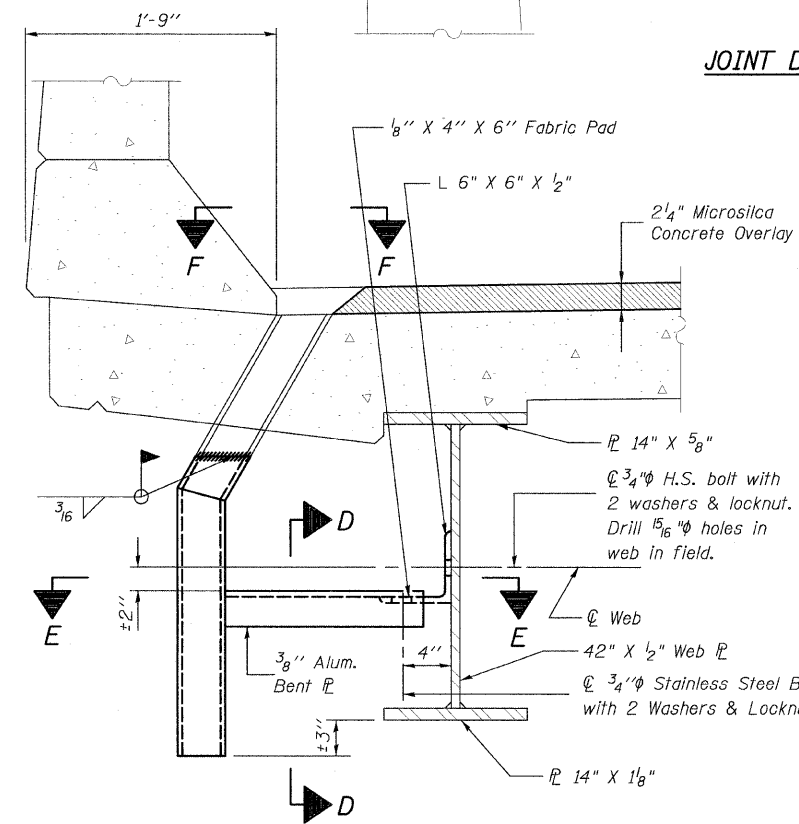
JOINT DETAIL

Non-staining gray one component non-sag elastomeric gun grade polyurethane sealant meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25. Use T with a 5/8" backer rod.

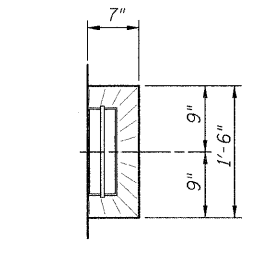
1/2" Preformed Self-Expanding Cork Joint Filler according to Article 1051.07 of the Std. Spec. Cost included with "Retrofit Concrete Parapet".



SECTION F-F
(Top Plan showing Microsilica Concrete Overlay Finishing)



SECTION AT DRAIN



SECTION D-D

NOTES

Class SI concrete shall be used throughout for cast-in-place option. All exposed edges shall be chamfered 3/4". Class SI concrete; reinforcement bars, epoxy coated; threaded anchor rods; 1/2" PJF and all other accessories needed for installation and erection shall be included in the cost of "Retrofit Concrete Parapet". The contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the department. The contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or the adhesive cartridge shall be sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amount of adhesive chemical. The threaded rod stud with nut & washers shall conform to ASTM A307. The existing 3/4" and 1" welded studs shall be burned, sawed or chipped off flush with the top of the existing parapet. Holes for the dowel rods shall miss existing parapet joints. The concrete parapet retrofit will be measured for payment in foot (ft) along the top of parapet end to end. This work will be paid for at the contract unit price per foot (ft) of "Retrofit Concrete Parapet". * Epoxy grout d(E) bars in 6" (min.) drilled holes according to Section 584 of the Standard Specifications.

REBAR LIST
(FOR INFORMATION ONLY)

Bar	No.	Size	Length	Shape	
a(E)	32	#4	13'-5"	—	
a1(E)	80	#4	15'-11"	—	
a2(E)	16	#4	15'-9"	—	
d(E)	498	#5	1'-7"	L	
d1(E)	498	#4	1'-7"	U	
Reinforcement Bars, Epoxy Coated				Pound	2,740

BILL OF MATERIAL

Item	Unit	Total
Bridge Rail Removal	Foot	498
Floor Drain Extensions	Each	8
Retrofit Concrete Parapet	Foot	498

PARAPET DETAILS

SHEET NO. 3 3 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-(8,9,10)RS-3	CLINTON	78	78
S.N. 014-0038			CONTRACT NO. 76855		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					