

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED PLANS
FOR FEDERAL AID HIGHWAY
MAIN CONTRACT
RED GATE ROAD OVER FOX RIVER
ILLINOIS ROUTE 31 TO ILLINOIS ROUTE 25
BRIDGE CONSTRUCTION**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	1
		ILLINOIS	CONTRACT NO. 63650	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

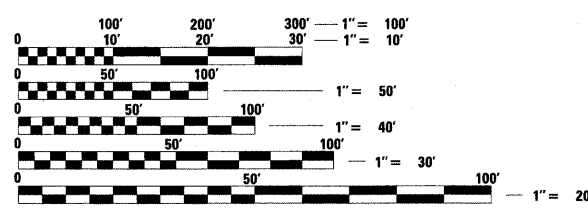
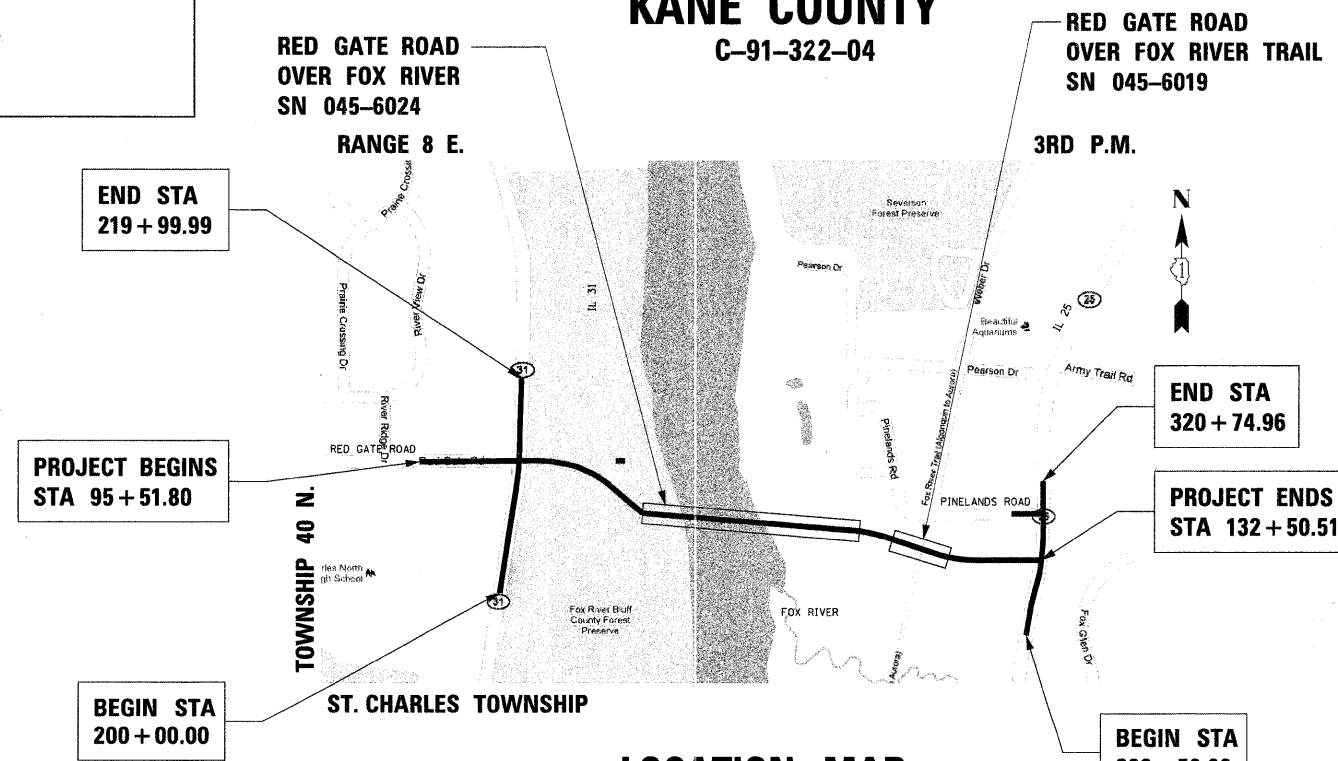
DESIGN DESIGNATION AND TRAFFIC DATA

2030 ADT VEHICLES		
RED GATE ROAD	=	15,500
IL 25	=	N 28,000 / S 30,500
IL 31	=	N 12,400 / S 13,100
RED GATE ROAD DESIGN SPEED	=	40 MPH
IL 25 DESIGN SPEED	=	45 MPH
IL 31 DESIGN SPEED	=	50 MPH
FUNCTION CLASSIFICATION:	- OTHER PRINCIPAL ARTERIAL (OPA)	

SECTION 04-00092-00-BR
PROJECT [REDACTED] M-TE-CMM-HD-TCSP-ILO8(030)
CITY OF ST. CHARLES
KANE COUNTY



PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAUMBURG, IL

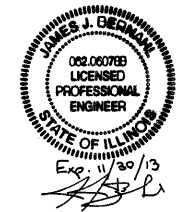


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

LOCATION MAP

SCALE: NTS
GROSS LENGTH = 3,698.71 FT. = 0.701 MILE
NET LENGTH = 3,698.71 FT. = 0.701 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED October 17th 20 11

CITY OF ST. CHARLES PUBLIC WORKS ENGINEERING DIVISION MANAGER

PASSED November 23rd 11

District 1 Engineer of Local Roads and Streets

RELEASING FOR BID BASED ON LIMITED REVIEW

NOVEMBER 28, 20 11

Deane M. O'Keefe, DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



EXPIRATION DATE: 11-30-2012
DATE: 10-21-2011

CONTRACT NO. 63650

benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10074

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IDOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	630301-05	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINAL	701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
001001-02	AREA OF REINFORCEMENT BARS	635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT	701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
280001-06	TEMPORARY EROSION CONTROL SYSTEMS	635011-02	REFLECTOR MARKER MOUNTING DETAILS	701901-02	TRAFFIC CONTROL DEVICES
420001-07	PAVEMENT JOINTS	664001-02	CHAIN LINK FENCE	704001-07	TEMPORARY CONCRETE BARRIER
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	701001-02	OFF-RD 2L, 2W, MORE THAN 15' AWAY	720001-01	SIGN PANEL MOUNTING DETAILS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT	701006-03	OFF ROAD OPERATION 2 LANE 2 WAY - 15FT TO EOP	720006-03	SIGN PANEL ERECTION DETAILS
515001-03	NAME PLATE FOR BRIDGES	701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY	720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION	701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY	728001-01	TELESCOPING STEEL SIGN SUPPORT
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN	701201-04	LANE CLOSURE 2 LANE 2 WAY - DAY ONLY	729011-01	APPLICATIONS OF TYPE A & TYPE B POSTS
602001-02	CATCH BASIN TYPE A	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
602401-03	MANHOLE TYPE A	701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH	814001-02	HANDHOLES
602701-02	MANHOLE STEPS	701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH	877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
604001-03	FRAME AND LIDS TYPE 1	701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH	878001-09	CONCRETE FOUNDATION DETAILS
604036-02	GRATE TYPE 8	701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH	880001-01	SPAN WIRE MOUNED SIGNALS AND FLASHING BEACON INSTALLATION
604091-02	FRAME AND GRATE TYPE 24	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
606001-04	CONC. CURB TYPE B & COMB. CONC. CURB AND GUTTER	701502-04	URBAN LANE CLOSURE 2 LANE 2 WAY WITH BIDIRECTIONAL LEFT TURN LANE	BLR 10-6	PCC PAVEMENT SPECIAL NON-REINFORCED
630001-09	STEEL PLATE BEAM GUARDRAIL	701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN	BLR 23-4	TRAFFIC BARRIER TERMINAL TYPE 1

IDOT DISTRICT 1 DETAILS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15'
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HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	THICKNESS	VOIDS
PAVEMENT - IL RTE 25, AND RED GATE ROAD RADIUS RETURNS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, 8" IL-19.0, N70 (4 LIFTS)	8"	4% @ 70 Gyr
WIDENING AND RESURFACING - IL 25		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	4% @ 70 Gyr
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	VARIES	4% @ 50 Gyr
HOT-MIX ASPHALT BINDER COURSE, 8" (4 LIFTS)	8"	4% @ 70 Gyr
PAVEMENT - IL RTE 31, AND RED GATE ROAD RADIUS RETURNS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	4% @ 70 Gyr
HOT-MIX ASPHALT BINDER COURSE, 8" IL-19.0, N70 (4 LIFTS)	8"	4% @ 70 Gyr
WIDENING AND RESURFACING - IL 31		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	4% @ 70 Gyr
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	VARIES	4% @ 50 Gyr
HOT-MIX ASPHALT BINDER COURSE, 8", IL-19.0, N70 (4 LIFTS)	8"	4% @ 70 Gyr
COMMERCIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	2"	4% @ 50 Gyr
HOT-MIX ASPHALT BASE COURSE, 8" (3 LIFTS)	8"	4% @ 50 Gyr
PRIVATE DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	2"	4% @ 50 Gyr
HOT-MIX ASPHALT BASE COURSE, 6" (2 LIFTS)	6"	4% @ 50 Gyr

NOTES

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE & BINDER MIXTURES IS 112 LBS/SQYD/IN
- WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 PAID FOR AS HMA BASE COURSE OR HMA BASE COURSE WIDENING

PLOT SCALE: 1/8" = 1'-0"
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CITY OF ST. CHARLES

INDEX OF SHEETS AND STATE STANDARDS

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-0092-00-BR	KANE	440	2
CONTRACT NO. 63650				
[ILLINOIS] FED. AID PROJECT				

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE ENGINEER AND ALL UTILITY COMPANIES INCLUDING THE CITY OF ST. CHARLES AND KANE COUNTY.
3. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FROM BEST AVAILABLE RECORD INFORMATION AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH SHALL REMAIN. ALL DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
6. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.

8. SAW CUTTING PRIOR TO THE REMOVAL OF ANY ITEMS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.

9. THE REMOVAL OF EXISTING STORM SEWERS, DRAINAGE STRUCTURES AND ENTRANCE PIPE CULVERTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT WHEN REMOVED AS PART OF EARTH EXCAVATION OR DURING THE INSTALLATION OF THE PROPOSED ITEMS OF WORK.

10. THE RESIDENT ENGINEER SHALL CONTACT THE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TRAFFIC CONTROL DEVICES.
11. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE. SEE SPECIAL PROVISION.
12. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET & TEMPORARY EROSION CONTROL MEASURES ARE IN PLACE.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A DIRECT RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AND HANDWORK WITH A SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.

14. DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. THE COST OF DUST CONTROL WATERING WILL BE PAID FOR AS DUST CONTROL WATERING
15. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF THE UTMOST IMPORTANCE TO THE CITY OF ST. CHARLES. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

16. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AND/OR THE CUTTING CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION. ANY DAMAGE OF MAJOR TREE ROOTS, AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCIDENTAL TO THE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

17. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA DESIGNATED TO REMAIN TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
18. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AS DIRECTED BY THE ENGINEER TO SEPARATE THE DOG PARK AREA FROM THE CONSTRUCTION ZONE. ESTIMATED QUANTITIES HAVE BEEN PROVIDED WITHIN THE CONTRACT.
19. AGENCY COOPERATION. THE CONTRACTOR SHALL COORDINATE AND COOPERATE AS NECESSARY WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION, CITY OF ST. CHARLES, THE KANE/DUPAGE SOIL/WATER CONSERVATION DISTRICT, THE US ARMY CORPS OF ENGINEERS AND OTHER AGENCIES THAT ARE APPROPRIATE FOR WORK ACTIVITIES.
20. PROJECT WORK HOURS:
7:00am - 7:00pm MONDAY - FRIDAY
9:00am - 5:00pm SATURDAY
NO WORK ON SUNDAY

21. THE CONTRACTOR SHALL USE CARE WHEN WORKING OVER, UNDER OR ADJACENT TO AN EXISTING UTILITY TO REMAIN. THE CONTRACTOR SHALL COORDINATE WITH THE INDIVIDUAL UTILITY COMPANY TO DETERMINE THE UTILITY REQUIREMENTS FOR WORKING OVER, UNDER OR ADJACENT TO THE UTILITY INCLUDING TEMPORARILY SUPPORTING OR PROTECTING THE UTILITY DURING CONSTRUCTION. MEASURE(S) REQUIRED BY THE UTILITY COMPANY WILL NOT BE PAID FOR SEPARATELY. THE COST OF THE MEASURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ASSOCIATED ADJACENT ITEM OF WORK.

22. PORTIONS OF THE WORK ASSOCIATED WITH THIS PROJECT FALL OUTSIDE OF THE STATE OF ILLINOIS AND CITY OF ST. CHARLES RIGHT-OF-WAY BUT ARE CONTAINED WITHIN THE KANE COUNTY FOREST PRESERVE LAND. THIS WORK IS COVERED UNDER A TEMPORARY EASEMENT BETWEEN THE CITY OF ST. CHARLES AND THE KANE COUNTY FOREST PRESERVE. ACCESS TO THESE AREAS OF WORK SHALL BE LIMITED TO THE LIMITS AS SHOWN ON THE PLANS OR AGREED TO BY THE ENGINEER.
23. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
 - a. STATION 209+30 TO STATION 209+50 0 TO 100 FEET LT (ST. CHARLES NORTH HIGH SCHOOL, SITE 1925-4, 255 RED GATE ROAD) NON-SPECIAL WASTE. CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.
 - b. STATION 210+00 TO STATION 211+00 0 TO 100 FEET LT (MAGELLAN PIPELINE, SITE 1925-3, CROSSING IL 31 ALONG THE NORTH SIDE OF RED GATE ROAD) NON-SPECIAL WASTE. CONTAMINANTS OF CONCERN SAMPLING PARAMETERS: ARSENIC.

PROJECT COMMITMENTS

ILLINOIS DEPARTMENT OF NATURAL RESOURCES NO DISTURBANCES TO THE FOX RIVER OR ITS
PERMIT NO. NE2009026, DATED APRIL 17, 2009. TRIBUTARIES MAY OCCUR BETWEEN MARCH 1 AND JUNE 15.

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CITY OF ST. CHARLES

GENERAL NOTES & PROJECT COMMITMENTS			
SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	3
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20	100% STATE	100% STATE	100% STATE		100% LOCAL
					0028	0001	0004	0021	0008	0043
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	150		30	120			
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	150		30	120			
	20100500	TREE REMOVAL, ACRES	ACRE	3.0		1.5	1.5			
	20101000	TEMPORARY FENCE	FOOT	4,253		2,132	2,121			
	20101100	TREE TRUNK PROTECTION	EACH	100		50	50			
	20200100	EARTH EXCAVATION	CU YD	9,975		5,396	4,579			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	111			111			
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	102			102			
	20800150	TRENCH BACKFILL	CU YD	5,901			319			5,582
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	19,329		11,790	7,539			
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	40,971		30,270	10,701			
*	25000210	SEEDING, CLASS 2A	ACRE	9.6		9.6				
*	25000320	SEEDING, CLASS 5	ACRE	1.8		1.8				
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	866		866				
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	866		866				
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	866		866				
*	25100115	MULCH, METHOD 2	ACRE	14.5		11	3.5			
*	25100630	EROSION CONTROL BLANKET	SQ YD	26,662		26,662				
	28000305	TEMPORARY DITCH CHECKS	FOOT	143			143			
	28000400	PERIMETER EROSION BARRIER	FOOT	8,752		5,130	3,622			
	28000500	INLET AND PIPE PROTECTION	EACH	13		4	9			
	28000510	INLET FILTERS	EACH	48		36	12			
	28100105	STONE RIPRAP, CLASS A3	SQ YD	180			180			
	28100107	STONE RIPRAP, CLASS A4	SQ YD	1,561		585	27		949	
	28200200	FILTER FABRIC	SQ YD	1,071		459	612			
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	5,482	5,482					
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	206			206			
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,817			3,817			
	35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	1,922			1,922			
	40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,450			2,450			
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,306			1,306			
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	23			23			
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,006			2,006			

PLOT SCALE: 1" = 100' FILE NAME: ... USER NAME: mooleman PLOT DATE: 12/8/2011

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CITY OF ST. CHARLES

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 1 OF 9 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	4
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20 0028	100% STATE 0001	100% STATE 0004	100% STATE 0021	0008	100% LOCAL 0043
	4200501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	7,632		7,632				
	4070 2700	FURNISH PROFILOGRAPH	L SUM	1		1				
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	699				699		
	42400800	DETECTABLE WARNINGS	SQ FT	50				50		
	44000100	PAVEMENT REMOVAL	SQ YD	504		504				
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,400		828	1,572			
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,823			1,823			
	44000600	SIDEWALK REMOVAL	SQ FT	174			174			
	44004250	PAVED SHOULDER REMOVAL	SQ YD	2,146			2,146			
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	113			113			
	44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	53			53			
	48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	1,300			1,300			
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	359		359				
	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,300			1,300			
	48301000	PROTECTIVE COAT	SQ YD	15,264		15,264				
	50105220	PIPE CULVERT REMOVAL	FOOT	215			215			
	50200100	STRUCTURE EXCAVATION	CU YD	756					756	
	50200300	COFFERDAM EXCAVATION	CU YD	1,458	510				948	
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1					1	
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1	1					
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1	1					
	50201124	COFFERDAM (TYPE 2) (LOCATION - 4)	EACH	1					1	
	50201125	COFFERDAM (TYPE 2) (LOCATION - 5)	EACH	1					1	
	50300225	CONCRETE STRUCTURES	CU YD	2457.0	860.0				1,597.0	
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1465.1					1,465.1	
	50300260	BRIDGE DECK GROOVING	SQ YD	4,860					4,860	
	50300265	SEAL COAT CONCRETE	CU YD	733.6					733.6	
	50300280	CONCRETE ENCASMENT	CU YD	14.2	7.1				7.1	
	50300300	PROTECTIVE COAT	SQ YD	6,139					6,139	
	50500505	STUD SHEAR CONNECTORS	EACH	14,277					14,277	
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	733,090	183,280				549,810	
	50800515	BAR SPLICERS	EACH	91					91	
	51201600	FURNISHING STEEL PILES HP12X53	FOOT	2,808					2,808	
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	8,866	3,103				5,763	
	51202305	DRIVING PILES	FOOT	11,674					11,674	
	51203600	TEST PILE STEEL HP12X53	EACH	6					6	

PLOT SCALE: 1" = 100' FILE NAME: ... USER NAME: moolman PLOT DATE: 12/8/2011

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CITY OF ST. CHARLES

SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 2 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-0092-00-BR	KANE	440	5
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20	100% STATE	100% STATE	100% STATE		100% LOCAL
					0028	0001	0004	0021	0008	0043
	51203800	TEST PILE STEEL HP14X73	EACH	5					5	
	51204650	PILE SHOES	EACH	230	230					
	51500100	NAME PLATES	EACH	2	1				1	
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	39	39					
	52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	12	12					
	52100520	ANCHOR BOLTS, 1"	EACH	164	24				140	
	52100530	ANCHOR BOLTS, 1 1/4"	EACH	8					8	
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	40					40	
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	11				11		
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2		2				
	54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1		1				
	54213867	STEEL END SECTIONS 12"	EACH	12	12					
	54247100	GRATING FOR CONCRETE FLARED END SECTION 15"	EACH	11				11		
	54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	2		2				
	54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1		1				
	54248510	CONCRETE COLLAR	CU YD	1				1		
	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	125	125					
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	270				270		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	406				406		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	128				128		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	671				671		
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	48		48				
	550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	294		294				
	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	73		73				
	55100700	STORM SEWER REMOVAL 15"	FOOT	670				670		
*	56103300	DUCTILE IRON WATER MAIN, 12"	FOOT	3,518						3,518
*	56103400	DUCTILE IRON WATER MAIN, 16"	FOOT	1,893						1,893
*	56105200	WATER VALVES 12"	EACH	5						5
*	56105300	WATER VALVES 16"	EACH	6						6
*	56109100	TAPPING VALVES AND SLEEVES 12"	EACH	1						1
*	56109200	TAPPING VALVES AND SLEEVES 16"	EACH	1						1
*	56400710	FIRE HYDRANT AND VALVE (SPECIAL)	EACH	10						10
	58700300	CONCRETE SEALER	SQ FT	1,634					1,634	
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	97	34				63	
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5		3		2		

PLOT SCALE: 1/4" = 1'-0"
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CITY OF ST. CHARLES

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 3 OF 9 SHEETS	STA. _____	TO STA. _____
F.A. RTE.	SECTION 04-0092-00-BR	COUNTY KANE	TOTAL SHEETS 440 SHEET NO. 6
			CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT			

TABLE OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20 0028	100% STATE 0001	100% STATE 0004	100% STATE 0021	0008	100% LOCAL 0043
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	43		29	14			
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2		1	1			
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	22		16	6			
*	XX008436	VALVE VAULTS, 5'-DIAMETER	EACH	13						13
	60500050	REMOVING CATCH BASINS	EACH	2			2			
	60500060	REMOVING INLETS	EACH	3			3			
	X6060340	GUTTER OUTLET (SPECIAL)	EACH	4			4			
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	26		26				
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	7,200		4,090	3,110			
*	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	447				447		
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4				4		
*	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4				4		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	240		240				
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1		1				
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2		2				
	67100100	MOBILIZATION	L SUM	1		1				
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20				20		
	70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	182				182		
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	26,657				26,657		
	70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	2,018				2,018		
	70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	883				883		
	70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	106				106		
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	11,089				11,089		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	980				980		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	300				300		
	72000100	SIGN PANEL - TYPE 1	SQ FT	235				235		
	72000200	SIGN PANEL - TYPE 2	SQ FT	50				50		
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5				5		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5				5		
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1				1		
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1				1		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	436				436		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	728				728		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18,386				18,386		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,655				2,655		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	159				159		

PLOT SCALE: 1/8"=1'-0"
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USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 12/8/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	7
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20	100% STATE	100% STATE	100% STATE		100% LOCAL
					0028	0001	0004	0021	0008	0043
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	290				290		
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	292				292		
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	14,451				14,451		
*	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1,299				1,299		
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	201				201		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	369				369		
*	78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	68				68		
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	6				6		
*	78200530	BARRIER WALL MARKERS, TYPE C	EACH	40				40		
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4				4		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	5,874			5,874			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	109			109			
*	80500010	ELECTRIC SERVICE INSTALLATION - GROUND MOUNTED	EACH	2				2		
*	81023750	CONDUIT ENCASED IN CONCRETE, 3" DIA., PVC	FOOT	70						70
*	81024600	CONDUIT ENCASED, CONCRETE, 6" DIA., PVC 1 WIDE X 1 HIGH	FOOT	560						560
*	81026200	CONDUIT ENCASED, REINFORCED CONCRETE, 6" DIA., PVC 3 WIDE X 2 HIGH	FOOT	250						250
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,851				3,616		235
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	76				76		
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	108				92		16
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	618				618		
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2,709						2,709
*	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	460				460		
*	81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,207				1,207		
*	81101205	CONDUIT ATTACHED TO STRUCTURE, 6" DIA., PVC COATED GALVANIZED STEEL	FOOT	13,740						13,740
*	81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	322						322
*	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	240						240
*	81300420	JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6"	EACH	19						19
*	81300610	JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	2				2		
*	81400100	HANDHOLE	EACH	18				18		
*	81400200	HEAVY-DUTY HANDHOLE	EACH	7				7		
*	81400300	DOUBLE HANDHOLE	EACH	2				2		
*	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	5,587						5,587
*	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	11,857						11,857
*	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	129						129
*	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	21				21		
*	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2				2		

PLOT SCALE: 1" = 100' FILE NAME = ... \prpln-ABC-sht-soq-05.dgn USER NAME = moolaman PLOT DATE = 12/8/2011

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DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 5 OF 9 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	8
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20	100% STATE	100% STATE	100% STATE		100% LOCAL
					0028	0001	0004	0021	0008	0043
*	83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	21				21		
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	147				147		
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1				1		
*	85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1				1		
*	86000100	MASTER CONTROLLER	EACH	1				1		
*	86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	2				2		
*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	2				2		
*	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3,436				3,436		
*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3,436				3,436		
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	597				597		
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	597				597		
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,876				1,876		
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,988				1,988		
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,593				4,593		
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	208				208		
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	898				898		
*	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1				1		
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3				3		
*	87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1				1		
*	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1				1		
*	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1				1		
*	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1				1		
*	87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1				1		
*	87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1				1		
*	87700408	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1				1		
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16				16		
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8				8		
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	24				24		
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41				41		
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42				42		
*	88030020	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9				9		
*	88030050	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3				3		
*	88030100	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5				5		
*	88030110	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5				5		
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2				2		
*	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	14				14		
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	21				21		

PLOT SCALE: 1:1
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USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 12/8/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	9
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20 0028	100% STATE 0001	100% STATE 0004	100% STATE 0021	0008	100% LOCAL 0043
*	88600100	DETECTOR LOOP, TYPE I	FOOT	2,556				2,556		
*	88700200	LIGHT DETECTOR	EACH	7				7		
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	2				2		
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2				2		
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1		
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1		
*	89502380	REMOVE EXISTING HANDHOLE	EACH	8				8		
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7				7		
*	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLE	EACH	55		55				
*	A2001012	TREE, ACER RUBRUM (RED MAPLE), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	18		18				
*	A2001710	TREE, ACER SACCHARUM (SUGAR MAPLE) 1-1/4" CALIPER, BALLED AND BURLAPPED	EACH	9		9				
*	A2002612	TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12		12				
*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	30		30				
*	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	25		25				
*	A2005110	TREE, JUGLANS NIGRA (BLACK WALNUT), 1" CALIPER, BALLED AND BURLAPPED	EACH	8		8				
*	A2005512	TREE, NYSSA SYLVATICA (BLACK TUPELO), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	19		19				
*	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12		12				
*	A2006612	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	37		37				
*	A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	27		27				
*	A2006820	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	22		22				
*	A2007064	TREE, MALUS PRAIRIE ROSE (PRAIRIE ROSE CRABAPPLE), 1-1/2" CALIPER, LOW-BRANCHED, BALLE	EACH	31		31				
*	A2007112	TREE, QUERCUS RUBRA (RED OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11		11				
*	A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	33		33				
*	A2C02501	TREE, CERCIS CANADENSIS (RED BUD), 1" CALIPER, CONTAINER GROWN	EACH	34		34				
*	A2C05600	TREE, OSTRYA VIRGINIANA (IRONWOOD), 1" CALIPER, CONTAINER GROWN	EACH	13		13				
*	B2000768	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERR	EACH	56		56				
*	D2001872	EVERGREEN, PICEA GLAUCA (WHITE SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	34		34				
*	D2002172	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	35		35				
*	D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	38		38				
*	K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	59		59				
*	K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	28		28				
	X0321865	ANTI-GRAFFITI PROTECTION SYSTEM	SQ FT	8,238						8,238
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,152		1,152				
	X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	6,469		6,469				
	X5210110	HIGH LOAD MULTI-ROTATION BEARINGS, GUIDED EXPANSION, 200K	EACH	10					10	
	X5210160	HIGH LOAD MULTI-ROTATION BEARINGS, GUIDED EXPANSION, 450K	EACH	25					25	

PLOT SCALE: 1" = 100' FILE NAME: ...\\prpin-ABC-ht-soq-07.dgn USER NAME: mooleman PLOT DATE: 12/8/2011

DESIGNED - MAC	REVISD -
DRAWN - TMB	REVISD -
CHECKED - RMT	REVISD -
DATE - 10/23/2011	REVISD -



CITY OF ST. CHARLES

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 7 OF 9 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	10
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20	100% STATE	100% STATE	100% STATE		100% LOCAL
					0028	0001	0004	0021	0008	0043
*	X0325923	CONDUIT, FLEXIBLE NON-METALLIC, WEATHERPROOF, 1" DIAMETER	FOOT	42						42
*	X0326962	TRANSFORMER PLATFORM	SQ.YD.	1						1
	X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	1				1		
	X0327218	DETENTION BASIN OUTLET STRUCTURE	EACH	1		1				
	X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	214	107				107	
	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	2,295		1,348				947
*	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	3.2		3.2				
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9				9		
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1				1		
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	2		2				
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	12,534				12,534		
	X5051401	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1	L SUM	1	1					
	X5051402	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2	L SUM	1	1					
#	X5091725	BICYCLE RAILING (SPECIAL)	FOOT	4,600	4,600					
#	X5091730	BRIDGE FENCE RAILING (SPECIAL)	FOOT	100	100					
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18		18				
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1				1		
*	X8130110	JUNCTION BOX (SPECIAL)	EACH	2						2
*	X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	848				664		184
	XX000366	CLAY LINER	CU FT	68,780		68,780				
	XX005913	<i>Access</i> TEMPORARY CAUSEWAY	L SUM	1		1				
	XX005963	ANTI-GRAFFITI COATING	SQ FT	26,339						26,339
	XX005968	TURBIDITY CURTAIN	SQ YD	1,295		1,295				
	XX006722	TEMPORARY AGGREGATE BERM-COURSE AGGREGATE	TON	50		50				
	XX006723	TEMPORARY AGGREGATE BERM-RIPRAP	TON	110		110				
	XX006729	PERIMETER EROSION BARRIER, ROLLED EXCELSIOR	FOOT	500		500				
	XX007354	REMOVE, SALVAGE AND REPLACE FRAME AND GRATE	EACH	1				1		
	XX007605	LIMESTONE SCREENING SURFACE 3" (NEW PATHS)	SQ YD	2,720	2,720					
	XX008003	FORM LINER TEXTURED SURFACE (SPECIAL)	SQ FT	8,238				8,238		
	XX008287	BOARDWALK STRUCTURE	SQ FT	15,550	15,550					
	XX008423	PRECAST CONCRETE LAGGING	SQ FT	5,916					5,916	
	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	19,329		11,790		7,539		
	Z0007118	UNTREATED TIMBER LAGGING	SQ FT	5,916				5,916		
#	Z0007124	STEEL RAILING (SPECIAL)	FOOT	3,087				3,087		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1				
	Z0018010	DRAINAGE SCUPPERS, DS-33	EACH	13					13	
	Z0018800	DRAINAGE SYSTEM	L SUM	1					1	

PLOT SCALE: 1" = 100' FILE NAME: \\ppln-abc-sht-soq-08.dgn USER NAME: mcoleman PLOT DATE: 12/9/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 8 OF 9 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	11
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BIKE/PED TRAILS	ROADWAY	ROADWAY	SAFETY	BRIDGE	WATER MAIN ELEC. DISTRIB.
					CMAQ/ITEP/STP 80/20 0028	100% STATE 0001	100% STATE 0004	100% STATE 0021	0008	100% LOCAL 0043
*	XX008631	DRILL EXISTING MANHOLE OR HANDHOLE	EACH	12						12
	Z0019600	DUST CONTROL WATERING	UNIT	100		100				
	Z0022800	FENCE REMOVAL	FOOT	330			330			
	Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	2,171			2,171			
	Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2				2		
	Z0030340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2				2		
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	63				63		
*	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1				1		
	Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	1,483			1,483			
	Z0034393	MODULAR EXPANSION JOINT 9"	FOOT	73					73	
	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	1,117					1,117	
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	2,014		2,014				
	Z0076600	TRAINEES	HOUR	1,500						
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1				1		
*	X5610700	WATER MAIN REMOVAL	FOOT	435						435
	Z0077900	WOOD POST AND RAIL FENCE	FOOT	350			350			
	XX008616	HOT-MIX ASPHALT SURFACE COURSE, SPECIAL	SQ YD.	2,897	2,897					
	XX008617	RAIL BASE	FOOT	669				669		
*	XX008618	WATERMAIN, SPECIAL	L SUM	1						1
	XX008619	FURNISHING CABLE STAY SYSTEM	L SUM	1	1					
*	XX008620	BOARDWALK STRUCTURE (SPECIAL)	SQ FT	5,230	5,230					
*	XX008621	PRECAST CONCRETE PYLON TYPE A	EACH	18	18					
*	XX008622	PRECAST CONCRETE PYLON TYPE B	EACH	4	4					
*	XX008623	BRIDGE PYLON FACE LIGHT	EACH	22						22
*	81026464	CONDUIT ENCASED, REINFORCED CONCRETE, 6" DIA., PVC 3 WIDE X 4 HIGH	FOOT	2,057						2,057
*	XX008624	ELECTRICAL MANHOLE, TYPE I, SPECIAL	EACH	4						4
*	XX008625	ELECTRICAL MANHOLE, TYPE II, SPECIAL	EACH	3						3
	XX008626	TEMPORARY BRIDGE	L SUM	1					1	
*	XX008627	^{WATERMAIN} DUCTILE IRON WITHIN 24" CASING PIPE, OPEN CUT, 12"	FOOT	50						50
*	XX008628	^{WATERMAIN} DUCTILE IRON WITHIN 30" CASING PIPE, OPEN CUT, 16"	FOOT	100						100
	XX008629	HAUL ROAD - EAST	L SUM	1		1				
	XX008630	HAUL ROAD - WEST	L SUM	1		1				

• • CONSTRUCTION TYPE CODE 0042

PLOT SCALE: 1:1
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FILE NAME =	DESIGNED - MAC	REVISED -
... \prpln-ABC-sht-soq-09.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 12/8/2011	DATE = 10/23/2011	REVISED -



CITY OF ST. CHARLES

SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-0092-00-BR	KANE	440	12
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

REMOVAL SCHEDULE							
ITEM DESCRIPTION	HOT-MIX ASPHALT SURFACE REMOVAL, 2" (SQ. YD)	DRIVEWAY PAVEMENT REMOVAL (SQ. YD)	COMBINATION CURB AND GUTTER REMOVAL (FT.)	PAVED SHOULDER REMOVAL (SQ. YD)	REMOVAL OF EXISTING STRUCTURES	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL, 15"
PAY ITEM NUMBER	44000157	44000200	44000500	44004250	50100100	50105220	55100700
RED GATE ROAD							
BOP TO STA. 98+00.00	989	-	-	89	-	-	-
STA. 98+00.00 TO STA. 104+00.00	792	-	-	127	-	-	-
IL-31							
STA. 202+44.00 TO STA. 207+00.00	1759	-	-	371	-	-	-
STA. 207+00.00 TO STA. 213+00.00	2873	-	-	715	-	-	-
STA. 213+00.00 TO STA. 218+70.00	1860	-	-	656	-	-	-
IL - 25							
STA. 301+40.00 TO STA. 306+00.00	1348	-	921	-	2	-	280
STA. 306+00.00 TO STA. 312+00.00	1797	86.9	890	64	4	51	390
STA. 312+00.00 TO STA. 315+62.00	1116	72.5	-	340	-	100	-

EROSION AND SEDIMENT CONTROL SCHEDULE								
ITEM DESCRIPTION	MULCH, METHOD 2 (ACRE)	TEMPORARY DITCH CHECKS (EACH)	PERIMETER EROSION BARRIER (FOOT)	INLET FILTERS (EACH)	STONE RIPRAP, CLASS A3 (SQ. YD)	STONE RIPRAP, CLASS A4 (SQ. YD)	FILTER FABRIC (SQ. YD)	STABILIZED CONSTRUCTION ENTRANCE (SQ. YD)
PAY ITEM NUMBER	25100115	28000300	28000400	28000510	28100105	28100107	28200200	X0322671
RED GATE ROAD								
BOP TO STA. 98+00.00	0.31	-	-	-	-	-	-	-
STA. 98+00.00 TO STA. 104+00.00	0.52	-	679	5	-	35	-	576
STA. 104+00.00 TO STA. 110+00.00	0.66	-	1231	8	-	-	-	-
STA. 110+00.00 TO STA. 116+00.00	0.24	-	387	-	-	-	-	-
STA. 116+00.00 TO STA. 122+00.00	1.36	-	1242	8	-	-	-	-
STA. 122+00.00 TO STA. 128+00.00	0.27	-	1209	3	-	-	-	576
STA. 128+00.00 TO EOP	0.22	-	814	9	-	-	-	-
IL-31								
STA. 202+44.00 TO STA. 207+00.00	0.73	4	-	-	32	-	-	-
STA. 207+00.00 TO STA. 213+00.00	0.50	7	485	-	-	-	-	-
STA. 213+00.00 TO STA. 218+70.00	0.40	5	1095	-	38	-	-	-
IL - 25								
STA. 301+40.00 TO STA. 306+00.00	0.46	-	649	-	-	27	27	-
STA. 306+00.00 TO STA. 312+00.00	0.77	-	279	7	19	-	-	-
STA. 312+00.00 TO STA. 315+62.00	0.59	-	737	8	57	-	-	-

PLOT SCALE: 1/8" = 1'-0" (1/4" = 1'-0")
 FILE NAME: ...\\prp1n-abc-sht-schedule-01.dgn
 USER NAME: tblank
 PLDT DATE: 11/29/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES			
SCALE: NTS	SHEET NO. 1 OF 16 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	13
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

ROADWAY SCHEDULE						
ITEM DESCRIPTION	SUB-BASE GRANULAR MATERIAL, TYPE B 12" (SQ. YD)	HOT-MIX ASPHALT BASE COURSE, 10" (SQ. YD)	HOT-MIX ASPHALT BASE COURSE, 12" (SQ. YD)	HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (SQ. YD)	HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SQ. YD)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)
PAY ITEM NUMBER	31101810	35501324	35501332	35600716	35600724	40300100
RED GATE ROAD						
BOP TO STA. 98+00.00	253	-	-	-	-	114
STA. 98+00.00 TO STA. 104+00.00	3420	-	-	-	-	103
STA. 104+00.00 TO STA. 110+00.00	2414	-	-	-	-	-
STA. 110+00.00 TO STA. 116+00.00	-	-	-	-	-	-
STA. 116+00.00 TO STA. 122+00.00	300	-	-	-	-	-
STA. 122+00.00 TO STA. 128+00.00	2242	-	-	-	-	-
STA. 128+00.00 TO EOP	2944	-	-	-	-	-
IL-31						
STA. 202+44.00 TO STA. 207+00.00	1232	219	-	96	-	265
STA. 207+00.00 TO STA. 213+00.00	1202	1330	-	79	-	619
STA. 213+00.00 TO STA. 218+70.00	1508	-	-	367	-	297
IL - 25						
STA. 301+40.00 TO STA. 306+00.00	690	-	-	-	324	231
STA. 306+00.00 TO STA. 312+00.00	1479	-	1277	-	471	505
STA. 312+00.00 TO STA. 315+62.00	768	-	426	-	60	297

PLOT SCALE: 1/8" = 1'-0" (1/8" = 1'-0")
 FILE NAME = ...\\ppln-abc-sht-schedule-02.dgn
 USER NAME = mcolemm
 PLOT DATE = 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\ppln-abc-sht-schedule-02.dgn	DRAWN - TMB	REVISED -
USER NAME = mcolemm	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 2 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	14
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

ROADWAY SCHEDULE							
ITEM DESCRIPTION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (TON)	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (SQ. YD)	CLASS D PATCHES, TYPE II, 14 INCH (SQ. YD)	HOT-MIX ASPHALT SHOULDERS, 8" (SQ. YD)	PROTECTIVE COAT (SQ. YD)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)
PAY ITEM NUMBER	40603340	40603595	42000501	44201815	48203029	48301000	60605000
RED GATE ROAD							
BOP TO STA. 98+00.00	128.0	-	-	-	-	-	248.6
STA. 98+00.00 TO STA. 104+00.00	114.4	-	1585	-	-	3170	887.9
STA. 104+00.00 TO STA. 110+00.00	-	-	2004	-	-	4008	854.8
STA. 110+00.00 TO STA. 116+00.00	-	-	-	-	-	-	-
STA. 116+00.00 TO STA. 122+00.00	-	-	236	-	-	472	-
STA. 122+00.00 TO STA. 128+00.00	-	-	1891	-	-	3782	-
STA. 128+00.00 TO EOP	-	-	1916	-	-	3832	762.0
IL-31							
STA. 202+44.00 TO STA. 207+00.00	229.6	-	-	-	407.9	-	-
STA. 207+00.00 TO STA. 213+00.00	490.4	-	-	-	633.9	-	255.8
STA. 213+00.00 TO STA. 218+70.00	245.3	-	-	-	506.9	-	-
IL - 25							
STA. 301+40.00 TO STA. 306+00.00	-	185.9	-	13	-	-	920.0
STA. 306+00.00 TO STA. 312+00.00	-	397.4	-	25	-	-	1040.0
STA. 312+00.00 TO STA. 315+62.00	-	214.6	-	-	-	-	713.0

PLOT SCALE: 1/4" = 100' (1/8" = 50')
 FILE NAME: ...\\ppln-abc-sht-schedule-83.dgn
 USER NAME: mcoleman
 PLOT DATE: 11/18/2011

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE ID	STATION	OFFSET	54213660	54247100	60200805	60201340	60207605	60218400
			FLARED END SECTION - 15"	GRATING FOR CONCRETE FLARED END SECTION - 15"	CB TA 4' DIA TY 8	CB TA 4' DIA W/ T24 F&G	CB TC TY 8	MH TY A 4' DIA W/ T1 F&L CL
			EACH	EACH	EACH	EACH	EACH	EACH

IL ROUTE 25

A-1	303+83.00	19.4					1	
A-15	306+43.00	14.4						1
A-16	304+13.00	33.0			1			
A-2	303+82.00	-19.4				1		
A-3	306+43.00	20.0				1		
A-4	306+43.00	-20.0				1		
A-5	309+42.00	20.0				1		
A-6	309+42.00	14.0						1
A-7	309+42.00	-22.9				1		
B-25	310+24.36	-47.7				1		
B-15	311+32.00	-55.4				1		
A-8	311+47.00	20.0				1		
A-9	311+47.00	34.3			1			
B-16	311+65.00	-18.0						1
G-3	311+66.50	30.8	1	1				
B-18	312+00.00	-29.7				1		
B-17	312+00.00	-16.0						1
G-4	312+01.00	30.8	1	1				
A-11	312+50.00	18.6				1		
A-12	312+50.00	35.0					1	
G-5	312+90.00	32.7	1	1				
B-19	313+00.00	-15.0						1
B-20	313+00.00	-27.5				1		
G-6	313+10.00	30.0	1	1				
A-13	313+50.00	16.4				1		
B-21	313+80.00	-14.0						1
B-22	314+00.00	-30.8				1		

RED GATE ROAD

E-1	98+67.14	35.5			1			
E-2	98+93.20	35.5					1	
D-18	101+00.02	26.3				1		
D-16	102+00.00	21.0				1		
D-13	103+00.00	-36.5						1
D-14	103+00.00	21.0				1		
D-11	104+00.00	-36.5						1
D-12	104+00.00	21.0				1		
D-24	104+50.00	38.0			1			
D-10	105+00.00	21.0				1		
D-22	105+00.00	39.4			1			
D-9	105+00.00	-27.5						1
D-7	106+00.00	-24.5						1
D-8	106+00.00	20.8				1		
D-3	107+00.00	-26.0						1
D-4	107+00.00	-18.3				1		
D-5	107+00.00	18.2				1		
D-6	107+36.00	17.4				1		
D-0	107+92.00	-42.8	1	1				
D-1	108+00.00	-23.0						1
D-2	108+00.00	-15.7				1		
D-19	108+92.00	-23.0						1
D-20	109+00.00	-15.0				1		
C-14	121+22.00	-15.0				1		
C-15	121+32.00	20.0						1
C-13	121+38.00	13.0				1		
C-5	121+59.63	15.0				1		
C-8	121+59.63	-15.0				1		
C-4	121+74.63	15.0				1		
C-7	121+74.63	-15.0				1		
C-3	121+77.00	22.0						1
C-34	121+80.00	43.0						1
C-10	121+88.00	98.0	1	1				

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE ID	STATION	OFFSET	54213660	54247100	60200805	60201340	60207605	60218400
			FLARED END SECTION - 15"	GRATING FOR CONCRETE FLARED END SECTION - 15"	CB TA 4' DIA TY 8	CB TA 4' DIA W/ T24 F&G	CB TC TY 8	MH TY A 4' DIA W/ T1 F&L CL
			EACH	EACH	EACH	EACH	EACH	EACH
C-6	121+89.63	15.0				1		
C-9	121+89.63	-15.0				1		
C-16	122+70.00	15.1				1		
C-17	122+70.00	-15.0				1		
C-18	122+55.00	18.5						1
B-3	127+00.00	46.0						1
B-4	127+00.00	-15.0				1		
B-5	128+00.00	46.0						1
B-6	128+00.00	-14.6				1		
B-7	128+90.00	46.0						1
B-8	128+97.00	42.0				1		
B-9	129+93.00	46.0						1
B-10	130+00.00	42.0				1		
B-11	130+00.00	-14.0				1		
B-12	130+92.00	46.0						1
B-13	131+00.00	42.0				1		
B-14	131+00.00	-14.0				1		
B-23	131+55.00	43.2				1		

IL ROUTE 31

F-0	206+55.81	29.5	1	1				
F-1	206+55.81	33.9	1	1				
F-2	214+45.00	37.0	1	1				
F-3	213+87.00	39.0	1	1				
F-4	215+40.00	39.0	1	1				

PINELANDS ROAD

PL-1	801+24.00	35.0	1	1				
PL-2	800+80.00	25.0	1	1				
TOTAL			13	13	5	43	2	22

DRAINAGE SCHEDULE

STATION	STRUCTURE ID	OFFSET	XX004254
			FRAMES AND GRATES TO BE REPLACED
			EACH
303+82.63	EX-CB2	14.0	1
TOTAL			1

DRAINAGE SCHEDULE

STATION	54248510
	CONCRETE COLLAR CU YD
215+80.70	1
TOTAL 1	

PLOT SCALE: 1"=40' (1"=80' FOR DRIVE) PLOT SIZE: 11" X 17" (11" X 17" FOR DRIVE) PLOT DATE: 11/29/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\ppln-abc-sht-schedule-04.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/29/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 4 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	16
CONTRACT NO. 63650				
[ILLINOIS] FED. AID PROJECT				

DRAINAGE PIPE SCHEDULE

PIPE NO.	FROM STRUCTURE NO.	TO STRUCTURE NO.	550A0070	550A0340	550A0360	550A0380	550A2530	550A2540	Z0056608	20800150	20800250
			STORM SEWERS, CLASS A, TYPE 1 1/2"	STORM SEWERS, CLASS A, TYPE 2 1/2"	STORM SEWERS, CLASS A, TYPE 2 1/2"	STORM SEWERS, CLASS A, TYPE 2 1/2"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2" **	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2" **	STORM SEWER (WATER MAIN REQUIREMENTS) 12" **	TRENCH BACKFILL	TRENCH BACKFILL, SPECIAL
			(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(CU YD)	(CU YD)	
B-3	B-3	B-1							81		56.4
B-4	B-4	B-3							57		39.7
B-5	B-5	B-3							102		87.3
B-6	B-6	B-5							57		41.5
B-7	B-7	B-5							89		79.0
B-8	B-8	B-7							4		3.0
B-9	B-9	B-7							99		91.2
B-10	B-10	B-9							4		3.2
B-11	B-11	B-10							52		18.8
B-12	B-12	B-9							95		90.5
B-13	B-13	B-12							5		4.6
B-14	B-14	B-13							52		42.8
B-15	B-15	B-14							98		37.5
B-16	B-16	B-15		46						10.9	
B-17	B-17	B-16		31						4.7	
B-18	B-18	B-17		10						1.3	
B-19	B-19	B-17		95						14.4	
B-20	B-20	B-19		8						1.1	
B-21	B-21	B-19		76						19.5	
B-22	B-22	B-21		22						6.1	
B-23	B-23	B-12							59		48.6
B-25	B-25	B-23							41		28.5
C-4	C-4	C-3							3		2.5
C-5	C-5	C-4							11		7.7
C-6	C-6	C-4							11		7.0
C-7	C-7	C-4							26		16.4
C-8	C-8	C-7							11		4.2
C-9	C-9	C-7							11		4.2
C-13	C-13	C-15							5		1.8
C-14	C-14	C-15							32	32.0	11.6
C-15	C-15	C-3					40				5.3
C-16	C-16	C-18							11		7.0
C-17	C-17	C-16							26		16.4
C-18	C-18	C-3							73		21.8
C-3	C-3	C-34							17		
C-34	C-34	C-10						54			
D-1	D-1	D-0						19			1.5
D-2	D-2	D-1							3		1.0
D-3	D-3	D-1					96				22.7
D-4	D-4	D-3							4		1.2
D-5	D-5	D-4							32		20.2
D-6	D-6	D-5							32		12.3
D-7	D-7	D-3					96				36.8
D-8	D-8	D-7							41		29.8
D-9	D-9	D-7							99		97.5
D-10	D-10	D-9					45				37.7
D-11	D-11	D-9							102		26.2
D-12	D-12	D-11							54		40.3
D-13	D-13	D-11							102		90.6
D-14	D-14	D-13							54		38.6
D-16	D-16	D-15							112		61.0
D-18	D-18	D-17							94		15.7
D-19	D-19	D-1							84		29.0
D-20	D-20	D-19							7		3.2
D-22	D-22	D-10							14		2.4
D-24	D-24	D-22							43		
E-2	E-2	E-1							22		3.0
F-1	F-0	F-1	70								
F-2	F-2	F-3	58								
F-4	CONNECT TO EX	F-4	42								

PIPE NO.	FROM STRUCTURE NO.	TO STRUCTURE NO.	550A0070	550A0340	550A0360	550A0380	550A2530	550A2540	Z0056608	20800150	20800250
			STORM SEWERS, CLASS A, TYPE 1 1/2"	STORM SEWERS, CLASS A, TYPE 2 1/2"	STORM SEWERS, CLASS A, TYPE 2 1/2"	STORM SEWERS, CLASS A, TYPE 2 1/2"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2" **	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2" **	STORM SEWER (WATER MAIN REQUIREMENTS) 12" **	TRENCH BACKFILL	TRENCH BACKFILL, SPECIAL
			(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(CU YD)	(CU YD)
G-3	G-4	G-3	35								4.6
G-5	G-6	G-5	20								2.6
P-1	A-1	EXMH-2			2						0.3
P-11	A-11	A-8				100					38.3
P-12	A-12	A-11		12							1.8
P-13	A-13	A-11			97						14.7
P-16	A-16	A-1		29							4.4
P-2	A-2	EXMH-2			29						3.8
P-3	A-3	A-15		2							0.3
P-4	A-4	A-15		30							4.6
P-5	A-6	A-15				295					69.6
P-6	A-5	A-6		2							0.3
P-7	A-7	A-6		33							6.4
P-8	A-8	A-6				203					73.5
P-9	A-9	A-8		10							2.6
PL-1	PL-1	PI-2	45								
TOTAL			270	406	128	598	294	73	2014	318	1349

**NOTE

550A2530 - STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2" APPEARS IN PLANS AS 15" RCCP RG TY 2
 550A2540 - STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 1/2" APPEARS IN PLANS AS 18" RCCP RG TY 2
 Z0056608 - STORM SEWER (WATER MAIN REQUIREMENTS) 12" APPEARS IN PLANS AS 12" PVC

PLOT SCALE: 1/8" = 1'-0"
 ...\\prp\In-ABC-sht\schedule-05.dgn
 USER NAME = tblank
 PLOT DATE = 11/29/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\prp\In-ABC-sht\schedule-05.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/29/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS	SHEET NO. 5 OF 16 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				04-00092-00-BR	KANE	440	17
						CONTRACT NO. 63650	
(ILLINOIS) FED. AID PROJECT							

TEMPORARY CONCRETE BARRIER SCHEDULE

LOCATION		OS	STAGE	70400100	70400200
FROM STA	TO STA			TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER
301+75	311+49	10.5 RT	Stage 1	978.28	
311+53	314+48	8.40 LT	Stage 2		295
TOTAL				979	295

TEMPORARY PAVEMENT MARKING

STAGE	X7030025	X7030030	X7030040	X7030050	X7030055
	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH
STAGE 1	73.00	12631.00	895.00	553.00	20.00
STAGE 2	109.00	14026.00	1123.00	331.00	65.00
TOTAL	182	26657	2018	884	85

TEMPORARY INFORMATION SIGNING SCHEDULE

SIGN NAME	AREA (EACH)	QUANTITY	QUANTITY (SQ FT)
DRIVEWAY	6.25	10	62.5
TOTAL			63

IMPACT ATTENUATOR SCHEDULE

STA	OS	STAGE	Z0030240	Z0030340
			IMPACT ATTENUATORS, TEMPORARY	IMPACT ATTENUATORS, RELOCATE
301+75	10.35 RT	Stage 1	1	
311+49	9.5 RT	Stage 1	1	
311+52	8.51 LT	Stage 2		1
314+49	10 LT	Stage 2		1
TOTAL			2	2

TEMPORARY ACCESS SCHEDULE

Location	Station	OFFSET	STAGE	X4021000	X4022000
				TEMPORARY ACCESS (PRIVATE ENTRANCE)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
				(EACH)	(EACH)
IL 25	31170	16.3 RT	1	1	
IL 25	31198	15.8 RT	1	1	
IL 25	31297	19.4 RT	1	1	
IL 25	31404	18.7 RT	1	1	
IL31	20917	23.7 RT	1	1	
IL31	21609	25.2 RT	1	1	
IL 25	31637	16.5 LT	2	1	
IL31	21490	18 LT	2	1	
IL 31	21600	30 LT	2	1	
IL 25	309+06	20.7 LT	2		1
TOTAL				9	1

PLOT SCALE: 1/8" = 1'-0" (1/8" = 1'-0")
 FILE NAME: ...\\pripin-abc-sht-schedule-26.dgn
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\pripin-abc-sht-schedule-26.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 6 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	18
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

EARTHWORK SCHEDULE

(1) LOCATION	(2) EARTH EXCAVATION	(3) UNSUITABLE OR UNSTABLE MATERIAL	(4) EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SCHRINKAGE	(5) EMBANKMENT	(6) EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	(7) TOPSOIL EXCAVATION	(8) TOPSOIL PLACE
RED GATE ROAD							
STA. 96+00.00 TO STA. 109+10.81	2,593	0	2,204	2,156	48	0	379
STA. 121+00.00 TO STA. 124+51.12	0	0	0	397	-397	0	98
STA. 126+16.12 TO STA. 132+00.00	0	0	0	585	-585	0	147
IL 31							
STA. 201+50.00 TO STA. 209+50.00	1,113	0	946	551	395	929	373
STA. 210+50.00 TO STA. 218+50.00	995	0	846	432	414	652	238
IL 25							
STA. 301+50.00 TO STA. 310+00.00	2,096	0	1,782	287	1,495	668	354
STA. 311+50.00 TO STA. 315+00.00	359	90	306	621	-315	345	203
PINELANDS							
STA. 800+00.00 TO STA. 801+00.00	15	0	13	159	-146	53	20
TOTAL	7,172	90	6,097	5,189	908	2,647	1,812

PLOT SCALE: 1/4" = 100' PLOT DATE: 11/10/2011
 FILE NAME: ...\\prpln-abc-sht-schedule-07.dgn
 USER NAME: mooleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\prpln-abc-sht-schedule-07.dgn	DRAWN - TMB	REVISED -
USER NAME = mooleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES			
SCALE: NTS	SHEET NO. 7 OF 16 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	19
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

EARTH EXCAVATION ---- RED GATE ROAD

STATION	CUT END AREA (SF)	FILL END AREA (SF)	CUT AVERAGE END AREA (SF)	FILL AVERAGE END AREA (SF)	LENGTH (FT)	EXCAVATION (CUT) VOLUME (CU YD)	EMBANKMENT (FILL) VOLUME (CU YD)	CUMULATIVE EXCAVATION VOLUME (CU YD)	CUMULATIVE EMBANKMENT VOLUME (CU YD)
96+00.00	7.66	0.12							
96+50.00	13.94	0.00	10.80	0.06	50.00	20.00	0.11	20.00	0.11
97+00.00	19.33	0.00	16.64	0.00	50.00	30.81	0.00	50.81	0.11
97+50.00	26.14	0.00	22.74	0.00	50.00	42.10	0.00	92.91	0.11
98+00.00	27.00	0.00	26.57	0.00	50.00	49.20	0.00	142.11	0.11
98+50.00	42.87	0.00	34.94	0.00	50.00	64.69	0.00	206.81	0.11
99+00.00	48.43	0.00	45.65	0.00	50.00	84.54	0.00	291.34	0.11
99+50.00	78.10	0.00	63.27	0.00	50.00	117.16	0.00	408.50	0.11
100+00.00	169.12	0.00	123.61	0.00	50.00	228.90	0.00	637.41	0.11
100+50.00	0.00	227.61	84.56	113.81	50.00	156.59	210.75	793.99	210.86
101+00.00	0.34	300.36	0.17	263.99	50.00	0.31	488.86	794.31	699.72
101+50.00	93.04	5.38	46.69	152.87	50.00	86.46	283.09	880.77	982.82
102+00.00	93.02	5.07	93.03	5.23	50.00	172.28	9.68	1053.05	992.49
102+50.00	92.47	5.24	92.75	5.16	50.00	171.75	9.55	1224.80	1002.04
103+00.00	88.61	6.47	90.54	5.86	50.00	167.67	10.84	1392.47	1012.88
103+50.00	76.47	10.66	82.54	8.57	50.00	152.85	15.86	1545.32	1028.74
104+00.00	64.34	14.60	70.41	12.63	50.00	130.38	23.39	1675.70	1052.13
104+50.00	49.26	18.20	56.80	16.40	50.00	105.19	30.37	1780.88	1082.50
105+00.00	32.58	15.06	40.92	16.63	50.00	75.78	30.80	1856.66	1113.30
105+50.00	23.43	14.25	28.01	14.66	50.00	51.86	27.14	1908.52	1140.44
106+00.00	18.54	16.60	20.99	15.43	50.00	38.86	28.56	1947.38	1169.00
106+50.00	12.48	18.71	15.51	17.66	50.00	28.72	32.69	1976.11	1201.70
107+00.00	6.37	22.62	9.43	20.67	50.00	17.45	38.27	1993.56	1239.97
107+50.00	0.77	27.59	3.57	25.11	50.00	6.61	46.49	2000.17	1286.46
108+00.00	313.11	41.23	156.94	34.41	50.00	290.63	63.72	2290.80	1350.18
108+50.00	6.36	26.07	159.74	33.65	50.00	295.81	62.31	2586.61	1412.49
109+00.00	0.15	425.30	3.26	225.69	50.00	6.03	417.94	2592.63	1830.43
109+10.81	0.22	519.45	0.19	472.38	10.81	0.07	189.12	2592.71	2019.55
109+25.00	0.00	0.00	0.11	259.73	14.19	0.06	136.50	2592.77	2156.05

BRIDGE OMISSION

PLOT SCALE: 1/8" = 1'-0" (SEE DRAWING FOR FULL SIZE) FILE NAME: ... \p\pln-ABC-sht-schedule-08.dgn USER NAME: mcoleman PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
... \p\pln-ABC-sht-schedule-08.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 8 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	20
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

EARTH EXCAVATION ---- RED GATE ROAD

STATION	CUT END AREA (SF)	FILL END AREA (SF)	CUT AVERAGE END AREA (SF)	FILL AVERAGE END AREA (SF)	LENGTH (FT)	EXCAVATION (CUT) VOLUME (CU YD)	EMBANKMENT (FILL) VOLUME (CU YD)	CUMULATIVE EXCAVATION VOLUME (CU YD)	CUMULATIVE EMBANKMENT VOLUME (CU YD)
121+00.00	0.00	0.00							
121+22.24	0.00	40.19	0.00	20.10	22.24	0.00	16.55	2592.77	2172.61
121+50.00	0.00	29.23	0.00	34.71	27.76	0.00	35.69	2592.77	2208.29
122+00.00	0.00	29.23	0.00	29.23	50.00	0.00	54.13	2592.77	2262.42
122+50.00	0.00	25.75	0.00	27.49	50.00	0.00	50.91	2592.77	2313.33
123+00.00	0.00	29.22	0.00	27.49	50.00	0.00	50.90	2592.77	2364.23
123+50.00	0.00	29.22	0.00	29.22	50.00	0.00	54.11	2592.77	2418.34
124+00.00	0.00	29.22	0.00	29.22	50.00	0.00	54.11	2592.77	2472.45
124+50.00	0.00	55.40	0.00	42.31	50.00	0.00	78.35	2592.77	2550.80
124+51.12	0.00	56.56	0.00	55.98	1.12	0.00	2.32	2592.77	2553.12
BRIDGE OMISSION									
126+16.12	0.36	29.53							
126+50.00	0.00	26.87	0.18	28.20	33.88	0.23	35.39	2592.99	2588.51
127+00.00	0.00	26.86	0.00	26.87	50.00	0.00	49.75	2592.99	2638.26
127+50.00	0.00	27.58	0.00	27.22	50.00	0.00	50.41	2592.99	2688.67
128+00.00	0.00	32.13	0.00	29.86	50.00	0.00	55.29	2592.99	2743.95
128+50.00	0.00	27.92	0.00	30.03	50.00	0.00	55.60	2592.99	2799.56
129+00.00	0.00	27.61	0.00	27.77	50.00	0.00	51.42	2592.99	2850.97
129+50.00	0.00	28.89	0.00	28.25	50.00	0.00	52.31	2592.99	2903.29
130+00.00	0.00	29.69	0.00	29.29	50.00	0.00	54.24	2592.99	2957.53
130+50.00	0.00	29.69	0.00	29.69	50.00	0.00	54.98	2592.99	3012.51
131+00.00	0.00	29.69	0.00	29.69	50.00	0.00	54.98	2592.99	3067.49
131+50.00	0.00	23.46	0.00	26.58	50.00	0.00	49.21	2592.99	3116.70
132+00.00			0.00	11.73	50.00	0.00	21.72	2592.99	3138.43

PLOT SCALE: 1/4" = 10'-0" (1/8" = 10'-0") FILE NAME: ... \p\in-ABC-sht-schedule-29.dgn USER NAME: mbolemo PLOT DATE: 11/12/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 9 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	21
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

EARTH EXCAVATION ---- IL 31

STATION	CUT END AREA (SF)	FILL END AREA (SF)	CUT AVERAGE END AREA (SF)	FILL AVERAGE END AREA (SF)	LENGTH (FT)	EXCAVATION (CUT) VOLUME (CU YD)	EMBANKMENT (FILL) VOLUME (CU YD)	CUMULATIVE EXCAVATION VOLUME (CU YD)	CUMULATIVE EMBANKMENT VOLUME (CU YD)
201+50.00	0.02	8.95							
202+00.00	0.00	11.30	0.01	10.13	50.00	0.01	18.75	0.01	18.75
202+50.00	23.20	11.30	11.60	11.30	50.00	21.48	20.93	21.50	39.68
203+00.00	59.00	17.00	41.10	14.15	50.00	76.11	26.20	97.61	65.88
203+50.00	43.50	11.80	51.25	14.40	50.00	94.91	26.67	192.51	92.55
204+00.00	54.40	6.50	48.95	9.15	50.00	90.65	16.94	283.16	109.49
204+50.00	59.20	4.50	56.80	5.50	50.00	105.19	10.19	388.35	119.68
205+00.00	73.00	3.90	66.10	4.20	50.00	122.41	7.78	510.76	127.45
205+50.00	54.40	1.20	63.70	2.55	50.00	117.96	4.72	628.72	132.18
206+00.00	51.20	0.20	52.80	0.70	50.00	97.78	1.30	726.50	133.47
206+50.00	30.90	3.90	41.05	2.05	50.00	76.02	3.80	802.51	137.27
207+00.00	44.50	2.40	37.70	3.15	50.00	69.81	5.83	872.33	143.10
207+50.00	29.60	21.70	37.05	12.05	50.00	68.61	22.31	940.94	165.42
208+00.00	22.10	34.30	25.85	28.00	50.00	47.87	51.85	988.81	217.27
208+50.00	15.00	38.80	18.55	36.55	50.00	34.35	67.69	1023.16	284.95
209+00.00	20.60	76.00	17.80	57.40	50.00	32.96	106.30	1056.13	391.25
209+50.00	41.10	96.90	30.85	86.45	50.00	57.13	160.09	1113.26	551.34

INTERSECTION OMISSION

PLOT SCALE: H: 1/8"=1'-0" V: 1/8"=1'-0" FILE NAME: ... \prpln-ABC-sht-schedule-18.dgn USER NAME: mcoleman PLOT DATE: 11/16/2011

FILE NAME *	DESIGNED - MAC	REVISED -
... \prpln-ABC-sht-schedule-18.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/16/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 10 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	22
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

EARTH EXCAVATION ---- IL 31

STATION	CUT END AREA (SF)	FILL END AREA (SF)	CUT AVERAGE END AREA (SF)	FILL AVERAGE END AREA (SF)	LENGTH (FT)	EXCAVATION (CUT) VOLUME (CU YD)	EMBANKMENT (FILL) VOLUME (CU YD)	CUMULATIVE EXCAVATION VOLUME (CU YD)	CUMULATIVE EMBANKMENT VOLUME (CU YD)
210+50.00	41.30	84.20							
211+00.00	35.30	49.00	38.30	66.60	50.00	70.93	123.33	1184.18	674.68
211+50.00	31.40	43.30	33.35	46.15	50.00	61.76	85.46	1245.94	760.14
212+00.00	28.00	25.90	29.70	34.60	50.00	55.00	64.07	1300.94	824.21
212+50.00	25.50	21.00	26.75	23.45	50.00	49.54	43.43	1350.48	867.64
213+00.00	28.00	10.20	26.75	15.60	50.00	49.54	28.89	1400.01	896.53
213+50.00	36.30	6.20	32.15	8.20	50.00	59.54	15.19	1459.55	911.71
214+00.00	31.40	3.20	33.85	4.70	50.00	62.69	8.70	1522.24	920.42
214+50.00	40.90	10.80	36.15	7.00	50.00	66.94	12.96	1589.18	933.38
215+00.00	48.30	6.30	44.60	8.55	50.00	82.59	15.83	1671.77	949.21
215+50.00	35.30	2.20	41.80	4.25	50.00	77.41	7.87	1749.18	957.08
216+00.00	24.50	4.30	29.90	3.25	50.00	55.37	6.02	1804.55	963.10
216+50.00	27.40	1.00	25.95	2.65	50.00	48.06	4.91	1852.61	968.01
217+00.00	28.40	2.70	27.90	1.85	50.00	51.67	3.43	1904.27	971.44
217+50.00	27.70	0.80	28.05	1.75	50.00	51.94	3.24	1956.22	974.68
218+00.00	31.50	3.40	29.60	2.10	50.00	54.81	3.89	2011.03	978.56
218+50.00	73.90	2.10	52.70	2.75	50.00	97.59	5.09	2108.63	983.66

PLOT SCALE: 1/4" = 100' (1/8" = 50')
 FILE NAME = ...\\orpln-abc-sht-schedule-11.dgn
 USER NAME = mcoleman
 PLOT DATE = 11/12/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 11 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	23
CONTRACT NO. 63650				
[ILLINOIS] FED. AID PROJECT				

EARTH EXCAVATION ---- IL 25									
STATION	CUT END AREA (SF)	FILL END AREA (SF)	CUT AVERAGE END AREA (SF)	FILL AVERAGE END AREA (SF)	LENGTH (FT)	EXCAVATION (CUT) VOLUME (CU YD)	EMBANKMENT (FILL) VOLUME (CU YD)	CUMULATIVE EXCAVATION VOLUME (CU YD)	CUMULATIVE EMBANKMENT VOLUME (CU YD)
301+50.00	4.96	29.41							
302+00.00	8.96	50.07	6.96	39.74	50.00	12.89	73.59	12.89	73.59
302+50.00	14.11	54.97	11.54	52.52	50.00	21.36	97.26	34.25	170.85
303+00.00	18.21	24.97	16.16	39.97	50.00	29.93	74.02	64.18	244.87
303+50.00	23.48	4.09	20.85	14.53	50.00	38.60	26.91	102.78	271.78
304+00.00	60.79	0.12	42.14	2.11	50.00	78.03	3.90	180.81	275.68
304+50.00	87.34	0.00	74.07	0.06	50.00	137.16	0.11	317.96	275.79
305+00.00	88.24	0.00	87.79	0.00	50.00	162.57	0.00	480.54	275.79
305+50.00	93.77	0.00	91.01	0.00	50.00	168.53	0.00	649.06	275.79
306+00.00	90.20	0.00	91.99	0.00	50.00	170.34	0.00	819.41	275.79
306+50.00	89.82	0.00	90.01	0.00	50.00	166.69	0.00	986.09	275.79
307+00.00	83.71	0.00	86.77	0.00	50.00	160.68	0.00	1146.77	275.79
307+50.00	80.14	5.89	81.93	2.95	50.00	151.71	5.45	1298.48	281.24
308+00.00	80.21	0.13	80.18	3.01	50.00	148.47	5.57	1446.95	286.81
308+50.00	75.43	0.07	77.82	0.10	50.00	144.11	0.19	1591.06	287.00
309+00.00	76.94	0.08	76.19	0.08	50.00	141.08	0.14	1732.15	287.14
309+50.00	87.45	0.05	82.20	0.07	50.00	152.21	0.12	1884.36	287.26
310+00.00	141.26	0.11	114.36	0.08	50.00	211.77	0.15	2096.13	287.41
INTERSECTION OMISSION									
311+50.00	72.76	117.02							
312+00.00	17.65	35.77	45.21	76.40	50.00	83.71	141.47	2179.84	428.88
312+50.00	22.13	31.01	19.89	33.39	50.00	36.83	61.83	2216.68	490.71
313+00.00	15.75	18.73	18.94	24.87	50.00	35.07	46.06	2251.75	536.77
313+50.00	48.92	2.00	32.34	10.37	50.00	59.88	19.19	2311.63	555.96
314+00.00	22.09	110.43	35.51	56.22	50.00	65.75	104.10	2377.38	660.06
314+50.00	15.76	66.66	18.93	88.55	50.00	35.05	163.97	2412.43	824.04
315+00.00	30.89	24.11	23.33	45.39	50.00	43.19	84.05	2455.62	908.08

PLOT SCALE: 1/4" = 10' FILE NAME: ... \ppln-ABC-sht-schedule-12.dgn USER NAME: mooleman PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
... \ppln-ABC-sht-schedule-12.dgn	DRAWN - TMB	REVISED -
USER NAME = mooleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES			
SCALE: NTS	SHEET NO. 12 OF 16 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	24
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

WATER MAIN RIVER CROSSING														
TRENCH BACKFILL, SPECIAL	TRENCH BACKFILL	DUCTILE IRON WATER MAIN		DUCTILE IRON WATER MAIN WITHIN CASING PIPE - OPEN CUT		DUCTILE IRON PIPE IN CASING OPTION ALT A	HDPE PIPE RIVER CROSSING OPTION ALT B	WATER VALVE GATE	VALVE VAULT	TAPPING VALVES AND SLEEVES	FIRE HYDRANT AND VALVE	REMOVE WATER MAIN		
20800250	20800150							56105200	56105300	60249120	56109100	56109200	56400710	
		12"	16"	12"	16"			12"	16"	5'	12"	16"		
(CU YD)	(CU YD)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(LUMP SUM)	(LUMP SUM)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)	
318	4891	3518	1598	50	100			5	6	13	1	1	10	415
	691	Note: For DUCTILE IRON PIPE IN CASING OPTION												

PLOT SCALE: 1/4" = 10' (FULL SIZE)
 ...\\p1n-abc-sht-schedule-13.dgn
 USER NAME = mooleman
 PLOT DATE = 11/12/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\p1n-abc-sht-schedule-13.dgn	DRAWN - TMB	REVISED -
USER NAME = mooleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/12/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET NO. 13 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	25
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

TOPSOIL EXCAVATION AND PLACEMENT ---- IL 25									
STATION	TOPSOIL EXCAVATION END AREA (SF)	TOPSOIL PLACEMENT END AREA (SF)	TOPSOIL EXCAVATION AVERAGE END AREA (SF)	TOPSOIL PLACEMENT AVERAGE END AREA (SF)	LENGTH (FT)	TOPSOIL EXCAVATION (FILL) VOLUME (CU YD)	TOPSOIL PLACEMENT (FILL) VOLUME (CU YD)	CUMULATIVE TOPSOIL EXCAVATION VOLUME (CU YD)	CUMULATIVE TOPSOIL PLACEMENT VOLUME (CU YD)
301+50.00	16.37	12.85							
302+00.00	20.95	15.04	18.66	13.95	50.00	34.56	25.82	34.56	25.82
302+50.00	20.75	13.85	20.85	14.45	50.00	38.61	26.75	73.17	52.57
303+00.00	19.89	12.13	20.32	12.99	50.00	37.63	24.06	110.80	76.63
303+50.00	11.05	4.78	15.47	8.46	50.00	28.65	15.66	139.44	92.29
304+00.00	24.67	13.43	17.86	9.11	50.00	33.07	16.86	172.52	109.15
304+50.00	22.63	11.75	23.65	12.59	50.00	43.80	23.31	216.31	132.46
305+00.00	22.25	11.48	22.44	11.62	50.00	41.56	21.51	257.87	153.97
305+50.00	21.74	11.17	22.00	11.33	50.00	40.73	20.97	298.60	174.94
306+00.00	21.25	10.80	21.50	10.99	50.00	39.81	20.34	338.41	195.29
306+50.00	20.91	10.52	21.08	10.66	50.00	39.04	19.74	377.44	215.03
307+00.00	19.91	9.86	20.41	10.19	50.00	37.80	18.87	415.24	233.90
307+50.00	21.11	10.63	20.51	10.25	50.00	37.98	18.97	453.22	252.87
308+00.00	21.02	10.56	21.07	10.60	50.00	39.01	19.62	492.23	272.49
308+50.00	22.34	11.57	21.68	11.07	50.00	40.15	20.49	532.38	292.98
309+00.00	19.20	9.22	20.77	10.40	50.00	38.46	19.25	570.84	312.23
309+50.00	23.03	9.91	21.12	9.57	50.00	39.10	17.71	609.94	329.94
310+00.00	39.34	15.75	31.19	12.83	50.00	57.75	23.76	667.69	353.70
INTERSECTION OMISSION									
311+50.00	50.50	29.19							
312+00.00	20.11	8.09	35.31	18.64	50.00	65.38	34.52	733.07	388.22
312+50.00	32.43	18.12	26.27	13.11	50.00	48.65	24.27	781.72	412.49
313+00.00	16.05	6.15	24.24	12.14	50.00	44.89	22.47	826.61	434.96
313+50.00	22.32	11.76	19.19	8.96	50.00	35.53	16.58	862.14	451.55
314+00.00	27.06	25.07	24.69	18.42	50.00	45.72	34.10	907.86	485.65
314+50.00	29.70	16.62	28.38	20.85	50.00	52.56	38.60	960.42	524.25
315+00.00	27.24	18.82	28.47	17.72	50.00	52.72	32.81	1013.14	557.06

PLOT SCALE: 1/4" = 10' - 0" (PLOT) FULL SIZE: 11" X 17" (SHEET)
 FILE NAME: ...\\ppln-abc-sht-schedule-14.dgn
 USER NAME: moolaman
 PLOT DATE: 11/18/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\ppln-abc-sht-schedule-14.dgn	DRAWN - TMB	REVISED -
USER NAME = moolaman	CHECKED - RMT	REVISED -
PLOT DATE = 11/18/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

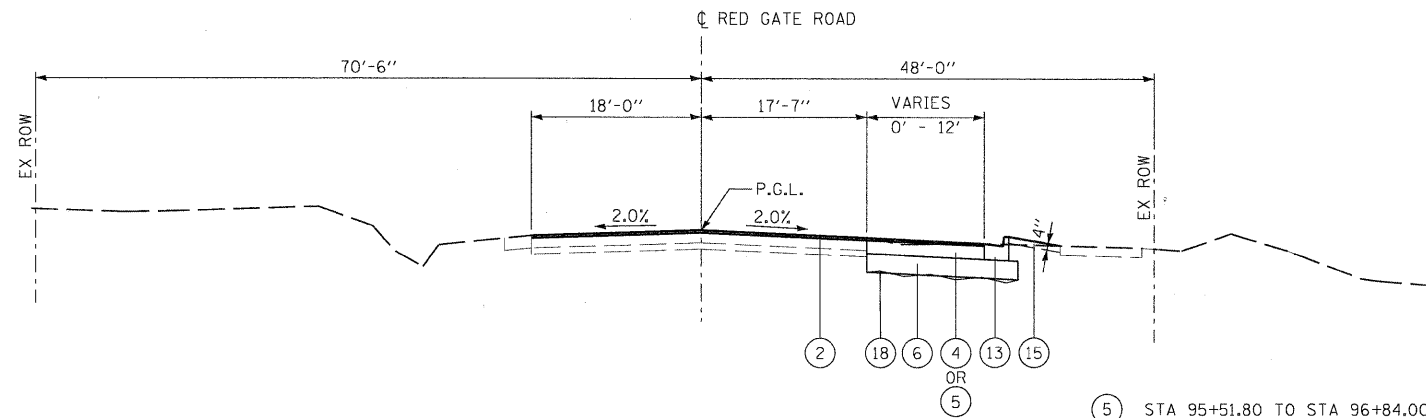
SCHEDULE OF QUANTITIES			
SCALE: NTS	SHEET NO. 14 OF 16 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	26
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

TOPSOIL EXCAVATION AND PLACEMENT ---- RED GATE ROAD					
STATION	TOPSOIL PLACEMENT END AREA (SF)	TOPSOIL PLACEMENT AVERAGE END AREA (SF)	LENGTH (FT)	TOPSOIL PLACEMENT (FILL) VOLUME (CU YD)	CUMULATIVE TOPSOIL PLACEMENT VOLUME (CU YD)
96+00.00	5.92				
96+50.00	4.72	5.32	50.00	9.85	9.85
97+00.00	3.69	4.21	50.00	7.79	17.64
97+50.00	2.60	3.15	50.00	5.82	23.46
98+00.00	1.82	2.21	50.00	4.09	27.56
98+50.00	1.93	1.88	50.00	3.47	31.03
99+00.00	4.11	3.02	50.00	5.59	36.62
99+50.00	0.00	2.06	50.00	3.81	40.43
100+00.00		0.00	50.00	0.00	40.43
100+50.00	3.81	1.91	50.00	3.53	43.95
101+00.00	13.47	8.64	50.00	16.00	59.95
101+50.00	7.49	10.48	50.00	19.41	79.36
102+00.00	7.18	7.34	50.00	13.58	92.94
102+50.00	7.22	7.20	50.00	13.33	106.28
103+00.00	7.40	7.31	50.00	13.54	119.81
103+50.00	7.46	7.43	50.00	13.76	133.57
104+00.00	7.46	7.46	50.00	13.81	147.39
104+50.00	7.47	7.47	50.00	13.82	161.21
105+00.00	6.04	6.76	50.00	12.51	173.72
105+50.00	6.57	6.31	50.00	11.68	185.40
106+00.00	8.37	7.47	50.00	13.83	199.23
106+50.00	10.46	9.42	50.00	17.44	216.67
107+00.00	12.18	11.32	50.00	20.96	237.63
107+50.00	13.08	12.63	50.00	23.39	261.02
108+00.00	35.26	24.17	50.00	44.76	305.78
108+50.00	11.56	23.41	50.00	43.35	349.13
109+00.00	11.49	11.53	50.00	21.34	370.47
109+10.81	12.51	12.00	10.81	4.80	375.28
109+25.00	0.00	6.26	14.19	3.29	378.56
BRIDGE OMISSION					

TOPSOIL EXCAVATION AND PLACEMENT ---- RED GATE ROAD					
STATION	TOPSOIL PLACEMENT END AREA (SF)	TOPSOIL PLACEMENT AVERAGE END AREA (SF)	LENGTH (FT)	TOPSOIL PLACEMENT (FILL) VOLUME (CU YD)	CUMULATIVE TOPSOIL PLACEMENT VOLUME (CU YD)
121+00.00	0				
121+22.24	8.76	4.38	22.24	3.61	382.17
121+50.00	7.80	8.28	27.76	8.51	390.68
122+00.00	7.80	7.80	50.00	14.44	405.13
122+50.00	6.72	7.26	50.00	13.44	418.57
123+00.00	7.80	7.26	50.00	13.44	432.02
123+50.00	7.80	7.80	50.00	14.44	446.46
124+00.00	7.80	7.80	50.00	14.44	460.91
124+50.00	9.10	8.45	50.00	15.65	476.56
124+51.12	8.66	8.88	1.12	0.37	476.92
BRIDGE OMISSION					
126+16.12	7.67				
126+50.00	7.12	7.40	33.88	9.28	486.20
127+00.00	7.12	7.12	50.00	13.19	499.39
127+50.00	7.41	7.27	50.00	13.45	512.84
128+00.00	3.29	5.35	50.00	9.91	522.75
128+50.00	7.47	5.38	50.00	9.96	532.71
129+00.00	7.53	7.50	50.00	13.89	546.60
129+50.00	7.74	7.64	50.00	14.14	560.74
130+00.00	7.88	7.81	50.00	14.46	575.20
130+50.00	7.88	7.88	50.00	14.59	589.80
131+00.00	7.88	7.88	50.00	14.59	604.39
131+50.00	6.40	7.14	50.00	13.22	617.61
132+00.00	0.00	3.20	50.00	5.93	623.54

PLOT SCALE: 1/8" = 1'-0" (FOR V. FILL) SIZE: 11x17 (2025) (2025) Local: Keri-Isaac-V101.dwg TITLE: BLOCK.sbl

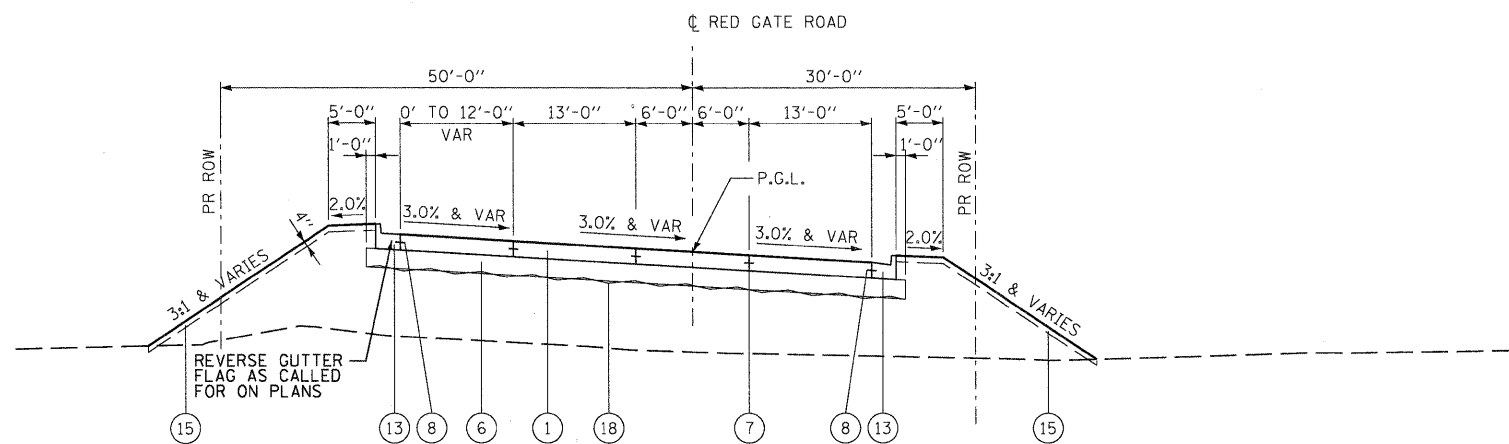


PROPOSED TYPICAL SECTION NO. 1
STA 95+51.80 TO STA 101+17.81, RED GATE ROAD

- ⑤ STA 95+51.80 TO STA 96+84.00 RIGHT
- ④ STA 96+84.00 TO STA 101+17.81 RIGHT
- ⑤ STA 98+72.00 TO STA 101+17.81 LEFT

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC



PROPOSED TYPICAL SECTION NO. 2
STA 101+17.81 TO STA 105+19.96, RED GATE ROAD

BEGIN SE TRANS IN STA 100+16.87
END SE TRANS IN STA 101+80.87
BEGIN SE TRANS OUT STA 105+23.58
END SE TRANS OUT STA 106+87.58

STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 13300	SU = 1085	MU =	1085
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M =	7%
TRAFFIC DATA:		ACTUAL TF =	15.29
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/4" = 1'-0" (PLOT SIZE: 11" X 17")

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USER NAME = tblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/9/2011	DATE - 10/23/2011	REVISED -

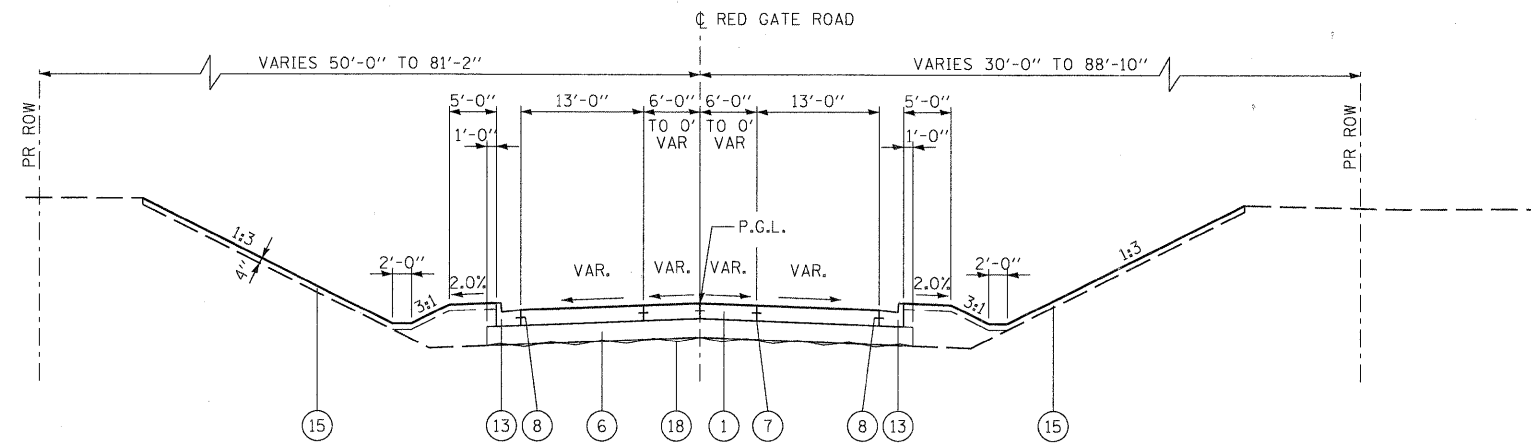


CITY OF ST. CHARLES

**PROPOSED TYPICAL SECTIONS
RED GATE ROAD**

SCALE: NTS SHEET NO. 1 OF 4 SHEETS STA. TO STA.

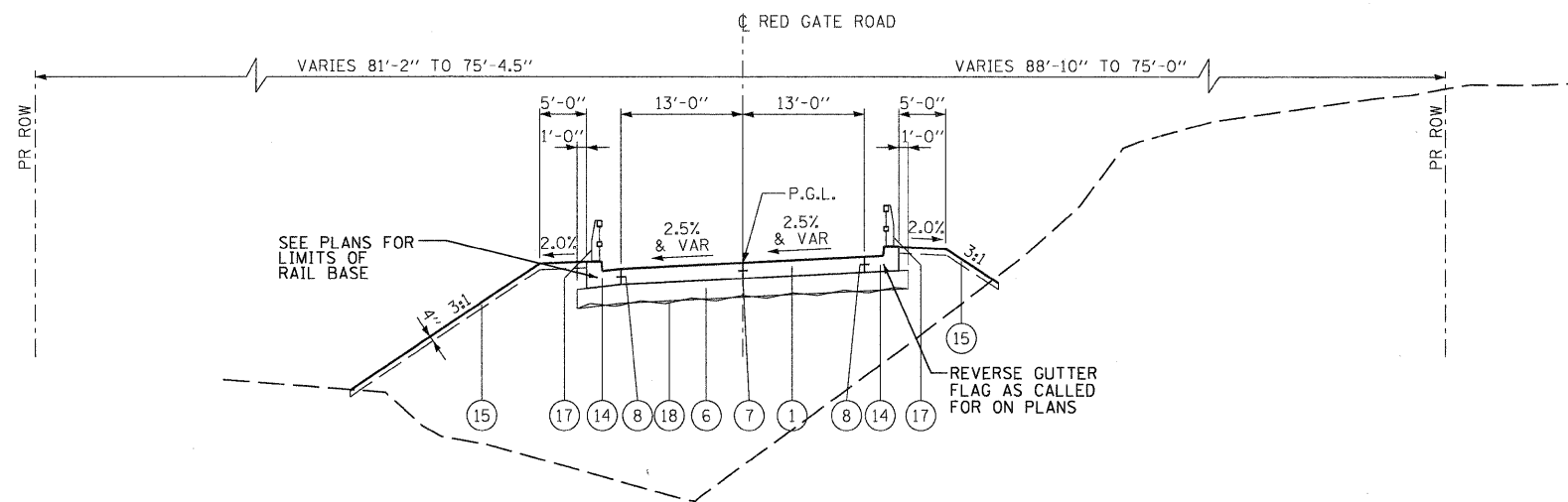
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	29
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL SECTION NO. 3

STA 105+19.96 TO STA 108+29.96, RED GATE ROAD

BEGIN SE TRANS OUT STA 105+23.58
 END SE TRANS OUT STA 106+87.58
 BEGIN SE TRANS IN STA 106+70.05
 END SE TRANS IN STA 108+18.05



PROPOSED TYPICAL SECTION NO. 4

STA 108+29.96 TO STA 109+14.69, RED GATE ROAD

BEGIN SE TRANS IN STA 106+70.05
 END SE TRANS IN STA 108+18.05
 BEGIN SE TRANS OUT STA 111+85.96
 END SE TRANS OUT STA 113+33.96

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC

STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 13300	SU = 1085	MU =	1085
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M =	7%
TRAFFIC DATA:		ACTUAL TF =	15.29
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/8" = 1'-0" (FULL SIZE)
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 USER NAME: tblenk
 PLOT DATE: 11/9/2011

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CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

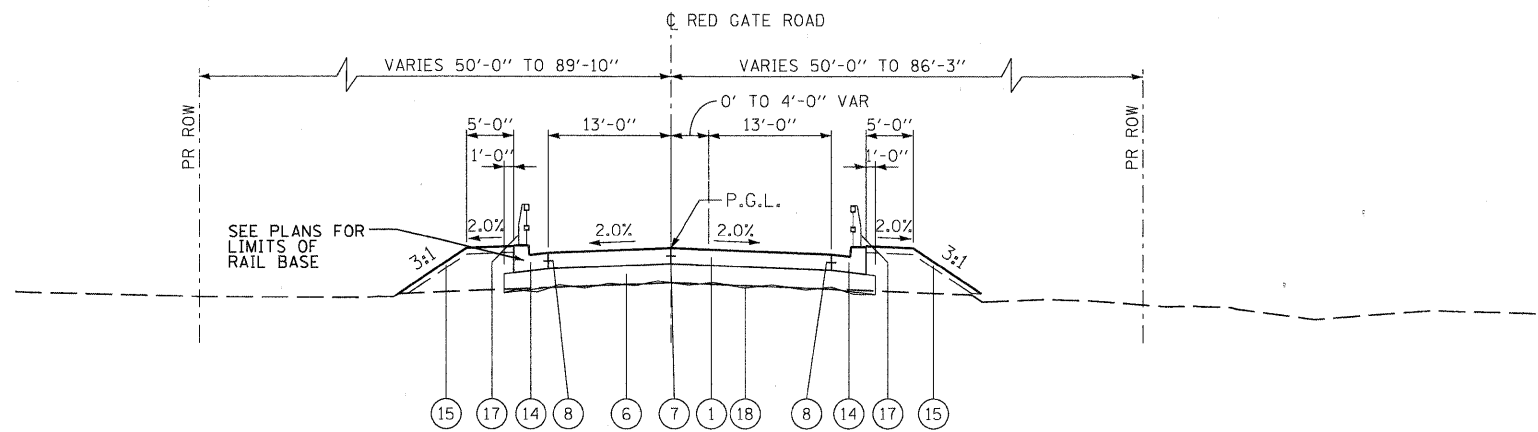
**PROPOSED TYPICAL SECTIONS
 RED GATE ROAD**

SCALE: NTS SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	30
CONTRACT NO. 63650				
[ILLINOIS] FED. AID PROJECT				

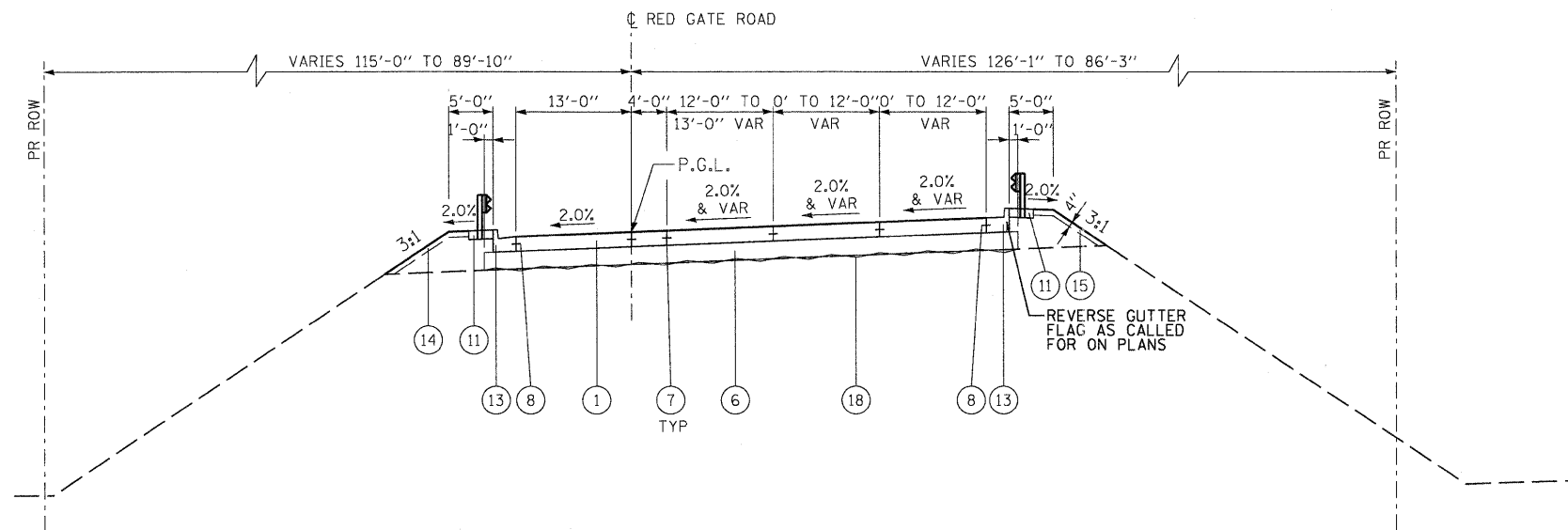
BRIDGE OMMISION

STA 109+14.69 TO STA 121+19.72, RED GATE ROAD



PROPOSED TYPICAL SECTION NO. 5

STA 121+19.72 TO STA 124+52.50, RED GATE ROAD



PROPOSED TYPICAL SECTION NO. 6

STA 126+12.50 TO STA 129+62.27, RED GATE ROAD

BEGIN SE TRANS IN STA 125+02.09
 END SE TRANS IN STA 126+34.09
 BEGIN SE TRANS OUT STA 128+30.27
 END SE TRANS OUT STA 129+62.27

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC

STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 13300	SU = 1085	MU = 1085	
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M = 7%	
TRAFFIC DATA:		ACTUAL TF =	15.29
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/8" = 1'-0" (PROVIDE FULL SIZE) ...

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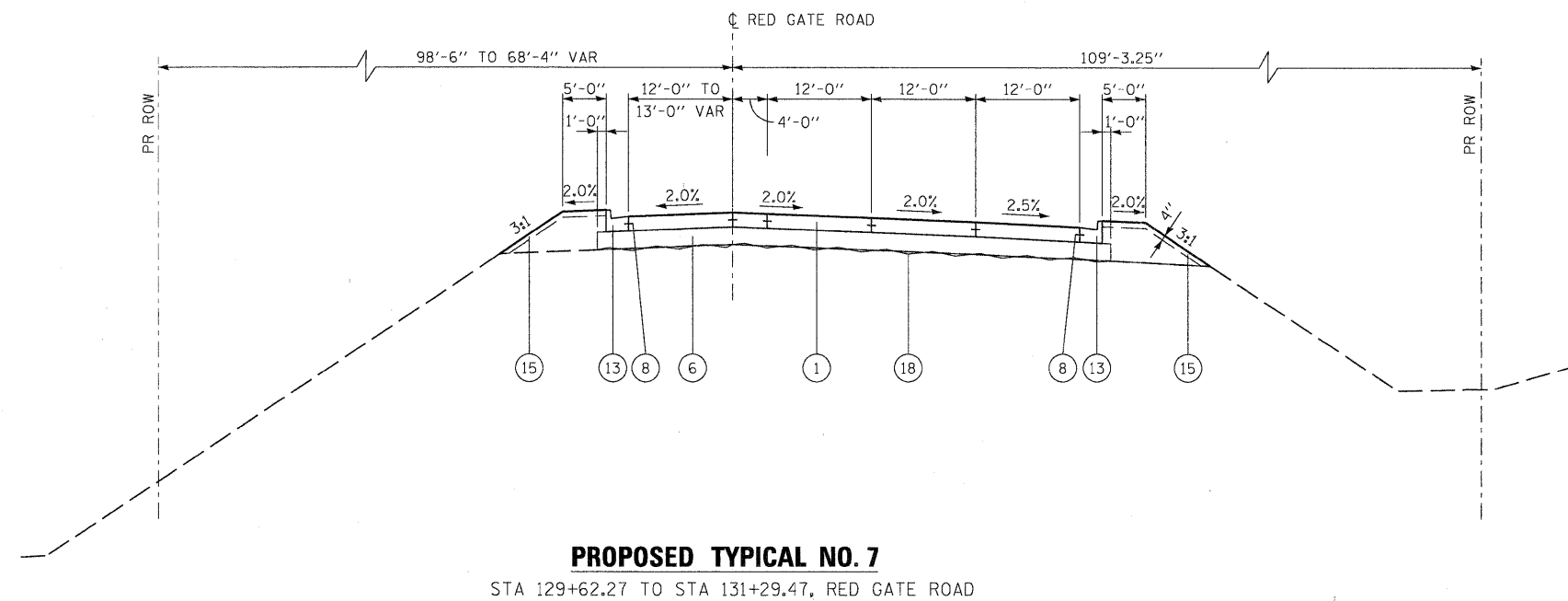


CITY OF ST. CHARLES

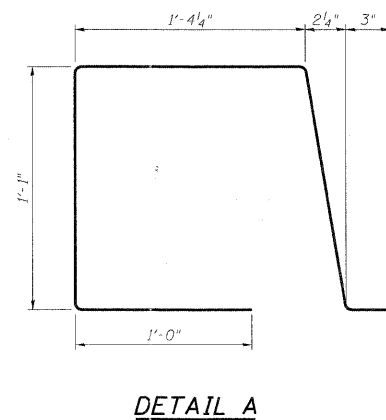
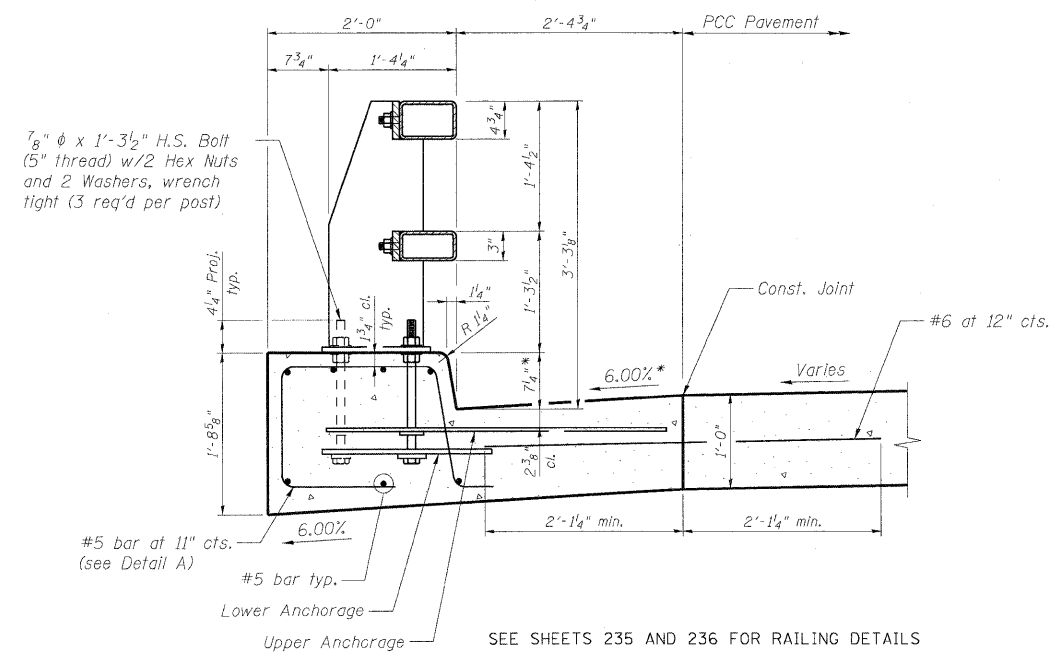
**PROPOSED TYPICAL SECTIONS
 RED GATE ROAD**

SCALE: NTS SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	31
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
 - ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - ③ LEVELING BINDER (MACHINE METHOD), N50
 - ④ HOT-MIX ASPHALT BASE COURSE, 8"
 - ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
 - ⑥ AGGREGATE SUBGRADE, 12"
 - ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
 - ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
 - ⑨ SAW CUTS
 - ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
 - ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
 - ⑫ AGGREGATE SHOULDERS TYPE B, 8"
 - ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
 - ⑭ RAIL BASE
 - ⑮ TOPSOIL FURNISH AND PLACE, 4"
 - ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
 - ⑰ STEEL RAIL (SPECIAL)
 - ⑱ GEOTECHNICAL FABRIC



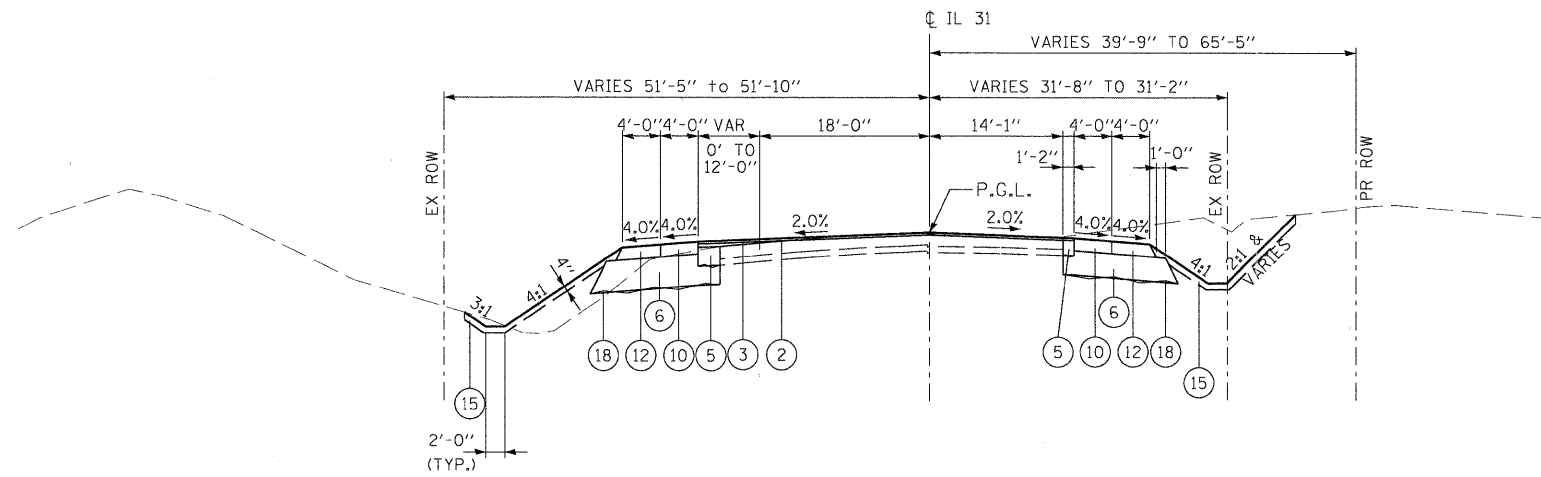
*GUTTER SLOPE AND CURB HEIGHT SHALL TRANSITION TO MEET THE CROSS SLOPES AND CURB HEIGHTS OF THE APPROACH SLABS OVER A DISTANCE OF 10'.

STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 13300	SU = 1085	MU = 1085	
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M = 7%	
TRAFFIC DATA:		ACTUAL TF =	15.29
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/8" = 1'-0" (SEE SHEET 235 FOR FULL SIZE) FILE: ... \proj\in\ABC-shd-RDGT-tp-04.dgn USER NAME: tblank PLOT DATE: 11/9/2011

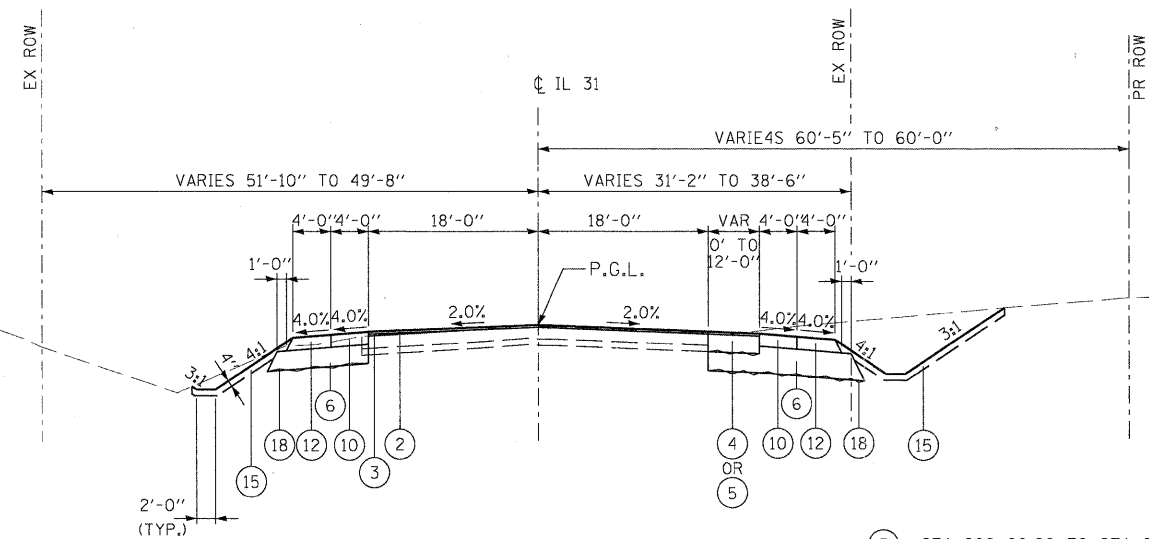
LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC



PROPOSED TYPICAL SECTION NO. 8
 STA 202+44.00 TO STA 206+22.33, ILLINOIS ROUTE 31

⑤ STA 202+44.00 TO STA 205+10.40



PROPOSED TYPICAL SECTION NO. 9
 STA 206+22.33 TO STA 210+00.00, ILLINOIS ROUTE 31
 BEGIN SE TRANSITION IN STA 206+22.33
 END SE TRANSITION IN STA 207+71.33

⑤ STA 208+60.00 TO STA 209+34.00 LEFT

STRUCTURAL DESIGN TRAFFIC:			YEAR	2030	
PV =	19522	SU =	1589	MU =	1589
ROAD/STREET CLASSIFICATION:			CLASS	II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:					
P =	86%	S =	7%	M =	7%
TRAFFIC DATA:			ACTUAL TF =	15.87	
			MINIMUM TF =	6.03	
SUBGRADE SUPPORT RATING:					
SSR =			POOR		

PLOT SCALE: 1/8" = 1'-0" (FULL SIZE)
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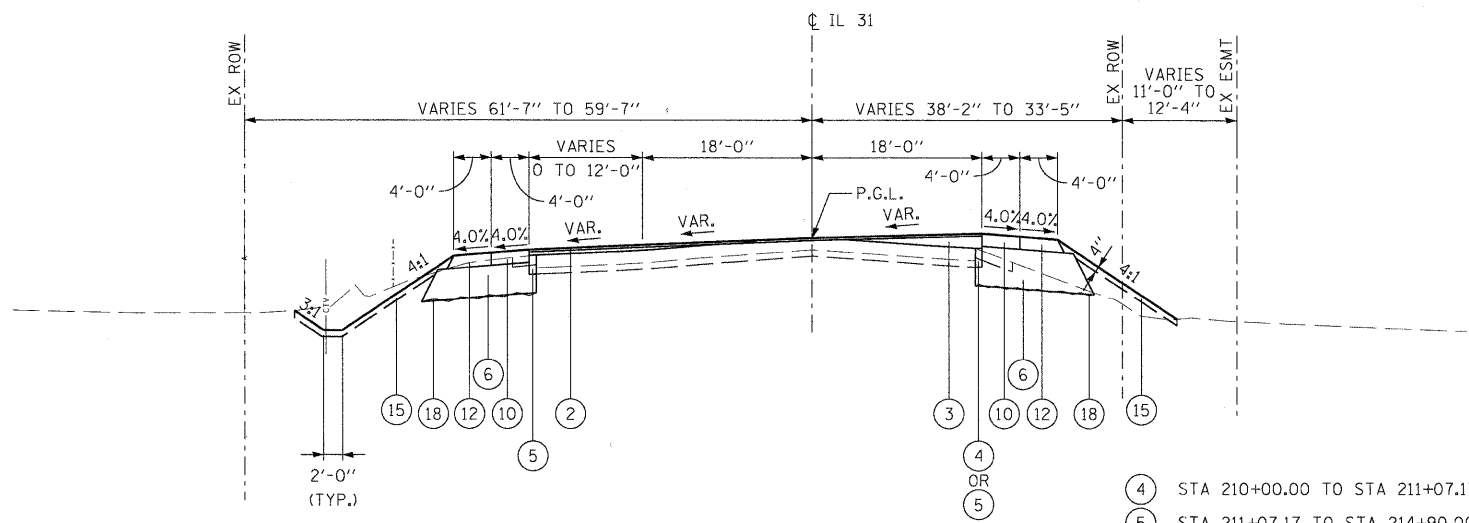


CITY OF ST. CHARLES

**PROPOSED TYPICAL SECTIONS
 IL 31**

SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	33
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



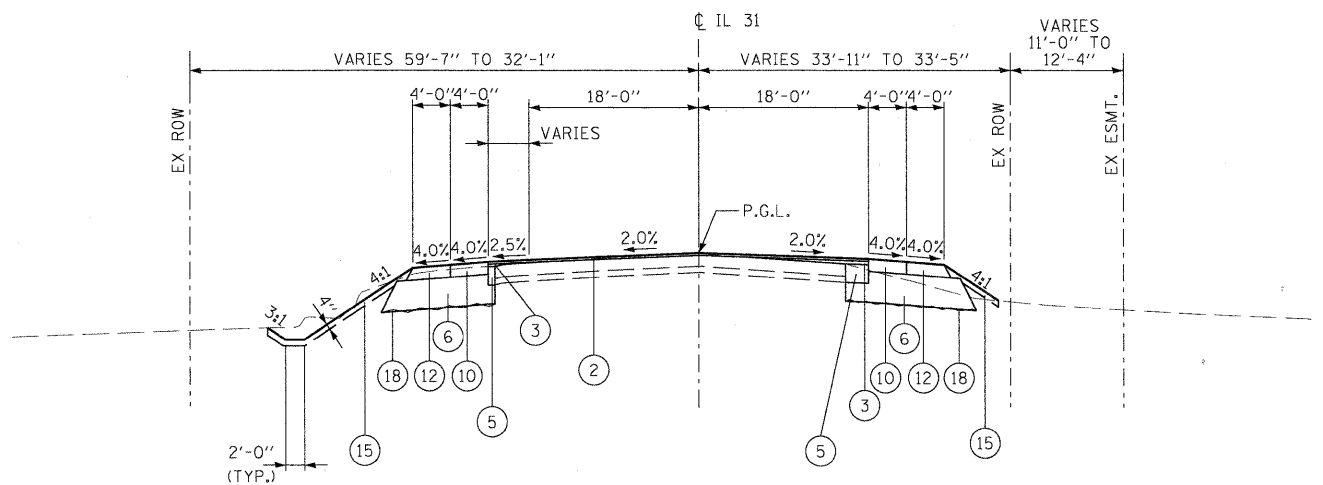
PROPOSED TYPICAL SECTION NO. 10

STA 210+00.00 TO STA 214+90.00, ILLINOIS ROUTE 31
 BEGIN SE TRANSITION OUT STA 211+58.54
 END SE TRANSITION OUT STA 213+07.54

- ④ STA 210+00.00 TO STA 211+07.17 RIGHT
- ⑤ STA 211+07.17 TO STA 214+90.00 LEFT

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC



PROPOSED TYPICAL SECTION NO. 11

STA 214+90.00 TO STA 218+70, ILLINOIS ROUTE 31

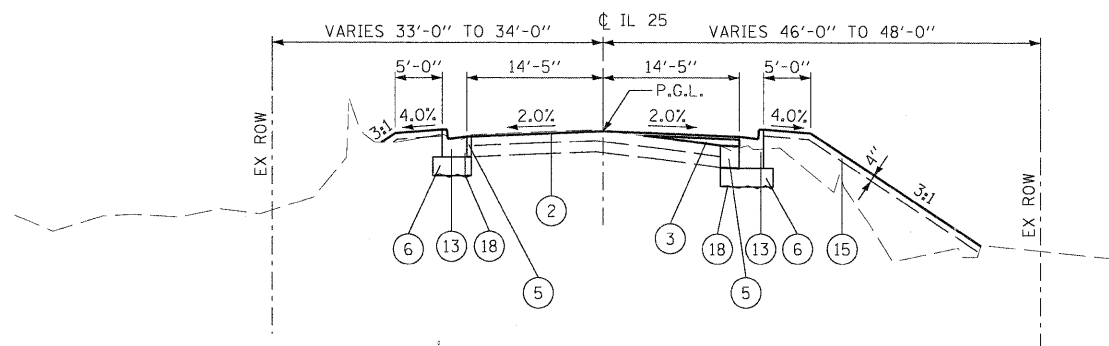
STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 19522	SU = 1589	MU = 1589	
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M = 7%	
TRAFFIC DATA:		ACTUAL TF =	15.87
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/8" = 1'-0" PREVIOUS FILE: 617E-11.dwg USER: tblank DATE: 11/9/2011

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PLOT DATE = 11/9/2011	CHECKED - RMT	REVISED -		SCALE: NTS	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 63650				
DATE = 10/23/2011	REVISOR -	REVISED -		[ILLINOIS] FED. AID PROJECT							

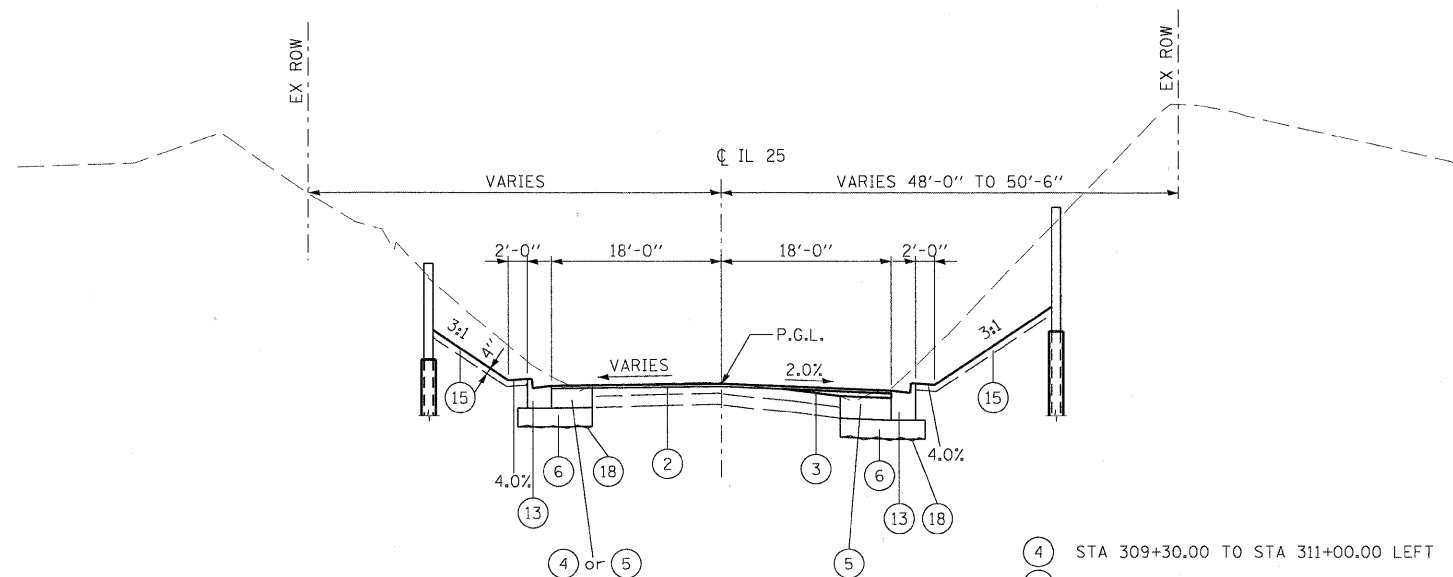
LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC



PROPOSED TYPICAL SECTION NO. 12

STA 301+40.00 TO STA 304+50.00, ILLINOIS ROUTE 25



PROPOSED TYPICAL SECTION NO. 13

STA 304+50.00 TO STA 311+00.00, ILLINOIS ROUTE 25

- ④ STA 309+30.00 TO STA 311+00.00 LEFT
- ⑤ STA 304+50.00 TO STA 309+30.00 LEFT

STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 26230	SU = 2135	MU =	2135
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M =	7%
TRAFFIC DATA:		ACTUAL TF =	21.32
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/8" = 1'-0" FILE SIZE: 11.1 MB ... \p\pln\ABC-sht-IL-25-tp-01.dgn USER NAME: tblank PLOT DATE: 11/9/2011

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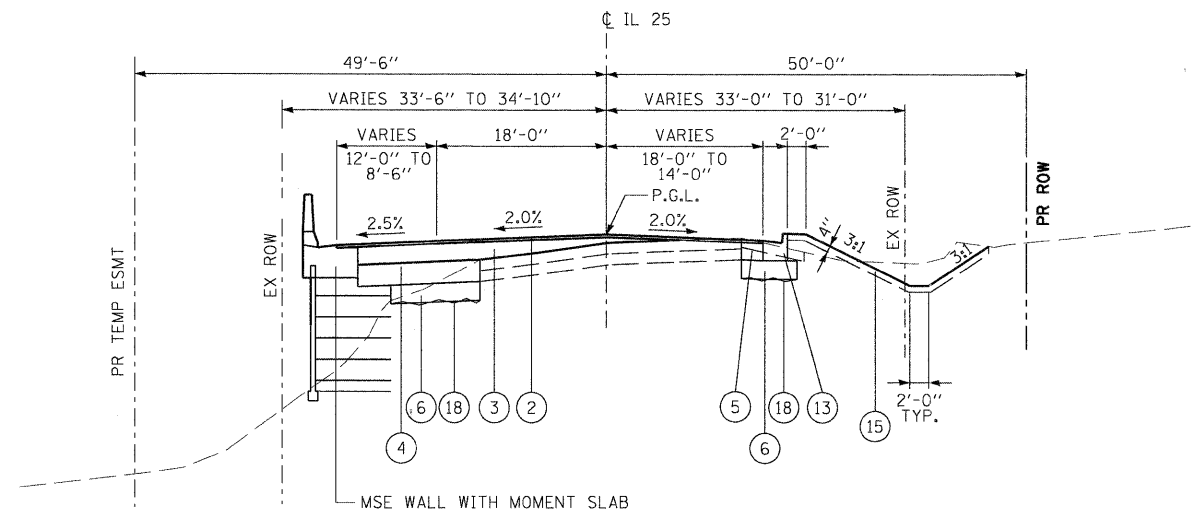


CITY OF ST. CHARLES

PROPOSED TYPICAL SECTIONS IL 25

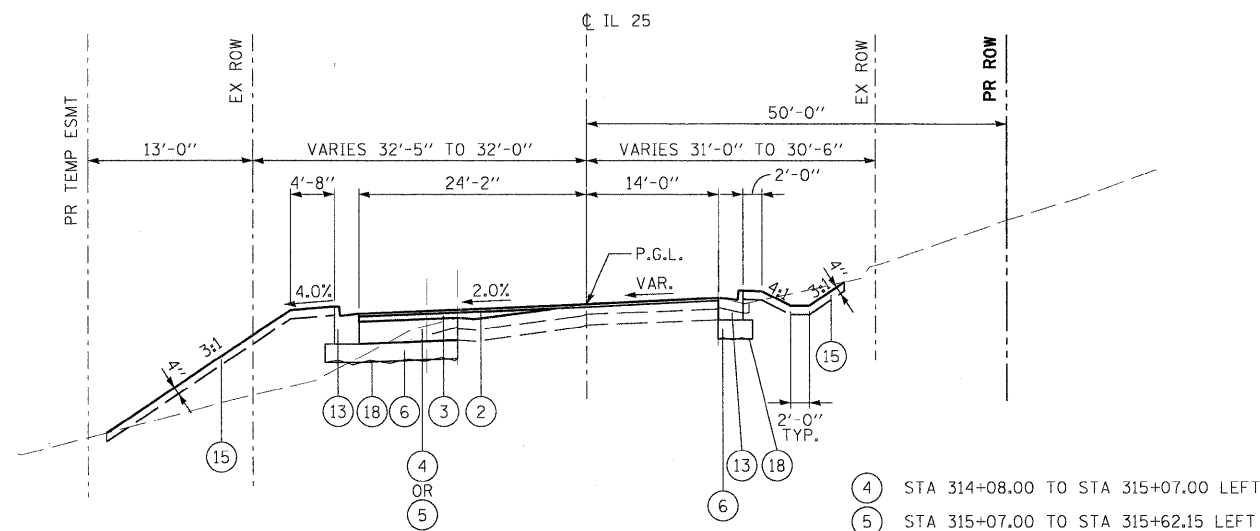
SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	35
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



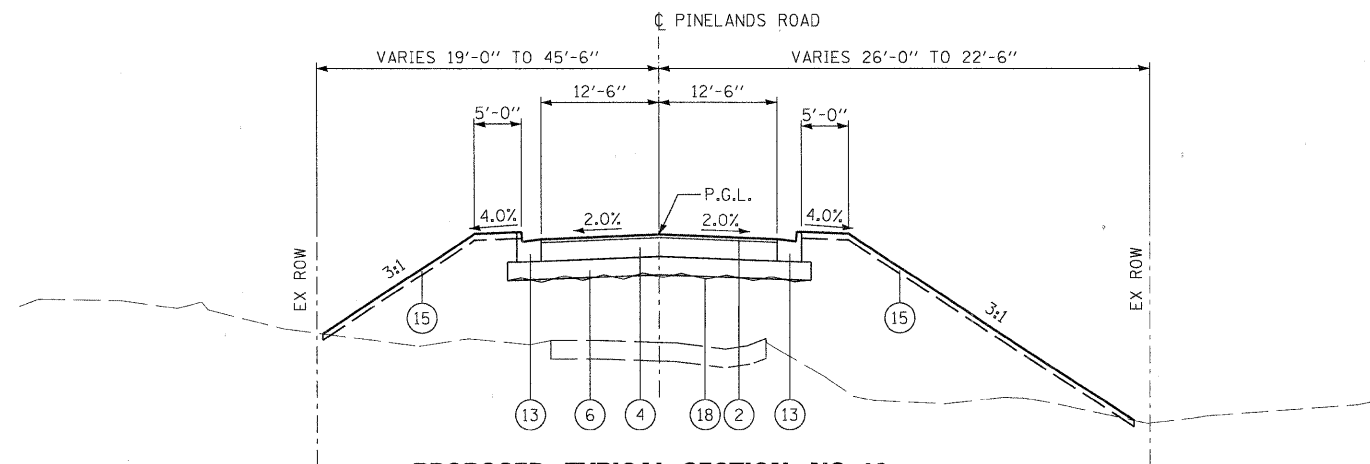
PROPOSED TYPICAL SECTION NO. 14

STA 311+00.00 TO STA 313+80.00, ILLINOIS ROUTE 25



PROPOSED TYPICAL SECTION NO. 15

STA 313+80.00 TO STA 315+62.15, ILLINOIS ROUTE 25



PROPOSED TYPICAL SECTION NO. 16

STA 800+00.00 TO STA 801+79.35, PINELANDS ROAD

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC

STRUCTURAL DESIGN TRAFFIC:		YEAR	2030
PV = 26230	SU = 2135	MU = 2135	
ROAD/STREET CLASSIFICATION:		CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 86%	S = 7%	M = 7%	
TRAFFIC DATA:		ACTUAL TF =	21.32
		MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		SSR =	POOR

PLOT SCALE: 1/8" = 1'-0" (FULL SIZE) FILE NAME: ...:pin-abc-sh1-IL-25-tp-02.dgn USER NAME: tbenk PLOT DATE: 11/9/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

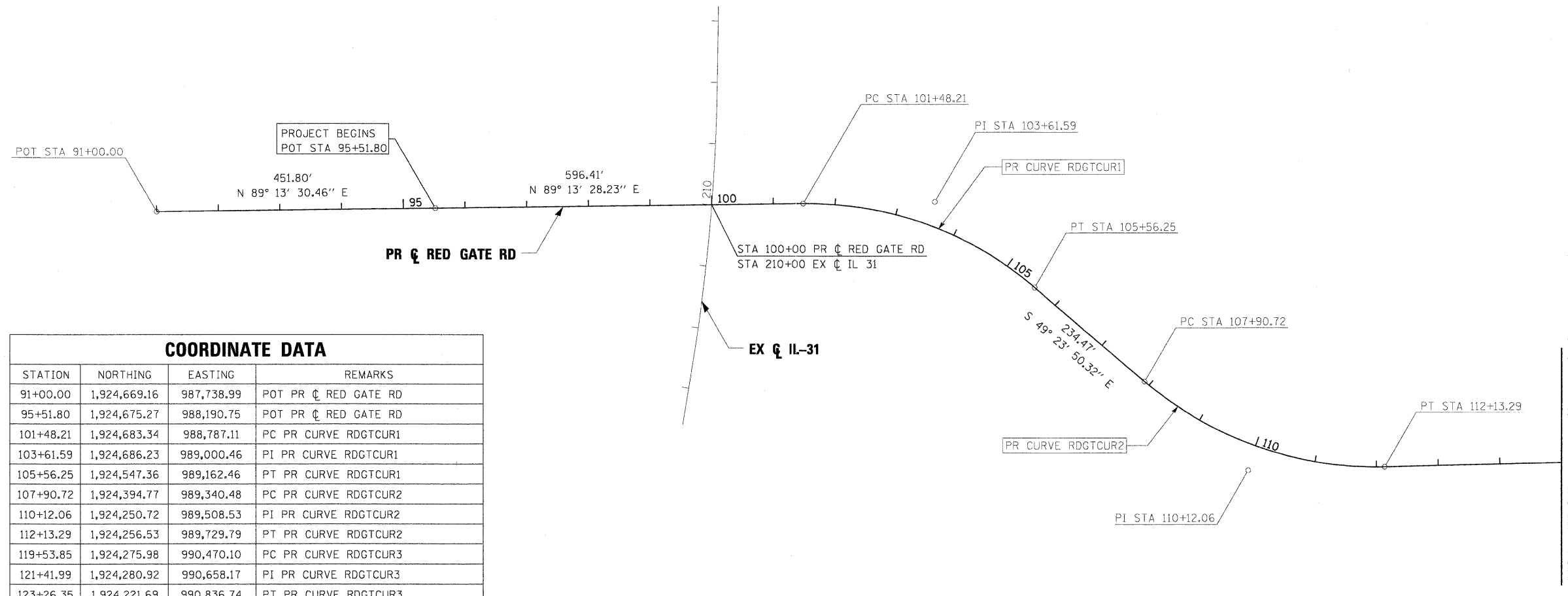
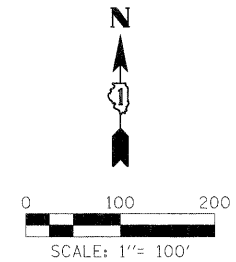


CITY OF ST. CHARLES

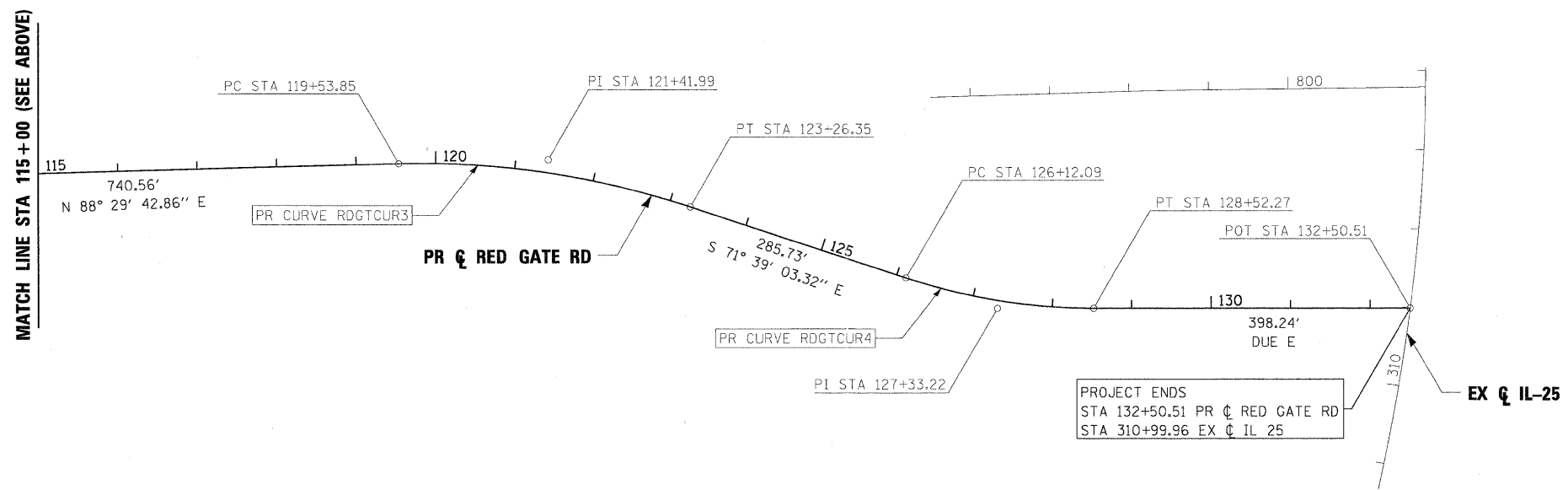
PROPOSED TYPICAL SECTIONS IL 25

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	36
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



COORDINATE DATA			
STATION	NORTHING	EASTING	REMARKS
91+00.00	1,924,669.16	987,738.99	POT PR & RED GATE RD
95+51.80	1,924,675.27	988,190.75	POT PR & RED GATE RD
101+48.21	1,924,683.34	988,787.11	PC PR CURVE RDGTCUR1
103+61.59	1,924,686.23	989,000.46	PI PR CURVE RDGTCUR1
105+56.25	1,924,547.36	989,162.46	PT PR CURVE RDGTCUR1
107+90.72	1,924,394.77	989,340.48	PC PR CURVE RDGTCUR2
110+12.06	1,924,250.72	989,508.53	PI PR CURVE RDGTCUR2
112+13.29	1,924,256.53	989,729.79	PT PR CURVE RDGTCUR2
119+53.85	1,924,275.98	990,470.10	PC PR CURVE RDGTCUR3
121+41.99	1,924,280.92	990,658.17	PI PR CURVE RDGTCUR3
123+26.35	1,924,221.69	990,836.74	PT PR CURVE RDGTCUR3
126+12.09	1,924,131.74	991,107.95	PC PR CURVE RDGTCUR4
127+33.22	1,924,093.61	991,222.92	PI PR CURVE RDGTCUR4
128+52.27	1,924,093.61	991,344.05	PT PR CURVE RDGTCUR4
132+50.51	1,924,093.61	991,742.29	POT PR & RED GATE RD/EX & IL 25



PR CURVE RDGTCUR1
 PI STA = 103+61.59
 $\Delta = 41^\circ 22' 41''$ (RT)
 R = 565.00'
 T = 213.37'
 L = 408.03'
 E = 38.95'
 e = 3.00%
 TR = 66.00'
 SE RUN = 98.00'
 PC STA = 101+48.21
 PT STA = 105+56.25

PR CURVE RDGTCUR2
 PI STA = 110+12.06
 $\Delta = 42^\circ 06' 27''$ (LT)
 R = 575.00'
 T = 221.34'
 L = 422.58'
 E = 41.13'
 e = 2.5%
 TR = 66.00'
 SE RUN = 82.00'
 PC STA = 107+90.72
 PT STA = 112+13.29

PR CURVE RDGTCUR3
 PI STA = 121+41.99
 $\Delta = 19^\circ 51' 14''$ (RT)
 R = 1,075.00'
 T = 188.14'
 L = 372.50'
 E = 16.34'
 e = NC
 TR = N/A
 SE RUN = N/A
 PC STA = 119+53.85
 PT STA = 123+26.35

PR CURVE RDGTCUR4
 PI STA = 127+33.22
 $\Delta = 18^\circ 20' 57''$ (LT)
 R = 750.00'
 T = 121.13'
 L = 240.19'
 E = 9.72'
 e = 2.0%
 TR = 66.00'
 SE RUN = 66.00'
 PC STA = 126+12.09
 PT STA = 128+52.27

PLOT SCALE: 1/8"=100' (SEE ABOVE) FILE NAME: ... USER NAME: tblank PLOT DATE: 11/9/2011

FILE NAME =	DESIGNED - MAC	REVISED -
... \p\p\in-ABC-shr-A\ign-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/9/2011	DATE - 10/23/2011	REVISED -

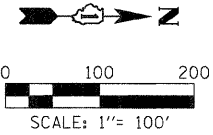


CITY OF ST. CHARLES

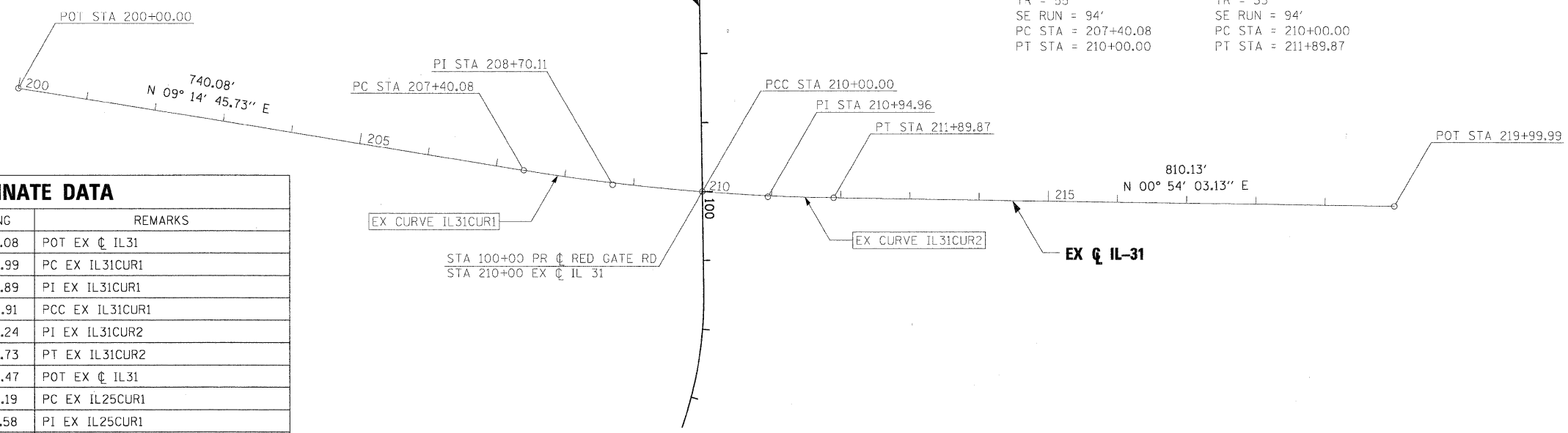
ALIGNMENT AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	37
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

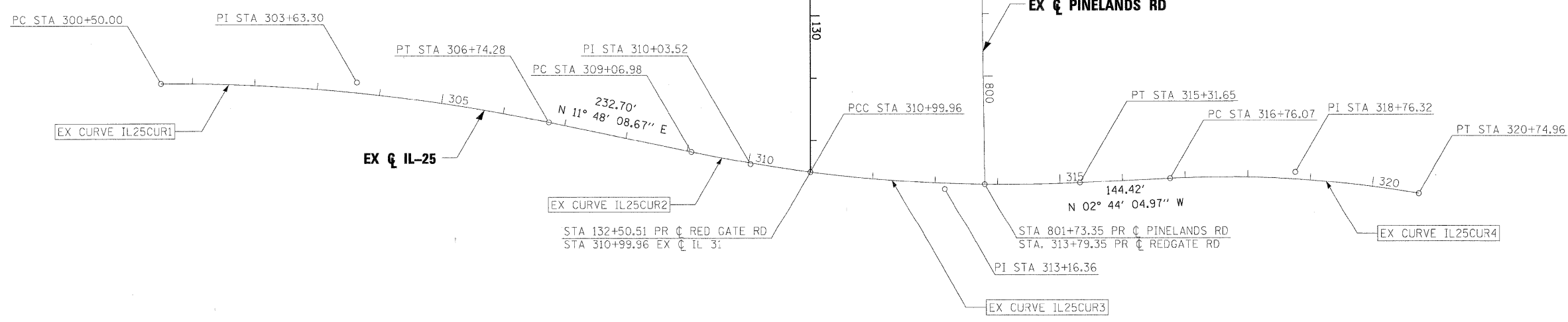


EX CURVE IL31CUR1	EX CURVE IL31CUR2
PI STA = 208+70.11	PI STA = 210+94.96
$\Delta = 04^\circ 49' 20.41''$ (LT)	$\Delta = 03^\circ 31' 22.19''$ (LT)
D = $01^\circ 51' 19.28''$	D = $01^\circ 51' 19.28''$
R = 3,088.13'	R = 3,088.13'
T = 130.03'	T = 94.97'
L = 259.91'	L = 189.87'
E = 2.74'	E = 1.46'
e = 2.60%	e = 2.60%
TR = 55'	TR = 55'
SE RUN = 94'	SE RUN = 94'
PC STA = 207+40.08	PC STA = 210+00.00
PT STA = 210+00.00	PT STA = 211+89.87



COORDINATE DATA			
STATION	NORTHING	EASTING	REMARKS
200+00.00	1,923,692.88	988,489.08	POT EX & IL31
207+40.08	1,924,423.35	988,607.99	PC EX IL31CUR1
208+70.11	1,924,551.69	988,628.89	PI EX IL31CUR1
210+00.00	1,924,681.34	988,638.91	PCC EX IL31CUR1
210+94.96	1,924,776.02	988,646.24	PI EX IL31CUR2
211+89.87	1,924,870.98	988,647.73	PT EX IL31CUR2
219+99.99	1,925,681.00	988,660.47	POT EX & IL31
300+50.00	1,923,055.60	991,600.19	PC EX IL25CUR1
303+63.30	1,923,368.90	991,598.58	PI EX IL25CUR1
306+74.28	1,923,675.58	991,662.66	PT EX IL25CUR1
309+06.98	1,923,903.36	991,710.26	PC EX IL25CUR2
310+03.52	1,923,997.86	991,730.00	PI EX IL25CUR2
310+99.96	1,924,093.61	991,742.29	PCC EX IL25CUR2
313+16.36	1,924,308.25	991,769.83	PI EX IL25CUR3
315+31.65	1,924,524.41	991,759.51	PT EX IL25CUR3
316+76.07	1,924,668.67	991,752.61	PC EX IL25CUR4
318+76.32	1,924,868.69	991,743.06	PI EX IL25CUR4
320+74.96	1,925,065.97	991,777.42	PT EX IL25CUR4
795+50.00	1,924,359.43	991,138.87	POT EX & PINELANDS RD
798+50.00	1,924,368.18	991,438.74	POT EX & PINELANDS RD
801+73.35	1,924,372.15	991,762.06	POT EX & PINELANDS RD

EX CURVE IL25CUR1	EX CURVE IL25CUR2	EX CURVE IL25CUR3	EX CURVE IL25CUR4
PI STA = 303+63.30	PI STA = 310+03.52	PI STA = 313+16.36	PI STA = 318+76.32
$\Delta = 12^\circ 05' 48.49''$ (RT)	$\Delta = 04^\circ 29' 27.04''$ (LT)	$\Delta = 10^\circ 02' 46.60''$ (LT)	$\Delta = 12^\circ 36' 53.06''$ (RT)
D = $01^\circ 56' 15.81''$	D = $02^\circ 19' 37.83''$	D = $02^\circ 19' 37.83''$	D = $03^\circ 09' 45.09''$
R = 2,956.86'	R = 2,462.03'	R = 2,462.03'	R = 1,811.71'
T = 313.30'	T = 96.54'	T = 216.40'	T = 200.25'
L = 624.28'	L = 192.97'	L = 431.69'	L = 398.88'
E = 16.55'	E = 1.89'	E = 9.49'	E = 11.03'
e = NC	e = NC	e = NC	e = NC
TR = N/A	TR = N/A	TR = N/A	TR = N/A
SE RUN = N/A	SE RUN = N/A	SE RUN = N/A	SE RUN = N/A
PC STA = 300+50.00	PC STA = 309+06.98	PC STA = 310+99.96	PC STA = 316+76.07
PT STA = 306+74.28	PT STA = 310+99.96	PT STA = 315+31.65	PT STA = 320+74.96



PLOT SCALE: 1"=100'
 FILE NAME: ...
 USER NAME: tbiernk
 PLOT DATE: 11/9/2011

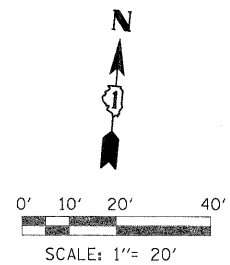
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... \ppln-abc-ht-f1jgn-82.dgn	DRAWN - TMB	REVISED -
USER NAME = tbiernk	CHECKED - RMT	REVISED -
PLOT DATE = 11/9/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

ALIGNMENT AND BENCHMARKS	
SCALE: 1"=100'	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	38
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 92+00.00

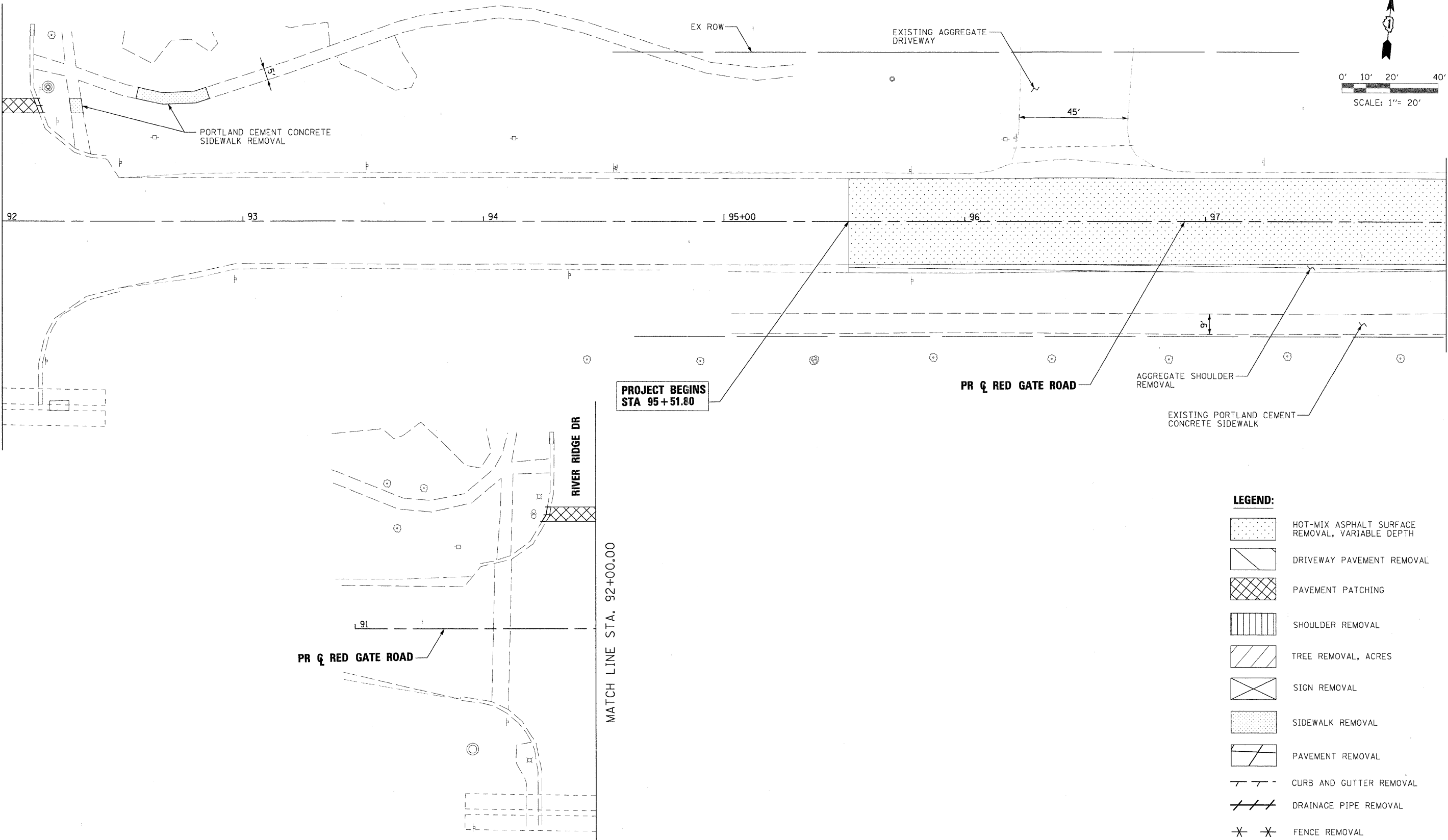
MATCH LINE STA. 98+00.00

**PROJECT BEGINS
STA 95+51.80**

MATCH LINE STA. 92+00.00

PR & RED GATE ROAD

PR & RED GATE ROAD



LEGEND:

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT PATCHING
- SHOULDER REMOVAL
- TREE REMOVAL, ACRES
- SIGN REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CURB AND GUTTER REMOVAL
- DRAINAGE PIPE REMOVAL
- FENCE REMOVAL
- STRUCTURE REMOVAL
- EXISTING SIGNAL REMOVAL

PLOT SCALE: 1/8"= 20' FILE NAME: ...\\prpln-abc-shr-RedGate-rem-01.cgn USER NAME: toddblank PLOT DATE: 11/21/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

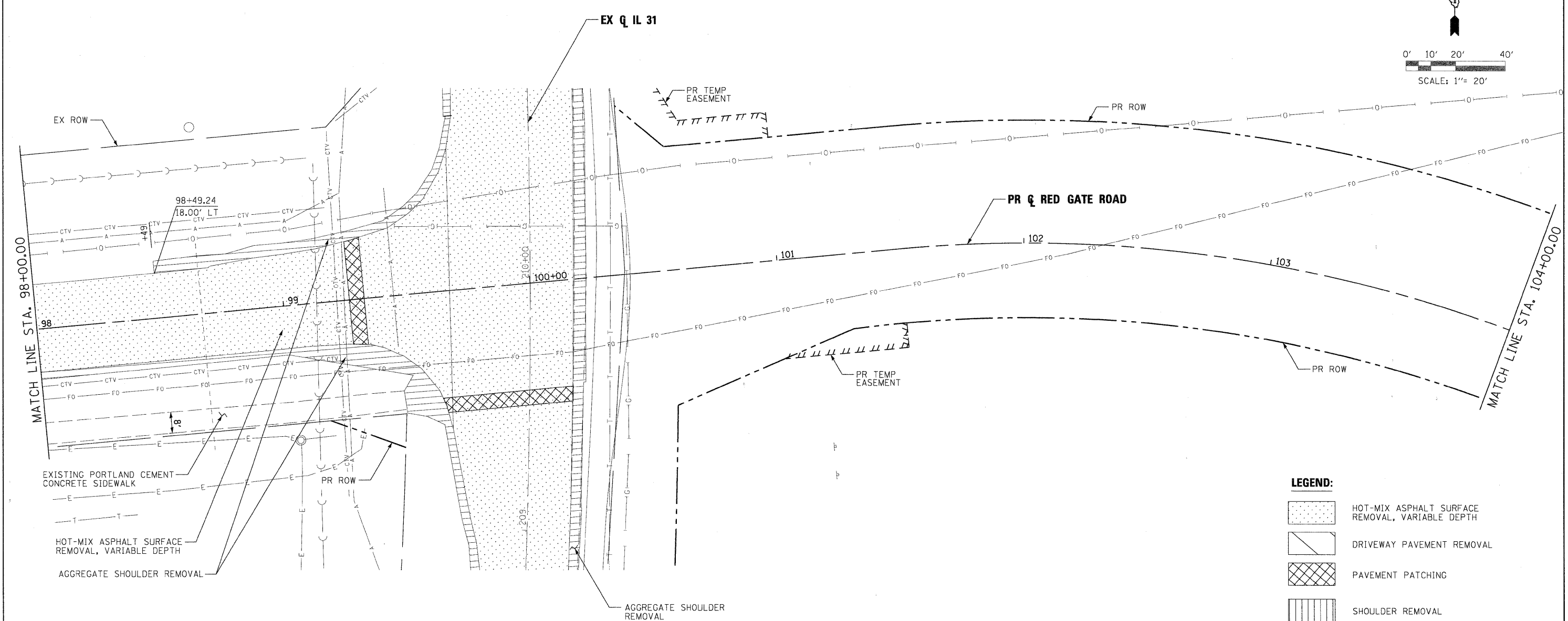
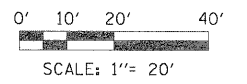
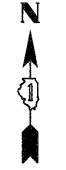


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
RED GATE ROAD**

SCALE: 1"=20' SHEET NO. 1 OF 13 SHEETS STA. BOP TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	39
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



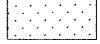



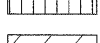
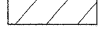
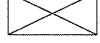

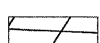
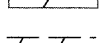
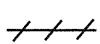
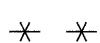

EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

AGGREGATE SHOULDER REMOVAL

AGGREGATE SHOULDER REMOVAL

LEGEND:

-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
-  DRIVEWAY PAVEMENT REMOVAL
-  PAVEMENT PATCHING
-  SHOULDER REMOVAL
-  TREE REMOVAL, ACRES
-  SIGN REMOVAL
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  CURB AND GUTTER REMOVAL
-  DRAINAGE PIPE REMOVAL
-  FENCE REMOVAL
-  STRUCTURE REMOVAL
-  EXISTING SIGNAL REMOVAL

PLOT SCALE: 1/8"=20'
 PLOT DATE: 11/21/2011
 USER NAME: toddblank
 FILE NAME: ...\\ppp1n-abc-shs-RedGate-rm-22.dgn
 DESIGNED - MAC
 DRAWN - TMB
 CHECKED - RMT
 DATE - 10/23/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

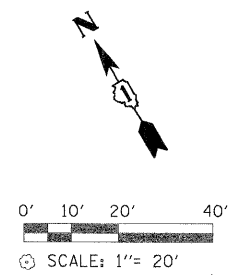


CITY OF ST. CHARLES

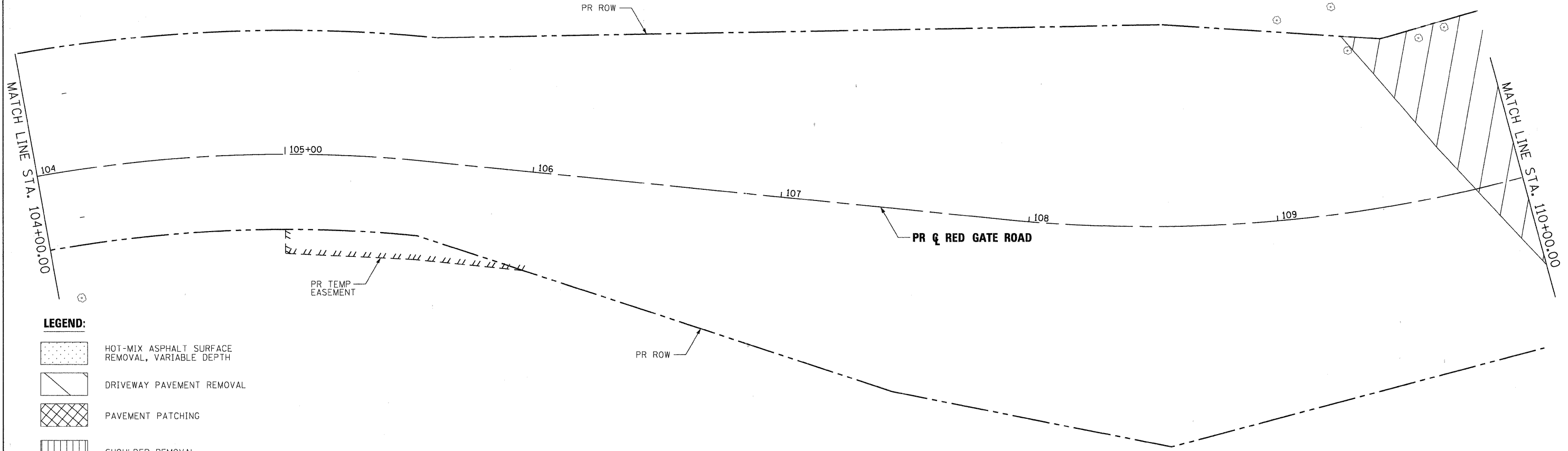
**ROADWAY REMOVAL PLAN
RED GATE ROAD**

SCALE: 1"=20' SHEET NO. 2 OF 13 SHEETS STA. 98+00.00 TO STA. 104+00.00














F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	40
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



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LEGEND:

-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
-  DRIVEWAY PAVEMENT REMOVAL
-  PAVEMENT PATCHING
-  SHOULDER REMOVAL
-  TREE REMOVAL, ACRES
-  SIGN REMOVAL
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  CURB AND GUTTER REMOVAL
-  DRAINAGE PIPE REMOVAL
-  FENCE REMOVAL
-  STRUCTURE REMOVAL
-  EXISTING SIGNAL REMOVAL

PLOT SCALE: 1"=20'
 FILE NAME: ...\\pppIn-ABC-shr-RedGate-rem-03.dgn
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

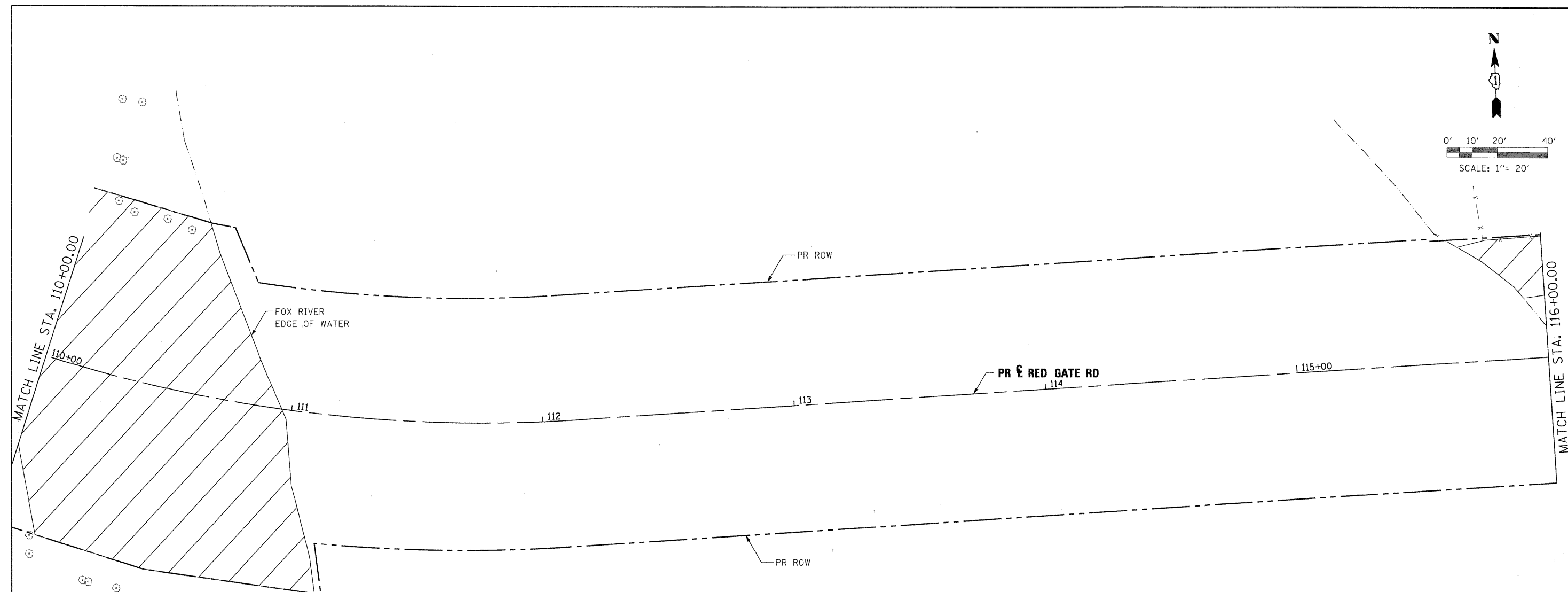
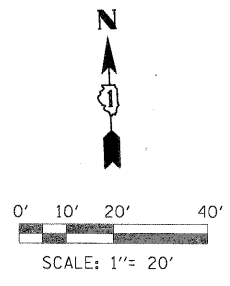















CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
RED GATE ROAD**

SCALE: 1"=20' SHEET NO. 3 OF 13 SHEETS STA. 104+00.00 TO STA. 110+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	41
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



- LEGEND:**
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 -  DRIVEWAY PAVEMENT REMOVAL
 -  PAVEMENT PATCHING
 -  SHOULDER REMOVAL
 -  TREE REMOVAL, ACRES
 -  SIGN REMOVAL
 -  SIDEWALK REMOVAL
 -  PAVEMENT REMOVAL
 -  CURB AND GUTTER REMOVAL
 -  DRAINAGE PIPE REMOVAL
 -  FENCE REMOVAL
 -  STRUCTURE REMOVAL
 -  EXISTING SIGNAL REMOVAL

PLOT SCALE: 1"=20'
 FILE NAME: ...\\pp1n-abc-sh-RedGate-rm-24.dgn
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\pp1n-abc-sh-RedGate-rm-24.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -

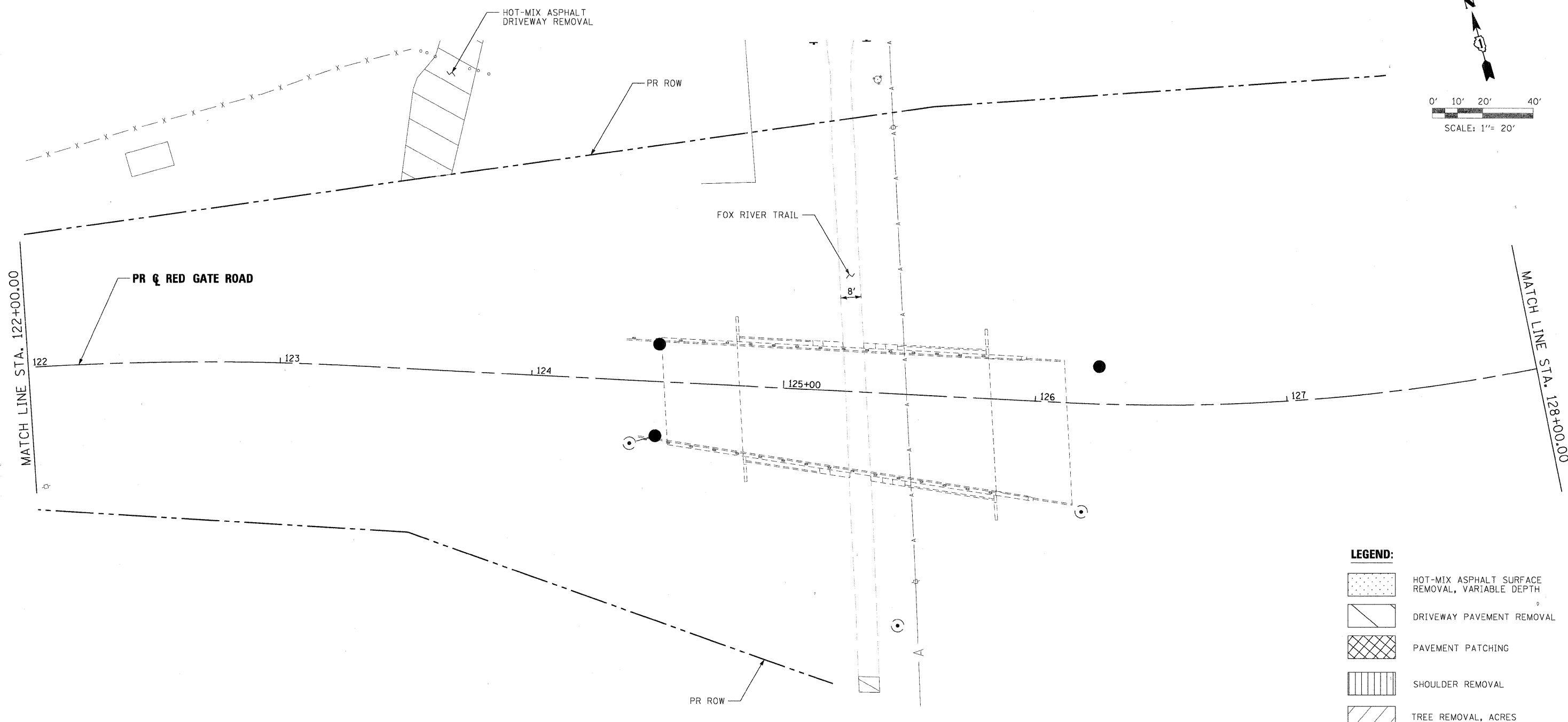
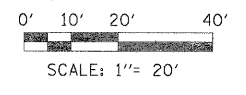


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
RED GATE ROAD**

SCALE: 1"=20' SHEET NO. 4 OF 13 SHEETS STA. 110+00.00 TO STA. 116+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	42
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



LEGEND:

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT PATCHING
- SHOULDER REMOVAL
- TREE REMOVAL, ACRES
- SIGN REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CURB AND GUTTER REMOVAL
- DRAINAGE PIPE REMOVAL
- FENCE REMOVAL
- STRUCTURE REMOVAL
- EXISTING SIGNAL REMOVAL

PLOT SCALE: 1"=20'
 X:\000000\000000\Local\Workspaces\Plot\DRVA\0mm\PDFV8_FULL_SIZE.plt
 ...\prpln\ABC-shr-RedGate-rem-06.dgn
 USER NAME = toddblank
 PLOT DATE = 11/21/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...prpln\ABC-shr-RedGate-rem-06.dgn	DRAWN - TMB	REVISED -
USER NAME = toddblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/21/2011	DATE - 10/23/2011	REVISED -

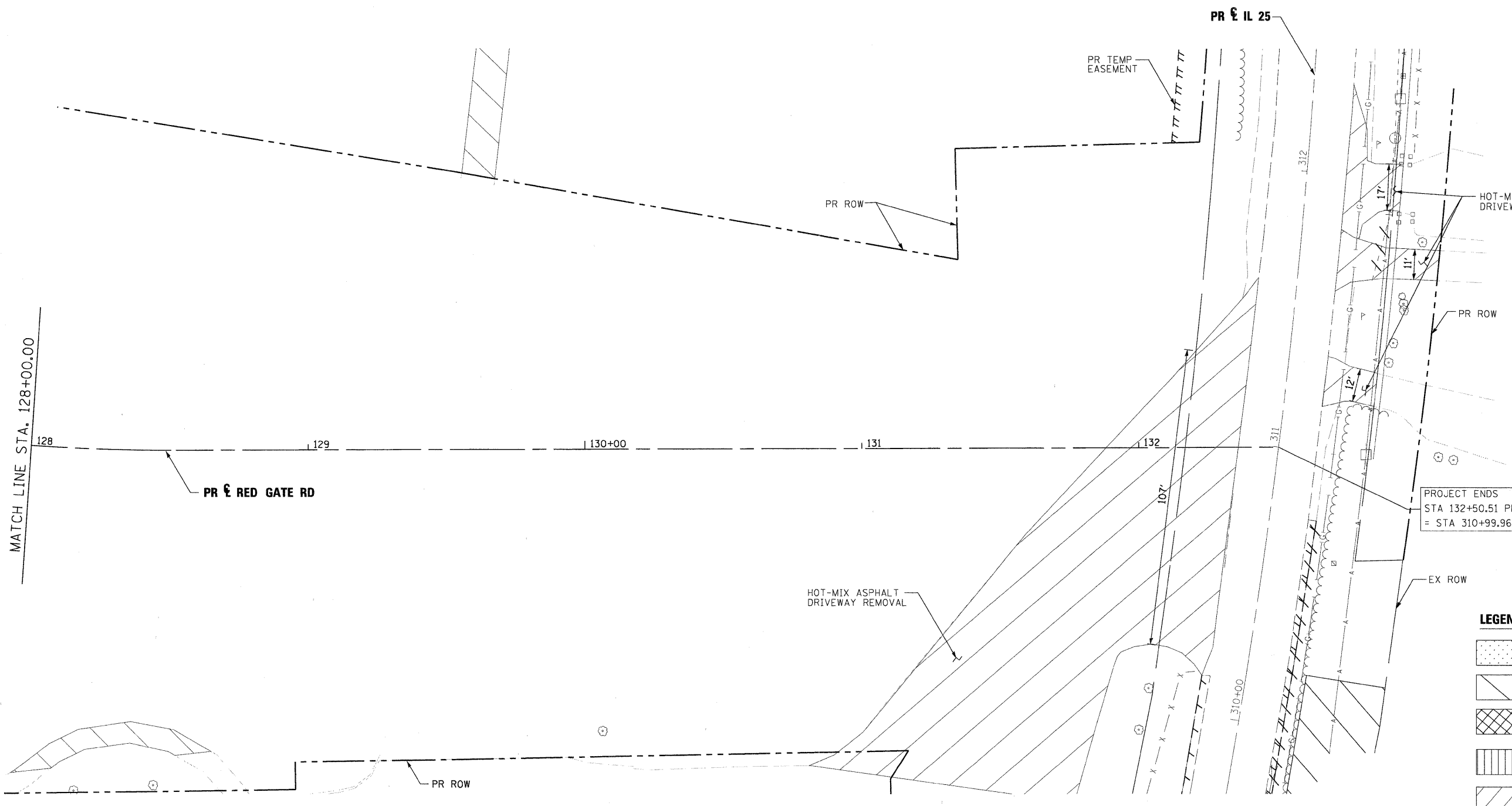
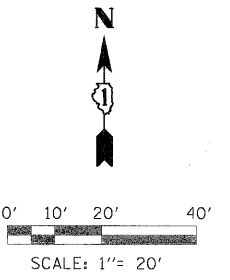


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
RED GATE ROAD**

SCALE: 1"=20' SHEET NO. 6 OF 13 SHEETS STA. 122+00.00 TO STA. 128+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	44
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT PATCHING
 - SHOULDER REMOVAL
 - TREE REMOVAL, ACRES
 - SIGN REMOVAL
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL
 - CURB AND GUTTER REMOVAL
 - DRAINAGE PIPE REMOVAL
 - FENCE REMOVAL
 - STRUCTURE REMOVAL
 - EXISTING SIGNAL REMOVAL

PLOT SCALE: 1"=20'
 C:\Users\toddblenk\Local Workspaces\Projects\RedGateRem\RedGateRem.dgn
 USER NAME: toddblenk
 PLOT DATE: 11/21/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...prpIn-ABC-shr-RedGate-rem-07.dgn	DRAWN - TMB	REVISED -
USER NAME = toddblenk	CHECKED - RMT	REVISED -
PLOT DATE = 11/21/2011	DATE - 10/23/2011	REVISED -

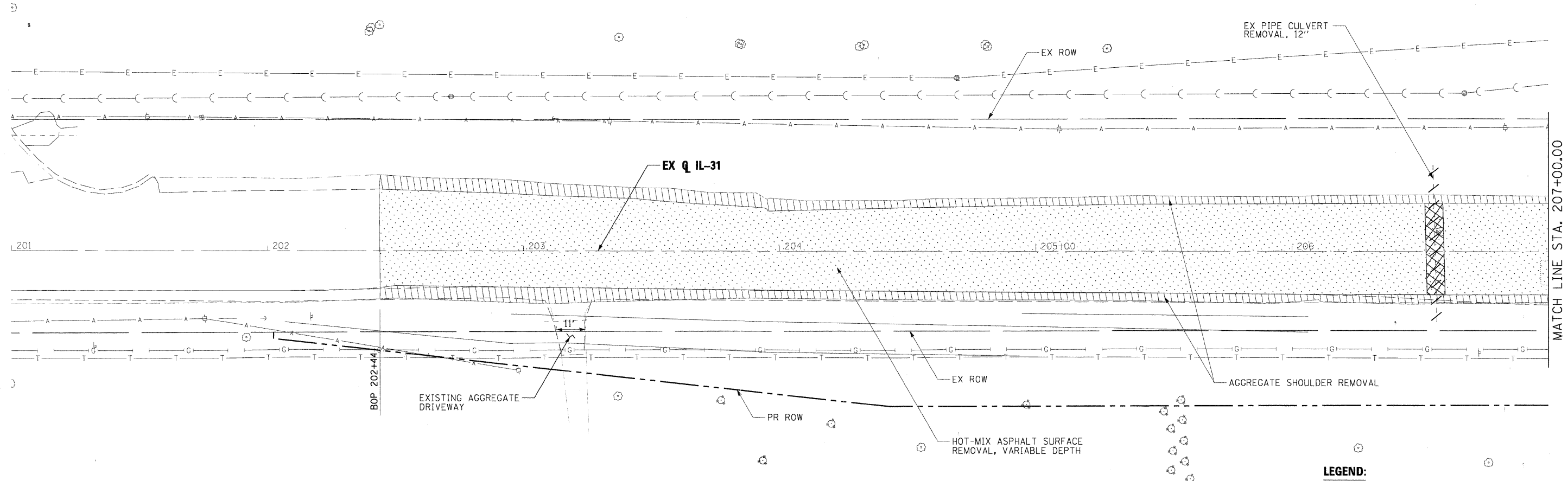
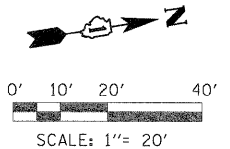


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
RED GATE ROAD**

SCALE: 1"=20' SHEET NO. 7 OF 13 SHEETS STA. 128+00.00 TO STA. 132+50.51

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	45
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 207+00.00

NOTE
 REFER TO WATERMAIN SHEET (148)
 FOR ADDITIONAL REMOVAL, SOUTH
 AT STA 192+75 (+/-)

- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT PATCHING
 - SHOULDER REMOVAL
 - TREE REMOVAL, ACRES
 - SIGN REMOVAL
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL
 - CURB AND GUTTER REMOVAL
 - DRAINAGE PIPE REMOVAL
 - FENCE REMOVAL
 - STRUCTURE REMOVAL
 - EXISTING SIGNAL REMOVAL

PLOT DATE = 11/21/2011
 USER NAME = toddblank
 ...\\ppin-abc-shr-IL31-rem-24.dgn
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DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

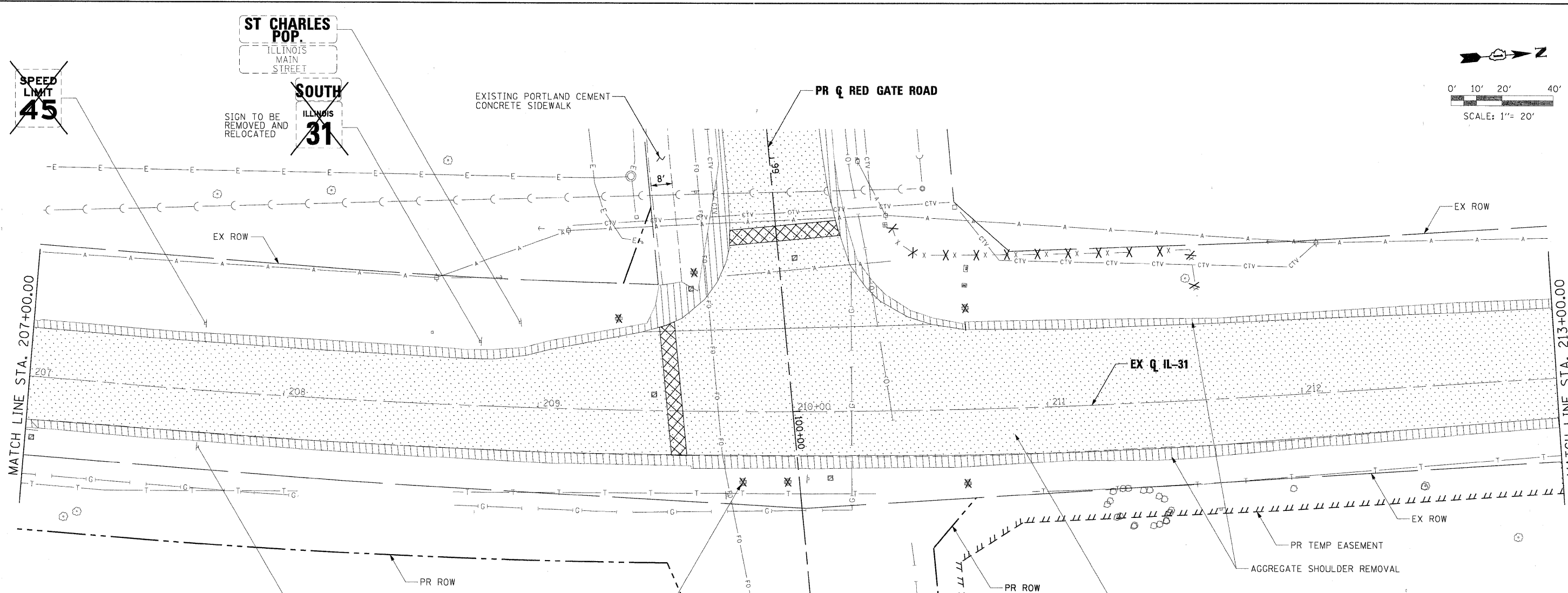
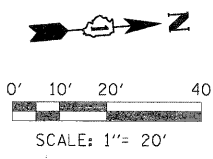


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
 IL 31**

SCALE: 1"=20' SHEET NO. 8 OF 13 SHEETS STA. BOP TO STA. 207+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	46
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT PATCHING
 - SHOULDER REMOVAL
 - TREE REMOVAL, ACRES
 - SIGN REMOVAL
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL
 - CURB AND GUTTER REMOVAL
 - DRAINAGE PIPE REMOVAL
 - FENCE REMOVAL
 - STRUCTURE REMOVAL
 - EXISTING SIGNAL REMOVAL

NOTE
 1. FOR TRAFFIC SIGNALS REMOVAL AND STAGING SEE MAINTENANCE OF TRAFFIC PLAN AND TEMPORARY SIGNAL PLANS

PLOT SCALE: 1/8" = 1' FILE NAME: ... USER NAME: ... PLOT DATE: 11/21/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...prp1n-abc-sht-il31-ren-25.dgn	DRAWN - TMB	REVISED -
USER NAME = todablenk	CHECKED - RMT	REVISED -
PLOT DATE = 11/21/2011	DATE - 10/23/2011	REVISED -

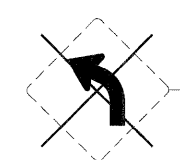
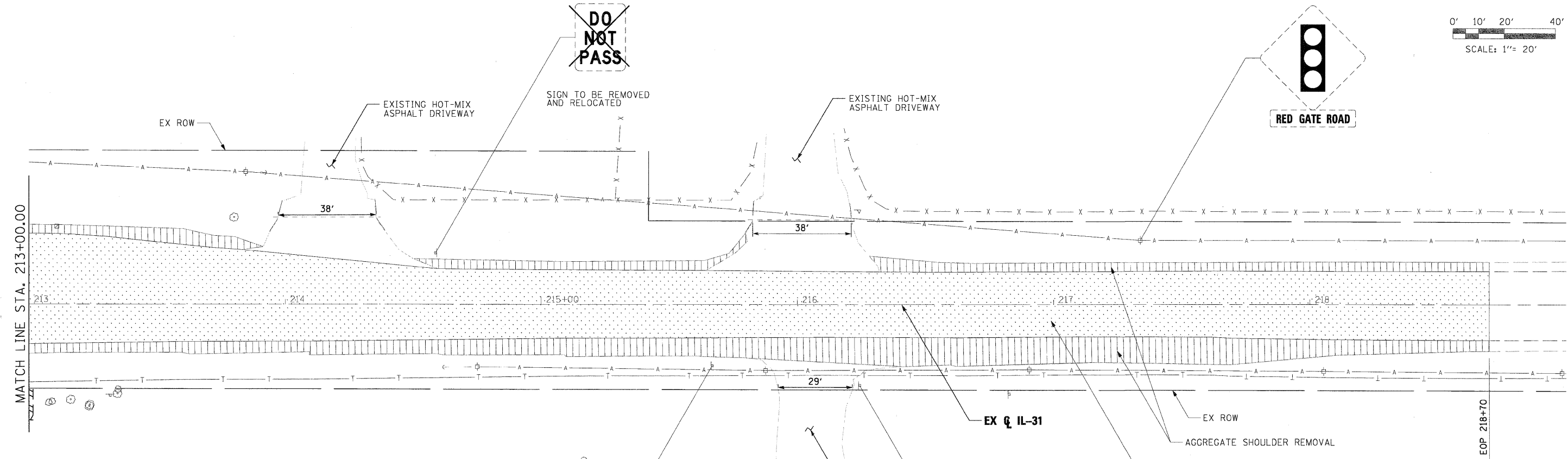
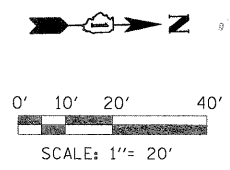


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
 IL 31**

SCALE: 1"=20' SHEET NO. 9 OF 13 SHEETS STA. 207+00.00 TO STA. 213+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	47
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



SIGN TO BE REMOVED AND RELOCATED



EXISTING AGGREGATE DRIVEWAY

LEGEND:

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT PATCHING
- SHOULDER REMOVAL
- TREE REMOVAL, ACRES
- SIGN REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CURB AND GUTTER REMOVAL
- DRAINAGE PIPE REMOVAL
- FENCE REMOVAL
- STRUCTURE REMOVAL
- EXISTING SIGNAL REMOVAL

PLOT DATE = 11/21/2011
 USER NAME = toddblenk
 FILE NAME = ...\\prpln-abc-sht-il31-rem-26.dgn
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DESIGNED - MAC	REVISÉD -
DRAWN - TMB	REVISÉD -
CHECKED - RMT	REVISÉD -
DATE - 10/23/2011	REVISÉD -

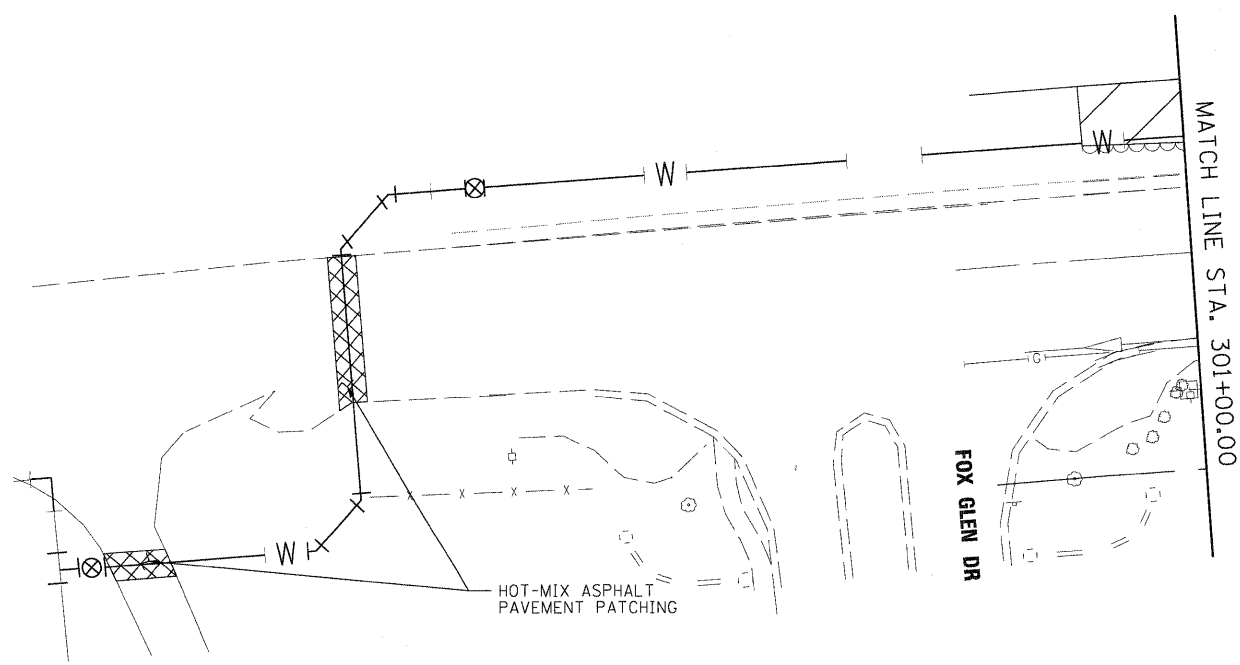
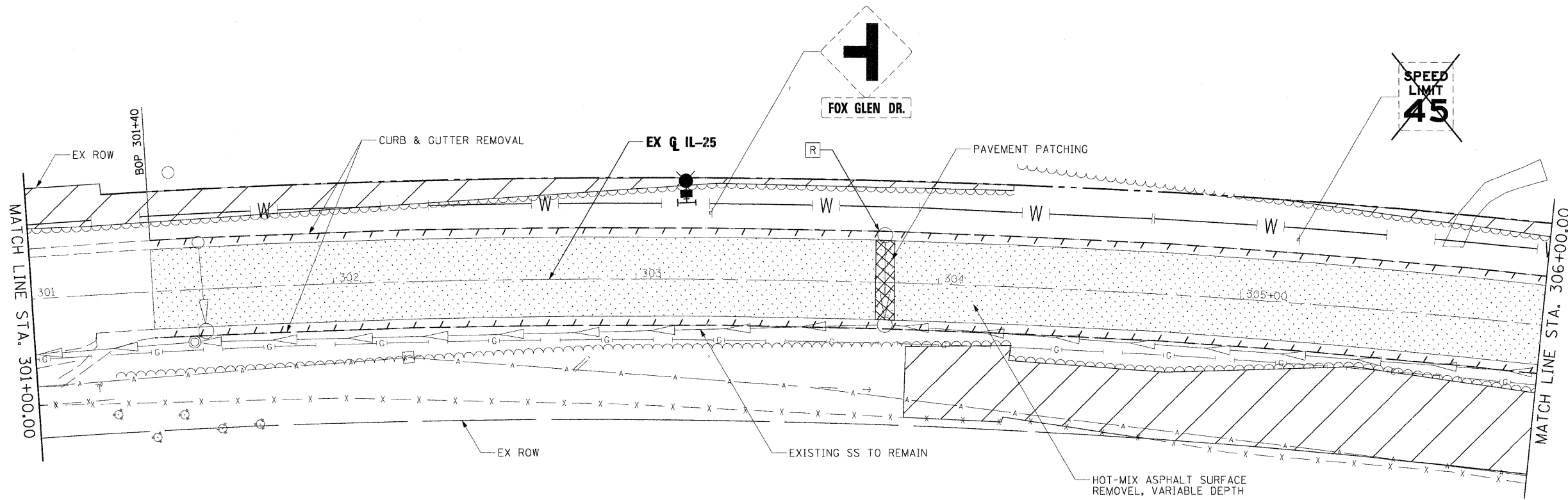
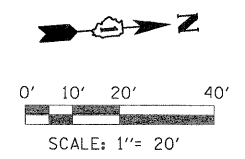


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
IL 31**

SCALE: 1"=20' SHEET NO. 10 OF 13 SHEETS STA. 213+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	48
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



LEGEND:

	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT PATCHING
	SHOULDER REMOVAL
	TREE REMOVAL, ACRES
	SIGN REMOVAL
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	CURB AND GUTTER REMOVAL
	DRAINAGE PIPE REMOVAL
	FENCE REMOVAL
	STRUCTURE REMOVAL
	EXISTING SIGNAL REMOVAL

PLOT SCALE: 1"=20'
 FILE NAME: \\server\p1\abc\shc-IL25-rem-21.dgn
 USER NAME: toddblank
 PLOT DATE: 11/21/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

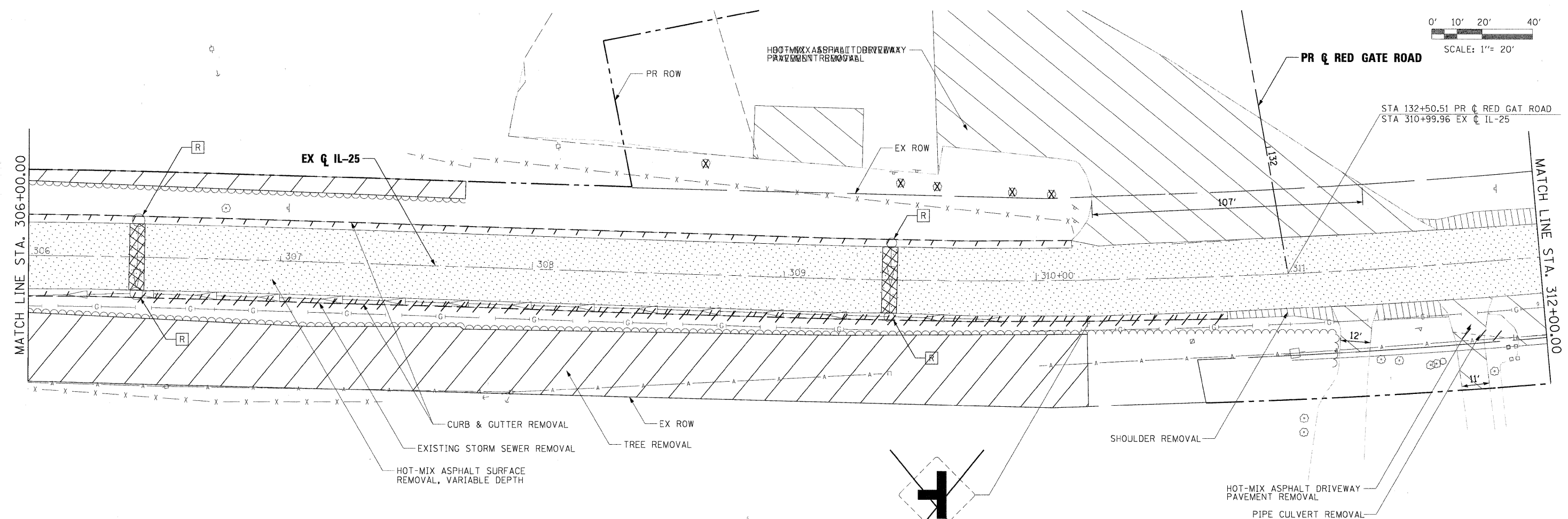
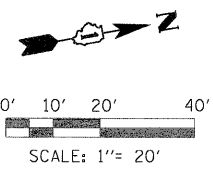


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
IL 25**

SCALE: 1"=20' SHEET NO. 11 OF 13 SHEETS STA. BOP TO STA. 306+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	49
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - DRIVEWAY PAVEMENT REMOVAL
 - PAVEMENT PATCHING
 - SHOULDER REMOVAL
 - TREE REMOVAL, ACRES
 - SIGN REMOVAL
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL
 - CURB AND GUTTER REMOVAL
 - DRAINAGE PIPE REMOVAL
 - FENCE REMOVAL
 - STRUCTURE REMOVAL
 - EXISTING SIGNAL REMOVAL

PLOT DATE = 11/21/2011
 USER NAME = toddblank
 ...\\prpln-abc-sht-IL25-rem-02.dgn
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DESIGNED - MAC	REVISIONS
DRAWN - TMB	REVISIONS
CHECKED - RMT	REVISIONS
DATE - 10/23/2011	REVISIONS

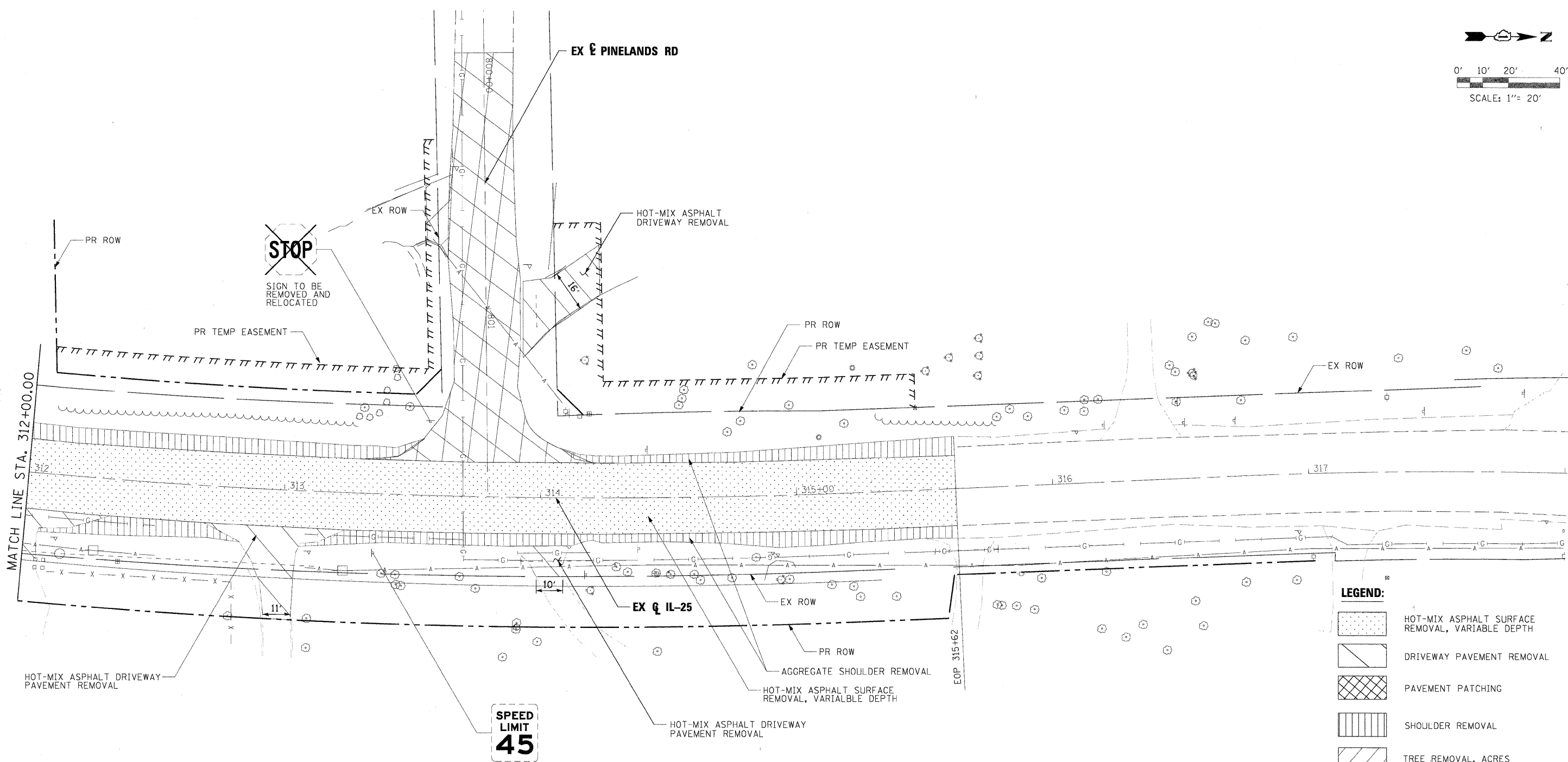
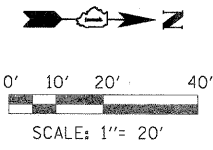


CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
IL 25**

SCALE: 1"=20' SHEET NO. 12 OF 13 SHEETS STA. 306+00.00 TO STA. 312+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	50
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



LEGEND:

	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT PATCHING
	SHOULDER REMOVAL
	TREE REMOVAL, ACRES
	SIGN REMOVAL
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	CURB AND GUTTER REMOVAL
	DRAINAGE PIPE REMOVAL
	FENCE REMOVAL
	STRUCTURE REMOVAL
	EXISTING SIGNAL REMOVAL

PLOT SCALE: 1"=20'
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 USER NAME = toddblank
 PLOT DATE = 11/21/2011

FILE NAME =	DESIGNED - MAC	REVISED -
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USER NAME = toddblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/21/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

**ROADWAY REMOVAL PLAN
IL 25**

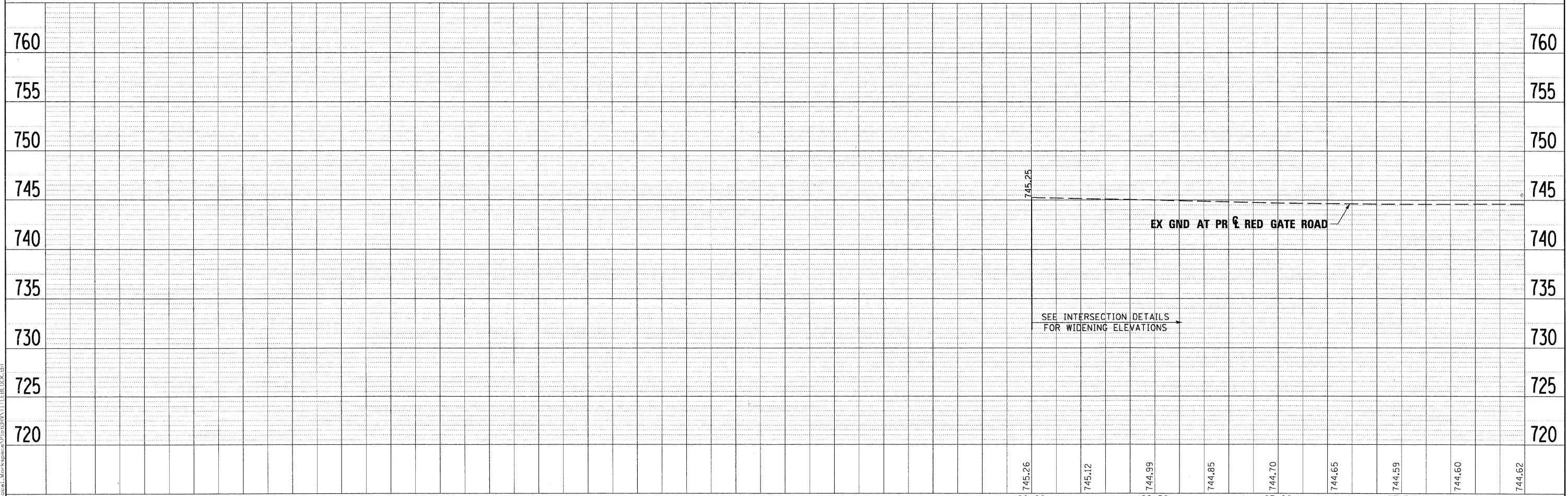
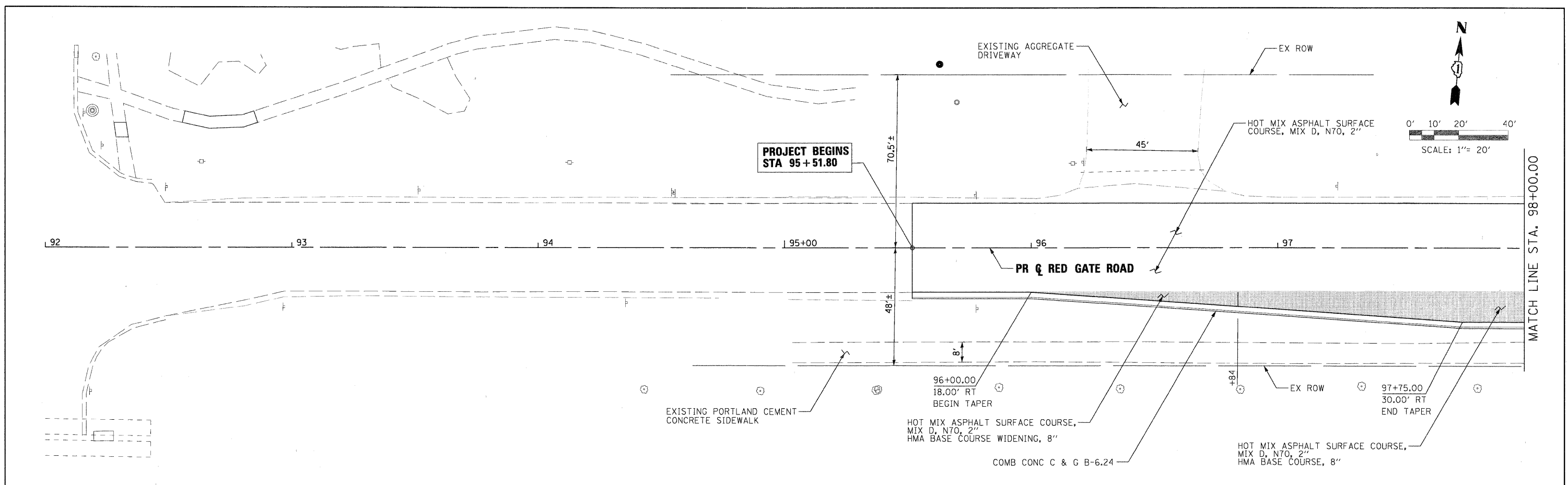
SCALE: 1"=20' SHEET NO. 13 OF 13 SHEETS STA. 312+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	51
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				

PLAN SURVEYED _____ BY _____ DATE _____
 ALIGNED CHECKED _____
 RT. OF WAY CHECKED _____
 CADD FILE NAME _____
 NO. _____

PROFILE SURVEYED _____ BY _____ DATE _____
 PLOTTED CHECKED _____
 BAW NOTED _____
 STRUCTURE NOTATIONS OK'D _____
 NO. _____

PLOT SCALE: 1"=20'
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USER NAME = toddblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/21/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

PLAN AND PROFILE
 RED GATE ROAD

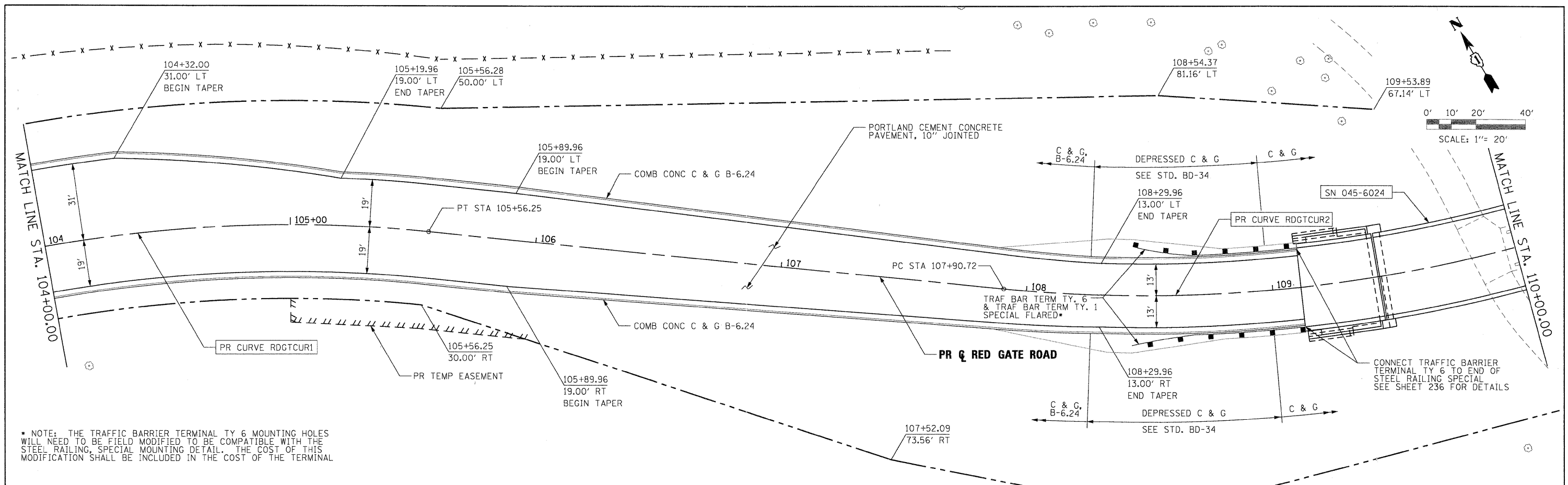
SCALE: 1"=20' SHEET NO. 1 OF 14 SHEETS STA. TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	52
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				

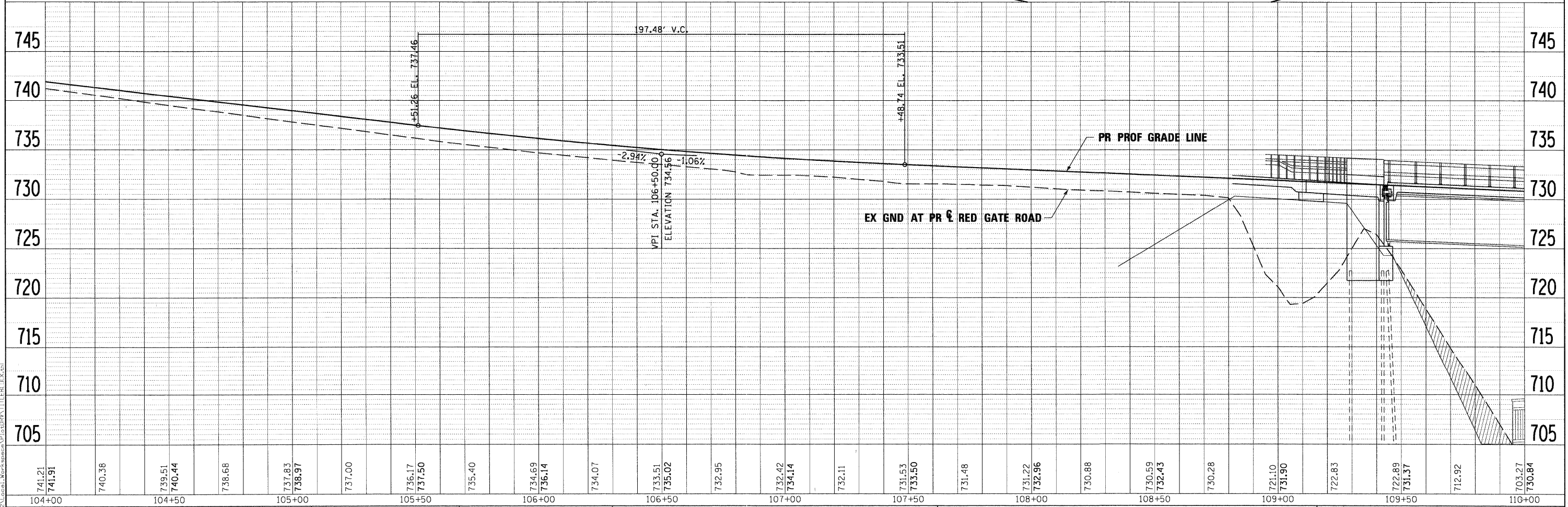
PLAN
 SURVEYED
 ALIGNED
 CHECKED
 RT. OF WAY
 CHECKED
 DATE FILE NAME
 NO.

PROFILE
 SURVEYED
 PLOTTED
 CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS OK'D
 DATE
 NO.

PLOT SCALE: 1/8" = 10'-0"
 PLOT DATE: 11/18/2011
 FILE NAME: \\p\proj\ABC\shd-RedGate\plnprf-83.dgn
 USER NAME: mcoleman
 PLOT DATE: 11/18/2011



* NOTE: THE TRAFFIC BARRIER TERMINAL TY 6 MOUNTING HOLES WILL NEED TO BE FIELD MODIFIED TO BE COMPATIBLE WITH THE STEEL RAILING, SPECIAL MOUNTING DETAIL. THE COST OF THIS MODIFICATION SHALL BE INCLUDED IN THE COST OF THE TERMINAL



741.21	741.91	740.38	739.51	740.44	738.68	737.83	738.97	737.00	736.17	737.50	735.40	734.69	736.14	734.07	733.51	735.02	732.95	732.42	734.14	732.11	731.53	733.50	731.48	731.22	732.96	730.88	730.59	732.43	730.28	721.10	731.90	722.83	722.89	731.37	712.92	703.27	730.84	
104+00			104+50			105+00			105+50			106+00			106+50			107+00			107+50			108+00			108+50			109+00			109+50					110+00

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

PLAN AND PROFILE
 RED GATE ROAD

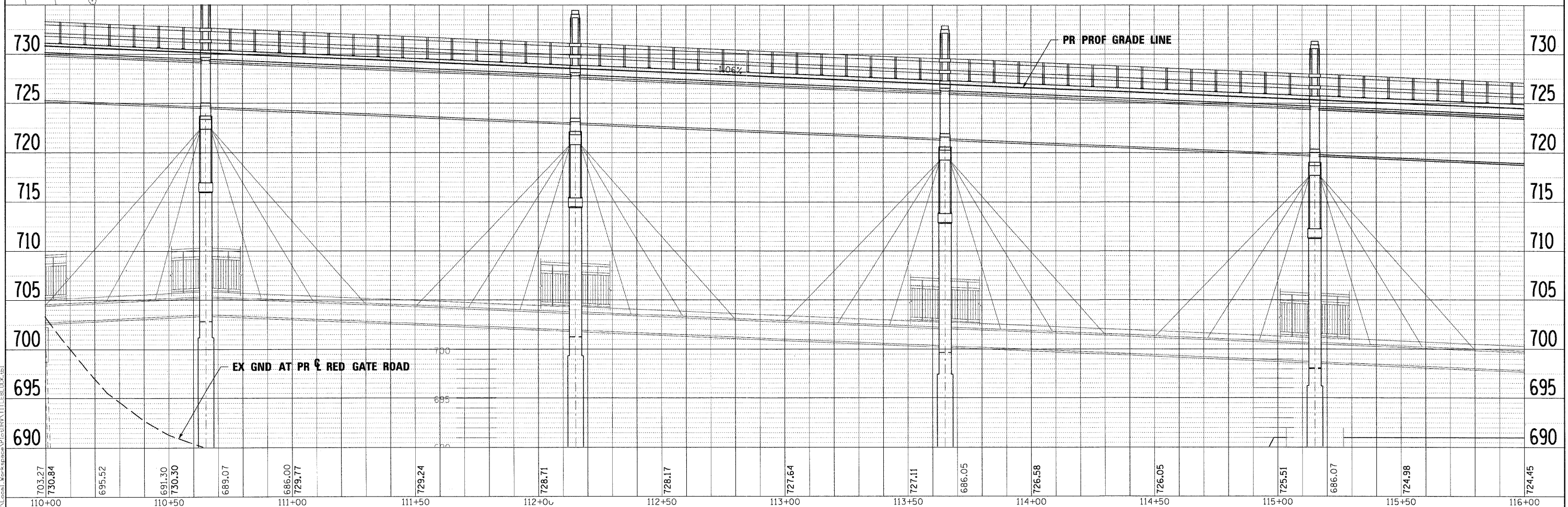
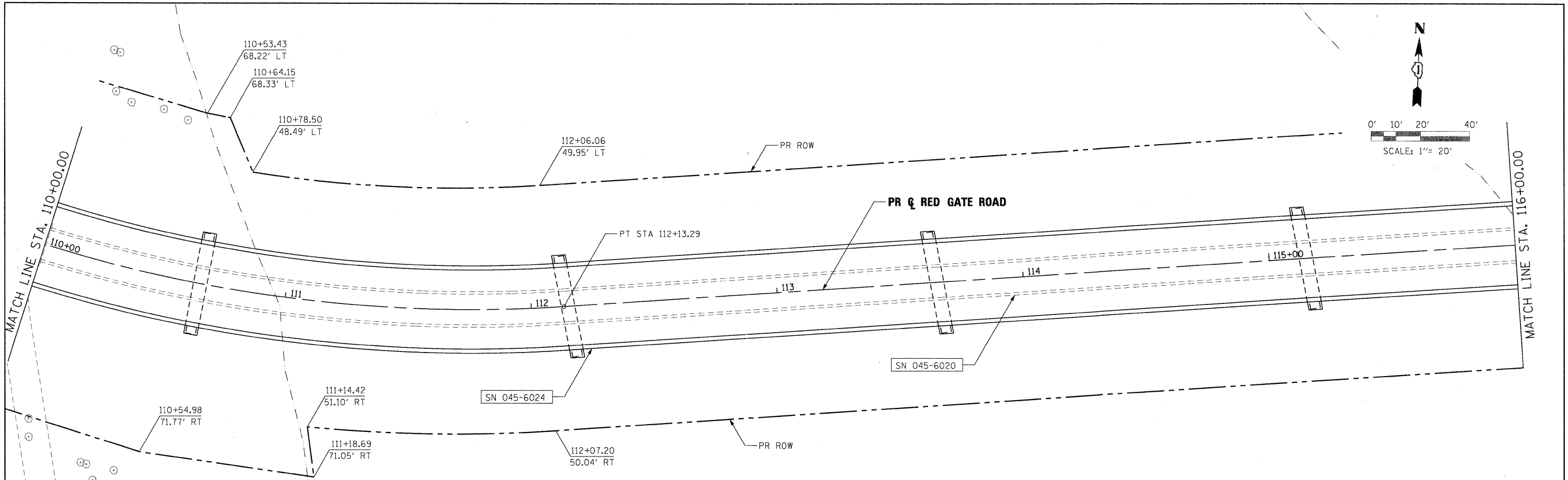
SCALE: 1"=20' SHEET NO. 3 OF 14 SHEETS STA. 104+00.00 TO STA. 110+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	54
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY	
CADD FILE NAME	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
CHECKED	
BY	
NOTED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	

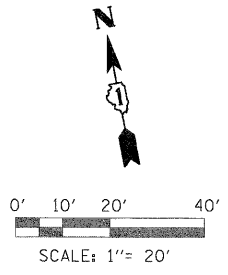
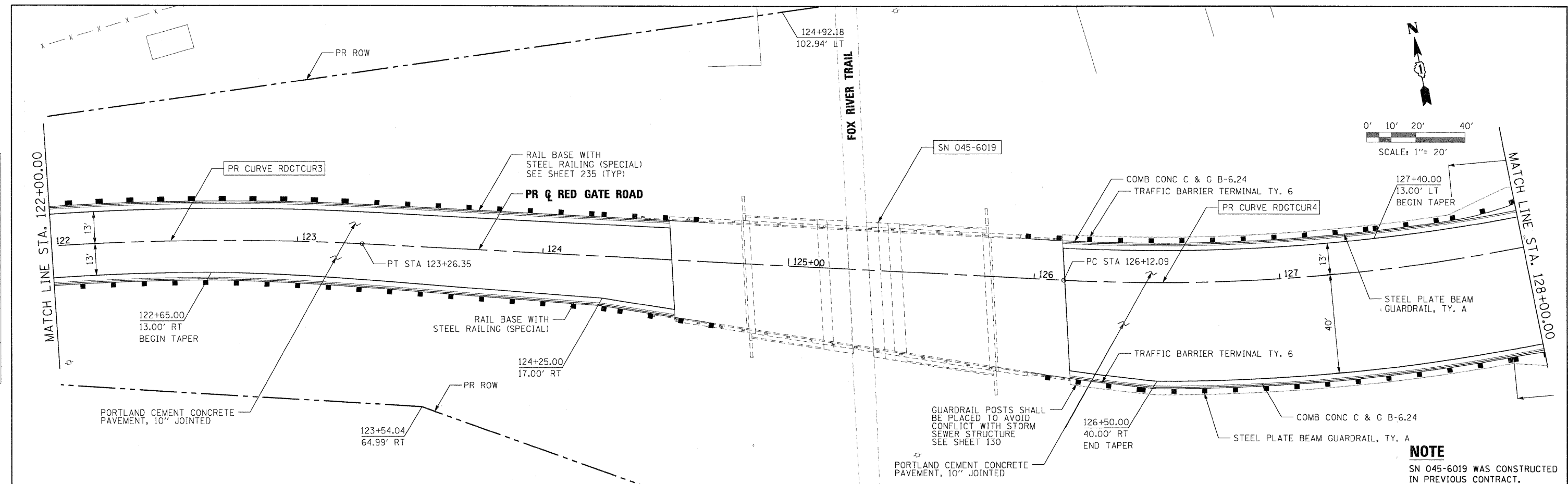
PLOT SCALE: 1/2"=20'
 PLOT DATE: 11/12/2011
 FILE NAME: ...
 DRAWN: TMB
 CHECKED: RMT
 DATE: 10/23/2011



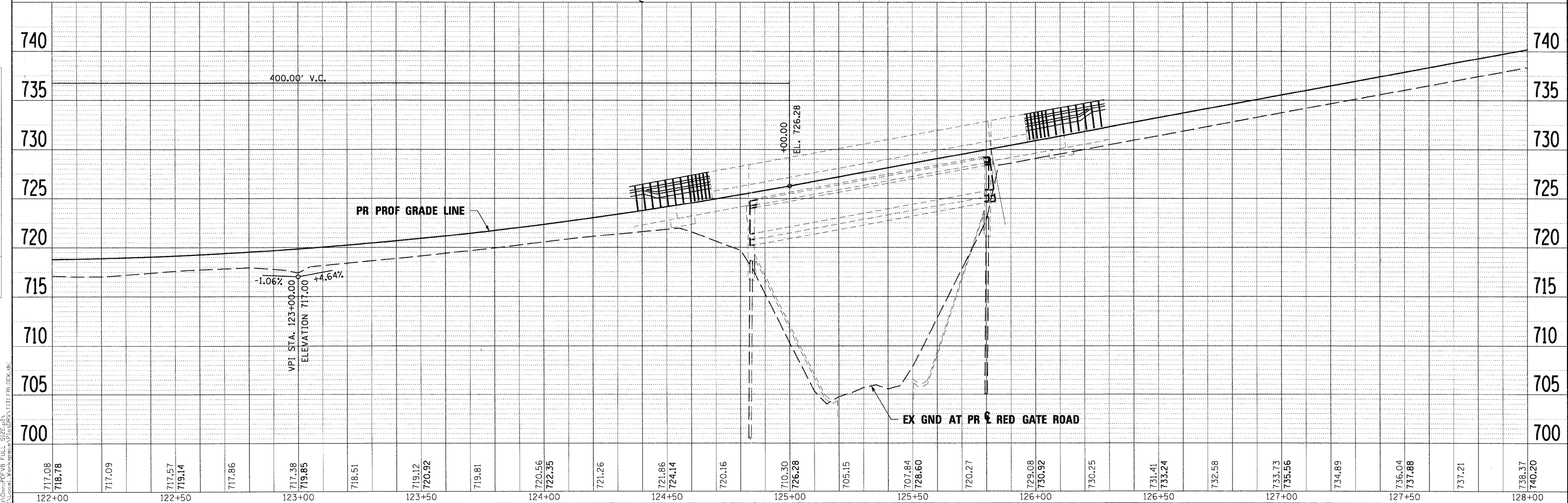
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DRAWN - TMB	REVISED -				04-00092-00-BR	KANE	440	55			
CHECKED - RMT	REVISED -				CONTRACT NO. 63650						
DATE - 10/23/2011	REVISED -				ILLINOIS FED. AID PROJECT						
SCALE: 1"=20' SHEET NO. 4 OF 14 SHEETS STA. 110+00.00 TO STA. 116+00.00											

PLAN	SURVEYED	DATE
	ALIGNED	BY
	NOTED	
	CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	ALIGNED	BY
	NOTED	
	CHECKED	
	NO.	



NOTE
SN 045-6019 WAS CONSTRUCTED IN PREVIOUS CONTRACT.



FILE NAME =	DESIGNED - MAC	REVISED -
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USER NAME = mooleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE = 10/23/2011	REVISED -



CITY OF ST. CHARLES

PLAN AND PROFILE
RED GATE ROAD

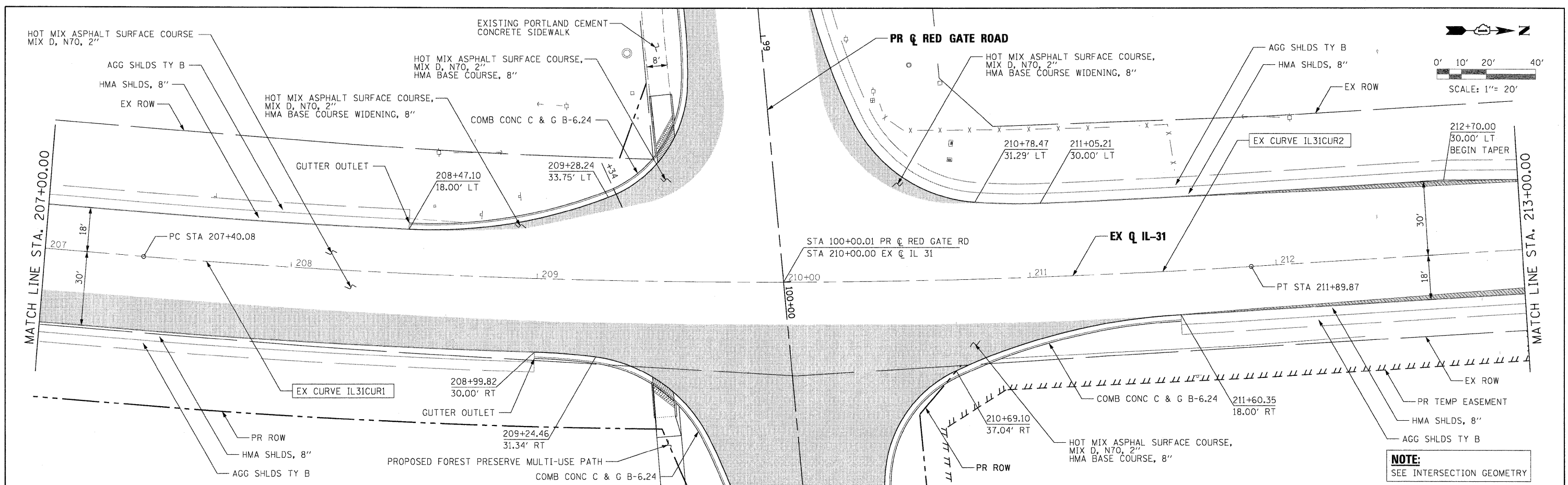
SCALE: 1"=20' SHEET NO. 6 OF 14 SHEETS STA. 122+00.00 TO STA. 128+00.00

F.A. REF.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	57
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

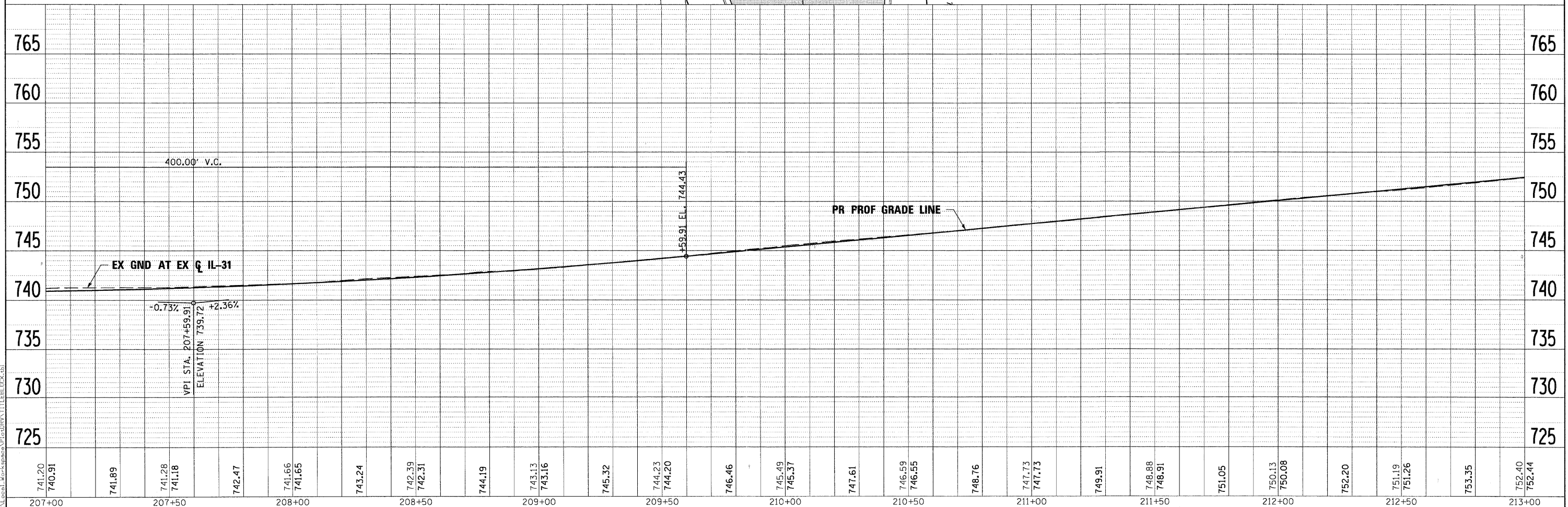
BY	DATE
SURVEYED	
ALIGNED	
CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	

BY	DATE
PROFILE SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	

PLOT SCALE: 1/2"=20'
 Local: workspace\p\cadd\work\04-00092-00\BR\916.FLL SIZE: pt
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NOTE:
 SEE INTERSECTION GEOMETRY

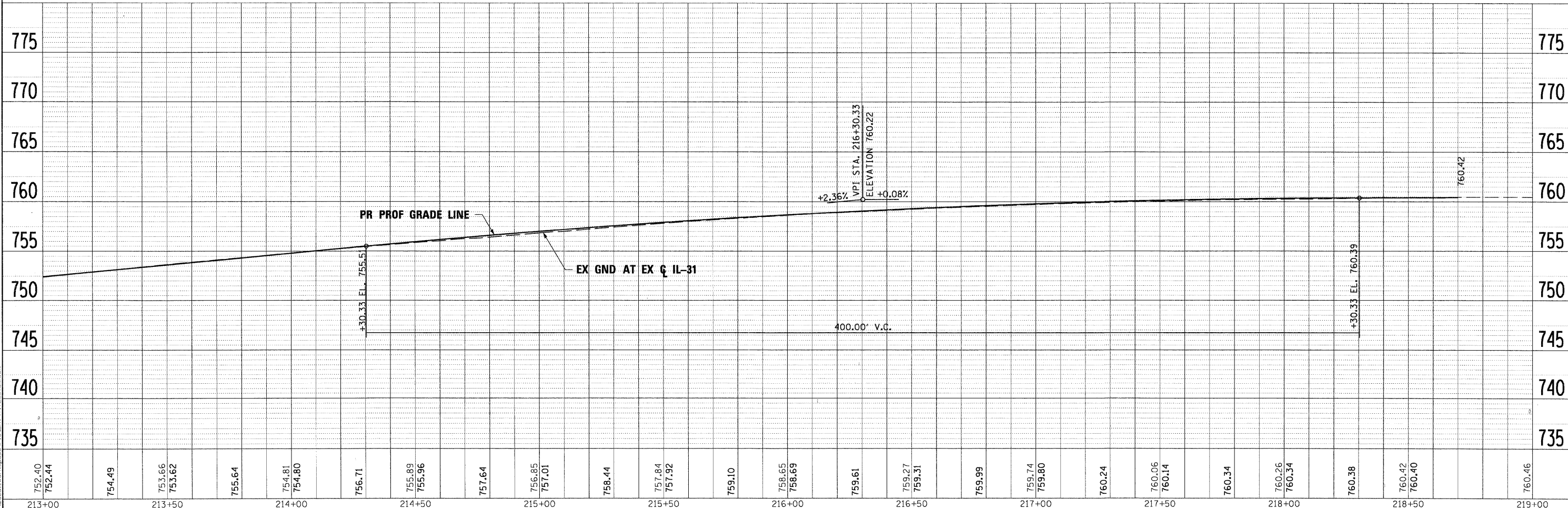
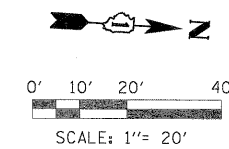
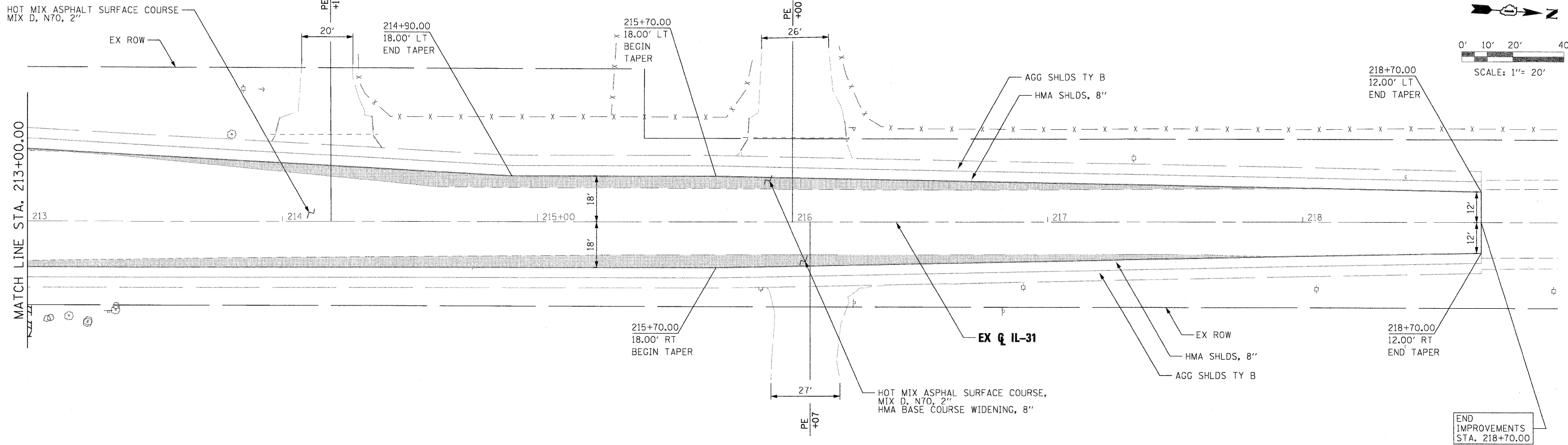


741.20	740.91	741.89	741.28	741.18	742.47	741.66	741.65	743.24	742.39	742.31	744.19	743.13	743.16	745.32	744.23	744.20	746.46	745.49	745.37	747.61	746.59	746.55	748.76	747.73	747.73	749.91	748.88	748.91	751.05	750.13	750.08	752.20	751.19	751.26	753.35	752.40	752.44	
207+00			207+50			208+00			208+50			209+00			209+50			210+00			210+50			211+00			211+50			212+00			212+50			213+00		
FILE NAME =		DESIGNED - MAC	REVISED -	DRAWN - TMB		REVISED -	CHECKED - RMT		REVISED -	DATE - 10/23/2011		REVISED -	SCALE: 1"=20'		SHEET NO. 9 OF 14 SHEETS		STA. 207+00.00 TO STA. 213+00.00		PLAN AND PROFILE IL 31		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.													
USER NAME = toddblank		CITY OF ST. CHARLES		benesch engineers - scientists - planners		CITY OF ST. CHARLES		CONTRACT NO. 63650		ILLINOIS FED. AID PROJECT		04-00092-00-BR		KANE		440		60																				

PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	STRUCTURE NOTATIONS		
	CADD FILE NAME		

PLOT SCALE: 1"=20'
 FILE NAME: ...
 USER NAME: moeimen
 PLOT DATE: 11/18/2011



FILE NAME =	DESIGNED - MAC	REVISED -
...prpln-abc-sht-il31-plnpr-f-13.dgn	DRAWN - TMB	REVISED -
USER NAME = moeimen	CHECKED - RMT	REVISED -
PLOT DATE = 11/18/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

PLAN AND PROFILE
 IL 31

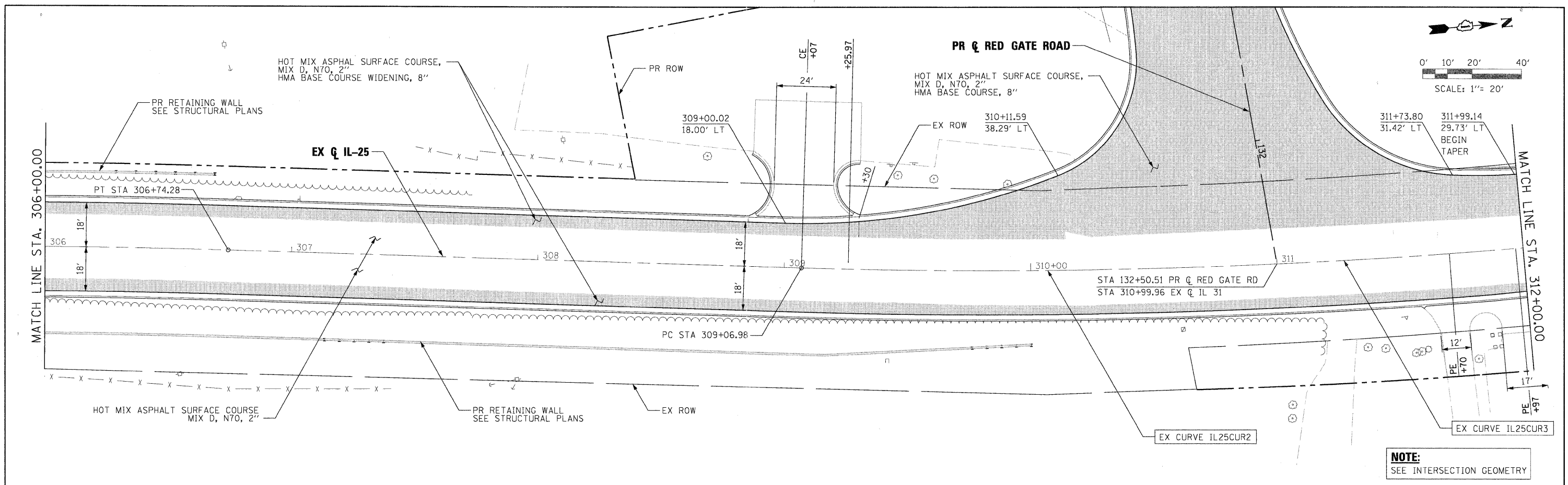
SCALE: 1"=20' SHEET NO. 10 OF 14 SHEETS STA. 213+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	61
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

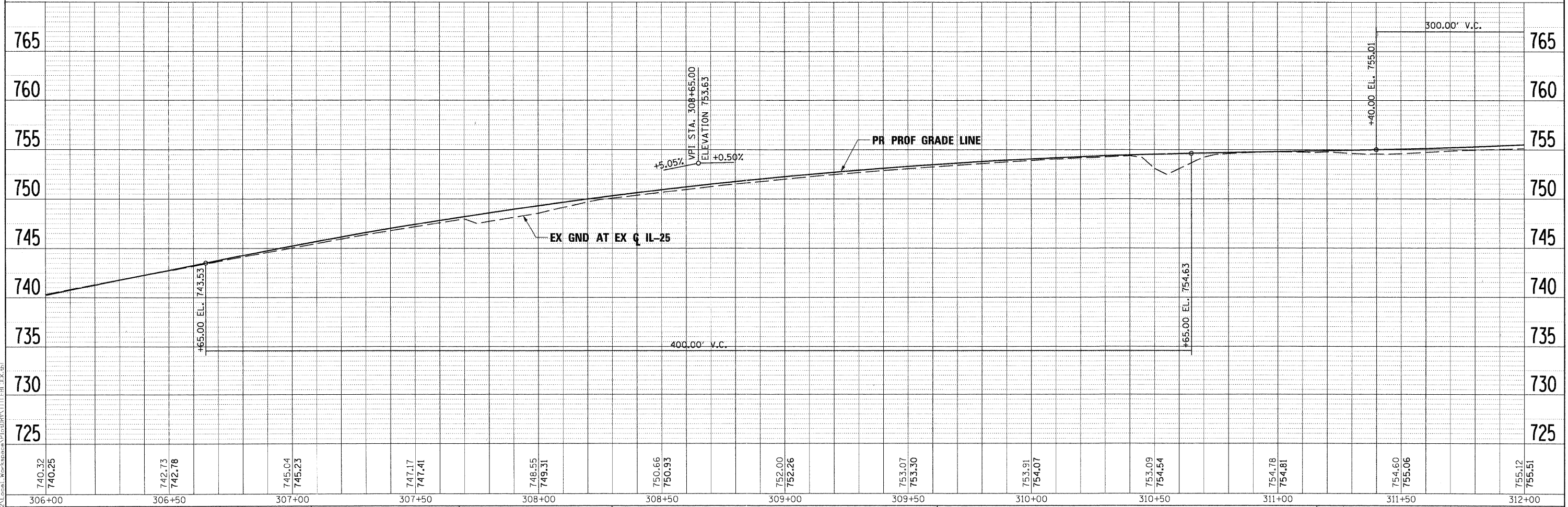
PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	PT. OF WAY		
	CHECKED		
	NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	BLM. NOTED		
	NO.		
	STRUCTURE		
	NOTATIONS		
	CHKD		

PLOT SCALE: 1/2"=20'
 X:\Projects\04-00092-00-00\Drawings\Profile\PRF_IL25.dgn
 11/18/2011 10:23:11 AM



NOTE:
 SEE INTERSECTION GEOMETRY



740.32	740.25	742.73	742.78	745.04	745.23	747.17	747.41	748.55	749.31	750.66	750.93	752.00	752.26	753.07	753.30	753.91	754.07	753.09	754.54	754.78	754.81	754.60	755.06	755.12	755.51
306+00	306+50	307+00	307+50	308+00	308+50	309+00	309+50	310+00	310+50	311+00	311+50	312+00													

FILE NAME =	DESIGNED - MAC	REVISED -
...prpln-abc-sht-il25-plnprf-09.dgn	DRAWN - TMB	REVISED -
USER NAME = mooleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/18/2011	DATE - 10/23/2011	REVISED -

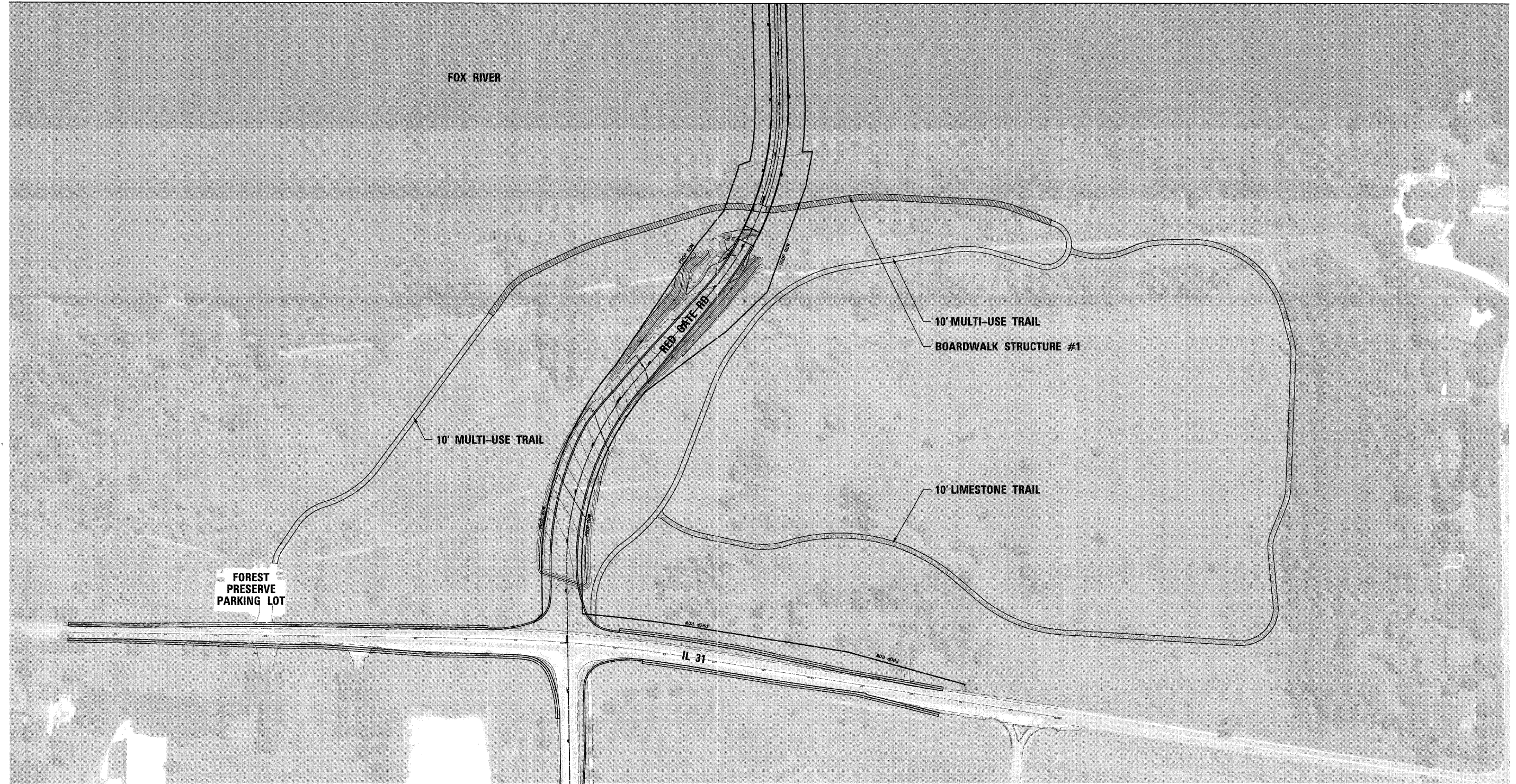


CITY OF ST. CHARLES

PLAN AND PROFILE
 IL 25

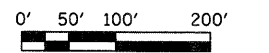
SCALE: 1"=20' SHEET NO. 12 OF 14 SHEETS STA. 306+00.00 TO STA. 312+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	63
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	



NOTE

AERIAL PHOTOGRAPH IS PROVIDED FOR REFERENCE ONLY AND DOES NOT DEPICT TREE CLEARING AND OTHER WORK ACTIVITIES COMPLETED AS PART OF AN ADVANCE CONTRACT.



SCALE: 1" = 100'

FILE NAME =	DESIGNED - BD/WS	REVISED
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -
PLOT DATE = 11/8/2011	CHECKED - WS	REVISED -
	DATE - 10/24/2011	REVISED -



CITY OF ST. CHARLES

**RED GATE ROAD
IMPROVEMENTS - WEST BANK**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	66
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 66

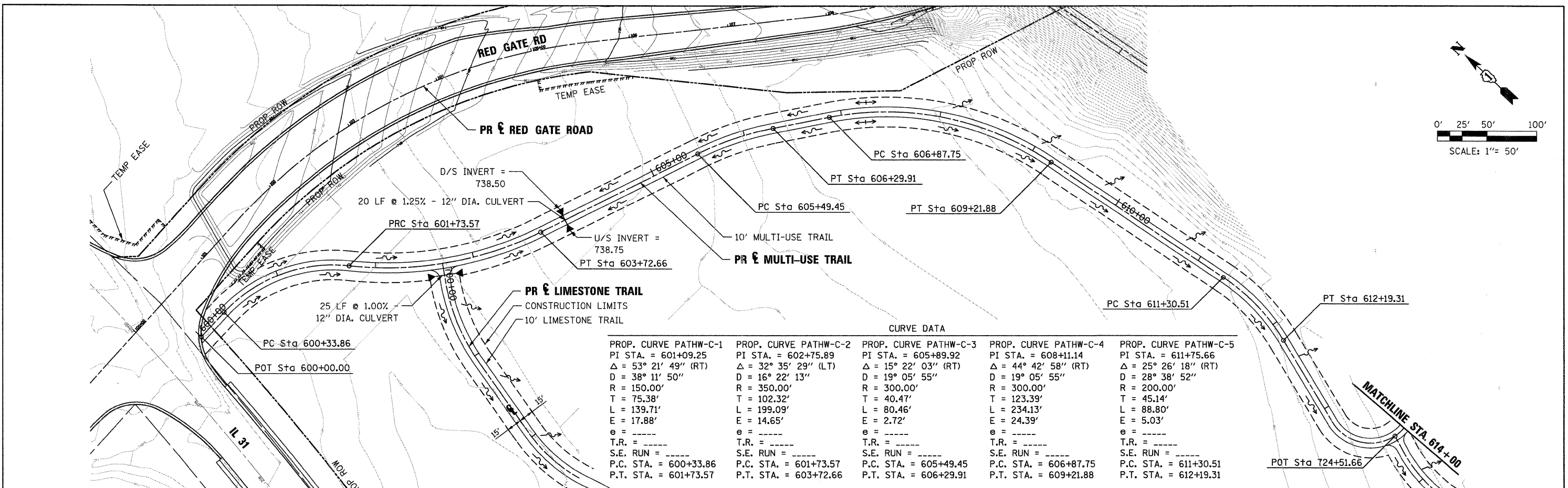
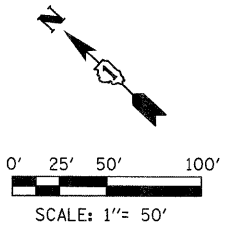
FILE NAME =	DESIGNED - BD/WS	REVISED
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -
PLOT DATE = 11/8/2011	CHECKED - WS	REVISED -
	DATE - 10/24/2011	REVISED -

TERRA
ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
(312)467-0123

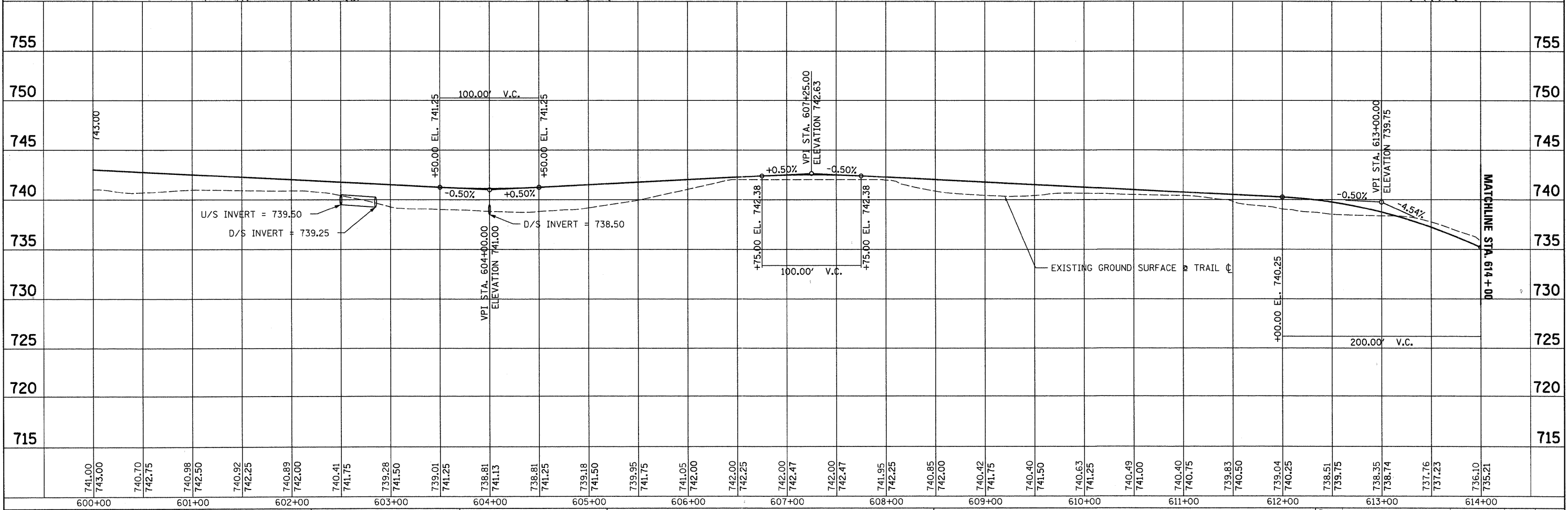
CITY OF ST. CHARLES

RED GATE ROAD IMPROVEMENTS - EAST BANK				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

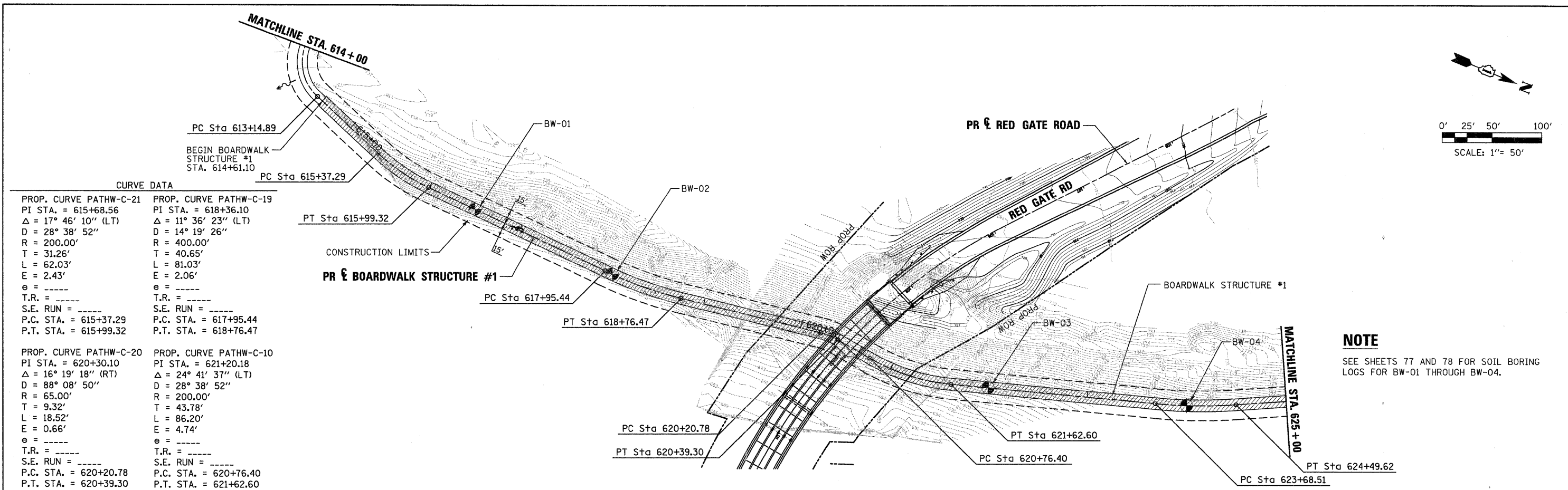
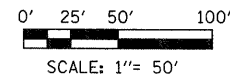
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	67
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



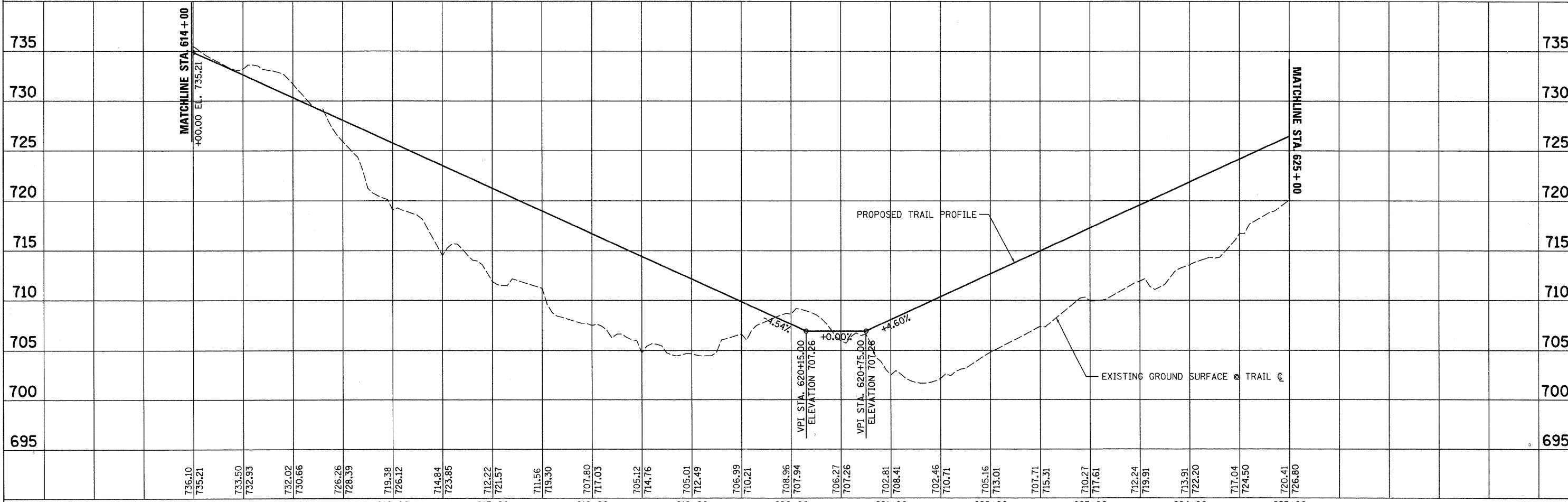
CURVE DATA				
PROP. CURVE PATHW-C-1 PI STA. = 601+09.25 Δ = 53° 21' 49" (RT) D = 38° 11' 50" R = 150.00' T = 75.38' L = 139.71' E = 17.88' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 600+33.86 P.T. STA. = 601+73.57	PROP. CURVE PATHW-C-2 PI STA. = 602+75.89 Δ = 32° 35' 29" (LT) D = 16° 22' 13" R = 350.00' T = 102.32' L = 199.09' E = 14.65' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 601+73.57 P.T. STA. = 603+72.66	PROP. CURVE PATHW-C-3 PI STA. = 605+89.92 Δ = 15° 22' 03" (RT) D = 19° 05' 55" R = 300.00' T = 40.47' L = 80.46' E = 2.72' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 605+49.45 P.T. STA. = 606+29.91	PROP. CURVE PATHW-C-4 PI STA. = 608+11.14 Δ = 44° 42' 58" (RT) D = 19° 05' 55" R = 300.00' T = 123.39' L = 234.13' E = 24.39' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 606+87.75 P.T. STA. = 609+21.88	PROP. CURVE PATHW-C-5 PI STA. = 611+75.66 Δ = 25° 26' 18" (RT) D = 28° 38' 52" R = 200.00' T = 45.14' L = 88.80' E = 5.03' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 611+30.51 P.T. STA. = 612+19.31



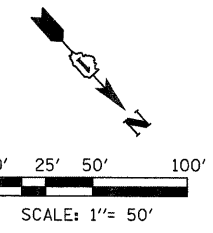
FILE NAME = BWALK_WEST_PP_01.dgn	DESIGNED - BAD/WGS	REVISED -	<p>225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123</p>	<p align="center">CITY OF ST. CHARLES</p>	<p align="center">RED GATE ROAD</p> <p align="center">TRAIL AND BOARDWALK ALIGNMENT AND PROFILE - WEST BANK</p>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BAD	REVISED -				434	68			
PLOT DATE = 11/8/2011	CHECKED - WGS	REVISED -				CONTRACT NO.				
DATE = 02.28.11	REVISIED -	REVISED -				ILLINOIS FED. AID PROJECT				



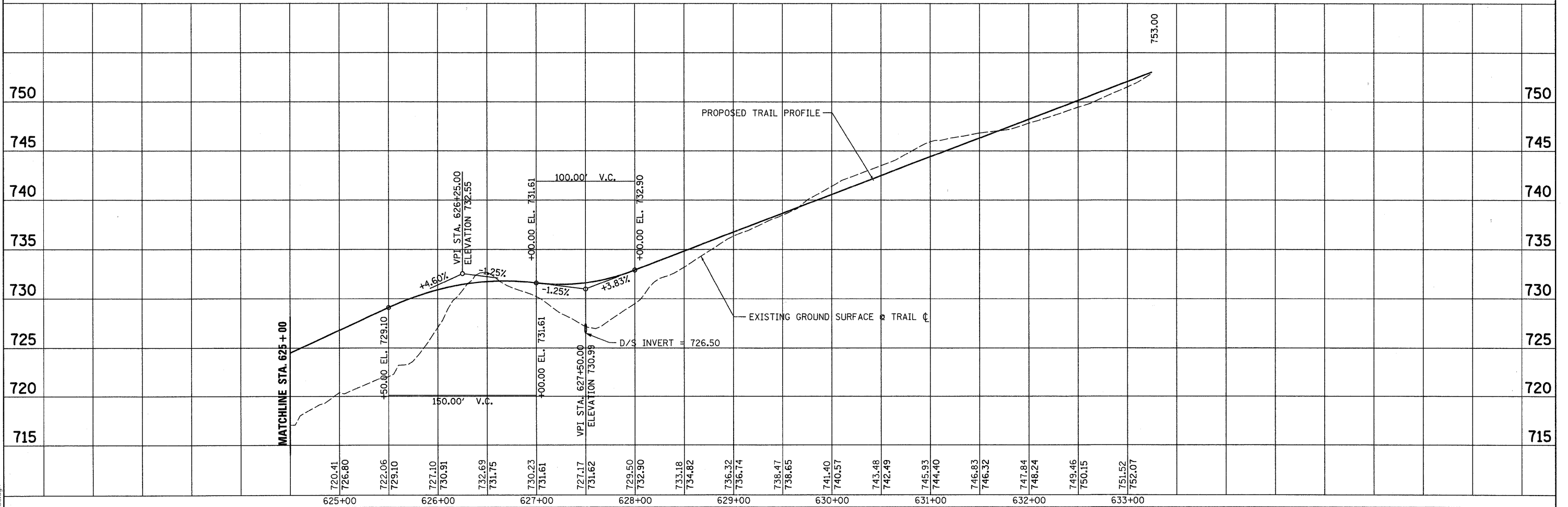
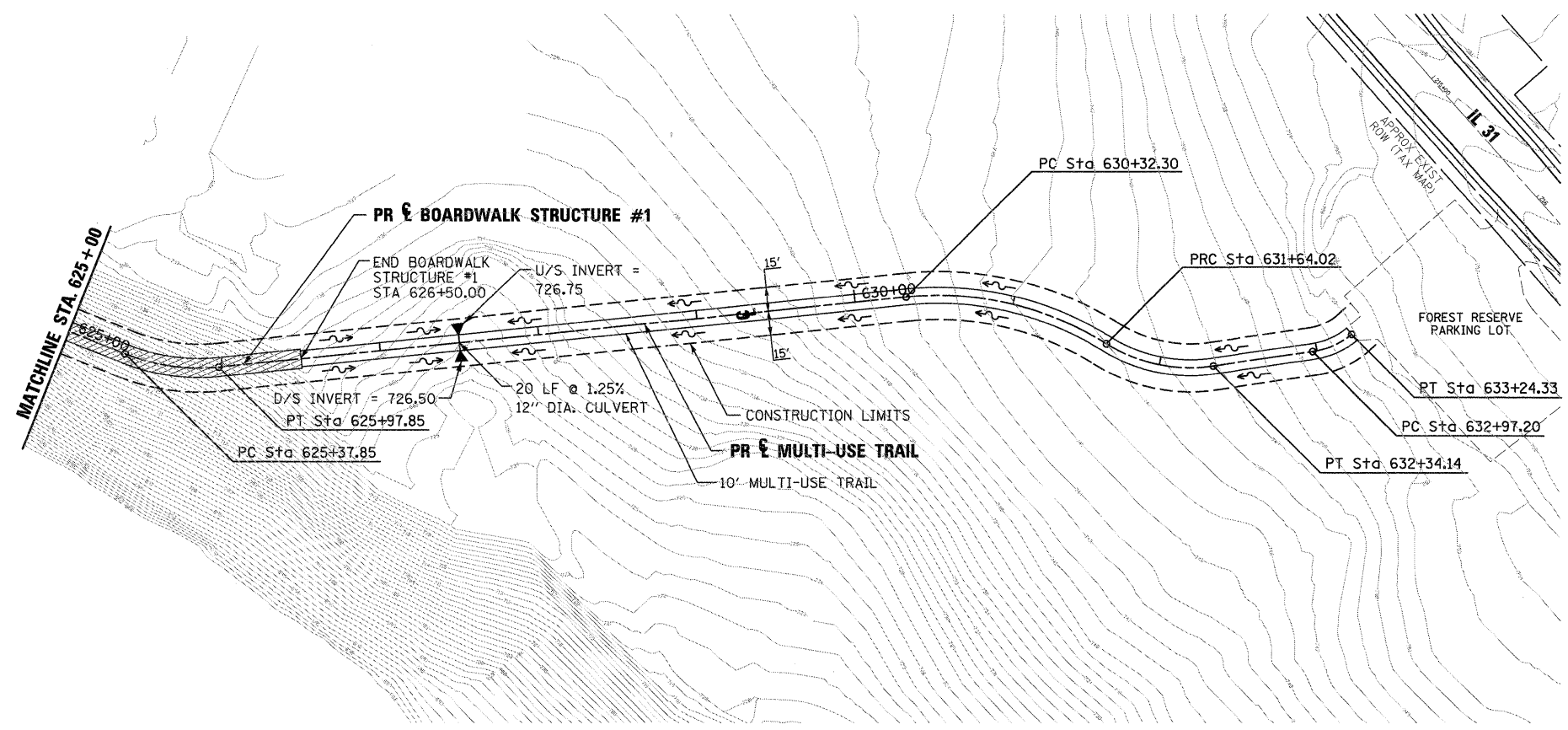
NOTE
SEE SHEETS 77 AND 78 FOR SOIL BORING LOGS FOR BW-01 THROUGH BW-04.



FILE NAME = BWALK_WEST_PP_02.dgn	DESIGNED - BAD/WGS	REVISED -	 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ST. CHARLES				RED GATE ROAD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BAD	REVISED -		TRAIL AND BOARDWALK PLAN AND PROFILE - WEST BANK											434	69
PLOT DATE = 11/28/2011	CHECKED - WGS	REVISED -										CONTRACT NO.				
	DATE - 02.28.11	REVISED -										ILLINOIS FED. AID PROJECT				

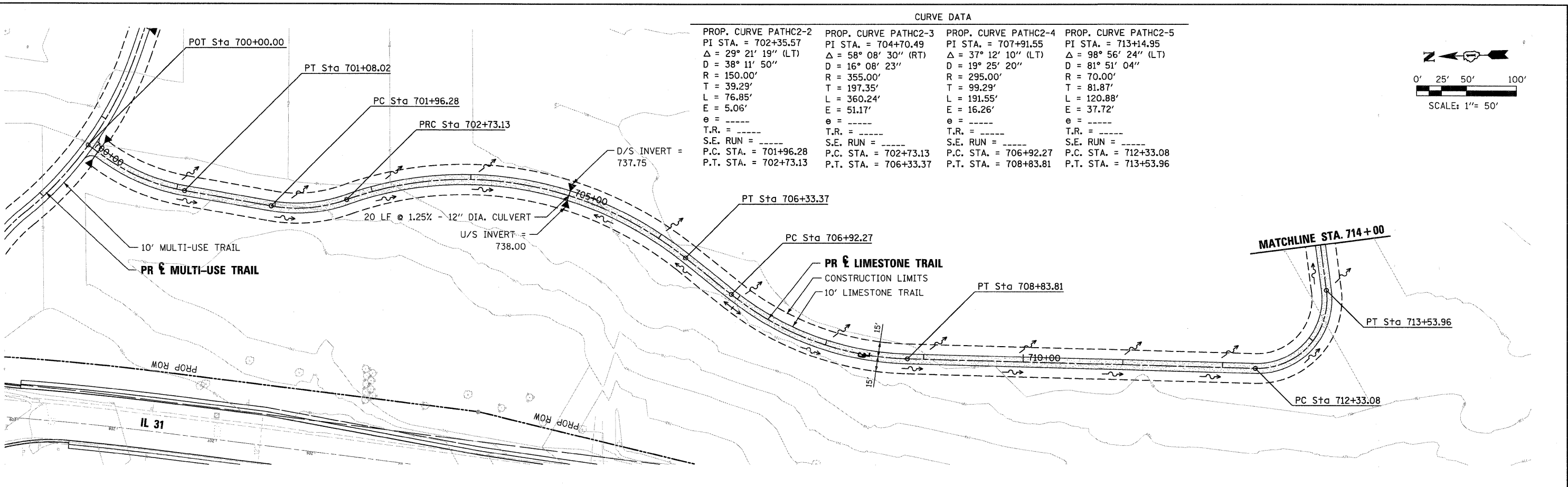


CURVE DATA	
PROP. CURVE PATHW-C-12	PROP. CURVE PATHW-C-22
PI STA. = 625+68.44	PI STA. = 631+00.65
$\Delta = 27^\circ 30' 04''$ (LT)	$\Delta = 37^\circ 44' 11''$ (RT)
D = 45° 50' 12"	D = 28° 38' 52"
R = 125.00'	R = 200.00'
T = 30.59'	T = 68.35'
L = 60.00'	L = 131.72'
E = 3.69'	E = 11.36'
e = ----	e = ----
T.R. = ----	T.R. = ----
S.E. RUN = ----	S.E. RUN = ----
P.C. STA. = 625+37.85	P.C. STA. = 630+32.30
P.T. STA. = 625+97.85	P.T. STA. = 631+64.02
PROP. CURVE PATHW-C-23	PROP. CURVE PATHW-C-16
PI STA. = 632+00.59	PI STA. = 633+11.11
$\Delta = 40^\circ 10' 29''$ (LT)	$\Delta = 31^\circ 05' 16''$ (LT)
D = 57° 17' 45"	D = 114° 35' 30"
R = 100.00'	R = 50.00'
T = 36.57'	T = 13.91'
L = 70.12'	L = 27.13'
E = 6.48'	E = 1.90'
e = ----	e = ----
T.R. = ----	T.R. = ----
S.E. RUN = ----	S.E. RUN = ----
P.C. STA. = 631+64.02	P.C. STA. = 632+97.20
P.T. STA. = 632+34.14	P.T. STA. = 633+24.33

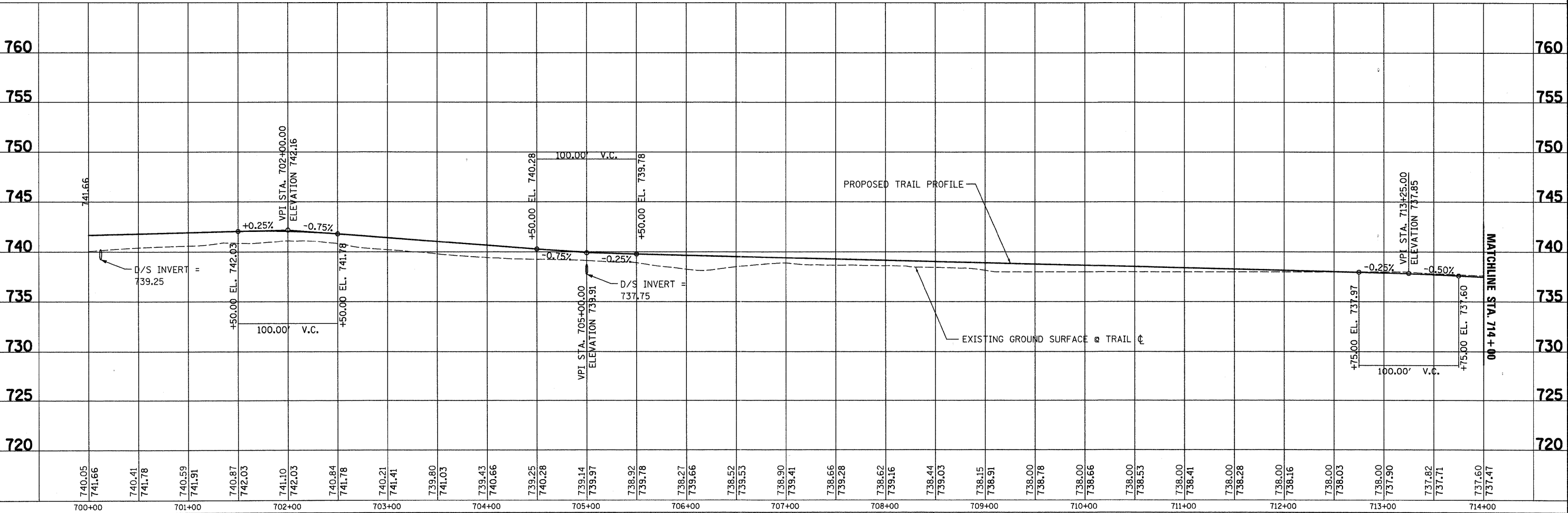


FILE NAME =	DESIGNED - BD/WS	REVISED	 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ST. CHARLES RED GATE ROAD TRAIL AND BOARDWALK PLAN AND PROFILE - WEST BANK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -			04-00092-00-BR	KANE	440	70	
PLOT DATE = 11/8/2011	CHECKED - WS	REVISED -			CONTRACT NO. 63650				
DATE - 10/24/2011	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

B:\ALK_WEST_PP_03.dgn



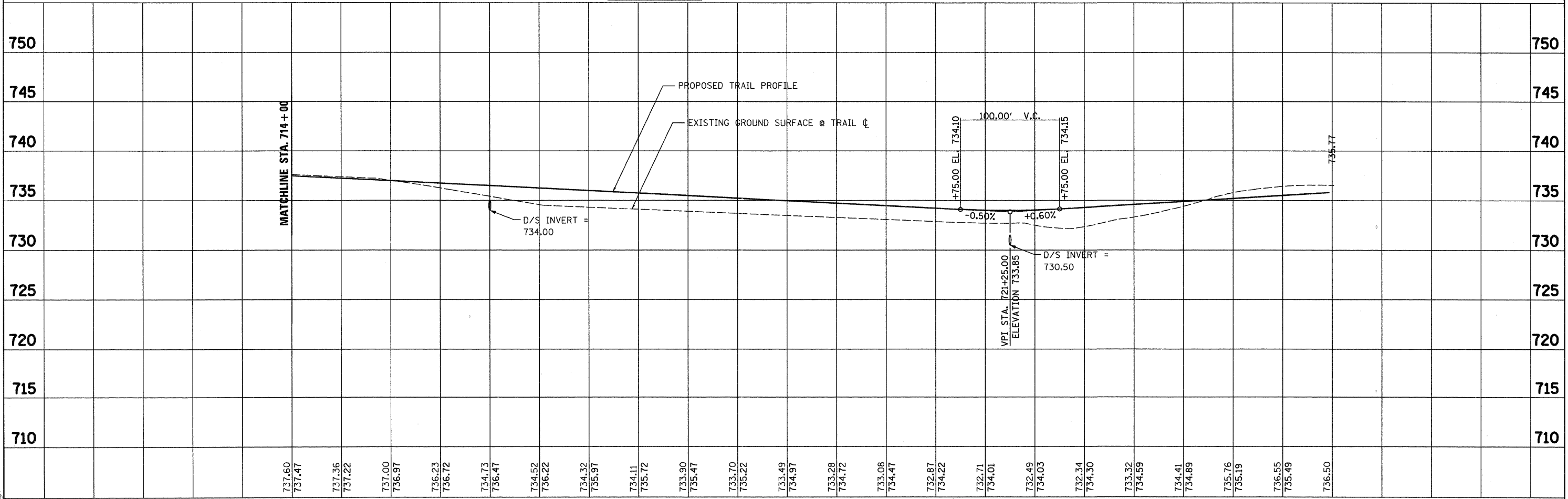
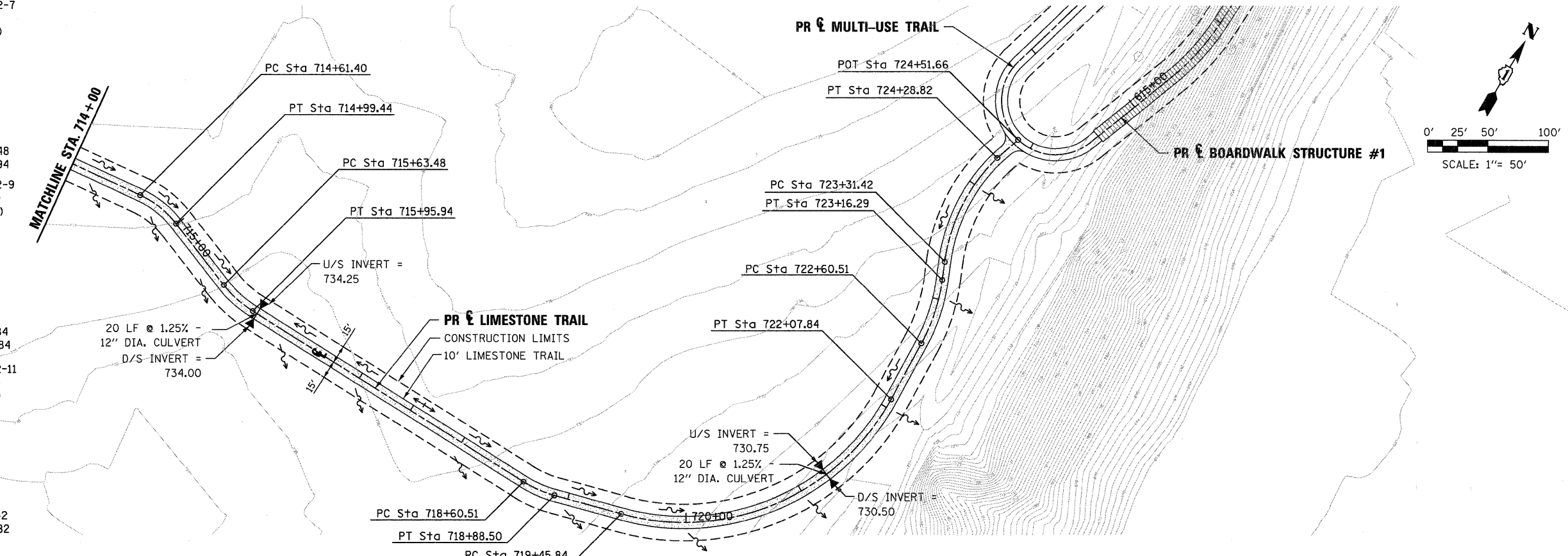
CURVE DATA			
PROP. CURVE PATHC2-2	PROP. CURVE PATHC2-3	PROP. CURVE PATHC2-4	PROP. CURVE PATHC2-5
PI STA. = 702+35.57	PI STA. = 704+70.49	PI STA. = 707+91.55	PI STA. = 713+14.95
$\Delta = 29^\circ 21' 19''$ (LT)	$\Delta = 58^\circ 08' 30''$ (RT)	$\Delta = 37^\circ 12' 10''$ (LT)	$\Delta = 98^\circ 56' 24''$ (LT)
D = 38' 11" 50"	D = 16' 08" 23"	D = 19' 25" 20"	D = 81' 51" 04"
R = 150.00'	R = 355.00'	R = 295.00'	R = 70.00'
T = 39.29'	T = 197.35'	T = 99.29'	T = 81.87'
L = 76.85'	L = 360.24'	L = 191.55'	L = 120.88'
E = 5.06'	E = 51.17'	E = 16.26'	E = 37.72'
$e =$ -----	$e =$ -----	$e =$ -----	$e =$ -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 701+96.28	P.C. STA. = 702+73.13	P.C. STA. = 706+92.27	P.C. STA. = 712+33.08
P.T. STA. = 702+73.13	P.T. STA. = 706+33.37	P.T. STA. = 708+83.81	P.T. STA. = 713+53.96



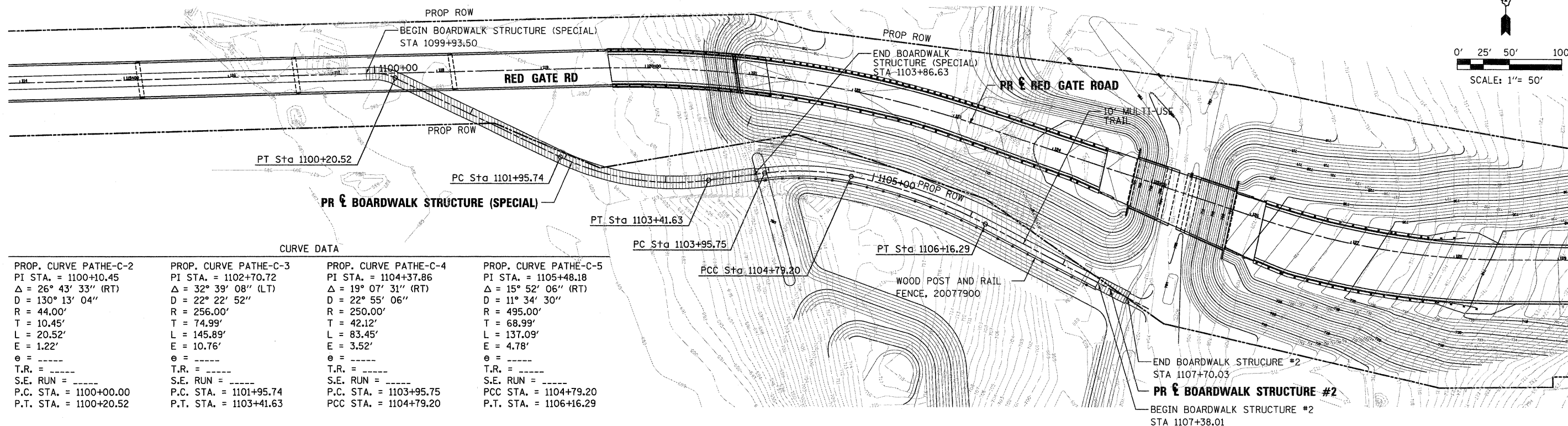
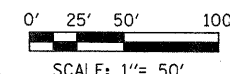
FILE NAME =	DESIGNED - BD/WS	REVISED	 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ST. CHARLES	RED GATE ROAD TRAIL AND BOARDWALK PLAN AND PROFILE - WEST BANK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -				04-00092-00-BR	KANE	440	71	
PLOT DATE = 11/9/2011	CHECKED - WS	REVISED -				CONTRACT NO. 63650				
	DATE - 10/24/2011	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.					

CURVE DATA

PROP. CURVE PATHC2-6 PI STA. = 714+80.79 $\Delta = 27^\circ 14' 22''$ (RT) D = 71' 37" 11" R = 80.00' T = 19.38' L = 38.03' E = 2.31' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 714+61.40 P.T. STA. = 714+99.44	PROP. CURVE PATHC2-7 PI STA. = 715+79.87 $\Delta = 19^\circ 34' 28''$ (LT) D = 60' 18" 41" R = 95.00' T = 16.39' L = 32.46' E = 1.40' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 715+63.48 P.T. STA. = 715+95.94
PROP. CURVE PATHC2-8 PI STA. = 718+74.61 $\Delta = 16^\circ 53' 06''$ (LT) D = 60' 18" 41" R = 95.00' T = 14.10' L = 28.00' E = 1.04' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 718+60.51 P.T. STA. = 718+88.50	PROP. CURVE PATHC2-9 PI STA. = 721+00.90 $\Delta = 76^\circ 58' 53''$ (LT) D = 29' 22" 57" R = 195.00' T = 155.06' L = 262.00' E = 54.13' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 719+45.84 P.T. STA. = 722+07.84
PROP. CURVE PATHC2-10 PI STA. = 722+88.71 $\Delta = 20^\circ 36' 59''$ (LT) D = 36' 57" 54" R = 155.00' T = 28.19' L = 55.77' E = 2.54' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 722+60.51 P.T. STA. = 723+16.29	PROP. CURVE PATHC2-11 PI STA. = 723+82.04 $\Delta = 38^\circ 29' 13''$ (RT) D = 39' 30" 52" R = 145.00' T = 50.62' L = 97.40' E = 8.58' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA. = 723+31.42 P.T. STA. = 724+28.82

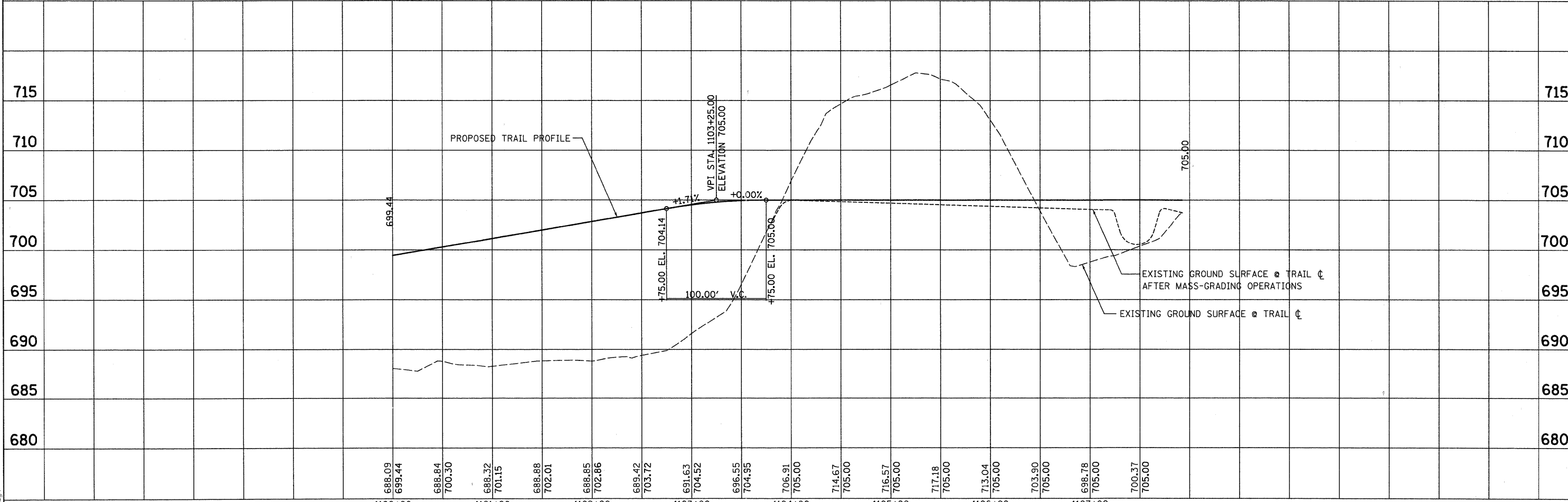


FILE NAME =	DESIGNED - BD/WS	REVISED	225 N. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ST. CHARLES RED GATE ROAD TRAIL AND BOARDWALK PLAN AND PROFILE - WEST BANK				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -						04-00092-00-BR	KANE	440	72	
PLOT DATE = 11/9/2011	CHECKED - WS	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 63650		ILLINOIS FED. AID PROJECT		
	DATE - 10/24/2011	REVISED -										



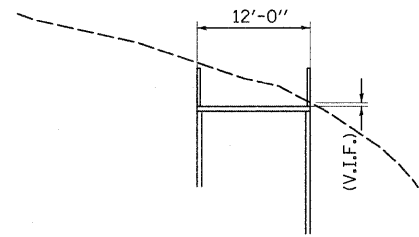
CURVE DATA

PROP. CURVE PATHE-C-2	PROP. CURVE PATHE-C-3	PROP. CURVE PATHE-C-4	PROP. CURVE PATHE-C-5
PI STA. = 1100+10.45	PI STA. = 1102+70.72	PI STA. = 1104+37.86	PI STA. = 1105+48.18
Δ = 26° 43' 33" (RT)	Δ = 32° 39' 08" (LT)	Δ = 19° 07' 31" (RT)	Δ = 15° 52' 06" (RT)
D = 130° 13' 04"	D = 22° 22' 52"	D = 22° 55' 06"	D = 11° 34' 30"
R = 44.00'	R = 256.00'	R = 250.00'	R = 495.00'
T = 10.45'	T = 74.99'	T = 42.12'	T = 68.99'
L = 20.52'	L = 145.89'	L = 83.45'	L = 137.09'
E = 1.22'	E = 10.76'	E = 3.52'	E = 4.78'
e = -----	e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 1100+00.00	P.C. STA. = 1101+95.74	P.C. STA. = 1103+95.75	P.C. STA. = 1104+79.20
P.T. STA. = 1100+20.52	P.T. STA. = 1103+41.63	P.C. STA. = 1104+79.20	P.T. STA. = 1106+16.29

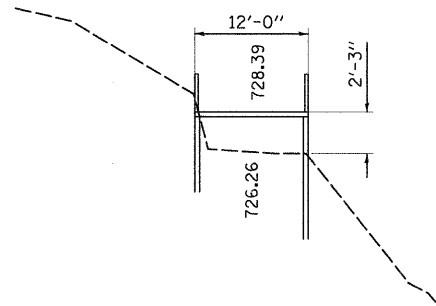


FILE NAME =	DESIGNED - BD/WS	REVISED	<p>225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123</p>	<p align="center">CITY OF ST. CHARLES</p> <p align="center">RED GATE ROAD</p> <p align="center">TRAIL AND BOARDWALK ALIGNMENT AND PROFILE - EAST BANK</p>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -					04-00092-00-BR	KANE	440	73	
PLOT DATE = 11/8/2011	CHECKED - WS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 63650		
	DATE - 10/24/2011	REVISED -		ILLINOIS FED. AID PROJECT							

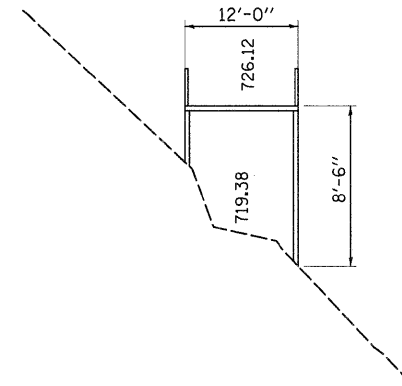
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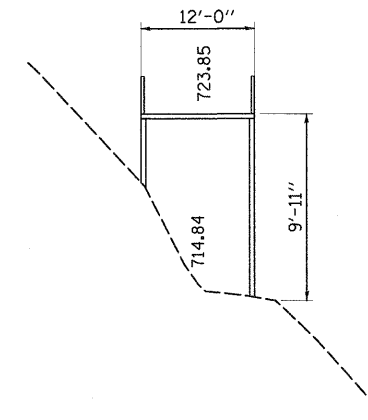
BOARDWALK SECTION - STA 615+00



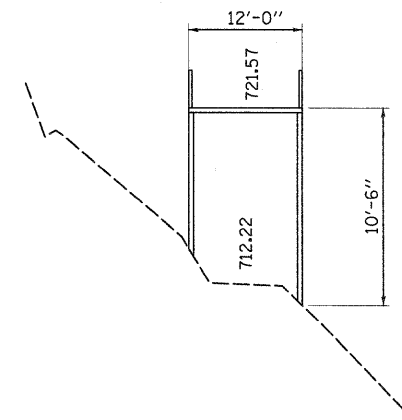
BOARDWALK SECTION - STA 615+50



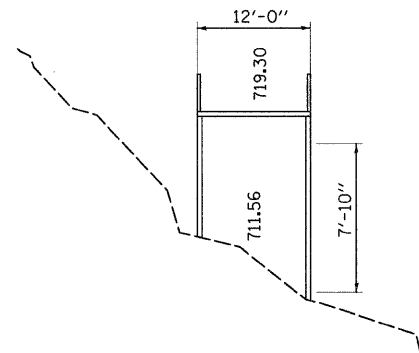
BOARDWALK SECTION - STA 616+00



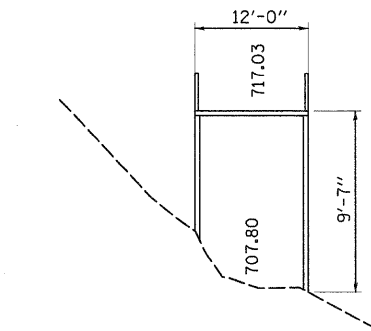
BOARDWALK SECTION - STA 616+50



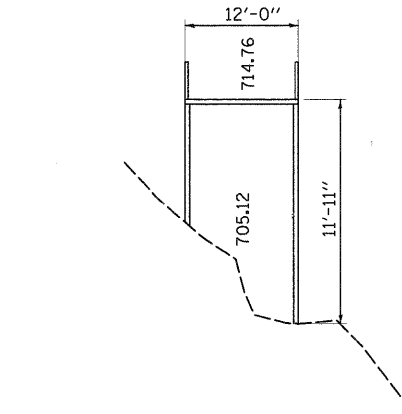
BOARDWALK SECTION - STA 617+00



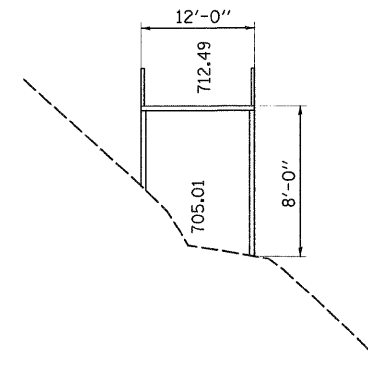
BOARDWALK SECTION - STA 617+50



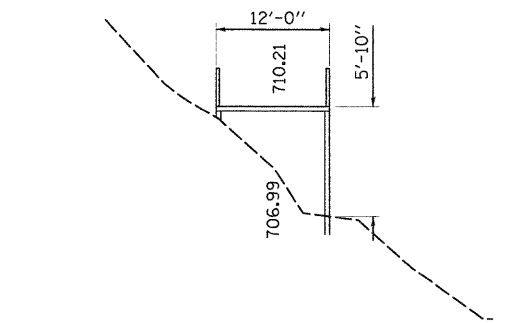
BOARDWALK SECTION - STA 618+00



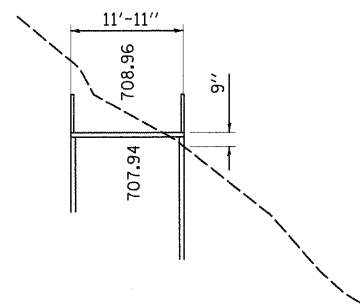
BOARDWALK SECTION - STA 618+50



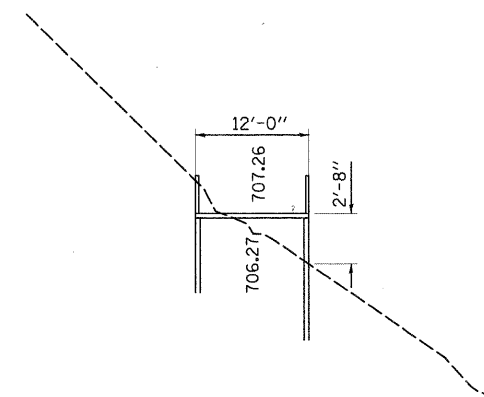
BOARDWALK SECTION - STA 619+00



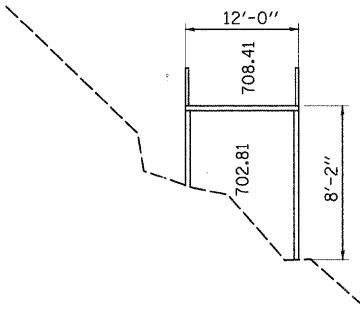
BOARDWALK SECTION - STA 619+50



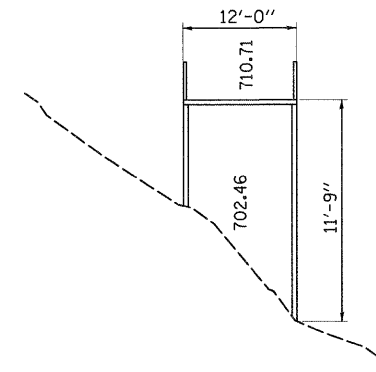
BOARDWALK SECTION - STA 620+00



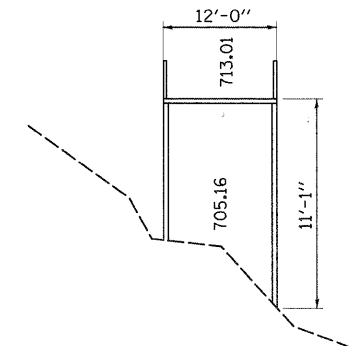
BOARDWALK SECTION - STA 620+50



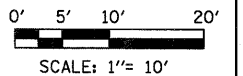
BOARDWALK SECTION - STA 621+00



BOARDWALK SECTION - STA 621+50



BOARDWALK SECTION - STA 622+00



FILE NAME =	DESIGNED - BD/WS	REVISED
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -
PLOT DATE = 11/8/2011	CHECKED - WS	REVISED -
	DATE - 10/24/2011	REVISED -

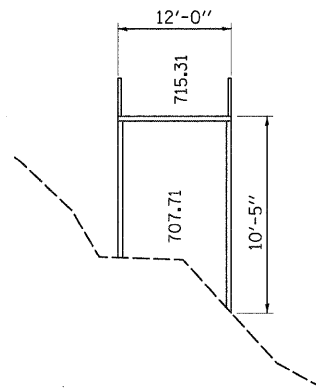
TERRA
ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60604
(312)467-0123

CITY OF ST. CHARLES

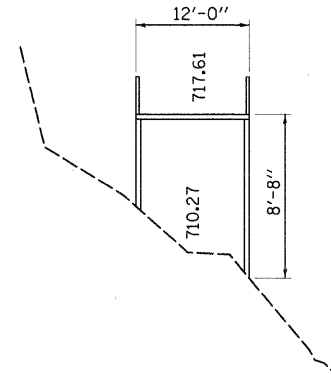
**RED GATE ROAD
BOARDWALK SECTIONS - WEST BANK**

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

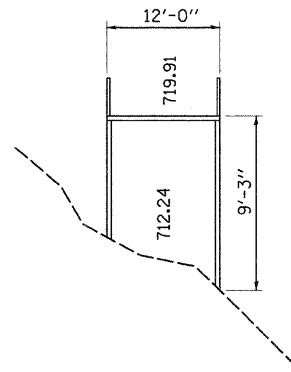
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	74
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



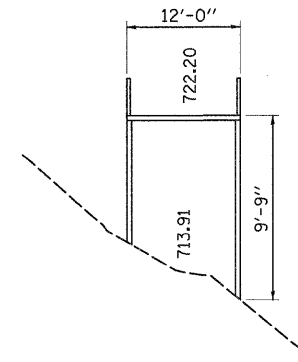
BOARDWALK SECTION - STA 622+50



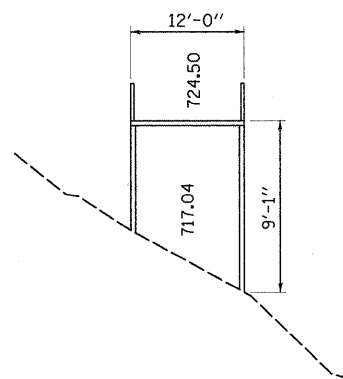
BOARDWALK SECTION - STA 623+00



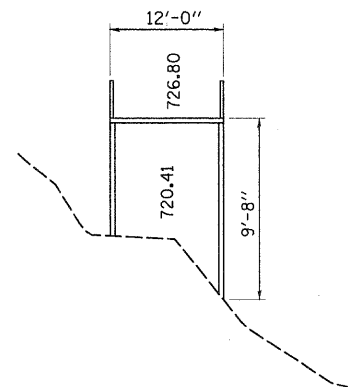
BOARDWALK SECTION - STA 623+50



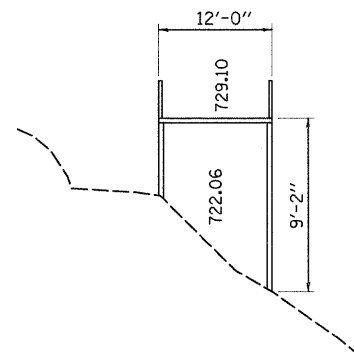
BOARDWALK SECTION - STA 624+00



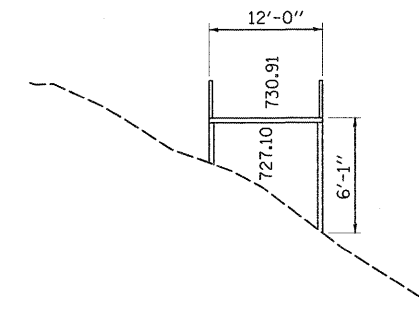
BOARDWALK SECTION - STA 624+50



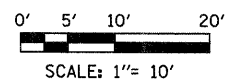
BOARDWALK SECTION - STA 625+00



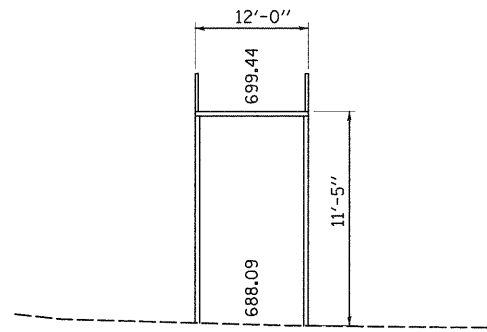
BOARDWALK SECTION - STA 625+50



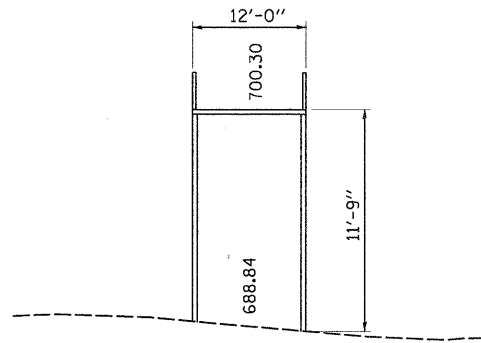
BOARDWALK SECTION - STA 626+00



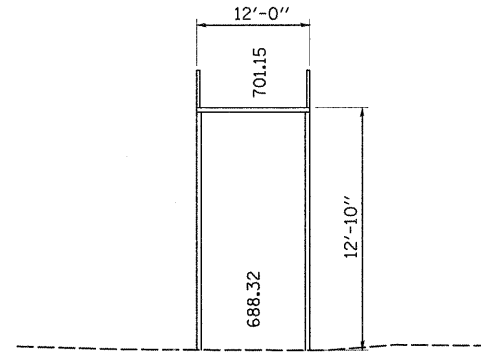
FILE NAME =	DESIGNED - BD/WS	REVISED	 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ST. CHARLES	RED GATE ROAD BOARDWALK SECTIONS - WEST BANK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BD/JW/KC	REVISED -						04-00092-00-BR	KANE	440	75	
USER NAME = TERRA	CHECKED - WS	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 63650		
PLOT DATE = 11/8/2011	DATE - 10/24/2011	REVISED -								ILLINOIS FED. AID PROJECT		



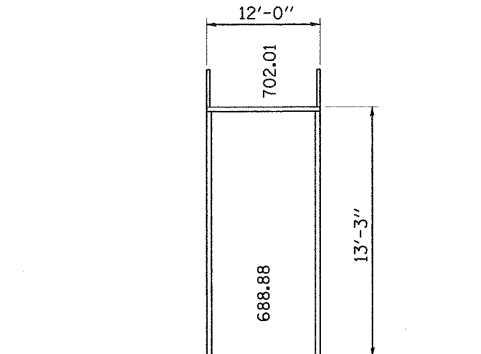
BOARDWALK SECTION - STA 1100+00



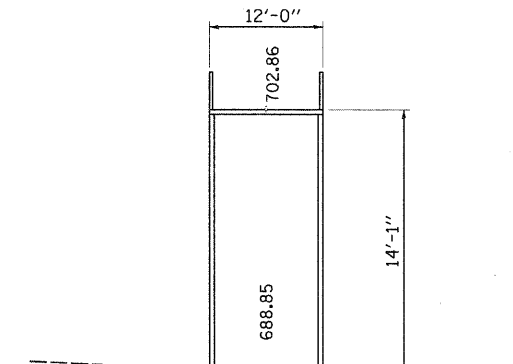
BOARDWALK SECTION - STA 1100+50



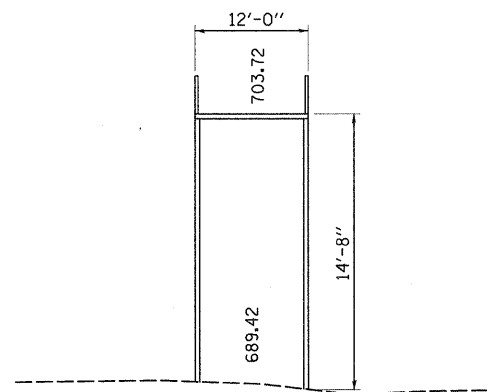
BOARDWALK SECTION - STA 1101+00



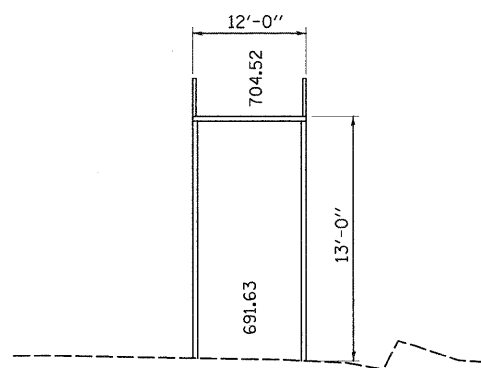
BOARDWALK SECTION - STA 1101+50



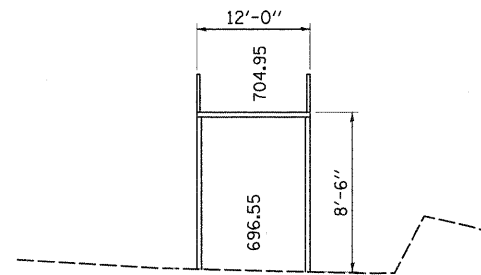
BOARDWALK SECTION - STA 1102+00



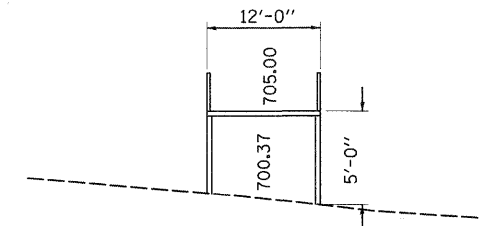
BOARDWALK SECTION - STA 1102+50



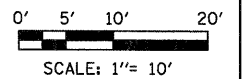
BOARDWALK SECTION - STA 1103+00



BOARDWALK SECTION - STA 1103+50



BOARDWALK SECTION - STA 1107+50



FILE NAME =	DESIGNED - BD/WS	REVISED
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -
PLOT DATE = 11/8/2011	CHECKED - WS	REVISED -
	DATE - 10/24/2011	REVISED -

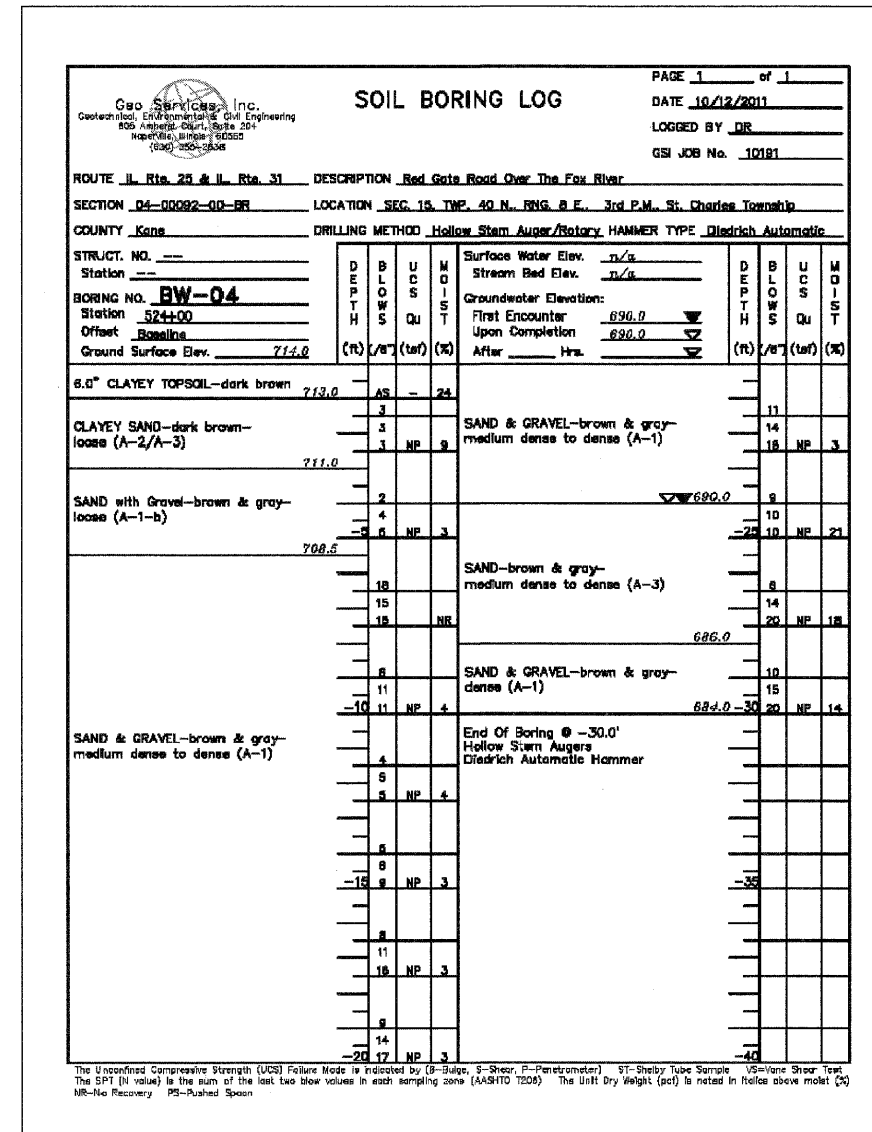
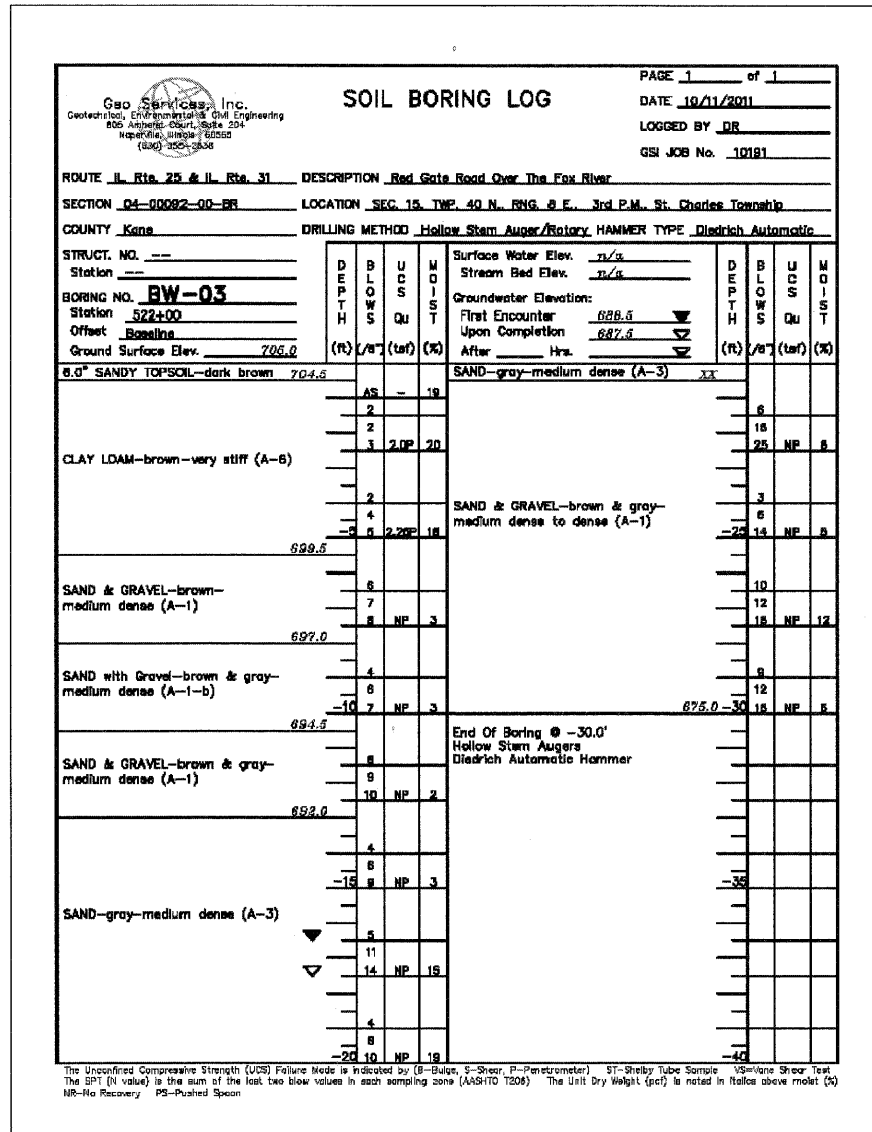


CITY OF ST. CHARLES


**RED GATE ROAD
BOARDWALK SECTIONS - EAST BANK**

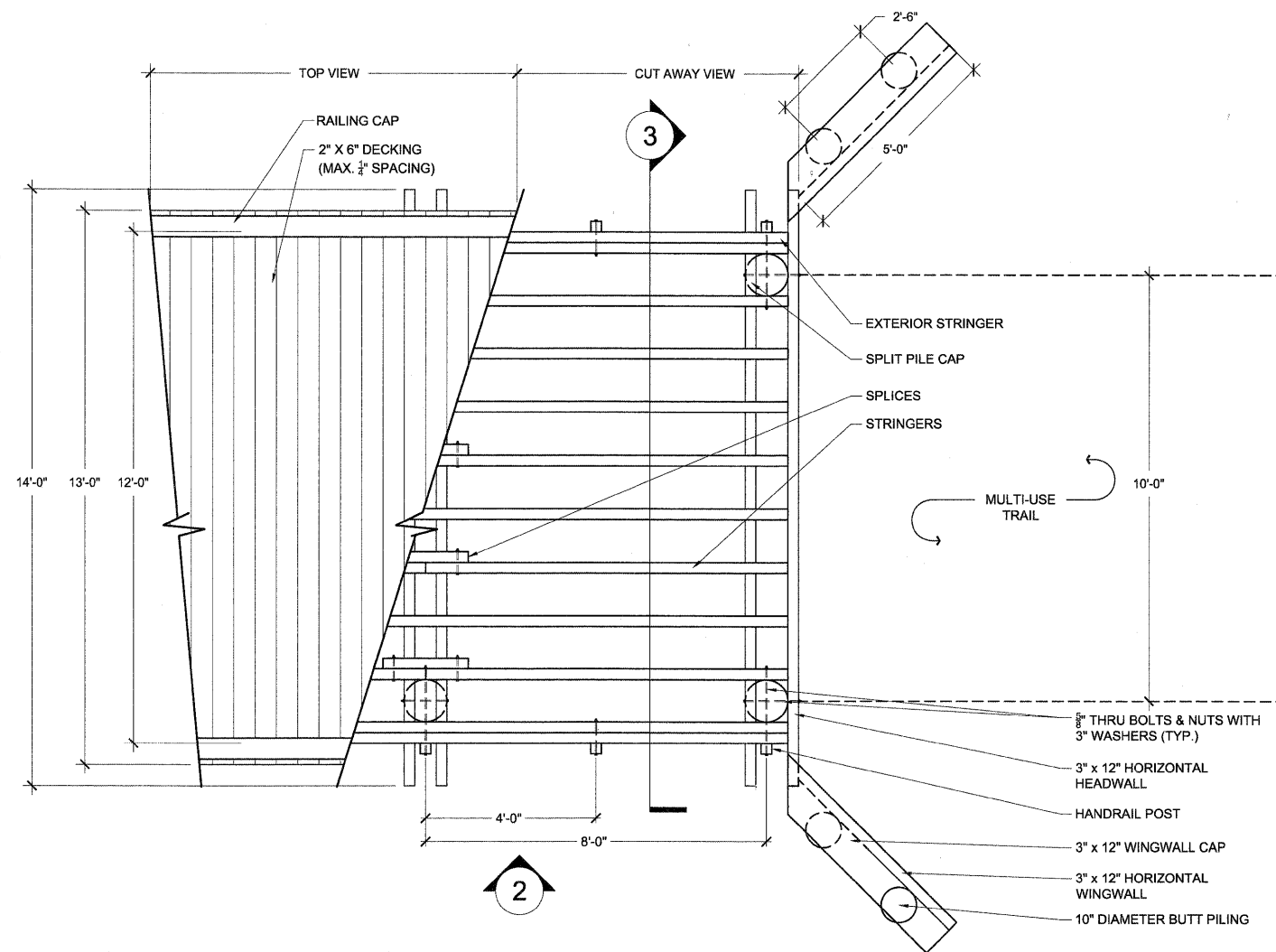
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	76
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	

Bwalk_XS83.dgn

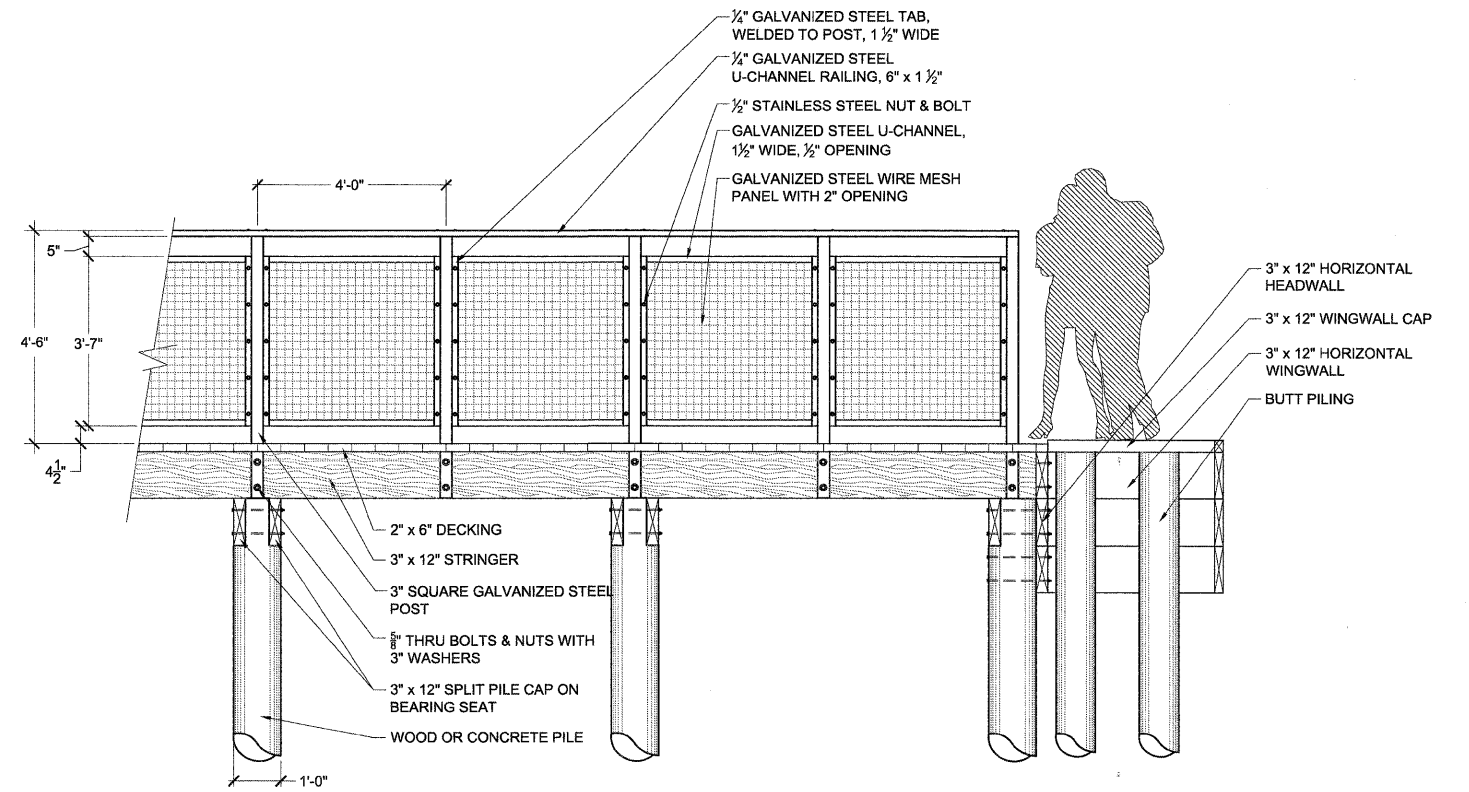


BOARDWALK SOIL BORING LOG

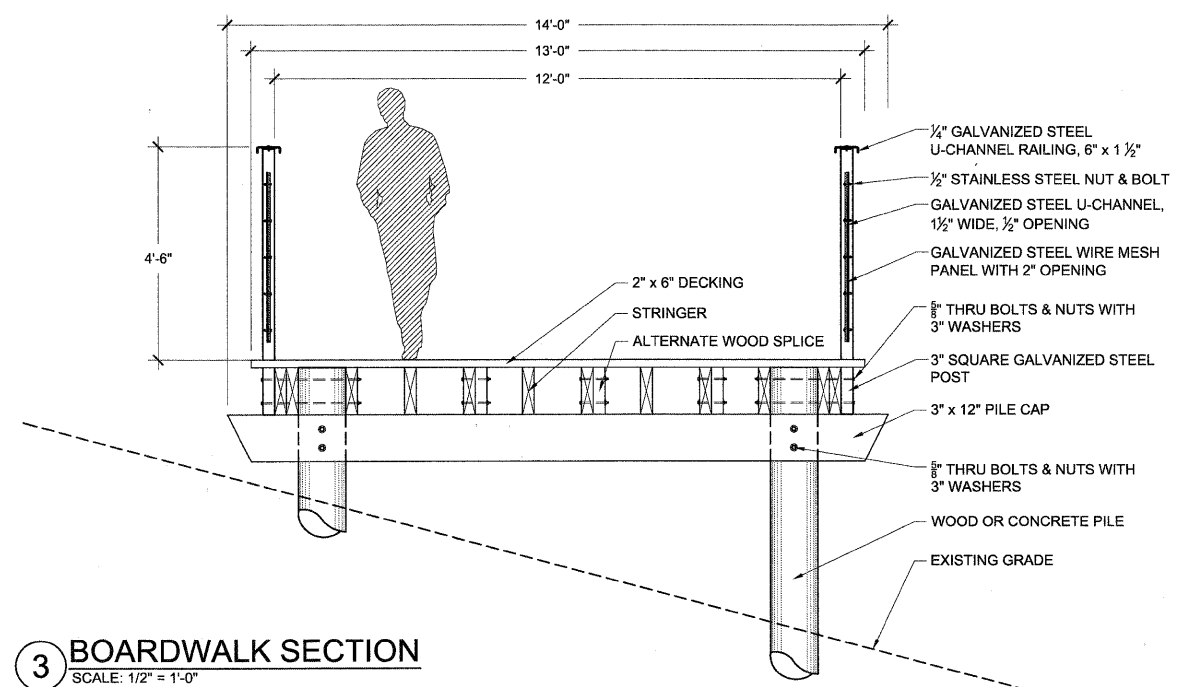
FILE NAME =	DESIGNED - BD/WS	REVISED	 <p>TERRA ENGINEERING LTD. 825 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123</p>	CITY OF ST. CHARLES	RED GATE ROAD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = TERRA	DRAWN - BD/JW/KC	REVISED -			SOIL BORING LOGS - BOARDWALK (2 OF 2)			04-00092-00-BR	KANE	440	78	
PLOT DATE = 10/21/2011	CHECKED - WS	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 63650				
	DATE - 10/24/2011	REVISED -			ILLINOIS FED. AID PROJECT							



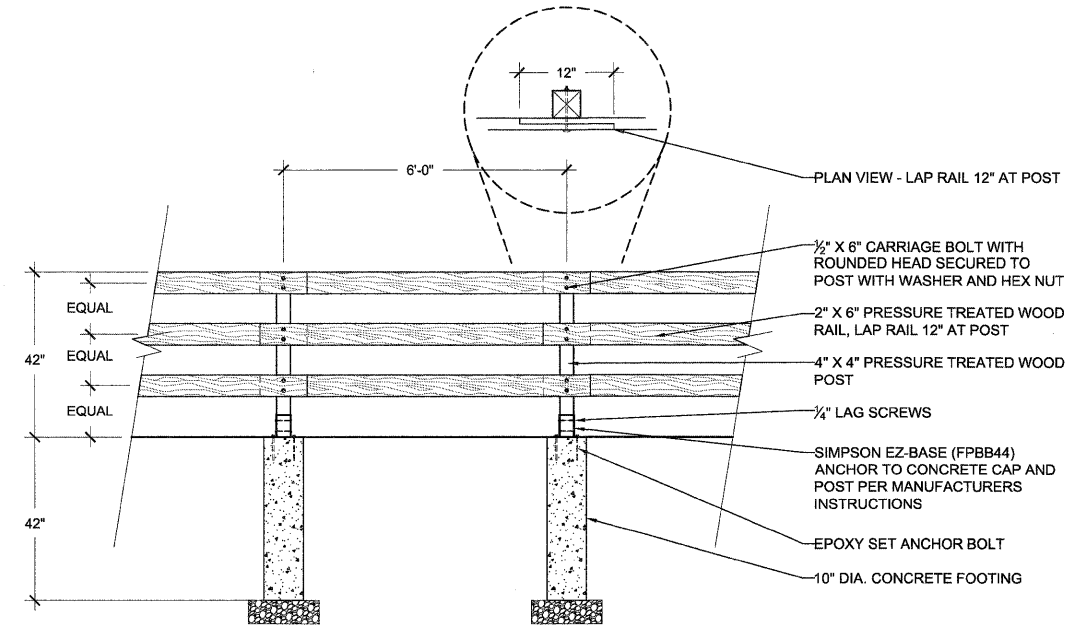
1 BOARDWALK FRAMING PLAN
 SCALE: 1/2" = 1'-0"



2 BOARDWALK AND BICYCLE RAILING (SPECIAL) - ELEVATION
 SCALE: 1/2" = 1'-0"



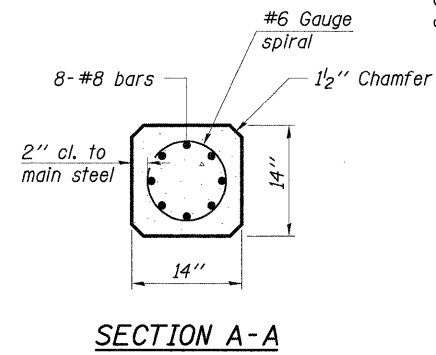
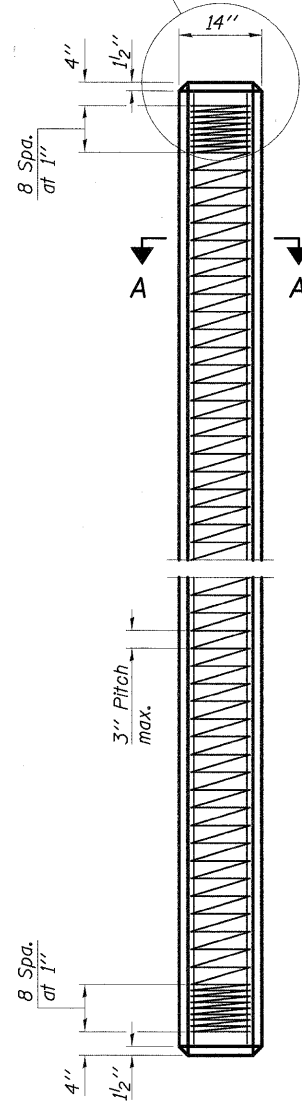
3 BOARDWALK SECTION
 SCALE: 1/2" = 1'-0"



4 WOOD POST AND RAIL FENCE DETAIL
 SCALE: SCALE: 1/2" = 1'-0"

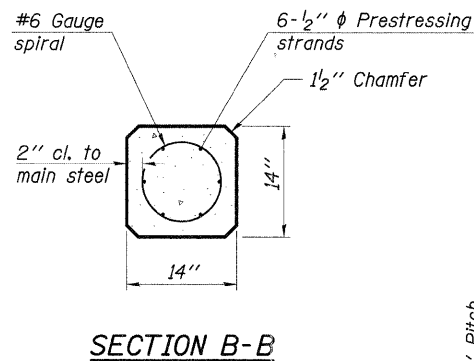
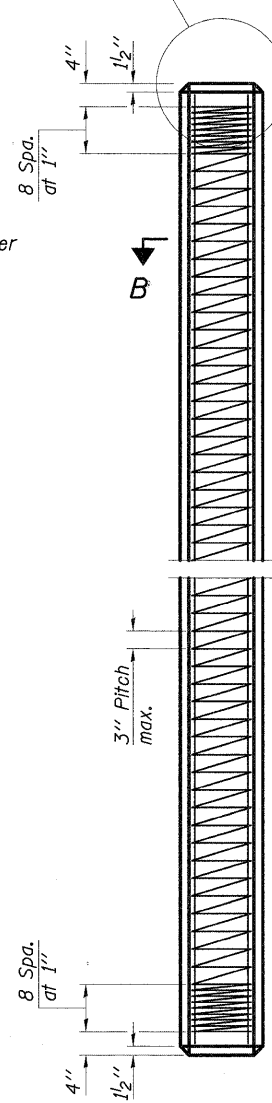
FILE NAME =	DESIGNED - TL/WS	REVISED -	 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ST. CHARLES	RED GATE ROAD BOARDWALK DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME =	DRAWN - TL/BD	REVISED -				04-00092-00-BR	KANE	440	79	
PLOT DATE =	CHECKED - WS	REVISED -				CONTRACT NO. 63650				
	DATE - 10/24/2011	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: VARIES						STA.	TO STA.			

See End Plan and End Elevation for end reinforcement, typ.

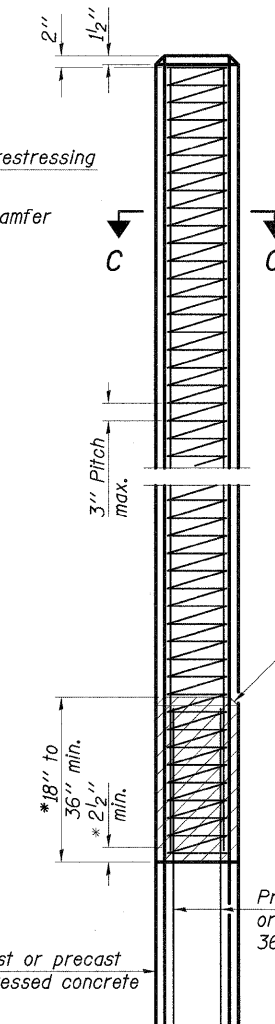


PRECAST CONCRETE PILE

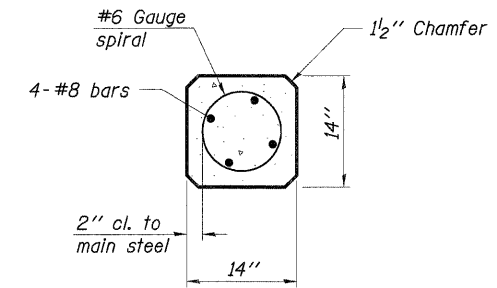
See End Plan and End Elevation for end reinforcement, typ.



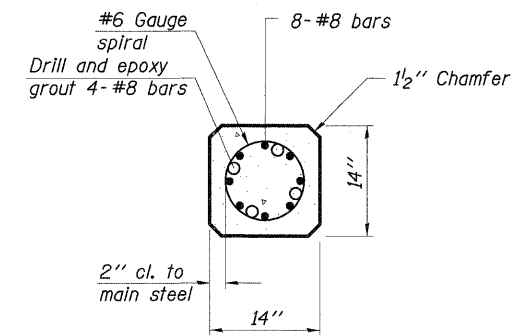
PRECAST PRESTRESSED CONCRETE PILE



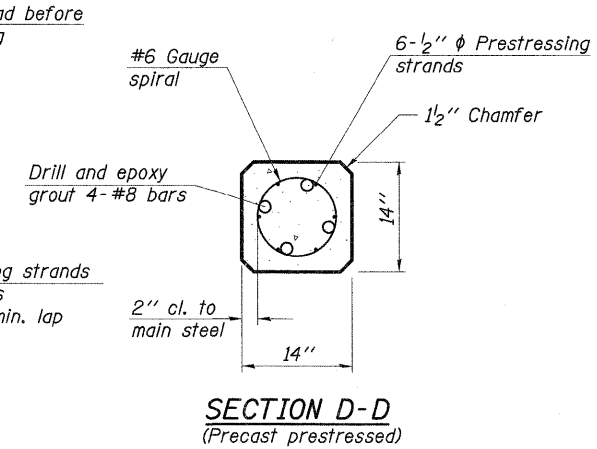
STANDARD PILE EXTENSION



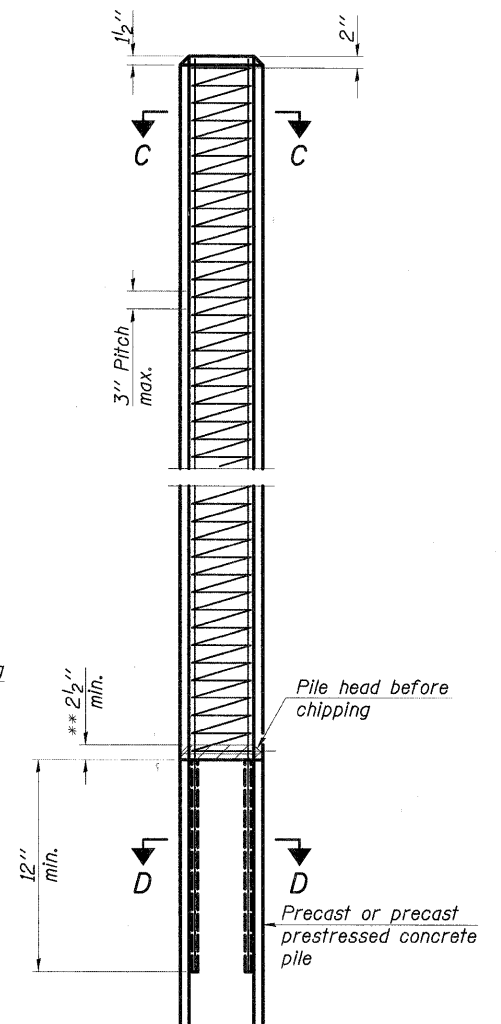
SECTION C-C



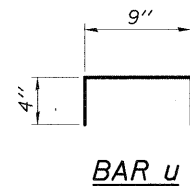
SECTION D-D
(Precast)



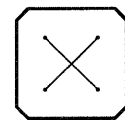
SECTION D-D
(Precast prestressed)



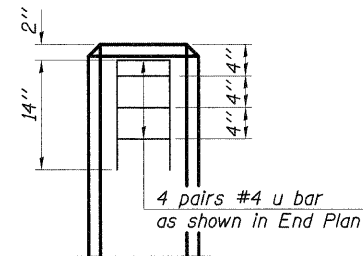
ALTERNATE PILE EXTENSION



BAR U



END PLAN
(End reinforcement only)



END ELEVATION
(End reinforcement only)

NOTES

Prestressing steel shall be uncoated high strength, low-relaxation 7-wire strand. The nominal diameter shall be 1/2" with a cross-sectional area of 0.153 in².
 For Pile lengths up to 65', use two slings placed at a distance of 0.21 L* from each end. For Piles longer than 65', use three slings placed at a distance of 0.12 L* from each end and at midpoint of pile. *L= Overall length of pile to be handled.
 For handling pile lengths up to 45', use two slings placed at a distance of 0.21 L from each end. For handling piles longer than 45', use three slings placed at a distance of 0.12 L from each end and at midpoint of pile.

- * To construct pile extension, chip top of pile back 36 bar ϕ min. to expose vertical bars and lap vertical buildup bars. Remove spiral to 2 1/2" min. above chipping and provide full strength lap weld exterior face (4" min. length).
- ** To construct pile extension, chip top of pile back 2 1/2" to expose wire spiral and provide full strength lap weld exterior face (4" min. length).

DESIGN STRESSES

f'_c = 5,000 p.s.i. (prestressed)
 f'_c = 4,500 p.s.i. (precast)
 f'_{ci} = 4,000 p.s.i.
 f'_s = 270,000 p.s.i. (41,300 lbs. - 1/2" ϕ)
 f_{si} = 189,000 p.s.i. (28,900 lbs. - 1/2" ϕ)

F-PC 7-1-10

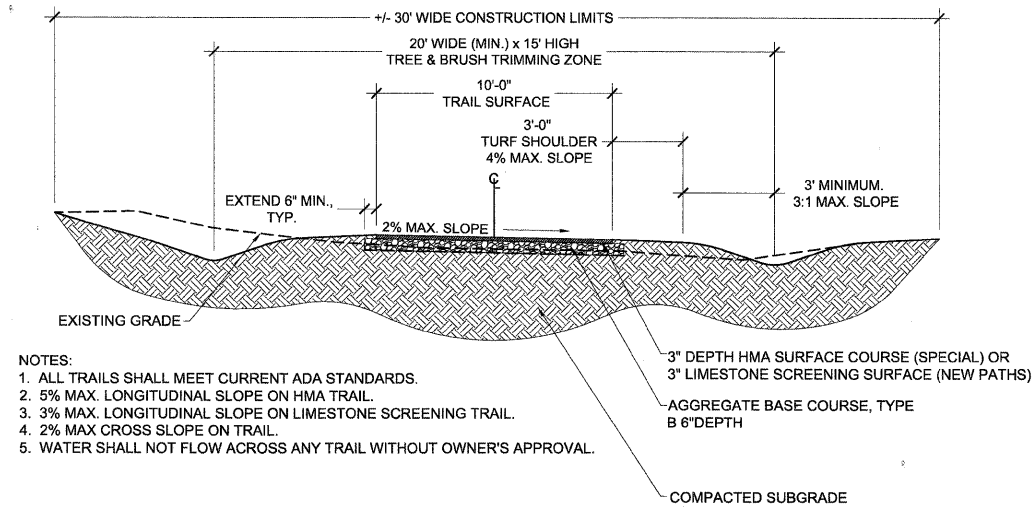
FILE NAME =	DESIGNED -	REVISED
USER NAME =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST PILE DETAILS
STRUCTURE NO.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	80
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



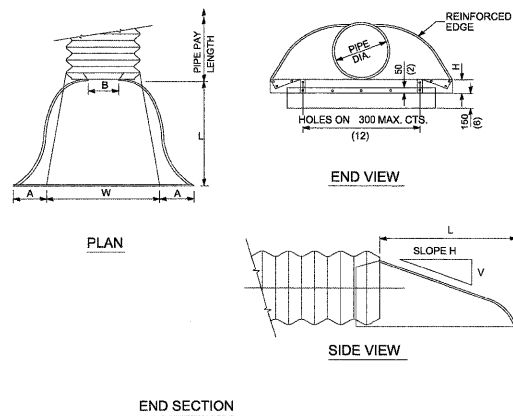
- NOTES:
1. ALL TRAILS SHALL MEET CURRENT ADA STANDARDS.
 2. 5% MAX. LONGITUDINAL SLOPE ON HMA TRAIL.
 3. 3% MAX. LONGITUDINAL SLOPE ON LIMESTONE SCREENING TRAIL.
 4. 2% MAX. CROSS SLOPE ON TRAIL.
 5. WATER SHALL NOT FLOW ACROSS ANY TRAIL WITHOUT OWNER'S APPROVAL.

3" DEPTH HMA SURFACE COURSE (SPECIAL) OR 3" LIMESTONE SCREENING SURFACE (NEW PATHS)
 AGGREGATE BASE COURSE, TYPE B 6" DEPTH
 COMPACTED SUBGRADE

1 TRAIL CROSS-SECTION

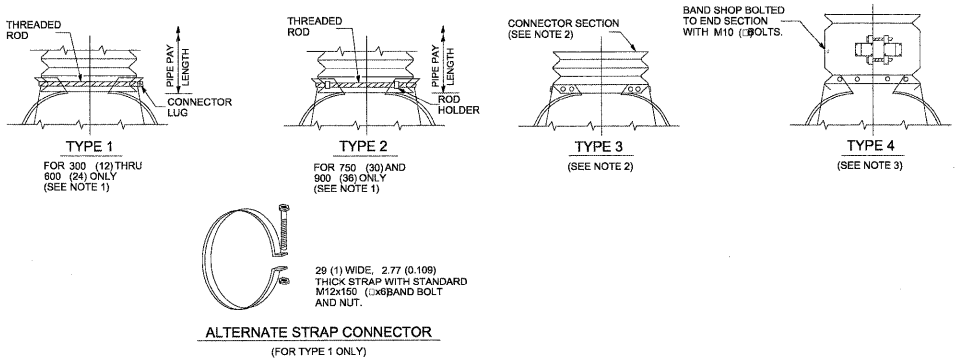
SCALE: 1/4" = 1'-0"

PIPE DIA.	THICKNESS	DIMENSIONS						SLOPE (Approx.) (V:H)	BODY
		A	B	H	L	W			
300	1.63 (0.064)	150 (6)	150 (6)	150 (6)	535 (21)	610 (24)	1:20	1 PC.	
375	1.63 (0.064)	190 (7)	190 (7)	190 (7)	665 (26)	760 (30)	1:20	1 PC.	
450	1.63 (0.064)	205 (8)	205 (8)	150 (6)	785 (31)	915 (36)	1:20	1 PC.	
525	1.63 (0.064)	230 (9)	230 (9)	150 (6)	915 (36)	1,065 (42)	1:20	1 PC.	
600	1.63 (0.064)	255 (10)	255 (10)	150 (6)	1,040 (41)	1,220 (48)	1:20	1 PC.	
675	2.01 (0.079)	305 (12)	305 (12)	205 (8)	1,295 (51)	1,525 (60)	1:20	1 PC.	
750	2.01 (0.079)	305 (12)	305 (12)	205 (8)	1,295 (51)	1,525 (60)	1:20	2 PC.	
825	2.01 (0.079)	345 (14)	345 (14)	205 (8)	1,525 (60)	1,830 (72)	1:20	2 PC.	
900	2.77 (0.109)	405 (16)	405 (16)	280 (11)	1,750 (69)	2,135 (84)	1:20	2 PC.	
975	2.77 (0.109)	465 (18)	465 (18)	305 (12)	1,965 (77)	2,385 (94)	1:20	2 PC.	
1050	2.77 (0.109)	465 (18)	465 (18)	305 (12)	1,965 (77)	2,385 (94)	1:2	2 PC.	
1350	2.77 (0.109)	545 (21)	545 (21)	305 (12)	2,135 (84)	2,590 (102)	1:1 1/3	3 PC.	
1500	2.77 (0.109)	645 (25)	645 (25)	305 (12)	2,210 (87)	2,895 (114)	1:1 1/3	3 PC.	
1650	2.77 (0.109)	645 (25)	645 (25)	305 (12)	2,210 (87)	2,895 (114)	1:1 1/3	3 PC.	
1800	2.77 (0.109)	745 (29)	745 (29)	305 (12)	2,210 (87)	3,200 (125)	1:1 1/3	3 PC.	
1950	2.77 (0.109)	845 (33)	845 (33)	305 (12)	2,210 (87)	3,355 (132)	1:1 1/3	3 PC.	
2100	2.77 (0.109)	945 (37)	945 (37)	305 (12)	2,210 (87)	3,510 (138)	1:1 1/3	3 PC.	
2250	2.77 (0.109)	945 (37)	945 (37)	305 (12)	2,210 (87)	3,510 (138)	1:1 1/6	3 PC.	



- NOTES
- FOR 1500 MM (60") THRU 2250 MM (90") SIZES, REINFORCED EDGES SHALL BE SUPPLEMENTED WITH STIFFENERS. THE ANGLES SHALL BE 51X51X6.4 MM (2X2X1/2") FOR 1500 MM (60") THRU 1800 MM (72") DIAMETER AND 63X63X4 MM (2X2X1/2") FOR 1800 MM (72") THRU 2250 MM (90") DIAMETER. THE ANGLES SHALL BE ATTACHED BY M10 (1/2") RIVETS OR BOLTS.

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).



- NOTES
1. TYPES 1 AND 2 FOR PIPES WITH ANNULAR ENDS ONLY.
 2. TYPE 3 CONNECTION CAN BE USED FOR ALL PIPE SIZES AND INCLUDES 300 MM (12") OF THE PIPE LENGTH. THE CONNECTOR SECTION SHALL BE ATTACHED TO THE END SECTION BY RIVETS OR BOLTS AND SHALL BE THE SAME METAL THICKNESS AS THE END SECTION. STUB SHALL BE EITHER 68 MM (2 3/4") PITCH X 13 MM (1/2") DEPTH OR 75 MM (3") PITCH X 25 MM (1") DEPTH ANNULAR CORRUGATED PIPE.
 3. TYPE 4 CONNECTION CAN BE USED FOR ALL PIPE SIZES. COUPLER SHALL BE 68 MM X 13 MM (2 3/4" X 1/2") DIMPLE, HUGGER, OR ANNULAR BAND OF 75 MM X 25 MM (3" X 1"). THE DIMPLE, HUGGER, OR ANNULAR BAND MAY BE USED WITH CORRUGATED METAL PIPES HAVING ANNULAR ENDS. FOR CORRUGATED METAL PIPES HAVING HELICAL ENDS, ONLY THE DIMPLE BAND WILL BE ALLOWED.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

CONNECTIONS OF END SECTIONS

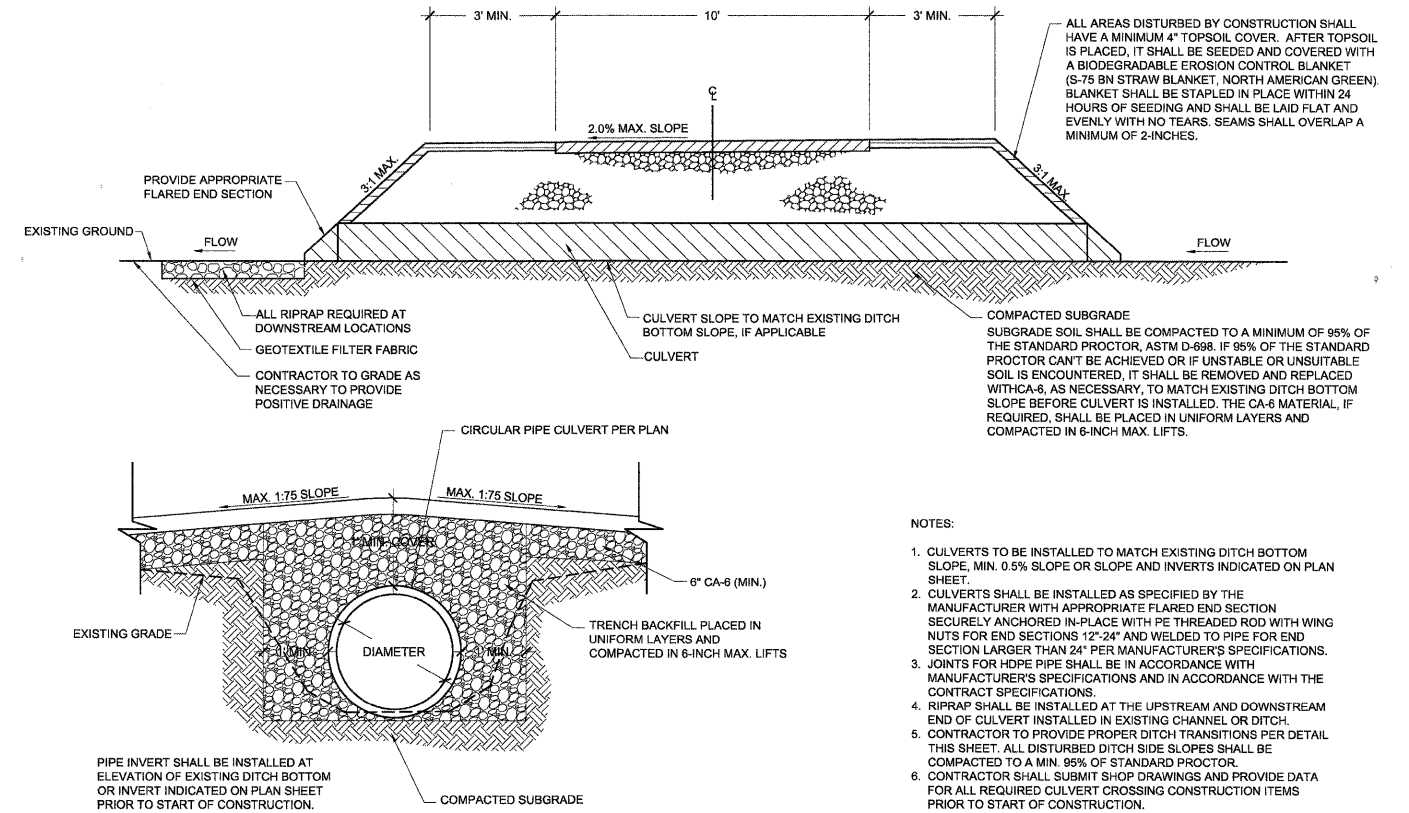
3 CULVERT - STEEL END SECTION DETAIL

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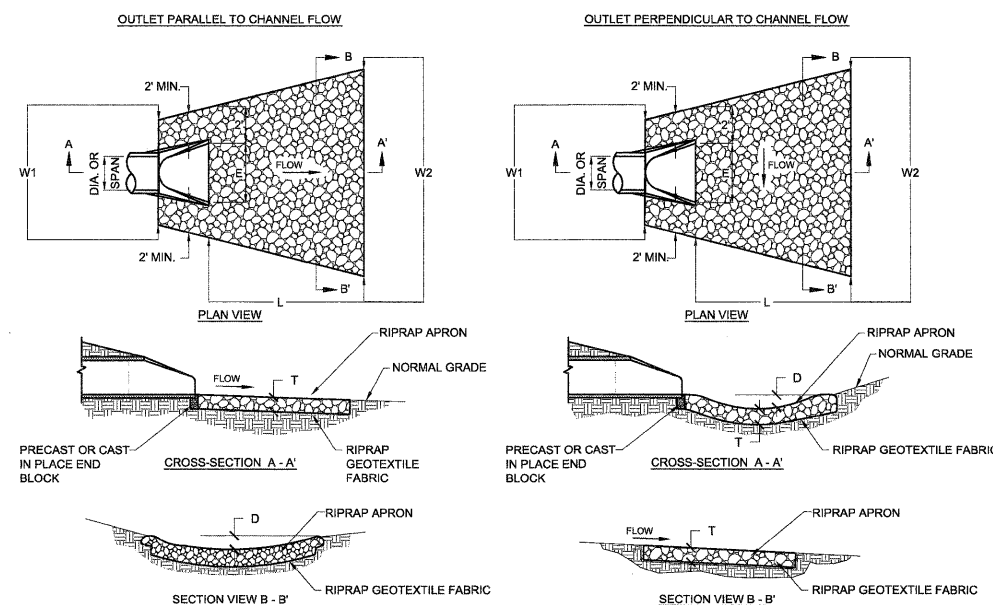


CITY OF ST. CHARLES

4 CULVERT OUTLET DETAIL



- NOTES:
1. CULVERTS TO BE INSTALLED TO MATCH EXISTING DITCH BOTTOM SLOPE, MIN. 0.5% SLOPE OR SLOPE AND INVERTS INDICATED ON PLAN SHEET.
 2. CULVERTS SHALL BE INSTALLED AS SPECIFIED BY THE MANUFACTURER WITH APPROPRIATE FLARED END SECTION SECURELY ANCHORED IN-PLACE WITH PE THREADED ROD WITH WING NUTS FOR END SECTIONS 12"-24" AND WELDED TO PIPE FOR END SECTION LARGER THAN 24" PER MANUFACTURER'S SPECIFICATIONS. JOINTS FOR HOPE PIPE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
 3. RIPRAP SHALL BE INSTALLED AT THE UPSTREAM AND DOWNSTREAM END OF CULVERT INSTALLED IN EXISTING CHANNEL OR DITCH.
 4. CONTRACTOR TO PROVIDE PROPER DITCH TRANSITIONS PER DETAIL THIS SHEET. ALL DISTURBED DITCH SIDE SLOPES SHALL BE COMPACTED TO A MIN. 95% OF STANDARD PROCTOR.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND PROVIDE DATA FOR ALL REQUIRED CULVERT CROSSING CONSTRUCTION ITEMS PRIOR TO START OF CONSTRUCTION.



DIA. OF ROUND INLET PIPE (in)	IDOT RIPRAP GRADATION (RR)	RIPRAP BED THICKNESS (ft)	APRON LENGTH (ft)	APRON WIDTH UPSTREAM (ft)	APRON WIDTH DOWNSTREAM (ft)	DEPTH BELOW NORMAL GRADE (ft)
		T	L	W1	W2	D
12	RR-3	15.0	12.0	5.0	11.0	6.0
15	RR-3	15.0	14.0	5.0	12.0	6.0
18	RR-3	15.0	16.0	5.5	13.5	7.0
24	RR-4	15.0	20.0	6.0	16.0	10.0
30	RR-4	20.0	22.0	6.0	17.0	11.0
36	RR-4	20.0	24.0	7.0	19.0	11.0

SCALE: VARIES	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			04-00092-00-BR	KANE	440	81
					CONTRACT NO. 63650	
					ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ONE THROUGH TRAFFIC LANE IN EACH DIRECTION ON ILLINOIS ROUTE 25, ILLINOIS ROUTE 31 AND RED GATE RD.
2. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, VERTICAL PANELS, TYPE III BARRICADES, DRUMS, OR TYPE II BARRICADES, AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC, OR AS DIRECTED BY THE ENGINEER.
3. THE ENGINEER SHALL CONTACT THE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
4. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL COMMERCIAL AND PRIVATE ENTRANCES. PAY ITEMS ARE INCLUDED IN THE PLANS FOR THIS ITEM. SEE IDOT DISTRICT 1 STANDARD TC-26 FOR TEMPORARY INFORMATION SIGNING REQUIREMENTS AT DRIVEWAYS.
6. THE CONTRACTOR SHALL MAINTAIN EXISTING LIGHTING DURING THE DURATION OF THE PROJECT AS DIRECTED BY THE ENGINEER.
7. 4 INCH SOLID WHITE PAVEMENT MARKING LINES SHALL BE USED TO DEFINE EDGE LINE WHERE CURB AND GUTTER DOES NOT EXIST.
8. 4 INCH SOLID DOUBLE YELLOW PAVEMENT MARKING LINES ARE TO BE USED TO SEPARATE OPPOSING TRAFFIC LANES.
9. ALL DOUBLE YELLOW CENTERLINE MARKING LINES SHALL BE SPACED AT 11 INCHES CENTER TO CENTER.
10. 6 INCH SOLID WHITE PAVEMENT MARKING LINES ARE TO BE USED TO DEFINE TURN LANES.
11. 12 INCH SOLID YELLOW PAVEMENT MARKING LINES ARE TO BE USED FOR TEMPORARY MEDIAN DIAGONAL LINES AT LOCATIONS AS SHOWN ON THE PLANS.
12. 24 INCH SOLID WHITE PAVEMENT MARKING LINES ARE TO BE USED FOR STOP BARS.
13. ALL TYPE II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
14. ALL TYPE II BARRICADES, VERTICAL PANELS, AND DRUMS SHALL BE SPACED AT 50 FEET CENTER TO CENTER THROUGHOUT THE WORK ZONE, EXCEPT IN TAPER AREAS, GORE AREAS, AND ALONG CORNER RADII, WHERE THEY SHALL BE SPACED AT 25 FEET CENTER TO CENTER.
15. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
16. ALL CONSTRUCTION WARNING SIGN DIMENSIONS SHALL BE 48" X 48".
17. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS (W20-1) SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.
18. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.
19. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED.
20. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
21. DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
22. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY, FIELD ENTRANCE, AND SIDE ROAD ENTRANCE AT ALL TIMES AT THE LOCATIONS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), TEMPORARY ACCESS (FIELD ENTRANCE), AND TEMPORARY ACCESS (ROAD). EACH DRIVEWAY, FIELD ENTRANCE, AND SIDE ROAD SHALL ONLY BE MEASURED FOR PAYMENT ONCE.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL AND PROTECTION FOR THE JACKING PITS REQUIRED FOR THE INSTALLATION OF PROPOSED WATER MAIN AND STORM SEWERS. THE COST OF PROVIDING AND MAINTAINING REQUIRED TRAFFIC CONTROL AND PROTECTION FOR THE JACKING PITS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR WATER MAIN. IN JACKED CASING AND STORM SEWER JACKED IN PLACE (SPECIAL), OF THE SPECIFIED DIAMETER.
24. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A MAINTENANCE OF TRAFFIC CONTROL AND PROTECTION PLAN FOR THE CONSTRUCTION STAGING REQUIRED TO THE PROPOSED IMPROVEMENTS ON ALL SIDE ROADS AND THE COMMERCIAL ENTRANCES.
25. ANY ADDITIONAL TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, DRUMS, VERTICAL PANELS, SIGNS, ETC. REQUIRED FOR THE MAINTENANCE OF TRAFFIC AT THE SIDE ROADS AND ENTRANCES SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION.
26. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL TRENCHES AND OPEN EXCAVATION HOLES FOR PROPOSED STORM SEWER, DRAINAGE STRUCTURES IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON-WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION.
27. PEDESTRIAN SIGNALS SHALL REMAIN IN OPERATION AT ALL TIMES WHILE THE TEMPORARY TRAFFIC SIGNALS ARE IN USE. ANY REQUIRED ADJUSTMENT, RELOCATION OR TEMPORARY CABLING REQUIRED TO MAINTAIN PEDESTRIAN SIGNAL OPERATIONS DURING CONSTRUCTION IS INCIDENTAL TO "TEMPORARY TRAFFIC SIGNAL INSTALLATION". REFER TO TRAFFIC SIGNAL PLANS.

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CITY OF ST. CHARLES

MAINTENANCE OF TRAFFIC NOTES

SCALE: NTS SHEET NO. 1 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	82
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				

ID	Task Name	Duration	Start	Finish	Month											
					March	April	May	June	July	August	Septemb	October	November	December	January	February
1	Red Gate Bridge Suggested Construction Schedule	312 days	Thu 3/1/12	Fri 5/10/13	[Gantt chart showing project duration from 3/1/12 to 5/10/13]											
2	Notice to Proceed	0 days	Mon 3/12/12	Mon 3/12/12	[Milestone diamond at 3/12]											
3	Contractor Mobilization	5 days	Mon 3/12/12	Fri 3/16/12	[Task bar from 3/12 to 3/16]											
4	Fox River Quiet Period (No Work Within Fox River)	77 days	Thu 3/1/12	Fri 6/15/12	[Task bar from 3/1 to 6/15]											
5	Fox River Bridge Construction	175 days	Mon 3/19/12	Fri 11/16/12	[Task bar from 3/19 to 11/16]											
6	East Abutment	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
7	Pier 1	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
8	Pier 2	40 days	Mon 6/18/12	Fri 8/10/12	[Task bar from 6/18 to 8/10]											
9	Pier 3	40 days	Mon 6/18/12	Fri 8/10/12	[Task bar from 6/18 to 8/10]											
10	Pier 4 (Assumes Causeway Placed by Others Prior to Quiet Period, Pending Approval by ACOE)	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
11	Pier 5	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
12	Pier 6	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
13	Pier 7	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
14	West Abutment	105 days	Mon 3/19/12	Fri 8/10/12	[Task bar from 3/19 to 8/10]											
15	Pedestrian Bridge Superstructure	70 days	Mon 8/13/12	Fri 11/16/12	[Task bar from 8/13 to 11/16]											
16	Roadway Bridge Superstructure	70 days	Mon 8/13/12	Fri 11/16/12	[Task bar from 8/13 to 11/16]											
17	Red Gate Road	180 days	Mon 3/12/12	Fri 11/16/12	[Task bar from 3/12 to 11/16]											
18	Install Erosion Control	10 days	Mon 3/12/12	Fri 3/23/12	[Task bar from 3/12 to 3/23]											
19	Underground Utilities	30 days	Mon 3/26/12	Fri 5/4/12	[Task bar from 3/26 to 5/4]											
20	Fine Grade	20 days	Mon 5/7/12	Fri 6/1/12	[Task bar from 5/7 to 6/1]											
21	Install Subbase	20 days	Mon 6/4/12	Fri 6/29/12	[Task bar from 6/4 to 6/29]											
22	PCC Pavement, C&G, Railing	50 days	Mon 9/10/12	Fri 11/16/12	[Task bar from 9/10 to 11/16]											
23	Illinois Route 31	180 days	Mon 3/12/12	Fri 11/16/12	[Task bar from 3/12 to 11/16]											
24	Stage 1	90 days	Mon 3/12/12	Fri 7/13/12	[Task bar from 3/12 to 7/13]											
25	Stage 2	90 days	Mon 7/16/12	Fri 11/16/12	[Task bar from 7/16 to 11/16]											
26	Illinois Route 25	180 days	Mon 3/12/12	Fri 11/16/12	[Task bar from 3/12 to 11/16]											
27	Stage 1	90 days	Mon 3/12/12	Fri 7/13/12	[Task bar from 3/12 to 7/13]											
28	Stage 2	90 days	Mon 7/16/12	Fri 11/16/12	[Task bar from 7/16 to 11/16]											
29	Fall Landscaping	30 days	Wed 9/19/12	Tue 10/30/12	[Task bar from 9/19 to 10/30]											
30	Spring Landscaping	30 days	Mon 4/1/13	Fri 5/10/13	[Task bar from 4/1 to 5/10]											

Project: RedGateBridge_10242011 Date: Sun 10/23/11

Task Progress Summary External Tasks Deadline

Split Milestone Project Summary External Milestone

NOTE
 THE SCHEDULE SHOWN IS SUGGESTED BASED ON THE SUGGESTED SEQUENCE OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SEQUENCE, DATES AND DURATIONS AS NEEDED TO MEET THE MILESTONES DEFINED IN THE SPECIAL PROVISIONS.

PLOT SCALE: 1"=100' FILE NAME: ... USER NAME: mcolemann PLOT DATE: 11/10/2011

SUGGESTED CONSTRUCTION SEQUENCING

STAGE 1

IL-25:

TRAFFIC:

PROVIDE ONE THROUGH LANE IN EACH DIRECTION ALONG ILLINOIS ROUTE 25 WORK ZONE.

TRAFFIC UTILIZES MOST OF THE WEST SIDE OF EXISTING PAVEMENT FROM STA. 298+10 TO STA. 317+76 ON ROUTE 25.

CONSTRUCTION:

CONSTRUCTION AT THE BRIDGE AND RED GATE RD BETWEEN IL 31 AND IL 25 IS INDEPENDENT FROM THE CONSTRUCTION OF IL 31 AND IL 25 AND CAN TAKE PLACE THE ENTIRE DURATION OF CONSTRUCTION.

CONSTRUCT THE PROPOSED NORTHBOUND PAVEMENT WIDENING, TRUNK LINE, AND RETAINING WALL FROM STA. 300+50 TO STA. 317+76. WATER MAIN CONNECTION AND ROADWAY CROSSING FROM 298+50 TO 299+20.

IL-31:

TRAFFIC:

PROVIDE ONE THROUGH LANE IN EACH DIRECTION ALONG ILLINOIS ROUTE 31 WORK ZONE WITH A NORTH BOUND LEFT TURN LANE AT RED GATE RD.

TRAFFIC UTILIZES MOST OF THE WEST SIDE OF EXISTING PAVEMENT FROM STA. 202+44 TO STA. 220+00 ON ROUTE 31.

CONSTRUCTION:

CONSTRUCT THE PROPOSED NORTHBOUND PAVEMENT WIDENING FROM STA. 202+44 TO STA. 220+00. INSTALL WATERMAIN FROM 193+00 TO 209+50.

STAGE 2

IL-25:

TRAFFIC:

PROVIDE ONE THROUGH LANE IN EACH DIRECTION ALONG ILLINOIS ROUTE 25 WORK ZONE.

TRAFFIC UTILIZES MOST OF THE EXISTING PAVEMENT AND THE NEW PAVEMENT FROM STA. 299+00 TO STA. 317+76 ON ROUTE 25.

CONSTRUCTION:

CONSTRUCT THE PROPOSED SOUTHBOUND PAVEMENT WIDENING FROM STA. 300+50 TO STA. 316+76.

IL-31:

TRAFFIC:

PROVIDE ONE THROUGH LANE IN EACH DIRECTION ALONG ILLINOIS ROUTE 31 WORK ZONE.

TRAFFIC UTILIZES MOST OF THE EAST SIDE OF EXISTING PAVEMENT AND THE NEW PAVEMENT FROM STA. 202+44 TO STA. 220+00 ON ROUTE 31.

CONSTRUCTION:

CONSTRUCT THE PROPOSED SOUTHBOUND PAVEMENT WIDENING FROM 202+44 TO STA. 220+00.

RED GATE RD:

TRAFFIC:

PROVIDE ONE THROUGH LANE IN EACH DIRECTION ALONG RED GATE RD WORK ZONE WITH A LEFT TURN LANE AT ILLINOIS ROUTE 31.

TRAFFIC UTILIZES MOST OF EXISTING PAVEMENT FROM STA. 94+61 TO STA. 99+45 ON RED GATE RD.

CONSTRUCTION:

CONSTRUCT THE PROPOSED RIGHT TURN LANE PAVEMENT AT ILLINOIS ROUTE 31 FROM STA. 95+52 TO STA. 99+62 AND THE PROPOSED NORTH WEST RADIUS RETURN PAVEMENT AT THE RED GATE RD AND ILLINOIS ROUTE 31 INTERSECTION.

STAGE 3:

TRAFFIC:

PROPOSED CONDITION WITH LANE CLOSURES.

CONSTRUCTION:

RESURFACING THE EXISTING PAVEMENT TO MATCH THE NEWLY CONSTRUCTED PAVEMENT.

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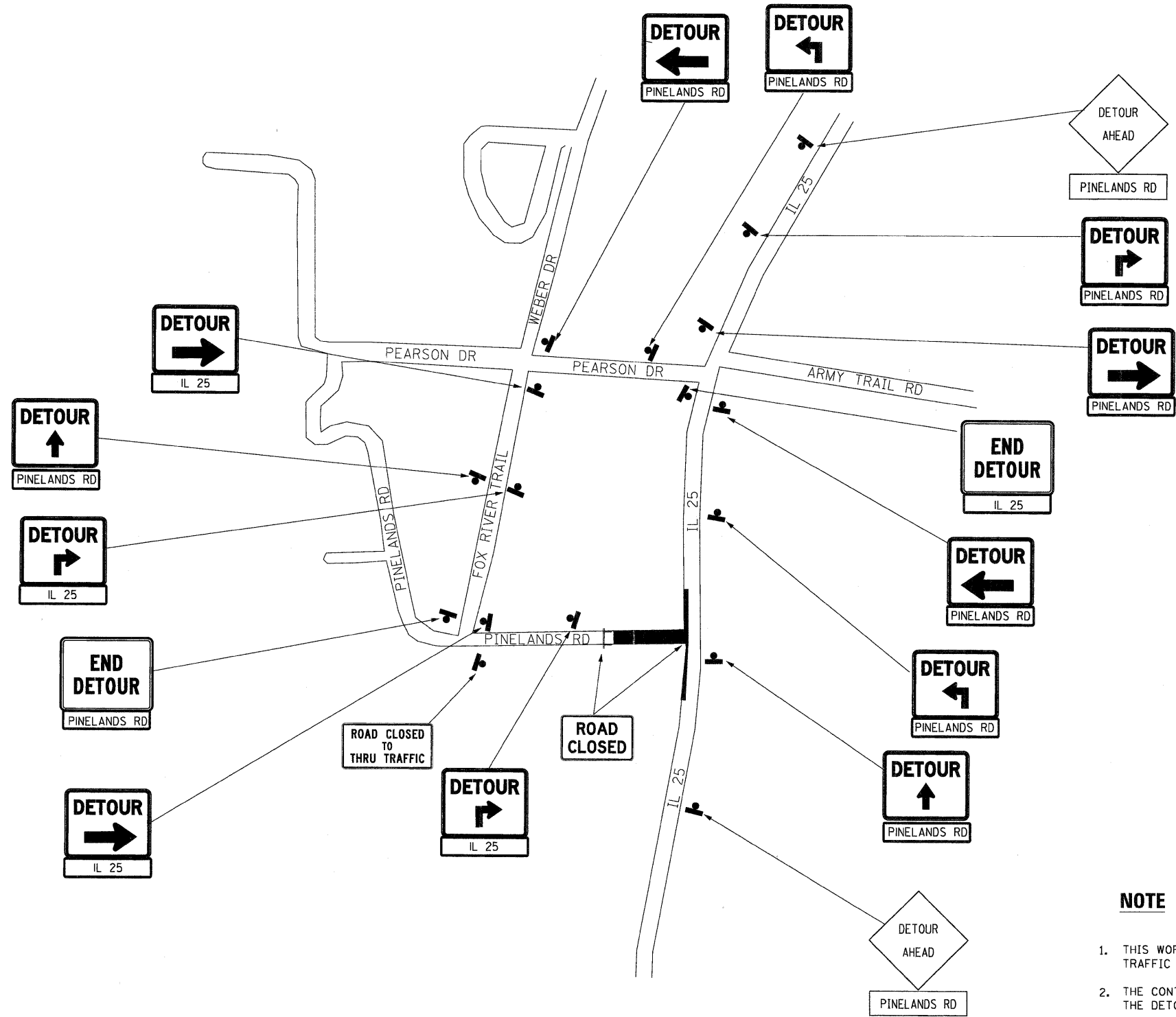


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
SEQUENCE OF CONSTRUCTION**

SCALE: NTS SHEET NO. 3 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	84
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



NOTE

1. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
2. THE CONTRACTOR'S SCHEDULE SHALL INCLUDE THE DATES AND DURATION THE DETOUR WILL BE REQUIRED FOR APPROVAL OF THE ENGINEER.
3. THE DURATION OF THE DETOUR SHALL BE LIMITED TO A REASONABLE AMOUNT OF TIME REQUIRED TO RECONSTRUCT THE PINELANDS ROAD INTERSECTION.

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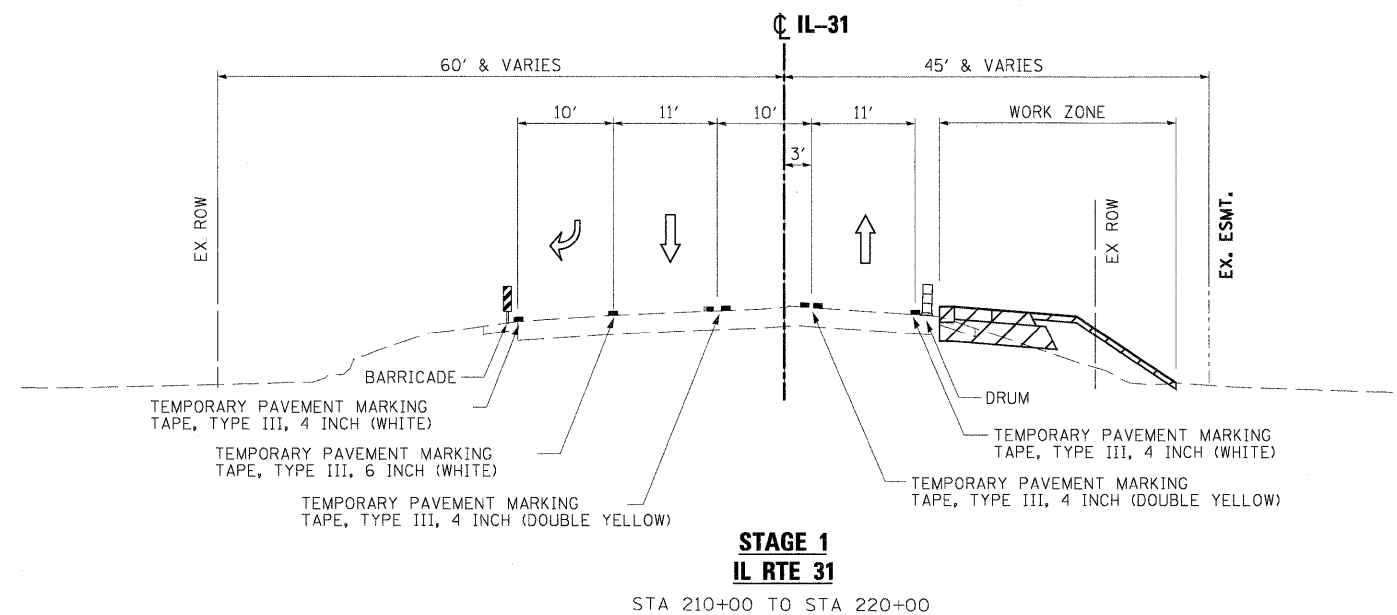
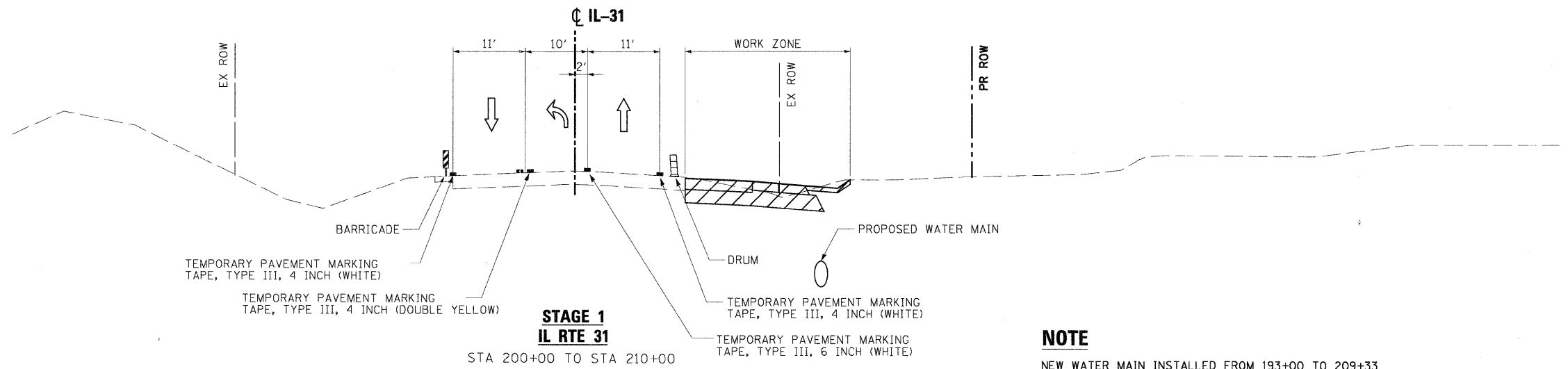


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
DETOUR PINELANDS ROAD**

SCALE: NTS SHEET NO. 4 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	85
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



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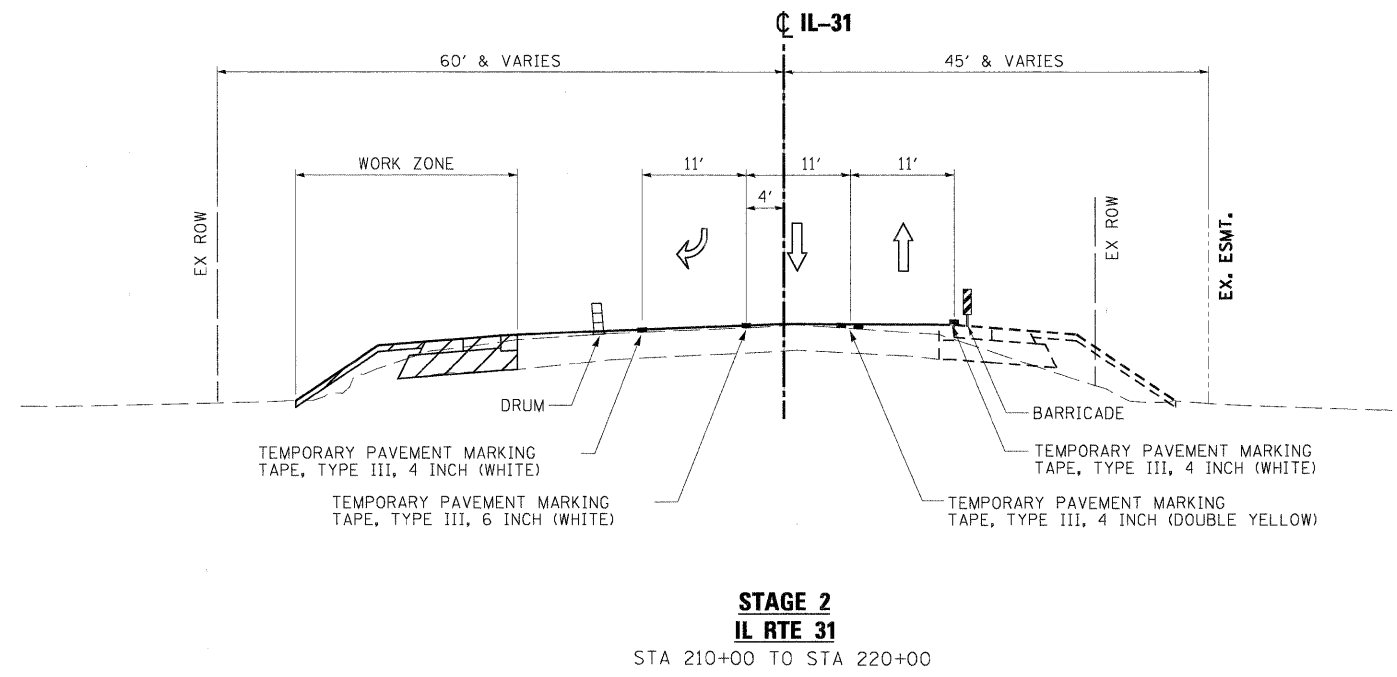
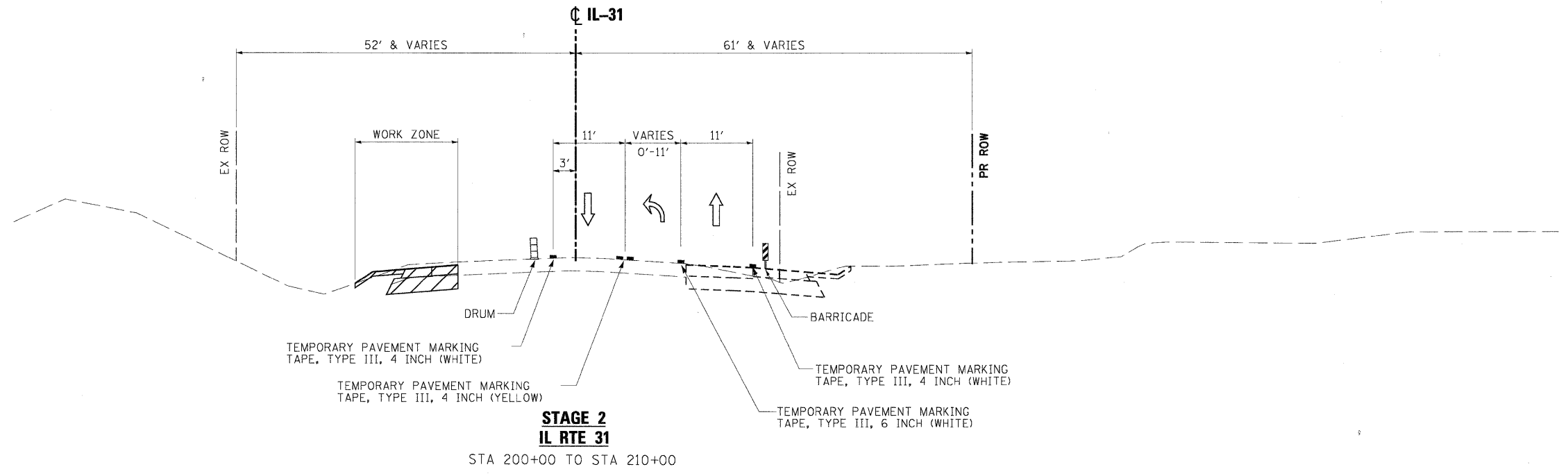


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 31- TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 5 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	86
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



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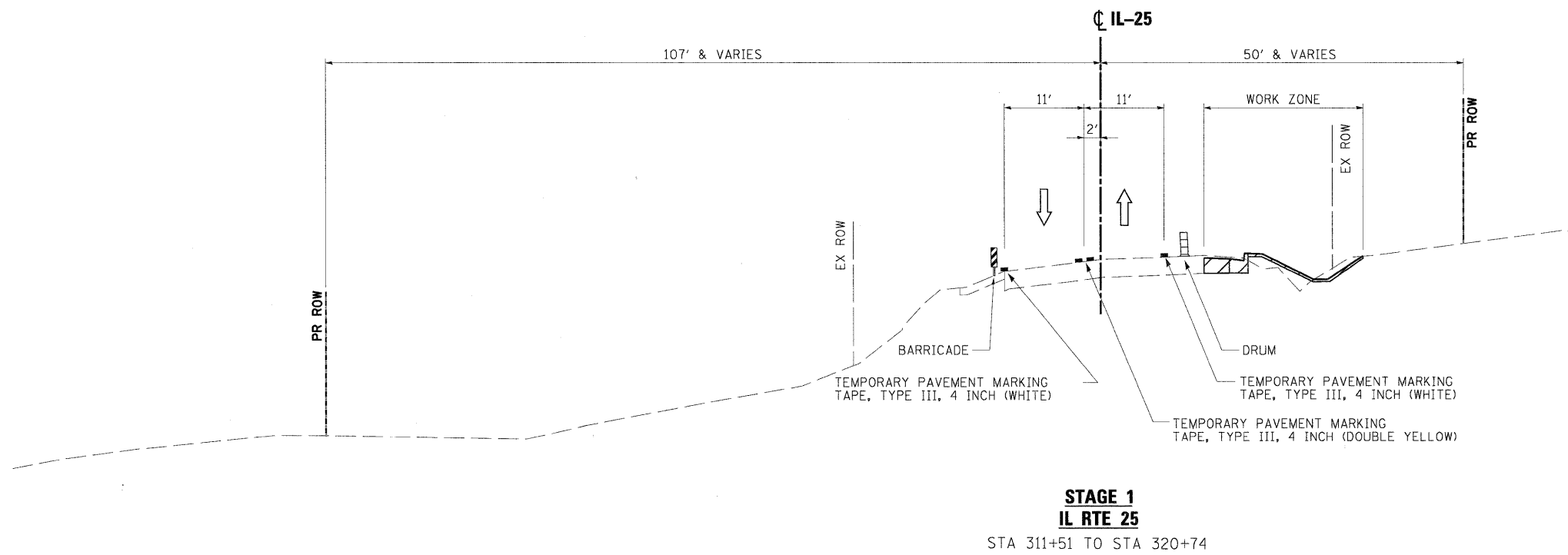
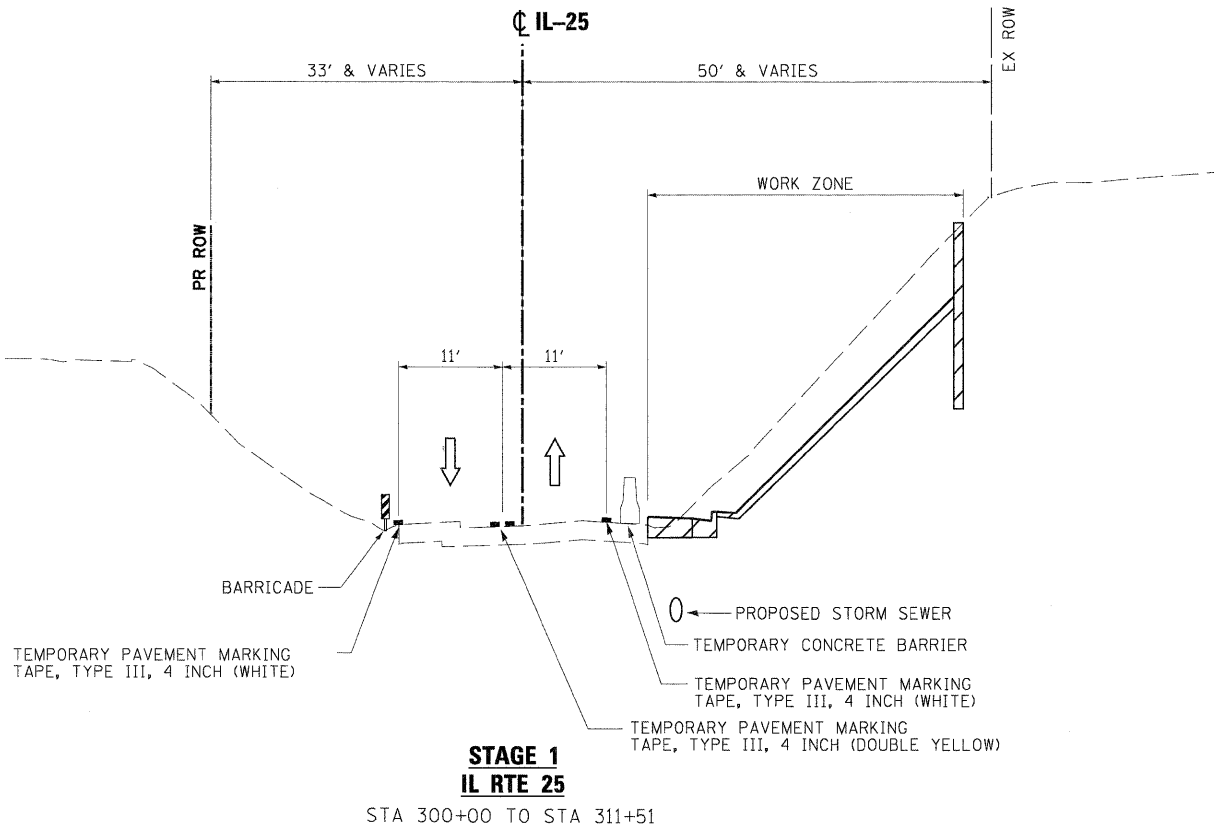


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 31- TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 6 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	87
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



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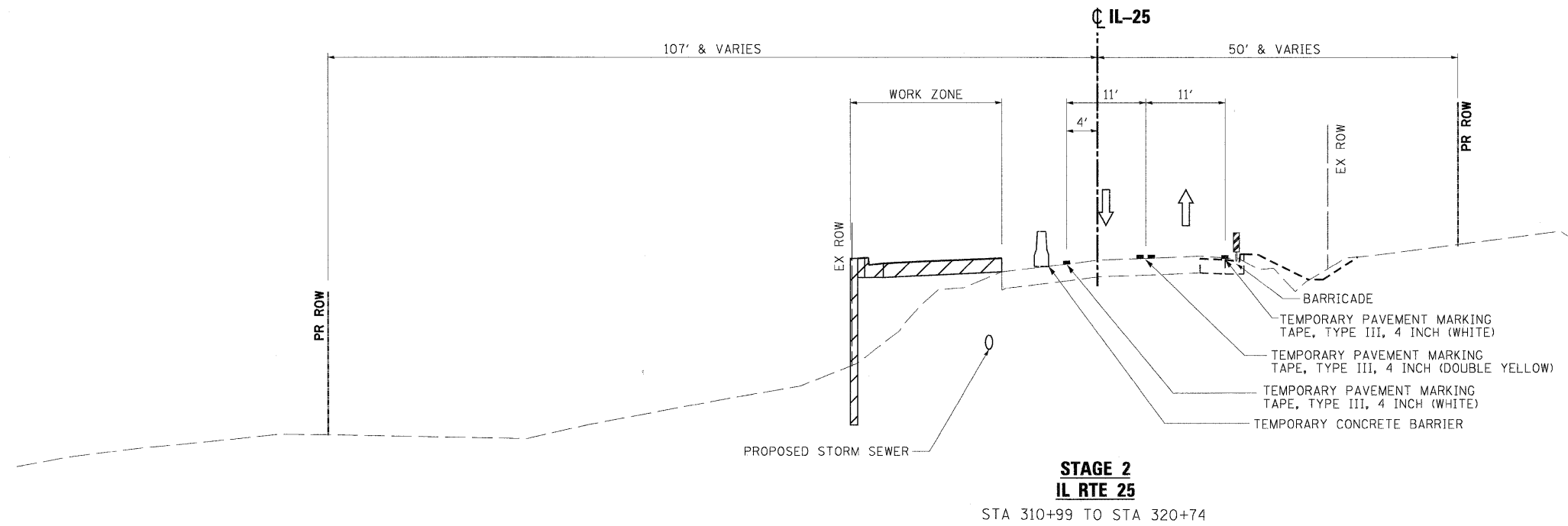
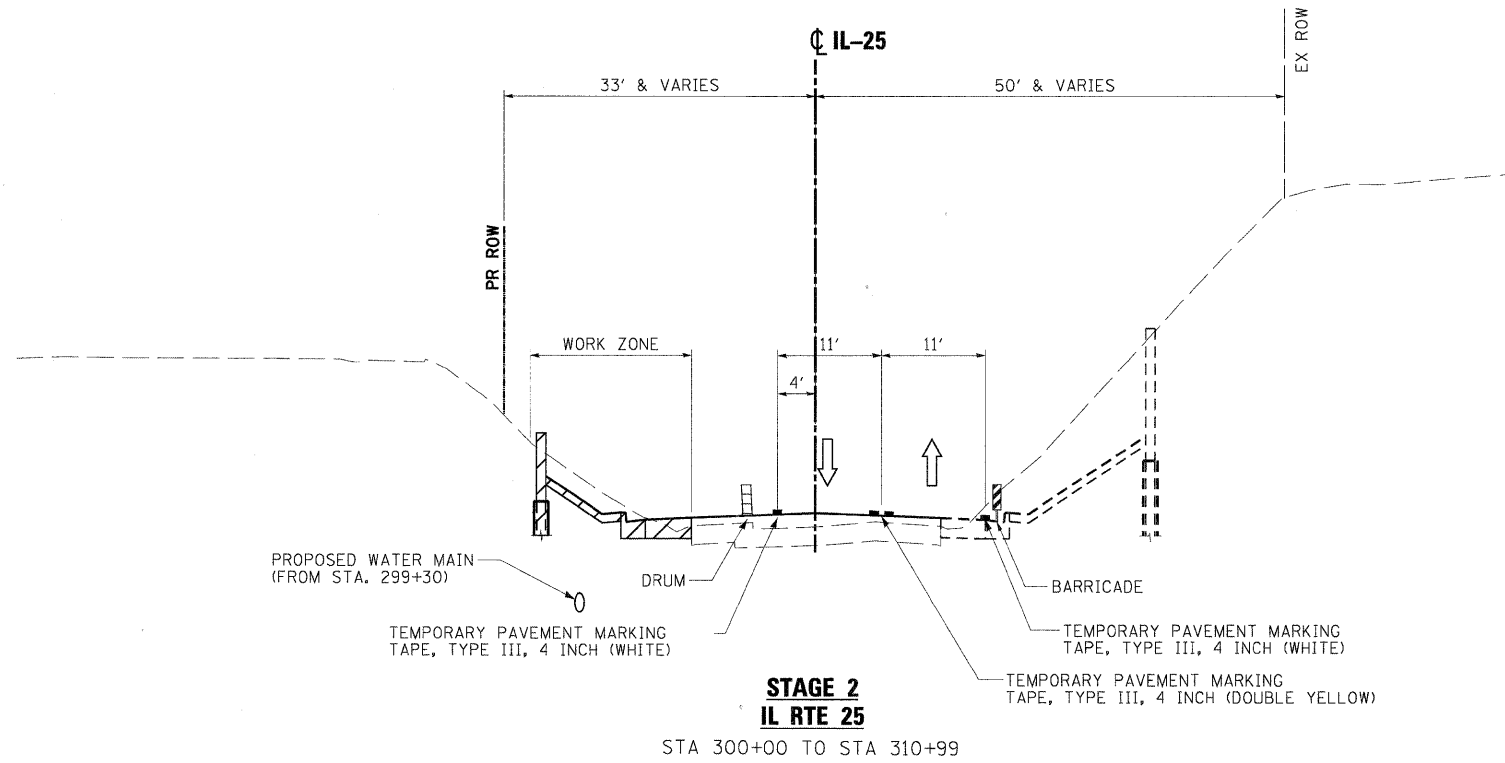


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 25 - TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 7 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	88
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



PLOT SCALE: 1/8" = 1'-0"
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 PLOT DATE: 11/10/2011

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USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -

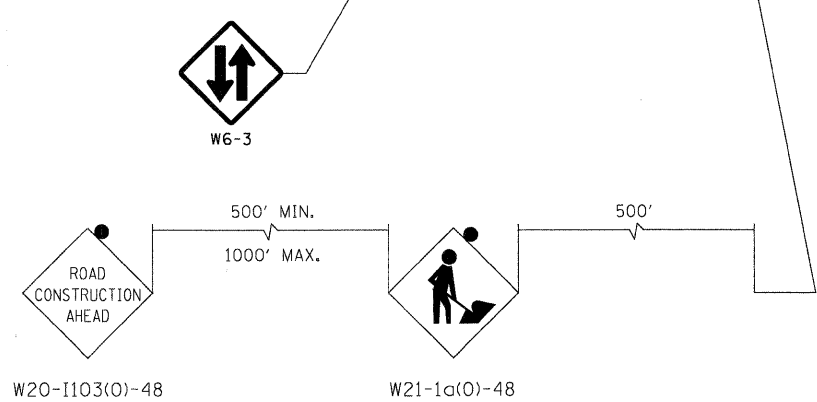
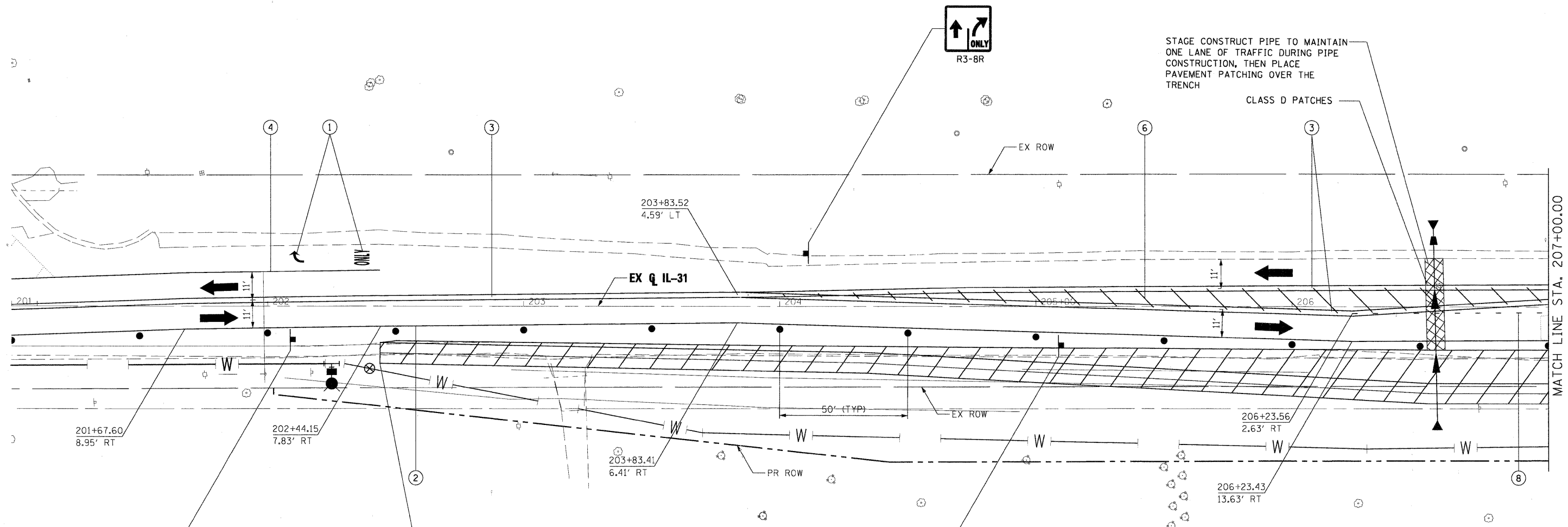
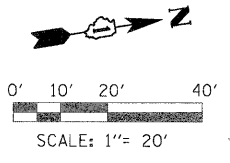


CITY OF ST. CHARLES

MAINTENANCE OF TRAFFIC
IL 25 - TYPICAL SECTIONS

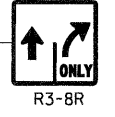
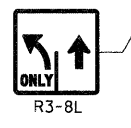
SCALE: NTS SHEET NO. 8 OF 20 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	89
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



ADVANCE SIGN SEQUENCE

NOTE
 WATER MAIN WORK EXTENDS TO STA. 193+00.
 USE IDOT STANDARDS 701006-03 AND 701201-04 FOR WORK.



LEGEND

- WORK AREA
 - FLASHING ARROW BOARD
 - TRAFFIC LANE
 - TYPE III BARRICADES
 - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
 - TEMPORARY SIGN
 - DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN
 - IMPACT ATTENUATOR
 - PROPOSED ROW
 - EXISTING ROW
 - TEMPORARY EASEMENT
- ① TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE)
 - ② TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE)
 - ③ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW)
 - ④ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE)
 - ⑧ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED)

PLOT SCALE: 1/8" = 10' (PRINTED) FILE: 11/10/2011 10:59:40 AM
 USER: macoleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...:\prip1n-ABC-sh1-IL31-mot1-01.dgn	DRAWN - TMB	REVISED -
USER NAME = macoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE = 10/23/2011	REVISED -

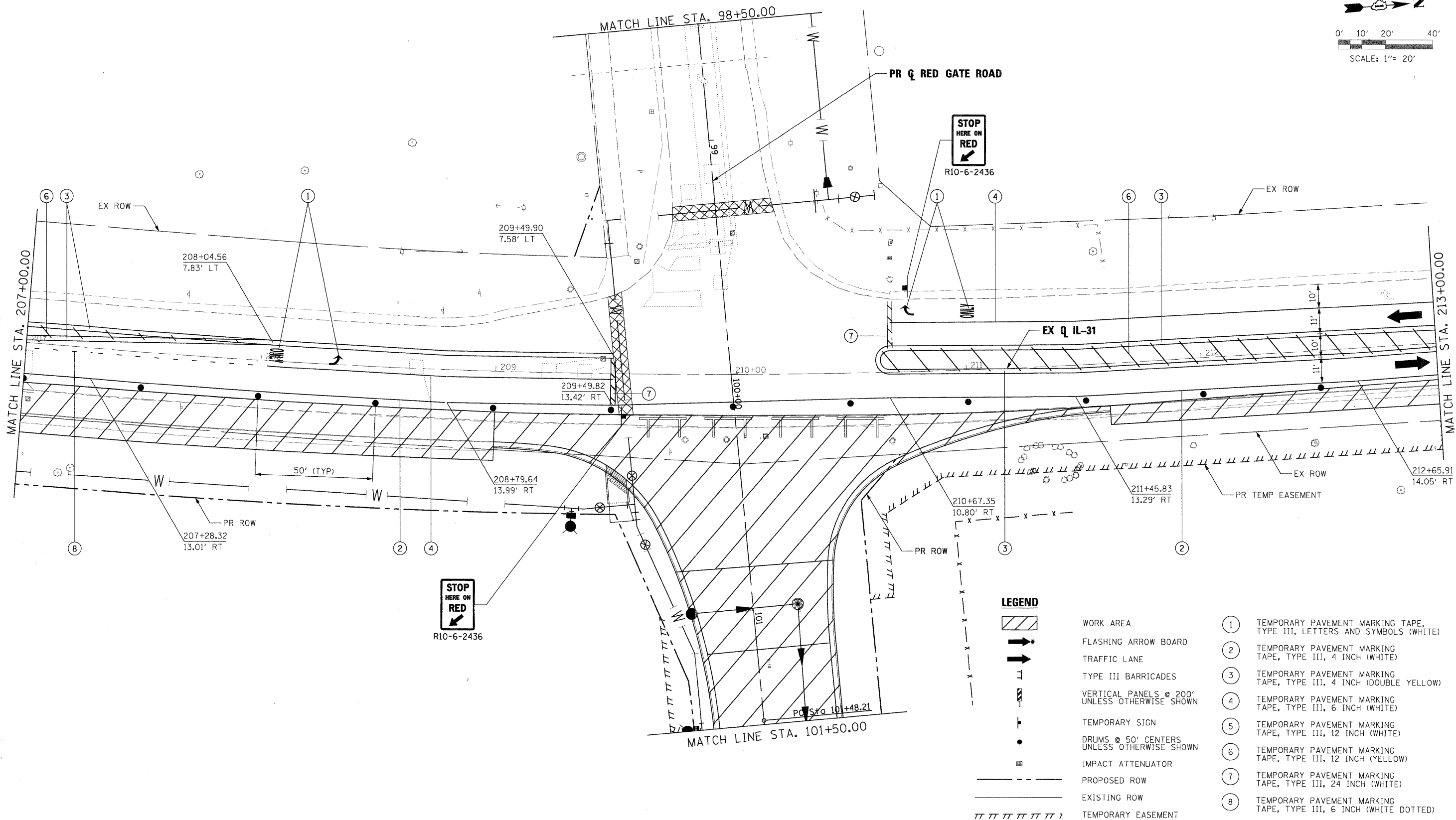
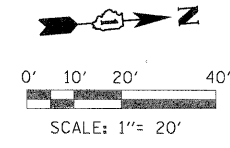


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
 IL 31 — STAGE 1**

SCALE: 1"=20' SHEET NO. 9 OF 20 SHEETS STA. BOP TO STA. 207+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	90
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- WORK AREA
 - FLASHING ARROW BOARD
 - TRAFFIC LANE
 - TYPE III BARRICADES
 - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
 - TEMPORARY SIGN
 - DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN
 - IMPACT ATTENUATOR
 - PROPOSED ROW
 - EXISTING ROW
 - TEMPORARY EASEMENT
- ① TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE)
 - ② TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE)
 - ③ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW)
 - ④ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE)
 - ⑧ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED)

PLOT SCALE: 1"=20'
 FILE NAME = ...\\prp1n-abc-shr-1L31-mo1-102.dgn
 USER NAME = mcoleman
 PLOT DATE = 11/10/2011

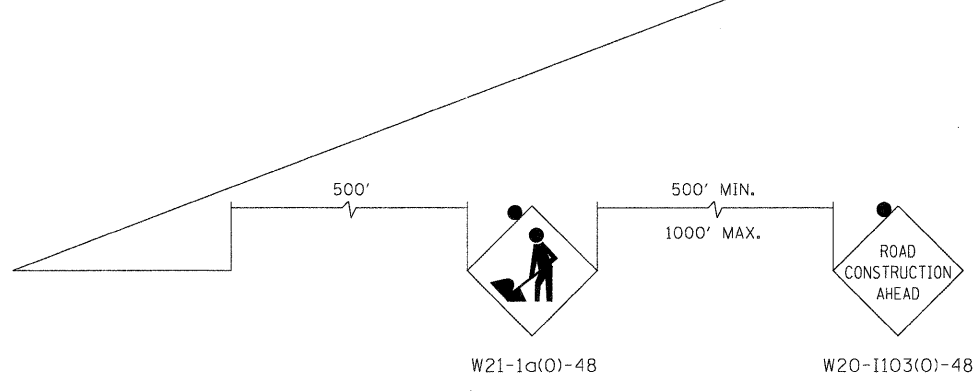
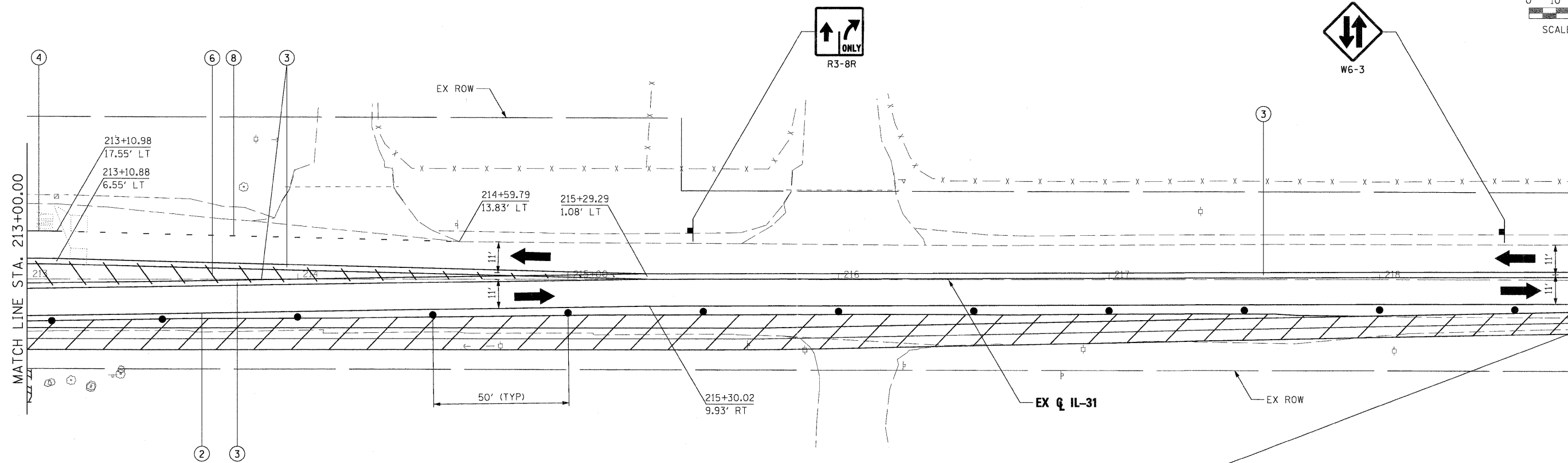
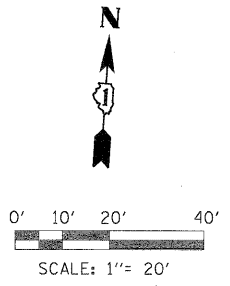
DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

MAINTENANCE OF TRAFFIC IL 31 -- STAGE 1		
SCALE: 1"=20'	SHEET NO. 10 OF 20 SHEETS	STA. 207+00.00 TO STA. 213+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	91
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				



ADVANCE SIGN SEQUENCE

LEGEND

- WORK AREA
- FLASHING ARROW BOARD
- TRAFFIC LANE
- TYPE III BARRICADES
- VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
- TEMPORARY SIGN
- DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN
- IMPACT ATTENUATOR
- PROPOSED ROW
- EXISTING ROW
- TEMPORARY EASEMENT
- ① TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE)
- ② TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE)
- ③ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW)
- ④ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW)
- ⑦ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED)

PLOT SCALE: 1"=20'
 FILE NAME: ...
 USER NAME: mcolemm
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
... \prp\In-ABC-sh1-IL31-mat1-03.dgn	DRAWN - TMB	REVISED -
USER NAME = mcolemm	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -

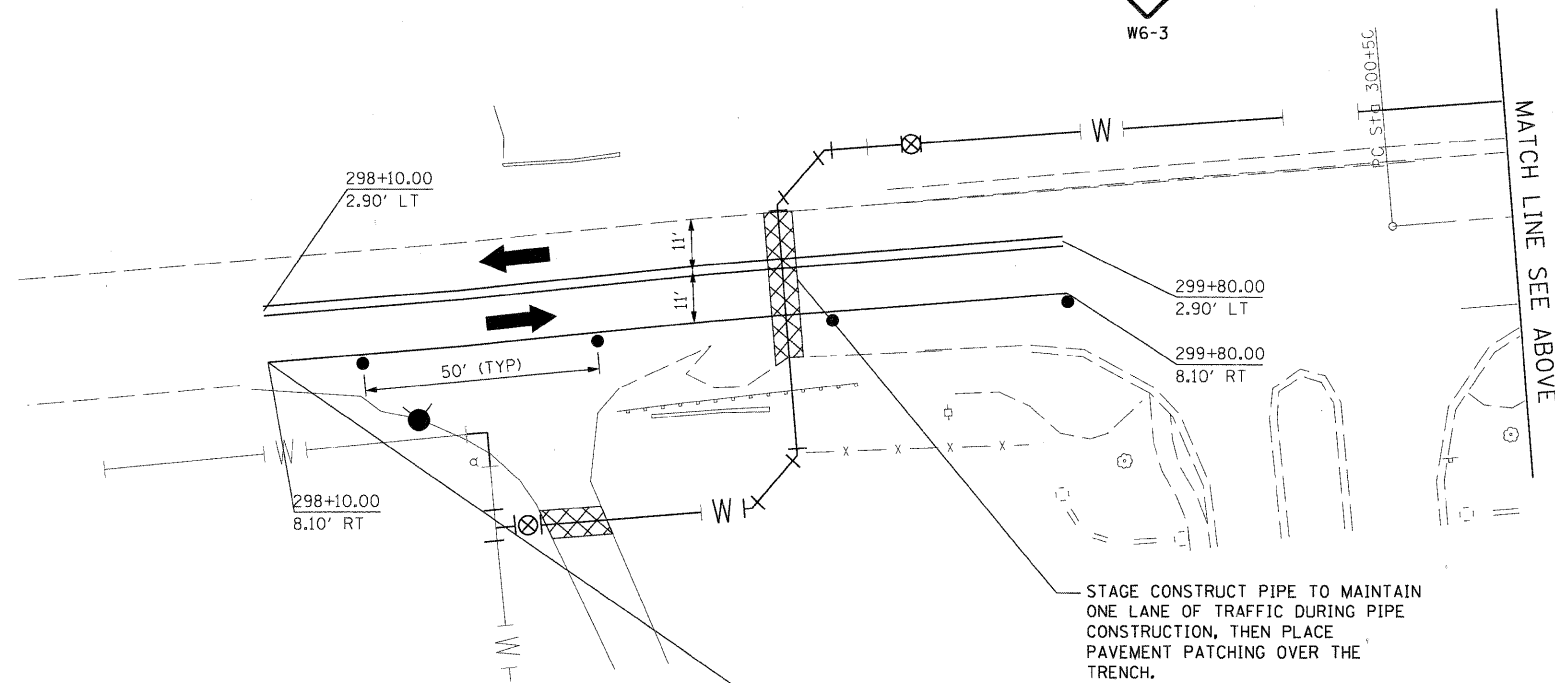
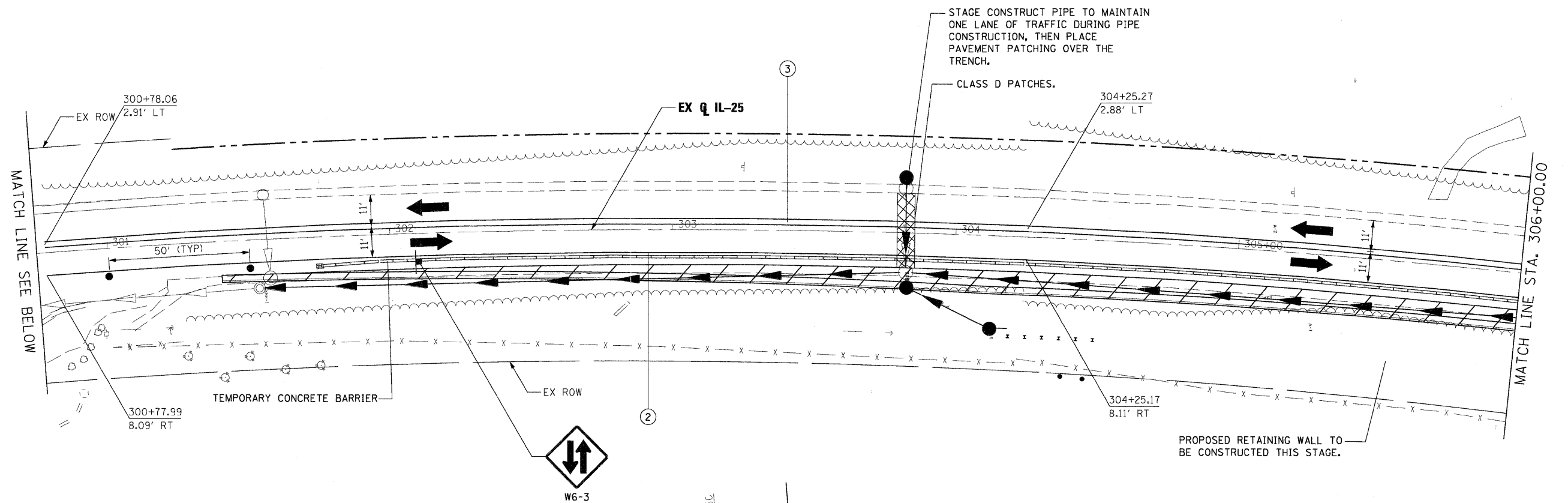


CITY OF ST. CHARLES

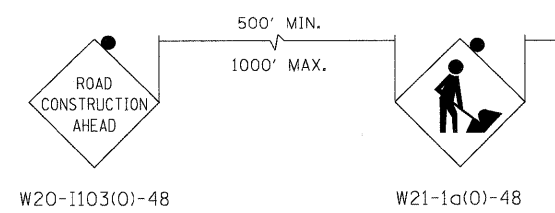
**MAINTENANCE OF TRAFFIC
IL 31 — STAGE 1**

SCALE: 1"=20' SHEET NO. 11 OF 20 SHEETS STA. 213+00.00 TO STA. EOP

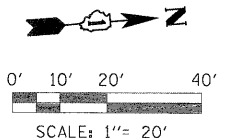
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	92
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



- LEGEND**
- WORK AREA
 - FLASHING ARROW BOARD
 - TRAFFIC LANE
 - TYPE III BARRICADES
 - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
 - TEMPORARY SIGN
 - DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN
 - IMPACT ATTENUATOR
 - PROPOSED ROW
 - EXISTING ROW
 - TEMPORARY EASEMENT
- ① TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE)
 - ② TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE)
 - ③ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW)
 - ④ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE)
 - ⑧ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED)

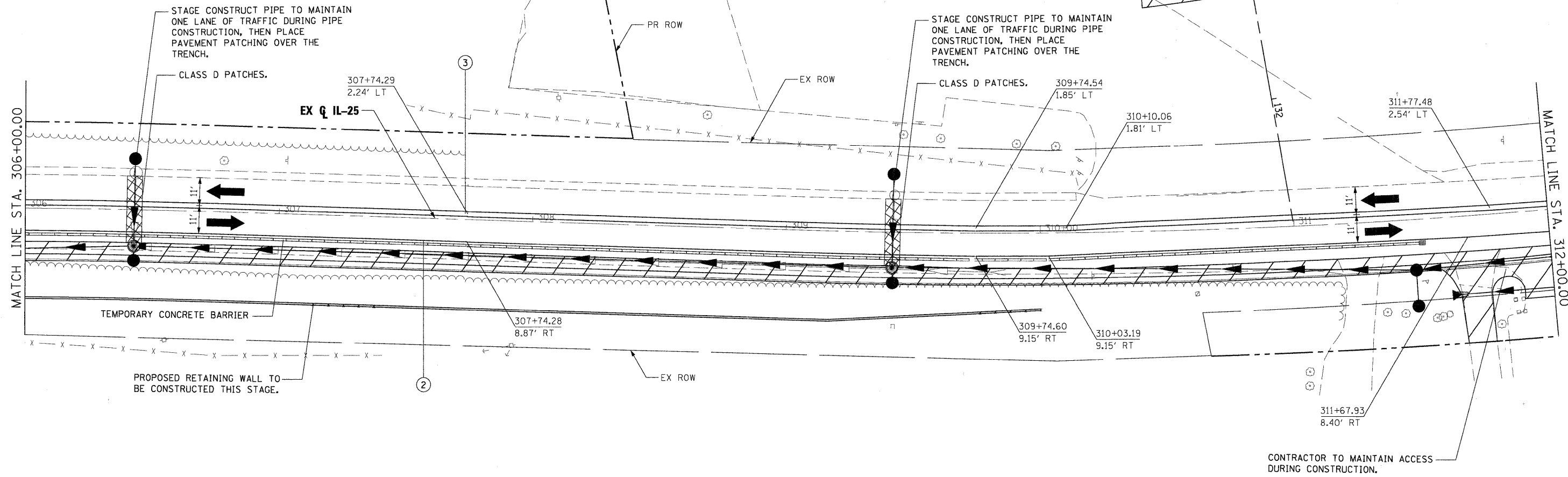
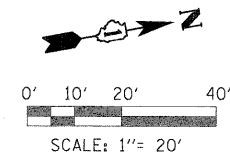


ADVANCE SIGN SEQUENCE



PLOT SCALE: 1/2"= 20'
 FILE NAME: ...\\ppp\in-abc-shr-IL25-mot-04.dgn
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -	 engineers · scientists · planners	 CITY OF ST. CHARLES	MAINTENANCE OF TRAFFIC IL 25 — STAGE 1			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\ppp\in-abc-shr-IL25-mot-04.dgn	DRAWN - TMB	REVISED -						04-00092-00-BR	KANE	440	93	
USER NAME = mcoleman	CHECKED - RMT	REVISED -			SCALE: 1"=20' SHEET NO. 12 OF 20 SHEETS STA. BOP TO STA. 306+00.00			CONTRACT NO. 63650				
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -			ILLINOIS FED. AID PROJECT							



LEGEND

- | | | | |
|--|-----------------------------------------------|---|------------------------------------------------------------------------|
| | WORK AREA | ① | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE) |
| | FLASHING ARROW BOARD | ② | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE) |
| | TRAFFIC LANE | ③ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW) |
| | TYPE III BARRICADES | ④ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE) |
| | VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN | ⑤ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE) |
| | TEMPORARY SIGN | ⑥ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW) |
| | DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN | ⑦ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE) |
| | IMPACT ATTENUATOR | ⑧ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED) |
| | PROPOSED ROW | | |
| | EXISTING ROW | | |
| | TEMPORARY EASEMENT | | |

PLOT SCALE: 1"=20' (FULL SIZE) FILE NAME: \\ppln-abc-sht-IL25-motl-05.dgn USER NAME: rcoleman PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
\\ppln-abc-sht-IL25-motl-05.dgn	DRAWN - TMB	REVISED -
USER NAME = rcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -

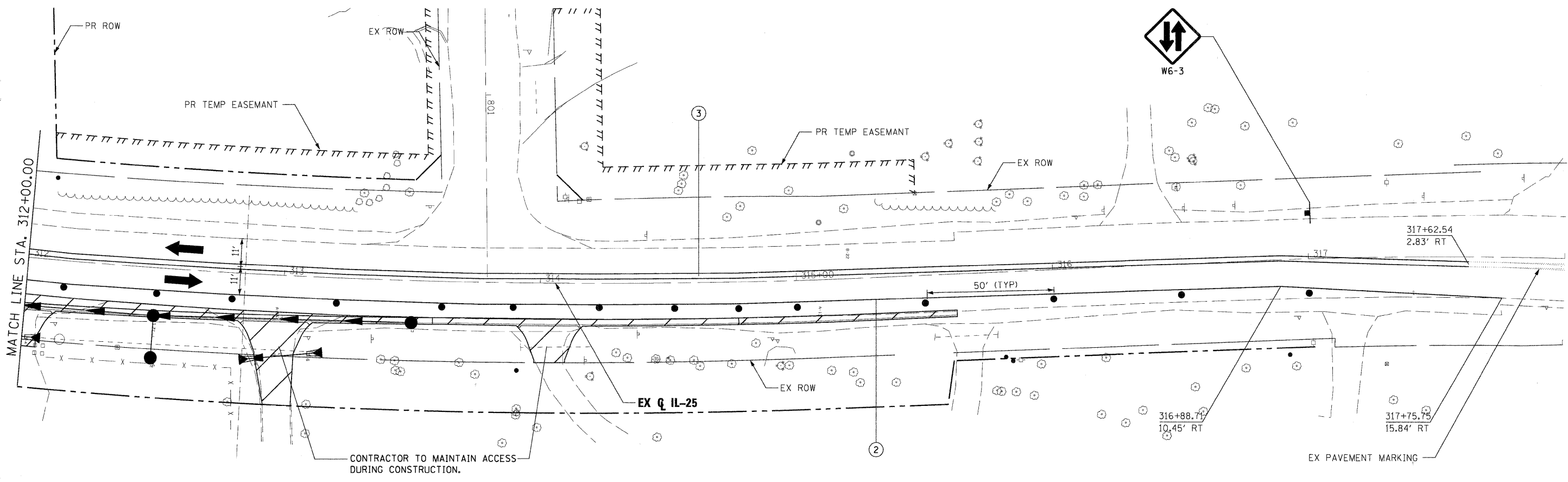
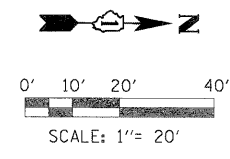


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 25 — STAGE 1**

SCALE: 1"=20' SHEET NO. 13 OF 20 SHEETS STA. 306+00.00 TO STA. 312+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	94
CONTRACT NO. 63650			ILLINOIS FED. AID PROJECT	



LEGEND

- | | | | |
|--|-----------------------------------------------|-----|------------------------------------------------------------------------|
| | WORK AREA | (1) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE) |
| | FLASHING ARROW BOARD | (2) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE) |
| | TRAFFIC LANE | (3) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW) |
| | TYPE III BARRICADES | (4) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE) |
| | VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN | (5) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE) |
| | TEMPORARY SIGN | (6) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW) |
| | DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN | (7) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE) |
| | IMPACT ATTENUATOR | (8) | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED) |
| | PROPOSED ROW | | |
| | EXISTING ROW | | |
| | TEMPORARY EASEMENT | | |

PLOT SCALE: 1"=20'
 FILE NAME: ...
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

DESIGNED - MAC	REVISED -
DRAWN - TMB	REVISED -
CHECKED - RMT	REVISED -
DATE - 10/23/2011	REVISED -

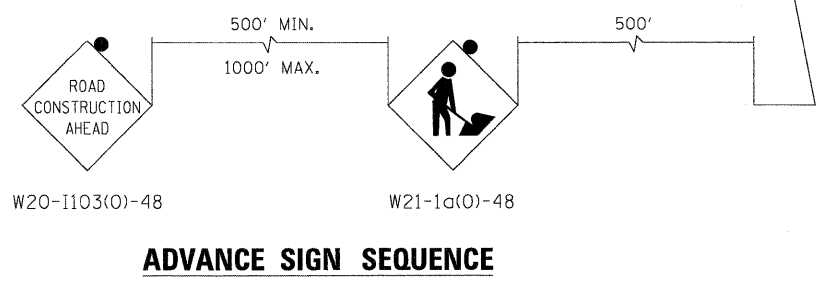
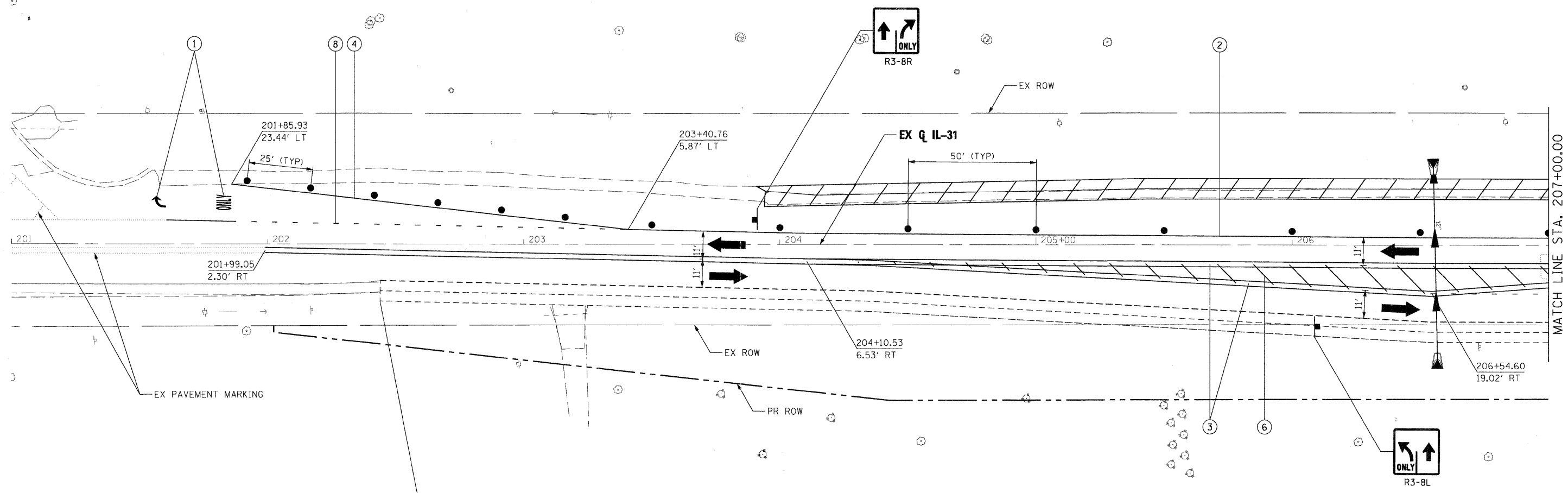
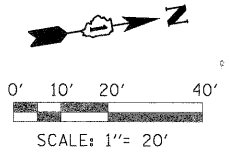


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 25 — STAGE 1**

SCALE: 1"=20' SHEET NO. 14 OF 20 SHEETS STA. 312+00.00 TO STA. EOP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	95
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



- LEGEND**
- WORK AREA
 - FLASHING ARROW BOARD
 - TRAFFIC LANE
 - TYPE III BARRICADES
 - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
 - TEMPORARY SIGN
 - DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN
 - IMPACT ATTENUATOR
 - PROPOSED ROW
 - EXISTING ROW
 - TEMPORARY EASEMENT
- ① TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE)
 - ② TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE)
 - ③ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW)
 - ④ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE)
 - ⑧ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED)

PLOT SCALE: 1"=20'
 FILE NAME: ...
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...\\prpln\abc\sh\il31-mot2-01.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -

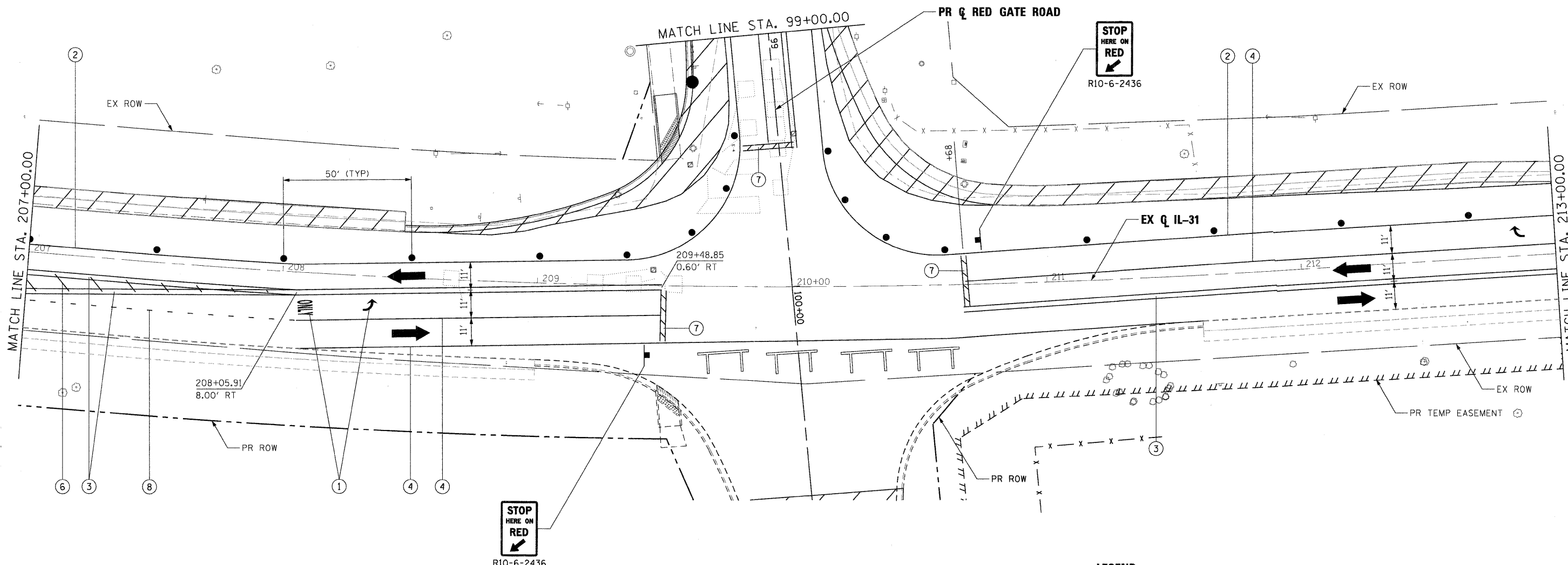
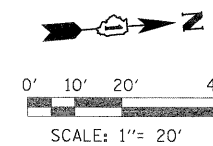


CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 31 — STAGE 2**

SCALE: 1"=20' SHEET NO. 15 OF 20 SHEETS STA. BOP TO STA. 207+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	96
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|-----------------------------------------------|--|------------------------------------------------------------------------|
| | WORK AREA | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE) |
| | FLASHING ARROW BOARD | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE) |
| | TRAFFIC LANE | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW) |
| | TYPE III BARRICADES | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE) |
| | VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE) |
| | TEMPORARY SIGN | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW) |
| | DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE) |
| | IMPACT ATTENUATOR | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED) |
| | PROPOSED ROW | | |
| | EXISTING ROW | | |
| | TEMPORARY EASEMENT | | |

NOTE

THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF THE PROPOSED ELECTRICAL VAULT IN THE NORTHWEST CORNER OF THE INTERSECTION WITH THE STAGE CONSTRUCTION FOR THE PROJECT UTILIZING APPLICABLE MAINTENANCE OF TRAFFIC HIGHWAY STANDARDS FOR ITS CONSTRUCTION.

PLOT SCALE: 1/2" = 20' FILE NAME: ... USER NAME: mcoleman PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
... \prp1n-ABC-ht-IL31-mot2-02.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE = 10/23/2011	REVISED -

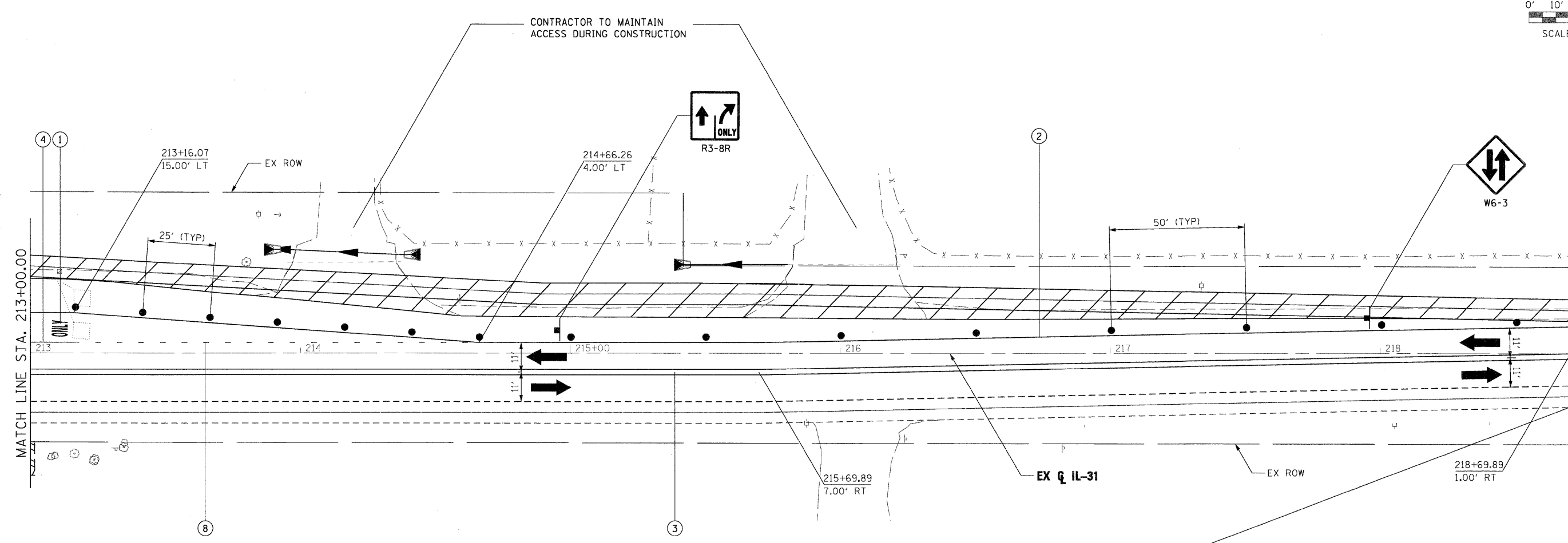
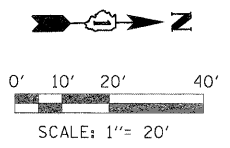


CITY OF ST. CHARLES

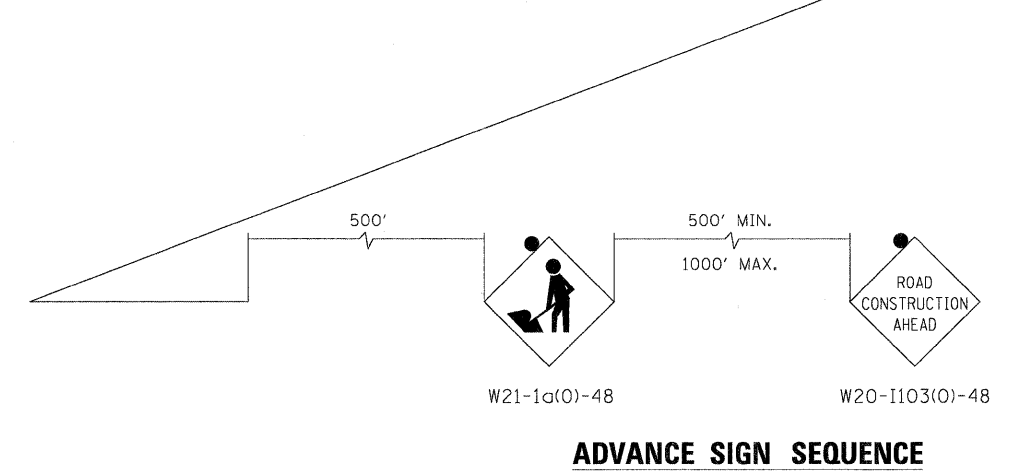
**MAINTENANCE OF TRAFFIC
IL 31 — STAGE 2**

SCALE: 1"=20' SHEET NO. 16 OF 20 SHEETS STA. 207+00.00 TO STA. 213+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	97
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				



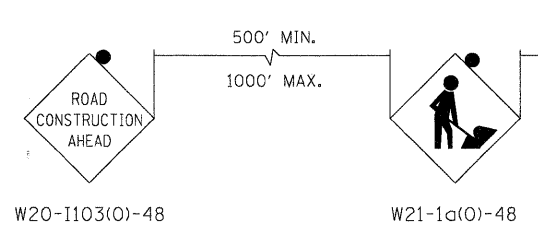
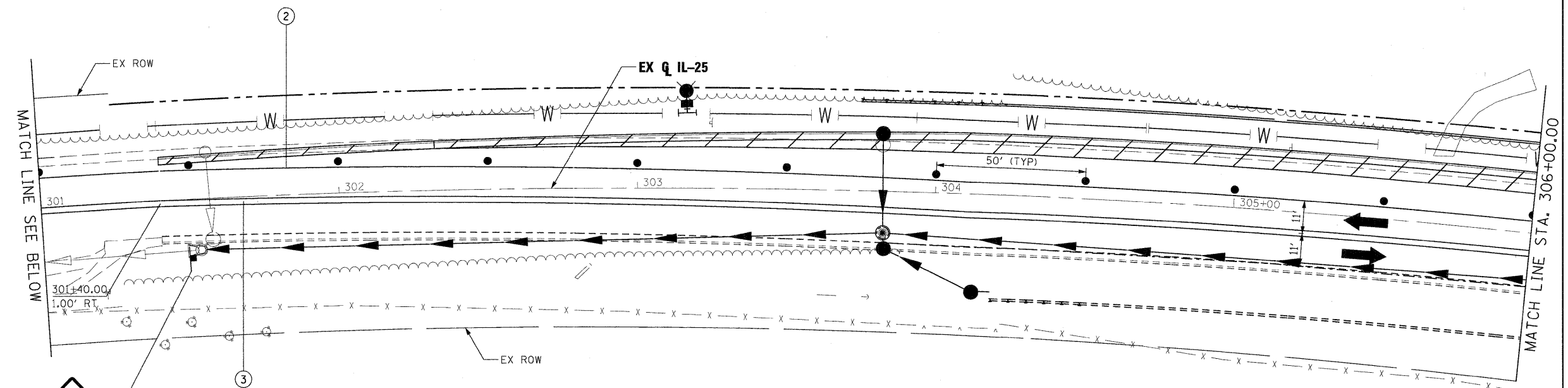
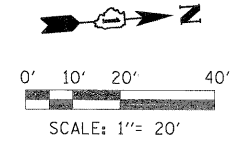
MATCH LINE STA. 213+00.00



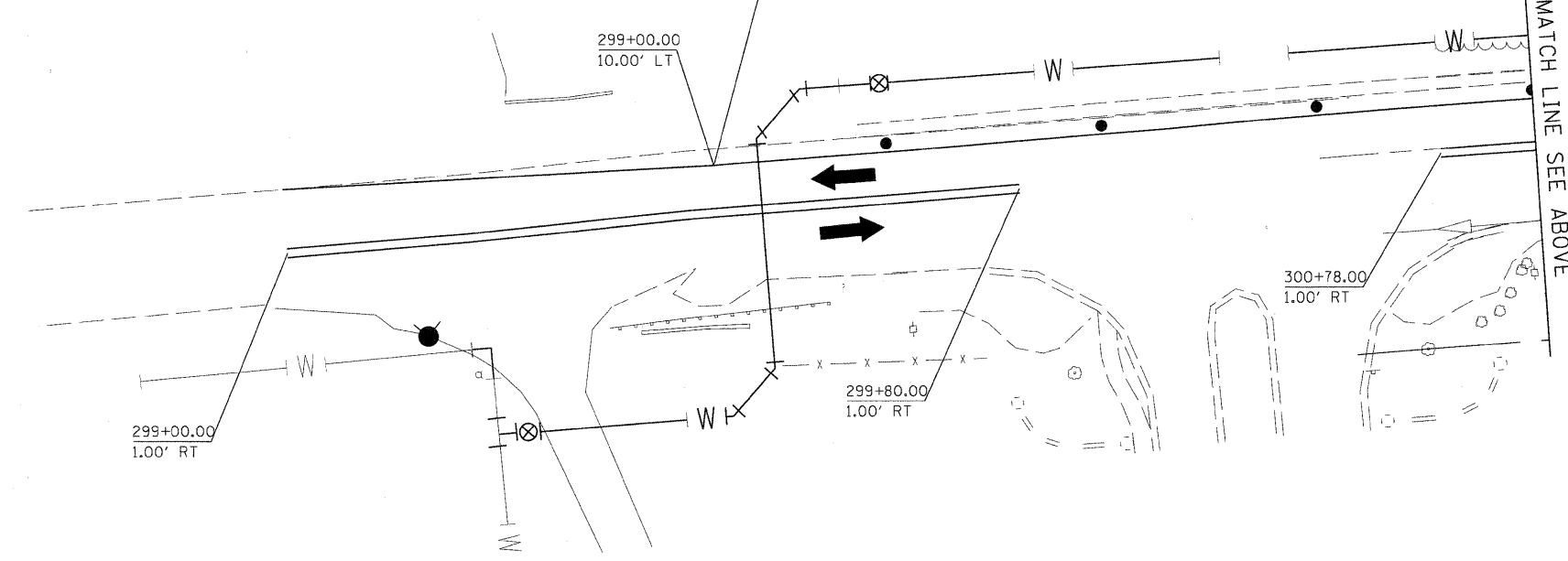
- LEGEND**
- WORK AREA
 - FLASHING ARROW BOARD
 - TRAFFIC LANE
 - TYPE III BARRICADES
 - VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN
 - TEMPORARY SIGN
 - DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN
 - IMPACT ATTENUATOR
 - PROPOSED ROW
 - EXISTING ROW
 - TEMPORARY EASEMENT
- ① TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE)
 - ② TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE)
 - ③ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW)
 - ④ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE)
 - ⑤ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE)
 - ⑥ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW)
 - ⑦ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE)
 - ⑧ TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED)

PLOT SCALE: 1/8"= 10' FILE NAME: ... USER NAME: mcoleman PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -			MAINTENANCE OF TRAFFIC IL 31 — STAGE 2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \ppln-ABC-shr-IL31-mot2-03.dgn	DRAWN - TMB	REVISED -				04-00092-00-BR	KANE	440	98	
USER NAME = mcoleman	CHECKED - RMT	REVISED -				CONTRACT NO. 63650				
PLOT DATE = 11/10/2011	DATE = 10/23/2011	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'						SHEET NO. 17 OF 20 SHEETS		STA. 213+00.00 TO STA. EOP		



ADVANCE SIGN SEQUENCE

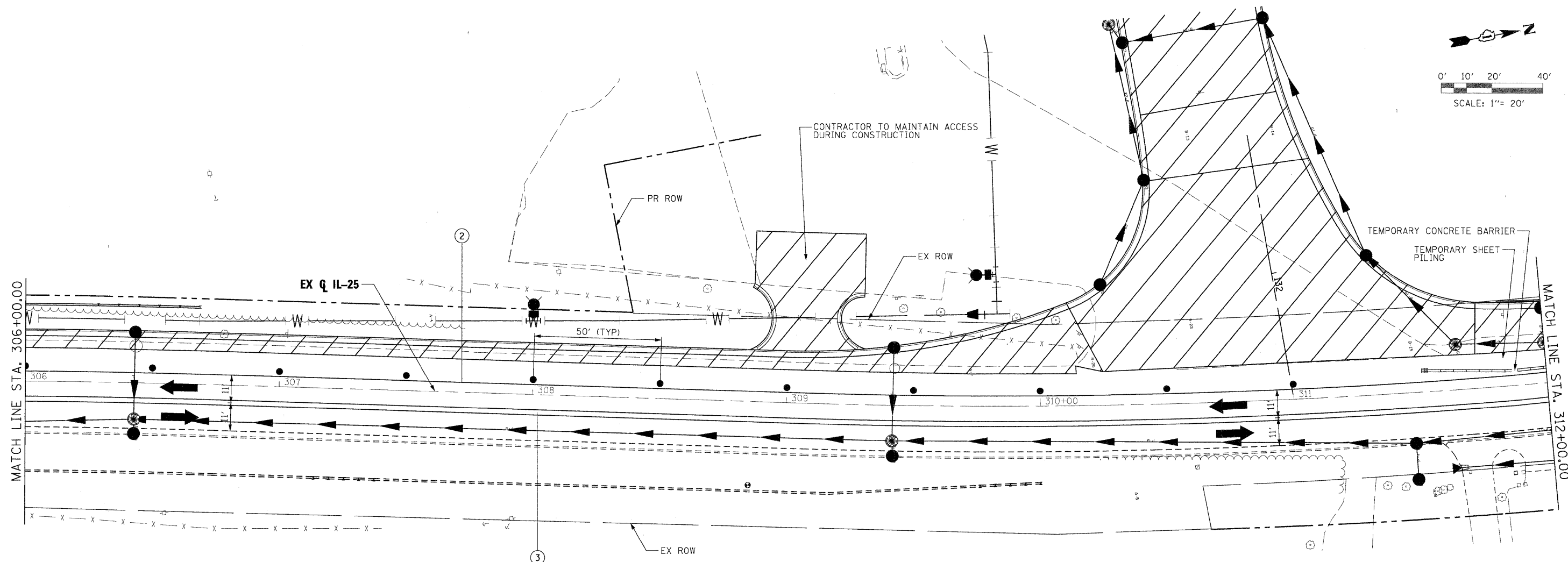
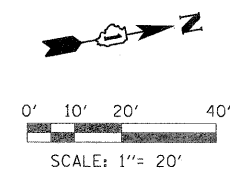


LEGEND

- | | | | |
|--|-----------------------------------------------|--|------------------------------------------------------------------------|
| | WORK AREA | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE) |
| | FLASHING ARROW BOARD | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE) |
| | TRAFFIC LANE | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW) |
| | TYPE III BARRICADES | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE) |
| | VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE) |
| | TEMPORARY SIGN | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW) |
| | DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE) |
| | IMPACT ATTENUATOR | | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED) |
| | PROPOSED ROW | | |
| | EXISTING ROW | | |
| | TEMPORARY EASEMENT | | |

PLOT SCALE: 1"=20'
 FILE NAME: ...
 USER NAME: mcoleman
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -	 benesch engineers · scientists · planners	 CITY OF ST. CHARLES	MAINTENANCE OF TRAFFIC IL 25 — STAGE 2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...prpln-ABC-sht-IL25-mat2-04.dgn	DRAWN - TMB	REVISED -							04-00092-00-BR	KANE	440	99
USER NAME = mcoleman	CHECKED - RMT	REVISED -			SCALE: 1"=20'			SHEET NO. 18 OF 20 SHEETS	STA. BOP TO STA. 306+00.00	CONTRACT NO. 63650		
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -			ILLINOIS FED. AID PROJECT							



LEGEND

- | | | | |
|--|-----------------------------------------------|---|------------------------------------------------------------------------|
| | WORK AREA | ① | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LETTERS AND SYMBOLS (WHITE) |
| | FLASHING ARROW BOARD | ② | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (WHITE) |
| | TRAFFIC LANE | ③ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH (DOUBLE YELLOW) |
| | TYPE III BARRICADES | ④ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE) |
| | VERTICAL PANELS @ 200' UNLESS OTHERWISE SHOWN | ⑤ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (WHITE) |
| | TEMPORARY SIGN | ⑥ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 12 INCH (YELLOW) |
| | DRUMS @ 50' CENTERS UNLESS OTHERWISE SHOWN | ⑦ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 24 INCH (WHITE) |
| | IMPACT ATTENUATOR | ⑧ | TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 6 INCH (WHITE DOTTED) |
| | PROPOSED ROW | | |
| | EXISTING ROW | | |
| | TEMPORARY EASEMENT | | |

PLOT SCALE: 1"=20'
 FILE NAME: ...
 USER NAME: ...
 PLOT DATE: 11/10/2011

FILE NAME =	DESIGNED - MAC	REVISED -
...prpln-ABC-akt-IL25-mat2-05.dgn	DRAWN - TMB	REVISED -
USER NAME = mcoleman	CHECKED - RMT	REVISED -
PLOT DATE = 11/10/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

**MAINTENANCE OF TRAFFIC
IL 25 — STAGE 2**

SCALE: 1"=20' SHEET NO. 19 OF 20 SHEETS STA. 306+00.00 TO STA. 312+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	100
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				