

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	1
			112	
			240	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

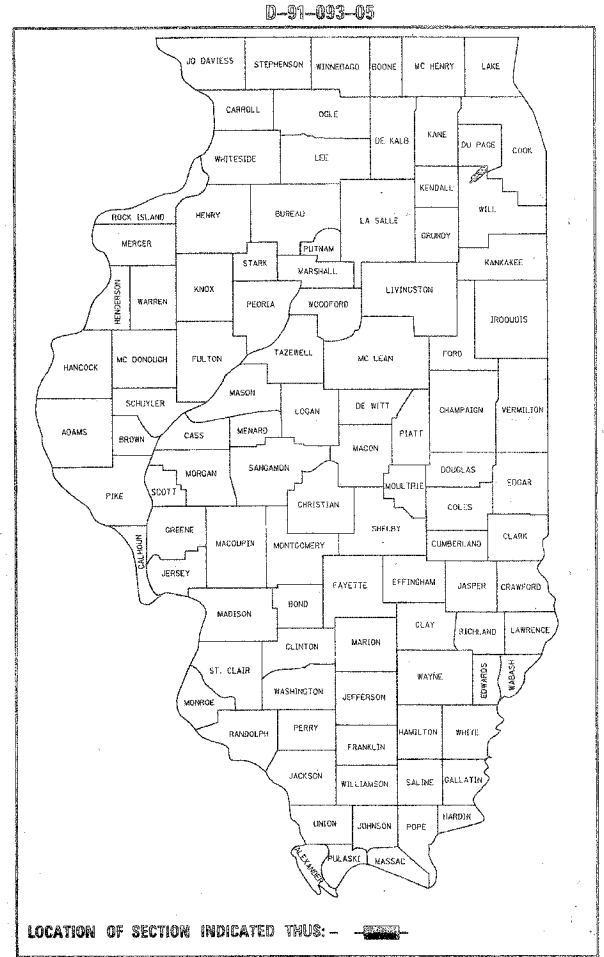
**TRAFFIC DATA**

ADT (2030) :  
U.S. 52 to U.S. 30 = 60,000  
POSTED SPEED : 65 mph

F.A.I. ROUTE 55 (INTERSTATE 55)  
WIDENING AND RESURFACING  
FROM BLACK ROAD TO U.S. ROUTE 30 (PLAINFIELD ROAD)

SECTION: 99 (1&2) WRS-2  
PROJECT NO.: IM-055-6(229)252

WILL COUNTY  
C-91-348-06



MICROFILMED \_\_\_\_\_  
REEL NUMBER \_\_\_\_\_  
AWARDED \_\_\_\_\_  
RESIDENT ENGINEER \_\_\_\_\_  
AS BUILT CHANGES WERE MADE  
ON THE FOLLOWING SHEETS \_\_\_\_\_

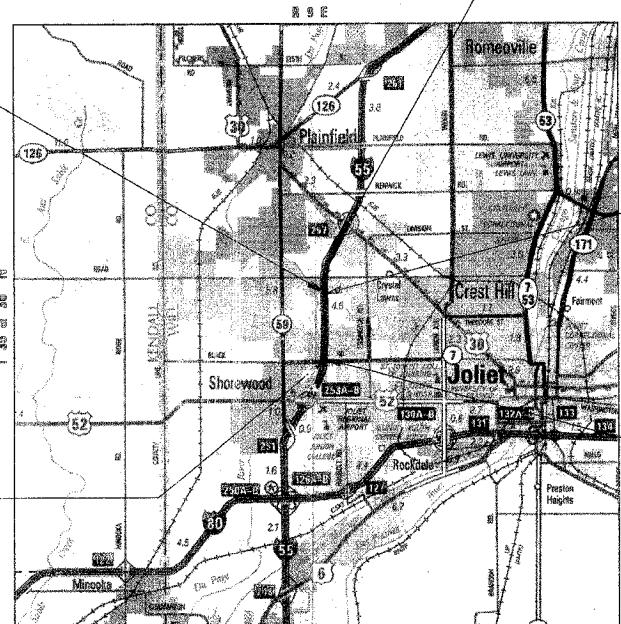
S.N. 099-0276  
CATON FARM ROAD OVER I-55  
PIER CRASHWALL MODIFICATION

I-55  
STA 573+00.00  
PROJECT ENDS

OMMISSION FROM  
STA. 491+42.75 TO  
STA. 492+38.25

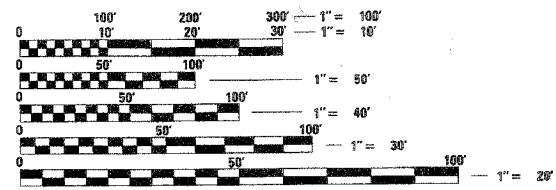
I-55  
STA 402+65.07  
PROJECT BEGINS

S.N. 099-0209  
BLACK ROAD OVER I-55  
PIER CRASHWALL MODIFICATION



LOCATION MAP  
NOT TO SCALE

SEE SHEET 2 FOR BRIDGE STRUCTURE NUMBERS AND LOCATIONS  
I-55 GROSS LENGTH OF PROJECT = 17034.93 feet (3.226 miles)  
I-55 NET LENGTH OF PROJECT = 16939.43 feet (3.206 miles)



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



DOUGLAS D. HANSEN, P.E.  
IL. REG. NO. 062-045293  
EXPIRES: 11/30/2007  
DATE: 2/8/2007

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
205 N. MICHIGAN AVE. CHICAGO, IL 60601

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED February 14, 2007

Eric O'Keefe  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11, 2007  
Eric E. Hansen  
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2007  
Milton R. Suss  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

CONTRACT NO. 60B46

DISTRICT 1 - DESIGN /CONSULTANT SERVICES  
PROJECT MANAGER: RAJENDRA SHAH 847-705-4555

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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LIST OF STATE STANDARDS

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
442201-02	CLASS C AND D PATCHES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THROUGH 54" PIPE)
542601	REINFORCED CONCRETE PIPE ELBOW
601001-01	SUB-SURFACE DRAINS
602001	CATCH BASIN, TYPE A
602401-01	MANHOLE, TYPE A
602406-02	MANHOLE, TYPE A 72" DIAMETER
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS TYPE 1
604071-03	FRAME AND GRATE TYPE 20
604076-03	FRAME AND GRATE TYPE 21
604081-03	FRAME AND GRATES TYPE 22
635001	DELINEATORS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
637006	CONCRETE BARRIER, DOUBLE FACE, 1065mm (42 IN.) HEIGHT
642001	SHOULDER RUMBLE STRIPS
701101-01	OFF-ROAD OPERATIONS, MULTILANE LESS THAN 4.5M AWAY FOR SPEEDS > OR = 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5M (15') AWAY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-03	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-03	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS > OR = 45 MPH
701446	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701601-04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W, WITH NON TRAVERSABLE MEDIAN
702001-06	TRAFFIC CONTROL DEVICES
704001-03	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
720021-01	SIGN PANELS, EXTRUDED ALUMINUM TYPE
729001	APPLICATION OF TYPE A AND B METAL POSTS

LIST OF DISTRICT ONE DETAILS

STD. NO.	DESCRIPTION
BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD32	BUTT JOINTS AND HMA TAPER
TC09	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC12	MULTI-LANE FREEWAY PAVEMENT MARKING
TC17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**INDEX OF SHEETS,  
 STATE STANDARDS,  
 & GENERAL NOTES**

SCALE: N.T.S. DRAWN BY AG  
 DATE 03/22/07 CHECKED BY DDH



TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	99 (1&2) WRS-2	WILL	228 3
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

**GENERAL NOTES**

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING COMMERCIAL AND RESIDENTIAL AREAS.
- BARRIER WALL MARKERS, TYPE C SHALL BE INSTALLED ON MEDIAN CONCRETE BARRIER WALL AND PARAPETS AT A HEIGHT OF 28 INCHES FROM THE TOP OF SHOULDER TO THE BOTTOM OF THE REFLECTOR AND SPACED AT 50 FEET CENTER-TO-CENTER ON CURVES AND 100 FEET CENTER-TO-CENTER ON TANGENTS OR AS DIRECTED BY THE TRAFFIC OPERATIONS FIELD ENGINEER. THE BARRIER WALL MARKERS SHALL BE INSTALLED DURING STAGE I, PRIOR TO OPENING THE WIDENED PAVEMENT TO TRAFFIC.
- CONTRACTS 60B85, 60B86, 62895, 60B46, 62896 AND 60B47 ARE EXPECTED TO RUN SIMULTANEOUSLY. TRAFFIC CONTROL AND OTHER CONSTRUCTION OPERATIONS BETWEEN THESE SIX CONTRACTS SHALL BE COORDINATED THROUGHOUT THE DURATION OF THE PROJECT IN ORDER TO PROVIDE A SAFE AND EFFICIENT WORK ENVIRONMENT. THIS WORK SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
- A PAINT STRIPE SHALL BE APPLIED TO THE FACE OF BARRIER WALL ADJACENT TO ALL DRAINAGE STRUCTURES. THE STRIPE SHALL BE 4" WIDE BY 12 INCHES LONG AND EXTEND VERTICALLY AT 90 DEGREES FROM THE TOP EDGE OF THE BARRIER. THE PAINT WILL BE SPECIFIED AS ORANGE PAINT. THE COST OF THE STRIPE IS TO BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF TYPE AND SIZE SPECIFIED.
- THE LIMIT SHOWN ON THE PLANS BETWEEN THE PAY ITEMS "BITUMINOUS CONCRETE SHOULDER REMOVAL" IN THE MEDIAN AND "HOT-MIX ASPHALT SURFACE REMOVAL 3-1/2" " ON THE MAINLINE PAVEMENT IS BASED ON THE THEORETICAL EDGE OF PAVEMENT LINE WHICH IS LOCATED AT 20' FROM THE I-55 CENTERLINE. THE EXISTING MAINLINE PAVEMENT IN BOTH THE NB AND SB DIRECTIONS CONSISTS OF A PCC BASE WITH A BITUMINOUS OVERLAY. THE CONTRACTOR SHALL REMOVE THE EXISTING BITUMINOUS SHOULDER TO THE EDGE OF THE EXISTING PCC BASE COURSE TO THE SATISFACTION OF THE ENGINEER. THE COST FOR THIS WORK INCLUDING ANY ADDITIONAL SET UPS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "BITUMINOUS CONCRETE SHOULDER REMOVAL". IN ADDITION, THE COST TO REPAIR ANY DAMAGE TO THE EXISTING MAINLINE PAVEMENT INCLUDING RAVELING OF THE EXISTING BITUMINOUS OVERLAY AS A RESULT OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "BITUMINOUS CONCRETE SHOULDER REMOVAL".
- DURING THE 2007 CONSTRUCTION SEASON, THE CONTRACTOR SHALL REMOVE THE REFLECTIVE ELEMENT FROM ALL RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES AS DIRECTED BY THE ENGINEER. PRIOR TO TRANSFERRING TRAFFIC INTO THE TRAFFIC CONFIGURATION SHOWN FOR THE TYPICAL SECTION FOR WINTER SHUTDOWN AT THE END OF THE 2007 CONSTRUCTION SEASON, THE CONTRACTOR SHALL REPLACE THE REFLECTIVE ELEMENT WITH A NEW REFLECTIVE ELEMENT. DURING THE 2008 CONSTRUCTION SEASON IN AREAS BEYOND THE PAVEMENT MILLING AND RESURFACING LIMITS, THE CONTRACTOR SHALL REMOVE THE REFLECTIVE ELEMENT FROM ALL RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE THE REFLECTIVE ELEMENT WITH A NEW REFLECTIVE ELEMENT AT THE END OF THE PROJECT. THE COST OF REMOVAL AND REPLACEMENT OF THE REFLECTIVE ELEMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "REPLACEMENT REFLECTOR."
- THE VARIABLE WIDTH CONCRETE GUTTER ADJACENT TO THE DRAINAGE STRUCTURES SHALL NOT BE CONSTRUCTED UNTIL AFTER THE FRAME AND GRATE ARE ADJUSTED TO THE FINAL GRADE IN STAGE II. THE COST TO REMOVE THE H.M.A. SHOULDER PAVEMENT CONSTRUCTED DURING STAGE I IN THE AREA OF THIS VARIABLE WIDTH PORTION OF THE CONCRETE GUTTER AND THE COST OF THE ADDITIONAL WIDTH OF CONCRETE GUTTER GREATER THAN 10" AS SHOWN AT THE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR CONCRETE GUTTER.
- ANY GUARDRAIL REMOVED AND DEEMED SALVAGEABLE BY THE RESIDENT ENGINEER SHALL BE DELIVERED BY THE CONTRACTOR TO THE NEAREST IDOT MAINTENANCE FACILITY. TEMPORARY STORAGE AND DELIVERY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "GUARDRAIL REMOVAL".
- BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.10 GAL/SQ. YD.

**GENERAL NOTES (CONT.)**

- PRIOR TO STARTING MILLING AND RESURFACING OF THE OUTSIDE SHOULDER IN AREAS ADJACENT TO GUARDRAIL, THE CONTRACTOR SHALL DETERMINE IF THE RAIL ELEMENT OF THE GUARDRAIL WILL NEED TO BE REMOVED TO COMPLETE THIS WORK TO THE SATISFACTION OF THE ENGINEER. IF DEEMED NECESSARY, THE CONTRACTOR SHALL REMOVE THE RAIL ELEMENT OF THE RESPECTIVE GUARDRAIL SECTIONS AND RE-ERECT THE RAIL ELEMENT ON THE SAME DAY IT WAS REMOVED. THE COST FOR THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)." ANY GUARDRAIL FEATURES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- PAVEMENT PATCHING QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT TO ACCOMMODATE THE IMPROVEMENT OF PAVEMENT WHICH SHOWS SIGNS OF FAILURE OR EXCESSIVE CRACKING. THE ENGINEER WILL DETERMINE THE AREAS TO BE PATCHED IN ACCORDANCE WITH THE DISTRICT ONE DETAIL BD-22 FOR "PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT." QUANTITIES FOR "HOT-MIX ASPHALT REMOVAL OVER PATCHES" AND "HOT-MIX ASPHALT REPLACEMENT OVER PATCHES" ARE BASED ON THIS WORK BEING DONE AFTER THE MILLING OF THE MAINLINE PAVEMENT HAS BEEN COMPLETED. IF THE CONTRACTOR ELECTS TO PATCH THE PAVEMENT PRIOR TO COMPLETING THE MILLING OF THE MAINLINE PAVEMENT, THE ADDITIONAL DEPTH OF "HOT-MIX ASPHALT REMOVAL OVER PATCHES" AND THE ADDITIONAL TONNAGE REQUIRED FOR "HOT-MIX ASPHALT REPLACEMENT OVER PATCHES" WILL NOT BE MEASURED FOR PAYMENT.
- IF THE OUTSIDE THROUGH LANE NEXT TO EXISTING EXIT/ENTRANCE RAMP IS MILLED, THE CONTRACTOR SHALL NOT LEAVE A GRADE DIFFERENTIAL BETWEEN MILLED LANES AND EXISTING RAMP SURFACE GREATER THAN 1" FOR SPEEDS > 45 MPH AND 1-1/2" FOR SPEEDS 45 MPH OR LESS. A 12" WIDE TEMPORARY RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE AS DIRECTED BY THE ENGINEER. THE LENGTH OF THE TEMPORARY RAMP WILL BE MEASURED AND THE AREA CALCULATED BY MULTIPLYING THE LENGTH BY ONE FOOT. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT."
- BASED ON RESULTS OF 98 PAVEMENT CORES TAKEN DURING 2005, THE AVERAGE THICKNESS OF BITUMINOUS OVERLAY IS APPROXIMATELY 7 INCHES IN BOTH DESIGN SECTIONS. FORTY NINE (49) CORES WERE TAKEN IN EACH DIRECTION OF TRAVEL STARTING AT THE I-80 INTERCHANGE TO THE WEBER ROAD INTERCHANGE. THE THICKNESS OF OVERLAY RANGES FROM 3-1/4" TO 13-1/2".
- THE CONTRACTOR SHALL INSTALL NEW DELINEATOR POSTS AND REFLECTORS AT THE LOCATIONS SHOWN IN THE PLANS FOR "DELINEATORS" AND AS SPECIFIED BY THE ENGINEER. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING DELINEATOR POSTS AND REFLECTORS IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THE COST FOR REMOVAL AND DISPOSAL OF THE EXISTING DELINEATOR POSTS AND REFLECTORS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "DELINEATORS."
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR THE REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS, CONTACT MS. CORA MATHIS, AREA FIELD ENGINEER, AT (847) 485-6475.

**DRAINAGE NOTES**

- THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES ARE TO THE CENTER OF THE FRAME.
- STATION OFFSETS AND RIM/GRATE ELEVATIONS FOR DRAINAGE STRUCTURES ADJACENT TO THE BARRIER BASE ARE BASED ON A 3 FOOT WIDE BARRIER BASE THAT IS CONSTRUCTED SYMMETRICAL ABOUT THE CENTERLINE. THE CONTRACTOR SHALL ADJUST THE ELEVATIONS AND OFFSET LOCATIONS SHOWN ON THE PLANS FOR ALL DRAINAGE STRUCTURES INSTALLED ALONG THE CONCRETE BARRIER AS NECESSARY TO ACCOMMODATE THE VARIABLE BARRIER BASE WIDTHS THAT ARE NEEDED TO ACCOMMODATE NORTHBOUND AND SOUTHBOUND ELEVATION DIFFERENTIALS. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR THE APPLICABLE DRAINAGE STRUCTURES. FOR ADDITIONAL BARRIER BASE INFORMATION, SEE TYPICAL SECTIONS AND STANDARDS.
- INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTED AT ITS EXISTING INVERT ELEVATION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR THE TYPE AND KIND OF DRAINAGE STRUCTURE TO BE INSTALLED.
- FOR PROPOSED STORM SEWER OR PIPE CULVERT CONNECTIONS TO EXISTING PIPES, BOX CULVERTS, OR STRUCTURES, THE CONNECTION AND REMOVAL OF CONCRETE TO MAKE NECESSARY HOLES IN THE EXISTING PIPES, EXISTING BOX CULVERTS, OR EXISTING STRUCTURES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS OR PIPE CULVERTS OF THE DIAMETER, TYPE, AND CLASS SPECIFIED, AND OF THE PARTICULAR KIND OF MATERIAL WHEN SPECIFIED.
- REMOVAL OF MANHOLES, CATCH BASINS AND ANY OTHER EXISTING DRAINAGE STRUCTURES IN THE EXISTING MEDIAN DITCH OF I-55 OR ELSEWHERE ON THE I-55 EXPRESSWAY, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "REMOVING MANHOLES", REGARDLESS OF SHAPE, DEPTH OR SIZE OF THE STRUCTURE, EXCEPT FOR MEDIAN INLET BOXES WHICH SHALL BE PAID SEPARATELY AS "MEDIAN INLET BOX REMOVAL."
- TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
- REMOVAL OF EXISTING UNDERDRAINS AND HEADWALLS FOR UNDERDRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION.
- DURING STAGE I, THE FRAMES AND GRATES CONSTRUCTED ADJACENT TO THE CONCRETE BARRIER SHALL BE SET FLUSH WITH THE LEVEL OF THE BINDER COURSE AND THE GRATES SHALL BE BOLTED DOWN. IMMEDIATELY PRIOR TO PLACING THE SURFACE COURSE DURING STAGE III OR AS DIRECTED BY THE ENGINEER, THE BOLTS AND ASSOCIATED HARDWARE SHALL BE REMOVED AND THE FRAMES AND GRATES SHALL BE ADJUSTED TO THE FINAL SURFACE ELEVATION IN ACCORDANCE WITH SECTION 603 "ADJUSTING FRAMES AND GRATES OF DRAINAGE AND UTILITY STRUCTURES." THE BOLTS AND ASSOCIATED HARDWARE SHALL BE DELIVERED TO THE I-55 BOLINGBROOK MAINTENANCE YARD AT 151 EAST SOUTH FRONTAGE ROAD, BOLINGBROOK, IL 60440 (PHONE \*630.739.5641). THE COST OF BOLTING THE GRATES DURING STAGE I AND THEN REMOVING THE BOLTS AND ASSOCIATED HARDWARE AND DELIVERING THEM TO THE IDOT MAINTENANCE FACILITY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR FRAMES AND GRATES OF THE TYPE SPECIFIED.

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAT ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**GENERAL NOTES  
 AND DRAINAGE NOTES**

SCALE: N.T.S. DRAWN BY AG  
 DATE 03/15/07 CHECKED BY DDH

**TENG** ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	URBAN		ROADWAY	BLACK RD	CATON FARM	SIGNING
			TOTAL QUANTITY	1000-2A				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	226	226				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	48	48				
20101000	TEMPORARY FENCE	FOOT	290	290				
20200100	EARTH EXCAVATION	CU YD	15,893	15,893				
20200200	ROCK EXCAVATION	CU YD	873	873				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	13,878	13,878				
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,610	1,610				
20800150	TRENCH BACKFILL	CU YD	5,024	5,024				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6,680	6,680				
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	2,261	2,261				
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	1,925	1,925				
25000210	SEEDING, CLASS 2A	ACRE	0.47	0.47				
25000310	SEEDING, CLASS 4	ACRE	0.21	0.21				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	42	42				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	42	42				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	42	42				
25002024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.19	0.19				
25100115	MULCH, METHOD 2	ACRE	1.19	1.19				
25100630	EROSION CONTROL BLANKET	SQ YD	3,274	3,274				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100				
28000300	TEMPORARY DITCH CHECKS	EACH	6	6				
28000500	INLET AND PIPE PROTECTION	EACH	2	2				
28000510	INLET FILTERS	EACH	185	185				
28100105	STONE RIPRAP, CLASS A3	SQ YD	33	33				
28100107	STONE RIPRAP, CLASS A4	SQ YD	126	126				
28200200	FILTER FABRIC	SQ YD	126	126				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	68,549	68,549				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	146	146				
40600300	AGGREGATE (PRIME COAT)	TON	39	39				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	41.1	41.1				
40600895	CONSTRUCTING TEST STRIP	EACH	5	5				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	331	331				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	1,636	1,636				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,016	4,016				
42001300	PROTECTIVE COAT	SQ YD	1,579	1,579				
44000100	PAVEMENT REMOVAL	SQ YD	316	316				
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	93,824	93,824				
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	41,148	41,148				
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	22,618	22,618				
44002214	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2"	SQ YD	8,343	8,343				
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	1,131	1,131				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	4,623	4,623				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	563	563				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	148	148				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	104,683	104,683				
50102400	CONCRETE REMOVAL	CU YD	13.7				13.7	

\* SPECIALTY ITEMS  
 \*\* URBAN, 90% FEDERAL, 10% STATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**SUMMARY OF QUANTITIES**  
**I**

SCALE: N.T.S.

DATE: 03/22/07

DRAWN BY: AG

CHECKED BY: DDH



TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

DATE = 03/22/07  
 FILE NAME = 60B46.DWG  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = MURPHY



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BLACK RD	CATON FARM	SIGNING
				I000-2A	099-0209 SFTY-2A	099-0210 X231-2A	
50104400	CONCRETE HEADWALL REMOVAL	EACH	1.0	1			
50105220	PIPE CULVERT REMOVAL	FOOT	341	341			
50200100	STRUCTURE EXCAVATION	CU YD	5			5.0	
50300225	CONCRETE STRUCTURES	CU YD	17.0		5.6	11.4	
50800105	REINFORCEMENT BARS	POUND	360				360
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,150	1,130	450	1,570	
54002100	EXPANSTON BOLTS 5/8 INCH	EACH	40	40			
54003000	CONCRETE BOX CULVERTS	CU YD	2.5	2.5			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6			
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1			
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	2	2			
54215979	REINFORCED CONCRETE PIPE ELBOW 24"	EACH	4	4			
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2			
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1			
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	701	701			
55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	888	888			
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	495	495			
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	166	166			
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	2,754	2,754			
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	2,787	2,787			
55022000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FOOT	4,229	4,229			
55022200	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 30"	FOOT	738	738			
55022400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 36"	FOOT	245	245			
55022500	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 42"	FOOT	584	584			
55022600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 48"	FOOT	1,090	1,090			
55034300	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 30, RISE 19	FOOT	545	545			
NP 55039700	STORM SEWERS TO BE CLEANED	FOOT	1,217	1,217			
55101200	STORM SEWER REMOVAL 24"	FOOT	12	12			
55101400	STORM SEWER REMOVAL 30"	FOOT	6	6			
58700300	CONCRETE SEALER	SQ FT	844		195	649	
59000200	EPOXY CRACK INJECTION	FOOT	25			25	
60107700	PIPE UNDERDRAINS 6"	FOOT	24,718	24,718			
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	238	238			
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	116	116			
60201320	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	14	14			
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	35	35			
60205020	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	6	6			
60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	10	10			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	185	185			
60500040	REMOVING MANHOLES	EACH	4	4			
60600605	CONCRETE CURB, TYPE B	FOOT	100	100			
60602200	CONCRETE GUTTER	FOOT	10,977	10,977			
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	650	650			
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1			

URBAN

PLOT DATE = \*DATE\*  
 FILE NAME = \*FILE\*  
 PLOT SCALE = \*SCALE\*  
 USER NAME = \*USER\*

NP: NON-PARTICIPATING  
 \* SPECIALTY ITEMS  
 \*\* URBAN, 90% FEDERAL, 10% STATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**SUMMARY OF QUANTITIES**  
**II**

SCALE: N.T.S. DRAWN BY AG  
 DATE 03/22/07 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	URBAN ** TOTAL QUANTITY	ROADWAY I000-2A	BLACK RD 099-0209 SFTY-2A	CATON FARM 099-0210 X231-2A	SIGNING Y002-1C
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	3	3			
63200310	GUARDRAIL REMOVAL	FOOT	10,200	10,200			
63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	125	125			
63500105	DELINEATORS	EACH	114	114			
63700805	CONCRETE BARRIER TRANSITION	FOOT	397	397			
63700900	CONCRETE BARRIER BASE	FOOT	16,829	16,829			
64200105	SHOULDER RUMBLE STRIP	FOOT	70,508	70,508			
67100100	MOBILIZATION	L SUM	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	221,591	221,591			
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	20,707	20,707			
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	9,102	9,102			
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	823	823			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	50,982	50,982			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	34,770	34,770			
72000200	SIGN PANEL - TYPE 2	SQ FT	183				183
72000300	SIGN PANEL - TYPE 3	SQ FT	2,129				2,129
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	9				9
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	11				11
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	20				20
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	2,018				2,018
72600100	MILE POST MARKER ASSEMBLY	EACH	7				7
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1,546				1,546
73000100	WOOD SIGN SUPPORT	FOOT	280				280
73400100	CONCRETE FOUNDATIONS	CU YD	3.9				3.9
73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	5				5
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	5				5
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	70,477	70,477			
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4,197	4,197			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,020	2,020			
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	1,467	1,467			
78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	18,801	18,801			
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	45,674	45,674			
78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	28,690	28,690			
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	4,354	4,354			
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	439	439			
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,884	1,884			
78100300	REPLACEMENT REFLECTOR	EACH	388	388			
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	6,612	6,612			
78200410	GUARDRAIL MARKERS, TYPE A	EACH	16	16			
78200530	BARRIER WALL MARKERS, TYPE C	EACH	434	434			
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	18,347	18,347			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	872	872			
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	785	785			
X0322323	WEED CONTROL, TEASEL	GALLON	2.5	2.5			

\* SPECIALTY ITEMS  
 \*\* URBAN, 90% FEDERAL, 10% STATE (SEE NOTE)

NOTE:

TYPE 3 SIGN PANELS WHICH REQUIRE TYPE ZZ SHEETING WILL BE 100% PAID FOR BY STATE FUNDS. THE REST WILL BE PAID FOR BY 90% FEDERAL FUNDS AND 10% STATE FUNDS. A QUANTITY OF 952 SQ FT OF ITEM NO. 72000300, SIGN PANEL - TYPE 3 REQUIRES TYPE ZZ RETROREFLECTIVE SHEETING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

SUMMARY OF QUANTITIES  
 III

SCALE: N.T.S.  
 DATE 03/22/07

DRAWN BY AG  
 CHECKED BY DDH



TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN		BLACK RD	CATON FARM	SIGNING
				ROADWAY		099-0209	099-0210	
				I000-2A		SFTY-2A	X231-2A	Y002-1C
X0322729	MATERIAL TRANSFER DEVICE	TON	35,210	35,210				
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	9	9				
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	185	185				
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	139	139				
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	139	139				
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	8	8				
X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	2	2				
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,864	1,864				
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	1,864	1,864				
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	218				218	
X0484300	MEDIAN INLET BOX REMOVAL	EACH	6	6				
X4066580	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	19,214	19,214				
X4066685	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	15,996	15,996				
X6330100	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL	EACH	1	1				
X6370940	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	16,432	16,432				
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18				
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	18	18				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1				
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	330	330				
XX002870	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	SQ YD	11,485	11,485				
XX004592	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2				
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	75,200	75,200				
NP Z0005305	BOX CULVERTS TO BE CLEANED	FOOT	141	141				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
NP Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4	4				
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	9	9				
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	6	6				
Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	1	1				
Z0076600	TRAINEES	HOUR	4,000	4,000				
<del>35501288</del>	HOT-MIX ASPHALT BASE COURSE, 2 1/2"	SQ YD	68,549	68,549				
<del>X0325733</del>	TEMPORARY ASPHALT WEDGE	SQ YD	1,422	1,422				

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@ Y080  
 NP = NON-PARTICIPATING  
 \* SPECIALTY ITEMS  
 \*\* URBAN, 90% FEDERAL, 10% STATE

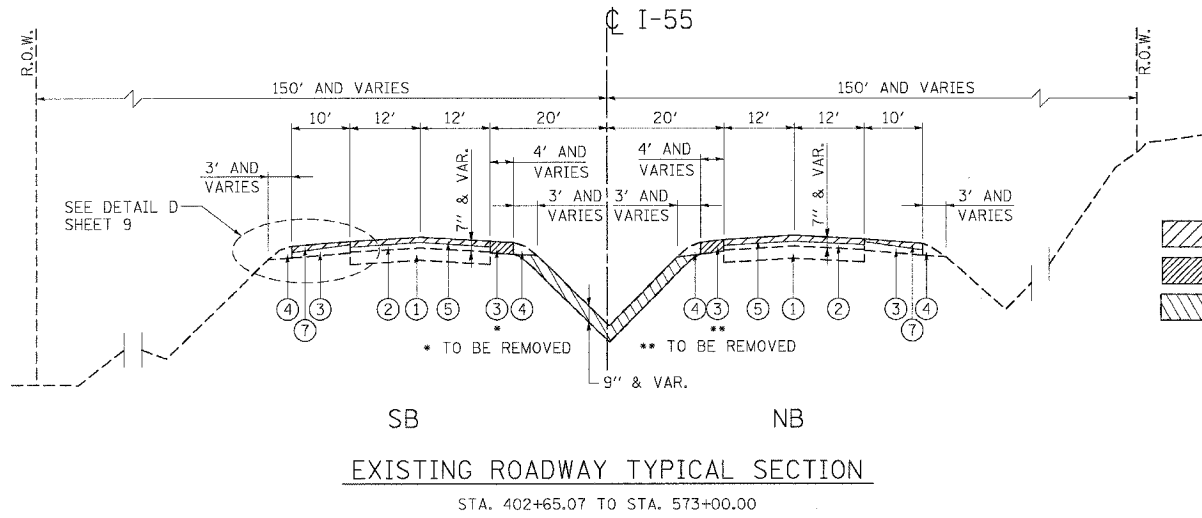
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING  
**SUMMARY OF QUANTITIES**  
**IV**

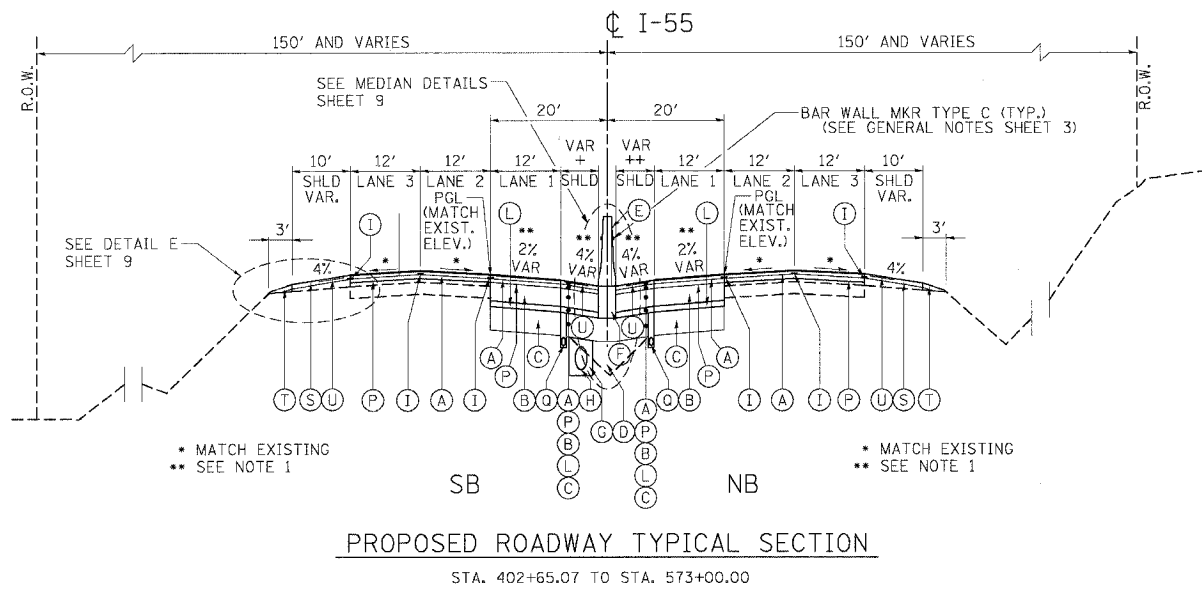
SCALE: N.T.S. DRAWN BY AG  
 DATE 03/22/07 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL.	228	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- BITUMINOUS CONCRETE SHOULDER REMOVAL
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS



6.5':	STA. 402+65.07 TO STA. 491+42.75
	STA. 492+49.25 TO STA. 519+71.86
	STA. 556+91.97 TO STA. 573+00.00
6.5' TO 8.5':	STA. 519+71.86 TO STA. 521+11.86
8.5':	STA. 521+11.86 TO STA. 555+51.97
8.5' TO 6.5':	STA. 555+51.97 TO STA. 556+91.97

6.5':	STA. 402+65.07 TO STA. 491+42.75
	STA. 492+49.25 TO STA. 519+71.84
	STA. 556+92.00 TO STA. 573+00.00
6.5' TO 4.5':	STA. 519+71.84 TO STA. 521+11.84
4.5':	STA. 521+11.84 TO STA. 555+52.00
4.5' TO 6.5':	STA. 555+52.00 TO STA. 556+92.00

**NOTES**

- SEE PAVEMENT ELEVATION PLANS FOR LOCATIONS WHERE CROSS SLOPES OF THE NEW INSIDE LANE AND SHOULDER VARY FROM THE SLOPES SHOWN.
- POROUS GRANULAR EMBANKMENT, SUBGRADE AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION ARE TO BE CONSTRUCTED BENEATH THE AGGREGATE SUBGRADE WHERE COHESIVE SOILS WITH HIGH MOISTURE CONTENTS EXIST. THE TABLE BELOW DELINEATES THE LOCATIONS WHERE SUCH SOILS ARE ANTICIPATED. THE ACTUAL LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. SEE GENERAL NOTES.

FROM STATION	TO STATION
425+50	TO 428+50
449+50	TO 458+50
545+76	TO 548+79

- IT IS ANTICIPATED THAT THE TOP SLAB OF SOME DRAINAGE STRUCTURES WILL EXTEND UP INTO THE PROPOSED BARRIER BASE AND SHOULDER PAVEMENT AS SHOWN ON SHEET 142.

**EXISTING LEGEND**

- ① P.C.C. PAVEMENT, 10"
- ② BITUMINOUS RESURFACING 7"
- ③ BITUMINOUS SHOULDER 10"
- ④ AGGREGATE SHOULDER
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- ⑥ NOT USED
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL-19, N90 2" (NOT USED)
- ⑨ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 15" (NOT USED)
- ⑩ BITUMINOUS SHOULDERS, SUPERPAVE, 17" (NOT USED)
- ⑪ STABILIZED SUB-BASE 4" (NOT USED)
- ⑫ PIPE UNDERDRAINS 6" (NOT USED)
- ⑬ AGGREGATE SUBGRADE 12" (NOT USED)
- ⑭ NOT USED
- ⑮ BITUMINOUS SHOULDER (NOT USED)
- ⑯ SPBGR (SEE PLANS FOR LOCATIONS) (NOT USED)

**PROPOSED LEGEND**

- Ⓐ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80; 1 3/4"
- Ⓑ HOT-MIX ASPHALT BASE COURSE, 8"
- Ⓒ AGGREGATE SUBGRADE, 12"
- Ⓓ EMBANKMENT (SEE NOTE 2)
- Ⓔ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- Ⓕ BARRIER BASE (SEE NOTE 3)
- Ⓖ TRENCH BACKFILL
- Ⓗ STORM SEWER
- Ⓘ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- Ⓝ TOPSOIL FURNISH AND PLACE, 6" (NOT USED)
- Ⓚ SEEDING, CLASS 2A (NOT USED)
- Ⓛ HOT-MIX ASPHALT BASE COURSE, 2 1/2"
- Ⓜ NOT USED
- Ⓝ NOT USED
- Ⓞ AGGREGATE SHOULDERS, TYPE B, 8" (NOT USED)
- Ⓟ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80; 1 3/4"
- Ⓠ PIPE UNDERDRAINS 6" (SEE DRAINAGE PLANS FOR LOCATIONS)
- Ⓡ NOT USED
- Ⓢ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70; 1 3/4"
- Ⓣ AGGREGATE SHOULDERS, TYPE B (SPECIAL)
- Ⓤ SHOULDER RUMBLE STRIP

PLOT DATE = 03/15/07  
 FILE NAME = 60B46A001.DWG  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = RUBENS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-55 ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

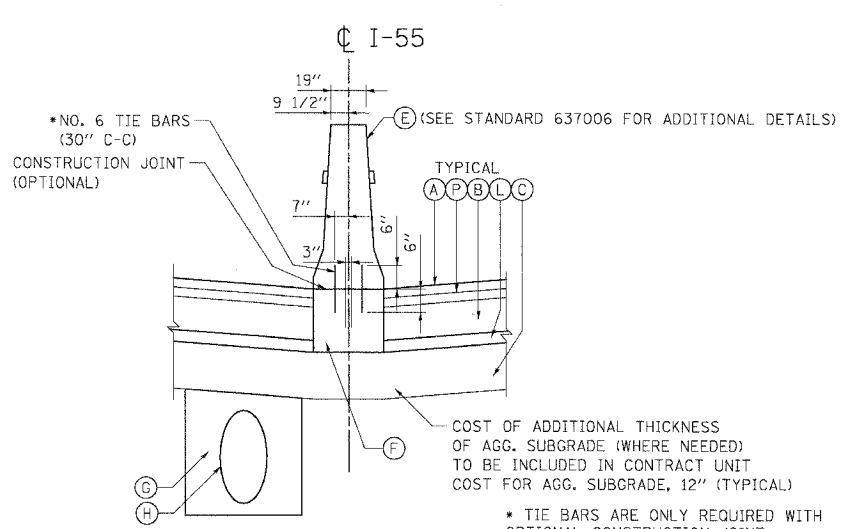
**TYPICAL SECTIONS**  
 STA. 402+65.07 TO STA. 573+00.00

SCALE: N.T.S. DRAWN BY AG/GF

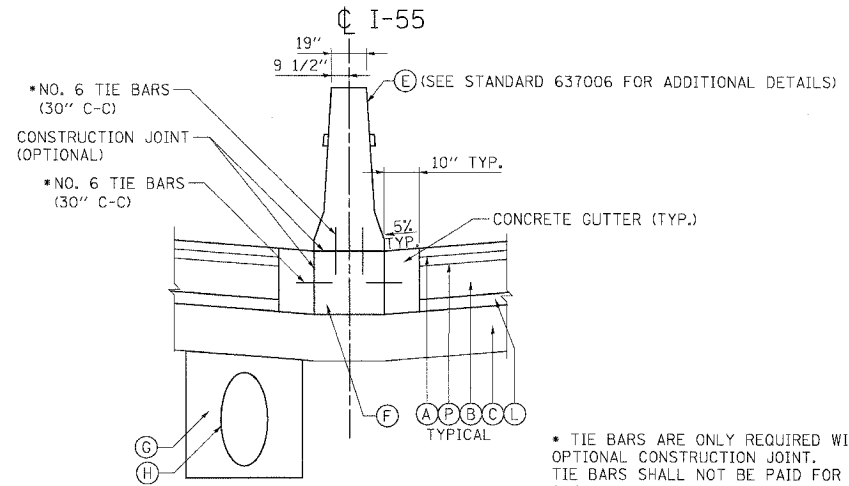
DATE 03/15/07 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL.	228	9
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

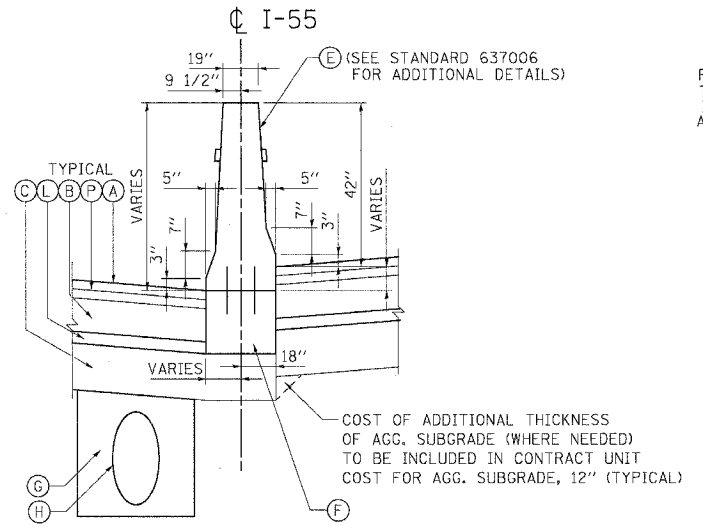


**MEDIAN DETAIL A**  
TYPICAL CONCRETE BARRIER AND BASE

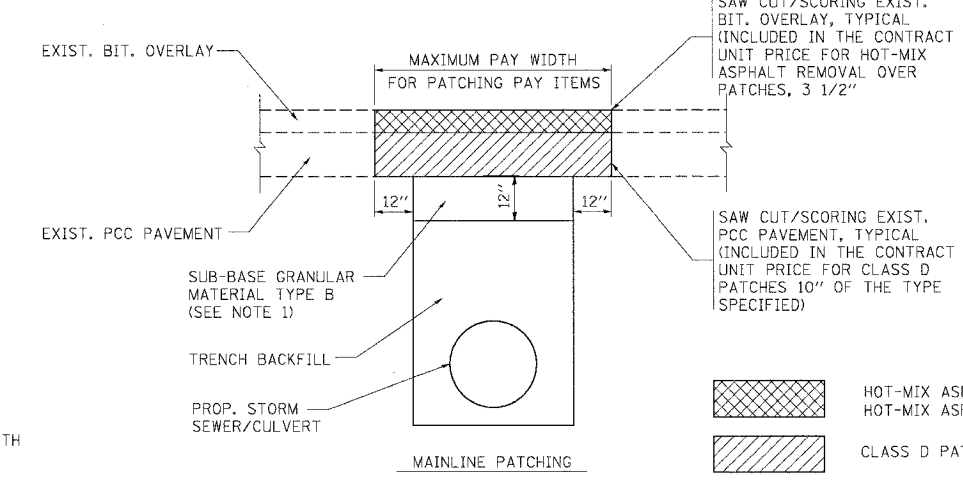


**MEDIAN DETAIL B**  
MEDIAN BARRIER W/ CONCRETE GUTTER

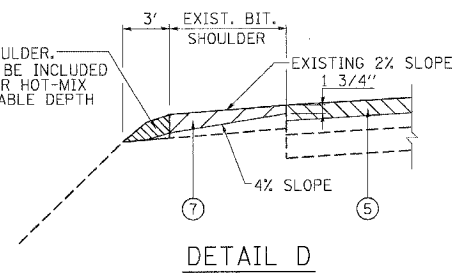
STA. 402+65.07 TO STA. 418+00.00 (MAINLINE SB & NB)  
 STA. 470+40.00 TO STA. 491+42.75 (MAINLINE SB & NB)  
 STA. 492+49.25 TO STA. 511+00.00 (MAINLINE SB & NB)



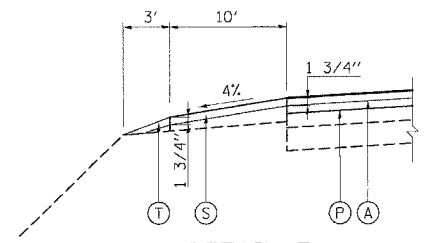
**MEDIAN DETAIL C**  
VARIABLE HEIGHT



**PAVEMENT PATCHING FOR STORM SEWER LATERAL OUTLETS**

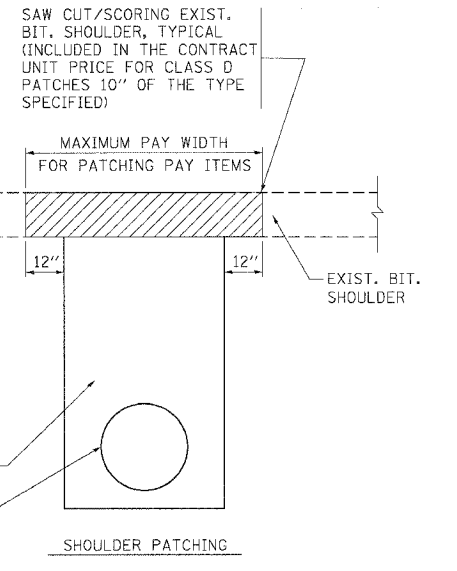


**DETAIL D**



**DETAIL E**

**NOTES:**  
 1. SUB-BASE GRANULAR MATERIAL, TYPE B SHALL BE CONSTRUCTED IN ACCORDANCE WITH ARTICLES 311.02, 311.03, AND 311.05 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE MEASURED AND PAID FOR AS TRENCH BACKFILL IN ACCORDANCE WITH ARTICLES 208.03 AND 208.04 OF THE STANDARD SPECIFICATIONS.



**SHOULDER PATCHING**

**EXISTING LEGEND**

- ① P.C.C. PAVEMENT, 10"
- ② BITUMINOUS RESURFACING 7"
- ③ BITUMINOUS SHOULDER 10"
- ④ AGGREGATE SHOULDER
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- ⑥ NOT USED
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑧ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL-19, N90 2"
- ⑨ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 15"
- ⑩ BITUMINOUS SHOULDERS, SUPERPAVE, 17"
- ⑪ STABILIZED SUB-BASE 4"
- ⑫ PIPE UNDERDRAINS 6"
- ⑬ AGGREGATE SUBGRADE 12"
- ⑭ NOT USED
- ⑮ BITUMINOUS SHOULDER
- ⑯ SPBGR (SEE PLANS FOR LOCATIONS)

**PROPOSED LEGEND**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80; 1 3/4"
- (B) HOT-MIX ASPHALT BASE COURSE, 8"
- (C) AGGREGATE SUBGRADE, 12"
- (D) EMBANKMENT
- (E) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (F) BARRIER BASE
- (G) TRENCH BACKFILL
- (H) STORM SEWER
- (I) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (J) TOPSOIL FURNISH AND PLACE, 6"

APPLICATION (SEE TYP. SECTIONS)	MIXTURE TYPE	AC TYPE	AIR VOIDS
I-55 MAINLINE, EXIST. LANES & INSIDE SHOULDER	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT	SBS/SBR PG 76-28/22	4% @ N80
I-55 MAINLINE, EXIST. LANES & INSIDE SHOULDER	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT	SBS/SBR PG 76-28/22	4% @ N80
I-55 MAINLINE, NEW INSIDE LANES & SHOULDER	HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0; MIN. LIFT 2 1/4"); 8"	PG 64-22	4% @ N90
I-55 MAINLINE, NEW INSIDE LANES & SHOULDER (BOTTOM LIFT)	HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); 2 1/2"	PG 58-22	4% @ N50
I-55 MAINLINE, EXIST. LANES & FRONTAGE ROADS OVER SEWER LATERALS	CLASS D PATCHES 10" (HMA BINDER IL-25)	PG 64-22	4% @ N105
I-55 MAINLINE, EXIST. LANES	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-25)	PG 64-22	4% @ N105
I-55 MAINLINE, EXIST. OUTSIDE SHLD, TEMPORARY ASPHALT WEDGE	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70 (IL 9.5 mm)	PG 64-22	4% @ N70

**NOTES:**

- 1) THE UNIT WEIGHT USED TO CALCULATE THE PLAN QUANTITY FOR STONE MATRIX ASPHALT SURFACE COURSE IS 135 LBS/SQ YD/INCH THICKNESS.
- 2) THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/INCH THICKNESS.

PLOT DATE = 02/23/07  
 FILE NAME = 022307.DWG  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = JFS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**TYPICAL SECTIONS  
 DETAILS AND BITUMINOUS  
 MIXTURE REQUIREMENTS**

SCALE: N.T.S. DRAWN BY JFS  
 DATE 02/23/07 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

SCHEDULE OF QUANTITIES

Table with columns: F.A.T. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Row 1: 55, 99 (I&2) WRS-2, WILL, 228, 10. Row 2: STA., TO STA., ILLINOIS, FED. AID PROJECT.

Table: TREE REMOVAL (6 TO 15 UNITS DIAMETER) TOTAL 226 UNIT. Columns: DIRECTION, LOCATION, OFFSET, RT/LT, UNIT. Includes rows for M.L. from 403+81.00 to 544+65.00.

Table: COMPOST FURNISH AND PLACE, 4" TOTAL 1925 SQ YD. Columns: LOCATION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, MEASURED AREA (SQ FT), SLOPE COEFF., Sub totals. Includes rows for SEEDING, CLASS 4 and SEEDING, CLASS 4B (MODIFIED).

Table: EROSION CONTROL BLANKET TOTAL 3,274 SQ YD. Columns: LOCATION, FROM STA., FROM OFFSET, TO STA., TO OFFSET, MEASURED AREA (SQ FT), SLOPE COEFF., Sub totals. Includes rows for SEEDING, CLASS 2A and SEEDING, CLASS 4.

Table: TREE REMOVAL (OVER 15 UNITS DIAMETER) TOTAL 48 UNIT. Columns: DIRECTION, LOCATION, OFFSET, RT/LT, DIA. IN., OFFSET E/P, UNIT. Includes rows for M.L. from 418+75.00 to 483+48.65.

Table: SEEDING, CLASS 2A TOTAL 0.47 ACRE. Columns: LOCATION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, TO DIRECT, MEASURED AREA (SQ FT), SLOPE COEFF., Sub totals. Includes rows for I-55 from 404+76 to 503+98.

Table: TEMPORARY EROSION CONTROL SEEDING TOTAL 100 POUND. Columns: DISTURBED AREA ID, FROM STA., FROM OFFSET, FROM DIR, TO STA., TO OFFSET, TO DIR, AREA SQ. FOOT, AREA ACRE, SLOPE COEFF., Subtotals (100 lb/ac), POUND. Includes rows for ERC-13A to ERC-19.

Table: TEMPORARY FENCE TOTAL 290 FOOT. Columns: DIRECTION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, Sub totals. Includes rows for I-55 from 470+95.48 to 472+53.58.

Table: SEEDING, CLASS 4 TOTAL 0.21 ACRE. Columns: LOCATION, FROM STA., OFFSET, TO STA., OFFSET, MEASURED AREA (SQ FT), SLOPE COEFF., Sub totals (ACRE). Includes rows for I-55 from 470+96 to 503+88.

Table: TEMPORARY DITCH CHECK TOTAL 6 EACH. Columns: STATION, OFFSET, DIRECTION, Sub totals. Includes rows for 403+58 to 556+50.

Table: GEOTECHNICAL FABRIC FOR GROUND STABILIZATION TOTAL 6680 SQ YD. Columns: FROM STA., TO STA., LENGTH FT, WIDTH FT, Sub totals. Includes rows for 425+50 to 545+76.

Table: SEEDING, CLASS 4B (MODIFIED) TOTAL 0.19 ACRE. Columns: DESCRIPTION, FROM STA., TO STA., MEASURED AREA (SQ FT), Sub totals (ACRE). Includes rows for WATER QUALITY BASIN and WATER QUALITY DITCH.

Table: INLET FILTERS TOTAL 185 EACH. Columns: STRUCTURE ID, STATION, OFFSET, DIRECTION, Sub totals. Includes rows for 2000 to 2104.

Table: TOPSOIL FURNISH AND PLACE, 6" TOTAL 2261 SQ YD. Columns: LOCATION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, TO DIRECT, MEASURED AREA (SQ FT), SLOPE COEFF., Sub totals. Includes rows for FROM SEEDING, CLASS 2A and LANDSCAPING ITEMS.

Table: MULCH, METHOD 2 TOTAL 1.19 ACRE. Columns: DISTURBED AREA ID, FROM STA., FROM OFFSET, TO STA., TO OFFSET, AREA, AREA ACRE, SLOPE COEFF., Sub totals. Includes rows for ERC-13A to ERC-19 and LANDSCAPING ITEMS.

Table: REVISIONS. Columns: NAME, DATE. Includes empty rows for revisions.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING  
**SCHEDULE OF QUANTITIES I**  
SCALE: N.T.S. DRAWN BY KV  
DATE 03/22/07 CHECKED BY DDH  
**TENG** TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

PLOT DATE = DATE \*  
PLOT SCALE = SCALES \*  
USER NAME = USER \*  
3-22-2007 13:57:33 GARCIAZ S:\DOCUMENT 02261801\CIVIL\030814021.DGN  
S:\030814021.DGN SC0814021.DGN SC0814021.DGN



SCHEDULE OF QUANTITIES

Table with 5 columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 55, 99 (I&2) WRS-2, WILL, 228, 11.

CONTINUED FROM SHEET 10

Table with 5 columns: STRUCTURE ID, STATION, OFFSET, DIRECTION, TOTAL 185 EACH. Sub totals. Lists structures 2105 through 4008.

CONTINUED FROM PREVIOUS COLUMN

Table with 5 columns: STRUCTURE ID, STATION, OFFSET, DIRECTION, SUBTOTALS. Lists structures 4009 through 572+90.

STONE RIPRAP, CLASS A3. TOTAL 33 SQ YD. Table with 5 columns: LOCATION, STATION, OFFSET, MEASURED AREA, Sub totals.

STONE RIPRAP, CLASS A4. TOTAL 126 SQ YD. Table with 5 columns: LOCATION, STATION, OFFSET, MEASURED AREA, Sub totals.

FILTER FABRIC. TOTAL 126 SQ YD. Table with 5 columns: LOCATION, STATION, OFFSET, MEASURED AREA, Sub totals.

BITUMINOUS MATERIALS (PRIME COAT). TOTAL 146 TON. Table with 7 columns: LOCATION, FROM STA., TO STA., LENGTH (FT), WIDTH (FT), AREA (SQ YD), APPLICATION RATE (TONS/SY), Sub totals.

Table with 2 columns: REVISIONS, DATE. Includes NAME and DATE headers.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING
SCHEDULE OF QUANTITIES II
SCALE: N.T.S. DRAWN BY KV
DATE 03/22/07 CHECKED BY DOH
TENG ENGINEERS/ARCHITECTS/PLANNERS

PLOT DATE = #DATE#
PLOT SCALE = #SCALE#
USER NAME = #USER#
3-22-2007, 13:57:47
C:\PROJECTS\60B46\DRAWING\60B46A02.DWG
D:\CIVIL\60B46A02.DWG
D:\CIVIL\60B46A02.DWG

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS					TOTAL	41.07 TON
LOCATION	FROM STA.	TO STA.	AREA (SQ FT)	APPLICATION RATE (TONS/SQ YD)	SUB TOTALS	
BITUMINOUS SURFACE REMOVAL 3 1/2"						
S.B.	402+65.07	457+00.00	137,173	0.0003	4.57	
S.B.	457+00.00	491+42.75	81,132	0.0003	2.70	
S.B.	492+37.86	532+00.00	101,979	0.0003	3.40	
S.B.	532+00.00	547+00.00	36,802	0.0003	1.23	
S.B.	547+00.00	562+00.00	37,708	0.0003	1.26	
S.B.	562+00.00	576+42.19	46,027	0.0003	1.53	
N.B.	402+65.07	457+00.00	133,945	0.0003	4.46	
N.B.	457+00.00	491+42.87	83,322	0.0003	2.78	
N.B.	492+49.00	532+00.00	93,036	0.0003	3.10	
N.B.	532+00.00	547+00.00	35,813	0.0003	1.19	
N.B.	547+00.00	562+00.00	36,944	0.0003	1.23	
N.B.	562+00.00	577+21.97	39,434	0.0003	1.31	
BITUMINOUS SURFACE REMOVAL ( VARIABLE DEPTH )						
S.B.	402+65.07	412+00.00	10,201	0.0003	0.34	
S.B.	412+00.00	491+78.70	76,757	0.0003	2.56	
S.B.	492+37.86	532+00.00	38,083	0.0003	1.27	
S.B.	532+00.00	562+00.00	32,715	0.0003	1.09	
S.B.	562+00.00	576+38.04	11,965	0.0003	0.40	
S.B.	574+48.66	576+43.79	1,704	0.0003	0.06	
N.B.	402+65.07	412+00.00	10,275	0.0003	0.34	
N.B.	412+00.00	491+77.95	89,411	0.0003	2.98	
N.B.	492+49.23	532+00.00	45,297	0.0003	1.51	
N.B.	532+00.00	562+00.00	32,567	0.0003	1.09	
N.B.	562+00.00	577+17.76	16,366	0.0003	0.55	
N.B.	574+47.75	577+23.77	3,458	0.0003	0.12	

HOT-MIX ASPHALT REPLACEMENT OVER PATCHES							TOTAL	1636 TON
STATION	LENGTH (FT)	LENGTH +20%+2" (FT)	WIDTH (FT)	BIT REMOV/ PATCH (SQ YD)	TONS/ SQ YD 3 1/2"	SUBTOTAL		
CLASS D PATCHES TYPE I, 10"								
SB LANE 1								
585+68.23	4.00	6.80	7.00	5.289	0.196	1.037		
582+75.54	4.00	6.80	5.00	3.778	0.196	0.740		
580+75.25	7.00	10.40	5.00	5.778	0.196	1.132		
578+75.57	7.00	10.40	5.00	5.778	0.196	1.132		
577+77.15	3.00	5.60	7.00	4.356	0.196	0.854		
575+75.66	4.00	6.80	5.00	3.111	0.196	0.610		
575+75.66	4.00	6.80	7.00	5.289	0.196	1.037		
573+76.18	4.00	6.80	5.00	3.778	0.196	0.740		
571+29.24	7.00	10.40	5.00	5.289	0.196	1.037		
569+76.44	4.00	6.80	7.00	5.289	0.196	1.037		
568+79.58	4.00	6.80	5.00	3.778	0.196	0.740		
569+76.82	5.00	8.00	7.00	6.222	0.196	1.220		
567+83.93	4.00	6.80	5.00	4.444	0.196	0.871		
567+75.20	4.00	6.80	7.00	5.289	0.196	1.037		
566+71.39	4.00	6.80	5.00	3.778	0.196	0.740		
565+80.93	4.00	6.80	5.00	3.778	0.196	0.740		
564+84.66	4.00	6.80	7.00	5.289	0.196	1.037		
	4.00	6.80	5.00	3.778	0.196	0.740		
	4.00	6.80	7.00	5.289	0.196	1.037		
563+79.47	4.00	6.80	5.00	3.778	0.196	0.740		
	4.00	6.80	7.00	5.289	0.196	1.037		
560+77.18	4.00	6.80	5.00	3.778	0.196	0.740		
558+74.17	7.00	10.40	5.00	5.778	0.196	1.132		
	4.00	6.80	7.00	5.289	0.196	1.037		
557+77.21	4.00	6.80	5.00	3.778	0.196	0.740		
	4.00	6.80	7.00	5.289	0.196	1.037		
556+68.97	4.00	6.80	5.00	3.778	0.196	0.740		
	5.00	8.00	7.00	6.222	0.196	1.220		
554+75.27	5.00	8.00	5.00	4.444	0.196	0.871		
	4.00	6.80	7.00	5.289	0.196	1.037		
554+24.04	4.00	6.80	5.00	3.778	0.196	0.740		
553+77.45	4.00	6.80	7.00	5.289	0.196	1.037		
552+79.44	4.00	6.80	5.00	3.778	0.196	0.740		
551+74.37	7.00	10.40	5.00	5.778	0.196	1.132		
554+80.52	5.00	8.00	7.00	6.222	0.196	1.220		
544+76.02	5.00	8.00	5.00	4.444	0.196	0.871		
542+80.14	4.00	6.80	7.00	5.289	0.196	1.037		
	4.00	6.80	5.00	3.778	0.196	0.740		
540+77.43	7.00	10.40	5.00	5.778	0.196	1.132		

CONTINUED IN THE NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

STATION	LENGTH (FT)	LEN+20% +2"(FT)	WIDTH (FT)	BIT REMOV/ PCH (SQ YD)	TS/SQ YD 3" THICK	SUBTOTAL
538+76.39	7.00	10.40	5.00	5.778	0.196	1.132
535+80.52	4.00	6.80	7.00	5.289	0.196	1.037
	4.00	6.80	5.00	3.778	0.196	0.740
534+81.68	4.00	6.80	7.00	5.289	0.196	1.037
	4.00	6.80	5.00	3.778	0.196	0.740
530+81.14	4.00	6.80	7.00	5.289	0.196	1.037
530+76.02	4.00	6.80	5.00	3.778	0.196	0.740
529+77.61	6.00	9.20	5.00	5.111	0.196	1.002
527+77.23	7.00	10.40	5.00	5.778	0.196	1.132
526+80.66	4.00	6.80	7.00	5.289	0.196	1.037
526+75.54	4.00	6.80	5.00	3.778	0.196	0.740
522+04.30	4.00	6.80	7.00	5.289	0.196	1.037
521+99.24	4.00	6.80	5.00	3.778	0.196	0.740
520+76.18	8.00	11.60	4.00	5.156	0.196	1.010
516+76.02	6.00	9.20	4.00	4.089	0.196	0.801
	5.00	8.00	7.00	6.222	0.196	1.220
507+76.35	5.00	8.00	5.00	4.444	0.196	0.871
	4.00	6.80	7.00	5.289	0.196	1.037
503+81.99	4.00	6.80	5.00	3.778	0.196	0.740
493+76.66	6.00	9.20	5.00	5.111	0.196	1.002
492+79.05	4.00	6.80	7.00	5.289	0.196	1.037
492+66.14	4.00	6.80	5.00	3.778	0.196	0.740
489+77.35	7.00	10.40	5.00	5.778	0.196	1.132
487+75.85	4.00	6.80	7.00	5.289	0.196	1.037
486+83.25	4.00	6.80	5.00	3.778	0.196	0.740
482+76.63	6.00	9.20	5.00	5.111	0.196	1.002
476+81.07	4.00	6.80	7.00	5.289	0.196	1.037
	4.00	6.80	5.00	3.778	0.196	0.740
476+52.57	4.00	6.80	7.00	5.289	0.196	1.037
475+83.80	4.00	6.80	5.00	3.778	0.196	0.740
474+77.59	7.00	10.40	5.00	5.778	0.196	1.132
	4.00	6.80	7.00	5.289	0.196	1.037
464+12.50	4.00	6.80	5.00	3.778	0.196	0.740
463+74.19	4.00	6.80	7.00	5.289	0.196	1.037
462+88.17	4.00	6.80	5.00	3.778	0.196	0.740
	4.00	6.80	7.00	5.289	0.196	1.037
459+76.75	4.00	6.80	5.00	3.778	0.196	0.740
457+82.02	4.00	6.80	7.00	5.289	0.196	1.037
457+77.60	4.00	6.80	5.00	3.778	0.196	0.740
454+64.43	6.00	9.20	5.00	5.111	0.196	1.002
444+57.61	4.00	6.80	7.00	5.289	0.196	1.037
444+32.54	4.00	6.80	5.00	3.778	0.196	0.740
443+62.72	4.00	6.80	7.00	5.289	0.196	1.037
443+57.79	4.00	6.80	5.00	3.778	0.196	0.740
438+52.98	7.00	10.40	5.00	5.778	0.196	1.132
434+47.15	4.00	6.80	7.00	5.289	0.196	1.037
433+60.52	4.00	6.80	5.00	3.778	0.196	0.740
432+49.62	6.00	9.20	5.00	5.111	0.196	1.002
	4.00	6.80	7.00	5.289	0.196	1.037
416+43.00	4.00	6.80	5.00	3.778	0.196	0.740
411+43.73	4.00	6.80	4.00	3.022	0.196	0.592
410+34.65	7.00	10.40	5.00	5.778	0.196	1.132
	4.00	6.80	7.00	5.289	0.196	1.037
403+51.33	4.00	6.80	5.00	3.778	0.196	0.740
S.B. LANE 2						
586+09.13	5.00	8.00	3.00	2.667	0.196	0.523
559+19.74	4.00	6.80	5.00	3.778	0.196	0.740
536+76.87	7.00	10.40	5.00	5.778	0.196	1.132
534+78.67	4.00	6.80	4.00	3.022	0.196	0.592
533+73.97	4.00	6.80	6.00	4.533	0.196	0.889
531+78.63	6.00	9.20	4.00	4.089	0.196	0.801
528+75.69	4.00	6.80	4.00	3.022	0.196	0.592
522+76.13	6.00	9.20	6.00	6.133	0.196	1.202
516+79.14	8.00	11.60	4.00	5.156	0.196	1.010
514+79.20	8.00	11.60	4.00	5.156	0.196	1.010
511+22.32	4.00	6.80	5.00	3.778	0.196	0.740
501+93.79	4.00	6.80	5.00	3.778	0.196	0.740
499+76.37	12.00	16.40	3.00	5.467	0.196	1.071
487+75.85	4.00	6.80	5.00	3.778	0.196	0.740
469+35.02	4.00	6.80	5.00	3.778	0.196	0.740
461+74.34	4.00	6.80	5.00	3.778	0.196	0.740
460+64.67	6.00	9.20	4.00	4.		

**SCHEDULE OF QUANTITIES**

CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTINUED FROM SHEET 12

HOT-MIX ASPHALT REPLACEMENT OVER PATCHES						TOTAL	1636	TON
STATION	LENGTH (FT)	LENGTH +20%+2' (FT)	WIDTH (FT)	BIT REMOV/PATCH (SQ YD)	TONS/SQ YD 3" THICK			SUBTOTAL
577+75.80	4.00	6.80	7.00	5.29	0.196			1.037
	4.00	6.80	5.00	3.78	0.196			0.740
579+77.20	4.00	6.80	7.00	5.29	0.196			1.037
	4.00	6.80	5.00	3.78	0.196			0.740
580+78.00	4.00	6.80	7.00	5.29	0.196			1.037
	4.00	6.80	5.00	3.78	0.196			0.740
581+80.70	4.00	6.80	7.00	5.29	0.196			1.037
	4.00	6.80	5.00	3.78	0.196			0.740
	4.00	6.80	7.00	5.29	0.196			1.037
	4.00	6.80	5.00	3.78	0.196			0.740
585+41.80	4.00	6.80	5.00	3.78	0.196			0.740
N.B. LANE 2								
TOTAL LENGTH	0.00	0.00	0.00	0.00	0.196			0.00
CLASS D PATCHES TYPE II, 10"								
S.B. LANE 1								
0+00.00	10.00	14.00	7.00	10.89	0.196			2.134
584+74.63	10.00	14.00	5.00	7.78	0.196			1.524
583+81.12	9.00	12.80	7.00	9.96	0.196			1.951
583+74.55	9.00	12.80	5.00	7.11	0.196			1.394
0+00.00	7.00	10.40	7.00	8.09	0.196			1.585
580+79.80	7.00	10.40	7.00	8.09	0.196			1.585
579+80.02	8.00	11.60	7.00	9.02	0.196			1.768
579+73.77	8.00	11.60	5.00	6.44	0.196			1.263
578+80.16	7.00	10.40	7.00	8.09	0.196			1.585
0+00.00	10.00	14.00	7.00	10.89	0.196			2.134
576+72.40	10.00	14.00	5.00	7.78	0.196			1.524
574+71.74	9.00	12.80	7.00	9.96	0.196			1.951
0+00.00	9.00	12.80	5.00	7.11	0.196			1.394
572+80.15	10.00	14.00	7.00	10.89	0.196			2.134
572+73.86	10.00	14.00	5.00	7.78	0.196			1.524
0+00.00	10.00	14.00	7.00	10.89	0.196			2.134
571+75.74	10.00	14.00	5.00	7.78	0.196			1.524
571+32.22	7.00	10.40	7.00	8.09	0.196			1.585
570+82.34	8.00	11.60	7.00	9.02	0.196			1.768
570+77.58	8.00	11.60	5.00	6.44	0.196			1.263
562+81.93	9.00	12.80	7.00	9.96	0.196			1.951
562+73.76	9.00	12.80	5.00	7.11	0.196			1.394
559+81.82	8.00	11.60	7.00	9.02	0.196			1.768
559+73.82	8.00	11.60	5.00	6.44	0.196			1.263
558+80.74	7.00	10.40	7.00	8.09	0.196			1.585
555+78.94	9.00	12.80	7.00	9.96	0.196			1.951
555+72.90	9.00	12.80	5.00	7.11	0.196			1.394
552+74.22	8.00	11.60	7.00	9.02	0.196			1.768
0+00.00	8.00	11.60	5.00	6.44	0.196			1.263
551+78.04	7.00	10.40	7.00	8.09	0.196			1.585
550+84.07	10.00	14.00	7.00	10.89	0.196			2.134
550+74.28	10.00	14.00	5.00	7.78	0.196			1.524
549+79.49	8.00	11.60	7.00	9.02	0.196			1.768
549+74.64	8.00	11.60	5.00	6.44	0.196			1.263
548+79.15	8.00	11.60	7.00	9.02	0.196			1.768
548+74.56	8.00	11.60	5.00	6.44	0.196			1.263
547+79.11	8.00	11.60	7.00	9.02	0.196			1.768
547+74.38	8.00	11.60	5.00	6.44	0.196			1.263
546+80.18	8.00	11.60	7.00	9.02	0.196			1.768
546+75.12	8.00	11.60	5.00	6.44	0.196			1.263
545+82.11	9.00	12.80	7.00	9.96	0.196			1.951
545+74.81	9.00	12.80	5.00	7.11	0.196			1.394
543+82.89	9.00	12.80	7.00	9.96	0.196			1.951
543+74.48	9.00	12.80	5.00	7.11	0.196			1.394
0+00.00	10.00	14.00	7.00	10.89	0.196			2.134
541+74.11	10.00	14.00	5.00	7.78	0.196			1.524
540+83.83	7.00	10.40	7.00	8.09	0.196			1.585
538+80.53	7.00	10.40	7.00	8.09	0.196			1.585
537+80.98	8.00	11.60	7.00	9.02	0.196			1.768
537+76.09	8.00	11.60	5.00	6.44	0.196			1.263
532+83.86	10.00	14.00	7.00	10.89	0.196			2.134
532+74.08	10.00	14.00	5.00	7.78	0.196			1.524
529+83.35	6.00	9.20	7.00	7.16	0.196			1.402
528+82.50	9.00	12.80	7.00	9.96	0.196			1.951
528+75.69	9.00	12.80	5.00	7.11	0.196			1.394
0+00.00	7.00	10.40	7.00	8.09	0.196			1.585
525+81.65	8.00	11.60	7.00	9.02	0.196			1.768
525+76.99	8.00	11.60	5.00	6.44	0.196			1.263
523+80.52	8.00	11.60	7.00	9.02	0.196			1.768
523+76.62	8.00	11.60	5.00	6.44	0.196			1.263
522+81.74	8.00	11.60	7.00	9.02	0.196			1.768
522+76.13	8.00	11.60	5.00	6.44	0.196			1.263
0+00.00	11.00	15.20	7.00	11.82	0.196			2.317
518+74.73	11.00	15.20	5.00	8.44	0.196			1.655
517+83.34	8.00	11.60	7.00	9.02	0.196			1.768
517+76.01	8.00	11.60	5.00	6.44	0.196			1.263
513+83.41	9.00	12.80	7.00	9.96	0.196			1.951
513+74.76	9.00	12.80	5.00	7.11	0.196			1.394
0+00.00	9.00	12.80	7.00	9.96	0.196			1.951

CONTINUED IN NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

STATION	LENGTH (FT)	LENGTH +20%+2' (FT)	WIDTH (FT)	BIT REMOV/PATCH (SQ YD)	TONS/SQ YD 3" THICK	SUBTOTAL
512+76.12	9.00	12.80	5.00	7.11	0.196	1.394
493+82.37	6.00	9.20	7.00	7.16	0.196	1.402
489+83.44	7.00	10.40	7.00	8.09	0.196	1.585
485+83.06	8.00	11.60	7.00	9.02	0.196	1.768
485+75.72	8.00	11.60	5.00	6.44	0.196	1.263
484+82.39	8.00	11.60	7.00	9.02	0.196	1.768
484+74.39	8.00	11.60	5.00	6.44	0.196	1.263
483+83.47	9.00	12.80	7.00	9.96	0.196	1.951
483+74.48	9.00	12.80	5.00	7.11	0.196	1.394
482+81.95	6.00	9.20	7.00	7.16	0.196	1.402
481+82.37	9.00	12.80	7.00	9.96	0.196	1.951
481+76.36	9.00	12.80	5.00	7.11	0.196	1.394
479+82.53	9.00	12.80	7.00	9.96	0.196	1.951
479+76.69	9.00	12.80	5.00	7.11	0.196	1.394
478+82.53	8.00	11.60	7.00	9.02	0.196	1.768
478+75.33	8.00	11.60	5.00	6.44	0.196	1.263
477+82.55	8.00	11.60	7.00	9.02	0.196	1.768
477+75.49	8.00	11.60	5.00	6.44	0.196	1.263
475+77.49	8.00	11.60	7.00	9.02	0.196	1.768
0+00.00	8.00	11.60	5.00	6.44	0.196	1.263
474+81.74	7.00	10.40	7.00	8.09	0.196	1.585
473+83.36	9.00	12.80	7.00	9.96	0.196	1.951
473+76.46	9.00	12.80	5.00	7.11	0.196	1.394
472+82.69	8.00	11.60	7.00	9.02	0.196	1.768
472+75.62	8.00	11.60	5.00	6.44	0.196	1.263
471+82.74	9.00	12.80	7.00	9.96	0.196	1.951
471+76.82	9.00	12.80	5.00	7.11	0.196	1.394
470+83.06	10.00	14.00	7.00	10.89	0.196	2.134
470+74.97	10.00	14.00	5.00	7.78	0.196	1.524
469+82.78	9.00	12.80	7.00	9.96	0.196	1.951
469+76.85	9.00	12.80	5.00	7.11	0.196	1.394
0+00.00	9.00	12.80	7.00	9.96	0.196	1.951
468+75.42	9.00	12.80	5.00	7.11	0.196	1.394
467+82.63	9.00	12.80	7.00	9.96	0.196	1.951
467+77.50	9.00	12.80	5.00	7.11	0.196	1.394
466+82.73	9.00	12.80	7.00	9.96	0.196	1.951
466+76.96	9.00	12.80	5.00	7.11	0.196	1.394
465+83.67	10.00	14.00	7.00	10.89	0.196	2.134
465+76.19	10.00	14.00	5.00	7.78	0.196	1.524
462+76.11	13.00	17.60	7.00	13.69	0.196	2.683
0+00.00	13.00	17.60	5.00	9.78	0.196	1.916
456+81.67	8.00	11.60	7.00	9.02	0.196	1.768
456+77.06	8.00	11.60	5.00	6.44	0.196	1.263
455+85.50	13.00	17.60	7.00	13.69	0.196	2.683
455+76.22	13.00	17.60	5.00	9.78	0.196	1.916
454+70.26	6.00	9.20	7.00	7.16	0.196	1.402
0+00.00	10.00	14.00	7.00	10.89	0.196	2.134
453+60.78	10.00	14.00	5.00	7.78	0.196	1.524
451+79.90	8.00	11.60	7.00	9.02	0.196	1.768
451+72.24	8.00	11.60	5.00	6.44	0.196	1.263
0+00.00	9.00	12.80	7.00	9.96	0.196	1.951
450+61.23	9.00	12.80	5.00	7.11	0.196	1.394
449+67.86	8.00	11.60	7.00	9.02	0.196	1.768
449+60.41	8.00	11.60	5.00	6.44	0.196	1.263
447+64.68	8.00	11.60	7.00	9.02	0.196	1.768
447+59.58	8.00	11.60	5.00	6.44	0.196	1.263
445+64.64	8.00	11.60	7.00	9.02	0.196	1.768
445+56.96	8.00	11.60	5.00	6.44	0.196	1.263
439+61.41	9.00	12.80	7.00	9.96	0.196	1.951
439+53.78	9.00	12.80	5.00	7.11	0.196	1.394
438+59.14	7.00	10.40	7.00	8.09	0.196	1.585
432+55.04	6.00	9.20	7.00	7.16	0.196	1.402
413+43.80	8.00	11.60	7.00	9.02	0.196	1.768
413+38.71	8.0					

SCHEDULE OF QUANTITIES

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 55, 99 (I&2) WRS-2, WILL, 228, 14.

CONTINUED FROM SHEET 13

Table: HOT-MIX ASPHALT REPLACEMENT OVER PATCHES. Columns: STATION, LENGTH (FT), LENGTH +20%+2' (FT), WIDTH (FT), BIT REMOV/PATCH (SQ YD), TONS/SQ YD 3 1/2", SUBTOTAL. Includes rows for S.B. LANE 1, N.B. LANE 1, N.B. LANE 2.

CONTINUED FROM PREVIOUS COLUMN

Table: Continuation of SCHEDULE OF QUANTITIES. Columns: STATION, LENGTH (FT), LENGTH +20%+2' (FT), WIDTH (FT), BIT REMOV/PATCH (SQ YD), TONS/SQ YD 3 1/2", SUBTOTAL. Includes rows for S.B. LANE 1, S.B. LANE 2, N.B. LANE 1, N.B. LANE 2, CLASS D PATCHES TYPE III, IV, 10".

Table: HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2". Columns: LOCATION, FROM STA., TO STA., MEASURED AREA (SQ FT), SUBTOTAL. Includes rows for S.B. and N.B. lanes.

Table: HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH. Columns: LOCATION, FROM STA., TO STA., MEASURED AREA (SQ FT), SUBTOTAL. Includes rows for S.B. and N.B. lanes.

Table: PAVEMENT REMOVAL. Columns: LOCATION, FROM STA., TO STA., MEASURED AREA (SQ FT), SUBTOTAL. Includes rows for ML lanes.

Table: HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2". Columns: LOCATION, FROM STA., FROM OFFSET, TO STA., TO OFFSET, SUB TOTALS. Includes rows for S.B. LANE 1, N.B. LANE 1, N.B. LANE 2.

CONTINUED ON SHEET 15

Vertical text on the left edge: PLOT DATE, DATE, SCALE, USER.

CONTINUED IN NEXT COLUMN

NOTE: SEE STAGING AND TRAFFIC CONTROL TYPICAL SECTIONS FOR PATCHING WIDTHS.

Table: REVISIONS. Columns: NAME, DATE. Includes a grid for recording changes.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

SCHEDULE OF QUANTITIES

SCALE: N.T.S. DRAWN BY: KV  
DATE: 03/22/07 CHECKED BY: DDH





SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2"					TOTAL 8343	SQ. YD.
LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET		SUB TOTALS
564+84.66	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
563+79.47	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
560+77.18	4.00	6.80	5.00			3,778
558+74.17	7.00	10.40	5.00			5,289
	4.00	6.80	7.00			5,289
557+77.21	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
556+68.97	4.00	6.80	5.00			3,778
	5.00	8.00	7.00			6,222
554+75.27	5.00	8.00	5.00			4,444
	4.00	6.80	7.00			5,289
554+24.04	4.00	6.80	5.00			3,778
553+77.45	4.00	6.80	7.00			5,289
552+79.44	4.00	6.80	5.00			3,778
551+74.37	7.00	10.40	5.00			5,778
554+80.52	5.00	8.00	7.00			6,222
544+76.02	5.00	8.00	5.00			4,444
542+80.14	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
540+77.43	7.00	10.40	5.00			5,778
538+76.39	7.00	10.40	5.00			5,778
535+80.52	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
534+81.68	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
530+81.14	4.00	6.80	7.00			5,289
530+76.02	4.00	6.80	5.00			3,778
529+77.61	6.00	9.20	5.00			5,111
527+77.23	7.00	10.40	5.00			5,778
526+80.66	4.00	6.80	7.00			5,289
526+75.54	4.00	6.80	5.00			3,778
522+04.30	4.00	6.80	7.00			5,289
521+99.24	4.00	6.80	5.00			3,778
520+76.18	8.00	11.60	4.00			5,156
516+76.02	6.00	9.20	4.00			4,089
	5.00	8.00	7.00			6,222
507+76.35	5.00	8.00	5.00			4,444
	4.00	6.80	7.00			5,289
503+81.99	4.00	6.80	5.00			3,778
493+76.66	6.00	9.20	5.00			5,111
492+79.05	4.00	6.80	7.00			5,289
492+66.14	4.00	6.80	5.00			3,778
489+77.35	7.00	10.40	5.00			5,778
487+75.85	4.00	6.80	7.00			5,289
486+83.25	4.00	6.80	5.00			3,778
482+76.63	6.00	9.20	5.00			5,111
476+81.07	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
476+52.57	4.00	6.80	7.00			5,289
475+83.80	4.00	6.80	5.00			3,778
474+77.59	7.00	10.40	5.00			5,778
	4.00	6.80	7.00			5,289
464+12.50	4.00	6.80	5.00			3,778
463+74.19	4.00	6.80	7.00			5,289
462+88.17	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
459+76.75	4.00	6.80	5.00			3,778
457+82.02	4.00	6.80	7.00			5,289
457+77.60	4.00	6.80	5.00			3,778
454+64.43	6.00	9.20	5.00			5,111
444+57.61	4.00	6.80	7.00			5,289
444+32.54	4.00	6.80	5.00			3,778
443+62.72	4.00	6.80	7.00			5,289
443+57.79	4.00	6.80	5.00			3,778
438+52.98	7.00	10.40	5.00			5,778
434+47.15	4.00	6.80	7.00			5,289
433+60.52	4.00	6.80	5.00			3,778
432+49.62	6.00	9.20	5.00			5,111
	4.00	6.80	7.00			5,289
416+43.00	4.00	6.80	5.00			3,778
411+43.73	4.00	6.80	4.00			3,022
410+34.65	7.00	10.40	5.00			5,778
	4.00	6.80	7.00			5,289
403+51.33	4.00	6.80	5.00			3,778
S.B. LANE 2						
586+09.13	5.00	8.00	3.00			2,667
559+19.74	4.00	6.80	5.00			3,778
536+76.87	7.00	10.40	5.00			5,778
534+78.67	4.00	6.80	4.00			3,022
533+73.97	4.00	6.80	6.00			4,533
531+78.63	6.00	9.20	4.00			4,089

CONTINUED IN NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET		SUB TOTALS
528+75.69	4.00	6.80	4.00			3,022
522+76.13	6.00	9.20	6.00			6,133
516+79.14	8.00	11.60	4.00			5,156
514+79.20	8.00	11.60	4.00			5,156
511+22.32	4.00	6.80	5.00			3,778
501+93.79	4.00	6.80	5.00			3,778
499+76.37	12.00	16.40	3.00			5,467
487+75.85	4.00	6.80	5.00			3,778
469+35.02	4.00	6.80	5.00			3,778
461+74.34	4.00	6.80	5.00			3,778
460+64.67	6.00	9.20	4.00			4,089
444+29.01	4.00	6.80	4.00			3,022
440+54.22	7.00	10.40	5.00			5,778
432+49.62	6.00	9.20	4.00			4,089
420+42.49	6.00	9.20	5.00			5,111
415+83.52	5.00	8.00	5.00			4,444
415+39.85	5.00	8.00	4.00			3,556
409+35.70	6.00	9.20	4.00			4,089
N.B. LANE 1						
403+55.93	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
404+55.21	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
438+81.20	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
452+74.70	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
457+75.64	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
458+93.00	4.00	6.80	5.00			3,778
459+73.99	4.00	6.80	7.00			5,289
460+75.99	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
463+81.55	4.00	6.80	5.00			3,778
	4.00	6.80	5.00			3,778
465+81.92	4.00	6.80	5.00			3,778
466+75.47	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
476+81.69	4.00	6.80	5.00			3,778
478+16.25	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
478+82.71	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
481+81.37	4.00	6.80	5.00			3,778
482+82.94	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
484+81.67	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
496+81.83	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
500+80.58	4.00	6.80	5.00			3,778
531+00.49	4.00	6.80	7.00			5,289
531+80.90	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
533+69.00	4.00	6.80	5.00			3,778
534+80.68	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
535+77.91	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
537+80.61	4.00	6.80	7.00			5,289
538+84.03	4.00	6.80	5.00			3,778
539+72.64	4.00	6.80	7.00			5,289
539+80.91	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
544+77.04	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
550+76.67	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
556+80.94	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
557+84.03	4.00	6.80	5.00			3,778
558+22.55	4.00	6.80	7.00			5,289
558+79.63	4.00	6.80	5.00			3,778
559+79.05	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
561+79.28	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
562+79.63	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
563+79.42	4.00	6.80	7.00			5,289
564+74.17	4.00	6.80	5.00			3,778

CONTINUED IN NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET		SUB TOTALS
	4.00	6.80	7.00			5,289
570+74.26	4.00	6.80	5.00			3,778
	4.00	6.80	7.00			5,289
572+75.98	4.00	6.80	5.00			3,778
573+72.44	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
574+78.78	4.00	6.80	7.00			5,289
575+74.75	4.00	6.80	5.00			3,778
575+86.09	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
576+81.30	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
577+75.80	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
579+77.20	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
580+78.00	4.00	6.80	7.00			5,289
	4.00	6.80	5.00			3,778
581+80.70	4.00	6.80	7.00			5,289

SCHEDULE OF QUANTITIES

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., STA., TO STA., FED. ROAD DIST. NO., ILLINOIS FED. AID PROJECT.

CONTINUED FROM SHEET 15

Table with columns: LOCATION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, SUB TOTALS. Title: HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2" TOTAL 8343 SQ YD.

CONTINUED IN NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

Table with columns: LOCATION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, SUB TOTALS.

CONTINUED IN NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

Table with columns: LOCATION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, SUB TOTALS.

CONTINUED ON SHEET 17

Vertical text on the left margin containing project details and user information.

NOTE: SEE STAGING AND TRAFFIC CONTROL TYPICAL SECTIONS FOR PATCHING WIDTHS.

Table with columns: REVISIONS, NAME, DATE.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

SCHEDULE OF QUANTITIES VII

SCALE: as laid DRAWN BY: drawn  
DATE: 03/22/07 CHECKED BY: checked



TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS



**SCHEDULE OF QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTINUED FROM SHEET 16

HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2"						TOTAL 8343	SQ YD
LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	SUB TOTALS		
496+81.83	4	6.80	12		9.067		
497+70.68	4	6.80	12		9.067		
498+78.04	7	10.40	12		13.867		
499+81.53	9	12.80	12		17.067		
505+82.10	4	6.80	12		9.067		
509+76.56	4	6.80	12		9.067		
511+76.91	4	6.80	12		9.067		
512+75.88	4	6.80	12		9.067		
514+82.26	4	6.80	12		9.067		
515+78.71	4	6.80	12		9.067		
516+82.13	4	6.80	12		9.067		
517+23.86	9	12.80	12		17.067		
518+42.71	4	6.80	12		9.067		
519+82.11	8	11.60	12		15.467		
521+74.84	8	11.60	12		15.467		
522+82.11	4	6.80	12		9.067		
523+81.57	4	6.80	12		9.067		
525+75.16	4	6.80	12		9.067		
527+74.23	4	6.80	12		9.067		
528+00.93	4	6.80	12		9.067		
528+47.18	4	6.80	12		9.067		
528+64.72	4	6.80	12		9.067		
528+77.68	4	6.80	12		9.067		
531+80.90	4	6.80	12		9.067		
534+80.68	4	6.80	12		9.067		
535+80.22	4	6.80	12		9.067		
537+80.61	4	6.80	12		9.067		
538+84.03	4	6.80	12		9.067		
543+76.86	4	6.80	12		9.067		
544+79.70	8	11.60	12		15.467		
548+77.05	4	6.80	12		9.067		
556+76.70	5	8.00	12		10.667		
558+22.55	4	6.80	12		9.067		
563+79.42	4	6.80	12		9.067		
568+71.67	4	6.80	12		9.067		
569+76.46	4	6.80	12		9.067		
570+74.26	4	6.80	12		9.067		
577+75.80	4	6.80	12		9.067		
<b>S.B. LANE 1</b>							0.00
0+00.00 0.00 0.00 0.00							
<b>S.B. LANE 2</b>							18.667
583+73.14	10.00	14.00	12.00		18.667		
580+73.77	14.00	18.80	12.00		25.067		
579+73.77	10.00	14.00	12.00		18.667		
578+73.32	10.00	14.00	12.00		18.667		
574+70.82	10.00	14.00	12.00		18.667		
567+75.20	12.00	16.40	12.00		21.867		
566+72.98	11.00	15.20	12.00		20.267		
565+74.40	10.00	14.00	12.00		18.667		
562+73.76	10.00	14.00	12.00		18.667		
559+73.82	10.00	14.00	12.00		18.667		
550+69.42	15.00	20.00	12.00		26.667		
545+74.81	10.00	14.00	12.00		18.667		
540+74.54	10.00	14.00	12.00		18.667		
532+74.08	10.00	14.00	12.00		18.667		
492+66.14	13.00	17.60	12.00		23.467		
488+74.79	12.00	16.40	12.00		21.867		
486+75.50	11.00	15.20	12.00		20.267		
472+75.62	10.00	14.00	12.00		18.667		
459+76.75	11.00	15.20	12.00		20.267		
<b>N.B. LANE 1</b>							0.00
0+00.00 0.00 0.00 0.00							
<b>N.B. LANE 2</b>							17.60
539+72.64	11.00	13.20	12.00		17.60		
<b>CLASS D PATCHES TYPE III, 10"</b>							
<b>S.B. LANE 1</b>							60.302
462+72.74	16.00	21.20	25.6		60.302		
455+74.34	18.00	23.60	28.8		75.520		
<b>S.B. LANE 2</b>							0.00
000+00.00	0.00	0.00	0		0.00		
<b>N.B. LANE 1</b>							0.00
000+00.00	0.00	0.00	0		0.00		
<b>N.B. LANE 2</b>							131.413
553+76.53	24.00	30.80	38.4		131.413		
<b>CLASS D PATCHES TYPE IV, 10"</b>							0.000
<b>S.B. LANE 1</b>							28.267
462+72.74	16.00	21.20	12.00		28.267		
455+74.34	18.00	23.60	12.00		31.467		
<b>S.B. LANE 2</b>							0.000
000+00.00	0.00	0.00	0.00		0.000		
<b>N.B. LANE 1</b>							0.000
000+00.00	0.00	0.00	0.00		0.000		
<b>N.B. LANE 2</b>							41.067
553+76.53	24.00	30.80	12.00		41.067		

CONTINUED IN THE NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	SUB TOTALS
Inc Qty of Pat by 60% (20%/Yr Sin Patch Surv Compl in 2005)					
3083.67					
LOCATION	STA.	OFFSET	STA.	OFFSET	SQ YD
<b>STORM SEWER LATERALS</b>					
SB	403+71.00	20.00 LT	403+71.00	44.00 LT	20.00
SB	405+08.20	20.00 LT	405+05.32	44.00 LT	20.00
NB	480+00.00	44.00 RT	480+00.00	20.00 RT	20.00
SB	504+08.00	20.00 LT	504+08.00	44.00 LT	18.44
SB	510+48.00	20.00 LT	510+48.00	44.00 LT	21.56
SB	556+76.44	20.00 LT	556+77.41	44.00 LT	20.00

CONTINUED FROM PREVIOUS COLUMN

BITUMINOUS CONCRETE SHOULDER REMOVAL					TOTAL 22618	SQ YD
DIRECTION	FROM STA.	TO STA.	MEASURED AREA (SQ FT)			SUBTOTALS (SQ YD)
S.B.	402+65.07	457+00.00	38,497.00			4277.44
S.B.	457+00.00	491+42.70	18,396.00			2044.00
S.B.	492+02.49	532+00.00	20,584.00			2287.11
S.B.	532+00.00	547+00.00	5,202.00			578.00
S.B.	547+00.00	552+04.61	2,155.00			239.44
S.B.	552+57.58	573+00.00	10,189.00			1132.11
N.B.	402+65.07	427+00.00	10,469.00			1163.22
N.B.	427+00.00	457+00.00	11,094.00			1232.67
N.B.	457+00.00	491+79.57	13,894.00			1543.78
N.B.	492+02.34	502+00.00	4,128.00			458.67
N.B.	502+00.00	532+00.00	25,311.00			2812.33
N.B.	532+00.00	547+00.00	16,605.00			1845.00
N.B.	547+00.00	552+15.43	5,647.00			627.44
N.B.	552+54.93	573+00.00	21,388.00			2376.44

CONTINUED FROM PREVIOUS COLUMN

CLASS D PATCHES, TYPE I, 10 INCH					TOTAL 1131	SQ YD
STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)			SUBTOTALS (SQ YD)
<b>S.B. LANE 1</b>						
585+68.23	4.00	4.80	7.00			3.73
582+75.54	7.00	8.40	5.00			4.67
580+75.25	7.00	8.40	5.00			4.67
578+75.57	7.00	8.40	5.00			4.67
	3.00	3.60	7.00			2.80
577+77.15	3.00	3.60	5.00			2.00
575+75.66	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
573+76.18	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
571+29.24	7.00	8.40	5.00			4.67
	4.00	4.80	7.00			3.73
569+76.44	4.00	4.80	5.00			2.67
568+79.58	5.00	6.00	7.00			4.67
568+76.82	5.00	6.00	5.00			3.33
567+83.93	4.00	4.80	7.00			3.73
567+75.20	4.00	4.80	5.00			2.67
566+71.39	4.00	4.80	7.00			3.73
565+80.93	4.00	4.80	5.00			2.67
564+84.66	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
563+79.47	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
560+77.18	4.00	4.80	5.00			2.67
558+74.17	7.00	8.40	5.00			4.67
	4.00	4.80	7.00			3.73
557+77.21	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
556+68.97	4.00	4.80	5.00			2.67
	5.00	6.00	7.00			4.67
554+75.27	5.00	6.00	5.00			3.33
	4.00	4.80	7.00			3.73
554+24.04	4.00	4.80	5.00			2.67
553+77.45	4.00	4.80	7.00			3.73
552+79.44	4.00	4.80	5.00			2.67
551+74.37	7.00	8.40	5.00			4.67
554+80.52	5.00	6.00	7.00			4.67
544+76.02	5.00	6.00	5.00			3.33
542+80.14	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
540+77.43	7.00	8.40	5.00			4.67

CONTINUED IN THE NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)	TYPE II (SQ YD)	Sub totals (SQ YD)
538+76.39	7.00	8.40	5.00		4.67
535+80.52	4.00	4.80	7.00		3.73
	4.00	4.80	5.00		2.67
534+81.68	4.00	4.80	7.00		3.73
	4.00	4.80	5.00		2.67
530+81.14	4.00	4.80	7.00		3.73
530+76.02	4.00	4.80	5.00		2.67
529+77.61	6.00	7.20	5.00		4.00
527+77.23	7.00	8.40	5.00		4.67
526+80.66	4.00	4.80	7.00		3.73
526+75.54	4.00	4.80	5.00		2.67
522+04.30	4.00	4.80	7.00		3.73
521+99.24	4.00	4.80	5.00		2.67
520+76.18	8.00	9.60	4.00		4.27
516+76.02	6.00	7.20	4.00		3.20
	5.00	6.00	7.00		4.67
507+76.35	5.00	6.00	5.00		3.33
	4.00	4.80	7.00		3.73
503+81.99	4.00	4.80	5.00		2.67
493+76.66	6.00	7.20	5.00		4.00
492+79.05	4.00	4.80	7.00		3.73
492+66.14	4.00	4.80	5.00		2.67
489+77.35	7.00	8.40	5.00		4.67
487+75.85	4.00	4.80	7.00		3.73
486+83.25	4.00	4.80	5.00		2.67
482+76.63	6.00	7.20	5.00		4.00
476+81.07	4.00	4.80	7.00		3.73
	4.00	4.80	5.00		2.67
476+52.57	4.00	4.80	7.00		3.73
475+83.80	4.00	4.80	5.00		2.67
474+77.59	7.00	8.40	5.00		4.67
	4.00	4.80	7.00		3.73
464+12.50	4.00	4.80	5.00		2.67
463+74.19	4.00	4.8			

**SCHEDULE OF QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	18

CLASS D PATCHES, TYPE I, 10 INCH					TOTAL 1131	SQ YD
STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)	TYPE II (SQ YD)		Sub totals (SQ YD)
440+54.22	7.00	8.40	5.00			4.67
432+49.62	6.00	7.20	4.00			3.20
420+42.49	6.00	7.20	5.00			4.00
415+83.52	5.00	6.00	5.00			3.33
415+39.85	5.00	6.00	4.00			2.67
409+35.70	6.00	7.20	4.00			3.20
N.B. LANE 1						
403+55.93	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
404+55.21	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
438+81.20	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
452+74.70	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
457+75.64	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
458+93.00	4.00	4.80	5.00			2.67
459+73.99	4.00	4.80	7.00			3.73
460+75.99	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
463+81.55	4.00	4.80	5.00			2.67
	4.00	4.80	5.00			2.67
465+81.92	4.00	4.80	5.00			2.67
466+75.47	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
476+81.69	4.00	4.80	5.00			2.67
478+16.25	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
478+82.71	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
481+81.37	4.00	4.80	5.00			2.67
482+82.94	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
484+81.67	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
496+81.83	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
500+80.58	4.00	4.80	5.00			2.67
531+00.49	4.00	4.80	7.00			3.73
531+80.90	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
533+69.00	4.00	4.80	5.00			2.67
534+80.68	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
535+77.91	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
537+80.61	4.00	4.80	7.00			3.73
538+84.03	4.00	4.80	5.00			2.67
539+72.64	4.00	4.80	7.00			3.73
539+80.91	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
544+77.04	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
550+76.67	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
556+80.94	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
557+84.03	4.00	4.80	5.00			2.67
558+22.55	4.00	4.80	7.00			3.73
558+79.63	4.00	4.80	5.00			2.67
559+79.05	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
561+79.28	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
562+79.63	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
563+79.42	4.00	4.80	7.00			3.73
564+74.17	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
570+74.26	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
572+75.98	4.00	4.80	5.00			2.67
573+72.44	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
574+78.78	4.00	4.80	7.00			3.73
575+74.75	4.00	4.80	5.00			2.67
575+86.09	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
576+81.30	4.00	4.80	7.00			3.73

CONTINUED IN NEXT COLUMN

STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)	TYPE II (SQ YD)		Sub totals (SQ YD)
	4.00	4.80	5.00			2.67
577+75.80	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
579+77.20	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
580+78.00	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
581+80.70	4.00	4.80	7.00			3.73
	4.00	4.80	5.00			2.67
	4.00	4.80	7.00			3.73
585+41.80	4.00	4.80	5.00			2.67
N.B. LANE 2						
TOTAL LENGTH	0.00	0.00	0.00	0.00		0.00
Inc Qty of Pat by 60% (20%/Yr Sin Patch Surv Compl in 2005)						
						418.00
FOR SEWER LATERALS ONLY						
STA.	OFFSET	STA.	OFFSET			
480+00.00	20.00 RT	480+00.00	16.53 RT	24		2.89
504+08.00	15.25 LT	504+08.00	20.00 LT	18		3.65
504+08.00	82.10 LT	504+08.00	85.20 LT	18		2.38
510+48.00	15.32 LT	510+48.00	20.00 LT	30		4.20
556+76.31	15.80 LT	556+76.44	20.00 LT	24		3.50

CLASS D PATCHES, TYPE II, 10 INCH					TOTAL 4623.00	SQ YD
STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)	TYPE II (SQ YD)		Sub totals (SQ YD)
S.B. LANE 1						
0+00.00						
584+74.63	10.00	12.00	5.00			6.67
583+81.12	9.00	10.80	7.00			8.40
583+74.55	9.00	10.80	5.00			6.00
0+00.00	7.00	8.40	7.00			6.53
580+79.80	7.00	8.40	7.00			6.53
579+80.02	8.00	9.60	7.00			7.47
579+73.77	8.00	9.60	5.00			5.33
578+80.16	7.00	8.40	7.00			6.53
0+00.00	10.00	12.00	7.00			9.33
576+72.40	10.00	12.00	5.00			6.67
574+71.74	9.00	10.80	7.00			8.40
0+00.00	9.00	10.80	5.00			6.00
572+80.15	10.00	12.00	7.00			9.33
572+73.86	10.00	12.00	5.00			6.67
0+00.00	10.00	12.00	7.00			9.33
571+75.74	10.00	12.00	5.00			6.67
571+32.22	7.00	8.40	7.00			6.53
570+82.34	8.00	9.60	7.00			7.47
570+77.58	8.00	9.60	5.00			5.33
562+81.93	9.00	10.80	7.00			8.40
562+73.76	9.00	10.80	5.00			6.00
559+81.82	8.00	9.60	7.00			7.47
559+73.82	8.00	9.60	5.00			5.33
558+80.74	7.00	8.40	7.00			6.53
555+78.94	9.00	10.80	7.00			8.40
555+72.90	9.00	10.80	5.00			6.00
552+74.22	8.00	9.60	7.00			7.47
0+00.00	8.00	9.60	5.00			5.33
551+78.04	7.00	8.40	7.00			6.53
550+84.07	10.00	12.00	7.00			9.33
550+74.28	10.00	12.00	5.00			6.67
549+79.49	8.00	9.60	7.00			7.47
549+74.64	8.00	9.60	5.00			5.33
548+79.15	8.00	9.60	7.00			7.47
548+74.56	8.00	9.60	5.00			5.33
547+79.11	8.00	9.60	7.00			7.47
547+74.38	8.00	9.60	5.00			5.33
546+80.18	8.00	9.60	7.00			7.47
546+75.12	8.00	9.60	5.00			5.33
545+82.11	9.00	10.80	7.00			8.40
545+74.81	9.00	10.80	5.00			6.00
543+82.89	9.00	10.80	7.00			8.40
543+74.48	9.00	10.80	5.00			6.00
0+00.00	10.00	12.00	7.00			9.33
541+74.11	10.00	12.00	5.00			6.67
540+83.83	7.00	8.40	7.00			6.53
538+80.53	7.00	8.40	7.00			6.53
537+80.98	8.00	9.60	7.00			7.47
537+76.09	8.00	9.60	5.00			5.33
532+83.86	10.00	12.00	7.00			9.33
532+74.08	10.00	12.00	5.00			6.67
529+83.35	6.00	7.20	7.00			5.60
528+82.50	9.00	10.80	7.00			8.40
528+75.69	9.00	10.80	5.00			6.00

CONTINUED IN NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

LOCATION	CONNECT TO STRUCTURE	LENGTH	FACTOR (NB & SB)			SUBTOTALS
0+00.00	7.00	8.40	7.00			6.53
525+81.65	8.00	9.60	7.00			7.47
525+76.99	8.00	9.60	5.00			5.33
523+80.52	8.00	9.60	7.00			7.47
523+76.62	8.00	9.60	5.00			5.33
522+81.74	8.00	9.60	7.00			7.47
522+76.13	8.00	9.60	5.00			5.33
0+00.00	11.00	13.20	7.00			10.27
518+74.73	11.00	13.20	5.00			7.33
517+83.34	8.00	9.60	7.00			7.47
517+76.01	8.00	9.60	5.00			5.33
513+83.41	9.00	10.80	7.00			8.40
513+74.76	9.00	10.80	5.00			6.00
0+00.00	9.00	10.80	7.00			8.40
512+76.12	9.00	10.80	5.00			6.00
493+82.37	6.00	7.20	7.00			5.60
489+83.44	7.00	8.40	7.00			6.53
485+83.06	8.00	9.60	7.00			7.47
485+75.72	8.00	9.60	5.00			5.33
484+82.39	8.00	9.60	7.00			7.47
484+74.39	8.00	9.60	5.00			5.33
483+83.47	9.00	10.80	7.00			8.40
483+74.48	9.00	10.80	5.00			6.00
482+81.95	6.00	7.20	7.00			5.60
481+82.37	9.00	10.80	7.00			8.40
481+76.36	9.00	10.80	5.00			6.00
479+82.53	9.00	10.80	7.00			8

SCHEDULE OF QUANTITIES

Table with 5 columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 55, 99 (I&2) WRS-2, WILL, 228, 19.

Table: CLASS D PATCHES, TYPE II, 10 INCH. Columns: STATION, LENGTH (FT), ADJ. LENGTH (FT), WIDTH (FT), TYPE II (SQ YD), Sub totals (SQ YD). Total: 4623.00 SQ YD.

CONTINUED FROM PREVIOUS COLUMN

Table: CLASS D PATCHES, TYPE II, 10 INCH. Columns: STATION, LENGTH (FT), ADJ. LENGTH (FT), WIDTH (FT), TYPE II (SQ YD), Sub totals (SQ YD). Total: 4623.00 SQ YD.

Table: CLASS D PATCHES, TYPE III, 10 INCH. Columns: STATION, LENGTH (FT), ADJ. LENGTH (FT), WIDTH (FT), TYPE II (SQ YD), Sub totals (SQ YD). Total: 563.00 SQ YD.

Table: CLASS D PATCHES, TYPE III, 10 INCH. Columns: STATION, LENGTH (FT), ADJ. LENGTH (FT), WIDTH (FT), TYPE II (SQ YD), Sub totals (SQ YD). Total: 563.00 SQ YD.

CONTINUED ON SHEET 20

NOTE: SEE STAGING AND TRAFFIC CONTROL TYPICAL SECTIONS FOR PATCHING WIDTHS.

Table: REVISIONS. Columns: NAME, DATE.

ILLINOIS DEPARTMENT OF TRANSPORTATION. SCHEDULE OF QUANTITIES X. SCALE: N.T.S. DRAWN BY: KV. CHECKED BY: DDH.

PLOT DATE: 3-22-2007. FILE NAME: 3-22-2007\_145846. USER NAME: MUSIER.

**SCHEDULE OF QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CLASS D PATCHES, TYPE III, 10 INCH					TOTAL 563.00 SQ YD
STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)	TYPE II (SQ YD)	Sub totals (SQ YD)
559+73.82	10.00	12.00	12.00		16.00
550+69.42	15.00	18.00	12.00		24.00
545+74.81	10.00	12.00	12.00		16.00
540+74.54	10.00	12.00	12.00		16.00
532+74.08	10.00	12.00	12.00		16.00
492+66.14	13.00	15.60	12.00		20.80
488+74.79	12.00	14.40	12.00		19.20
486+75.50	11.00	13.20	12.00		17.60
472+75.62	10.00	12.00	12.00		16.00
459+76.75	11.00	13.20	12.00		17.60
N.B. LANE 1					
0+00.00	0.00	0.00	0.00		0.00
N.B. LANE 2					
539+72.64	11.00	13.20	12.00		17.60
Incr Qty of Patch by 60%(20%/Yr Sinc Patch Surv Complet In 2005)					211.20

CLASS D PATCHES, TYPE IV, 10 INCH					TOTAL 148 SQ YD
STATION	LENGTH (FT)	ADJ. LENGTH (FT)	WIDTH (FT)	TYPE IV (SQ YD)	Sub totals
S.B. LANE 1					
462+72.74	16.00	19.20	12	25.6	25.60
455+74.34	18.00	21.60	12	28.8	28.80
S.B. LANE 2					
000+00.00	0.00	0.00	0		0.00
N.B. LANE 1					
000+00.00	0.00	0.00	0		0.00
N.B. LANE 2					
553+76.53	24.00	28.80	12.00	38.4	38.40
INC QTY OF PATCH BY 60%(20%/YR SINC PATCH SURV COMPL IN 2005)					55.68

STRIP REFLECTIVE CRACK CONTROL TREATMENT					TOTAL 104683 FOOT
STATION	FROM STATION	TO STATION	LENGTH (FT)	# OF LINES	Sub totals
ML(S.B.&N.B.)	402+65.07	491+42.75	8,877.68	6	53,266.08
ML (S.B.)	492+38.25	502+00.00	961.75	3	2,885.25
ML (N.B.)	492+49.25	502+00.00	950.75	3	2,852.25
ML(S.B.&N.B.)	502+00.00	561+09.11	5,909.11	6	35,454.66
ML(S.B.&N.B.)	561+09.11	566+43.80	534.69	7	3,742.83
ML(S.B.&N.B.)	566+43.80	573+00.00	666.20	8	5,249.60
ML (S.B.)	573+00.00	574+48.66	148.66	1	148.66
ML (S.B.)	574+48.66	576+42.20	193.54	2	387.08
ML (N.B.)	573+00.00	574+47.75	147.75	1	147.75
ML (N.B.)	574+47.75	577+21.97	274.22	2	548.44

CONCRETE REMOVAL		TOTAL 13.7 CU YD
Sub totals		
FROM STRUCTURAL CALCULATIONS		
BOX CULVERT AT 471+20		
CSXRR		
I-80		
IL 59		
US 52		
BLACK RD		
SUNNYLAND DRAIN		
CATON FARM		13.7
US 30		

PIPE CULVERT REMOVAL							TOTAL 341 FOOT
LOCATION	STATION	OFFSET	STATION	OFFSET	SIZE		Sub totals
I-55	403+72.00	-1.0	403+59.00	-67.8	24		68
I-55	403+73.50	1.2	403+77.00	19.4	24		19
I-55	427+79.41	-10.3	427+79.44	-15.0	24		5
I-55	436+79.60	-7.5	436+79.60	-18.0	18		11
I-55	445+78.95	-7.5	445+78.95	-18.0	18		11
I-55	476+66.13	-0.2	476+75.51	-0.2	12		9
I-55	476+77.20	-1.5	476+77.20	-7.5	36		6
I-55	504+78.03	-0.2	504+78.10	-6.5	18		6
I-55	509+26.89	1.1	509+39.95	1.7	18		13
I-55	551+93.44	-1.3	552+73.21	0.0	18		80
I-55	556+75.83	-9.9	556+78.10	-78.9	18		69
I-55	556+77.00	-131.0	556+78.00	-86.0	18		45

STORM SEWERS TO BE CLEANED							TOTAL 1217 FOOT
STATION	OFFSET	STATION	OFFSET	SIZE	LENGTH		Sub totals
403+73.50	19.4	403+85.00	66.1	24	48		48
419+30.70	-0.8	419+31.00	-6.7	24	66		66
419+30.70	1.87	419+30.10	67.9	24	66		66
476+77.50	-69.3	476+76.90	71.4	36	141		141
504+79.00	-108.5	504+77.40	-6.1	18	102		102
506+36.96	-16.0	506+74.20	-120.6	36	54		54
507+88.55	94.9	508+20.00	69.7	24	40		40
508+19.70	69.3	508+24.80	-120.9	24	190		190
507+93.00	-121.8	509+53.00	-117.5	36	160		160
509+40.70	98.5	509+24.00	73.4	30	30		30
509+24.90	72.6	509+30.10	-118	30	191		191
510+90.10	-125.5	511+23.50	-175	24	60		60
556+75.40	11.77	556+75.94	80	18	68		68

STORM SEWER REMOVAL 24"						TOTAL 12 FOOT
LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET		Sub totals
I-55 ML	572+76	0.25	572+88	-3.3		12.1

STORM SEWER REMOVAL 30"						TOTAL 6 FOOT
LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET		Sub totals
I-55 ML	509+25	3	509+25	-3		6

PIPE UNDERDRAINS 6"							TOTAL 24,718 FOOT
LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	FACTOR (NB & SB)		SUBTOTALS
I-55	423+70	6.5	470+70	6.5	2		9,400.0
I-55	492+82	6.5	556+40	6.5	2		12,716.0
I-55	556+79	6.5	569+80	6.5	2		2,602.0

PIPE UNDERDRAINS 6" (SPECIAL)						TOTAL 238 FOOT
LOCATION	CONNECT TO STRUCTURE	LENGTH	FACTOR (NB & SB)			SUBTOTALS
I-55	2103	3.6	1			3.6
I-55	2105	3.6	1			3.6
I-55	2107	3.6	1			3.6
I-55	2109	3.6	1			3.6
I-55	2111	3.6	1			3.6
I-55	2113	3.6	1			3.6
I-55	2114	3.6	1			3.6
I-55	2209	3.6	1			3.6
I-55	2207	3.6	1			3.6
I-55	2205	3.6	1			3.6
I-55	2203	3.6	1			3.6
I-55	2403	3.6	1			3.6
I-55	2404	3.6	1			3.6
I-55	2406	3.6	1			3.6
I-55	2408	3.6	1			3.6
I-55	2409	3.6	1			3.6
I-56	2411	3.6	1			3.6
I-55	2502	3.6	1			3.6
I-55	2505	3.6	1			3.6
I-55	2507	3.6	1			3.6
I-55	2509	3.6	1			3.6
I-55	2511	3.6	1			3.6
I-55	2513	3.6	1			3.6
I-55	2515	3.6	1			3.6
I-55	2517	3.6	1			3.6
I-55	2602	3.6	1			3.6
I-55	2604	3.6	1			3.6
I-55	2606	3.6	1			3.6

LOCATION	CONNECT TO STRUCTURE	LENGTH	FACTOR (NB & SB)		SUBTOTALS
I-55	2607	3.6	1		3.6
I-55	2701	3.6	1		3.6
I-55	2702	3.6	1		3.6
I-55	2704	3.6	1		3.6
I-55	2705	3.6	1		3.6
I-55	4103	3.6	1		3.6
I-55	4105	3.6	1		3.6
I-55	4107	3.6	1		3.6
I-55	4109	3.6	1		3.6
I-55	4111	3.6	1		3.6
I-55	4113	3.6	1		3.6
I-55	4114	3.6	1		3.6
I-55	4209	3.6	1		3.6
I-55	4207	3.6	1		3.6
I-55	4205	3.6	1		3.6
I-55	4203	3.6	1		3.6
I-55	4403	3.6	1		3.6
I-55	4404	3.6	1		3.6
I-55	4406	3.6	1		3.6
I-55	4408	3.6	1		3.6
I-55	4408	3.6	1		3.6
I-55	4411	3.6	1		3.6
I-55	4502	3.6	1		3.6
I-55	4505	3.6	1		3.6
I-55	4507	3.6	1		3.6
I-55	4509	3.6	1		3.6
I-55	4511	3.6	1		3.6
I-55	4513	3.6	1		3.6
I-55	4515	3.6	1		3.6
I-55	4517	3.6	1		3.6
I-55	4602	3.6	1		3.6
I-55	4604	3.6	1		3.6
I-55	4606	3.6	1		3.6
I-55	4607	3.6	1		3.6
I-55	4701	3.6	1		3.6
I-55	4702	3.6	1		3.6
I-55	4704	3.6	1		3.6
I-55	4705	3.6	1		3.6

REMOVING MANHOLES					TOTAL 4 EACH
STRUCTURE ID	STATION	OFFSET	DIRECTION		SUBTOTALS
I-55	419+30.62	0.6	RT		1
I-55	476+66.13	0.2	LT		1
I-55	504+78.10	0.8	RT		1
I-55	509+39.99	0.9	RT		1

CONCRETE CURB, TYPE B						TOTAL 100 FOOT
LOCATION	STATION	OFFSET	STATION	OFFSET		Sub totals
S.B.	403+07.94	57.03 LT	403+38.24	57.03 LT		30
S.B.	508+90.81	53.51 LT	509+20.81	53.51 LT		30
N.B.	402+65.07	54.63 RT	402+74.46	54.77 RT		9.5
N.B.	508+22.02	55.24 RT	508+52.01	55.19 RT		30

**NOTE:**  
SEE STAGING AND TRAFFIC CONTROL TYPICAL SECTIONS FOR PATCHING WIDTHS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

**SCHEDULE OF QUANTITIES XI**

SCALE: N.T.S.

DATE 03/22/07

DRAWN BY KV

CHECKED BY DDH



TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

PLOT DATE = 03/22/07  
PLOT SCALE = AS SHOWN  
USER NAME = JGARCIA



SCHEDULE OF QUANTITIES

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., STA., TO STA., FED. ROAD DIST. NO., ILLINOIS, FED. AID PROJECT

Table: CONCRETE CURB, TYPE B. Columns: LOCATION, STATION, OFFSET, STATION, OFFSET, TOTAL 100 FOOT, Subtotals

Table: CONCRETE GUTTER. Columns: LOCATION, FROM STATION, TO STATION, LENGTH, (x 2), TOTAL 10977 FOOT, Subtotals

Table: STEEL PLATE BEAM GUARD RAIL, TYPE A. Columns: FROM STATION, OFFSET, TO STATION, OFFSET, LENGTH, TOTAL 650 FOOT, SUBTOTALS

Table: TRAFFIC BARRIER TERMINAL, TYPE 6. Columns: FROM STATION, OFFSET, TO STATION, OFFSET, TOTAL 1 EACH, SUBTOTALS

Table: GUARDRAIL REMOVAL. Columns: DIRECTION, STATION, OFFSET, STATION, OFFSET, LENGTH, TOTAL 10200 FOOT, SUBTOTALS

Table: REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE. Columns: DIRECTION, FROM STATION, FROM OFFSET, TO STATION, TO OFFSET, LENGTH, TOTAL 125 FOOT, SUBTOTALS

Table: DELINEATORS. Columns: FROM STATION, TO STATION, SINGLE WHITE REFLECTOR, DOUBLE WHITE REFLECTOR, TOTAL 114 FOOT, SUBTOTALS

Table: CONCRETE BARRIER TRANSITION. Columns: TRANSITIONING TO, FROM STATION, TO STATION, LENGTH, TOTAL 397 FOOT, SUBTOTALS

Table: SHOULDER RUMBLE STRIP. Columns: DIRECTION, FROM STA., TO STA., LENGTH, X4, TOTAL 70508 FOOT, SUBTOTALS

Table: PAVEMENT MARKING TAPE, TYPE III 4". Columns: DIRECTION ON I-55, FROM STA., TO STA., LINE WIDTH, LINE TYPE, LENGTH FT, LINE WIDTH FT., # of LINES, COLOR, % of TOTAL LENGT 25%, Sub totals, FOOT

Table: PAVEMENT MARKING TAPE, TYPE III 5". Columns: DIRECTION ON I-55, FROM STA., TO STA., LINE WIDTH, LINE TYPE, LENGTH FT, LINE WIDTH FT., # of LINES, COLOR, % of TOTAL LENGT 25%, Sub totals, FOOT

Table: WINTER SHUTDOWN. Columns: DIRECTION, FROM STA., TO STA., LINE WIDTH, LINE TYPE, LENGTH FT, LINE WIDTH FT., # of LINES, COLOR, % of TOTAL LENGT 25%, Sub totals, FOOT

CONTINUED IN THE NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

Table: PAVEMENT MARKING TAPE, TYPE III 5" (continued). Columns: DIRECTION ON I-55, FROM STA., TO STA., LINE WIDTH, LINE TYPE, LENGTH FT, LINE WIDTH FT., # of LINES, COLOR, % of TOTAL LENGT 25%, Sub totals, FOOT

Table: PAVEMENT MARKING TAPE, TYPE III 5" (continued). Columns: DIRECTION ON I-55, FROM STA., TO STA., LINE WIDTH, LINE TYPE, LENGTH FT, LINE WIDTH FT., # of LINES, COLOR, % of TOTAL LENGT 25%, Sub totals, FOOT

Table: WORK ZONE PAVEMENT MARKING REMOVAL. Columns: DIRECT., FROM STA., TO STA., WIDTH, TYPE, LENGTH, WIDTH, %, Subtotals, SQ FT

Table: REVISIONS. Columns: NAME, DATE

NOTE: SEE STAGING AND TRAFFIC CONTROL TYPICAL SECTIONS FOR PATCHING WIDTHS.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)
WIDENING AND RESURFACING
SCHEDULE OF QUANTITIES XII
SCALE: N.T.S. DATE 03/22/07 DRAWN BY KV CHECKED BY DDH
TENGG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

DATE = 03/22/07
PLOT DATE = 03/22/07
PLOT SCALE = 1/8" = 1'-0"
USER NAME = JUSER

SCHEDULE OF QUANTITIES

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., STA., TO STA., FED. ROAD DIST. NO., ILLINOIS, FED. AID PROJECT

WORK ZONE PAVEMENT MARKING REMOVAL TOTAL 50982 SQ FT. Table with columns: DIRECT., FROM STA., TO STA., WIDTH, TYPE, LENGTH, WIDTH, %, COLOR, Subtotals

THERMOPLASTIC PAVEMENT MARKING - LINE 12" TOTAL 2020 FOOT. Table with columns: LOCATION, FROM STA., TO STA., DISTANCE, SPACING, LENGTH, TOTAL, COLOR, Subtotals

BARRIER WALL MARKERS, TYPE C TOTAL 434.00 EACH. Table with columns: ROADWAY SECTION, STA., STA., LENGTH OF BARRIER/ PARAPET, SPACING, MIN, X2, Subtotals, TOTAL

TEMPORARY CONCRETE BARRIER TOTAL 34770 FOOT. Table with columns: LOCATION, FROM STA., OFFSET, TO STA., OFFSET, LENGTH FT, Subtotals

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" TOTAL 1467 FOOT. Table with columns: LOCATION, FROM STA., TO STA., LENGTH, Subtotals

PAVEMENT MARKING REMOVAL TOTAL 18347 SQ FT. Table with columns: DIRECTION ON I-55, FROM STA., TO STA., LINE WIDTH, LINE TYPE, LENGTH FT., LINE WIDTH FT., % of TOTAL LENGTH, Subtotals

THERMOPLASTIC PAVEMENT MARKING - LINE 4" TOTAL 70,477.00 FOOT. Table with columns: LOCATION, FROM STA., TO STA., LENGTH, COLOR, Subtotals

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" TOTAL 18,801.0 FOOT. Table with columns: LOCATION, FROM STA., TO STA., LENGTH, ADJ. FACTOR, Subtotals

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL TOTAL 872 EACH. Table with columns: LOCATION, FROM STA., TO STA., LENGTH, # OF MARKERS, Subtotals

THERMOPLASTIC PAVEMENT MARKING - LINE 8" TOTAL 4197 FOOT. Table with columns: LOCATION, FROM STA., TO STA., LENGTH, COLOR, Subtotals

RAISED REFLECTIVE PAVEMENT MARKER TOTAL 1884 EACH. Table with columns: LOCATION, FROM STA., TO STA., LENGTH, # OF MARKERS, # OF LANE LINES, Subtotals

TEMPORARY INFORMATION SIGNING TOTAL 785 SQ FT. Table with columns: LOCATION, FROM STA., TO STA., LENGTH FT, SIGNS/ MILE, NO. SIGNS, SIZE, AREA/ SIGN, Subtotals

MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR TOTAL 6612 EACH. Table with columns: LENGTH, TOTAL # BARRIERS, REFLECTORS/ BARRIER, Subtotals

REVISIONS table with columns: NAME, DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 55 (BLACK ROAD TO U.S. 30) WIDENING AND RESURFACING SCHEDULE OF QUANTITIES XIII SCALE: N.T.S. DRAWN BY KV CHECKED BY DDH TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

PLT DATE # DATE # SCALE # USER # 3-22-2007 1:35:10 GARCIAZ



SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY INFORMATION SIGNING								TOTAL	785 SQ FT
LOCATION	FROM STA.	TO STA.	LENGTH FT	SIGNS/MILE	NO. SIGNS	SIZE	AREA/SIGN	Subtotals	
NB	544+00.00				3			41	
SB	454+00.00				3			41	
SB	522+00.00				3			41	

SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING								TOTAL	185 EACH
STRUCTURE ID	STATION	OFFSET	DIRECTION					Subtotals	
2000	403+54	1.3	LT					1	
2001	403+72	1.5	LT					1	
2002	404+06	1.5	LT					1	
2003	405+10	1.5	LT					1	
2004	406+71	1.5	LT					1	
2005	408+25	1.5	LT					1	
2006	409+72	1.5	LT					1	
2007	412+38	1.5	LT					1	
2008	414+69	1.5	LT					1	
2009	415+84	1.5	LT					1	
2010	417+50	1.5	LT					1	
2071	411+17	1.5	LT					1	
2081	413+56	1.5	LT					1	
2101	419+31	1.5	LT					1	
2102	421+20	1.5	LT					1	
2103	423+70	1.5	LT					1	
2104	426+20	1.5	LT					1	
2105	428+70	1.5	LT					1	
2106	431+20	1.5	LT					1	
2107	433+70	1.5	LT					1	
2108	435+60	1.5	LT					1	
2109	437+40	1.5	LT					1	
2110	439+20	1.5	LT					1	
2111	441+70	1.5	LT					1	
2112	444+20	1.5	LT					1	
2113	446+70	1.5	LT					1	
2114	449+20	1.5	LT					1	
2115	451+70	1.5	LT					1	
2201	472+10	1.5	LT					1	
2203	470+70	1.5	LT					1	
2204	468+20	1.5	LT					1	
2205	465+70	1.5	LT					1	
2206	463+70	1.5	LT					1	
2207	461+20	1.5	LT					1	
2208	458+70	1.5	LT					1	
2209	456+20	1.5	LT					1	
2251	473+90	1.5	LT					1	
2252	475+32	1.5	LT					1	
2253	476+62	1.5	LT					1	
2254	476+77	1.5	LT					1	
2301	478+75	1.5	LT					1	
2302	480+00	1.5	LT					1	
2303	482+00	1.5	LT					1	
2304	484+45	1.5	LT					1	
2305	486+95	1.5	LT					1	
2306	488+15	1.5	LT					1	
2307	489+45	1.5	LT					1	
2308	491+00	1.5	LT					1	
2310	477+65	1.5	LT					1	
2401	492+82	1.5	LT					1	
2402	494+00	1.5	LT					1	
2403	495+40	1.5	LT					1	
2404	497+80	1.5	LT					1	
2405	499+80	1.5	LT					1	
2406	501+52	1.5	LT					1	
2407	502+87	1.5	LT					1	
2408	504+08	1.5	LT					1	
2409	504+78	1.5	LT					1	
2410	505+38	1.5	LT					1	
2411	506+68	1.5	LT					1	
2412	508+15	1.7	LT					1	
2501	509+40	1.5	LT					1	
2502	509+60	1.5	LT					1	
2503	510+48	1.5	LT					1	
2504	511+90	1.5	LT					1	
2505	513+40	1.5	LT					1	
2506	515+40	1.5	LT					1	
2507	517+40	1.5	LT					1	

STRUCTURE ID	STATION	OFFSET	DIRECTION					Subtotals
2508	519+90	1.2	LT					1
2509	522+40	0.5	RT					1
2510	524+90	0.5	RT					1
2511	527+40	0.5	RT					1
2512	529+90	0.5	RT					1
2513	532+40	0.5	RT					1
2514	534+90	0.5	RT					1
2515	537+40	0.5	RT					1
2516	539+90	0.5	RT					1
2517	541+90	0.5	RT					1
2601	545+90	0.5	RT					1
2602	546+90	0.5	RT					1
2603	549+00	0.5	RT					1
2604	551+00	0.5	RT					1
2605	552+80	0.5	RT					1
2606	554+60	0.5	RT					1
2607	556+40	0.8	LT					1
2608	556+76	1.3	LT					1
2701	559+80	1.5	LT					1
2702	562+30	1.5	LT					1
2703	564+80	1.5	LT					1
2704	567+30	1.5	LT					1
2705	569+80	1.5	LT					1
2706	572+30	1.5	LT					1
4000	403+54	1.5	RT					1
4001	403+74	1.5	RT					1
4002	404+06	1.5	RT					1
4003	405+10	1.5	RT					1
4004	406+71	1.5	RT					1
4005	408+25	1.5	RT					1
4006	409+72	1.5	RT					1
4007	412+38	1.5	RT					1
4008	414+69	1.5	RT					1
4009	415+84	1.5	RT					1
4010	417+50	1.5	RT					1
4071	411+17	1.5	RT					1
4081	413+56	1.5	RT					1
4101	419+31	1.5	RT					1
4102	421+20	1.5	RT					1
4103	423+70	1.5	RT					1
4104	426+20	1.5	RT					1
4105	428+70	1.5	RT					1
4106	431+20	1.5	RT					1
4107	433+70	1.5	RT					1
4108	435+60	1.5	RT					1
4109	437+40	1.5	RT					1
4110	439+20	1.5	RT					1
4111	441+70	1.5	RT					1
4112	444+20	1.5	RT					1
4113	446+70	1.5	RT					1
4114	449+20	1.5	RT					1
4115	451+70	1.5	RT					1
4201	472+10	1.5	RT					1
4203	470+70	1.5	RT					1
4204	468+20	1.5	RT					1
4205	465+70	1.5	RT					1
4206	463+70	1.5	RT					1
4207	461+20	1.5	RT					1
4208	458+70	1.5	RT					1
4209	456+20	1.5	RT					1
4251	473+90	1.5	RT					1
4252	475+32	1.5	RT					1
4253	476+62	1.5	RT					1
4300	477+65	1.5	RT					1
4301	478+75	1.5	RT					1
4302	480+00	1.5	RT					1
4303	482+00	1.5	RT					1
4304	484+45	1.5	RT					1
4305	486+95	1.5	RT					1
4306	488+15	1.5	RT					1
4307	489+45	1.5	RT					1
4308	491+00	1.5	RT					1
4401	492+82	1.5	RT					1
4402	494+00	1.5	RT					1
4403	495+40	1.5	RT					1
4404	497+80	1.5	RT					1
4405	499+80	1.5	RT					1
4406	501+52	1.5	RT					1
4407	502+87	1.5	RT					1
4408	504+08	1.5	RT					1
4410	505+38	1.5	RT					1
4411	506+68	1.5	RT					1
4412	508+15	1.9	RT					1
4501	509+40	2.6	RT					1
4502	509+60	2.4	RT					1

STRUCTURE ID	STATION	OFFSET	DIRECTION					Subtotals
4503	510+48	1.5	RT					1
4504	511+90	1.5	RT					1
4505	513+40	1.5	RT					1
4506	515+40	1.5	RT					1
4507	517+40	1.5	RT					1
4508	519+90	1.8	RT					1
4509	522+40	3.5	RT					1
4510	524+90	3.5	RT					1
4511	527+40	3.5	RT					1
4512	529+90	3.5	RT					1
4513	532+40	3.5	RT					1
4514	534+90	3.5	RT					1
4515	537+40	3.5	RT					1
4516	539+90	3.5	RT					1
4517	541+90	3.5	RT					1
4601	545+90	3.5	RT					1
4602	546+90	3.5	RT					1
4603	549+00	3.5	RT					1
4604	551+00	3.5	RT					1
4605	552+80	3.5	RT					1
4606	554+60	3.5	RT					1
4607	556+40	2.2	RT					1
4608	556+76	1.7	RT					1
4701	559+80	1.5	RT					1
4702	562+30	1.5	RT					1
4703	564+80	1.5	RT					1
4704	567+30	1.5	RT					1
4705	569+80	1.5	RT					1
4706	572+30	1.5	RT					1
	420+00	1.5	LT					1
	504+50	1.5	LT					1
	572+90	1.5	LT					1



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	23B
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HOT MIX ASPHALT BASE COURSE, 2 1/2"						TOTAL 68549 SQ. YD.
	STATION	STATION	LENGTH	AREA (SQ. FT)		Subtotals
	492+49.25	507+86.91	1,537.66	4,612.98		-512.55
	510+25.17	573+00.00	6,274.83	18,824.49		-2,091.61
MINUS	CONC BARRIRE TRANSITION					
	403+17.20	403+68.67		138.20		-15.36
	468+22.75	468+94.00		278.40		-30.93
	469+06.00	469+77.25		278.40		-30.93
	507+86.91	508+53.77		244.40		-27.16
	508+89.37	510+25.17		515.00		-57.22
MINUS	CONCRETE GUTTER			MEASURED		
NB & SB	402+65.07	418+00.00	1,534.93	2,547.98		-283.11
NB & SB	470+40.00	491+42.75	2,102.75	3,490.57		-387.84
NB & SB	492+49.25	511+00.00	1,850.75	3,072.25		-341.36

TEMPORARY ASPHALT WEDGE						TOTAL 1422 SQ YD
DIRECTION	DIRECTION	DIRECTION	LENGTH FT	WIDTH FT	AREA SQ FT	Subtotals
S.B.	557+00.00	573+00.00	1600.0	4.0	6400.0	711.1
N.B.	557+00.00	573+00.00	1600.0	4.0	6400.0	711.1

PLOT DATE = 03/22/07  
 PLOT SCALE = AS SHOWN  
 USER NAME = JGIBBY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**SCHEDULE OF QUANTITIES  
 XVI**

SCALE: N.T.S. DRAWN BY KV  
 DATE 03/22/07 CHECKED BY DDH

**TENG** TENGG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTINUED FROM SHEET 24

FROM STATION	TO STATION	EARTH EXCAVATION CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD	TOPSOIL EXCAVATION AND PLACEMENT CU YD	PGE, SUBGRADE CU YD
I-55 MAINLINE (STAGE I)								
559+00.00	560+00.00	85.4	77.8	72.6	38.6	34.0	0.0	0.0
560+00.00	561+00.00	87.3	77.8	74.2	35.6	38.5	0.0	0.0
561+00.00	562+00.00	89.5	77.8	76.1	28.9	47.2	0.0	0.0
562+00.00	563+00.00	92.5	77.8	78.6	22.5	56.1	0.0	0.0
563+00.00	564+00.00	94.6	77.8	80.4	18.6	61.7	0.0	0.0
564+00.00	565+00.00	94.6	77.8	80.4	19.4	61.0	0.0	0.0
565+00.00	566+00.00	93.6	77.8	79.6	22.3	57.3	0.0	0.0
566+00.00	567+00.00	92.2	77.8	78.4	25.5	52.9	0.0	0.0
567+00.00	568+00.00	90.0	77.8	76.5	29.8	46.7	0.0	0.0
568+00.00	569+00.00	88.0	77.8	74.8	35.0	39.8	0.0	0.0
569+00.00	570+00.00	86.8	77.8	73.8	40.1	33.7	0.0	0.0
570+00.00	571+00.00	85.1	77.8	72.3	44.7	27.6	0.0	0.0
571+00.00	572+00.00	83.4	77.8	70.8	44.9	26.0	0.0	0.0
572+00.00	573+00.00	41.4	38.9	35.2	21.5	13.7	0.0	0.0
573+00.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STAGE I TOTALS		15627.8	13652.2	13283.7	6399.3	6884.4	0.0	1610.1
<b>TOTALS</b>		15892.8	13878.2	13508.9	6408.4	7100.5	0.0	1610.1

PLOT DATE = #DATE\*  
 PLOT SCALE = #SCALE\*  
 USER NAME = #USER#  
 S:\DOCUMENT\0226150\1\CIVIL\CON\SC080814022.SHT  
 3-22-2007 13:59:45 GATCIANZ

REVISIONS	
NAME	DATE

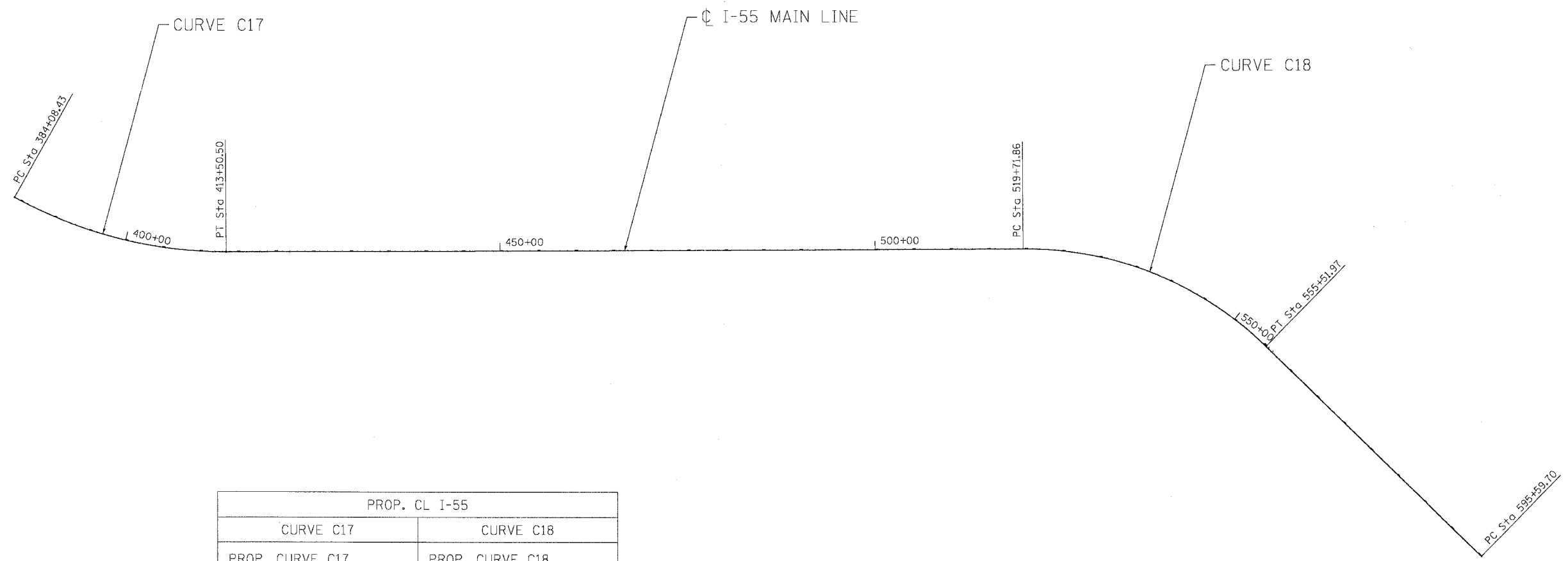
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**SCHEDULE OF QUANTITIES  
 XVIII**

SCALE: N.T.S. DRAWN BY KV  
 DATE 03/22/07 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROP. CL I-55	
CURVE C17	CURVE C18
PROP. CURVE C17	PROP. CURVE C18
PI STA. = 399+12.72	PI STA. = 538+58.11
$\Delta = 29^\circ 26' 39''$ (LT)	$\Delta = 44^\circ 35' 33''$ (RT)
D = 1° 00' 03"	D = 1° 14' 44"
R = 5,725.00'	R = 4,600.00'
T = 1,504.28'	T = 1,886.24'
L = 2,942.06'	L = 3,580.11'
E = 194.33'	E = 371.71'
P.C. STA. = 384+08.43	P.C. STA. = 519+71.86
P.T. STA. = 413+50.50	P.T. STA. = 555+51.97

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**ALIGNMENT, TIES AND BENCHMARKS**  
 I

SCALE: \_\_\_\_\_ DRAWN BY AG  
 DATE 02/23/07 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

COORDINATES

DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
CL I-55				
P.C. C17	1,771,871.139	1,025,650.280	384+08.43	0.00 FT
P.I. C17	1,773,206.496	1,026,342.879	399+12.72	194.33 FT
P.T. C17	1,774,709.836	1,026,289.590	413+50.50	0.00 FT
P.C. C18	1,785,324.534	1,025,913.333	519+71.86	0.00 FT
P.I. C18	1,787,209.594	1,025,846.513	538+58.11	371.71 FT
P.T. C18	1,788,598.891	1,027,122.354	555+51.97	0.00 FT
P.C. C19	1,791,550.750	1,029,833.150	595+59.70	0.00 FT

BENCHMARKS

<p>B.M. 3069 SQUARE CUT AT N END OF E PIER AND E EDGE OF I-80 WB PIER AND UNDER LIGHT BOX *PAB, EL. 590.48 (N 1755516.67, E 1021480.72)</p> <p>B.M. 3070 PK NAIL IN E EDGE BIT, SHOULDER 100' N OF GORE OF I-55 NB TO WB I-80, EL. 589.80 (N 1755959.92, E 1021521.02)</p> <p>B.M. 3071 SQUARE CUT ON SW CORNER OF 2' x 2' CONC LP BASE, LP *PC4 IN THE NE QUADRANT OF I-55 NB AND I-80 WB, EL. 589.44 (N 1756078.95, E 1021524.49)</p> <p>B.M. 3072 FND PK NAIL *9 IN E EDGE BIT SHOULDER 10' W OF GORE OF I-80 BW TO I-55 NB, EL.589.82 (N 1756320.54, E 1021510.64)</p> <p>B.M. 3073 PK NAIL SET IN E EP OF E FRONTAGE RD NEAR N 1/4 OF *21607, EL. 589.57</p> <p>B.M. 3074 PK NAIL SET E EP OF E FRONTAGE RD 10' N OF MAILBOX FOR *21525, EL. 589.40</p> <p>B.M. 3075 FND REBAR *8 2' E OF E EP OF E FRONTAGE RD AND ABOUT 200' S OF GRAVEL DR TO #, OPPOSITE PP W/TRANSFORMER, EL. 589.89</p> <p>B.M. 3076 PK NAIL IN E EP OF E FRONTAGE RD AND 7' N OF MAIL BOX *21363, EL. 590.80</p> <p>B.M. 3077 PK NAIL SET IN E EP OF E FRONTAGE RD OPPOSITE PP, 1ST PP S OF LARGE SIGN W/3 SUPPORT POST, EL. 591.38</p> <p>B.M. 3078 PK NAIL IN E EP OF E FRONTAGE RD OPPOSITE GREEN MAIL BOX AND 10' N OF LAST GRAVEL DR BEFORE RTE 59, EL. 590.64</p> <p>B.M. 3079 SQUARE CUT ON W SIDE S OF 2' DIA. CONC BASE FOR SIGN EXIT 251 (IL 59 SHOREWOOD-PLAINFIELD 1/2 MILE), EL. 587.76</p> <p>B.M. 3080 FND REBAR 2' E OF E EP OF E FRONTAGE RD AND 100' N OF ABOVE SIGN, EL. 588.13</p> <p>B.M. 3081 SQUARE CUT ON HEADWALL OF 24" CMP ON E SIDE OF E FRONTAGE RD IN LOW WET AREA. 24" CMP RUNS UNDER FRONTAGE RD BUT NOT I-55, EL. 584.90</p> <p>B.M. 3082 FND PK NAIL W EP OF E FRONTAGE RD "TENG #410" AND ABOUT 100' S OF "NATURAL GAS LINE CROSSING", EL. 587.96</p> <p>B.M. 3083 FND PK NAIL "TENG #412" W EP OF E FRONTAGE RD AND ABOUT 150' N OF "NATURAL GAS LINE CROSSING", EL. 591.43</p> <p>B.M. 3084 FND PK NAIL "TENG #414" IN W EP OF E FRONTAGE RD AND IN MIDDLE OF 4" GAS LINE CROSSING AND ABOUT 500' S OF RTE 54 RTE 59 OVERHEAD SIGN, EL. 594.57</p> <p>B.M. 3085 SQUARE CUT ON W SIDE 4' DIA LP CONC BASE ABOUT 200' S OF OVERHEAD SIGN "RT 30" 1 MILE RTE 59, EL. 594.95 (N 1761950.005, E 1021365.626)</p> <p>B.M. 3086 SQUARE CUT TOP AND CENTER OF S EDGE OF 2' x 10' CONC FD OF OVERHEAD SIGN "EXIT 253 RTE 52 1 MILE / EXIT 251 RTE 59" AT RTE 59 EXIT RAMP, EL. 597.03 (N 1762196.801, E 1021370.072)</p> <p>B.M. 3087 FND REBAR "CP #2" ON W. ROW I-55 AND ABOUT 50' S OF OVERHEAD SIGN W AND ABOUT 150' N OF MP 97.9 SIGN OF NATURAL GAS LINE, EL. 593.68</p> <p>B.M. 3088 PK NAIL E EP OF W FRONTAGE RD OPPOSITE 33087, EL. 596.13</p> <p>B.M. 3089 PK NAIL W EP OF W FRONTAGE RD I-55 AND ABOUT 100' N OF LP #3-0CD1 ABOUT 400' S OF WILL 621, EL. 594.86</p> <p>B.M. 3090 SQUARE CUT ON S EDGE 4' DIA. CONC LP BASE *4-0CD2 BETWEEN RTE 59 ENTRANCE RAMP AND SB I-55 AND 1ST LP S OF RTE 59, EL. 593.72 (N 1763233.649, E 1021321.982)</p> <p>B.M. 3091 PK NAIL W BIT SHOULDER OF I-55 SB AND ABOUT 400' S OF RTE 59 BRIDGE, EL. 597.11</p> <p>B.M. 3092 SQUARE CUT ON TOP AND MIDDLE AND N EDGE OF S 1/2 OF CENTER PIER OF RTE 59 FLYOVER BRIDGE AND AT "TENG STA. 1140+00", EL. 599.15 (N 1764024.646, E 1021631.306)</p> <p>B.M. 3093 PK NAIL E EP SHOULDER OF I-55 NB, 300 N OF RTE 59 BRIDGE AND AT MP 252 SIGN, EL. 597.52 (N 1764353.512, E 1021824.719)</p> <p>B.M. 3094 SQUARE CUT TOP HEADWALL OF 18" P CULVERT ON E SIDE OF E FRONTAGE RD ABOUT 600' N RTE 59 FLYOVER BRIDGE, EL. 596.09 (N 1764429.128, E 1021942.974)</p> <p>B.M. 3095 SQUARE CUT S EDGE OF E 2' DIA CONC BASE SIGN FOR "EXIT 253 SHORE WOOD-JOLIET 1/2 MILE", EL. 598.47 (N 1764879.556, E 1022121.727)</p> <p>B.M. 3096 PK NAIL E EP OF E FRONTAGE RD OPPOSITE OLD GRAVEL DR TO E AND I-55 NB SIGN "OFF-TRACK WAGERING FACILITY EXIT 253", EL. 593.84</p>	<p>B.M. 3097 SQUARE CUT E EDGE OF 2' DIA CONC BASE SIGN "GAS-EXIT 253 PHILLIPS 66- SHELL- AMOCO", EL. 601.00 (N 1765612.170, E 1022501.210)</p> <p>B.M. 3098 PK NAIL E EP OF E FRONTAGE RD AND ABOUT 200' S OF OLD BIT DR WITH CURBS AND W OF 2 TALL CELL PHONE TOWERS, EL.601.49</p> <p>B.M. 3099 PK NAIL E EP OF FRONTAGE RD AT RISE IN HILL AND WITH 2 TALL CELL TOWERS TO EAST, EL. 601.30</p> <p>B.M. 3100 FND SQUARE CUT TOP AND E END OF S HEADWALL 15" CMP UNDER BIT DR TO ELKS MOTOR INN LODGE ON E FRONTAGE RD, EL. 599.28</p> <p>B.M. 3101 PK NAIL E EP OF E FRONTAGE RD 150' N OF ELKS DR., EL. 593.76</p> <p>B.M. 3102 PK NAIL E EP OF E FRONTAGE RD 400' OF ELKS DR, EL. 586.62</p> <p>B.M. 3103 PK NAIL E EP OF BIT SHOULDER OF I-55, 300' S OF RTE 52 EXIT RAMP AT S END OF GR AND 50' N OF LP *N08 AND MP 252.58, EL. 583.24 (N 1767096.33, E 1023252.907)</p>
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D247 1960 USGS (NAVD 88) EL. 543.27  
BRASS DISC ON TOP OF W END OF CONC ABUT., AT THE N END OF NB LANES, I-55 BRIDGE OVER DES PLAINES RIVER

MC11 USGS, 1952 RESET 1990, EL. 584.503  
BRASS CAP ON TOP AT N END OF SOUTHERLY PARAPHET WALL ON THE W SIDE OF US RTE 52 BRIDGE OVER DUPAGE RIVER

NOTE:  
THE LOCATION AND DESCRIPTION OF ADDITIONAL BENCHMARKS ARE PRESENTED AS CONTROL POINTS (TP1 - TP40) ON ATTACHED SHEETS 29 - 32

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

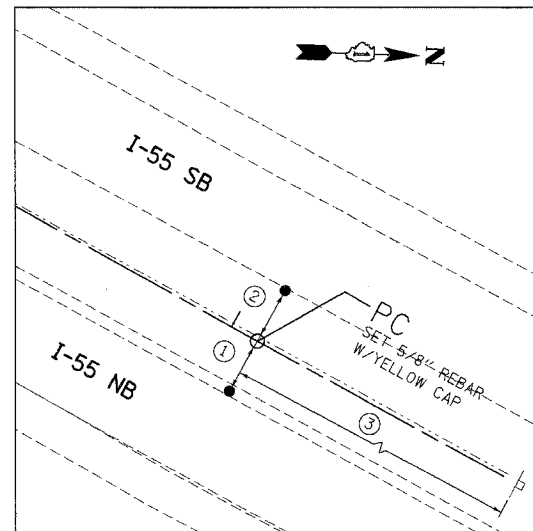
**ALIGNMENT, TIES AND BENCHMARKS II**

SCALE: DATE 02/23/07 DRAWN BY AG CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

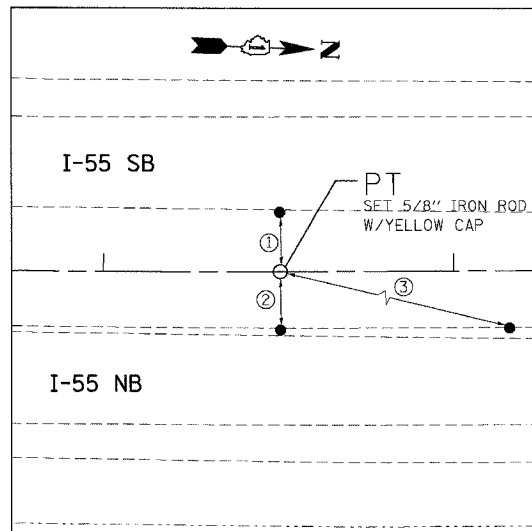
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



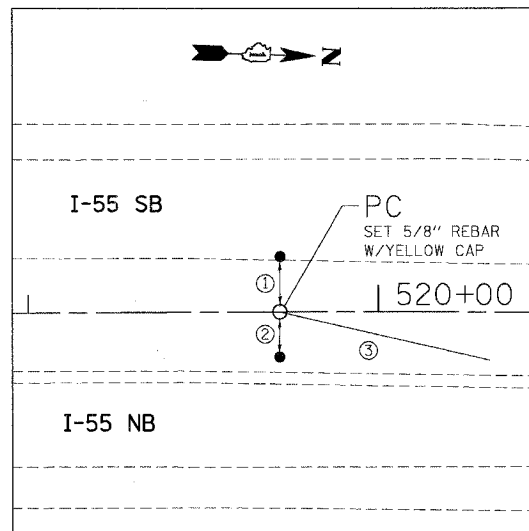
PC STA. 384+08.43

- ① PK NAIL, W. E.P. SHLDR ON NB, 16.39'
- ② PK NAIL, E. E.P. SHLDR ON SB, 16.44'
- ③ PK NAIL, E. FACE OF WD POST, 160.77'



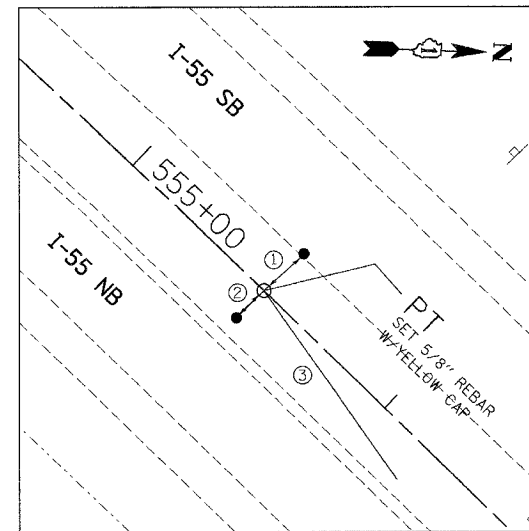
PT STA. 413+50.50

- ① PK NAIL, E. E.P. OF SHLDR ON SB I-55 OPPOSITE P.T., 17.305'
- ② PK NAIL, W. E.P. OF SHLDR ON NB I-55 OPPOSITE P.T., 16.747'
- ③ PK NAIL, W. E.P. OF SHLDR ON NB I-55 OPPOSITE SURFACE DRAIN TO CENTER MEDIAN, 130.54'



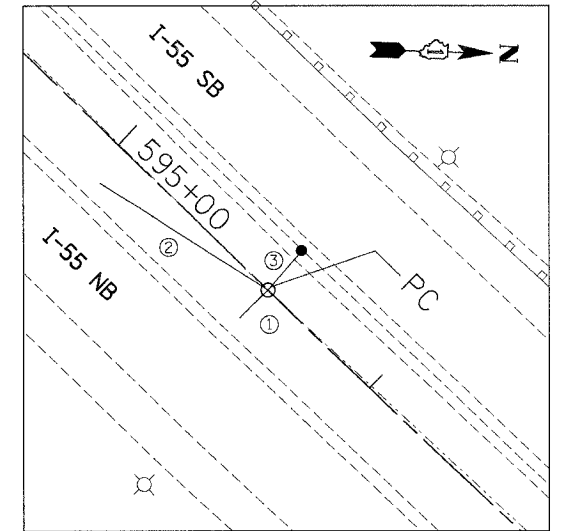
PC STA. 519+71.86

- ① PK NAIL, SHLDR E.P. OF SB I-55, 15.964'
- ② PK NAIL, ON TOP OF POST SPACER TO GR W, 12.796'
- ③ PK NAIL, ON 10TH I-BEAM N. OF TIE # 2, 61.467'



PT STA. 555+51.97

- ① PK NAIL, E. E.P. SB I-55 OPP. P.T., 15.601'
- ② PK NAIL, TOP OF WD. POST SPACER ON GR., 11.095'
- ③ PK NAIL, ON 10TH WD. POST SPACER ON GR NE'LY OF TIE # 2, 65.809'



PC STA. 595+59.70

- ① PK NAIL, ON TOP OF WD. SPACER TO GR. W. SIDE OF NB I-55, 11.215'
- ② PK NAIL, ON TOP OF WD. SPACER TO GR ON 10TH POST S. OF TIE # 1, 56.874'
- ③ PK NAIL, E.P. TO SHLDR OF SB I-55, 15.493'

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 FILE NAME = 022307.DWG  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = 022307

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

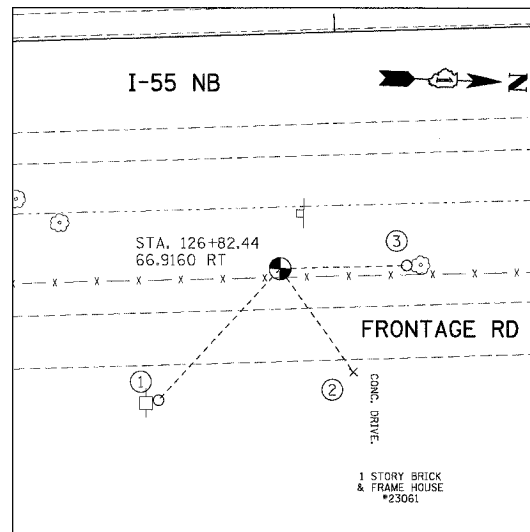
**ALIGNMENT, TIES AND BENCHMARKS III**

SCALE: N.T.S. DRAWN BY SB

DATE 02/23/07 CHECKED BY DDH

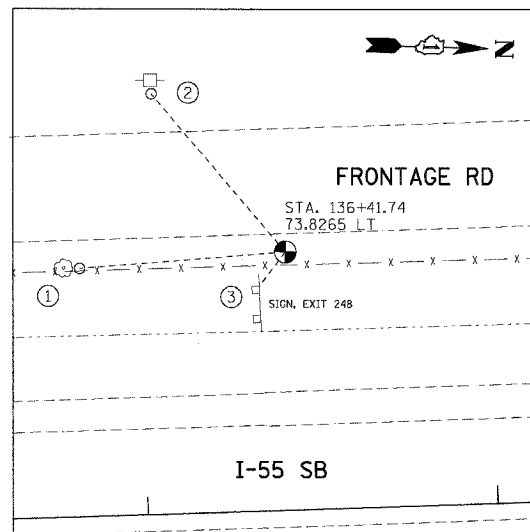
**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



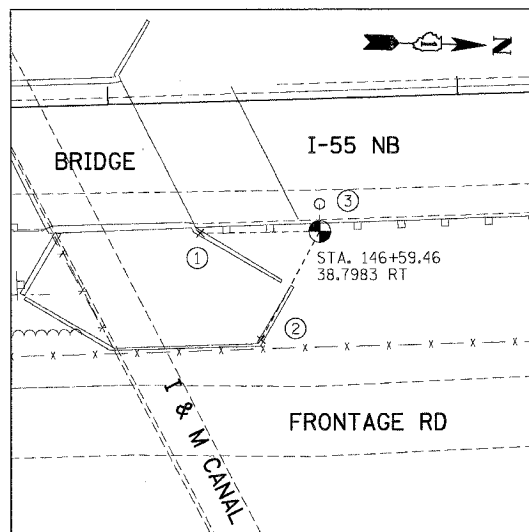
TP1

- (N 1747171.665, E 1021895.312, ELEV. 537.694)
- ① PK NAIL ON WEST FACE OF POWER POLE, 70.70'
  - ② CUT CROSS IN CONC. DRIVEWAY, 52.12'
  - ③ PK NAIL ON SOUTH FACE OF 12" TREE, 36.18'



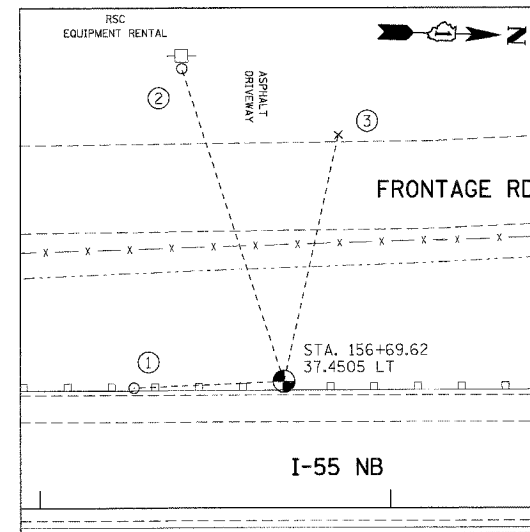
TP2

- (N 1748118.259, E 1021602.430, ELEV. 527.049)
- ① PK NAIL ON EAST FACE OF 10" TREE, 44.45'
  - ② PK NAIL ON WEST FACE OF POWER POLE, 59.00'
  - ③ NEAREST CORNER OF SIGN POST, 12.30'



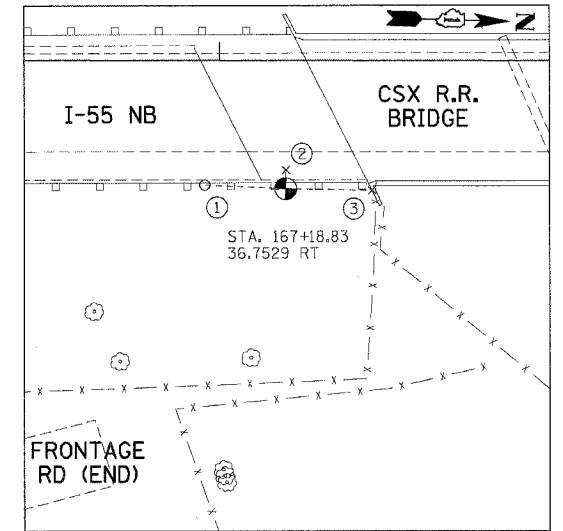
TP3

- (N 1749143.319, E 1021747.490, ELEV. 536.290)
- ① CUT CROSS ON TOP OF CONC. WALL, 34.20'
  - ② CUT CROSS ON TOP OF CONC. WALL, 35.25'
  - ③ PK NAIL IN ASPH. SHOULDER, 7.86'



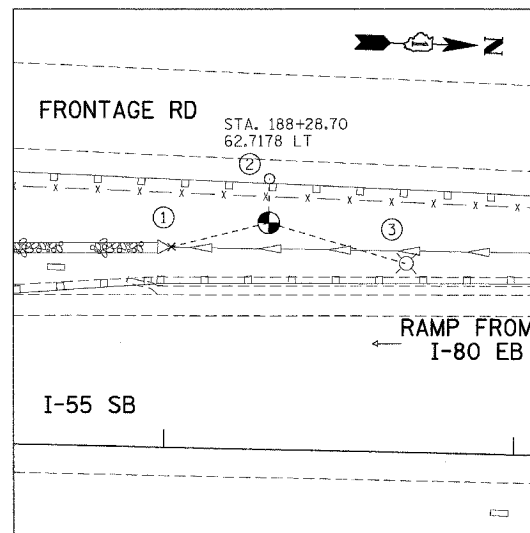
TP4

- (N 1750146.468, E 1021525.206, ELEV. 558.007)
- ① PK NAIL IN ASPHALT, 42.86'
  - ② PK NAIL ON EAST FACE OF POWER POLE, 93.72'
  - ③ CUT CROSS ON TOP OF CONC. CURB, 71.98'



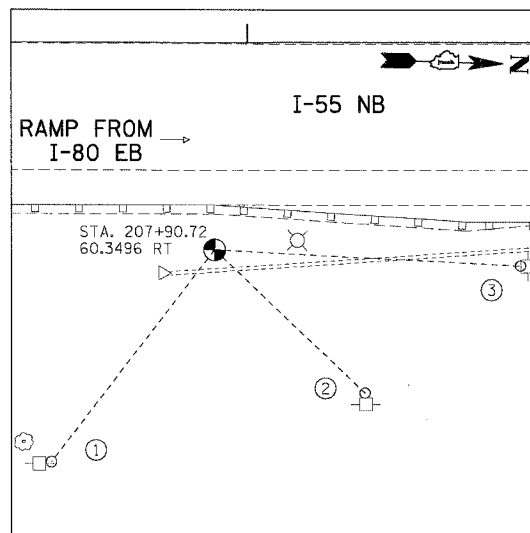
TP5

- (N 1751199.973, E 1021668.568, ELEV. 577.182)
- ① PK NAIL IN ASPHALT, 23.15'
  - ② CUT CROSS IN BRIDGE DECK, 5.35'
  - ③ CUT CROSS ON TOP OF WINGWALL, 24.65'



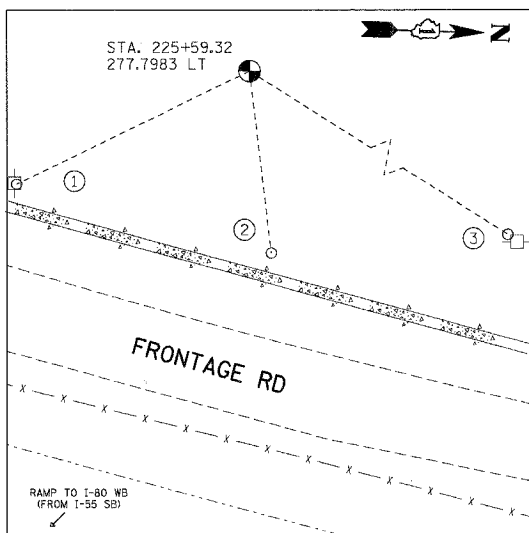
TP6

- (N 1753305.294, E 1021429.772, ELEV. 573.834)
- ① CUT CROSS ON TOP OF RCP 40", 28.60'
  - ② PK NAIL IN ASPHALT, 12.50'
  - ③ SOUTH FACE OF LIGHT POLE, 40.50'



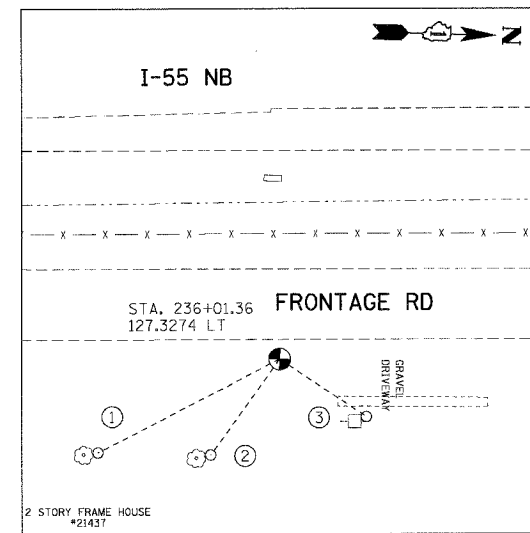
TP7

- (N 1755270.636, E 1021567.644, ELEV. 585.682)
- ① PK NAIL ON NORTH FACE OF POWER POLE, 76.45'
  - ② PK NAIL ON WEST FACE OF POWER POLE, 59.20'
  - ③ PK NAIL ON SOUTH FACE OF POWER POLE, 87.50'



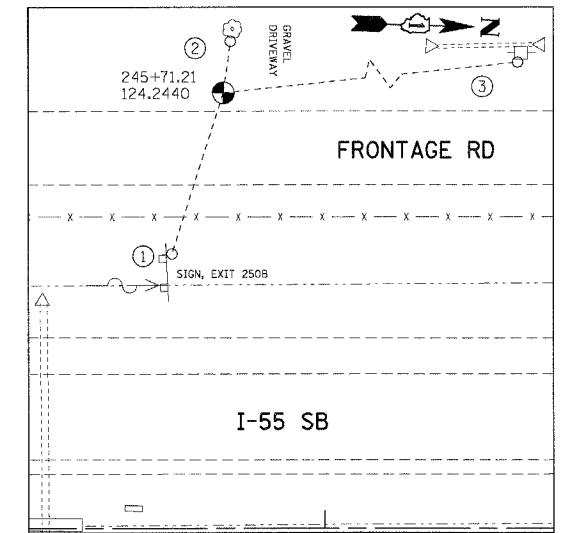
TP8

- (N 1757027.413, E 1021155.818, ELEV. 595.624)
- ① PK NAIL ON NORTH FACE OF POWER POLE, 74.05'
  - ② WILLTEL STAND. PIPE, 52.34'
  - ③ PK NAIL ON SOUTH FACE OF POWER POLE, 139.20'



TP9

- (N 1758081.471, E 1021528.564, ELEV. 589.434)
- ① PK NAIL ON NORTH FACE OF 14" TREE, 58.37'
  - ② PK NAIL ON NORTH FACE OF 24" TREE, 33.75'
  - ③ PK NAIL ON NORTH FACE OF POWER POLE, 29.65'



TP10

- (N 1759043.088, E 1021247.156, ELEV. 591.034)
- ① NEAREST CORNER OF SIGN POST, 48.17'
  - ② PK NAIL ON EAST FACE OF 26" TREE, 14.90'
  - ③ PK NAIL ON EAST FACE OF POWER POLE, 161.26'

NOTE:  
ALL CONTROL POINTS ON THIS SHEET WERE  
SET WITH 2" IRON ROD WITH YELLOW CAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

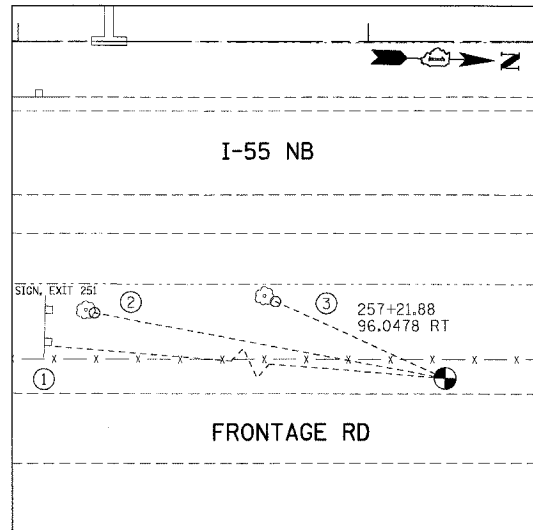
**ALIGNMENT, TIES AND BENCHMARKS IV**

SCALE: N.T.S. DRAWN BY SB  
DATE 02/23/07 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

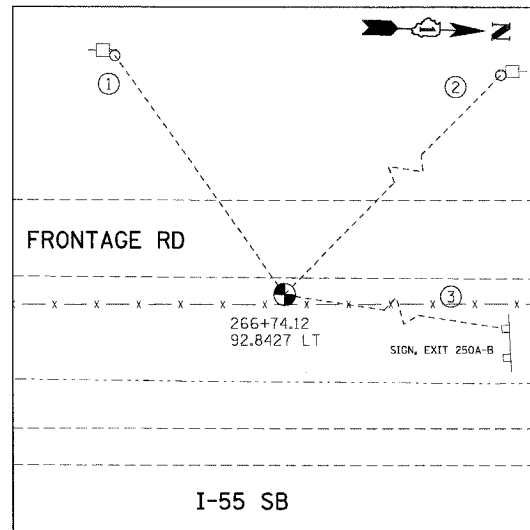
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



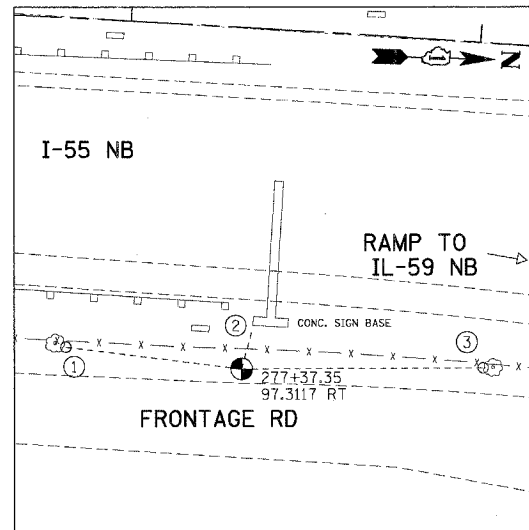
TP11

- (N 1760200.014, E 1021431.801, ELEV. 586.597)
- ① NEAREST CORNER OF SIGN POST, 318.80'
  - ② PK NAIL ON NORTH FACE OF 10" TREE, 101.80'
  - ③ PK NAIL ON NORTH FACE OF 12" TREE, 53.14'



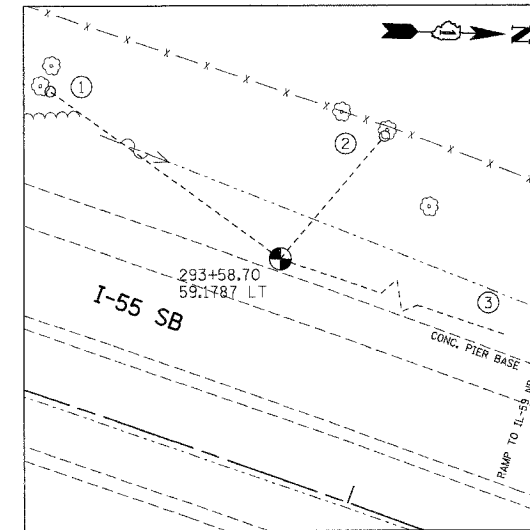
TP12

- (N 1761145.966, E 1021213.588, ELEV. 590.855)
- ① PK NAIL ON NORTH FACE OF POWER POLE, 83.45'
  - ② PK NAIL ON SOUTH FACE OF POWER POLE, 179.20'
  - ③ NEAREST CORNER OF SIGN POST, 227.45'



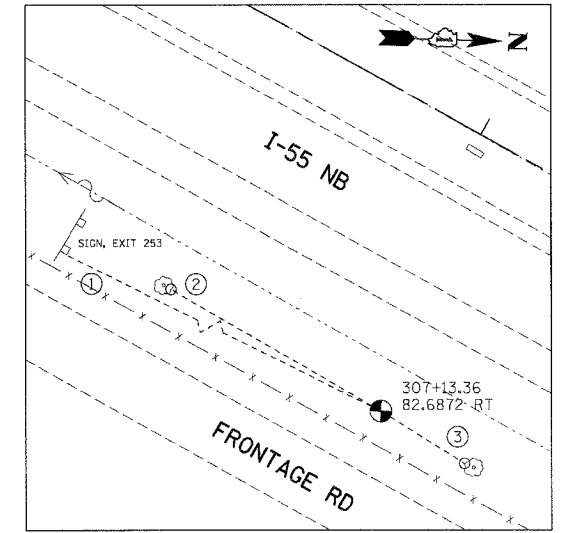
TP13

- (N 1762208.792, E 1021381.377, ELEV. 596.094)
- ① PK NAIL ON NORTH FACE OF 14" TREE, 50.53'
  - ② NEAREST CORNER OF CONC. SIGN BASE, 12.20'
  - ③ PK NAIL ON EAST FACE OF 16" TREE, 68.97'



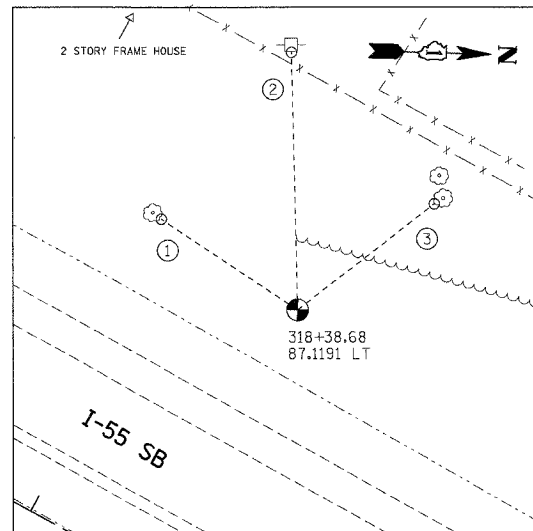
TP14

- (N 1763822.452, E 1021501.351, ELEV. 596.851)
- ① PK NAIL ON NORTH FACE OF 12" TREE, 81.23'
  - ② PK NAIL ON EAST FACE OF 12" TREE, 45.72'
  - ③ CORNER OF CONC. PIER BASE, 274.15'



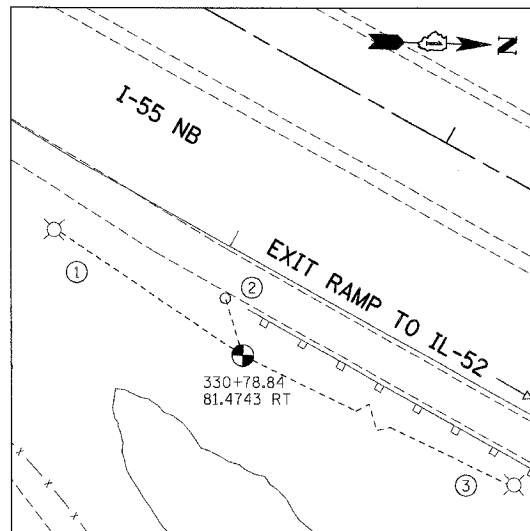
TP15

- (N 1765002.134, E 1022180.735, ELEV. 597.966)
- ① NEAREST CORNER OF SIGN POST, 134.40'
  - ② PK NAIL ON NORTH FACE OF 10" TREE, 69.33'
  - ③ PK NAIL ON SOUTH FACE OF 6" TREE, 28.16'



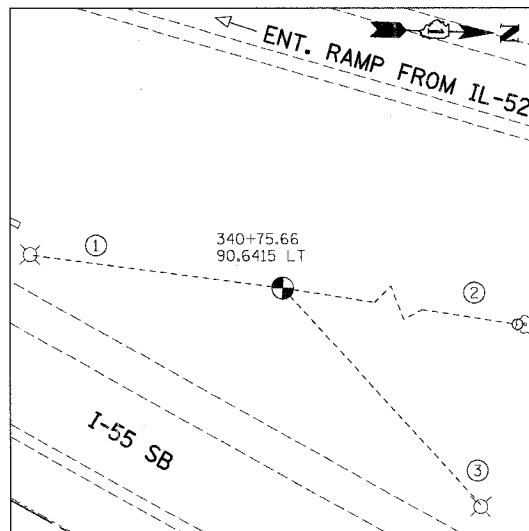
TP16

- (N 1766079.260, E 1022548.112, ELEV. 601.281)
- ① PK NAIL ON NORTH FACE OF 12" TREE, 46.70'
  - ② PK NAIL ON EAST FACE OF POWER POLE, 73.70'
  - ③ PK NAIL ON EAST FACE OF 48" TREE, 49.40'



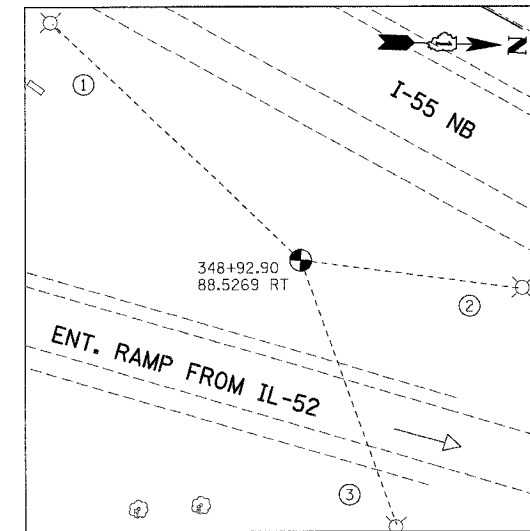
TP17

- (N 1767102.532, E 1023268.763, ELEV. 580.810)
- ① NEAREST FACE OF LIGHT POLE, 62.45'
  - ② PK NAIL IN ASPHALT, 17.10'
  - ③ NEAREST FACE OF LIGHT POLE, 109.30'



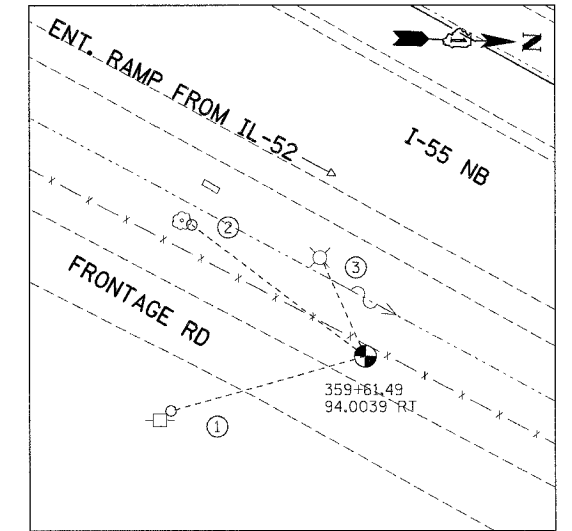
TP18

- (N 1768066.661, E 1023574.931, ELEV. 582.146)
- ① NEAREST FACE OF LIGHT POLE, 72.60'
  - ② PK NAIL ON SOUTH FACE OF 32" TREE, 128.60'
  - ③ NEAREST FACE OF LIGHT POLE, 83.55'



TP19

- (N 1768709.630, E 1024110.251, ELEV. 580.954)
- ① NEAREST FACE OF LIGHT POLE, 97.90'
  - ② NEAREST FACE OF LIGHT POLE, 63.85'
  - ③ NEAREST FACE OF LIGHT POLE, 80.10'



TP20

- (N 1769655.699, E 1024607.111, ELEV. 580.554)
- ① PK NAIL ON NW FACE OF POWER POLE, 57.60'
  - ② PK NAIL ON NORTH FACE OF 14" TREE, 62.10'
  - ③ NEAREST FACE OF LIGHT POLE, 30.40'

NOTE:  
ALL CONTROL POINTS ON THIS SHEET WERE SET WITH 2" IRON ROD WITH YELLOW CAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

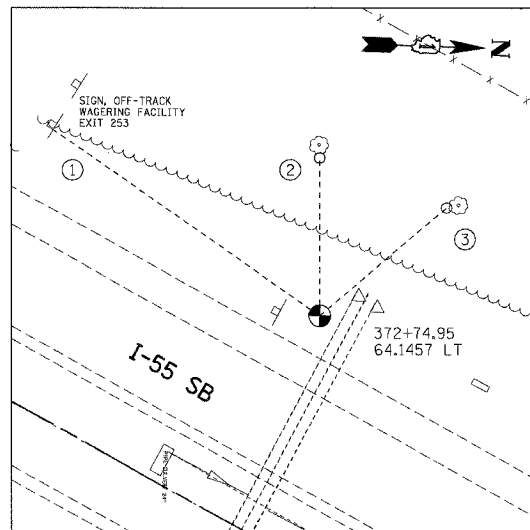
ALIGNMENT, TIES AND BENCHMARKS

SCALE: N.T.S. DRAWN BY SB  
DATE 02/23/07 CHECKED BY DDH

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

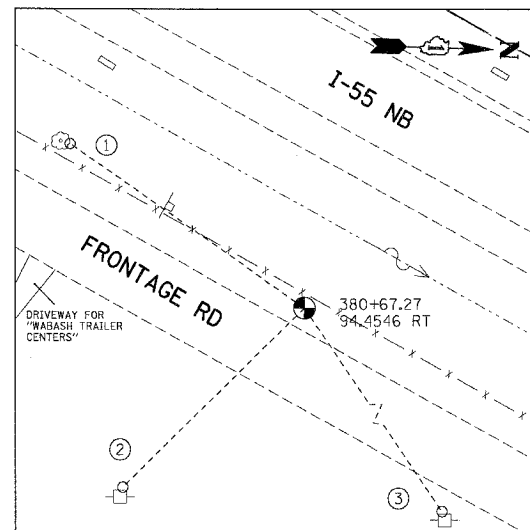
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 99 (1&2)	WRS-2	WILL	228	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



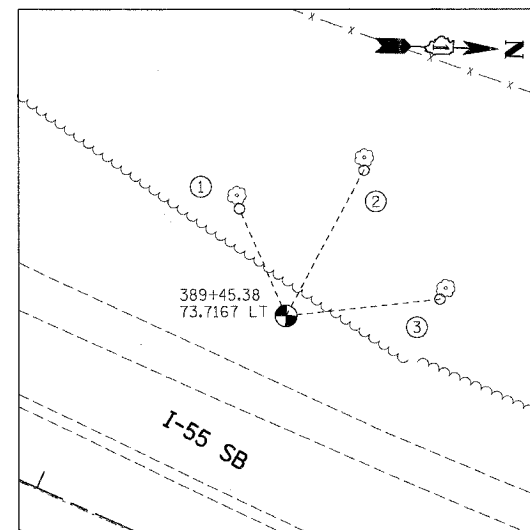
TP21

- (N 1770894.475, E 1025071.461, ELEV. 580.457)  
 ① NEAREST CORNER OF SIGN POST, 94.35'  
 ② PK NAIL ON WEST FACE OF 12" TREE, 45.05'  
 ③ PK NAIL ON SOUTH FACE OF 14" TREE, 47.50'



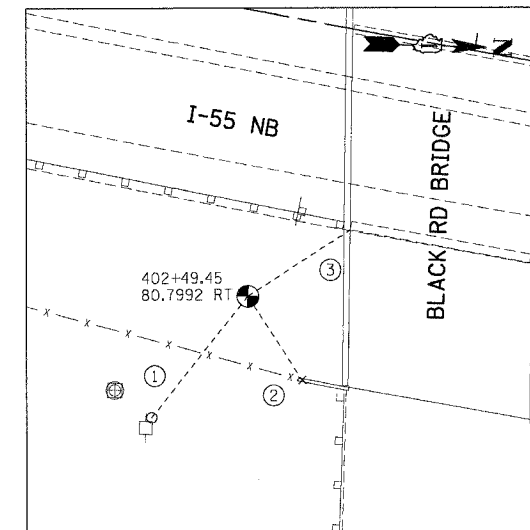
TP22

- (N 1771524.797, E 1025577.049, ELEV. 581.842)  
 ① PK NAIL ON NORTH FACE OF 16" TREE, 81.65'  
 ② PK NAIL ON WEST FACE OF POWER POLE, 72.95'  
 ③ PK NAIL ON WEST FACE OF POWER POLE, 143.05'



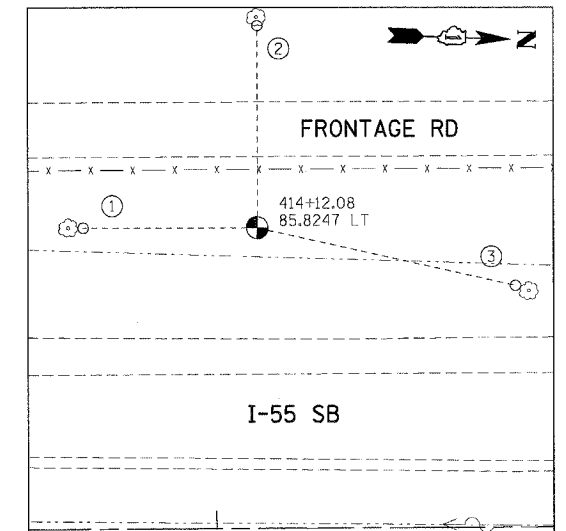
TP23

- (N 1772386.338, E 1025806.470, ELEV. 579.479)  
 ① PK NAIL ON EAST FACE OF 16" TREE, 33.30'  
 ② PK NAIL ON EAST FACE OF 12" TREE, 47.20'  
 ③ PK NAIL ON EAST FACE OF 28" TREE, 44.20'



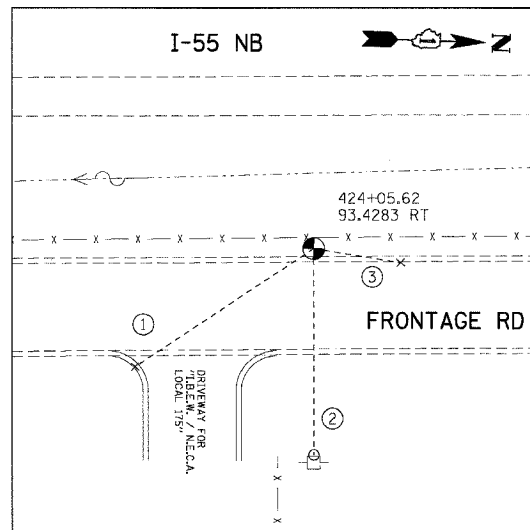
TP24

- (N 1773599.891, E 1026302.676, ELEV. 588.101)  
 ① PK NAIL ON WEST FACE OF POWER POLE, 44.20'  
 ② CUT CROSS ON TOP OF BRIDGE WING WALL, 28.60'  
 ③ NEAREST CORNER OF CONCRETE PIER BASE, 34.80'



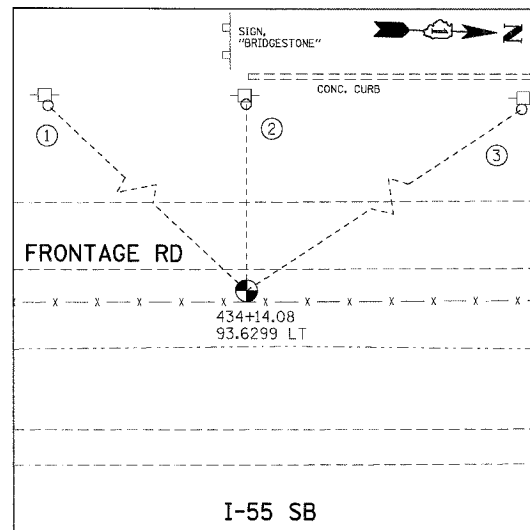
TP25

- (N 1774768.339, E 1026201.638, ELEV. 581.191)  
 ① PK NAIL ON NORTH FACE OF 26" TREE, 49.70'  
 ② PK NAIL ON WEST FACE OF 24" TREE, 60.70'  
 ③ PK NAIL ON SOUTH FACE OF 14" TREE, 75.50'



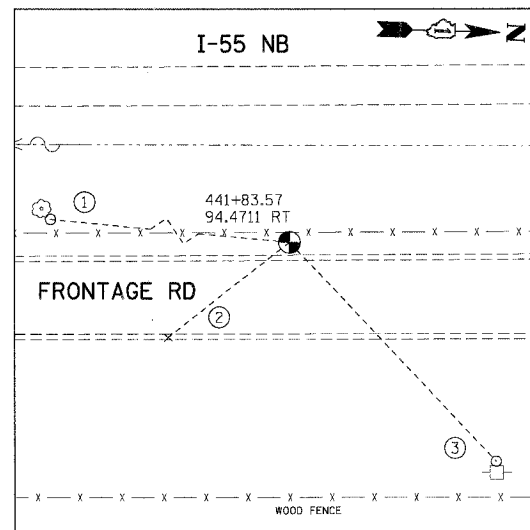
TP26

- (N 1775767.608, E 1026345.581, ELEV. 590.522)  
 ① CUT CROSS SET ON TOP OF CURB, 61.10'  
 ② PK NAIL ON WEST FACE OF POWER POLE, 58.80'  
 ③ CUT CROSS SET ON TOP OF CURB, 25.10'



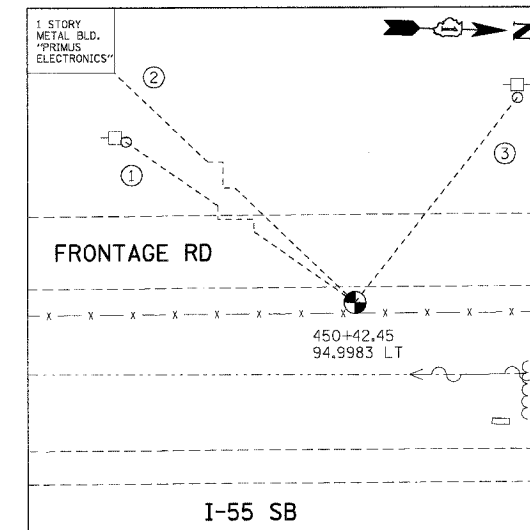
TP27

- (N 1776768.806, E 1026122.916, ELEV. 591.174)  
 ① PK NAIL ON EAST FACE OF POWER POLE, 99.90'  
 ② PK NAIL ON EAST FACE OF POWER POLE, 53.50'  
 ③ PK NAIL ON EAST FACE OF POWER POLE, 121.63'



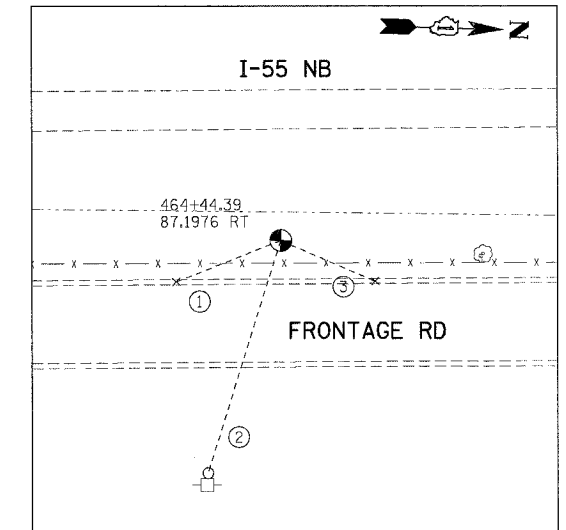
TP28

- (N 177544.478, E 1026283.640, ELEV. 598.777)  
 ① PK NAIL ON EAST FACE OF 22" TREE, 117.40'  
 ② CUT CROSS ON TOP OF CURB, 44.00'  
 ③ PK NAIL ON WEST FACE OF POWER POLE, 85.90'



TP29

- (N 1778396.107, E 1026063.864, ELEV. 595.111)  
 ① PK NAIL ON NORTH FACE OF POWER POLE, 161.41'  
 ② NEAREST CORNER OF BUILDING, 260.10'  
 ③ PK NAIL ON SURFACE OF POWER POLE, 74.90'



TP30

- (N 1779803.620, E 1026196.284, ELEV. 590.699)  
 ① CUT CROSS ON TOP OF CURB, 32.10'  
 ② PK NAIL ON WEST FACE OF POWER POLE, 69.30'  
 ③ CUT CROSS ON TOP OF CURB, 29.40'

NOTE:  
 ALL CONTROL POINTS ON THIS SHEET WERE  
 SET WITH 2" IRON ROD WITH YELLOW CAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

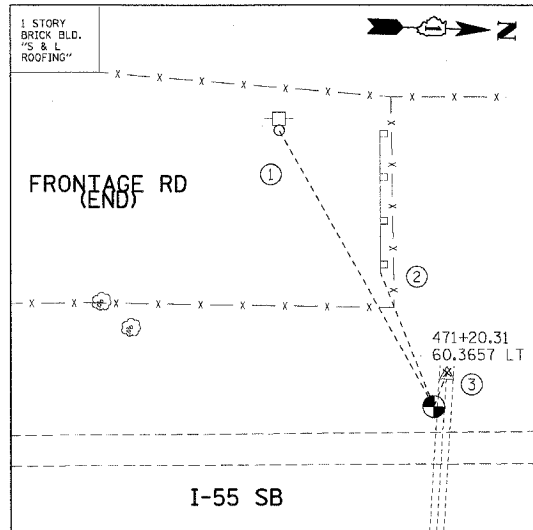
**ALIGNMENT, TIES AND BENCHMARKS VI**

SCALE: N.T.S. DRAWN BY SB  
 DATE 02/23/07 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

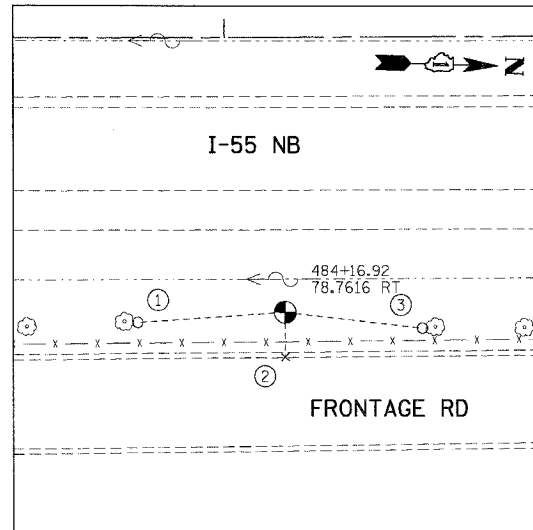
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 FILE NAME = 02SCALE  
 PLOT SCALE = 02SCALE  
 USER NAME = RUBEN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



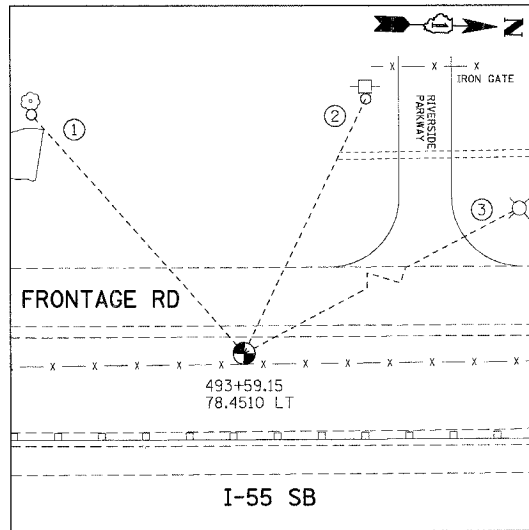
TP31

- (N 1780473.889, E 1026024.869, ELEV. 590.948)  
 ① PK NAIL ON EAST FACE OF POWER POLE, 90.30'  
 ② EAST END OF GUARDRAIL, 40.90'  
 ③ CROSS CUT ON TOP OF CULVERT (48" RCP), 10.30'



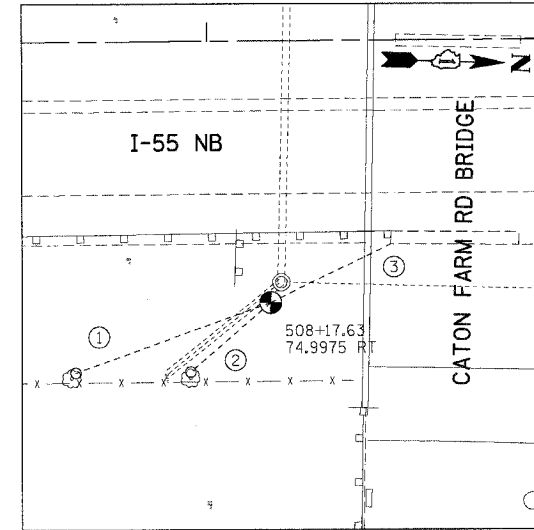
TP32

- (N 1781774.617, E 1026117.977, ELEV. 590.111)  
 ① PK NAIL ON NORTH FACE OF 14" TREE, 42.10'  
 ② CROSS CUT ON TOP OF CURB, 12.70'  
 ③ PK NAIL ON SOUTH FACE OF 14" TREE, 39.35'



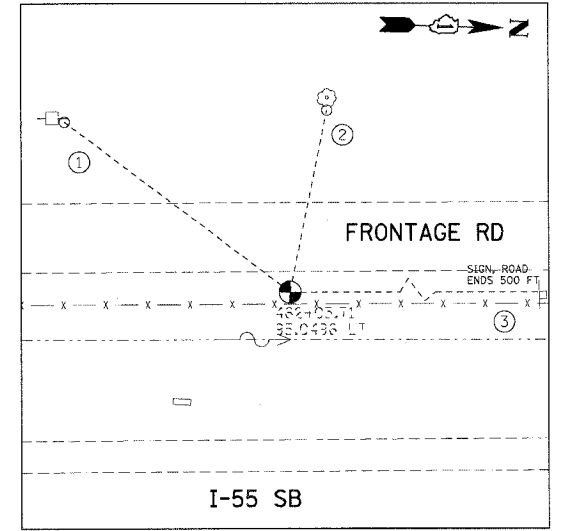
TP33

- (N 1782710.684, E 1025927.485, ELEV. 593.501)  
 ① PK NAIL ON EAST FACE OF 14" TREE, 91.21'  
 ② PK NAIL ON EAST FACE OF POWER POLE, 80.63'  
 ③ NEAREST FACE OF LIGHT POLE, 123.90'



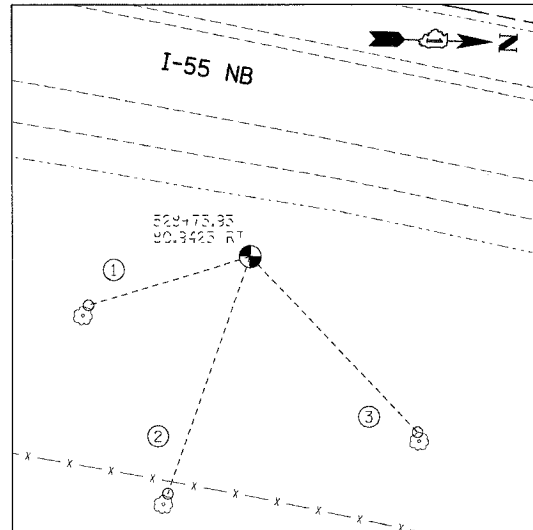
TP34

- (N 1784173.688, E 1026029.171, ELEV. 594.050)  
 ① PK NAIL ON WEST FACE OF 10" TREE, 58.95'  
 ② PK NAIL ON WEST FACE OF 16" TREE, 30.10'  
 ③ NEAREST CORNER OF CONC. PIER BASE, 38.40'



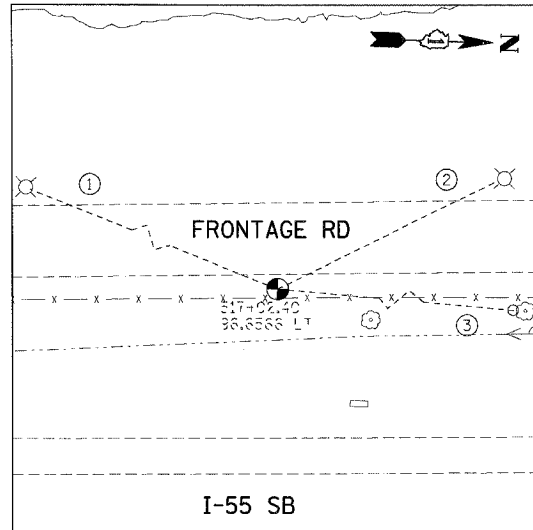
TP35

- (N 1779556.639, E 1026022.677, ELEV. 591.351)  
 ① PK NAIL ON NORTH FACE OF POWER POLE, 80.45'  
 ② PK NAIL ON EAST FACE OF 8" TREE, 63.00'  
 ③ NEAREST CORNER OF SIGN POST, 232.20'



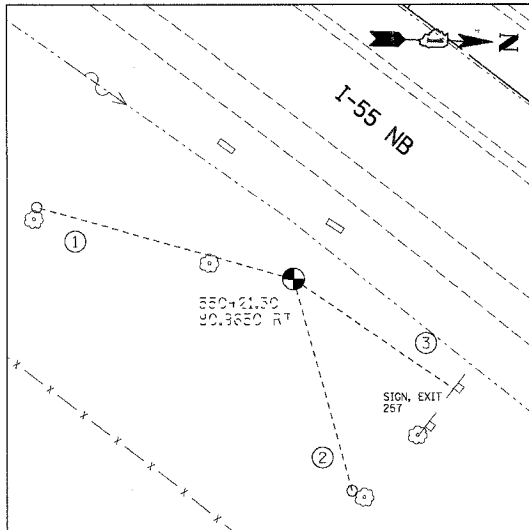
TP36

- (N 1786210.447, E 1026049.592, ELEV. 613.010)  
 ① PK NAIL ON WEST FACE OF 12" TREE, 48.10'  
 ② PK NAIL ON WEST FACE OF 16" TREE, 71.30'  
 ③ PK NAIL ON WEST FACE OF 20" TREE, 69.00'



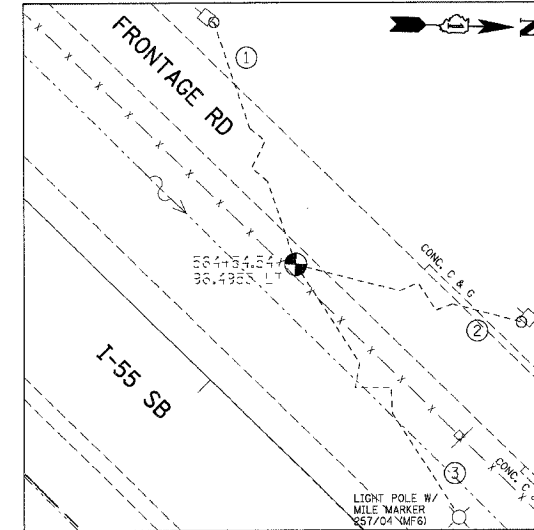
TP37

- (N 178505.820, E 1025826.282, ELEV. 591.733)  
 ① PK NAIL ON NEAREST FACE OF LIGHT POLE, 115.26'  
 ② PK NAIL ON NEAREST FACE OF LIGHT POLE, 70.05'  
 ③ PK NAIL ON SOUTH FACE OF 8" TREE, 85.00'



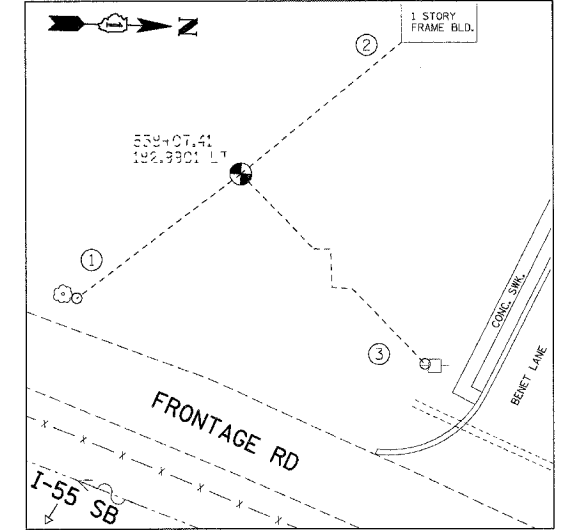
TP38

- (N 1788140.673, E 1026852.265, ELEV. 622.426)  
 ① PK NAIL ON WEST FACE OF 12" TREE, 75.80'  
 ② PK NAIL ON SOUTH FACE OF 40" TREE, 62.60'  
 ③ NEAREST CORNER OF SIGN POST, 56.70'



TP39

- (N 1789328.938, E 1027661.770, ELEV. 615.232)  
 ① PK NAIL ON NORTH FACE OF POWER POLE, 107.75'  
 ② PK NAIL ON EAST FACE OF POWER POLE, 93.25'  
 ③ NEAREST FACE OF LIGHT POLE, 119.10'



TP40

- (N 1787188.516, E 102604.155, ELEV. 627.130)  
 ① PK NAIL ON NORTH FACE OF 12" TREE, 58.60'  
 ② NEAREST CORNER OF BUILDING, 59.00'  
 ③ PK NAIL ON SOUTH FACE OF POWER POLE, 101.50'

PLOT DATE = #DATE#  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

NOTE:  
 ALL CONTROL POINTS ON THIS SHEET WERE  
 SET WITH 2" IRON ROD WITH YELLOW CAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

ALIGNMENT, TIES AND BENCHMARKS  
 VII

SCALE: N.T.S.

DATE: 02/23/07

DRAWN BY: SB

CHECKED BY: DDH

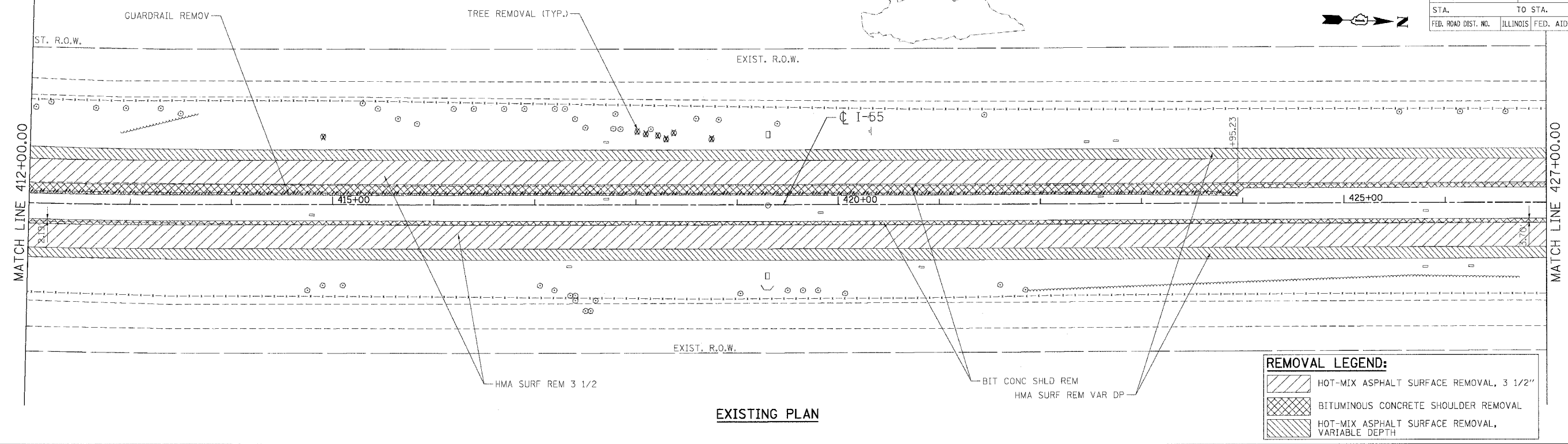


TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS





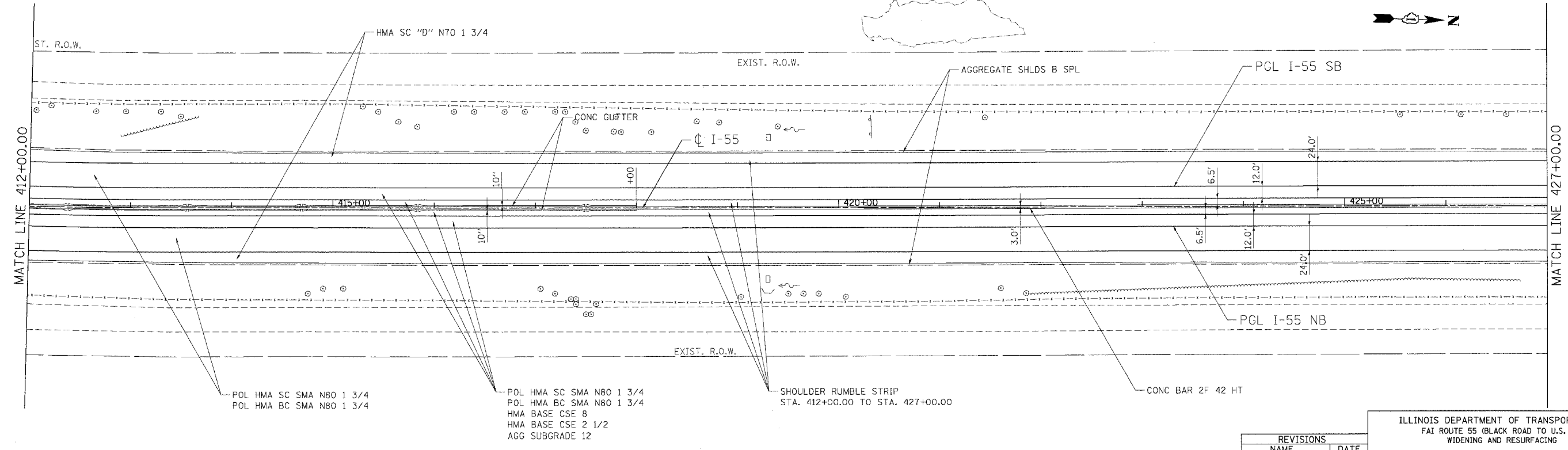
F.A.I. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL.	228	34
STA. 412+00.00		TO STA. 427+00.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



EXISTING PLAN

**REMOVAL LEGEND:**

	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
	BITUMINOUS CONCRETE SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



PROPOSED PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

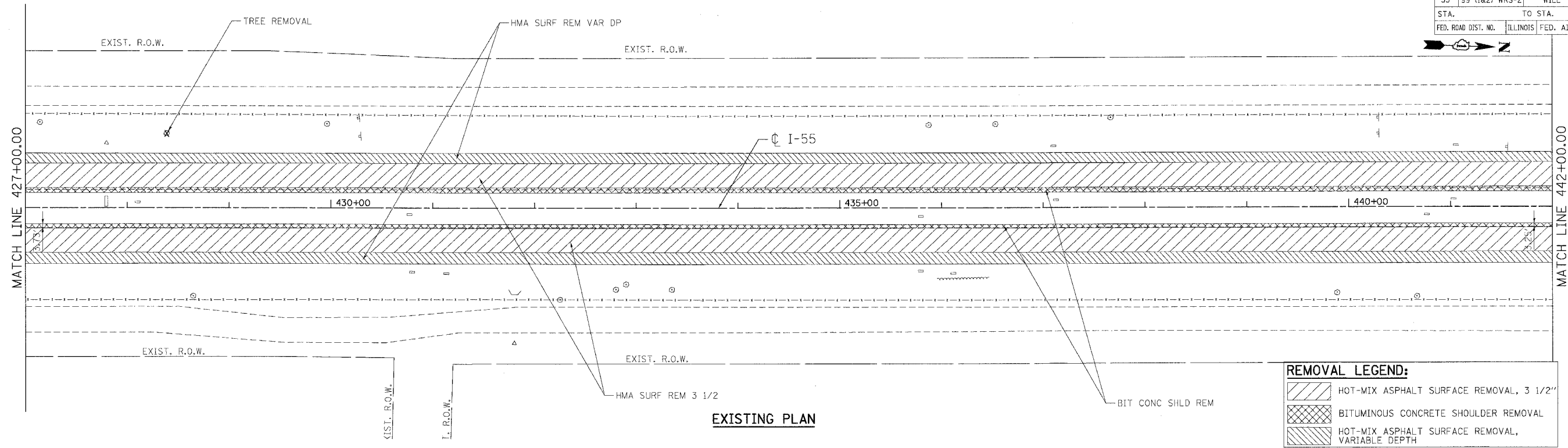
**ROADWAY PLAN**  
**FAI 55**  
**STA. 412+00.00 TO STA. 427+00.00**

SCALE: 1"=50'  
 DATE: 02/23/07  
 DRAWN BY: AG  
 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07  
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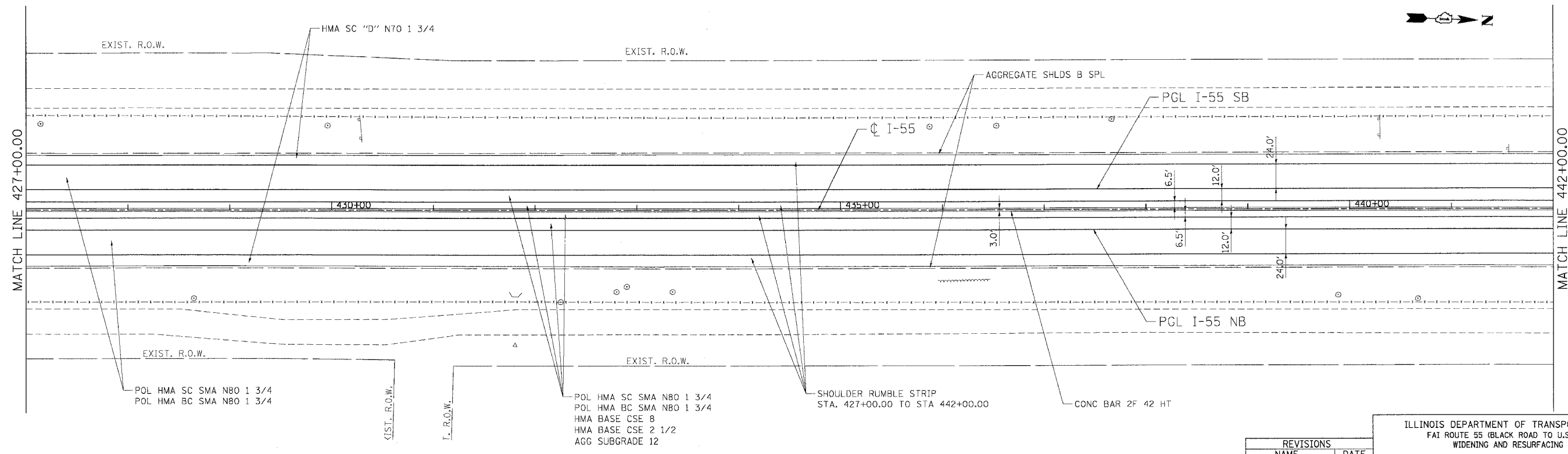
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	35
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



**EXISTING PLAN**

**REMOVAL LEGEND:**

	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
	BITUMINOUS CONCRETE SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



**PROPOSED PLAN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

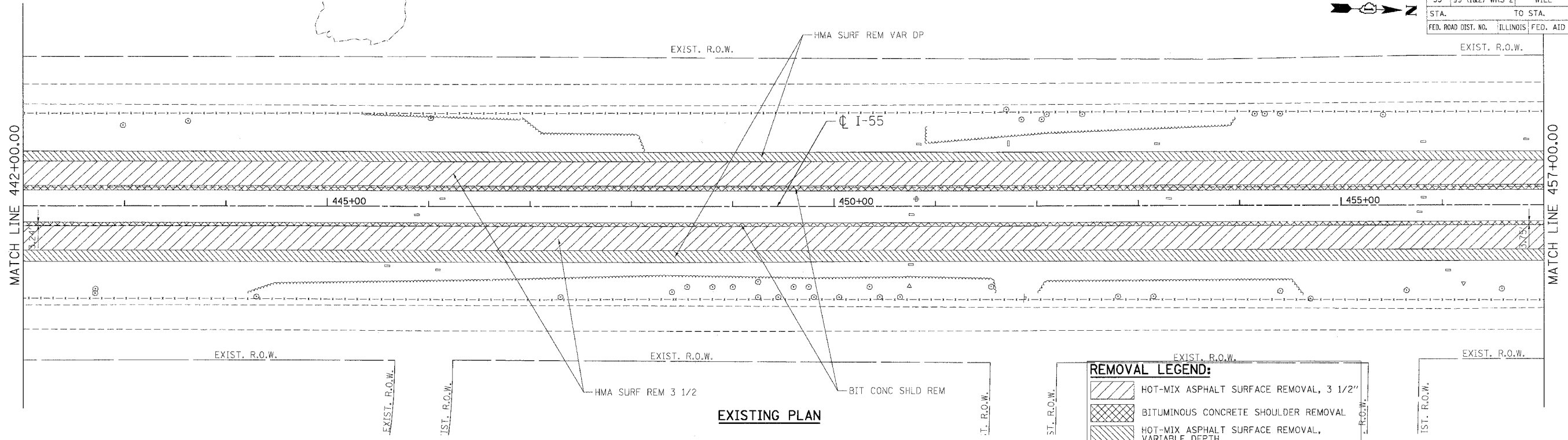
**ROADWAY PLAN**  
**FAI 55**  
**STA. 427+00.00 TO STA. 442+00.00**

SCALE: 1"=50'  
 DATE 02/23/07  
 DRAWN BY AG  
 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07  
 FILE NAME = 02/23/07  
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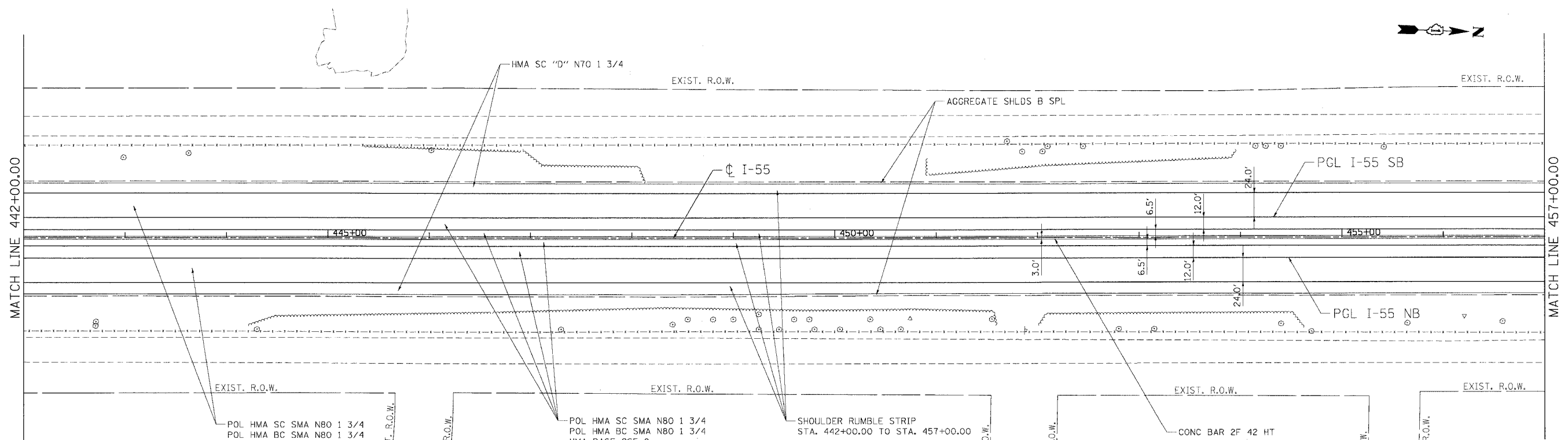
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	36
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



**REMOVAL LEGEND:**

[Hatched pattern]	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
[Cross-hatched pattern]	BITUMINOUS CONCRETE SHOULDER REMOVAL
[Diagonal hatched pattern]	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

**EXISTING PLAN**



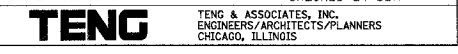
**PROPOSED PLAN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

**ROADWAY PLAN  
FAI 55  
STA. 442+00.00 TO STA. 457+00.00**

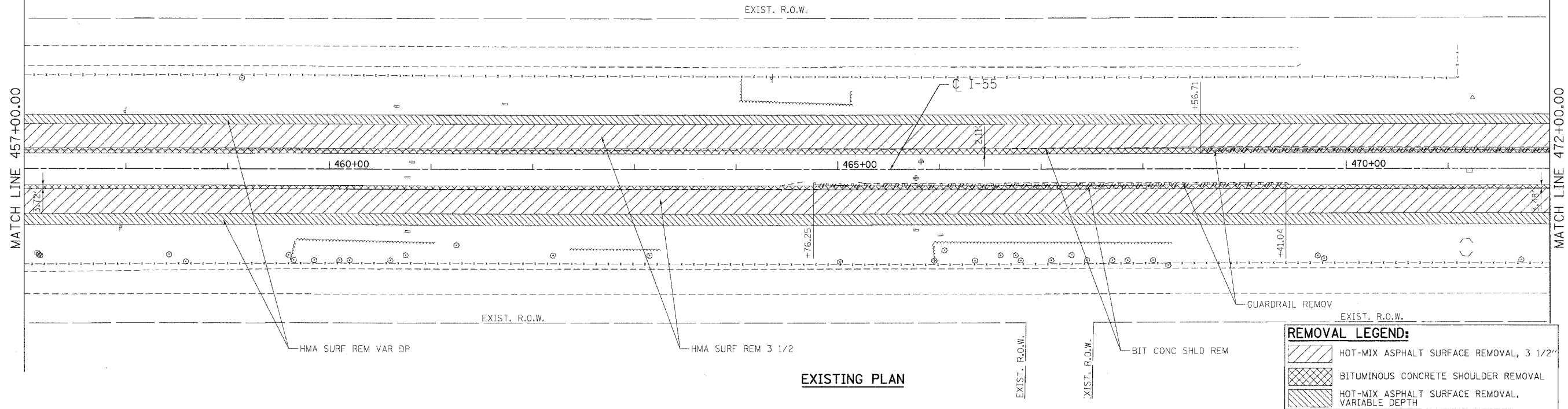
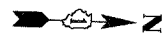
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DATE 02/23/07  
DRAWN BY AG  
CHECKED BY DDH



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FILE NAME = #FILE#  
PLOT SCALE = #SCALE#  
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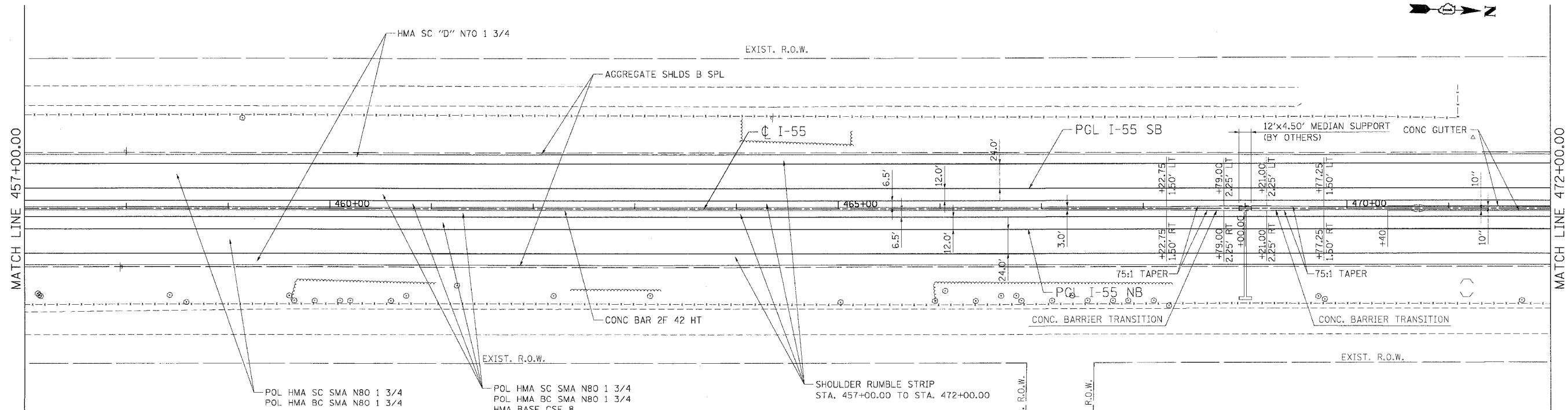
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	37
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



**REMOVAL LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- BITUMINOUS CONCRETE SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

EXISTING PLAN



- POL HMA SC SMA N80 1 3/4
- POL HMA BC SMA N80 1 3/4
- POL HMA SC SMA N80 1 3/4
- POL HMA BC SMA N80 1 3/4
- HMA BASE CSE 8
- HMA BASE CSE 2 1/2
- AGG SUBGRADE 12

PROPOSED PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

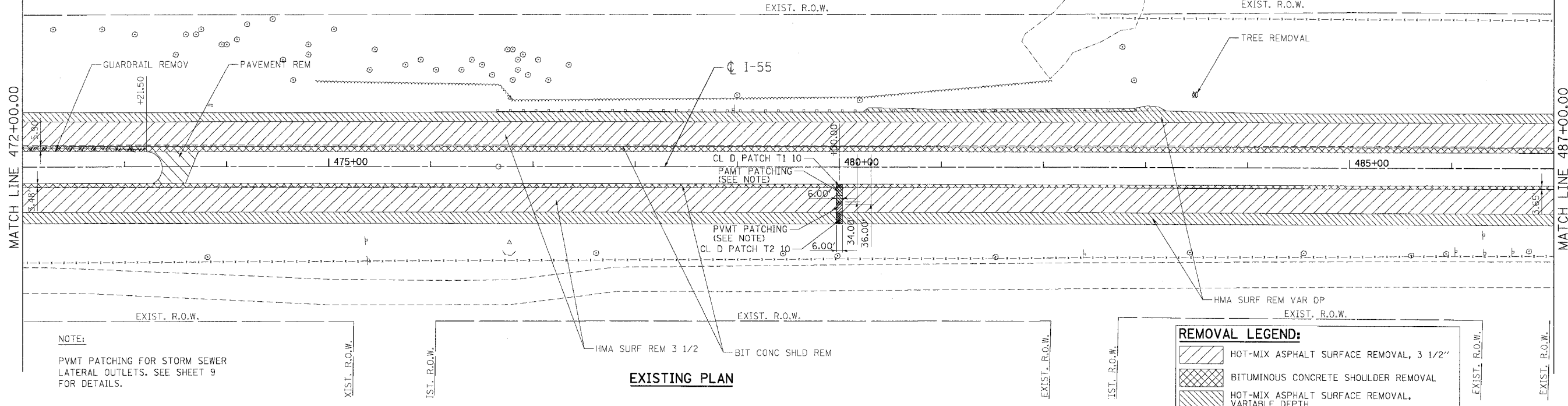
**ROADWAY PLAN**  
**FAI 55**  
**STA. 457+00.00 TO STA. 472+00.00**

SCALE: 1"=50'  
 DATE: 02/23/07  
 DRAWN BY: AG  
 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07  
 FILE NAME = 022307.DWG  
 USER NAME = RUBEN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

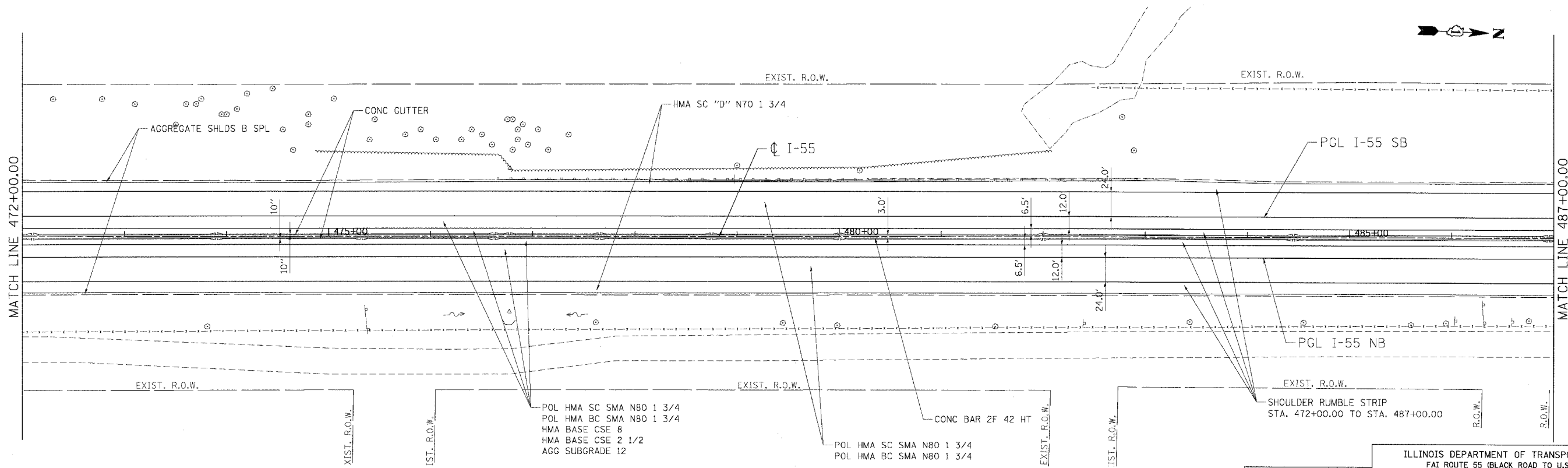


NOTE:  
 PVMT PATCHING FOR STORM SEWER LATERAL OUTLETS. SEE SHEET 9 FOR DETAILS.

**REMOVAL LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- BITUMINOUS CONCRETE SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

**EXISTING PLAN**



POL HMA SC SMA N80 1 3/4  
 POL HMA BC SMA N80 1 3/4  
 HMA BASE CSE 8  
 HMA BASE CSE 2 1/2  
 AGG SUBGRADE 12

POL HMA SC SMA N80 1 3/4  
 POL HMA BC SMA N80 1 3/4

CONC BAR 2F 42 HT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**ROADWAY PLAN**  
**FAI 55**  
**STA. 472+00.00 TO STA. 487+00.00**

SCALE: 1"=50'  
 DATE 03/15/07

DRAWN BY AG  
 CHECKED BY DDH

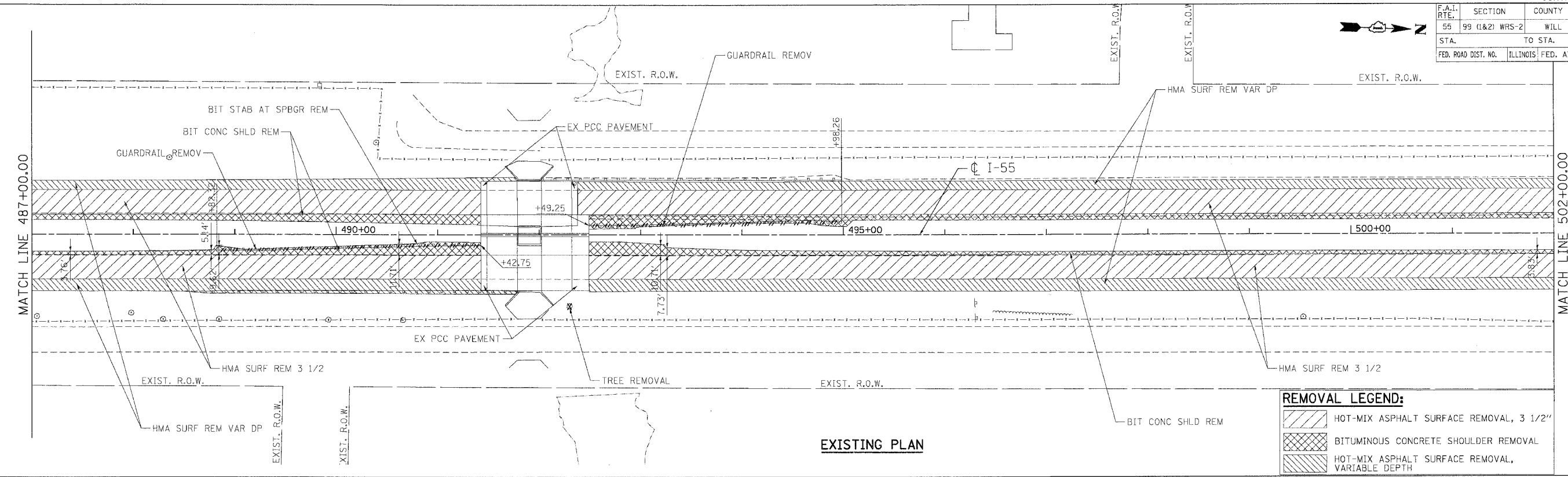
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

**PROPOSED PLAN**

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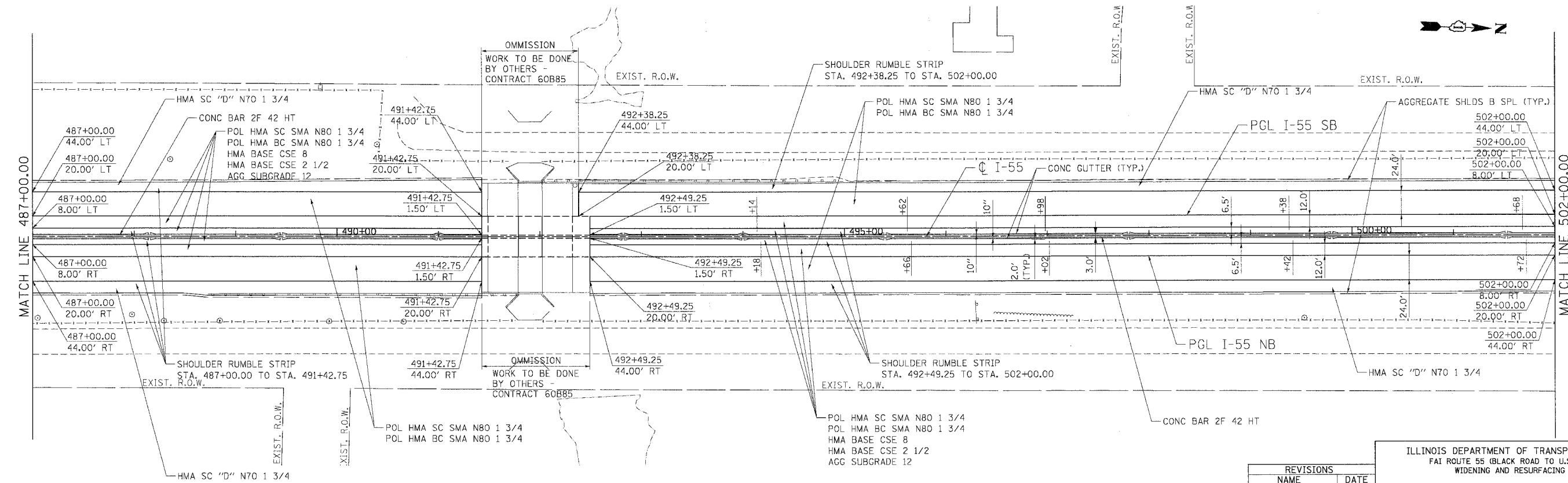
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING PLAN

**REMOVAL LEGEND:**

	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
	BITUMINOUS CONCRETE SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



PROPOSED PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**ROADWAY PLAN**  
**FAI 55**  
**STA. 487+00.00 TO STA. 502+00.00**

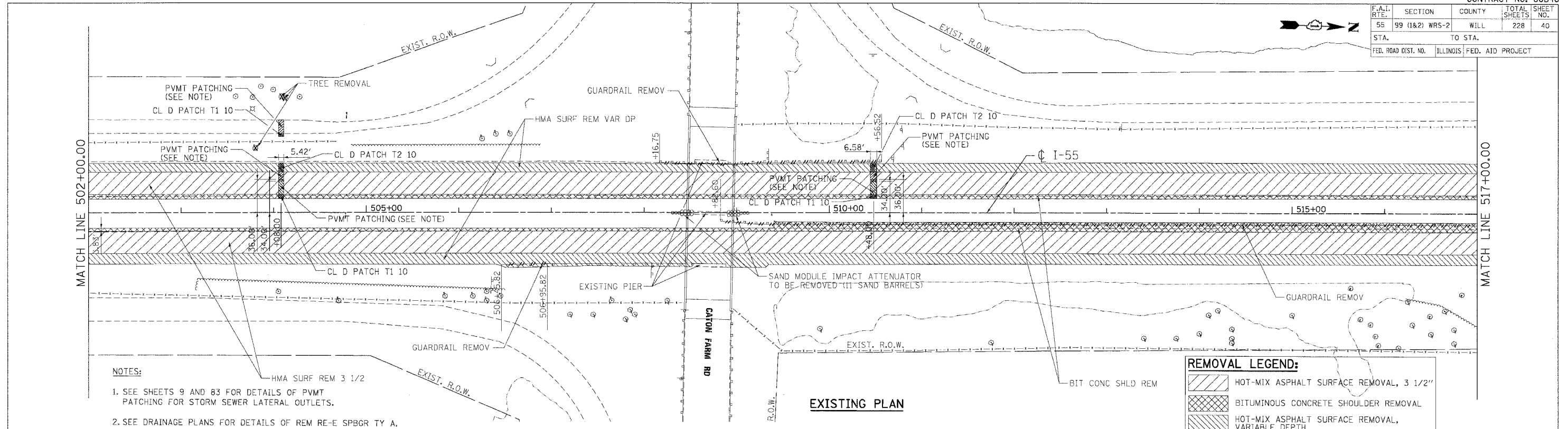
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DRAWN BY: AG  
 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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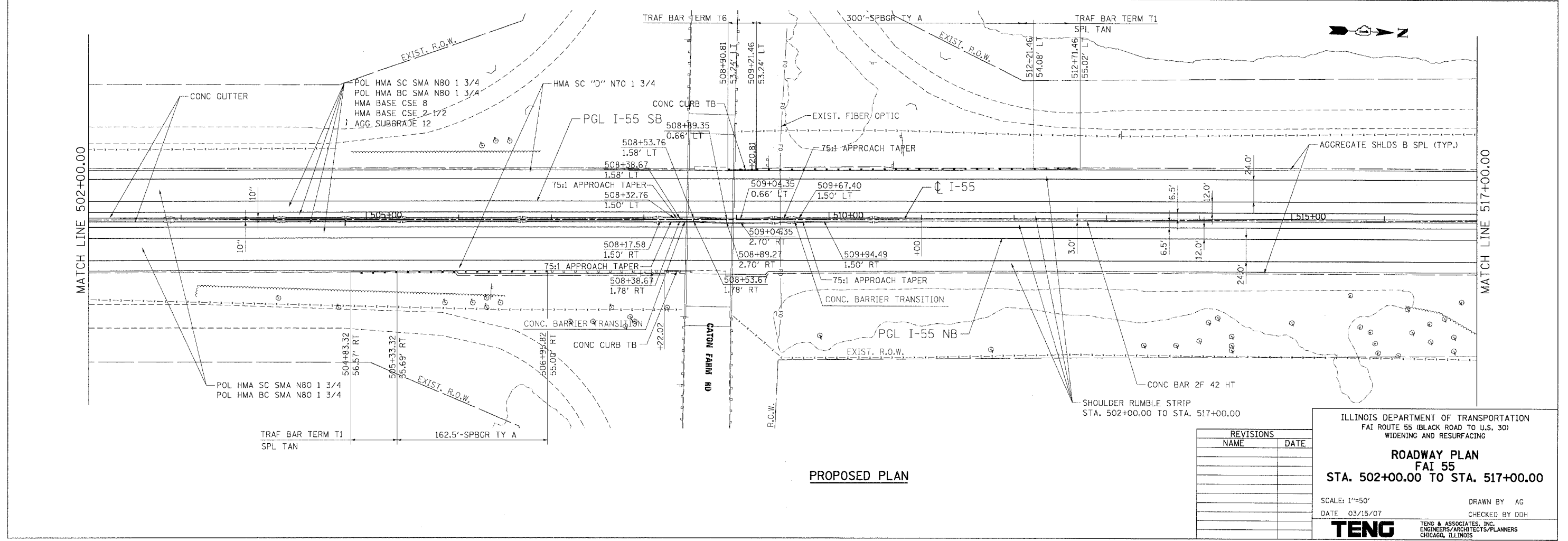
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55	99 (I&2) WRS-2	WILL	228	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES:**
- SEE SHEETS 9 AND 83 FOR DETAILS OF PVMT PATCHING FOR STORM SEWER LATERAL OUTLETS.
  - SEE DRAINAGE PLANS FOR DETAILS OF REM RE-E SPBGR TY A.

**REMOVAL LEGEND:**

	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
	BITUMINOUS CONCRETE SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**ROADWAY PLAN**  
**FAI 55**  
**STA. 502+00.00 TO STA. 517+00.00**

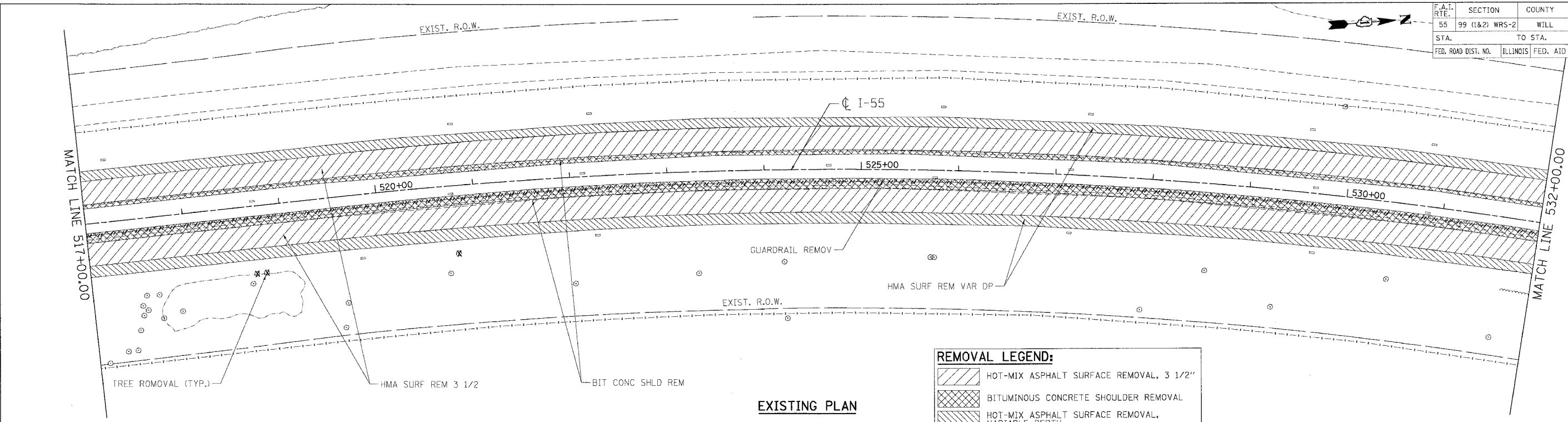
SCALE: 1"=50'  
 DATE 03/15/07

DRAWN BY AG  
 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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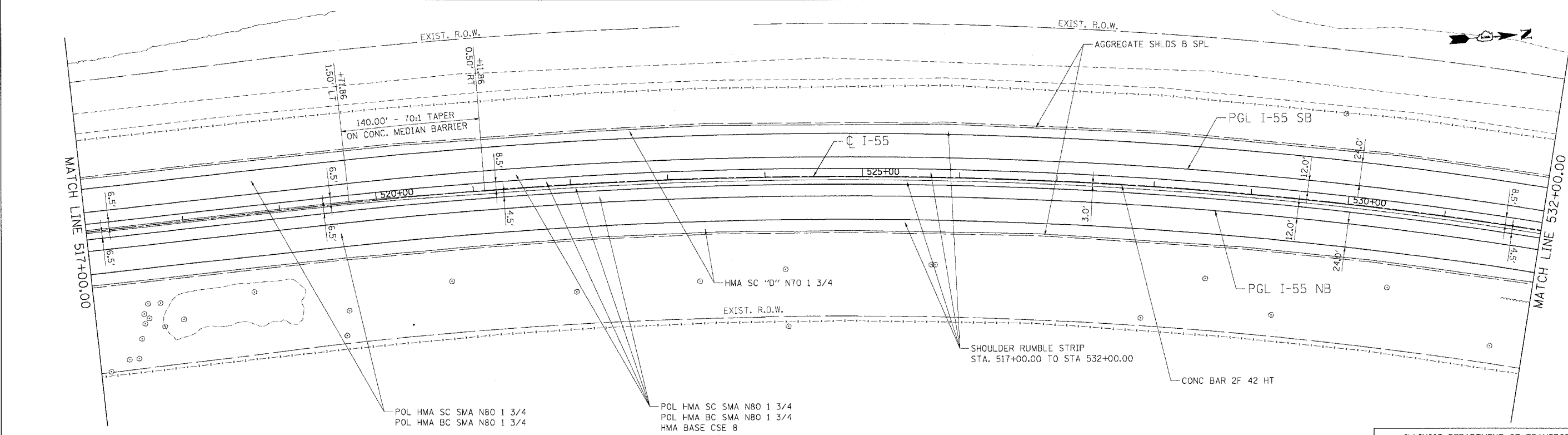
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55	99 (1&2) WRS-2	WILL	228	41
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	



**REMOVAL LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- BITUMINOUS CONCRETE SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

**EXISTING PLAN**



POL HMA SC SMA N80 1 3/4  
 POL HMA BC SMA N80 1 3/4  
 HMA BASE CSE 8  
 HMA BASE CSE 2 1/2  
 AGG SUBGRADE 12

**PROPOSED PLAN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**ROADWAY PLAN**  
**FAI 55**  
**STA. 517+00.00 TO STA. 532+00.00**

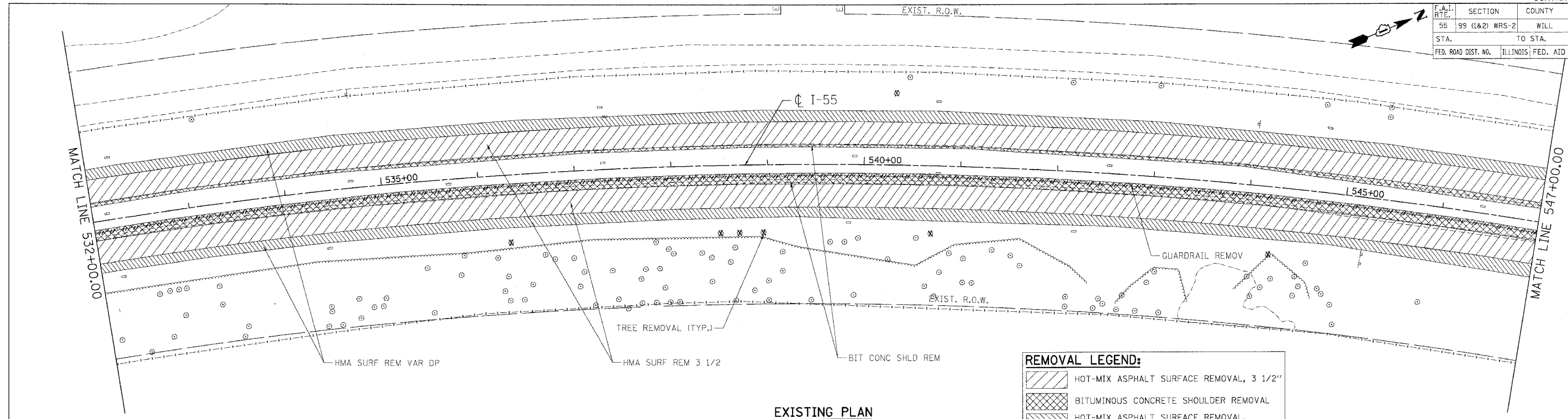
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DRAWN BY: AG  
 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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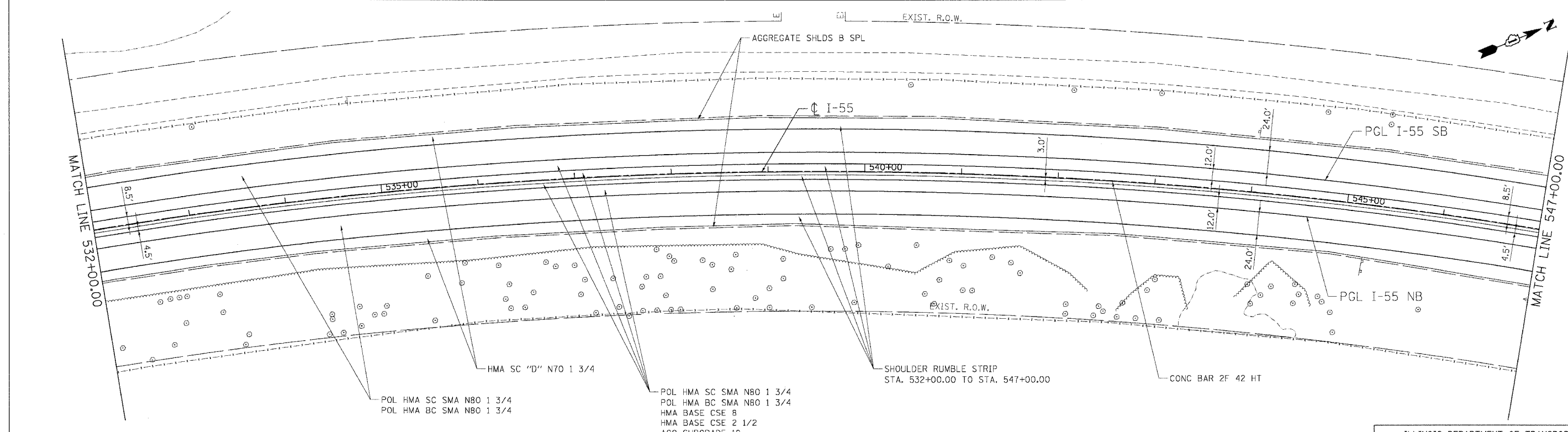
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55	99 (I&2) WRS-2	WILL	228	42
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**EXISTING PLAN**

**REMOVAL LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- BITUMINOUS CONCRETE SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



**PROPOSED PLAN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**ROADWAY PLAN**  
**FAI 55**  
**STA. 532+00.00 TO STA. 547+00.00**

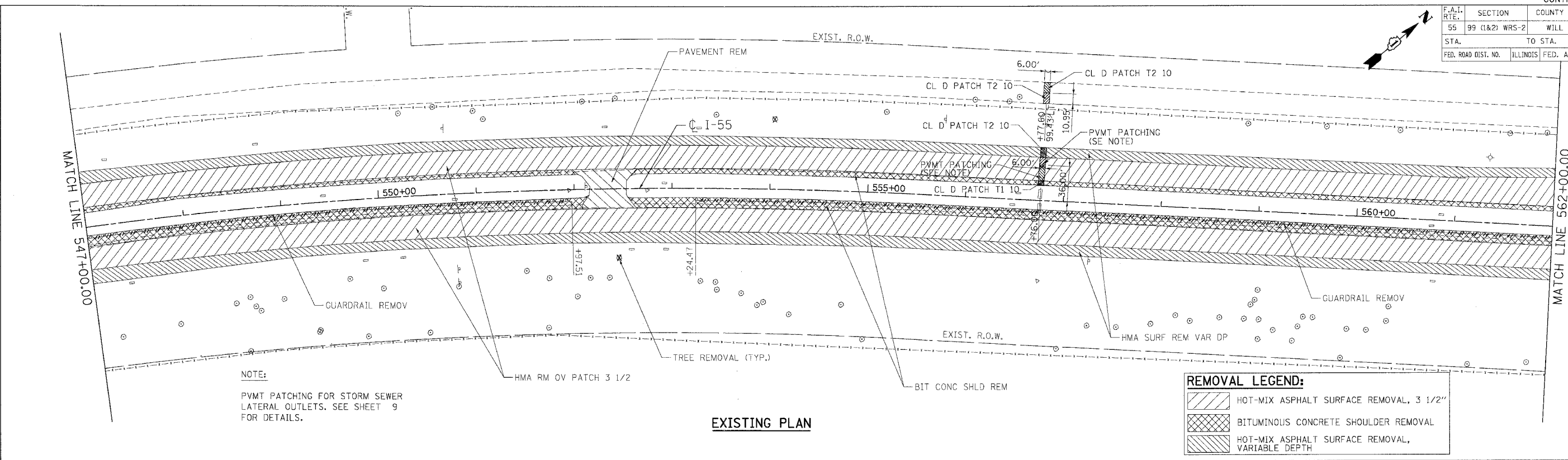
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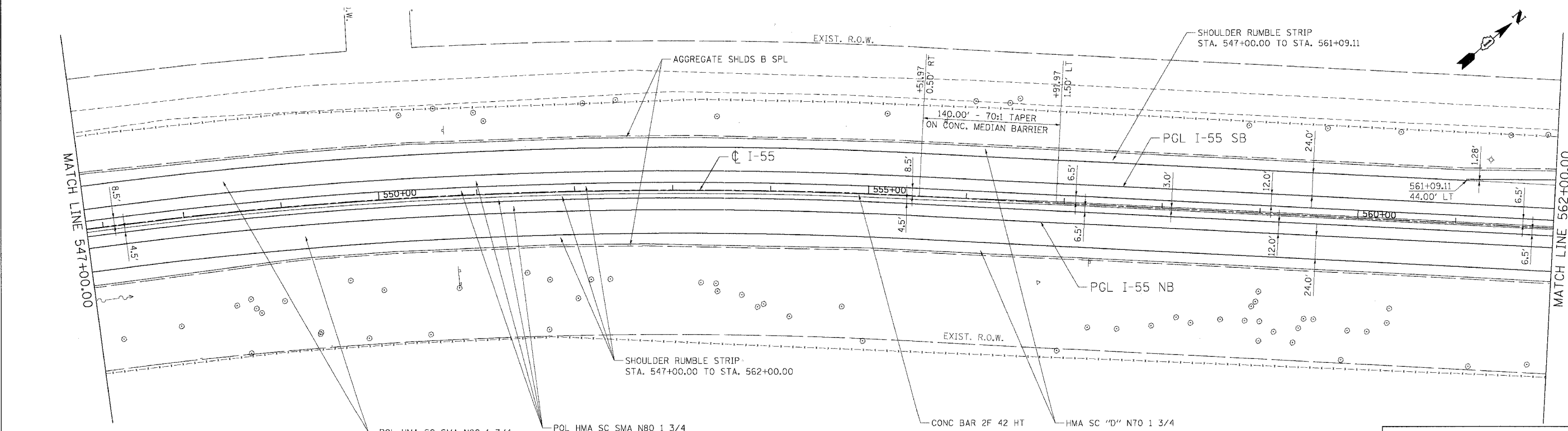
**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE: 02/23/07  
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	43
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**EXISTING PLAN**



**PROPOSED PLAN**

NOTE:  
PVMT PATCHING FOR STORM SEWER LATERAL OUTLETS. SEE SHEET 9 FOR DETAILS.

**REMOVAL LEGEND:**

- [Hatched Pattern] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- [Cross-hatched Pattern] BITUMINOUS CONCRETE SHOULDER REMOVAL
- [Diagonal Hatched Pattern] HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

- POL HMA SC SMA N80 1 3/4
- POL HMA BC SMA N80 1 3/4
- HMA BASE CSE 8
- HMA BASE CSE 2 1/2
- AGG SUBGRADE 12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

**ROADWAY PLAN  
FAI 55  
STA. 547+00.00 TO STA. 562+00.00**

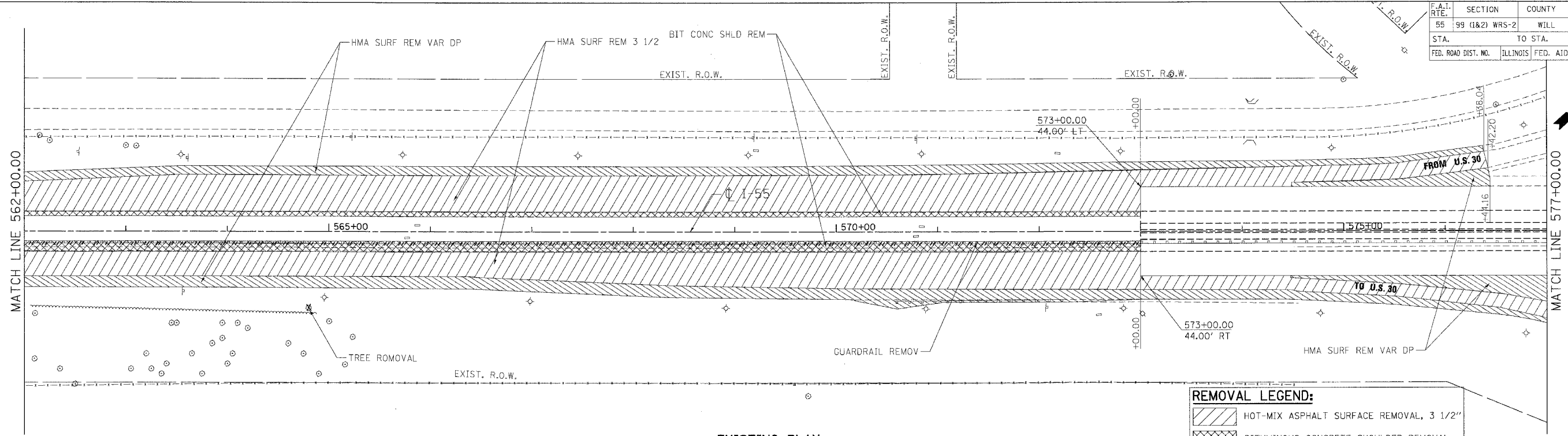
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**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

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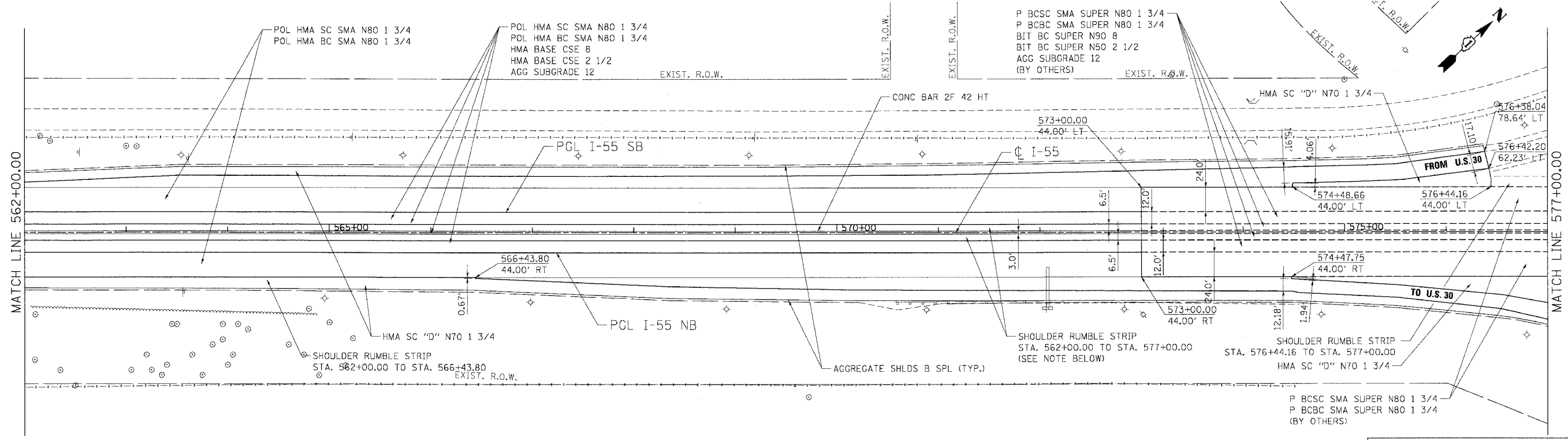
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55	99 (1&2) WRS-2	WILL	228	44
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING PLAN

**REMOVAL LEGEND:**

	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
	BITUMINOUS CONCRETE SHOULDER REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



PROPOSED PLAN

NOTE:  
SHOULDER RUMBLE STRIPS TO BE EXTENDED TO THE BRIDGE APPROACH PAVEMENT AT US30.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

**ROADWAY PLAN**  
FAI 55  
STA. 562+00.00 TO STA. 577+00.00

SCALE: 1"=50'  
DATE: 02/23/07

DRAWN BY AG  
CHECKED BY DDH

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

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FILE NAME = 022307\_104255  
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55	99 (I&2) WRS-2	WILL	228	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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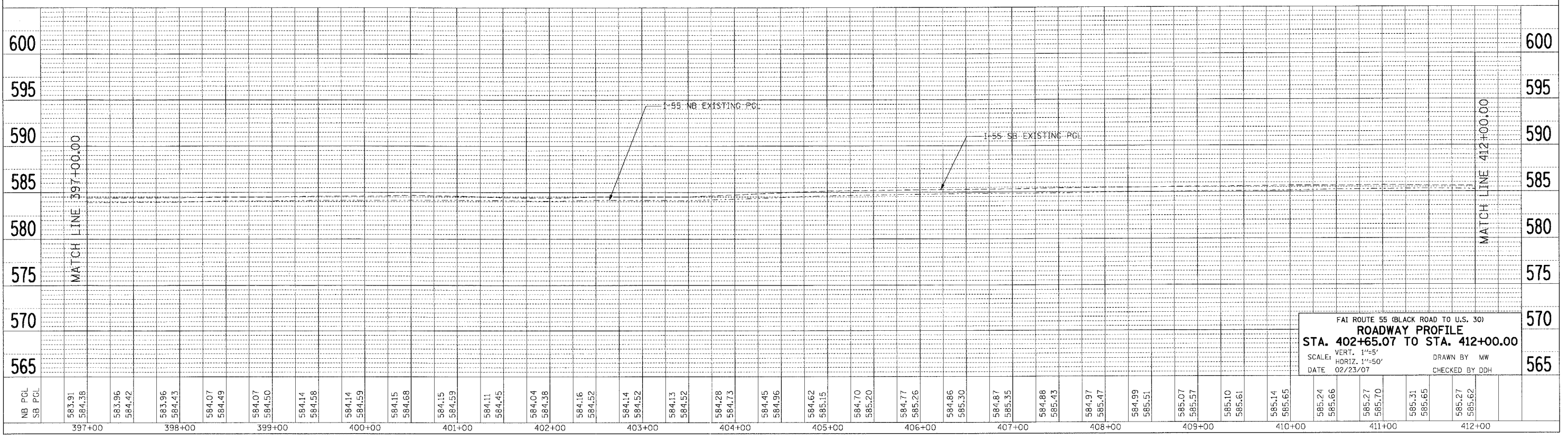
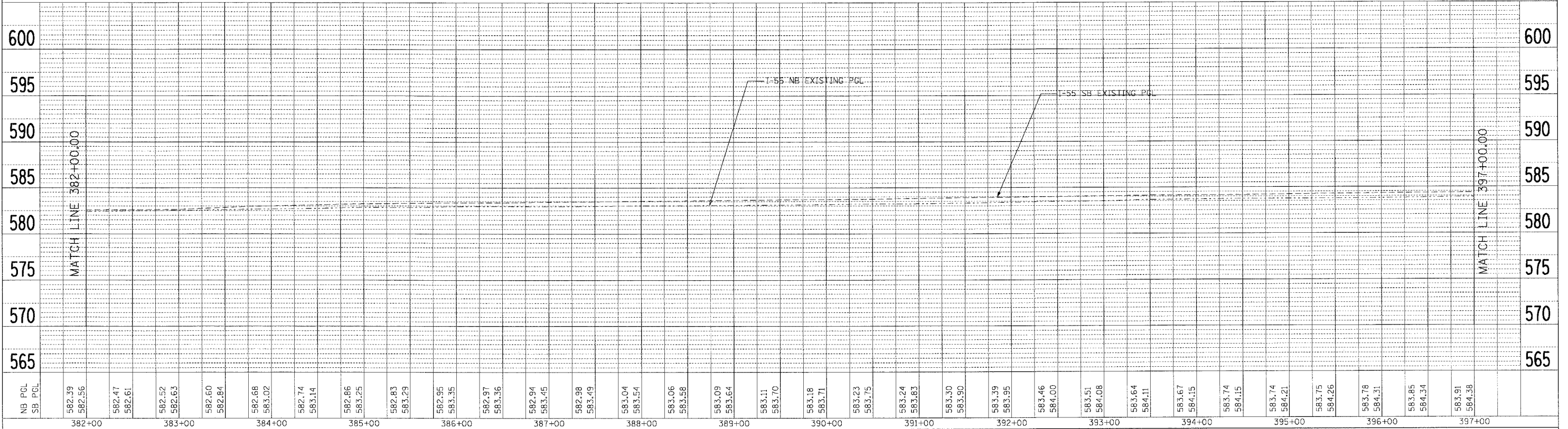
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NOTED	BY
NO.	NO.

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**ROADWAY PROFILE**  
 STA. 402+65.07 TO STA. 412+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

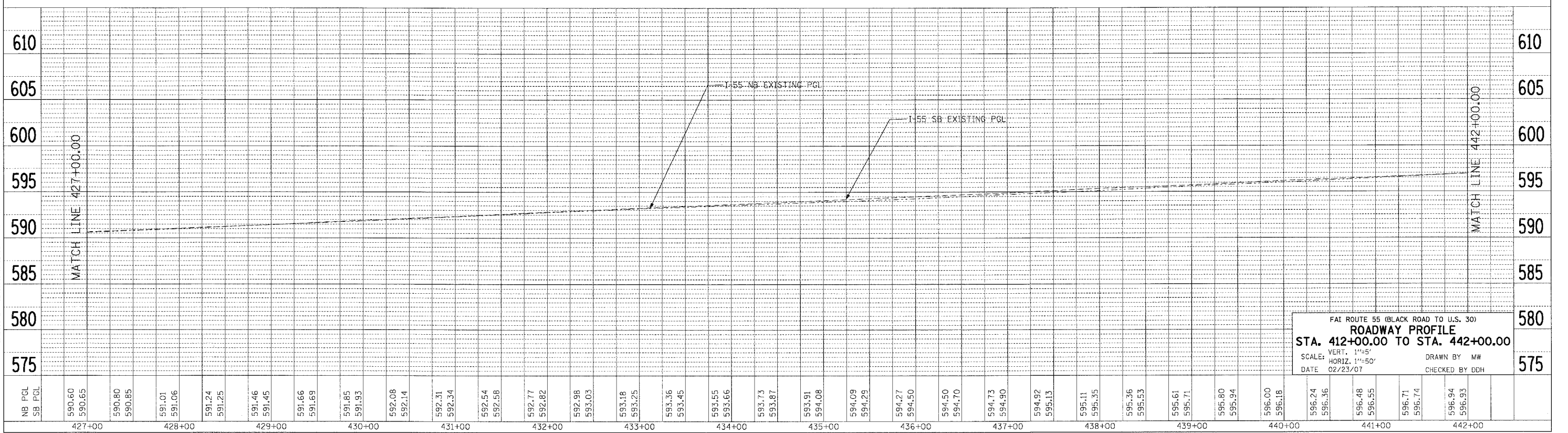
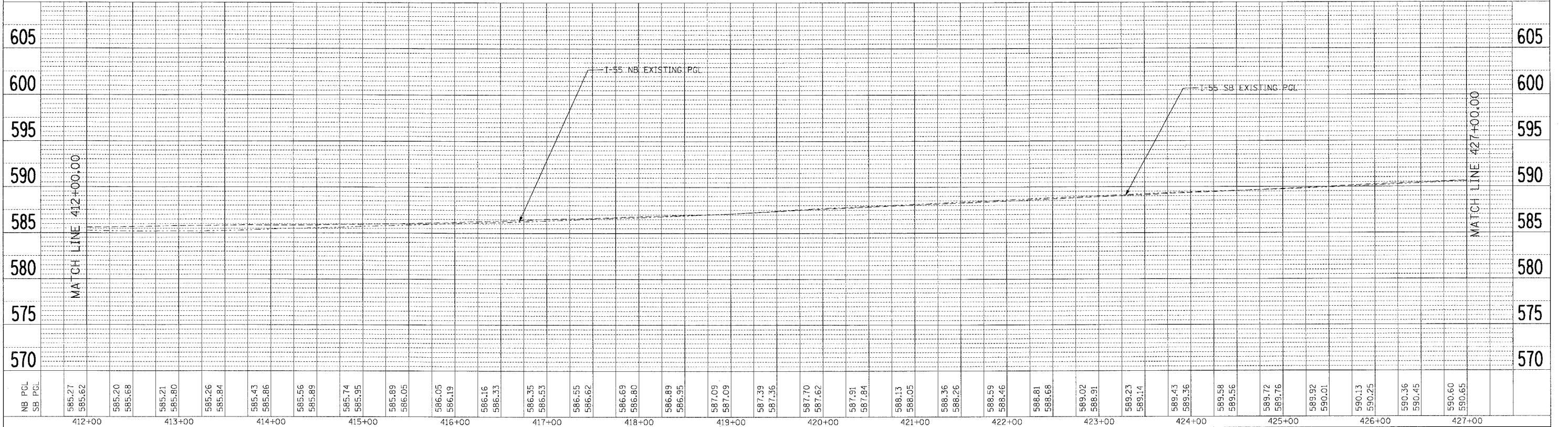
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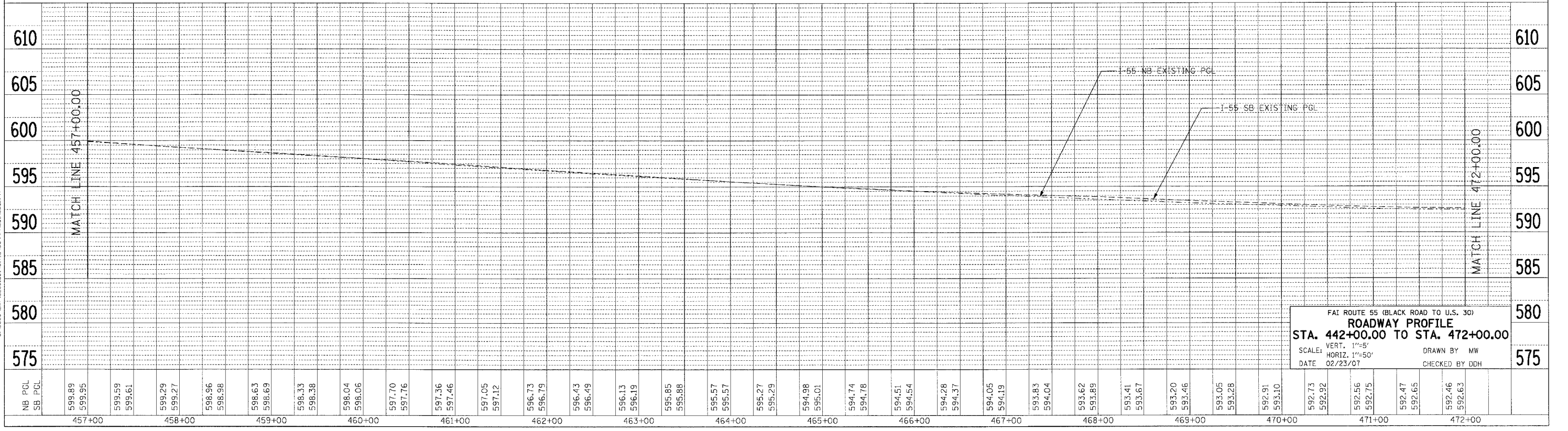
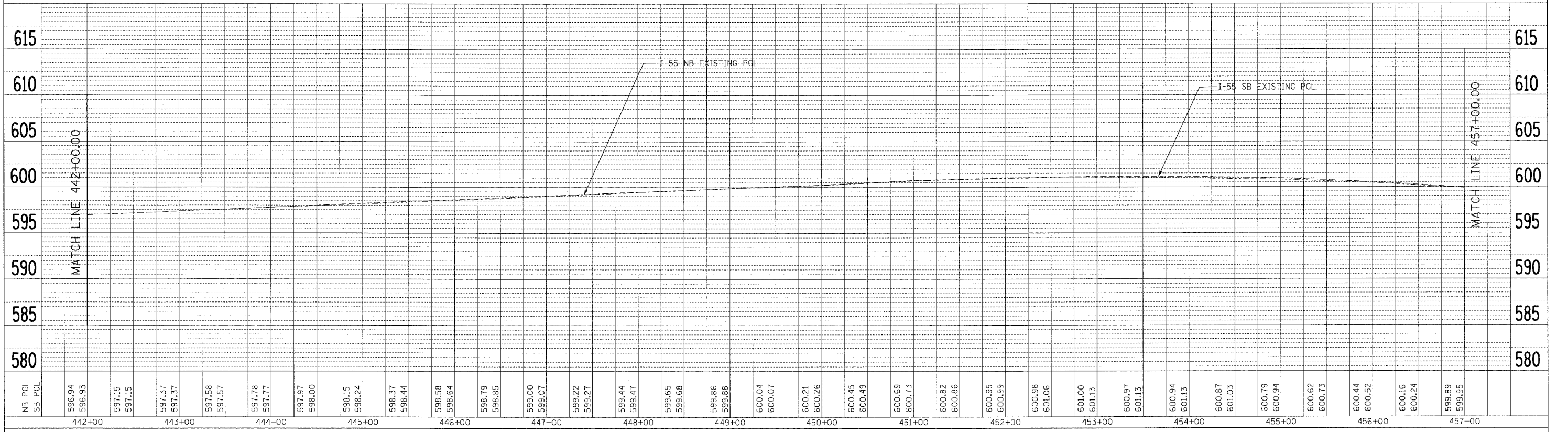
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**ROADWAY PROFILE**  
 STA. 412+00.00 TO STA. 442+00.00  
 VERT. 1"=5'  
 SCALE: HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	48
STA. TO STA.		ILLINOIS FED. AID PROJECT		

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REVIEWED	BY
NOTED	
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NOTED	
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FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**ROADWAY PROFILE**  
**STA. 442+00.00 TO STA. 472+00.00**  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
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 CHECKED BY DDH

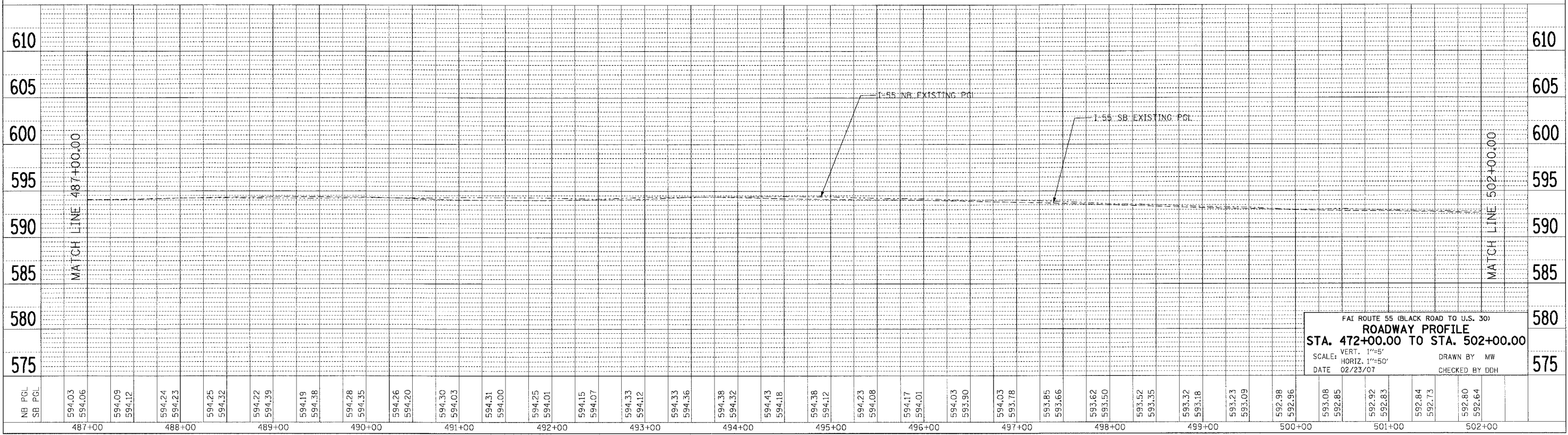
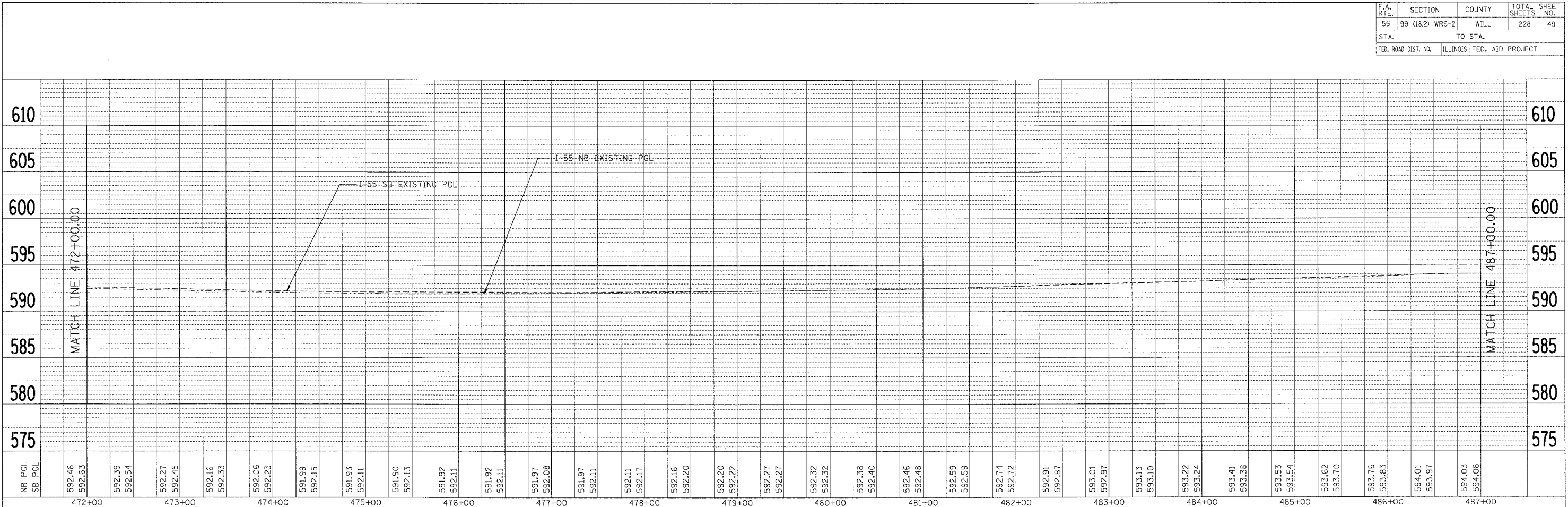


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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NO.	ST. OF WAY CHECKED	
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PROFILE	SURVEYED	DATE
NOTE BOOK	PLotted	BY
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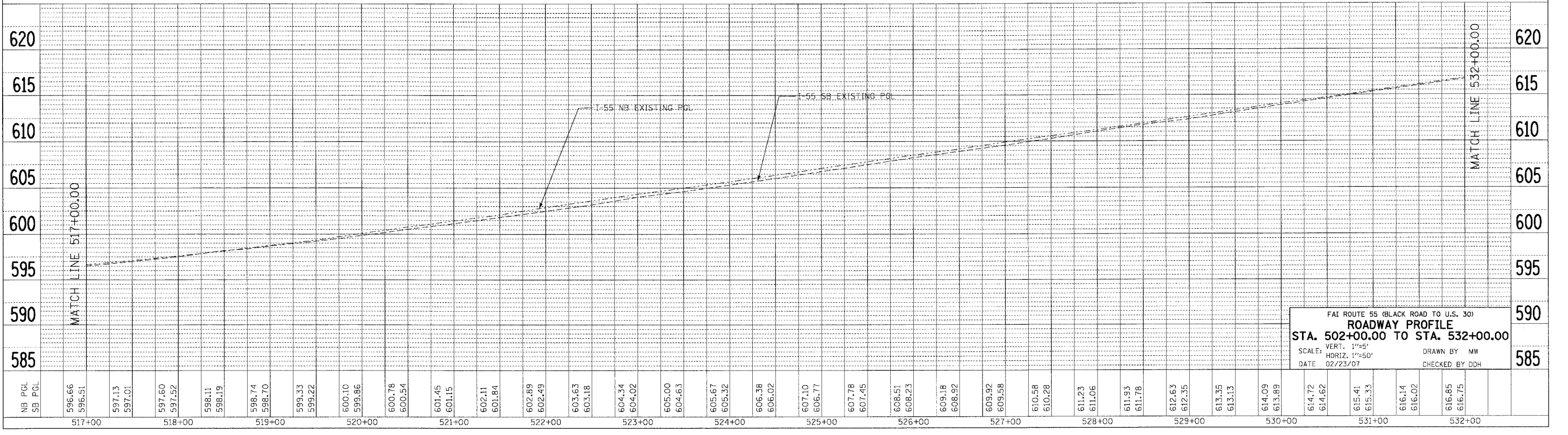
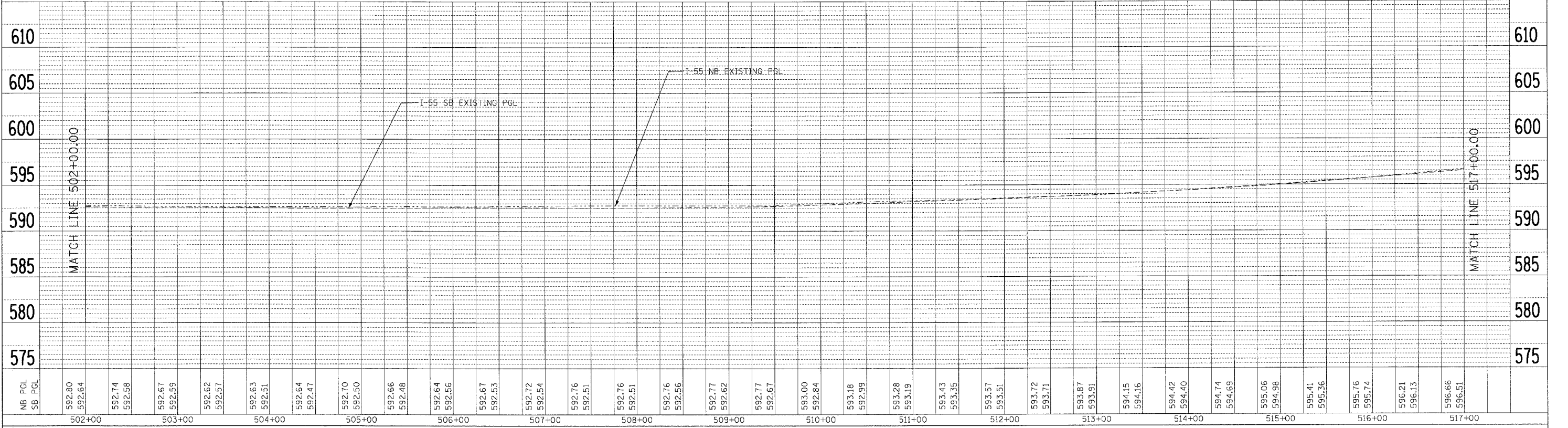
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**ROADWAY PROFILE**  
 STA. 472+00.00 TO STA. 502+00.00  
 VERT. 1"=5'  
 SCALE: HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	DATE	

PLOT DATE \* \* \* \* \*  
 FILE NAME \* \* \* \* \*  
 PLOT SCALE \* \* \* \* \*  
 USER NAME \* \* \* \* \*



FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**ROADWAY PROFILE**  
 STA. 502+00.00 TO STA. 532+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH

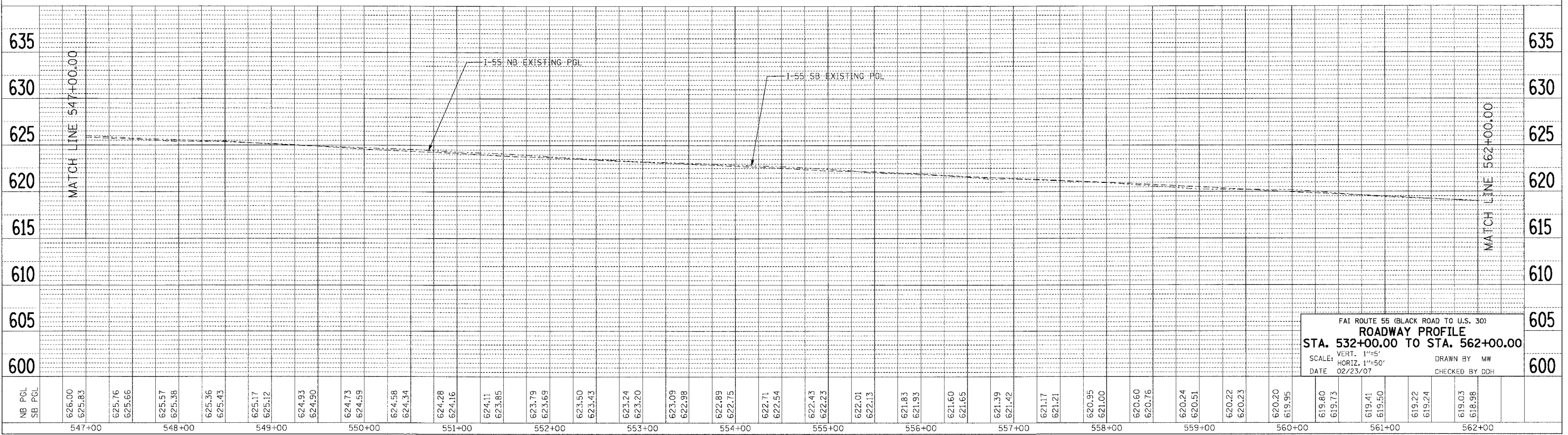
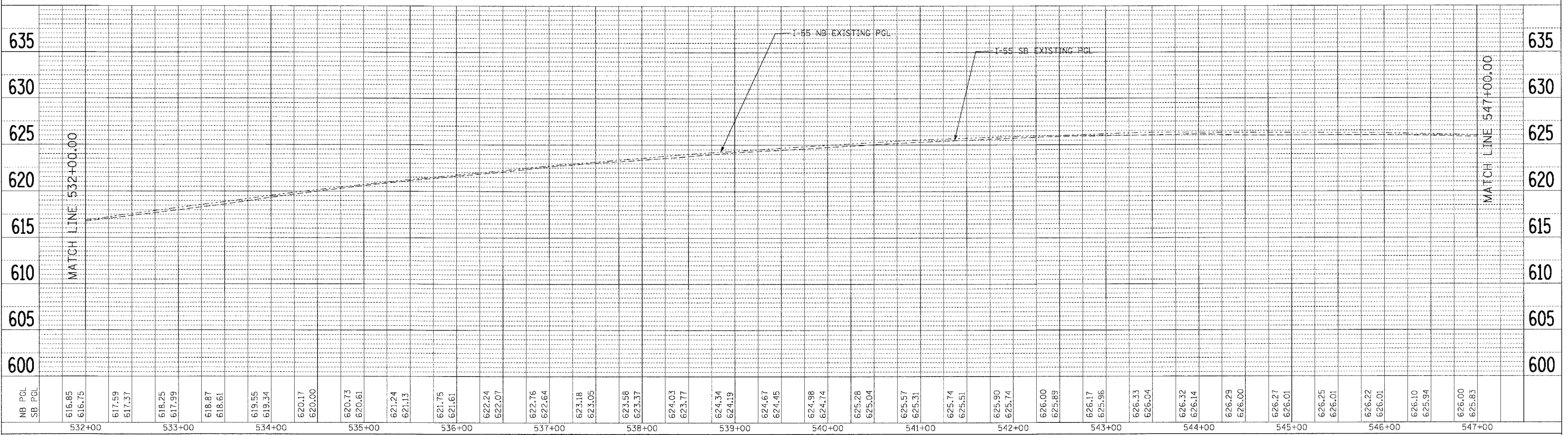


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
NOTE BOOK NO.	
FILE NAME	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
BY	
NOTE BOOK NO.	
STRUCTURE NOTATIONS	

PLOT DATE = 02/23/07  
 FILE NAME = 07FILES  
 PLOT SCALE = 0.5000  
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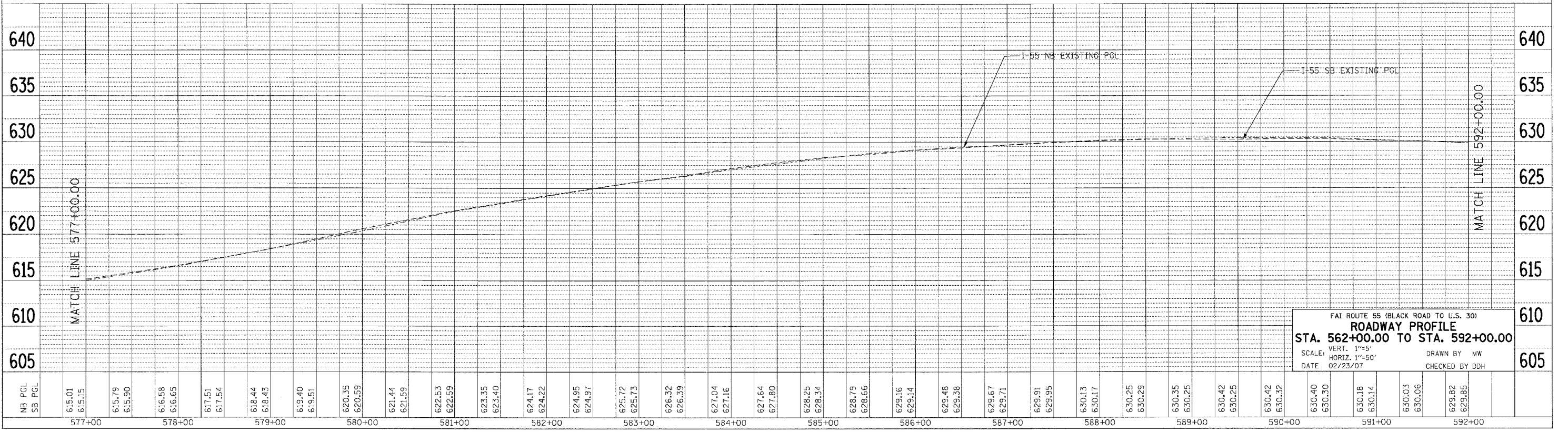
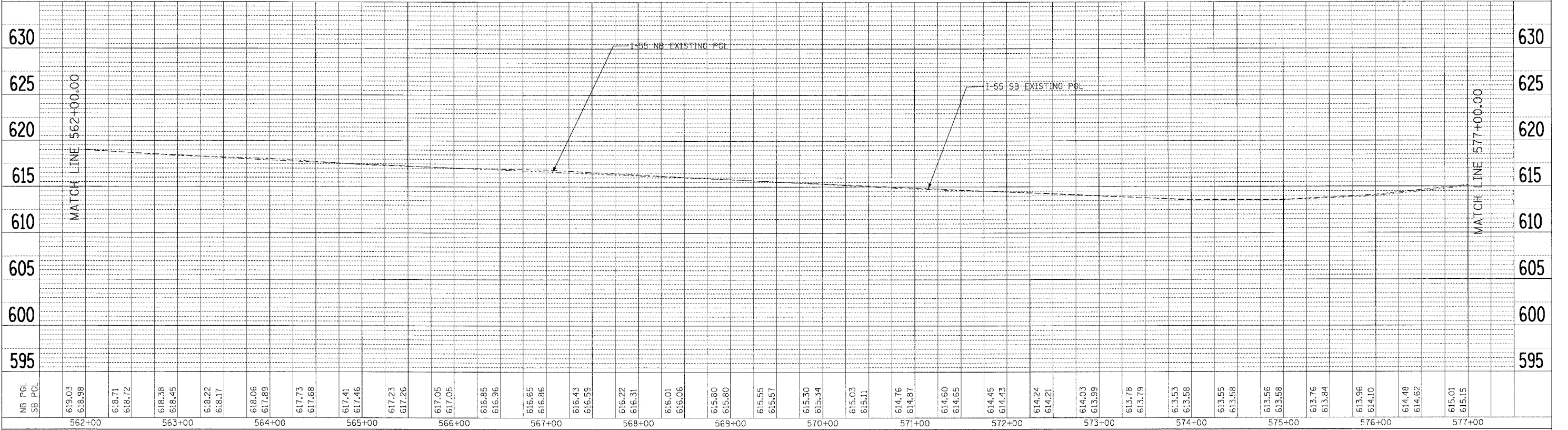
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**ROADWAY PROFILE**  
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 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED BY	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED BY	
	BY	
	DATE	

PLOT DATE = 02/23/07  
 FILE NAME = 60B46  
 PLOT SCALE = 1"=50'  
 USER NAME = JUBER

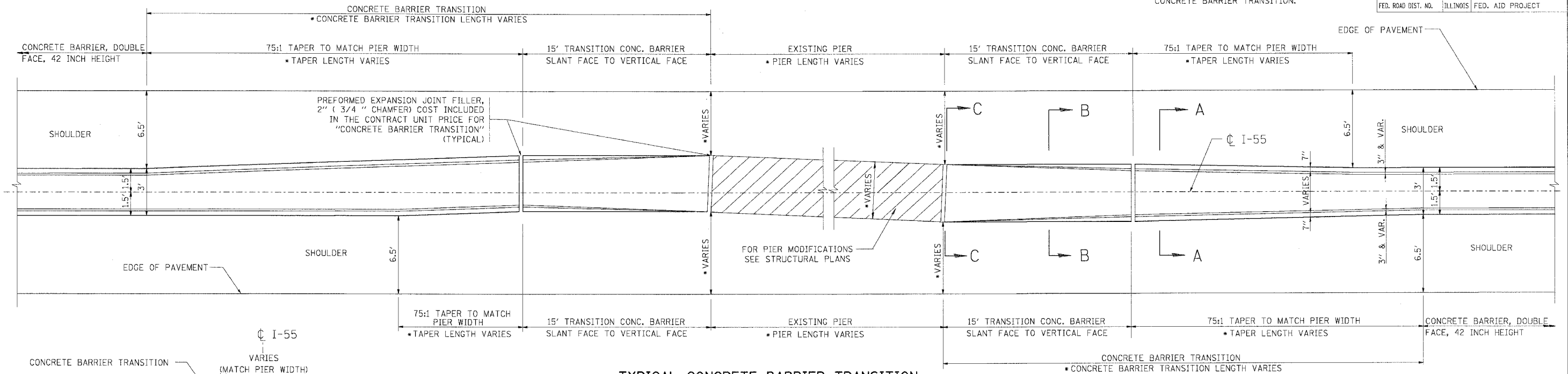


FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**ROADWAY PROFILE**  
 STA. 562+00.00 TO STA. 592+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH

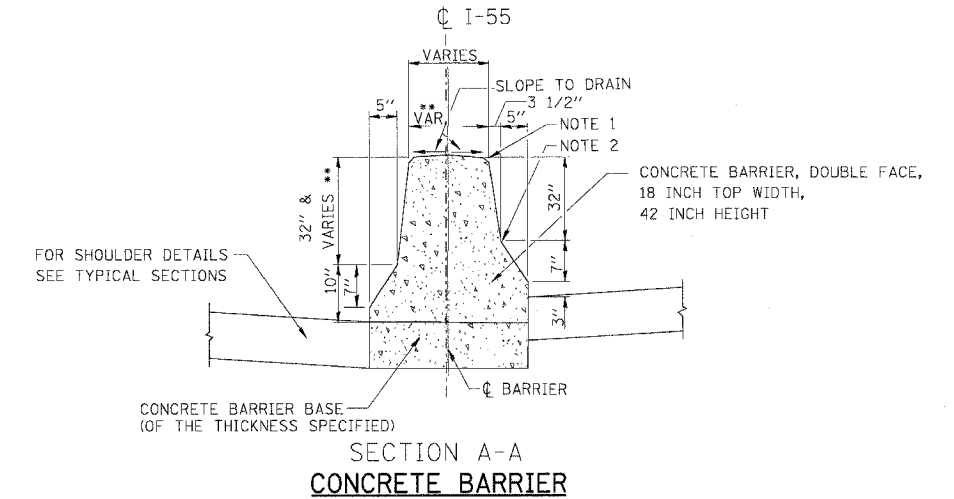
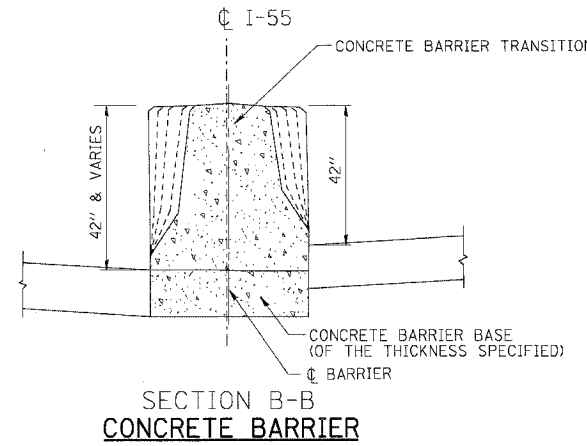
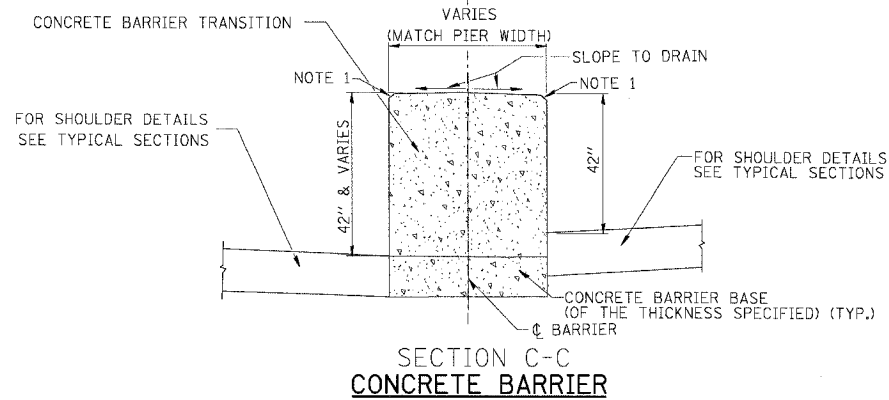
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES - PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BARRIER TRANSITION.

FOR VARIES LOCATIONS AND DIMENSIONS SEE ROADWAY PLANS



TYPICAL CONCRETE BARRIER TRANSITION  
PLAN VIEW



NOTE 1 - 3/4" CHAMFER OR 1" RADIUS (OPTIONAL)  
NOTE 2 - 10" RADIUS (OPTIONAL)

\*\* MAINTAIN SLOPE OF FACE AS SHOWN ON DETAIL. HEIGHT AND WIDTH OF BARRIER INCREASE WHERE A DIFFERENCE IN MEDIAN EDGE-OF-PAVEMENT GRADE ELEVATION EXISTS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

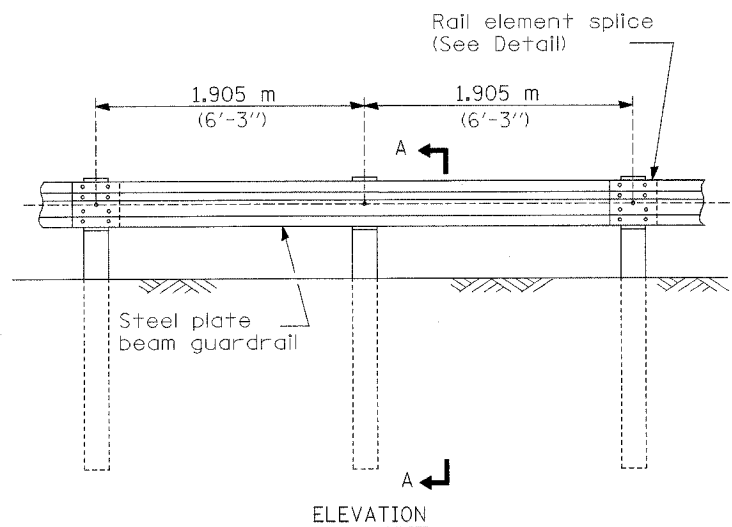
**ROADWAY DETAILS  
CONCRETE BARRIER TRANSITION**

SCALE: N.T.S. DRAWN BY GF  
DATE 02/23/07 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

PLT DATE = 02/23/07  
FILE NAME = 022307.DWG  
PLOT SCALE = 1/8"=1'-0"  
USER NAME = GCHIC1A2Z

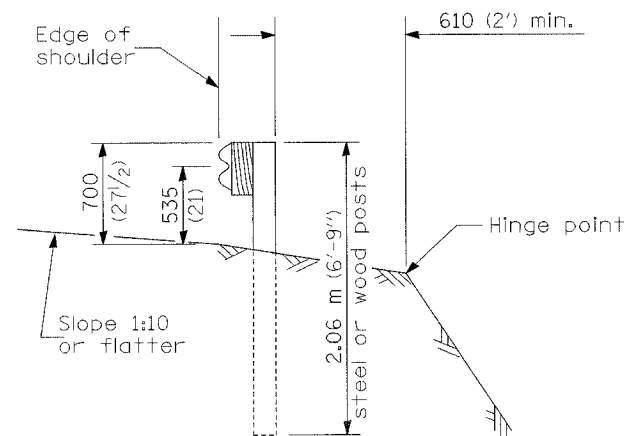
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	53A
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



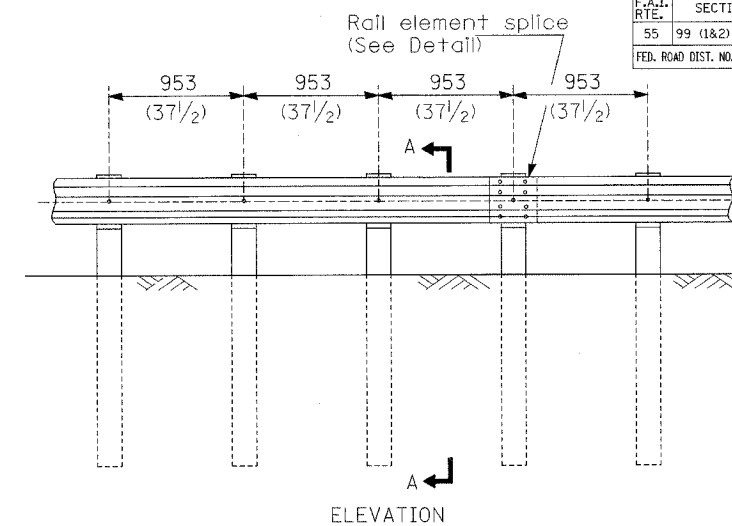
ELEVATION

**TYPE A**

1.905 m (6'-3") Typical post spacing



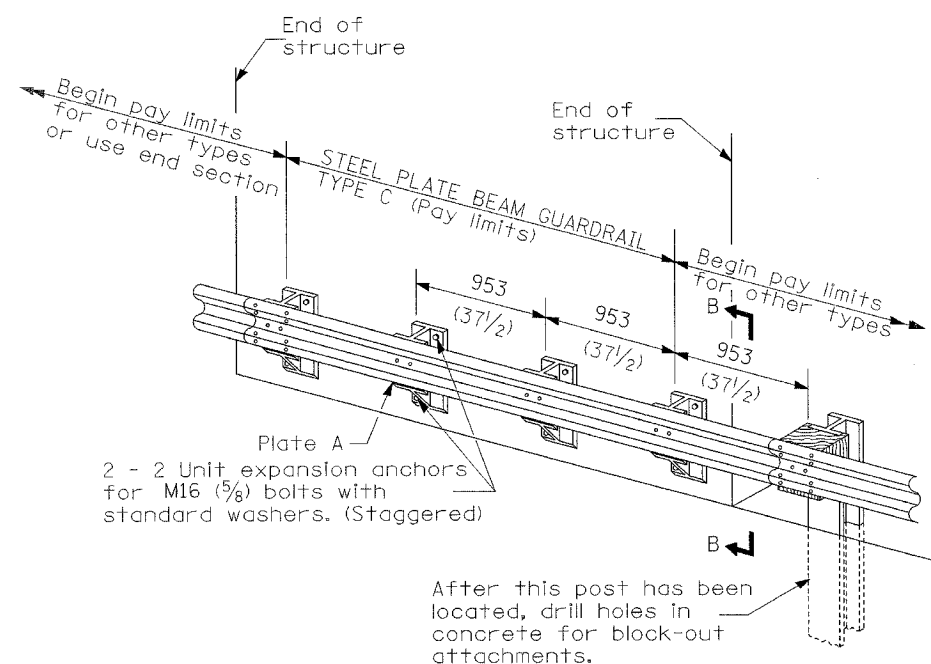
SECTION A-A



ELEVATION

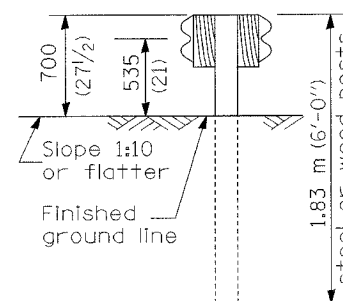
**TYPE B**

953 (37 1/2) Closed post spacing

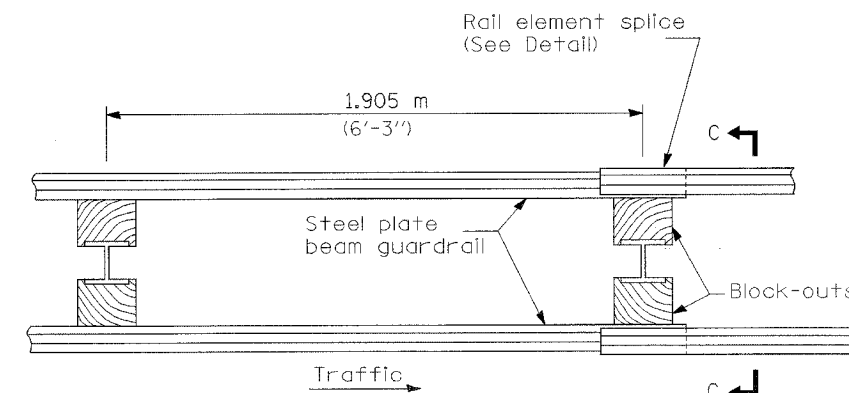


**TYPE C**

953 (37 1/2) Block-out spacing



SECTION C-C



PLAN

**TYPE D**

Double steel plate beam guardrail  
1.905 m (6'-3") typical post spacing

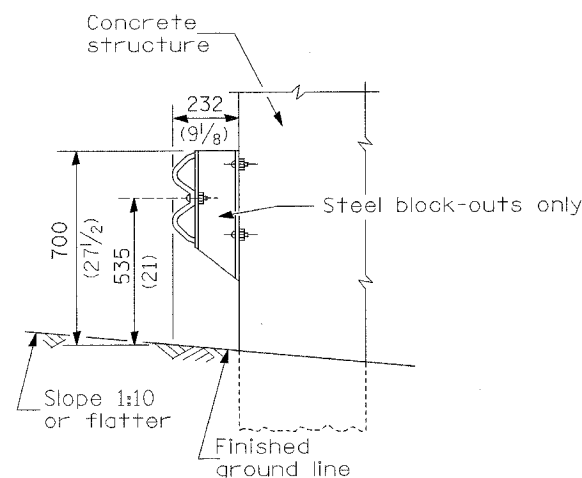
**GENERAL NOTES**

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.

This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.



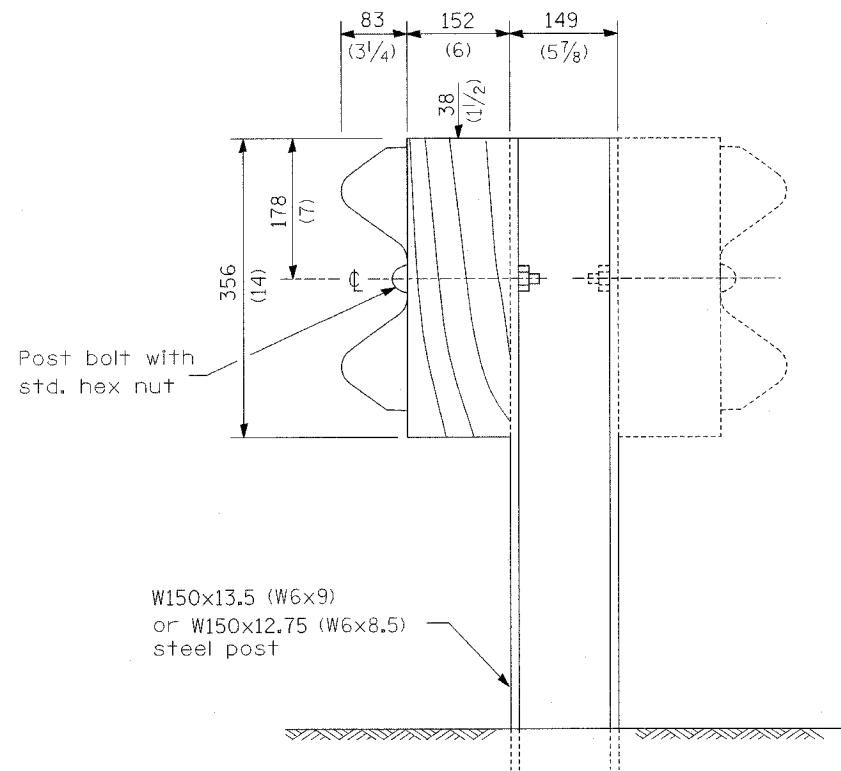
SECTION B-B

**STEEL PLATE BEAM GUARDRAIL**

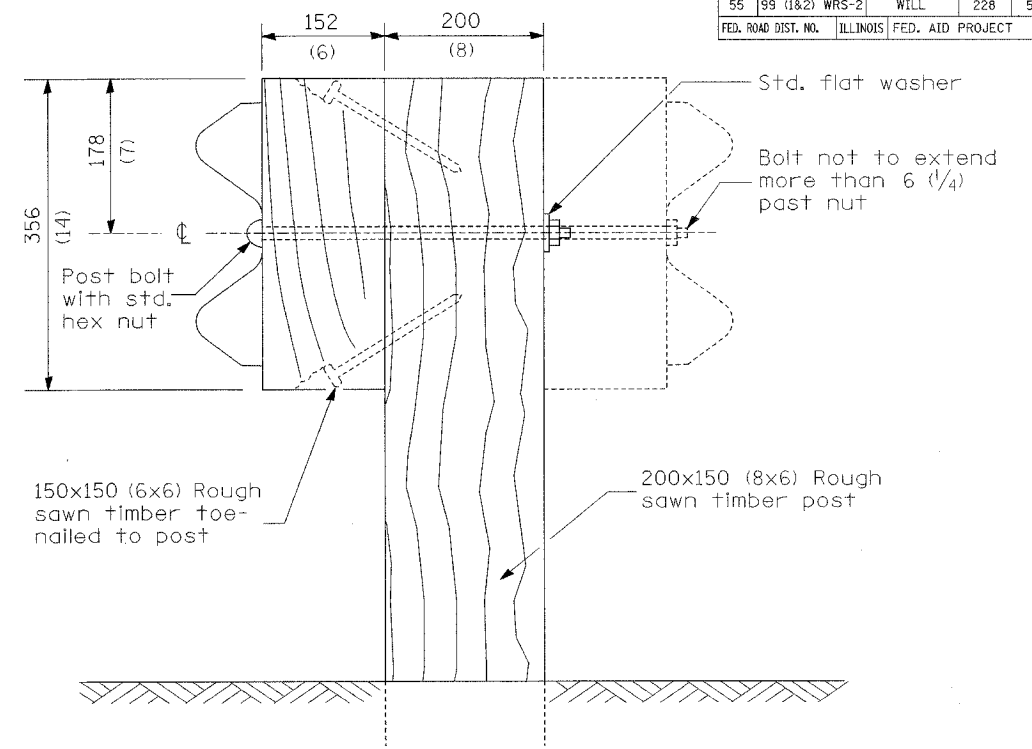
(Sheet 1 of 4)

**ROADWAY DETAIL**

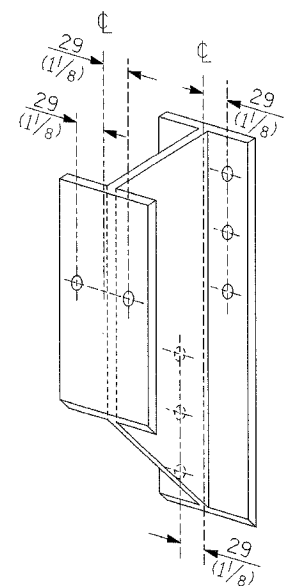
CONTRACT NO. 60B46				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	53B
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



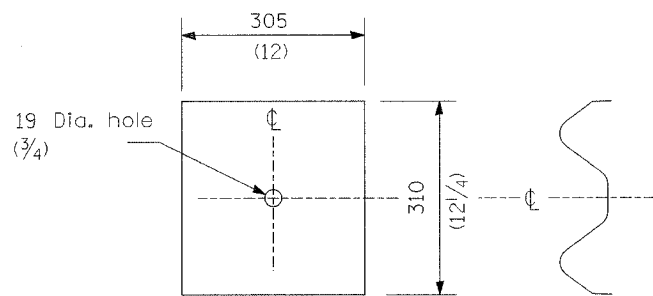
STEEL POST CONSTRUCTION



WOOD POST CONSTRUCTION



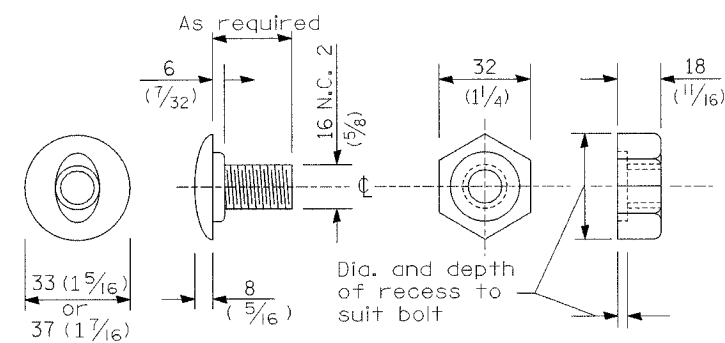
STEEL BLOCK-OUT DETAIL



NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



POST OR SPLICE BOLT & NUT

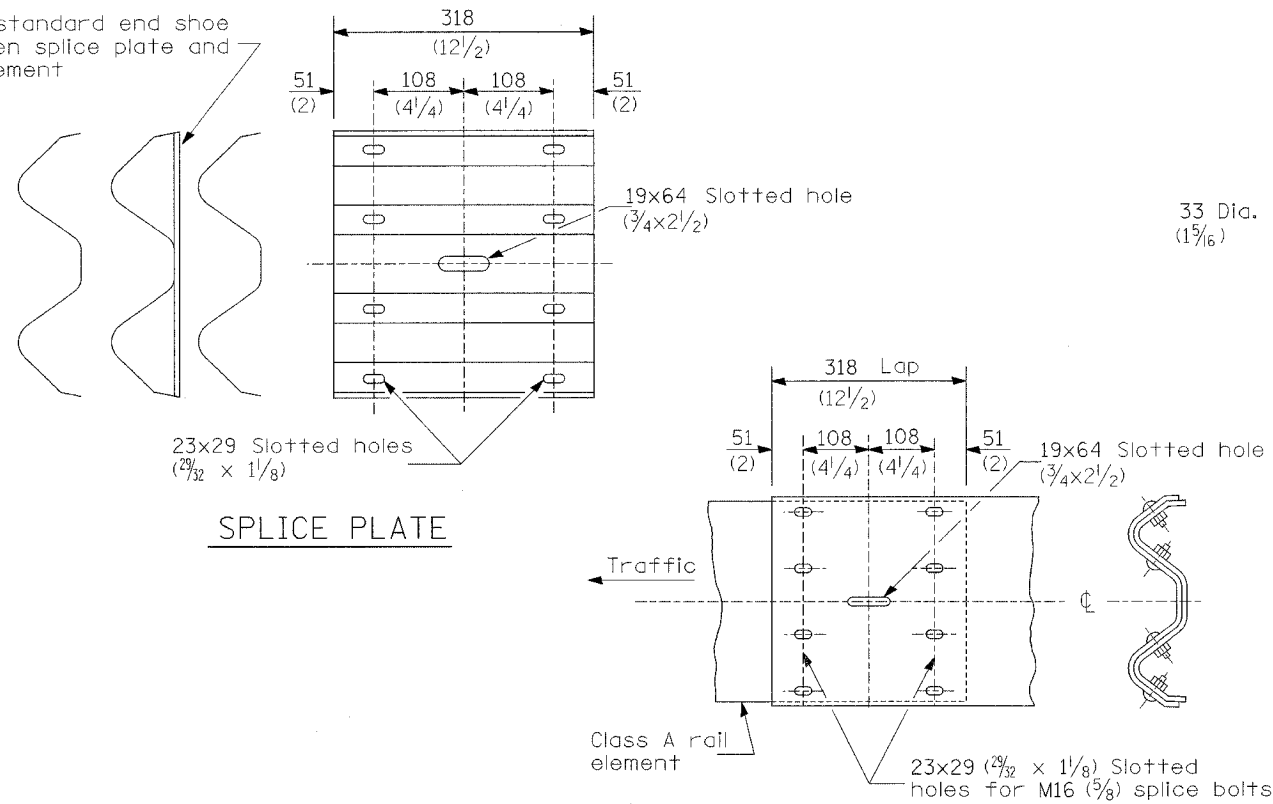
STEEL PLATE BEAM GUARDRAIL

(Sheet 2 of 4)

ROADWAY DETAIL

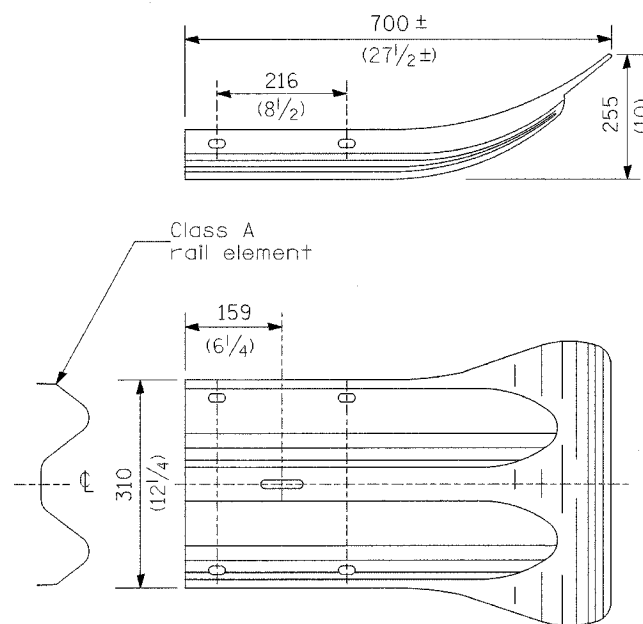
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2)	WRS-2	WILL	228
			FED. AID PROJECT	53C

Place standard end shoe between splice plate and rail element

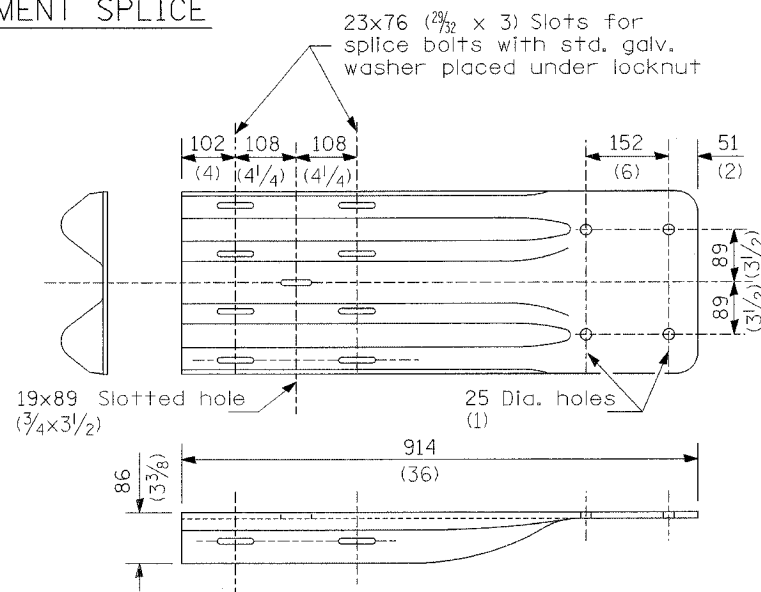


**SPLICE PLATE**

**RAIL ELEMENT SPLICE**



**END SECTION**



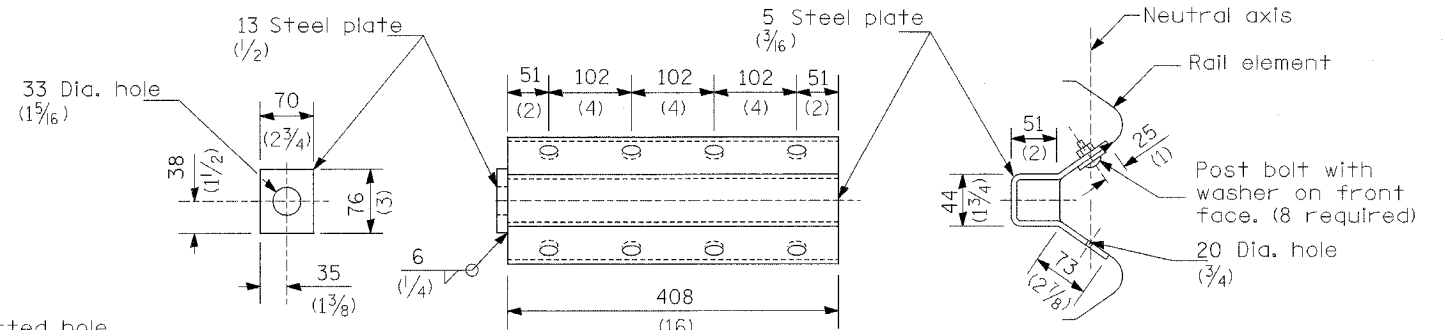
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

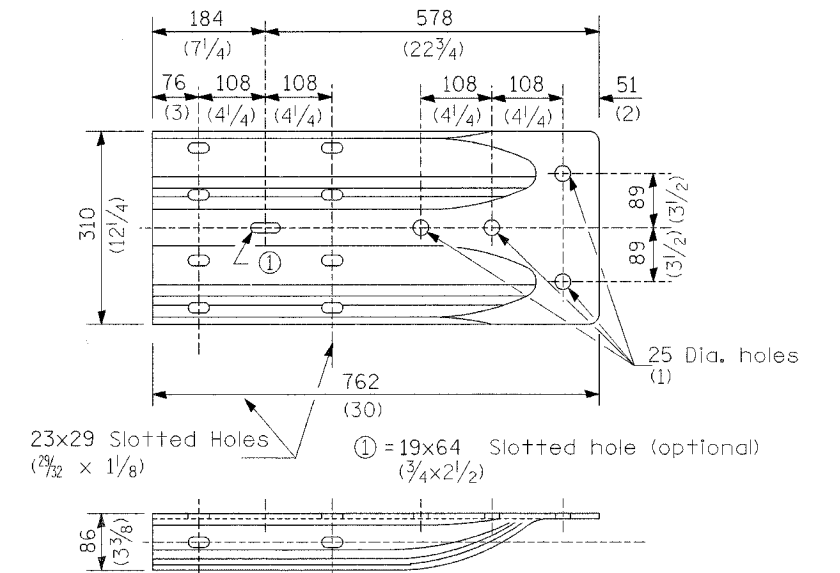
**END SHOE**



NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

**ANCHOR PLATE T DETAILS**



**ALTERNATE END SHOE**

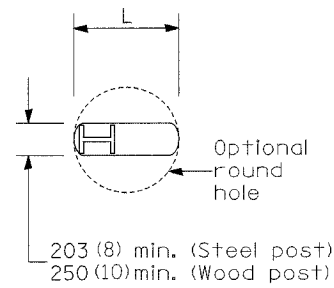
**STEEL PLATE BEAM GUARDRAIL**

(Sheet 3 of 4)

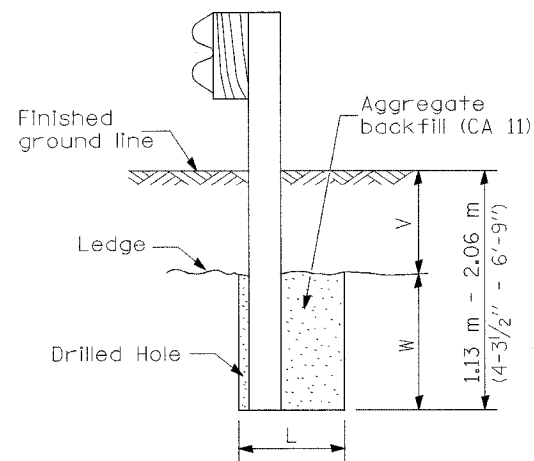
**ROADWAY DETAIL**



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	530
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



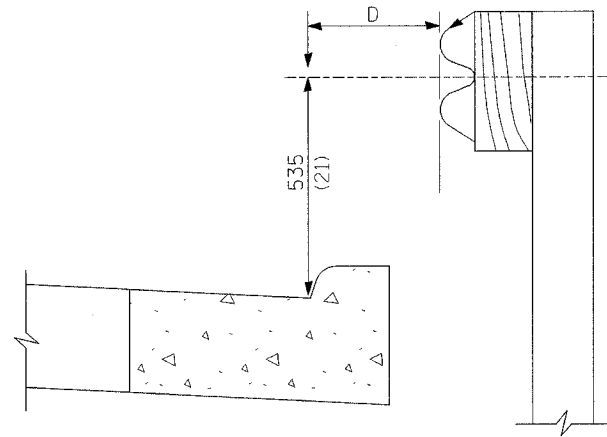
PLAN



Note:  
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

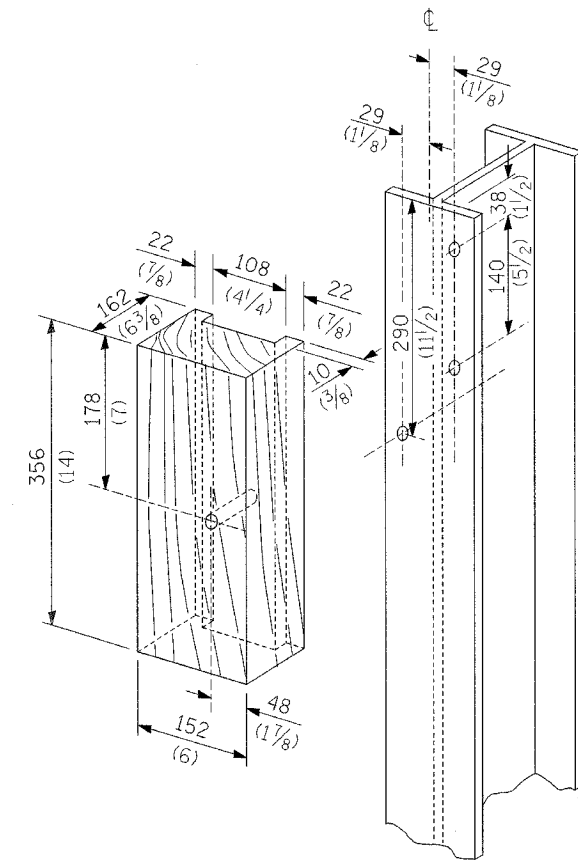


Note:

If it is necessary for D to be more than 300 (12) and less than 3.0 m (10'-0") type M-5 (M-2) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

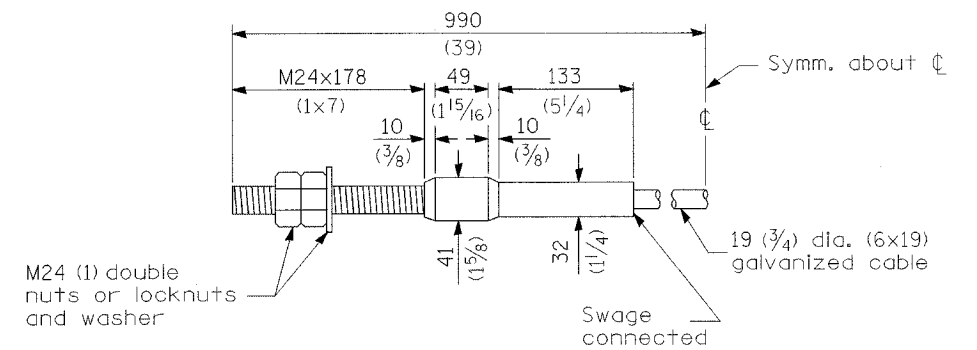
GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 300 (12) maximum)



WOOD BLOCK-OUT AND STEEL POST DETAILS

V	W	L	
		Steel Post	Wood Post
0 - 460 (0 - 18)	610 (24)	530 (21)	580 (23)
>460 - 825 (>18 - 41.5)	305 (12)	203 (8)	250 (10)
>825 - 1.13 m (>41.5 - 53.5)	305 - 0 (12 - 0)	203 (8)	250 (10)



CABLE ASSEMBLY

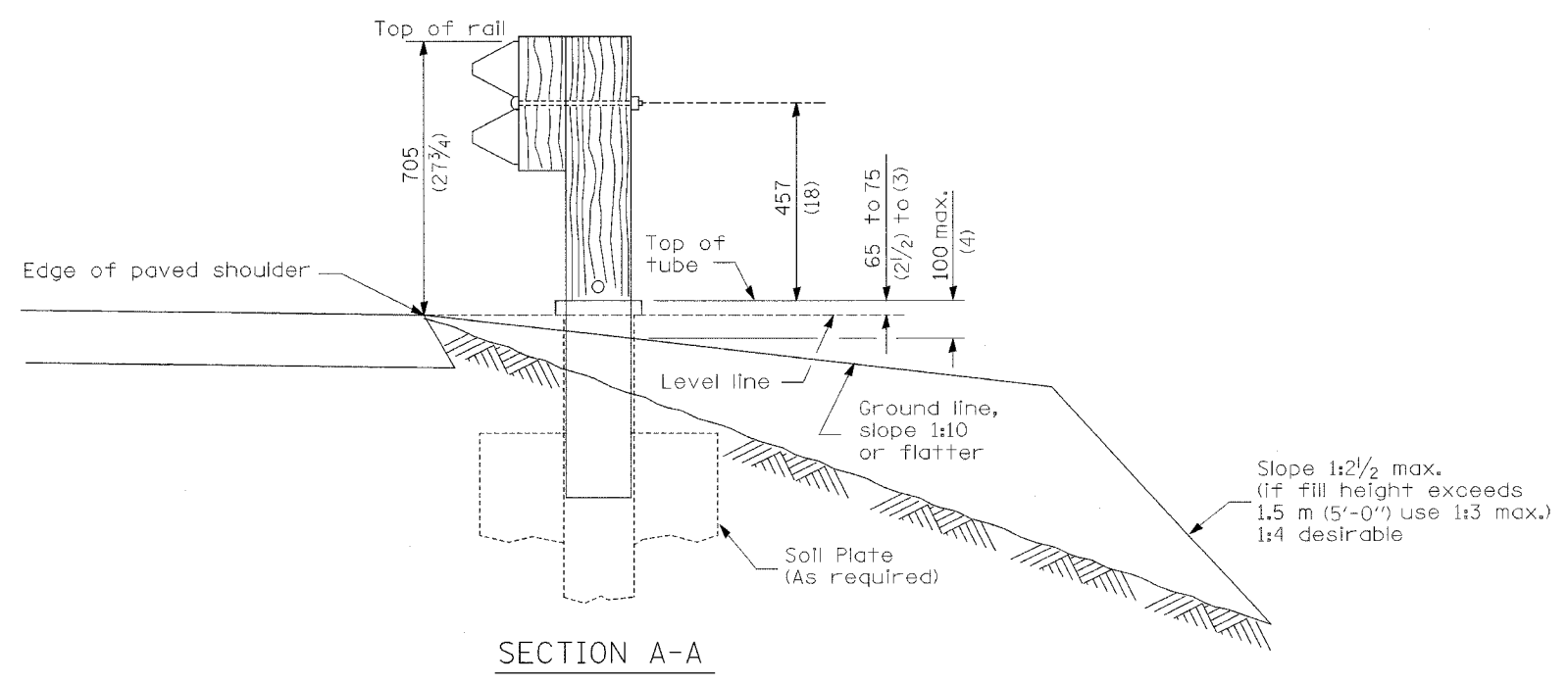
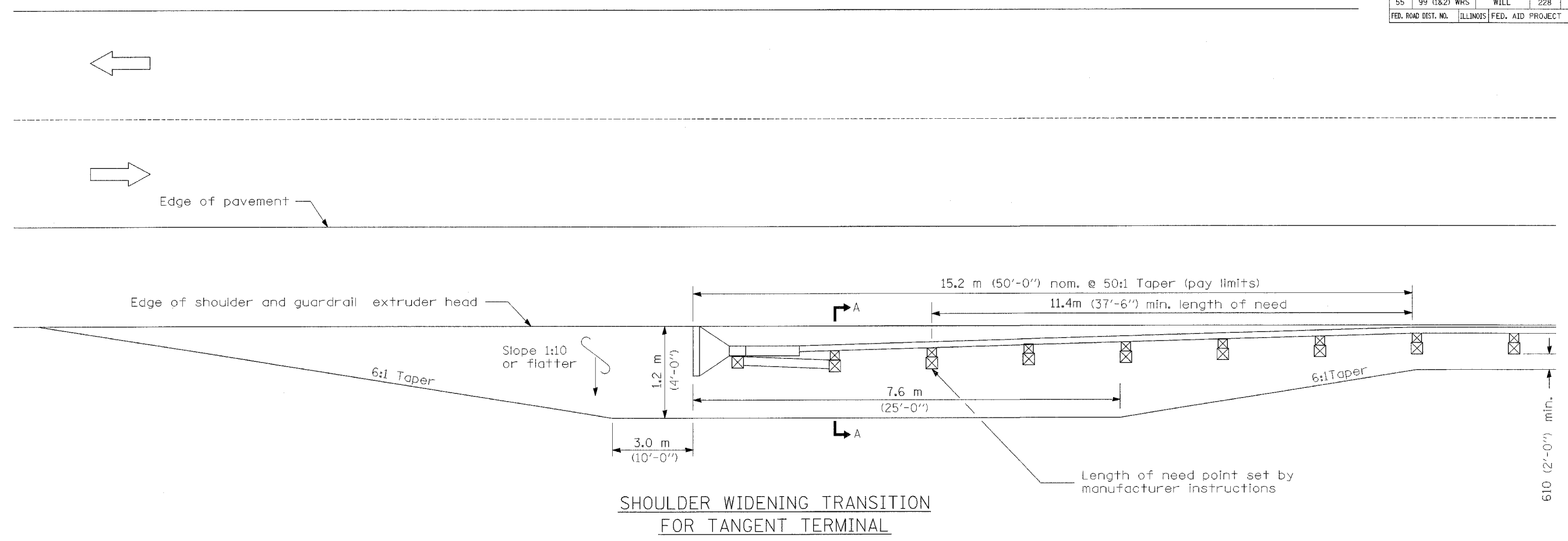
(18,100 kg (40,000 lbs.) min. breaking strength)  
Tighten to taut tension.

STEEL PLATE BEAM GUARDRAIL

(Sheet 4 of 4)

ROADWAY DETAIL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	228	53E
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**GENERAL NOTES**

50:1 Taper required so the guardrail head will not encroach on the shoulder.

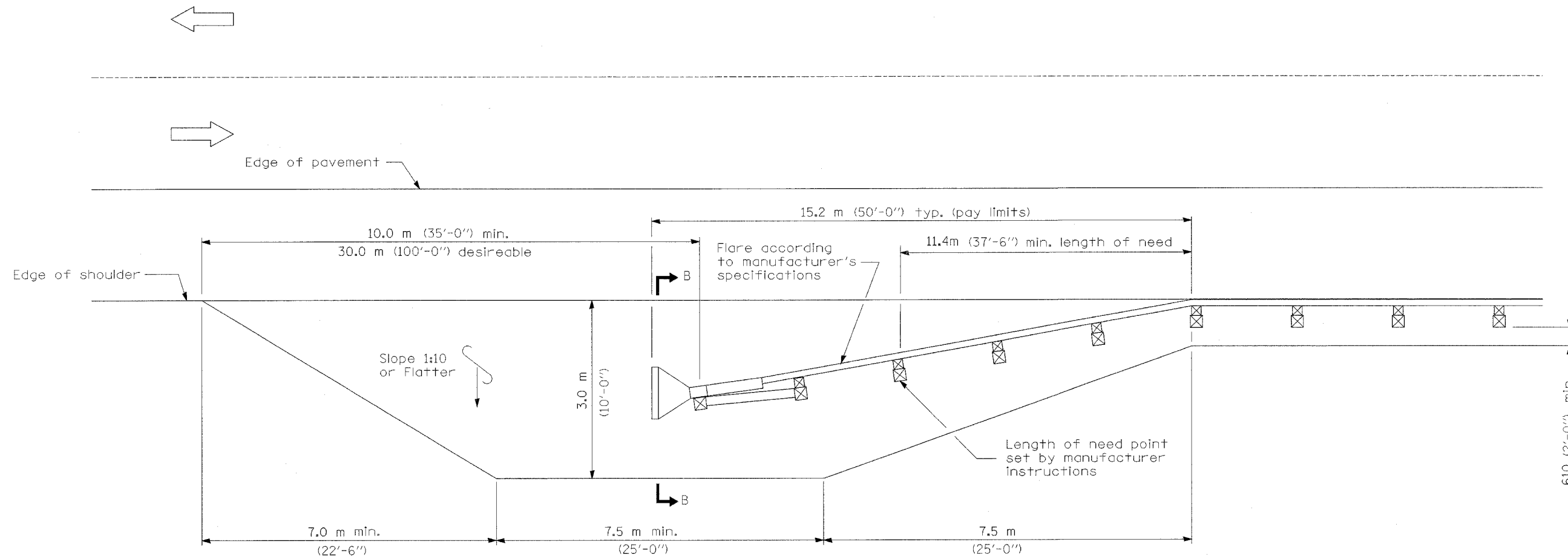
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

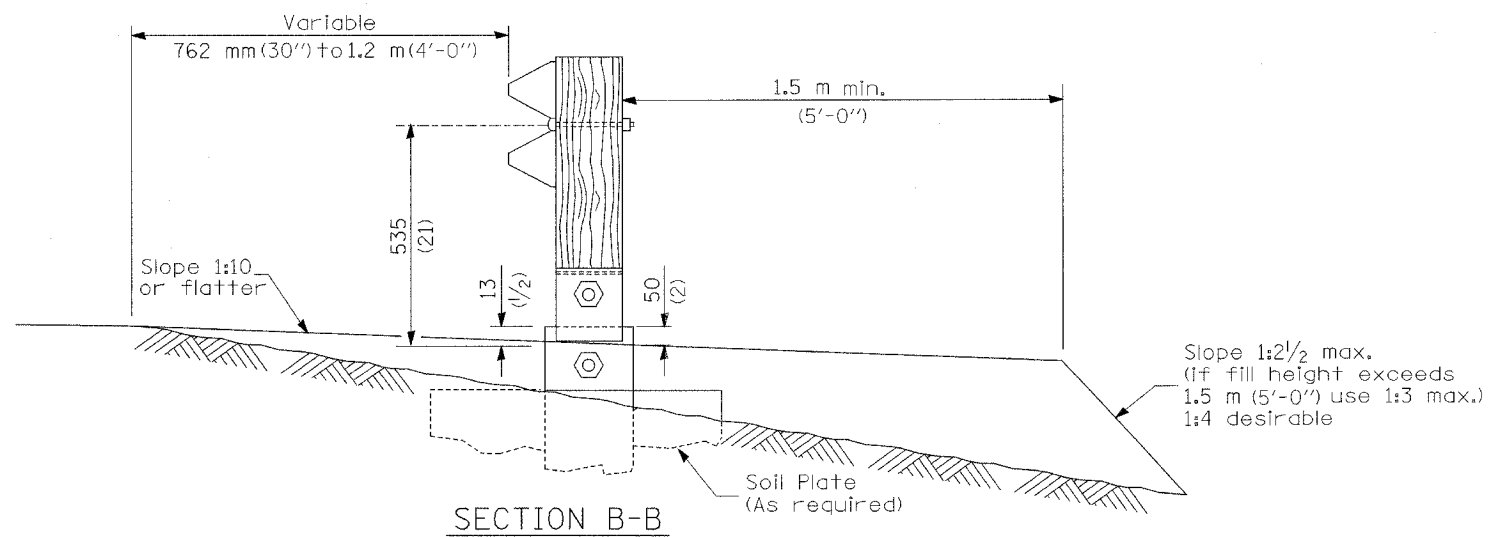
**SHOULDER WIDENING FOR  
TYPE 1 (SPECIAL)  
GUARDRAIL TERMINALS**  
(Sheet 1 of 2)

**ROADWAY DETAILS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	228	53F
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SHOULDER WIDENING TRANSITION FOR FLARED TERMINAL



SECTION B-B  
(End section omitted for clarity.)

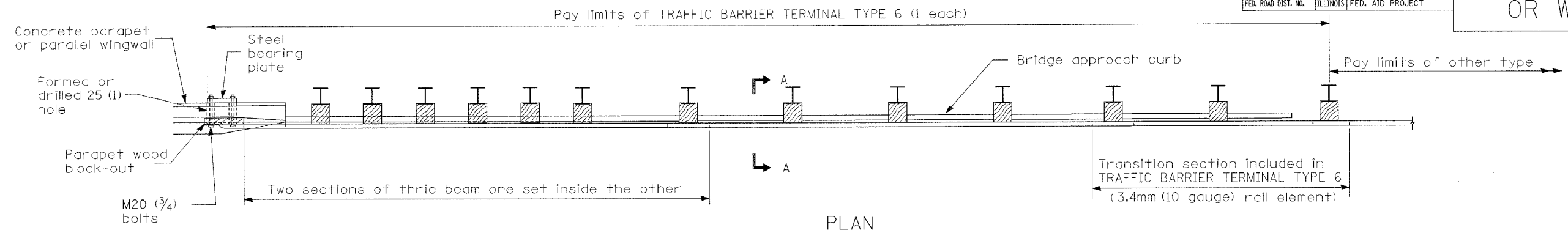
SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS  
(Sheet 2 of 2)

ROADWAY DETAILS

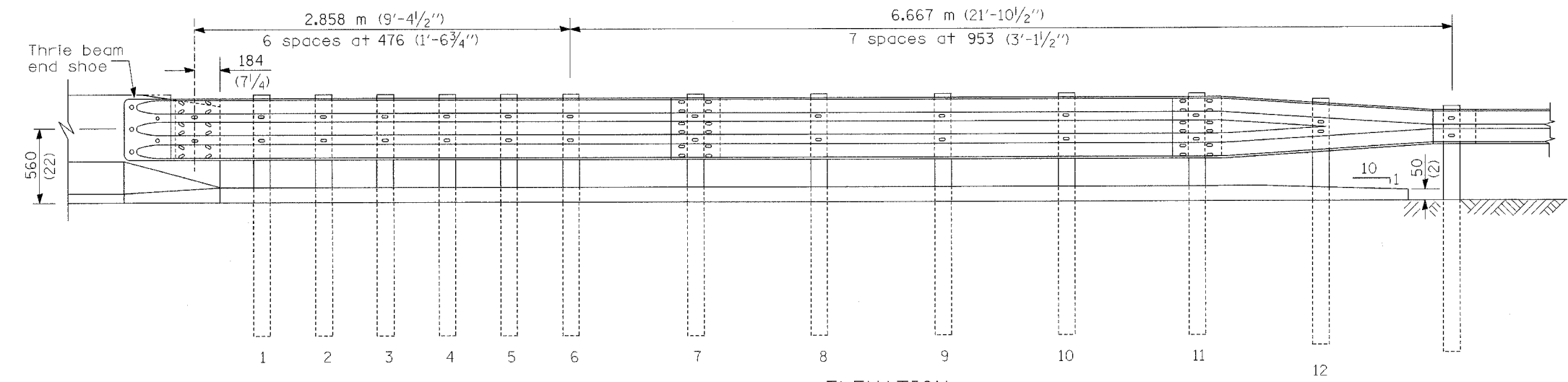
CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (182) WRS	WILL	228	53G
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

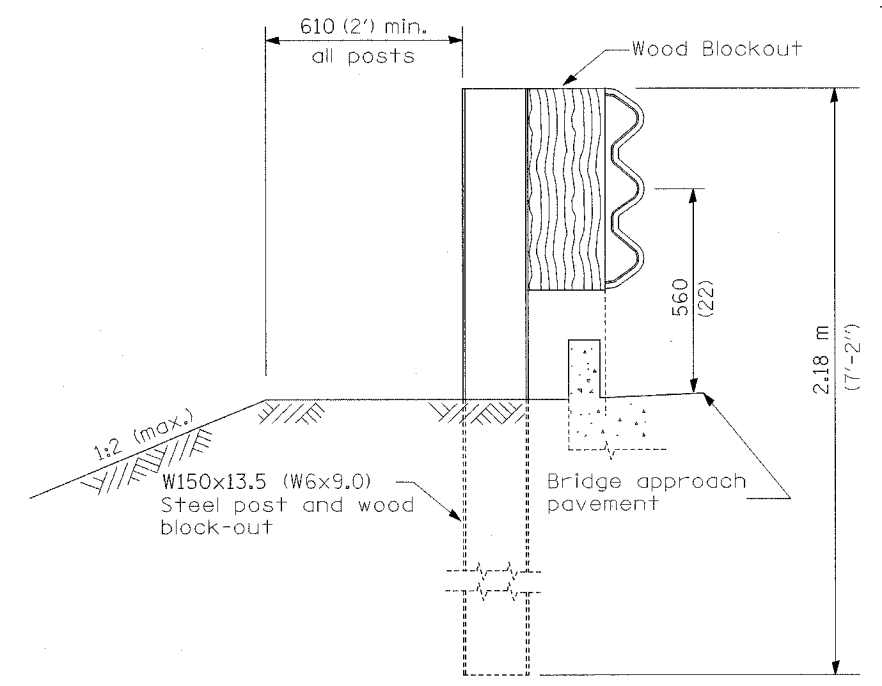
PARAPET OR WINGWALL



PLAN



ELEVATION



SECTION A-A

GENERAL NOTES

- See Standard 630001 for details of guardrail not shown.
- Thrie beam rail shall be bolted to block-out at all posts.
- See Standard 420401 for details of bridge approach pavement.
- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- All dimensions are in millimeters (inches) unless otherwise shown.

TRAFFIC BARRIER TERMINAL, TYPE 6

Sheet 1 of 3

ROADWAY DETAILS

CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	228	53H
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

OTHER CONCRETE STRUCTURE

5 Epoxy grouted M20 (3/4) anchor bolts with standard washers. After tightening, cut the anchor bolts flush with nuts, and damage the nut to prevent it from loosening.

Pay limits of TRAFFIC BARRIER TERMINAL TYPE 6 (1 each)

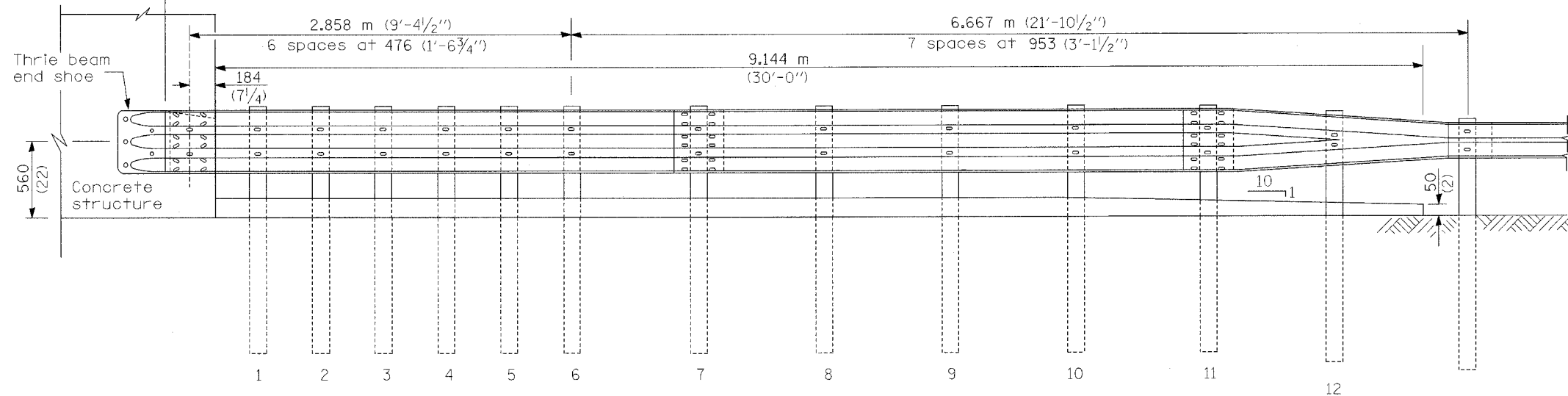
Type B concrete curb

Pay limits of other type

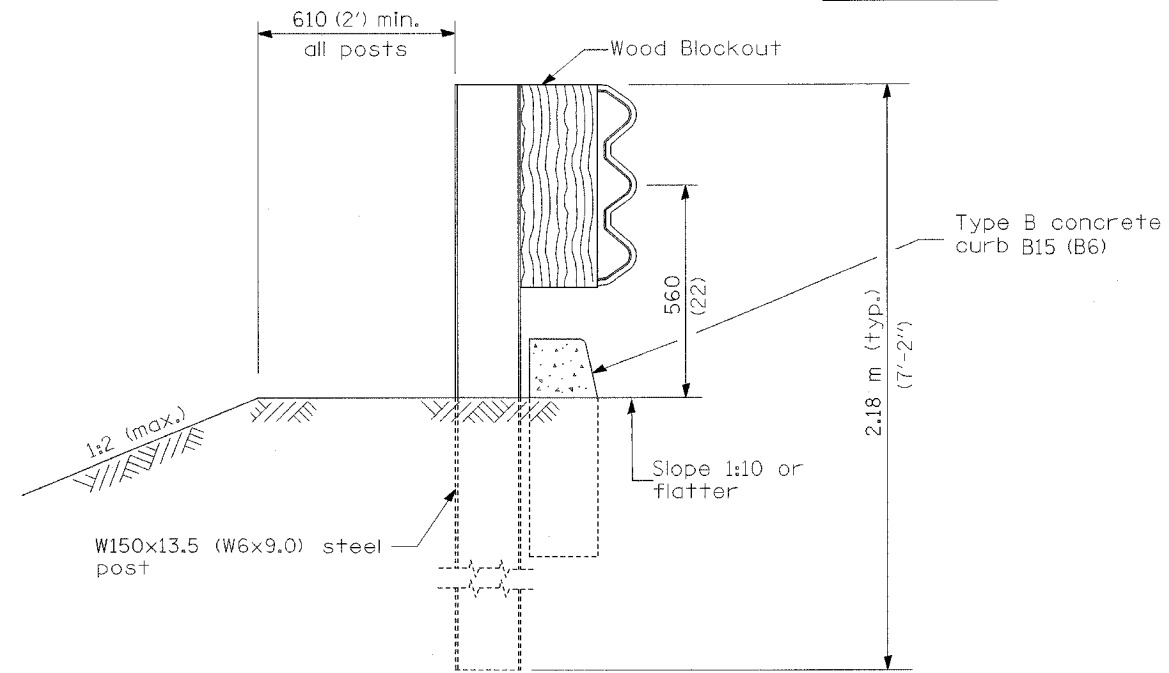
Two sections of thrie beam one set inside the other

Transition section included in TRAFFIC BARRIER TERMINAL TYPE 6 (3.4mm (10 gauge) rail element)

PLAN



ELEVATION



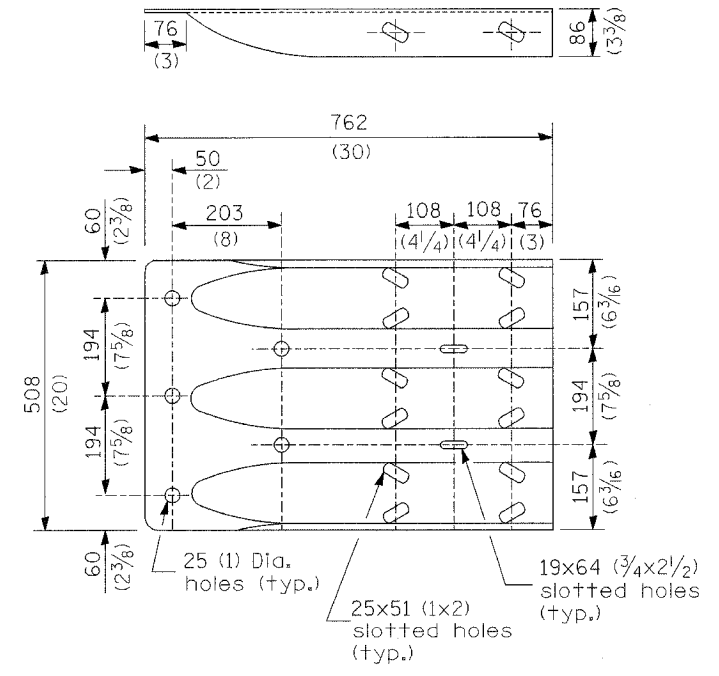
SECTION B-B

TRAFFIC BARRIER TERMINAL, TYPE 6

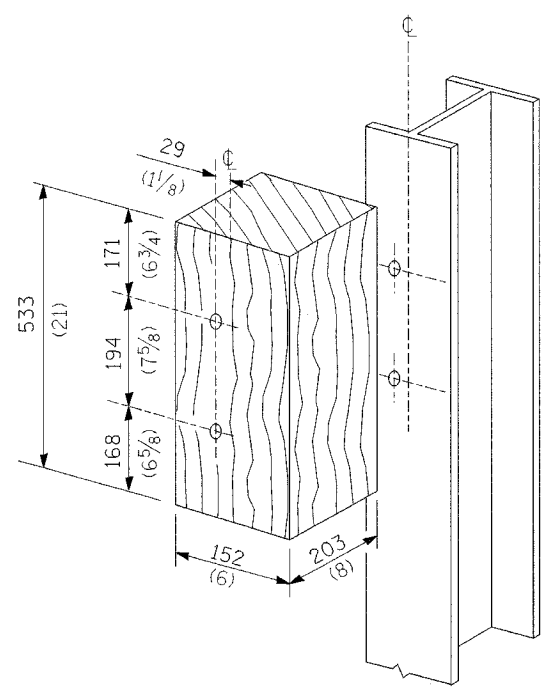
Sheet 2 of 3

ROADWAY DETAILS

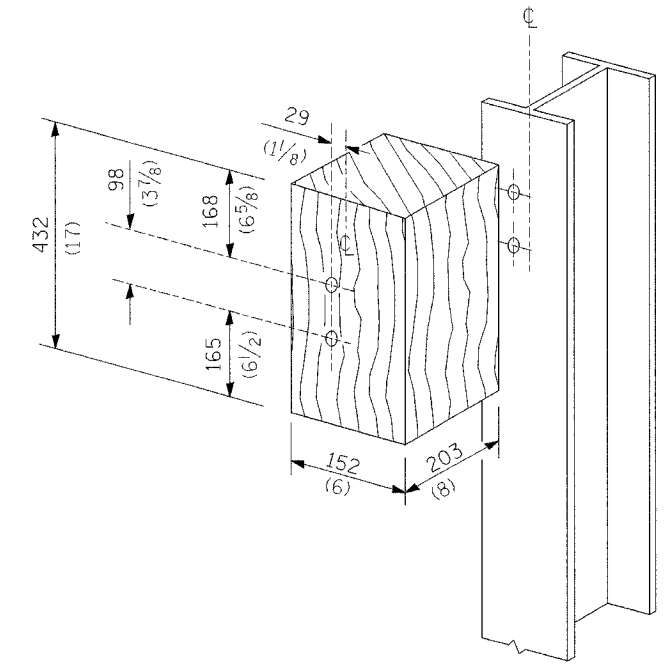
CONTRACT NO. 60B46				
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



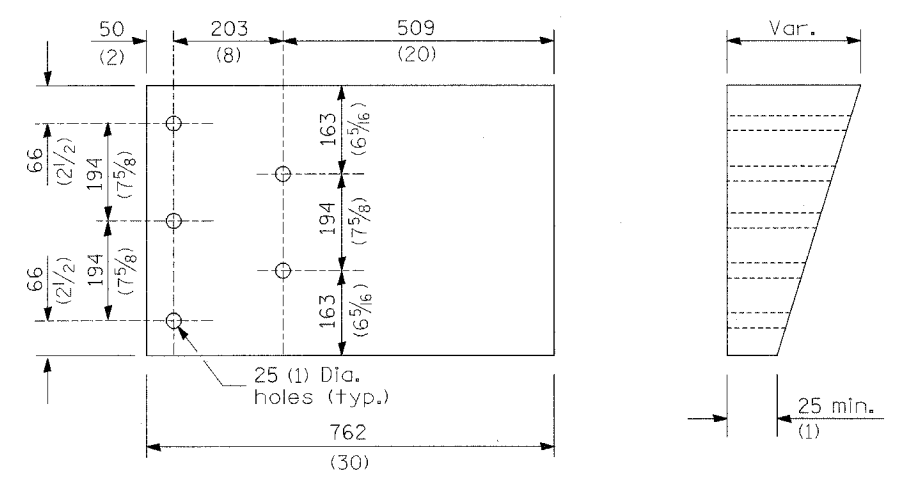
THRIE BEAM END SHOE DETAIL



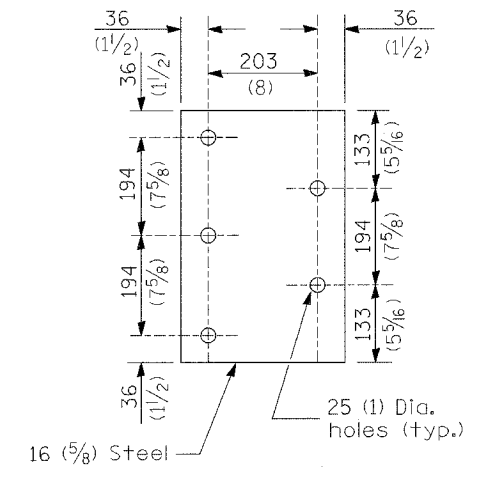
POSTS 1-11 WOOD BLOCKOUT DETAIL



POST 12 WOOD BLOCKOUT DETAIL



PARAPET WOOD BLOCK-OUT DETAIL



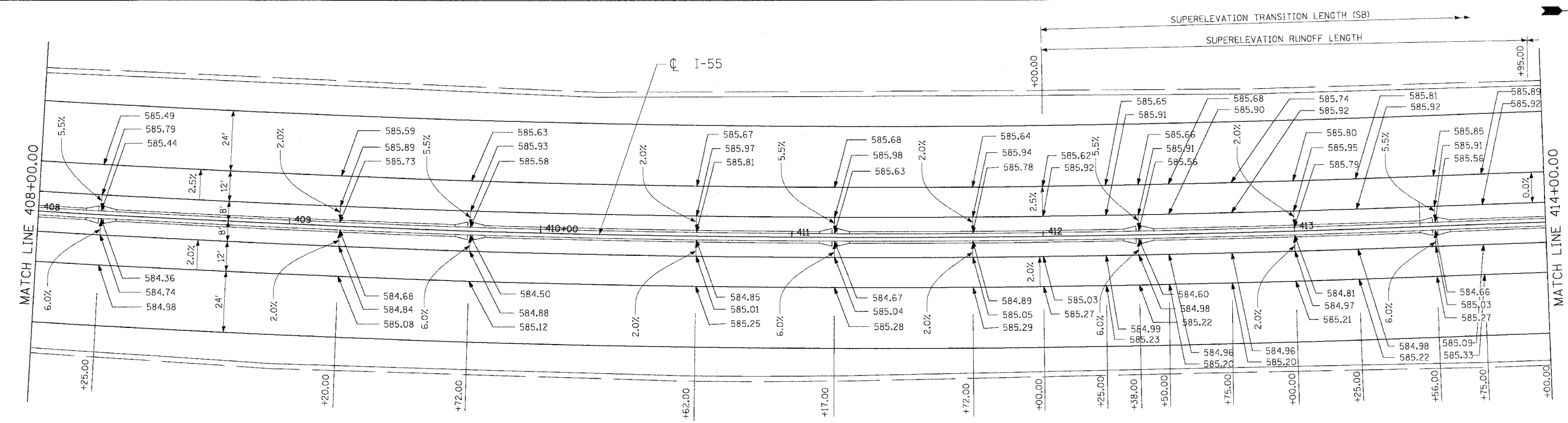
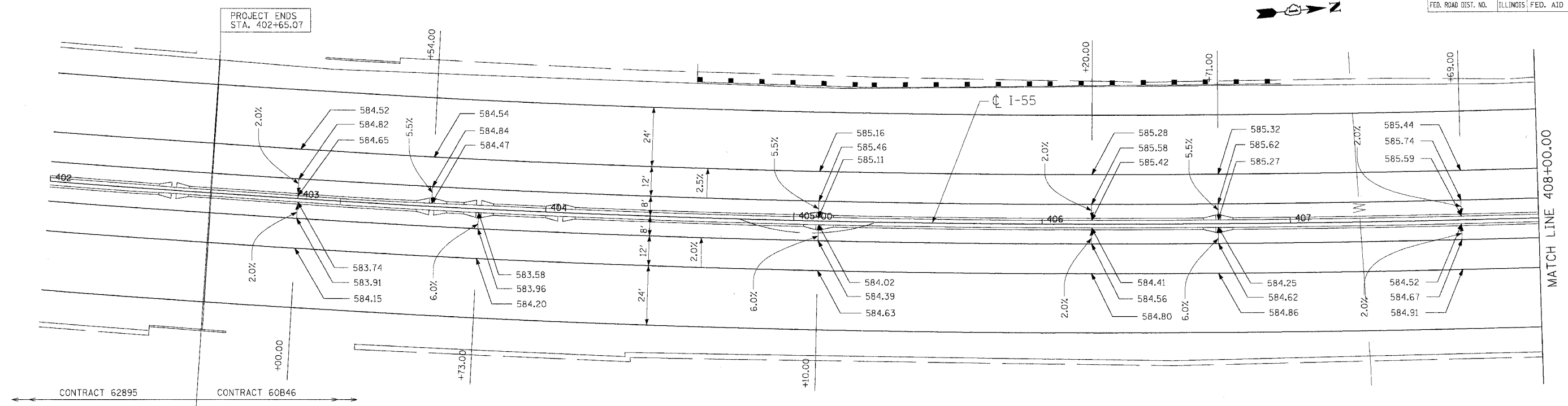
PARAPET STEEL BEARING PLATE DETAIL

(5 each individual 125x125x16 (5x5x5/8) steel plates with centered 25 (1) holes may be substituted for the plate shown.)

TRAFFIC BARRIER  
 TERMINAL, TYPE 6  
 Sheet 3 of 3  
**ROADWAY DETAILS**



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 02/23/07  
 FILE NAME = 60B46.DWG  
 PLOT SCALE = 1/4"=1'-0"  
 USER NAME = JUSERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**PAVEMENT ELEVATION DETAILS**  
**FAI 55**  
**STA. 402+65.07 TO STA. 414+00.00**

SCALE: 1"=20'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH

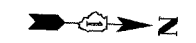
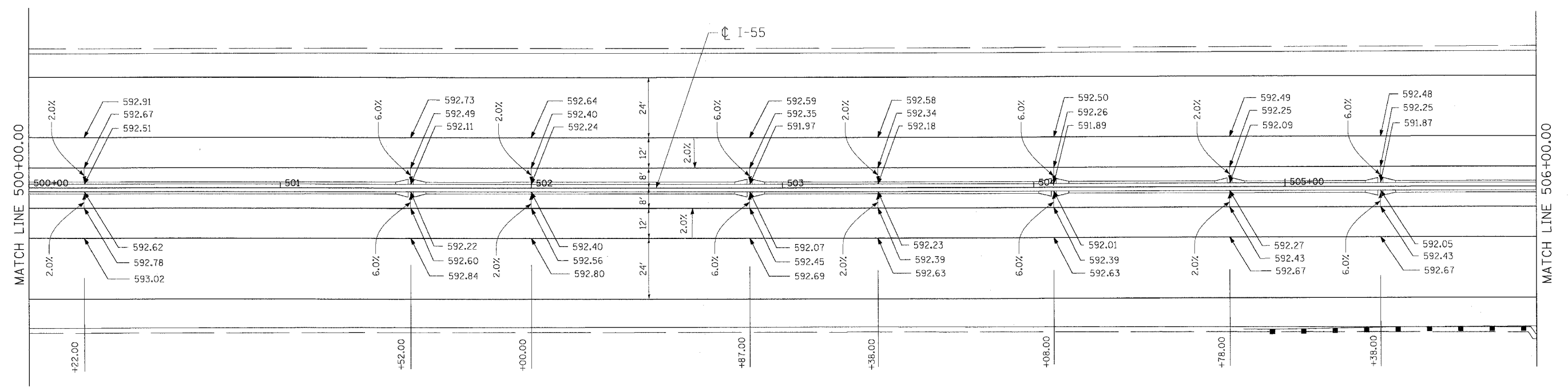
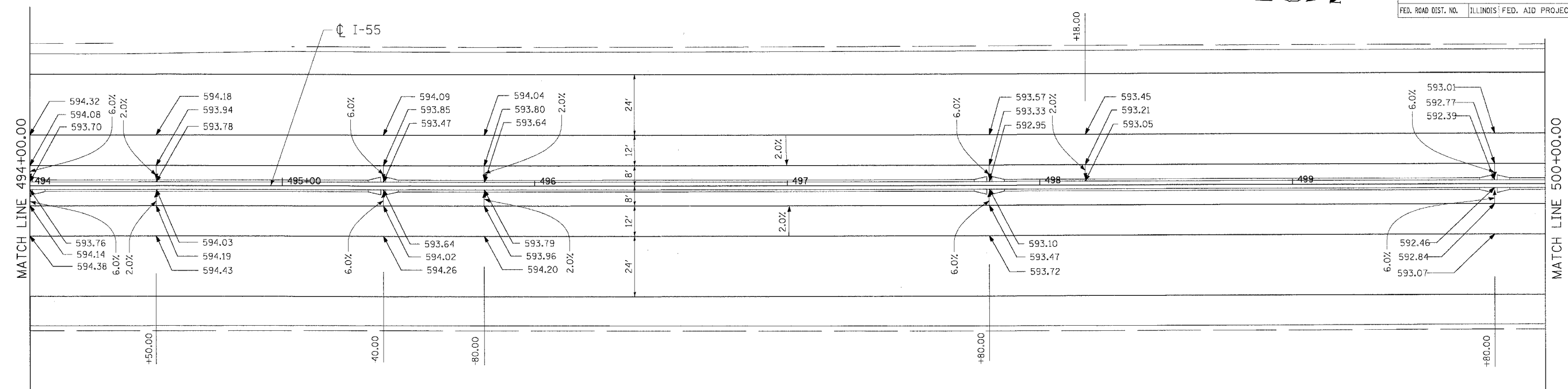
**TENG** ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



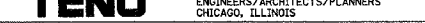
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

**PAVEMENT ELEVATION DETAILS  
FAI 55  
STA. 494+00.00 TO STA. 506+00.00**

SCALE: 1"=20' DRAWN BY MRK

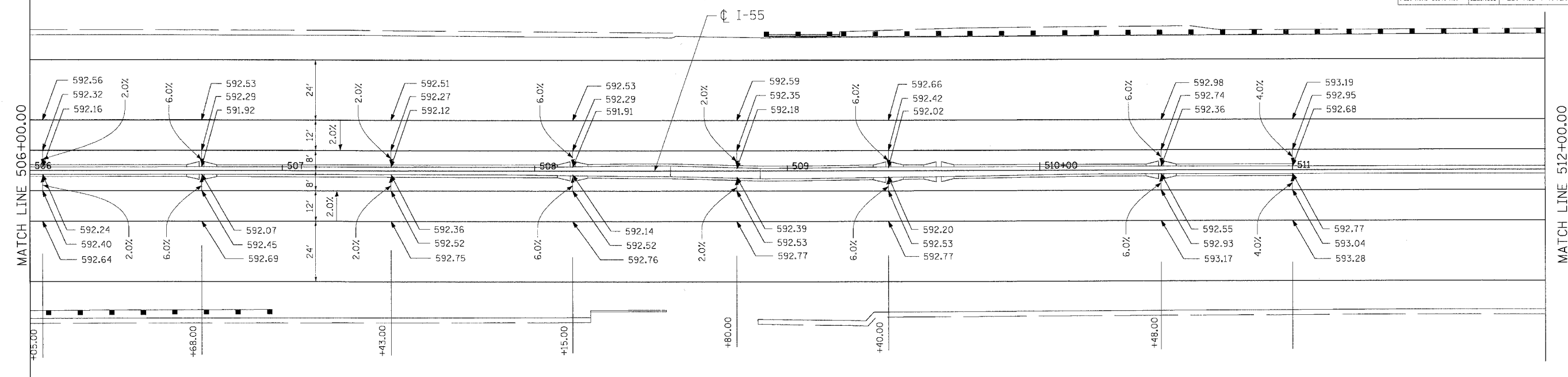
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TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

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PLOT SCALE = 1/2"=20'  
PLOT USER = DDH  
DRAWN BY MRK  
CHECKED BY DDH  
DATE 02/23/07  
SCALE 1/2"=20'  
PROJECT ILLINOIS DEPARTMENT OF TRANSPORTATION  
CONTRACT NO. 60B46  
SECTION 99 (1&2) WRS-2  
COUNTY WILL.  
TOTAL SHEETS 228  
SHEET NO. 58  
STA. 494+00.00 TO STA. 506+00.00  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

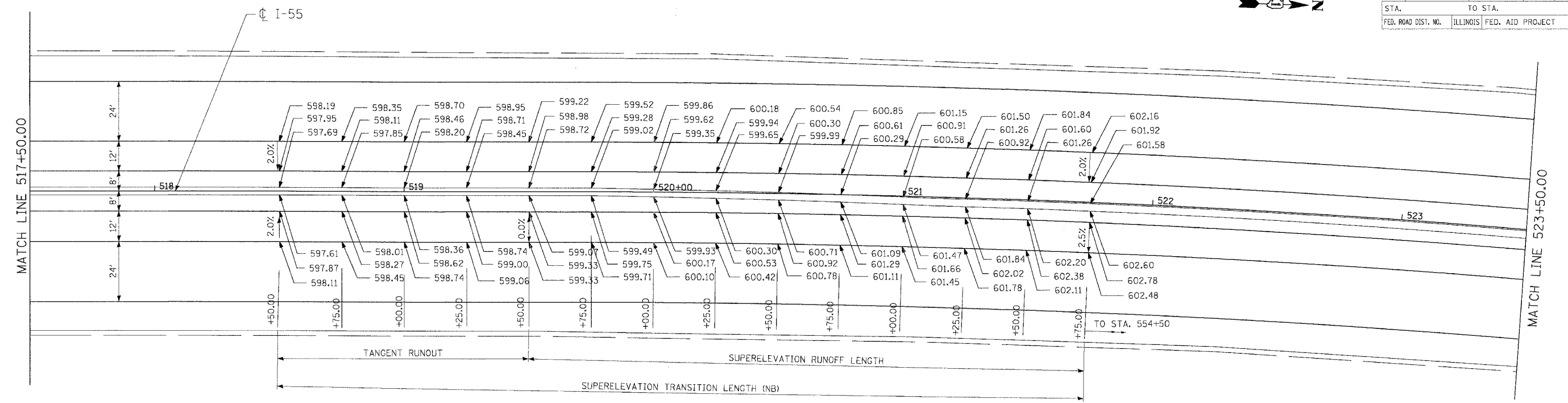
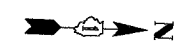
**PAVEMENT ELEVATION DETAILS**  
**FAI 55**  
**STA. 506+00.00 TO STA. 512+00.00**

SCALE: 1"=20'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 02/23/07  
 PLOT SCALE = 1/4"=10'  
 PLOT SHEET = 60B46-001  
 USER NAME = JLSBET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**PAVEMENT ELEVATION DETAILS  
 FAI 55  
 STA. 517+50.00 TO STA. 523+50.00**

SCALE: 1"=20'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH

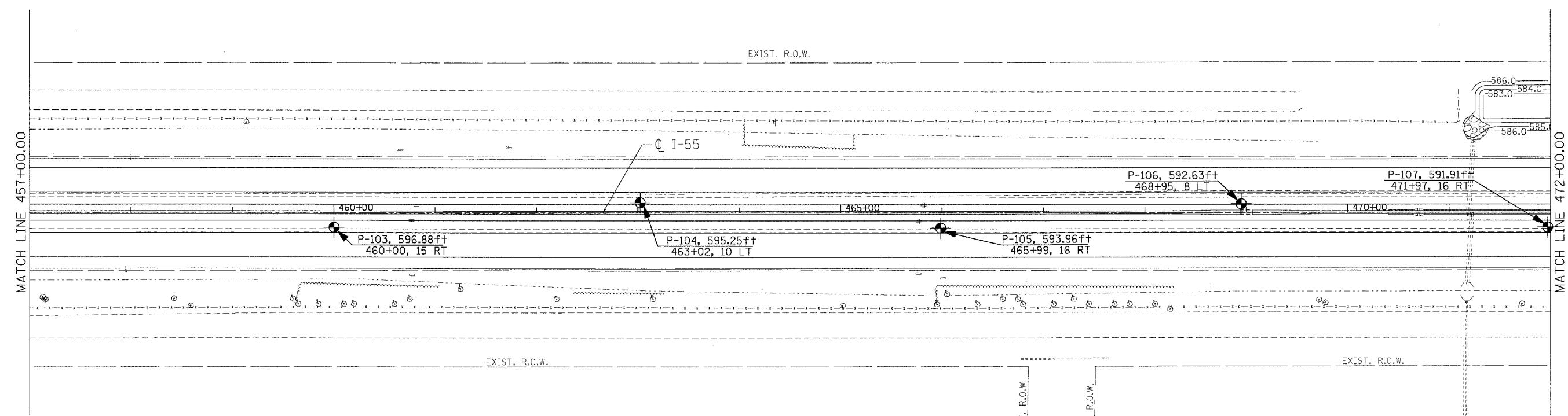
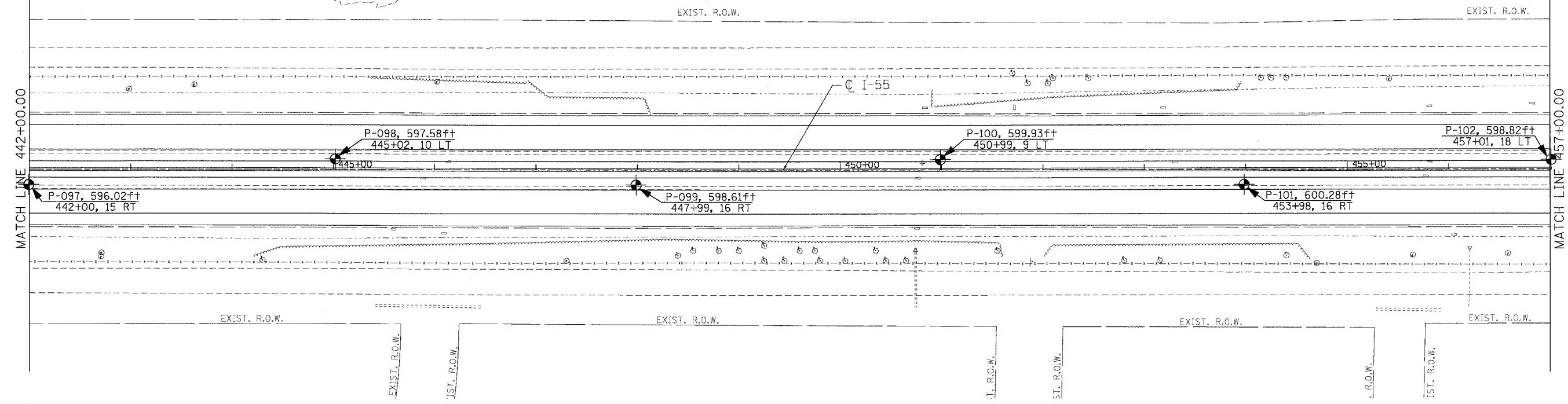
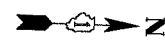
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = 02/23/07  
 FILE NAME = 60B46.DWG  
 USER = ED/AB

DRAWN BY: ED/AB	CHECKED BY: LI	555-11-01
Wong Engineering, Inc. Geo-Environmental Engineers 1145 Main Street Lombard, IL 60148 630-953-9928		
CREATED BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC.		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**SOIL BORING PLAN**  
**FAI 55**  
**STA. 442+00.00 TO STA. 472+00.00**

SCALE: 1"=50'  
 DATE: 02/23/07

DRAWN BY: MW  
 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

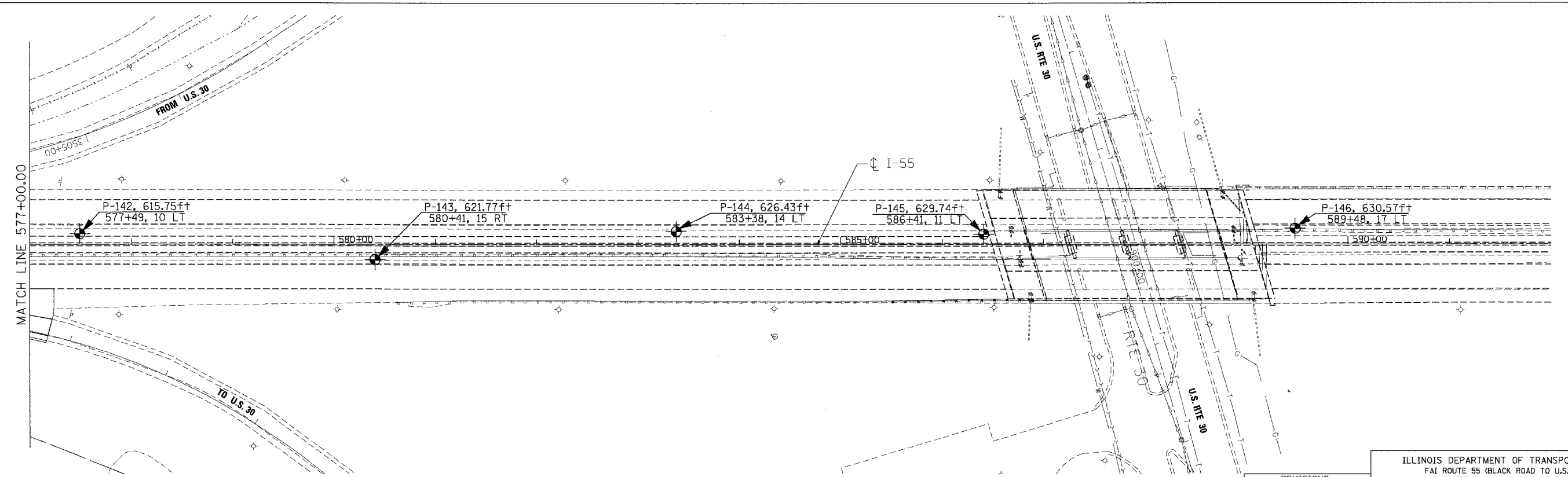
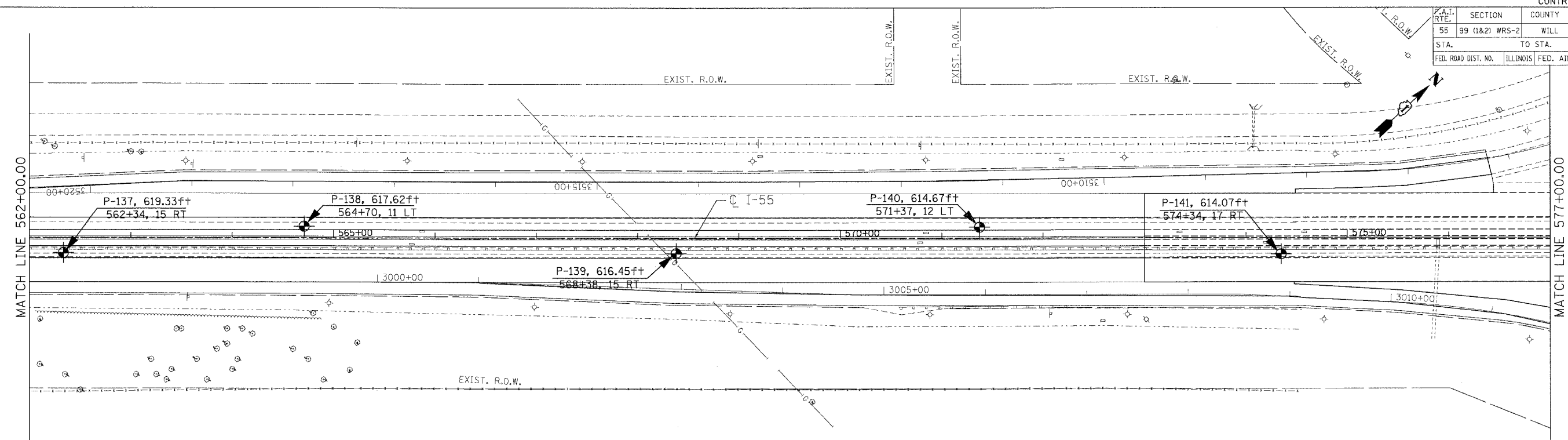








P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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DRAWN BY: ED/AB    CHECKED BY: JJ    555-11-01  
 Wang Engineering, Inc.    1145 Main Street  
 Geo-Environmental Engineers    Lombard, IL 60148  
 630-953-9928  
 CREATED BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATS, INC.

REVISIONS	
NAME	DATE

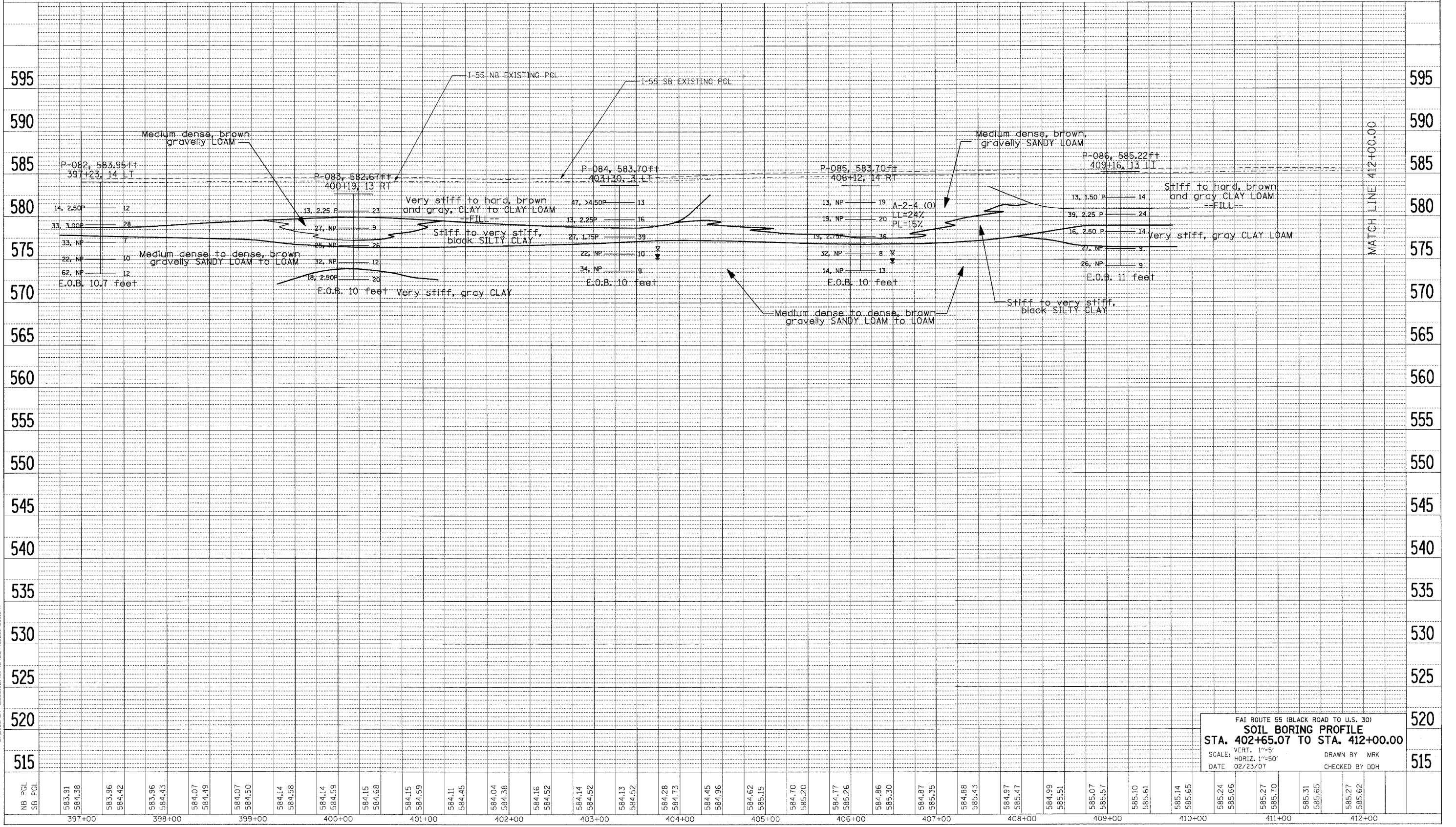
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING  
**SOIL BORING PLAN**  
**FAI 55**  
**STA. 562+00.00 TO STA. 592+00.00**  
 SCALE: 1"=50'  
 DATE 02/23/07  
 DRAWN BY MW  
 CHECKED BY DDH  
**TENG**    TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2)	WILL	228	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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 CHECKED: \_\_\_\_\_  
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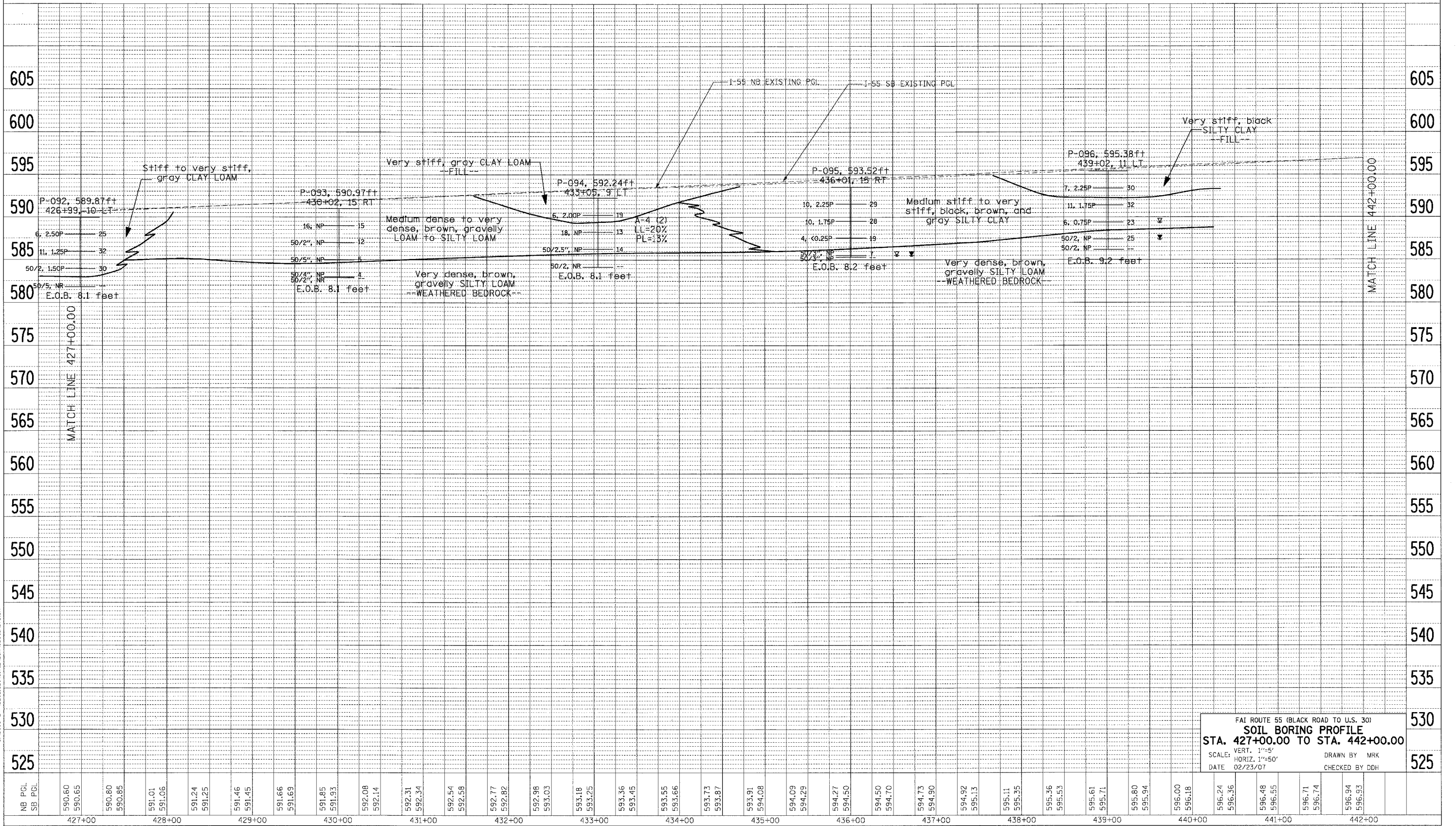


FBI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
 STA. 402+65.07 TO STA. 412+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	71
STA. TO STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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 CHECKED: \_\_\_\_\_ DATE: \_\_\_\_\_  
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FBI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
 STA. 427+00.00 TO STA. 442+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH

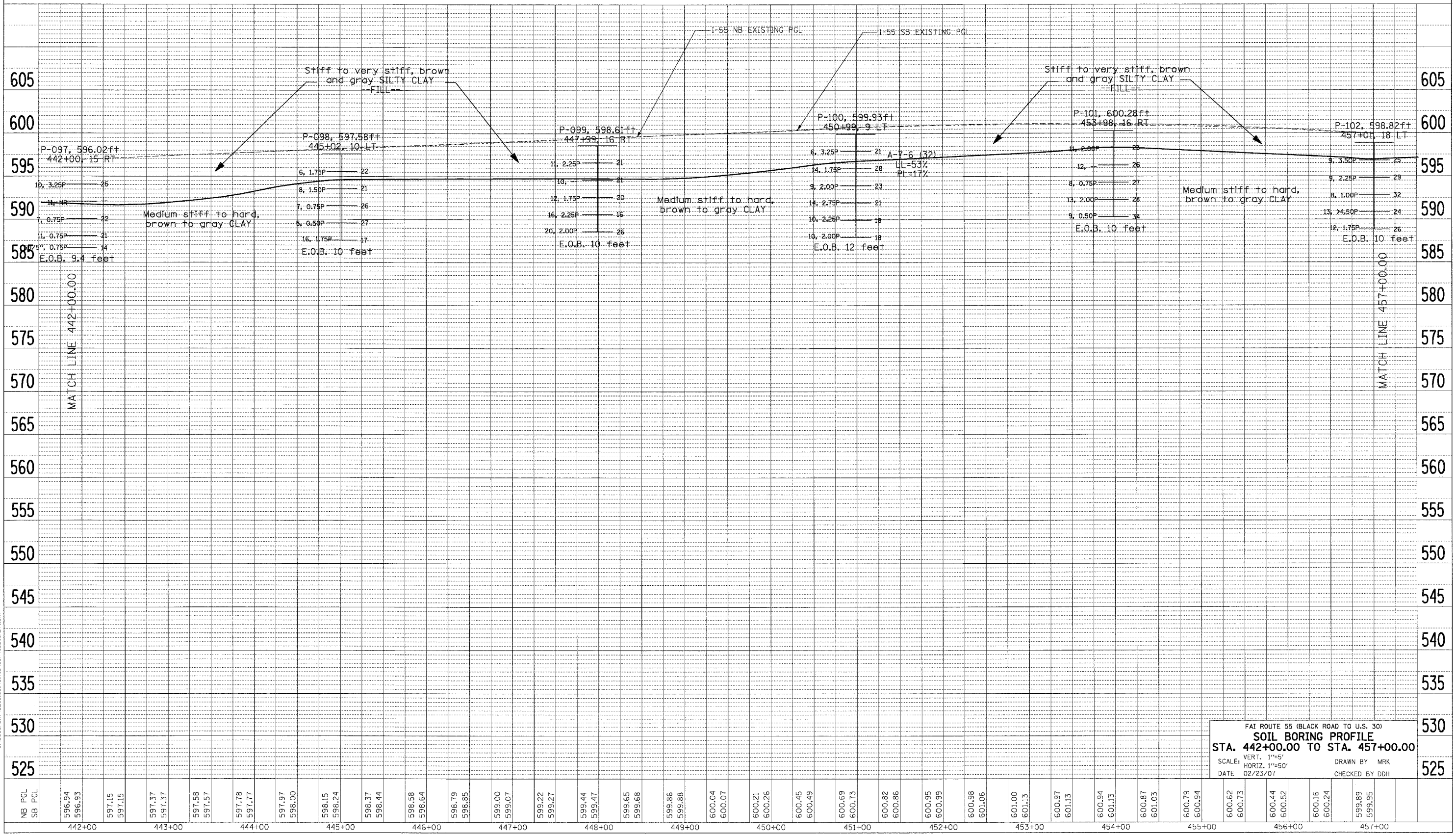


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY

DATE	BY
DATE	BY

SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 PLOTTED \_\_\_\_\_ BY \_\_\_\_\_  
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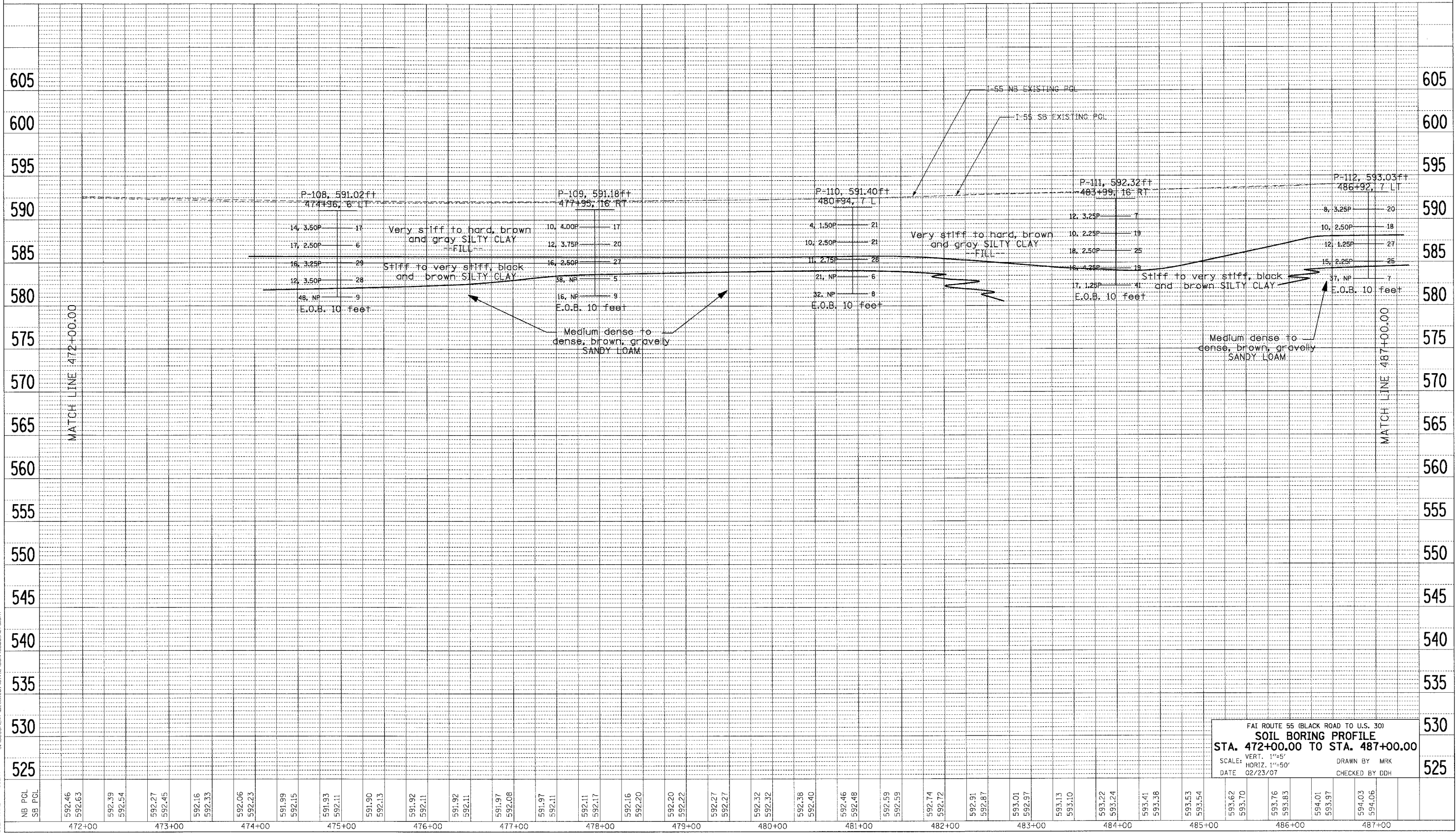


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	74
STA. TO STA.		ILLINOIS FED. AID PROJECT		

DATE	
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PLOT DATE = 02/23/07  
 PLOT SCALE = 1"=50'  
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FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
 STA. 472+00.00 TO STA. 487+00.00  
 SCALE: VERT. 1"=5'      DRAWN BY MRK  
 DATE 02/23/07      CHECKED BY DDH

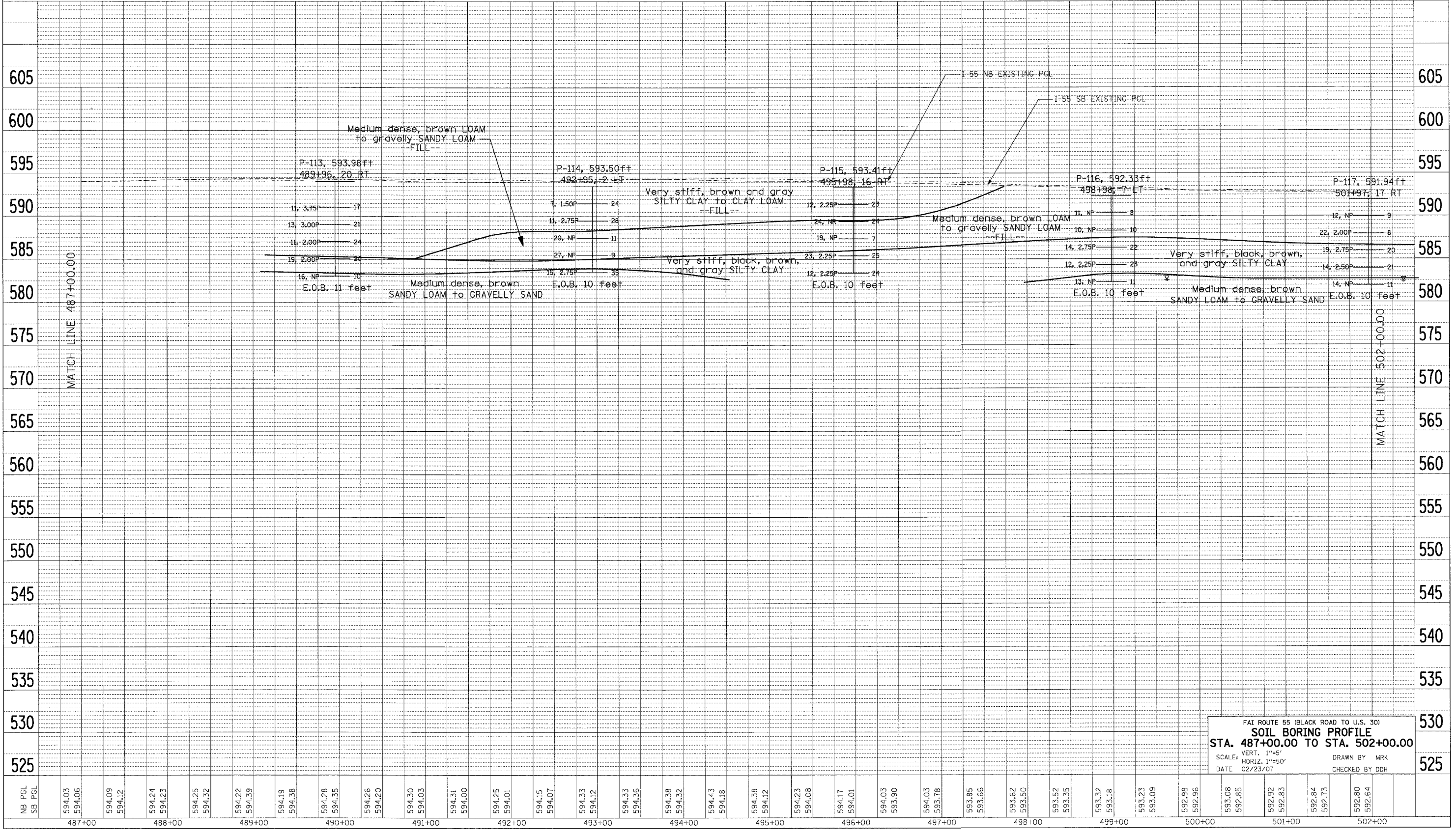


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 CAD FILE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 CAD FILE NAME: \_\_\_\_\_

PLOT DATE: #DATE#  
 PLOT SCALE: #SCALE#  
 USER NAME: #USER#  
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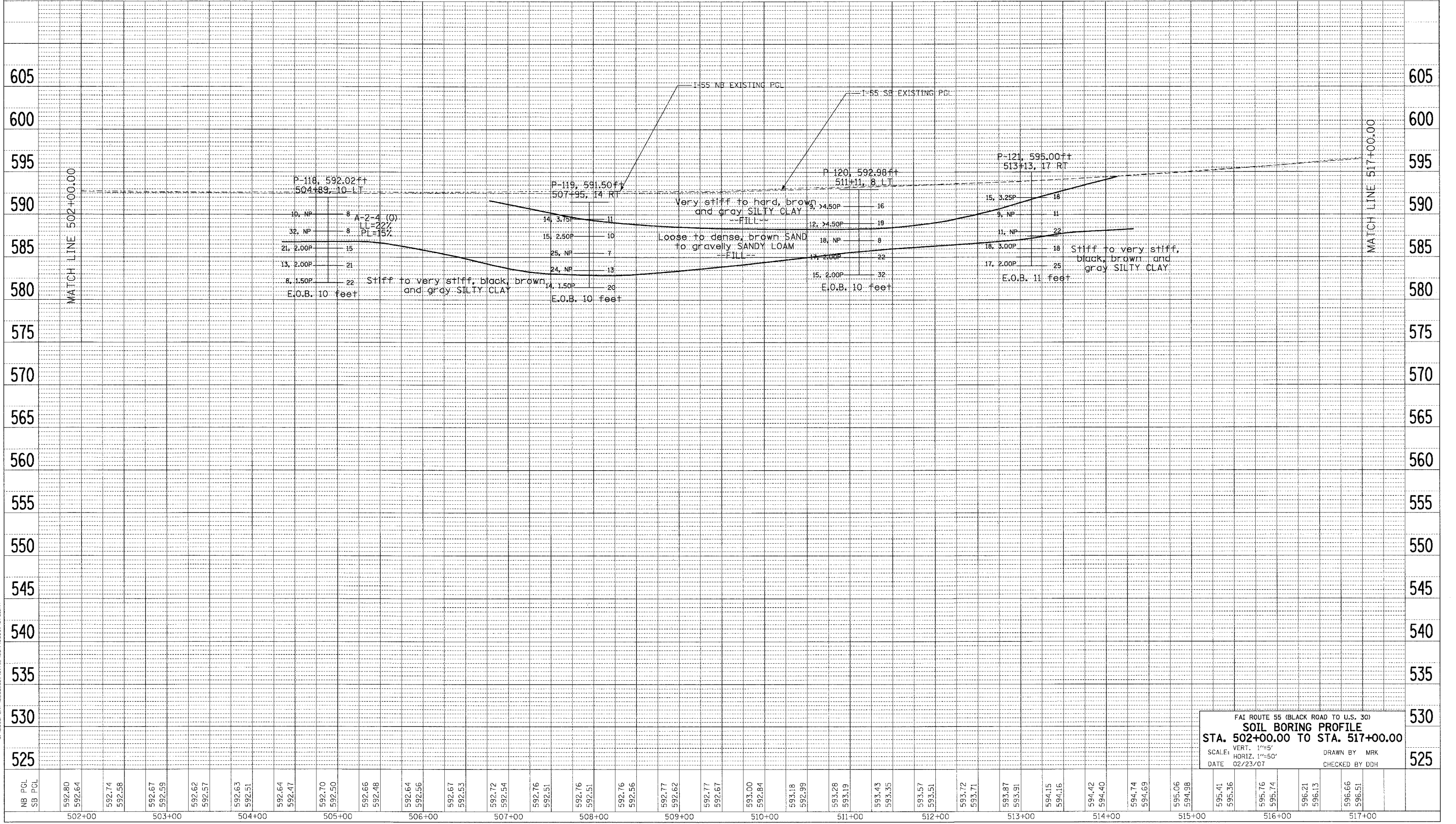
F&I ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
 STA. 487+00.00 TO STA. 502+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 02/23/07  
 DRAWN BY: MRK  
 CHECKED BY: DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY

DATE	BY
DATE	BY

PROFILE NO. 1000000000  
 DATE 02/23/07  
 FILE NAME 2-28-2007\_1848425  
 PLOT SCALE 1"=50'  
 USER NAME RJBENR



FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
**STA. 502+00.00 TO STA. 517+00.00**  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	78

STA.	TO STA.

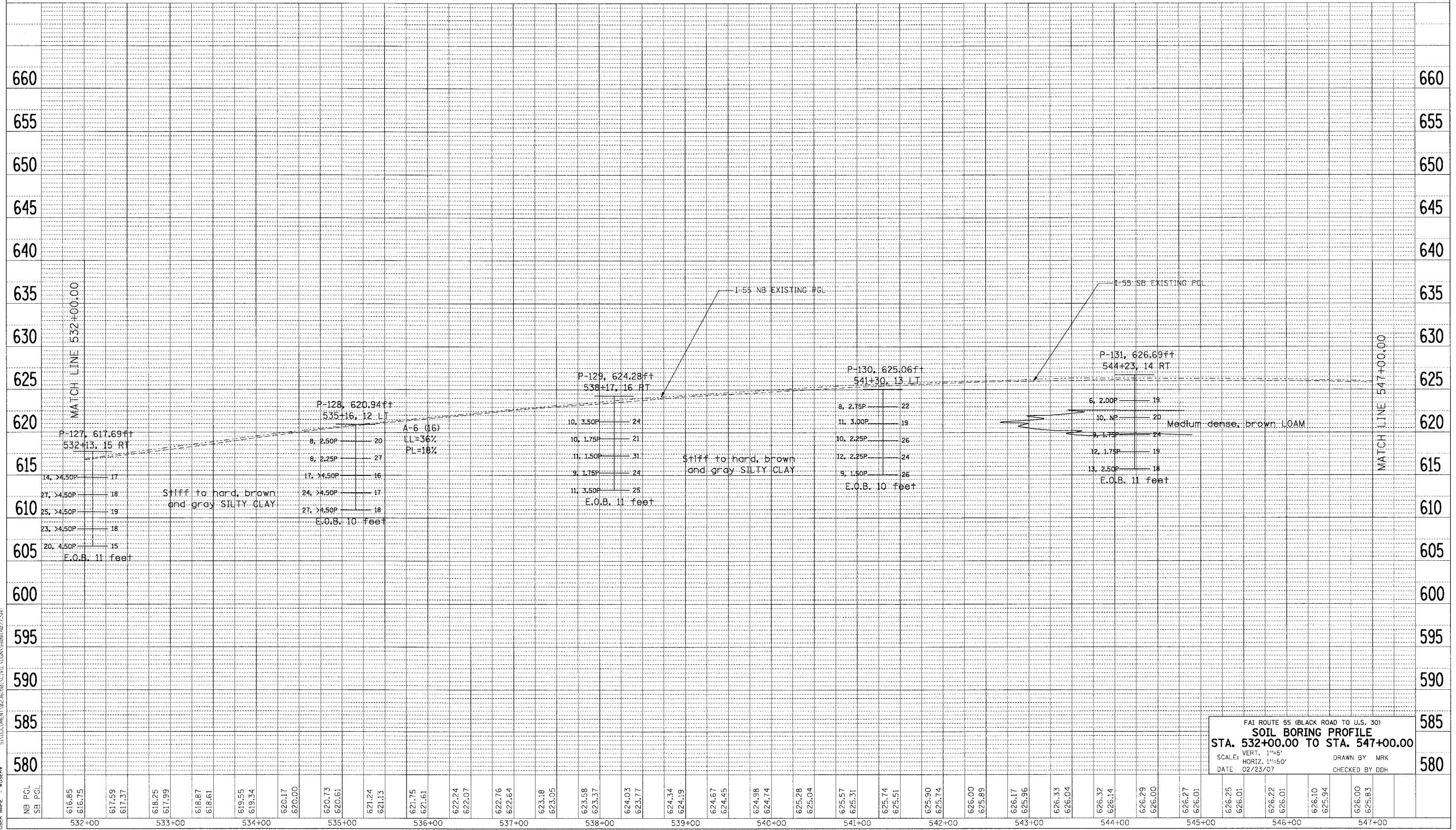
  

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

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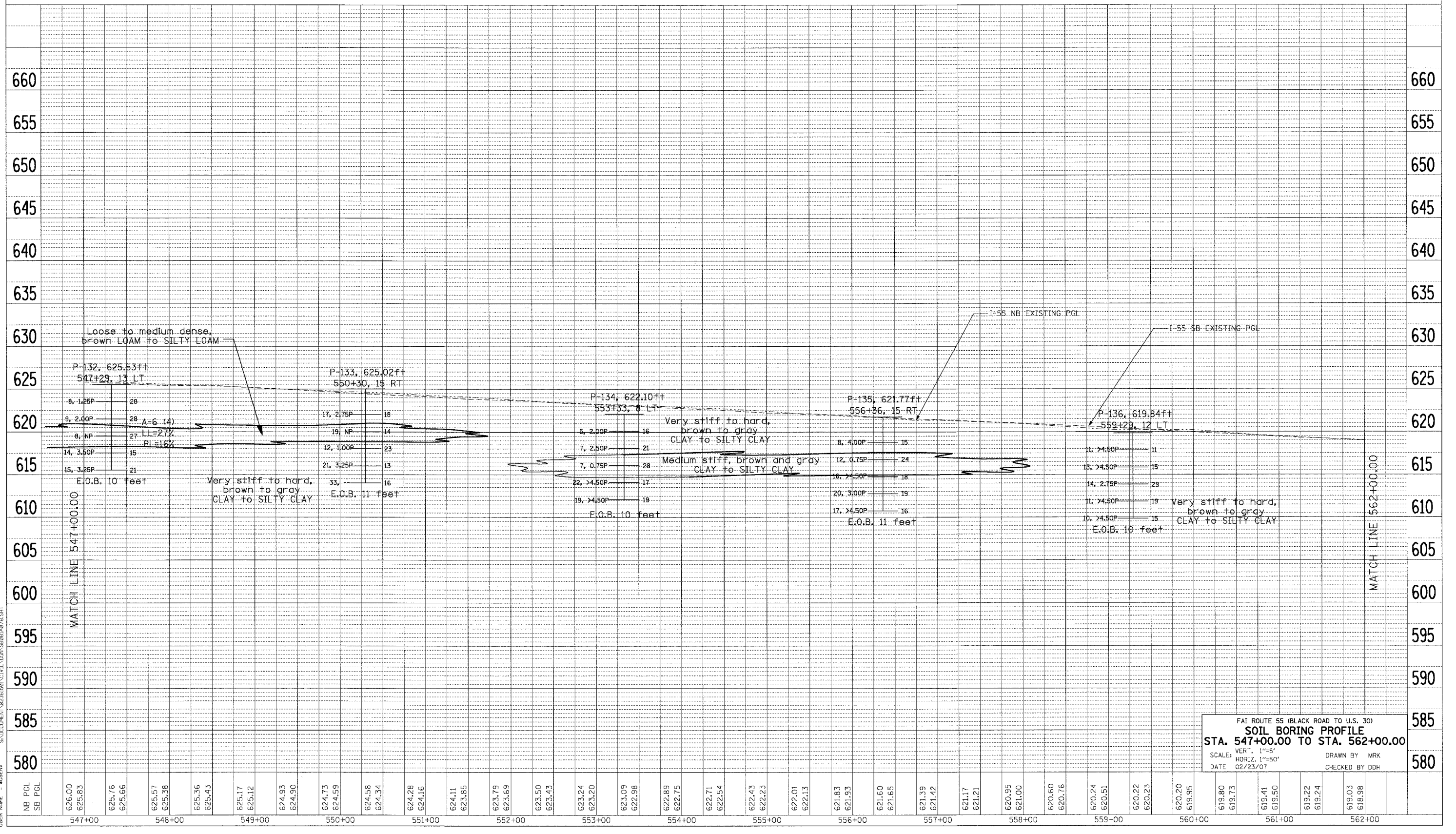
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
 STA. 532+00.00 TO STA. 547+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL.	228	79
STA. 547+00.00 TO STA. 562+00.00		ILLINOIS FED. AID PROJECT		

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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 PLOTTED: \_\_\_\_\_  
 ALIGNMENT CHECKED: \_\_\_\_\_  
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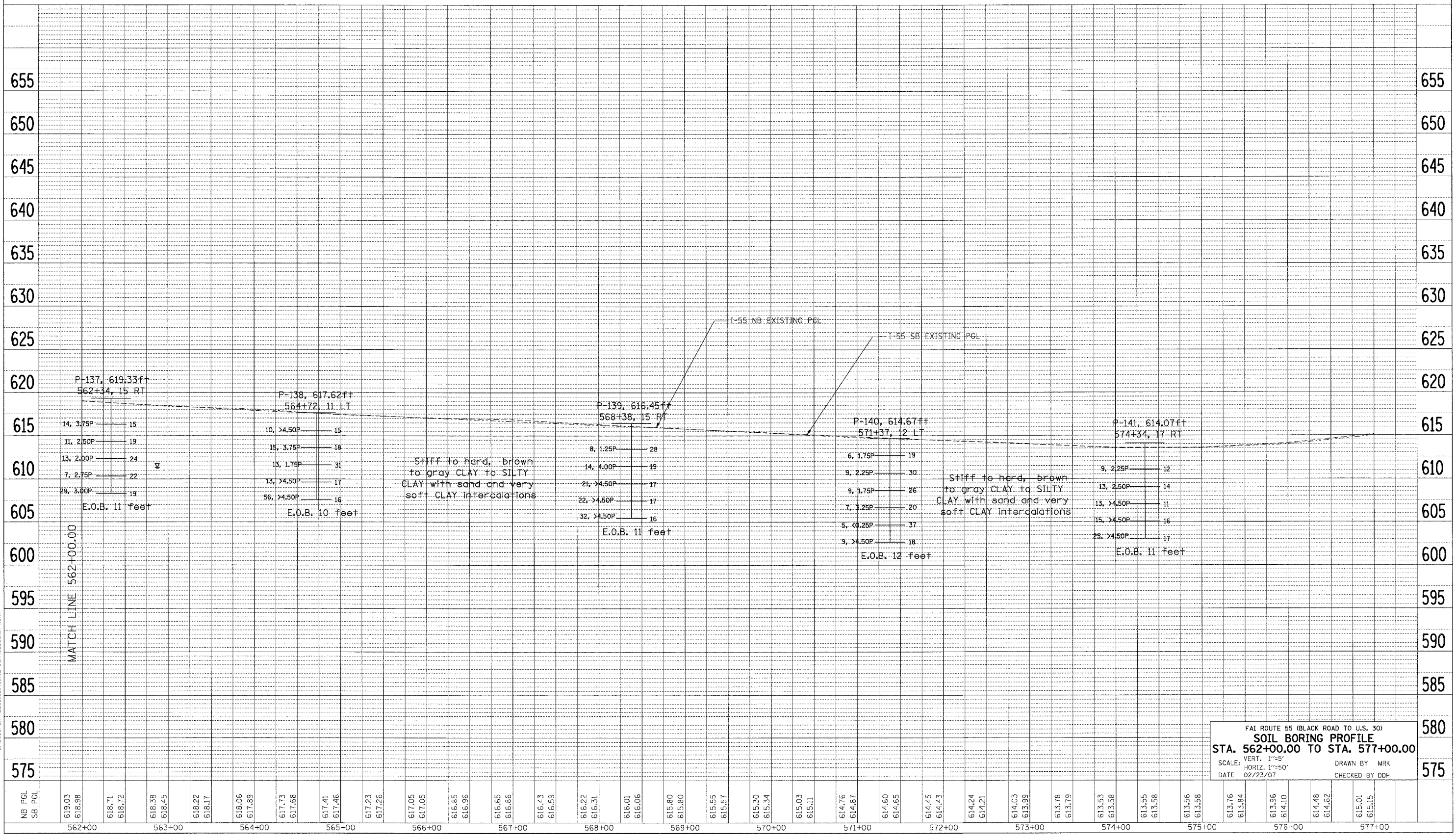
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FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
**SOIL BORING PROFILE**  
 STA. 547+00.00 TO STA. 562+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE: 02/23/07  
 DRAWN BY: MRK  
 CHECKED BY: DDH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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 NOTE BOOK NO. \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATION: \_\_\_\_\_



I-55 NB EXISTING PGL  
 I-55 SB EXISTING PGL  
 MATCH LINE 562+00.00  
 SOIL BORING PROFILE  
 STA. 562+00.00 TO STA. 577+00.00  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 02/23/07  
 DRAWN BY MRK  
 CHECKED BY DDH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

### SUGGESTED STAGES OF CONSTRUCTION

#### PRE-STAGE 2007

1. INSTALL "CHANGEABLE MESSAGE SIGNS" PRIOR TO THE START OF CONSTRUCTION ACTIVITY ON FAI-55.
2. CONSTRUCT DETENTION BASINS.
3. COMPLETE ALL PROPOSED GUARDRAIL WORK ON THE OUTSIDE SHOULDERS.
4. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES WITHIN THE STAGE I 2007 CONSTRUCTION SECTION(S).
5. CONSTRUCT PROPOSED STORM SEWER LATERAL OUTLETS BENEATH THE EXISTING I-55 NB AND SB LANES USING STANDARDS 701400 AND 701401 AND AS SHOWN ON THE TYPICAL SECTIONS FOR STORM SEWER LATERALS CONSTRUCTION. LANE CLOSURES WILL ONLY BE ALLOWED DURING THE OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISION FOR "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC."

#### STAGE I - 2007 CONSTRUCTION

COMPLETE THE FOLLOWING ITEMS OF WORK WITHIN THE SECTION(S) OF I-55 TO BE COMPLETED DURING THE 2007 CONSTRUCTION SEASON AS DESCRIBED IN THE SPECIAL PROVISIONS. THE STAGING TYPICAL SECTIONS AND THE SCHEDULE OF QUANTITIES SHOW THE SECTION FROM STA. 557+00 TO THE NORTH PROJECT LIMIT (STA. 573+00) AS THE SUGGESTED SECTION TO BE COMPLETED DURING THE 2007 CONSTRUCTION SEASON.

1. ESTABLISH TRAFFIC CONTROL, REMOVE EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT REFLECTORS THAT CONFLICT WITH THE STAGE I TEMPORARY TRAFFIC LANES, APPLY PAVEMENT MARKING TAPE, TYPE III, AND INSTALL TEMPORARY CONCRETE BARRIER AS SHOWN ON STAGE I TYPICAL SECTIONS AND STAGING AND TRAFFIC CONTROL PLAN SHEETS.
2. REMOVE GUARDRAIL FROM WITHIN THE MEDIAN.
3. REMOVE SHOULDER AND EXCAVATE AND CONSTRUCT EMBANKMENT WITHIN THE MEDIAN.
4. CONSTRUCT ALL DRAINAGE ITEMS WITHIN THE WORK AREA. DURING STAGE I, ALL FRAMES AND GRATES SHALL BE SET TO THE PROPOSED ELEVATION OF THE TOP OF THE BINDER COURSE AS DESCRIBED IN THE DRAINAGE GENERAL NOTES.
5. CONSTRUCT AGGREGATE SUBGRADE, BARRIER BASE, CONCRETE BARRIER, BARRIER WALL MARKERS, AND BRIDGE PIER CRASH WALL MODIFICATIONS.
6. CONSTRUCT THE BASE COURSE FOR THE NEW INSIDE LANES (LANE 1) AND THE INSIDE SHOULDERS.
7. CONSTRUCT TEMPORARY ASPHALT WEDGE ON THE NEW BASE COURSE AT THE EDGE OF THE EXISTING INSIDE LANE.
8. AFTER CONSTRUCTION OF THE CONCRETE BARRIER, THE BASE COURSE FOR THE NEW INSIDE LANES (LANE 1) AND SHOULDERS, AND THE TEMPORARY ASPHALT WEDGE IS COMPLETED, THE TEMPORARY CONCRETE BARRIER SHALL BE REMOVED.

#### WINTER SHUTDOWN (SEE SPECIAL PROVISIONS FOR DATES)

REMOVE PAVEMENT MARKINGS THAT CONFLICT WITH THE WINTER SHUTDOWN TRAFFIC LANES. APPLY PAVEMENT MARKINGS AS SHOWN ON WINTER SHUTDOWN TYPICAL SECTIONS, INSTALL REPLACEMENT REFLECTORS IN THE CASTINGS OF THE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS, AND MAINTAIN TRAFFIC IN EXISTING TRAFFIC LANES AS SHOWN ON WINTER SHUTDOWN TYPICAL SECTION.

#### STAGE I - 2008 CONSTRUCTION

1. ESTABLISH TRAFFIC CONTROL, REMOVE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS (REMOVE JUST THE REFLECTORS IN AREAS BEYOND THE MILLING AND RESURFACING LIMITS AS DESCRIBED IN THE GENERAL NOTES) THAT CONFLICT WITH THE STAGE I TEMPORARY TRAFFIC LANES, APPLY PAVEMENT MARKINGS, AND INSTALL TEMPORARY CONCRETE BARRIER AS SHOWN ON STAGE I TYPICAL SECTIONS AND STAGING AND TRAFFIC CONTROL PLAN SHEETS.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES.
3. REMOVE GUARDRAIL FROM WITHIN THE MEDIAN.
4. REMOVE SHOULDER AND EXCAVATE AND CONSTRUCT EMBANKMENT WITHIN THE MEDIAN.
5. CONSTRUCT ALL DRAINAGE ITEMS WITHIN THE WORK AREA. DURING STAGE I, ALL FRAMES AND GRATES SHALL BE SET TO THE PROPOSED ELEVATION OF THE TOP OF THE BINDER COURSE AS DESCRIBED IN THE DRAINAGE GENERAL NOTES.
6. CONSTRUCT AGGREGATE SUBGRADE, BARRIER BASE, CONCRETE BARRIER, BARRIER WALL MARKERS, AND BRIDGE PIER CRASH WALL MODIFICATIONS.
7. CONSTRUCT THE BASE COURSE FOR THE NEW INSIDE LANES (LANE 1) AND THE INSIDE SHOULDERS.
8. AFTER CONSTRUCTION OF THE CONCRETE BARRIER AND THE BASE COURSE FOR THE NEW INSIDE LANES (LANE 1) AND SHOULDERS IS COMPLETED, THE TEMPORARY CONCRETE BARRIER SHALL BE REMOVED AND REPLACED WITH DRUMS.
9. MILL THE TEMPORARY ASPHALT WEDGE AND THE INSIDE 7 FEET OF THE CENTER LANES (LANE 2).
10. PATCH THE INSIDE 7 FEET OF THE CENTER LANES (LANE 2).
11. CONSTRUCT THE BINDER COURSE ON THE INSIDE 7 FT OF THE CENTER LANES (LANE 2), THE NEW INSIDE LANES (LANE 1) AND INSIDE SHOULDERS.

#### STAGE II

1. ESTABLISH TRAFFIC CONTROL AND APPLY PAVEMENT MARKINGS AS SHOWN ON STAGE II TYPICAL SECTIONS AND SUGGESTED STAGING AND TRAFFIC CONTROL PLAN SHEETS.
2. RELOCATE LIGHT POLES AND CONSTRUCT AUXILIARY LANE ON I-55 SB AT I-80 INTERCHANGE.
3. MILL THE OUTSIDE SHOULDERS, OUTSIDE LANES (LANE 3), AND THE OUTSIDE 5 FEET OF THE CENTER LANES (LANE 2).
4. PATCH AND THEN CONSTRUCT THE BINDER COURSE ON THE OUTSIDE LANES (LANE 3) AND THE OUTSIDE 5 FEET OF THE CENTER LANES (LANE 2).
5. CONSTRUCT THE SURFACE COURSE ON THE OUTSIDE LANES (LANE 3) AND SHOULDERS.
6. APPLY PERMANENT PAVEMENT MARKINGS AS SHOWN ON THE PAVEMENT MARKING PLANS FOR OUTSIDE EDGE LINES AND SHOULDERS. APPLY A FULL STANDARD 5" WHITE SKIP DASH LANE LINE TO THE BINDER COURSE BETWEEN THE PROPOSED CENTER LANE (LANE 2) AND THE OUTSIDE LANE (LANE 3) IN BOTH DIRECTIONS USING EPOXY PAVEMENT MARKING AS SHOWN ON THE STAGE III TYPICAL SECTIONS.

#### STAGE III

1. ESTABLISH TRAFFIC CONTROL AND REMOVE THE EXISTING STAGE II RIGHT EDGE LINE FROM THE PROPOSED CENTER LANE (LANE 2) AND APPLY A 4" YELLOW LINE USING PAVEMENT MARKING TAPE, TYPE III AS THE INSIDE EDGE LINE BETWEEN THE PROPOSED INSIDE LANE (LANE 1) AND THE CENTER LANE (LANE 2) IN BOTH DIRECTIONS. OPEN THE PROPOSED CENTER AND OUTSIDE LANES TO TRAFFIC.
2. USING FREEWAY STANDARD 701400 AND 701401 FOR ONE LANE CLOSURES, DURING THE OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISIONS FOR "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC", PERFORM THE FOLLOWING OPERATIONS:
  - A. CONSTRUCT THE SURFACE COURSE ON THE INSIDE AND CENTER LANES (LANES 1 & 2) AND THE INSIDE SHOULDERS. CONSTRUCT THE SURFACE COURSE FIRST ON LANE 2 FOLLOWED BY LANE 1 AND THEN THE INSIDE SHOULDERS.
  - B. CONSTRUCT REMAINING PERMANENT PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS, AND RUMBLE STRIPS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 SUGGESTED STAGES OF CONSTRUCTION**

SCALE: \_\_\_\_\_ DRAWN BY: OP  
 DATE: 02/23/07 CHECKED BY: DDH

**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

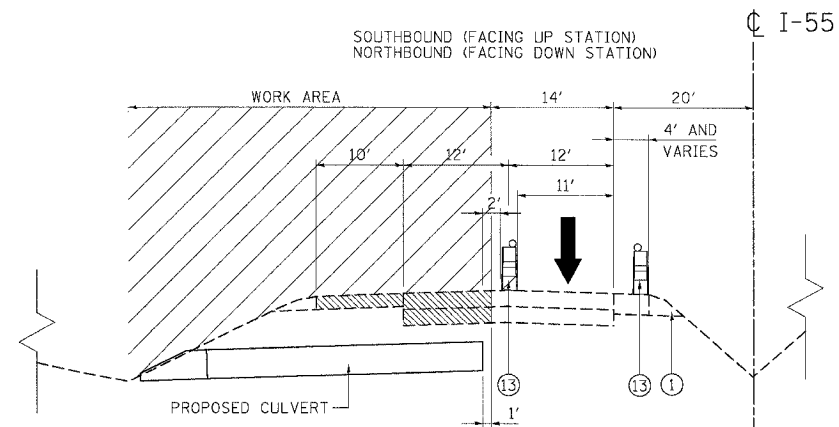
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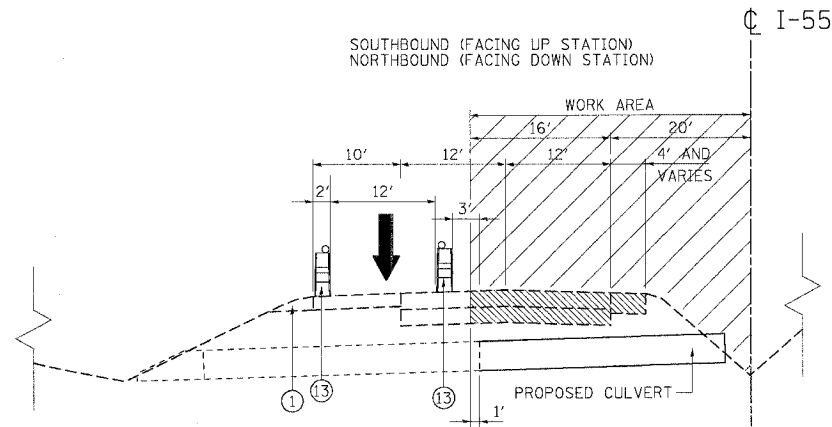


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	228	83
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**PRE-STAGE, PHASE I**  
**PROP. STORM SEWER LATERALS CONSTRUCTION**

STA. 402+65.07 TO STA. 573+00.00



**PRE-STAGE, PHASE II**  
**PROP. STORM SEWER LATERALS CONSTRUCTION**

STA. 402+65.07 TO STA. 573+00.00

**LEGEND:**

- ① TEMPORARY ASPHALT WEDGE
- ② PAVEMENT MARKING TAPE, TYPE III 4"
- ③ PAVEMENT MARKING TAPE, TYPE III 5" SKIP-DASH
- ④ BITUMINOUS SURFACE REMOVAL, 3 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA 1 3/4"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT BASE COURSE
- ⑧ TRENCH BACKFILL
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA 1 3/4"
- ⑩ STORM SEWER
- ⑪ BARRIER BASE
- ⑫ CONCRETE BARRIER, DOUBLE FACE
- ⑬ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
- ⑭ CHECK DRUM W/ STEADY BURN LIGHTS @ 1000' C-C
- ⑮ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑰ TEMPORARY CONCRETE BARRIER
- ⑱ VERTICAL PANEL W/ STEADY BURN LIGHTS @ 100' C-C IN CURVES AND 200' C-C ON TANGENTS
- ⑲ EPOXY PAVEMENT MARKING - LINE 4"
- ⑳ EPOXY PAVEMENT MARKING - LINE 5" SKIP-DASH
- ㉑ PERMANENT THERMOPLASTIC PAVEMENT MARKING - LINE 4"

▨ PAVEMENT PATCHING (AS DIRECTED BY THE ENGINEER)

▨ BITUMINOUS SURFACE REMOVAL AND RESURFACING

▨ WORK AREA

↑ TRAFFIC FLOW

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (I-80 TO BLACK ROAD)  
WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL**  
**FAI 55 - TYPICAL SECTIONS**  
**PRE-STAGE**

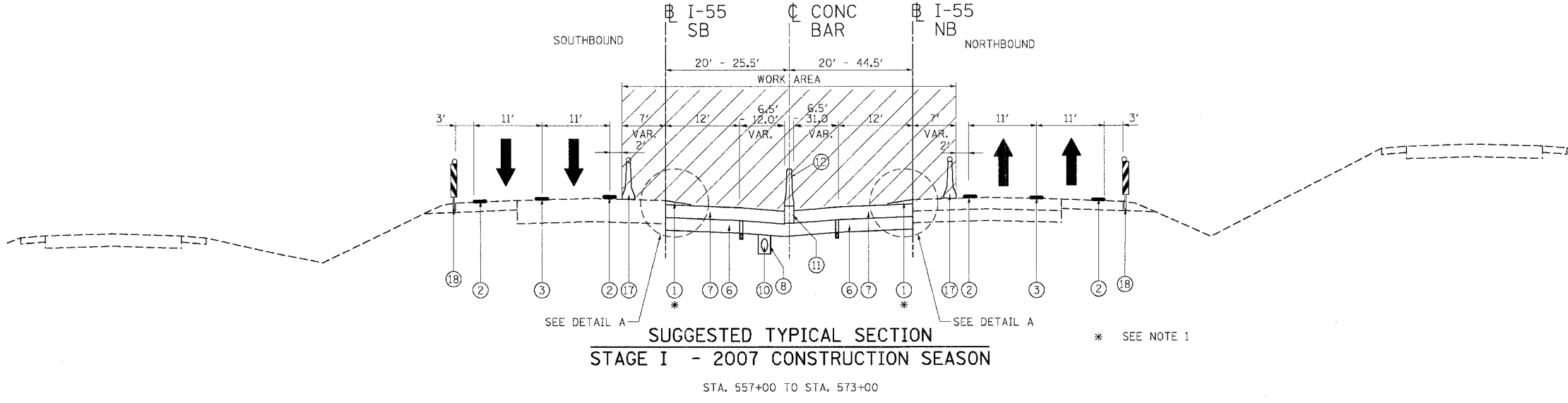
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DATE 02/23/07 CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



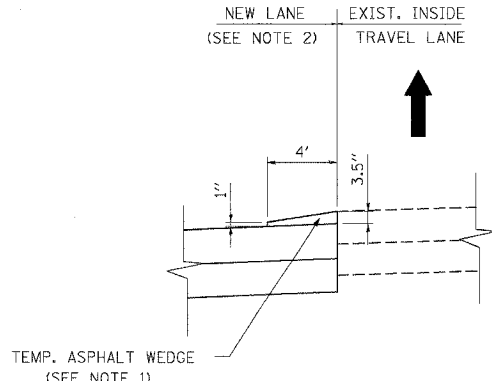
**SUGGESTED TYPICAL SECTION  
STAGE I - 2007 CONSTRUCTION SEASON**

STA. 557+00 TO STA. 573+00

**LEGEND:**

- ① TEMPORARY ASPHALT WEDGE
- ② PAVEMENT MARKING TAPE, TYPE III 4"
- ③ PAVEMENT MARKING TAPE, TYPE III 5" SKIP-DASH
- ④ BITUMINOUS SURFACE REMOVAL, 3 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA 1 3/4"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT BASE COURSE
- ⑧ TRENCH BACKFILL
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA 1 3/4"
- ⑩ STORM SEWER
- ⑪ BARRIER BASE
- ⑫ CONCRETE BARRIER, DOUBLE FACE
- ⑬ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
- ⑭ CHECK DRUM W/ STEADY BURN LIGHTS @ 1000' C-C
- ⑮ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑰ TEMPORARY CONCRETE BARRIER
- ⑱ VERTICAL PANEL W/ STEADY BURN LIGHTS @ 100' C-C IN CURVES AND 200' C-C ON TANGENTS
- ⑲ EPOXY PAVEMENT MARKING - LINE 4"
- ⑳ EPOXY PAVEMENT MARKING - LINE 5" SKIP-DASH
- ㉑ PERMANENT THERMOPLASTIC PAVEMENT MARKING - LINE 4"

- PAVEMENT PATCHING (AS DIRECTED BY THE ENGINEER)
- BITUMINOUS SURFACE REMOVAL AND RESURFACING
- WORK AREA
- TRAFFIC FLOW



**DETAIL A**

**NOTES:**

- 1. THE COST OF TEMPORARY ASPHALT WEDGE REMOVAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR "TEMPORARY ASPHALT WEDGE."

**MIXTURE REQUIREMENTS**

APPLICATION	MIXTURE TYPE	AC TYPE	AIR VOIDS
TEMPORARY ASPHALT WEDGE	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70 (IL 9.5 mm)	PG 64-22	4% @ N70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

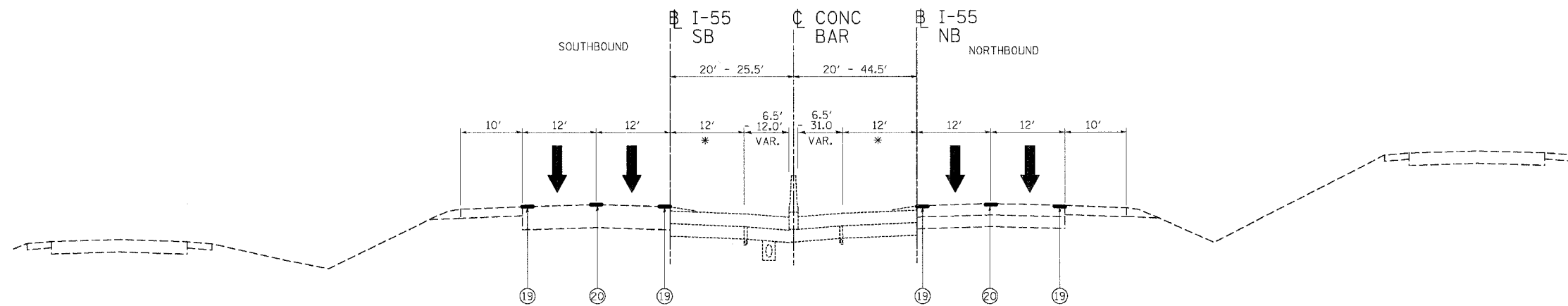
**STAGING AND TRAFFIC CONTROL  
FAI 55 - TYPICAL SECTIONS  
STAGE I - 2007**

SCALE: DATE 02/23/07 DRAWN BY AG CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	85
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**SUGGESTED TYPICAL SECTION  
WINTER SHUTDOWN**

STA. 557+00 TO STA. 573+00

\* SEE NOTE 1

**LEGEND:**

- ① TEMPORARY ASPHALT WEDGE
- ② PAVEMENT MARKING TAPE, TYPE III 4"
- ③ PAVEMENT MARKING TAPE, TYPE III 5" SKIP-DASH
- ④ BITUMINOUS SURFACE REMOVAL, 3 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA 1 3/4"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT BASE COURSE
- ⑧ TRENCH BACKFILL
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA 1 3/4"
- ⑩ STORM SEWER
- ⑪ BARRIER BASE
- ⑫ CONCRETE BARRIER, DOUBLE FACE
- ⑬ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
- ⑭ CHECK DRUM W/ STEADY BURN LIGHTS @ 1000' C-C
- ⑮ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑰ TEMPORARY CONCRETE BARRIER
- ⑱ VERTICAL PANEL W/ STEADY BURN LIGHTS @ 100' C-C IN CURVES AND 200' C-C ON TANGENTS
- ⑲ EPOXY PAVEMENT MARKING - LINE 4"
- ⑳ EPOXY PAVEMENT MARKING - LINE 5" SKIP-DASH
- ㉑ PERMANENT THERMOPLASTIC PAVEMENT MARKING - LINE 4"

▨ PAVEMENT PATCHING (AS DIRECTED BY THE ENGINEER)

▨ BITUMINOUS SURFACE REMOVAL AND RESURFACING

▨ WORK AREA

↑ TRAFFIC FLOW

**NOTES:**

1. THE NEW INSIDE LANE SHALL BE STRIPED WITH 12" YELLOW DIAGONAL LINES SPACED AT 150' C-C USING EPOXY PAVEMENT MARKINGS. THE CONTRACTOR MAY ELECT TO USE EXTRUDED THERMOPLASTIC, PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, IN LIEU OF EPOXY PAVEMENT MARKING AT NO ADDITIONAL COST TO THE CONTRACT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
FAI 55 - TYPICAL SECTIONS  
WINTER SHUTDOWN**

SCALE:

DATE 02/23/07

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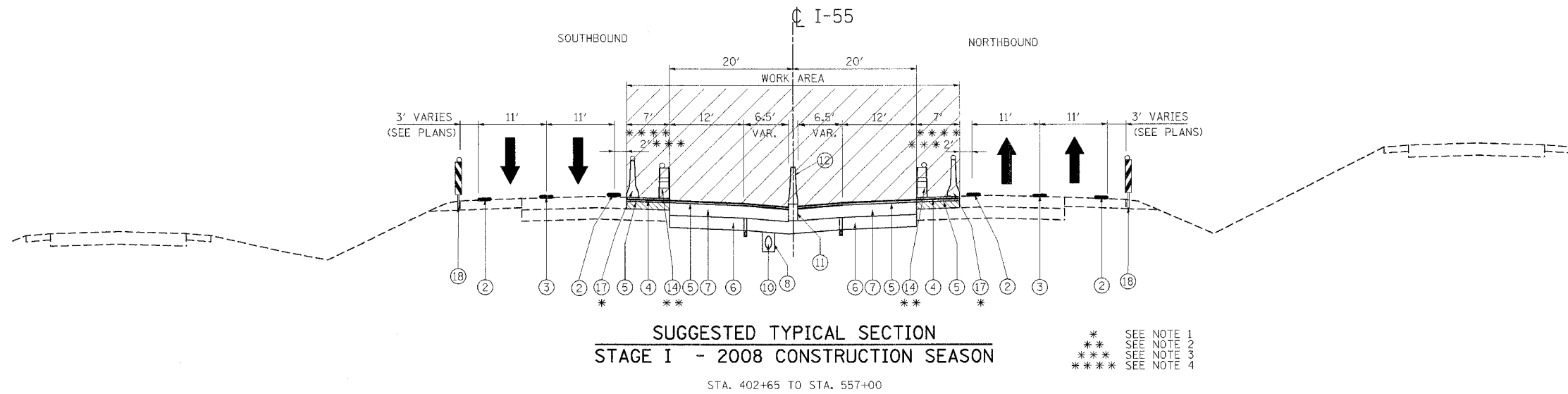
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**TENG**

TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

PLOT DATE = 02/23/07  
 FILE NAME = 022307.DWG  
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 USER NAME = DDH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND:**

- ① TEMPORARY ASPHALT WEDGE
- ② PAVEMENT MARKING TAPE, TYPE III 4"
- ③ PAVEMENT MARKING TAPE, TYPE III 5" SKIP-DASH
- ④ BITUMINOUS SURFACE REMOVAL, 3 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA 1 3/4"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT BASE COURSE
- ⑧ TRENCH BACKFILL
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA 1 3/4"
- ⑩ STORM SEWER
- ⑪ BARRIER BASE
- ⑫ CONCRETE BARRIER, DOUBLE FACE
- ⑬ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
- ⑭ CHECK DRUM W/ STEADY BURN LIGHTS @ 1000' C-C
- ⑮ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑰ TEMPORARY CONCRETE BARRIER
- ⑱ VERTICAL PANEL W/ STEADY BURN LIGHTS @ 100' C-C IN CURVES AND 200' C-C ON TANGENTS
- ⑲ EPOXY PAVEMENT MARKING - LINE 4"
- ⑳ EPOXY PAVEMENT MARKING - LINE 5" SKIP-DASH
- ㉑ PERMANENT THERMOPLASTIC PAVEMENT MARKING - LINE 4"

- PAVEMENT PATCHING (AS DIRECTED BY THE ENGINEER)
- BITUMINOUS SURFACE REMOVAL AND RESURFACING
- WORK AREA
- TRAFFIC FLOW

**NOTES:**

1. AFTER THE CONSTRUCTION OF THE CONCRETE BARRIER AND THE BASE COURSE OF NEW INSIDE LANES AND SHOULDERS IS COMPLETE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY CONCRETE BARRIER AND REPLACE IT WITH DRUMS WITH STEADY BURN LIGHTS SPACED AS SHOWN ON THE PLANS. AFTER THE TEMPORARY CONCRETE BARRIER IS REPLACED WITH DRUMS, EMERGENCY PULLOUTS SHALL CONTINUE TO BE PROVIDED APPROXIMATELY EVERY MILE AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE DETAIL FOR EMERGENCY PULLOUT USING DRUMS IN LIEU OF THE TEMPORARY CONCRETE BARRIER.  
  
DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. DURING MILLING AND PAVING OPERATIONS, THE CONTRACTOR SHALL USE ONE FOOT WIDE VERTICAL BARRICADES WITH STEADY BURN LIGHTS ALONG THE MILLING AND PAVING OPERATIONS. DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS SHALL BE USED TO DELINEATE ALL OPEN RAMPS THROUGH THE WORK AREA.
2. CHECK DRUMS WILL NOT BE REQUIRED WHEN TEMPORARY CONCRETE BARRIER ON STAGE I CONSTRUCTION IS BEING USED.
3. A DISTANCE OF 2 FEET SHALL BE MAINTAINED BETWEEN THE LANE LINE AND THE TEMPORARY CONCRETE BARRIER THROUGHOUT THE PROJECT.
4. AFTER THE TEMPORARY CONCRETE BARRIER IS NO LONGER REQUIRED (SEE NOTE 1), THE MILLING, PATCHING, AND PLACING OF THE BINDER COURSE SHALL EXTEND TO 27 FEET FROM THE CENTERLINE DURING THIS STAGE.

\* SEE NOTE 1  
 \*\* SEE NOTE 2  
 \*\*\* SEE NOTE 3  
 \*\*\*\* SEE NOTE 4

PLOT DATE = 04/20/07  
 FILE NAME = 042007.DWG  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = RUSSELL

REVISIONS	
NAME	DATE

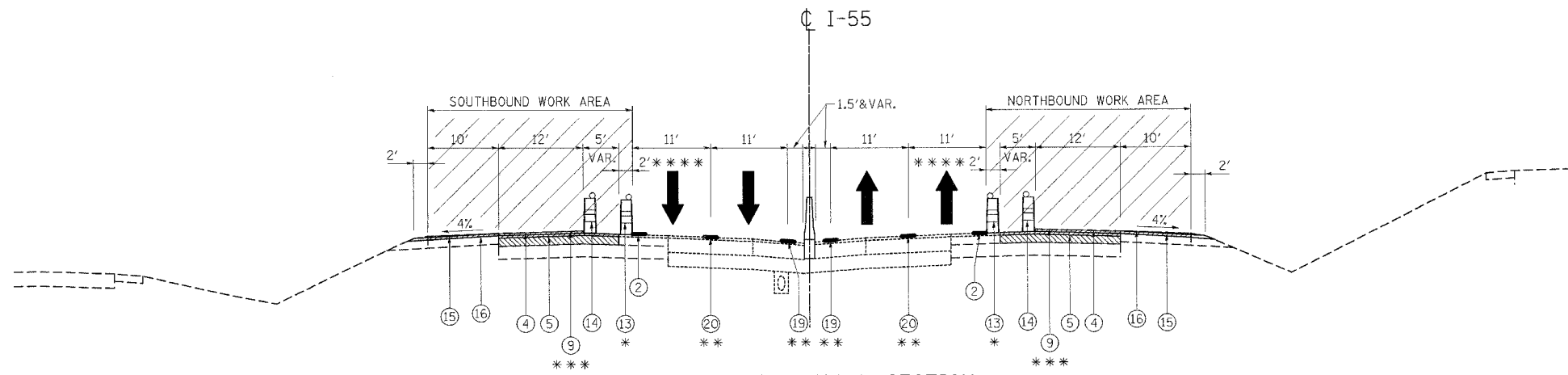
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - TYPICAL SECTIONS  
 STAGE I - 2008**

SCALE: DATE 04/20/07 DRAWN BY AG CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	87
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**SUGGESTED TYPICAL SECTION  
STAGE II**

STA. 402+65 TO STA. 573+00

- \* SEE NOTE 1
- \*\* SEE NOTE 2 (APPLIED AT THE END OF STAGE I - 2008 CONSTRUCTION)
- \*\*\* SEE NOTE 3
- \*\*\*\* SEE NOTE 4

**LEGEND:**

- ① TEMPORARY ASPHALT WEDGE
- ② PAVEMENT MARKING TAPE, TYPE III 4"
- ③ PAVEMENT MARKING TAPE, TYPE III 5" SKIP-DASH
- ④ BITUMINOUS SURFACE REMOVAL, 3 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA 1 3/4"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT BASE COURSE
- ⑧ TRENCH BACKFILL
- ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA 1 3/4"
- ⑩ STORM SEWER
- ⑪ BARRIER BASE
- ⑫ CONCRETE BARRIER, DOUBLE FACE
- ⑬ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
- ⑭ CHECK DRUM W/ STEADY BURN LIGHTS @ 1000' C-C
- ⑮ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
- ⑰ TEMPORARY CONCRETE BARRIER
- ⑱ VERTICAL PANEL W/ STEADY BURN LIGHTS @ 100' C-C IN CURVES AND 200' C-C ON TANGENTS
- ⑲ EPOXY PAVEMENT MARKING - LINE 4"
- ⑳ EPOXY PAVEMENT MARKING - LINE 5" SKIP-DASH
- ㉑ PERMANENT THERMOPLASTIC PAVEMENT MARKING - LINE 4"

- PAVEMENT PATCHING (AS DIRECTED BY THE ENGINEER)
- BITUMINOUS SURFACE REMOVAL AND RESURFACING
- WORK AREA
- TRAFFIC FLOW

**NOTES:**

- DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. DURING MILLING AND PAVING OPERATIONS, THE CONTRACTOR SHALL USE ONE FOOT WIDE VERTICAL BARRICADES WITH STEADY BURN LIGHTS ALONG THE MILLING AND PAVING OPERATIONS. DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS SHALL BE USED TO DELINEATE ALL OPEN RAMPS THROUGH THE WORK AREA.
- WITHIN THE PROJECT LIMITS OF THIS CONTRACT, FULL STANDARD PAVEMENT MARKINGS USING EPOXY PAVEMENT MARKING LINES SHALL BE APPLIED TO THE BINDER COURSE FOR THE LINES SHOWN. THE CONTRACTOR MAY ELECT TO USE EXTRUDED THERMOPLASTIC, PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, IN LIEU OF EPOXY PAVEMENT MARKING AT NO ADDITIONAL COST TO THE CONTRACT. NORTH OF THE PROJECT LIMITS, PAVEMENT MARKING TAPE, TYPE III SHALL BE APPLIED TO THE PAVEMENT SURFACE CONSTRUCTED BY CONTRACT 60B86.
- CONSTRUCT SURFACE COURSE ON THE OUTSIDE SHOULDER AND OUTSIDE LANE (LANE 3) ONLY DURING THIS STAGE.
- THE DISTANCE BETWEEN THE LANE LINE AND THE EDGE OF THE MILLING, PATCHING, AND PLACING OF THE BINDER COURSE VARIES AT THE LOCATIONS WHERE LANE SHIFTS ARE SHOWN ON THE STAGING AND TRAFFIC CONTROL PLAN SHEETS. AT THESE LOCATIONS, THE MILLING, PATCHING, AND PLACING OF THE BINDER COURSE SHALL BE COMPLETED AT NIGHT USING NIGHT TIME LANE CLOSURES OF THE STAGE II INSIDE LANE. THE MILLING, PATCHING, AND PLACING OF THE BINDER COURSE SHALL EXTEND TO 27 FEET FROM THE CENTERLINE DURING THIS STAGE.

PLOT DATE = 04/20/07  
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 PLOT SCALE = 1/4"=1'-0"  
 USER NAME = RUSSEN

REVISIONS	
NAME	DATE

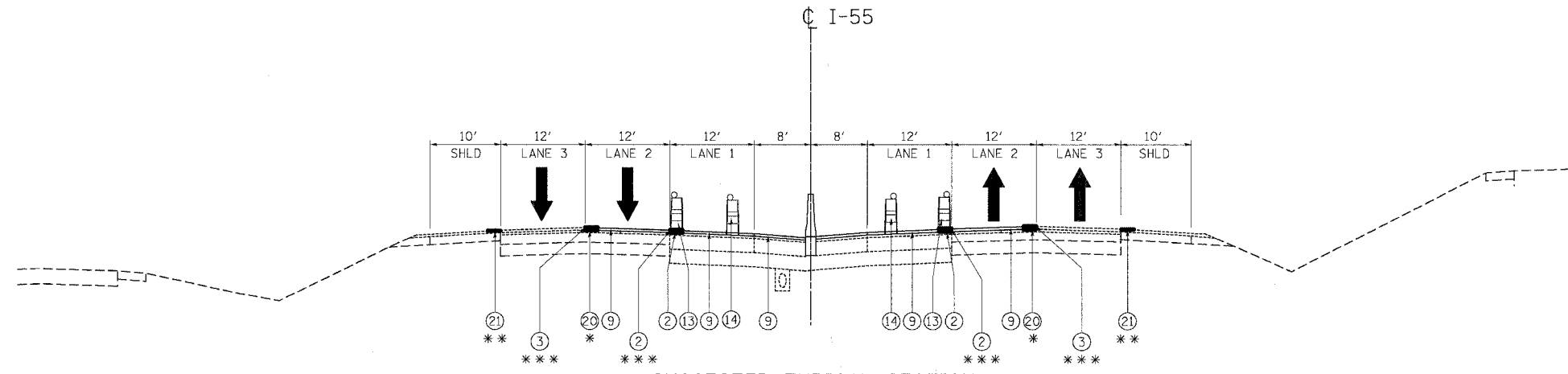
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - TYPICAL SECTIONS  
 STAGE II**

SCALE: \_\_\_\_\_ DRAWN BY: AG  
 DATE: 04/20/07 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**SUGGESTED TYPICAL SECTION  
STAGE III**

STA. 402+65.07 TO STA. 573+00

- \* SEE NOTE 1 (APPLIED AT THE END OF STAGE II)
- \*\* SEE NOTE 2 (APPLIED AT THE END OF STAGE II)
- \*\*\* SEE NOTE 3 (APPLIED DURING THIS STAGE AFTER PLACEMENT OF THE SURFACE COURSE)

**LEGEND:**

- ① TEMPORARY ASPHALT WEDGE
  - ② PAVEMENT MARKING TAPE, TYPE III 4"
  - ③ PAVEMENT MARKING TAPE, TYPE III 5" SKIP-DASH
  - ④ BITUMINOUS SURFACE REMOVAL, 3 1/2"
  - ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA 1 3/4"
  - ⑥ AGGREGATE SUBGRADE, 12"
  - ⑦ HOT-MIX ASPHALT BASE COURSE
  - ⑧ TRENCH BACKFILL
  - ⑨ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA 1 3/4"
  - ⑩ STORM SEWER
  - ⑪ BARRIER BASE
  - ⑫ CONCRETE BARRIER, DOUBLE FACE
  - ⑬ DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
  - ⑭ CHECK DRUM W/ STEADY BURN LIGHTS @ 1000' C-C
  - ⑮ BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
  - ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
  - ⑰ TEMPORARY CONCRETE BARRIER
  - ⑱ VERTICAL PANEL W/ STEADY BURN LIGHTS @ 100' C-C IN CURVES AND 200' C-C ON TANGENTS
  - ⑲ EPOXY PAVEMENT MARKING - LINE 4"
  - ⑳ EPOXY PAVEMENT MARKING - LINE 5" SKIP-DASH
  - ㉑ PERMANENT THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ▨ PAVEMENT PATCHING (AS DIRECTED BY THE ENGINEER)
  - ▨ BITUMINOUS SURFACE REMOVAL AND RESURFACING
  - ▨ WORK AREA
  - ↑ TRAFFIC FLOW

**NOTES:**

- WITHIN THE PROJECT LIMITS OF THIS CONTRACT, FULL STANDARD PAVEMENT MARKINGS USING EPOXY PAVEMENT MARKING LINES SHALL BE APPLIED TO THE BINDER COURSE FOR THE LINES INDICATED AT THE END OF STAGE II. THE CONTRACTOR MAY ELECT TO USE EXTRUDED THERMOPLASTIC, PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, IN LIEU OF EPOXY PAVEMENT MARKING AT NO ADDITIONAL COST TO THE CONTRACT. SOUTH OF THE PROJECT LIMITS, PAVEMENT MARKING TAPE, TYPE III SHALL BE APPLIED TO THE CRC PAVEMENT AND BRIDGE DECKS.
- FULL STANDARD PAVEMENT MARKINGS AS SHOWN ON THE PAVEMENT MARKING PLANS SHALL BE APPLIED TO THE SURFACE COURSE FOR THE LINES INDICATED AT THE END OF STAGE II.
- AFTER THE PLACEMENT OF THE SURFACE COURSE AND BEFORE THE LANE IS OPENED TO TRAFFIC, FULL STANDARD PAVEMENT MARKINGS USING PAVEMENT MARKING TAPE, TYPE III SHALL BE APPLIED TO THE SURFACE COURSE FOR THE LINES INDICATED.
- AFTER CONSTRUCTION OF THE SURFACE COURSE IS COMPLETE, THE REMAINING FULL STANDARD PAVEMENT MARKINGS AS SHOWN ON THE PAVEMENT MARKING PLANS SHALL BE APPLIED TO THE SURFACE COURSE AND THE PAVEMENT MARKING TAPE SHALL BE REMOVED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - TYPICAL SECTIONS  
 STAGE III**

SCALE: DATE 03/15/07 DRAWN BY AG CHECKED BY DDH

**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

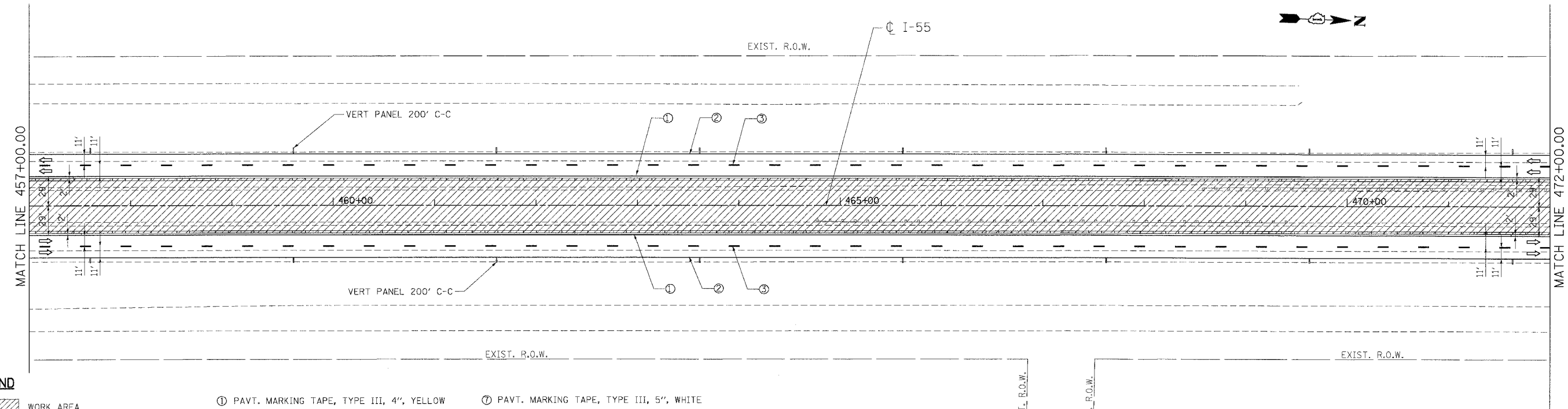
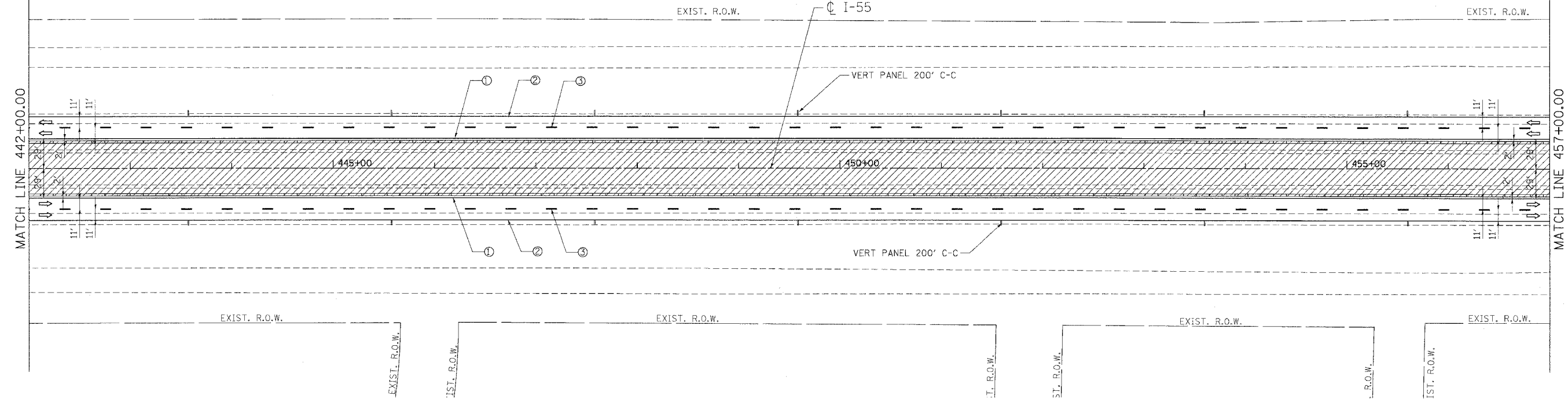
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	91
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- PAVT. MARKING TAPE, TYPE III, 4", WHITE
- PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- PAVT. MARKING TAPE, TYPE III, 8", WHITE
- PAVT. MARKING TAPE, TYPE III, 12", WHITE
- PAVT. MARKING TAPE, TYPE III, 5", WHITE
- EPOXY PAVT. MARKING LINE 4", WHITE
- EPOXY PAVT. MARKING LINE 4", YELLOW
- EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP)
- EPOXY PAVT. MARKING LINE 5", WHITE

**NOTE:**

AFTER THE CONSTRUCTION OF THE CONCRETE BARRIER AND THE BASE COURSE OF NEW INSIDE LANES AND SHOULDERS IS COMPLETE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY CONCRETE BARRIER AND REPLACE IT WITH DRUMS WITH STEADY BURN LIGHTS SPACED AS SHOWN ON THE PLANS. AFTER THE TEMPORARY CONCRETE BARRIER IS REPLACED WITH DRUMS, EMERGENCY PULLOUTS SHALL CONTINUE TO BE PROVIDED APPROXIMATELY EVERY MILE AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE DETAIL FOR EMERGENCY PULLOUT USING DRUMS IN LIEU OF THE TEMPORARY CONCRETE BARRIER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE I  
 STA. 442+00.00 TO STA. 472+00.00**

SCALE: 1"=50'  
 DATE: 03/15/07

DRAWN BY: AG  
 CHECKED BY: DDH

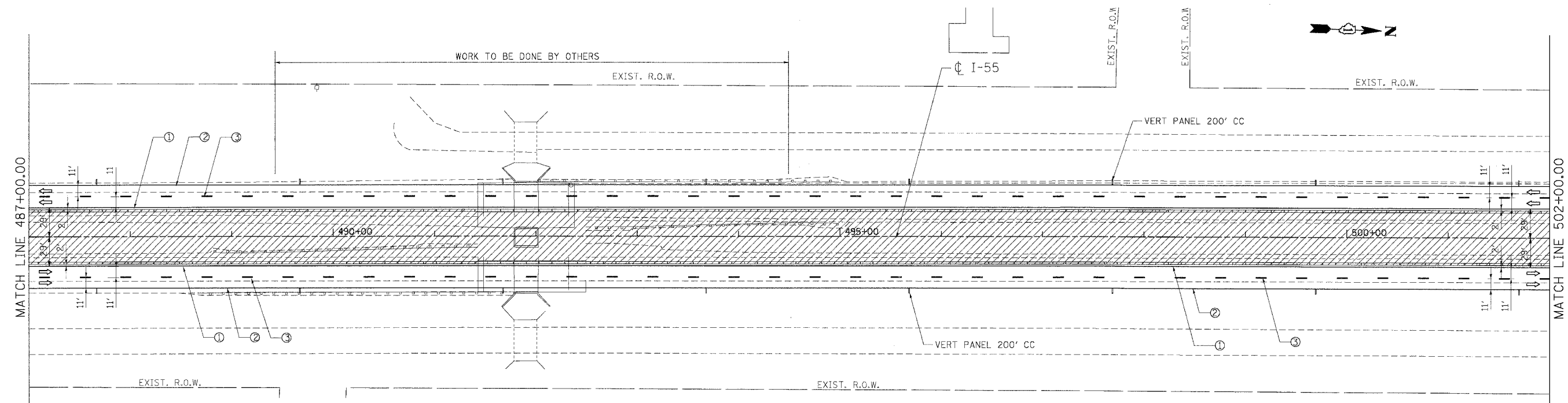
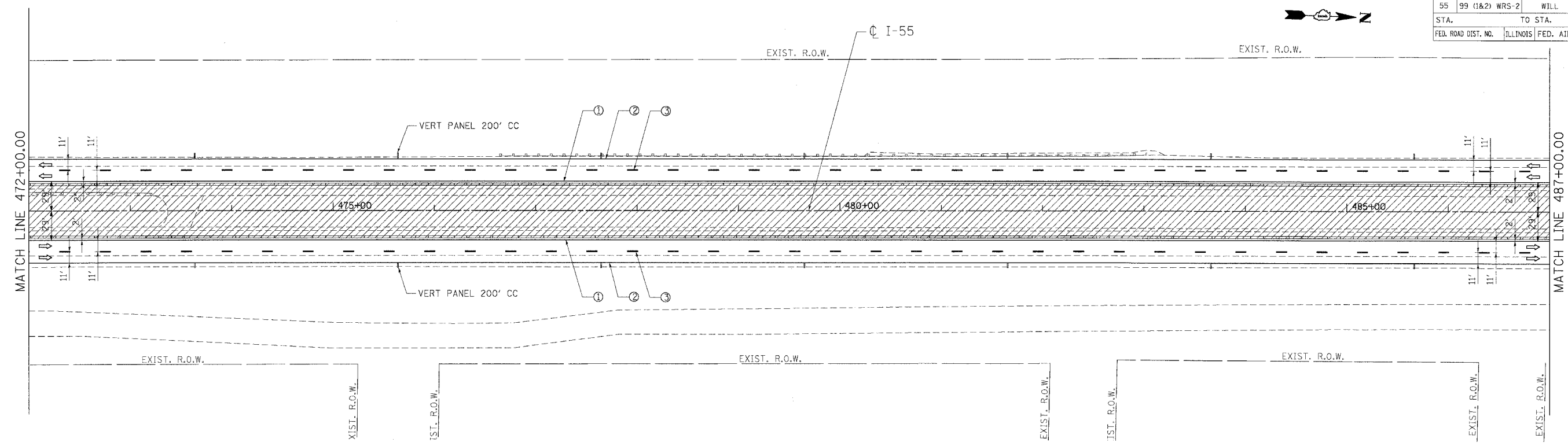
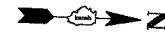
**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = 03/15/07  
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CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	92
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- |  |  |   |  |
|--|--|---|--|
|  | WORK AREA                                    | ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW                    | ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE                |
|  | DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT  | ② PAVT. MARKING TAPE, TYPE III, 4", WHITE                     | ⑧ EPOXY PAVT. MARKING LINE 4", WHITE                     |
|  | VERTICAL PANEL                               | ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP) | ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW                    |
|  | TEMPORARY CONC. BARRIER                      | ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)   | ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP) |
|  | TRAFFIC FLOW                                 | ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE                     | ⑪ EPOXY PAVT. MARKING LINE 5", WHITE                     |
|  | BARRICADE, TYPE III WITH TWO FLASHING LIGHTS | ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE                    |  |

**NOTE:**

AFTER THE CONSTRUCTION OF THE CONCRETE BARRIER AND THE BASE COURSE OF NEW INSIDE LANES AND SHOULDERS IS COMPLETE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY CONCRETE BARRIER AND REPLACE IT WITH DRUMS WITH STEADY BURN LIGHTS SPACED AS SHOWN ON THE PLANS. AFTER THE TEMPORARY CONCRETE BARRIER IS REPLACED WITH DRUMS, EMERGENCY PULLOUTS SHALL CONTINUE TO BE PROVIDED APPROXIMATELY EVERY MILE AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE DETAIL FOR EMERGENCY PULLOUT USING DRUMS IN LIEU OF THE TEMPORARY CONCRETE BARRIER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE I  
 STA. 472+00.00 TO STA. 502+00.00**

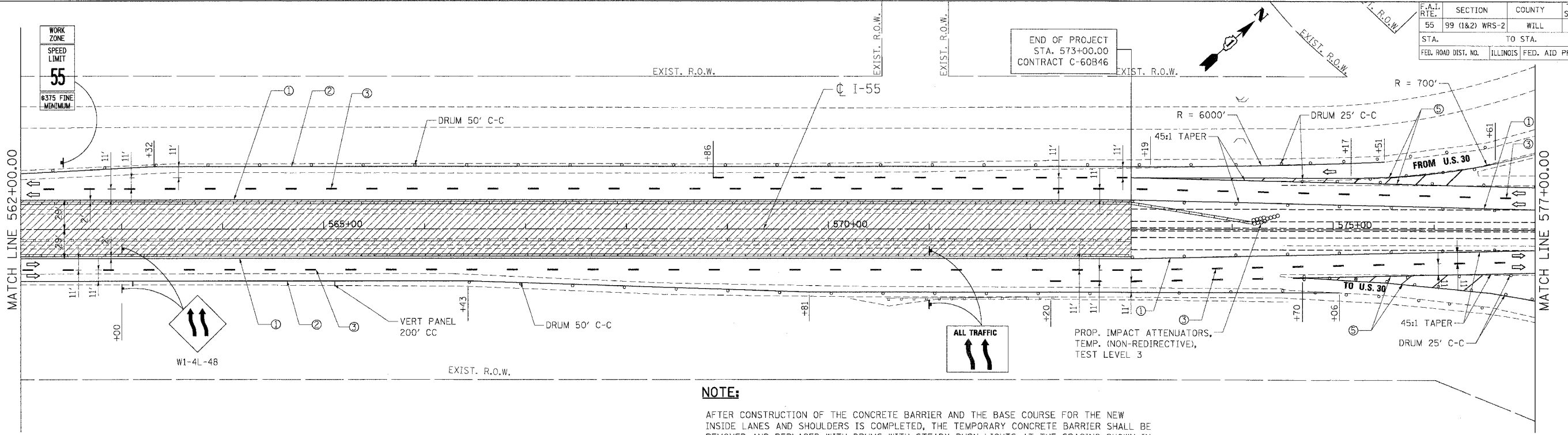
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 DATE 03/15/07      CHECKED BY DDH

**TENG**      TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

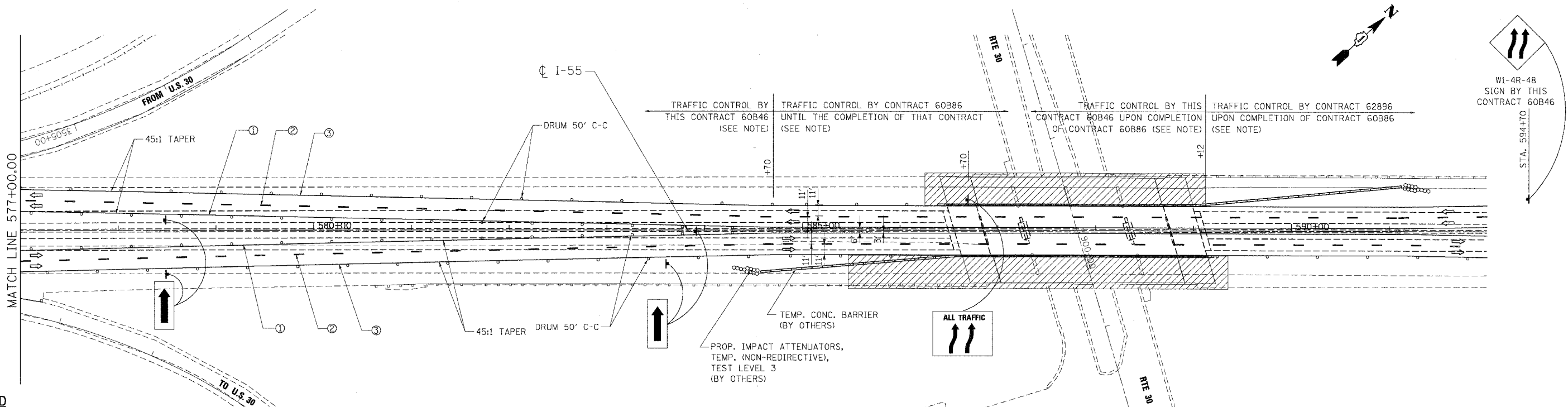




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	95
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**NOTE:**  
 AFTER CONSTRUCTION OF THE CONCRETE BARRIER AND THE BASE COURSE FOR THE NEW INSIDE LANES AND SHOULDERS IS COMPLETED, THE TEMPORARY CONCRETE BARRIER SHALL BE REMOVED AND REPLACED WITH DRUMS WITH STEADY BURN LIGHTS AT THE SPACING SHOWN IN THE PLANS.



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PAVT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE
- ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE
- ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE
- ⑧ EPOXY PAVT. MARKING LINE 4", WHITE
- ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW
- ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP)
- ⑪ EPOXY PAVT. MARKING LINE 5", WHITE

**NOTE:**  
 THE STAGING AND TRAFFIC CONTROL FOR THIS STAGE SHOWN ON THE PLANS NEAR THE PROJECT LIMIT WITH CONTRACT 60B86 IS BASED ON THAT CONTRACT BEING IN STAGE II WHEN THIS CONTRACT IS IN STAGE I. ADJUSTMENTS TO THE STAGING AND TRAFFIC CONTROL SHOWN MAY BE REQUIRED. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND TRAFFIC CONTROL WORK WITH ADJOINING OR OVERLAPPING CONTRACTS, INCLUDING DRUM AND/OR BARRICADE PLACEMENT NECESSARY TO PROVIDE A UNIFORM TRAFFIC PATTERN IN ACCORDANCE WITH THE STANDARDS AND DETAILS IN THE PLANS AND AS DIRECTED BY THE ENGINEER. THE COST OF ANY ADDITIONAL TRAFFIC CONTROL AND/OR TEMPORARY CONSTRUCTION ITEMS REQUIRED FOR SUCH COORDINATION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE I  
 STA. 562+00.00 TO STA. 592+00.00**

SCALE: 1"=50'  
 DATE 03/15/07  
 DRAWN BY AG  
 CHECKED BY DDH

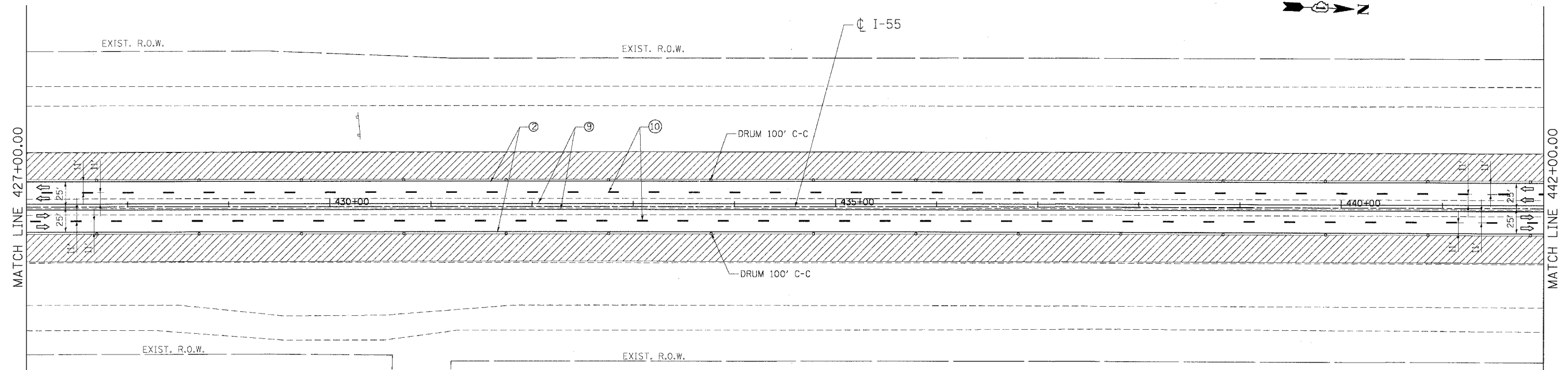
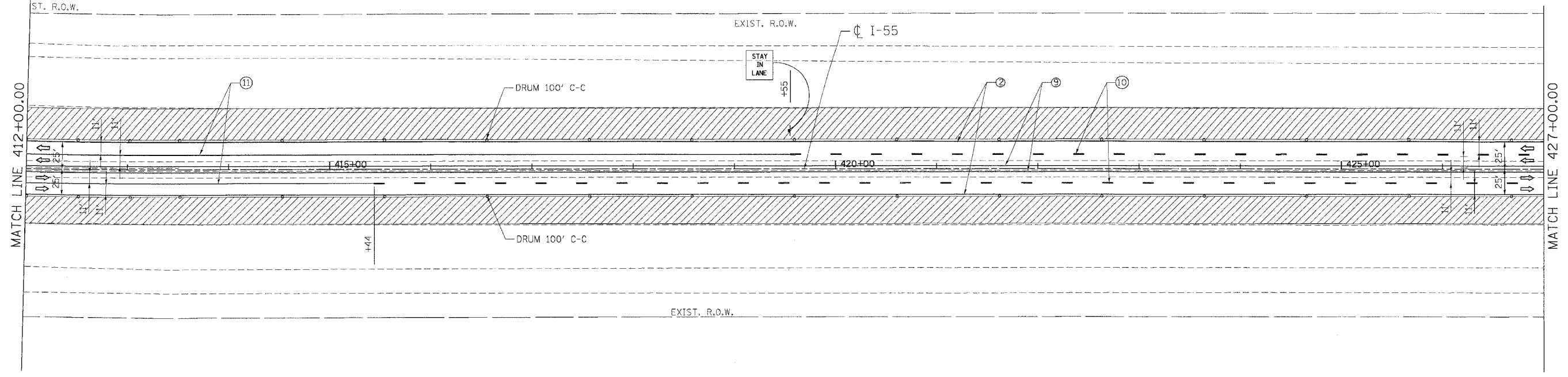
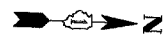
**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = 03/15/07  
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS-2	WILL	228	97
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PAVT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE
- ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE
- ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE
- ⑧ EPOXY PAVT. MARKING LINE 4", WHITE
- ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW
- ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10' DASH 30' SKIP)
- ⑪ EPOXY PAVT. MARKING LINE 5", WHITE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

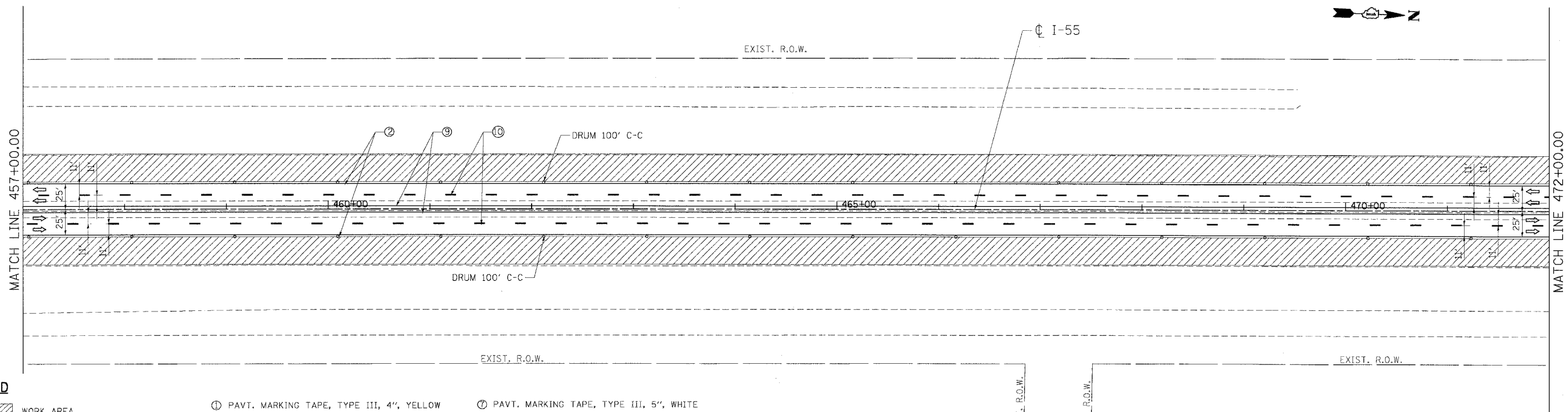
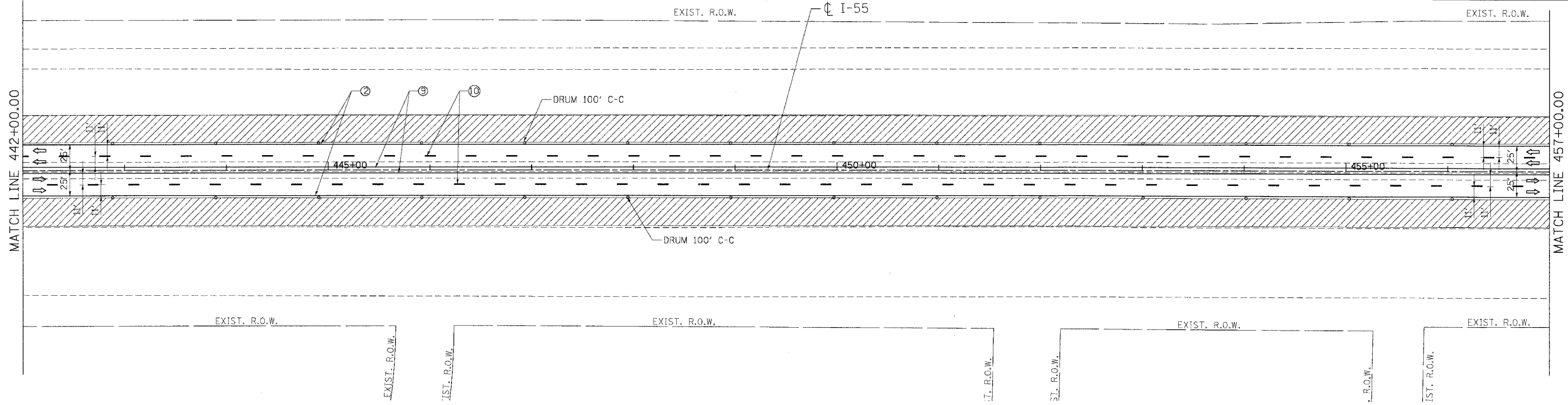
**STAGING AND TRAFFIC CONTROL**  
**FAI 55 - STAGE II**  
**STA. 412+00.00 TO STA. 442+00.00**

SCALE: 1"=50'  
 DATE 03/15/07  
 DRAWN BY AG  
 CHECKED BY DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE: 03/15/07  
 FILE NAME: 031507  
 PLOT SCALE: 1"=50'  
 USER NAME: DDH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	98
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PAVT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE
- ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE
- ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE
- ⑧ EPOXY PAVT. MARKING LINE 4", WHITE
- ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW
- ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP)
- ⑪ EPOXY PAVT. MARKING LINE 5", WHITE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE II  
 STA. 442+00.00 TO STA. 472+00.00**

SCALE: 1"=50'  
 DATE: 03/15/07

DRAWN BY: AG  
 CHECKED BY: DDH

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

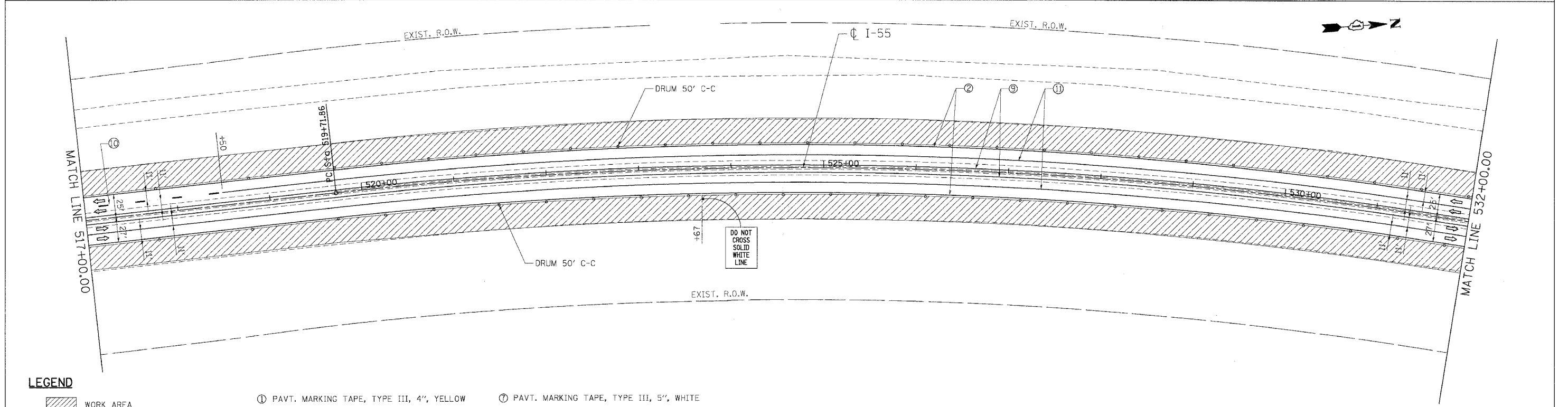
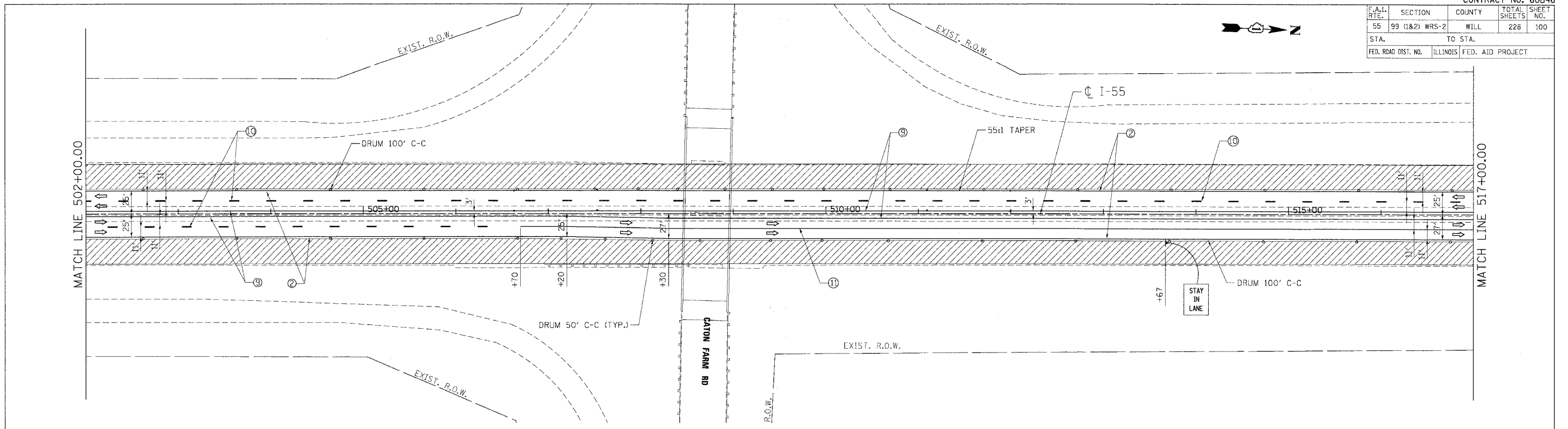
PLOT DATE = 03/15/07  
 PLOT SCALE = 1"=50'  
 USER NAME = JLS  
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 3-15-2007 12:05:00 PM  
 SAUNDERS



PLOT DATE = 03/15/07  
 FILE NAME = 60B46.DWG  
 USER NAME = DDH  
 3/15/2007 12:28:27  
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 J:\PROJECTS\60B46\60B46.DWG  
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 V:\PROJECTS\60B46\60B46.DWG  
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 X:\PROJECTS\60B46\60B46.DWG  
 Y:\PROJECTS\60B46\60B46.DWG  
 Z:\PROJECTS\60B46\60B46.DWG

CONTRACT NO. 60B46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-2	WILL	228	100
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PAVT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PAVT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PAVT. MARKING TAPE, TYPE III, 5", WHITE (10' DASH 30' SKIP)
- ④ PAVT. MARKING TAPE, TYPE III, 4", WHITE (2' DASH 6' SKIP)
- ⑤ PAVT. MARKING TAPE, TYPE III, 8", WHITE
- ⑥ PAVT. MARKING TAPE, TYPE III, 12", WHITE
- ⑦ PAVT. MARKING TAPE, TYPE III, 5", WHITE
- ⑧ EPOXY PAVT. MARKING LINE 4", WHITE
- ⑨ EPOXY PAVT. MARKING LINE 4", YELLOW
- ⑩ EPOXY PAVT. MARKING LINE 5", WHITE (10" DASH 30' SKIP)
- ⑪ EPOXY PAVT. MARKING LINE 5", WHITE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55 (BLACK ROAD TO U.S. 30)  
 WIDENING AND RESURFACING

**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE II  
 STA. 502+00.00 TO STA. 532+00.00**

SCALE: 1"=50'  
 DATE 03/15/07

DRAWN BY AG  
 CHECKED BY DDH

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