

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

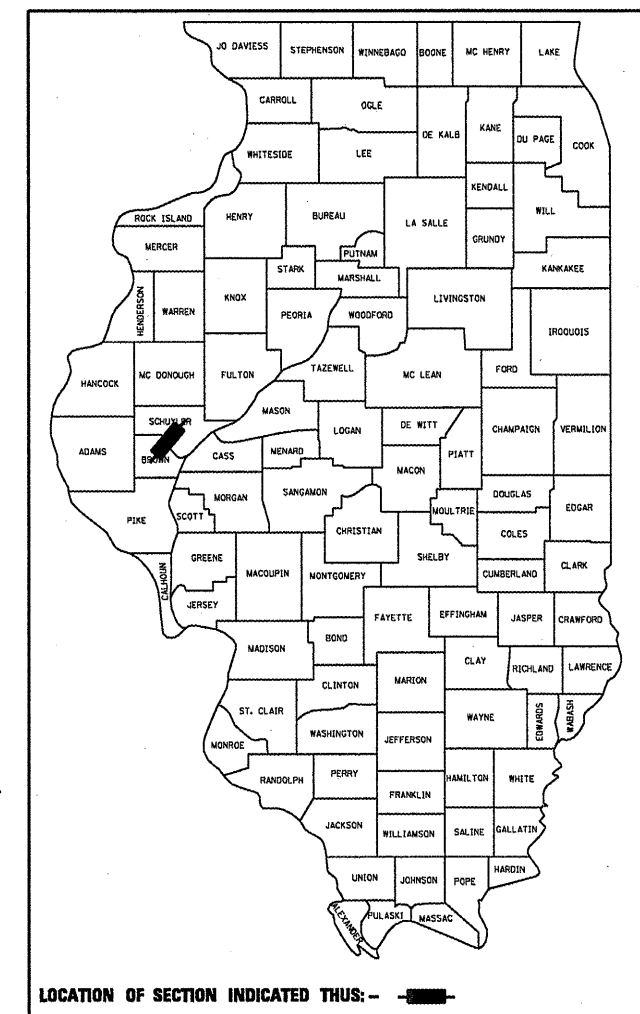
**PROPOSED**  
**HIGHWAY PLANS**

**F.A.P. ROUTE 317 (US24)**  
**SECTION 9RS-4, (10,11) RS-3; (10B-1) R**

**BROWN & SCHUYLER COUNTIES**  
**C-96-129-10**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	..	.	196	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 72432	
• BROWN & SCHUYLER				
•• 9RS-4, (10,11) RS-3; (10B-1) R				

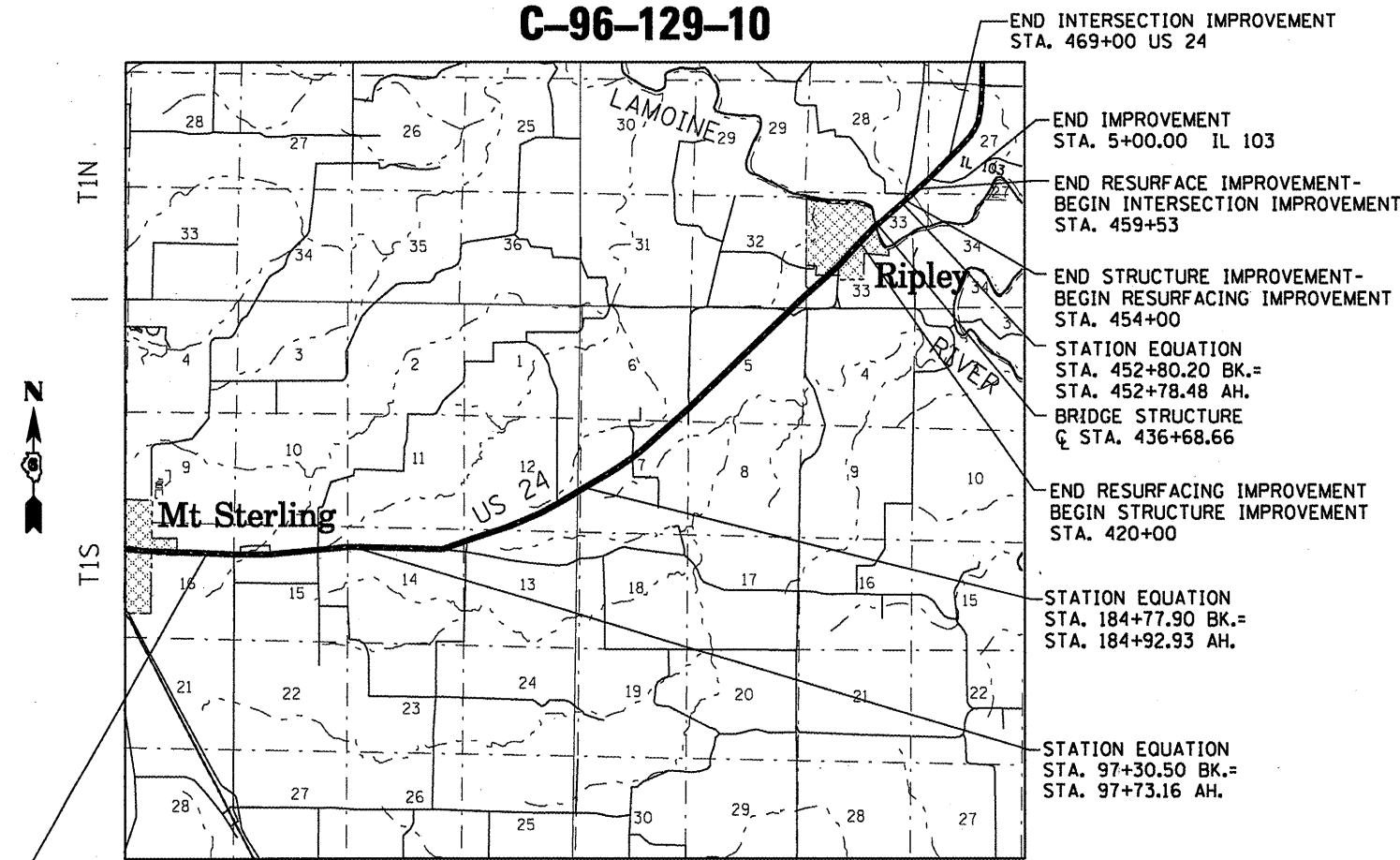
D-96-535-00



LOCATION OF SECTION INDICATED THIS: - [shaded area]

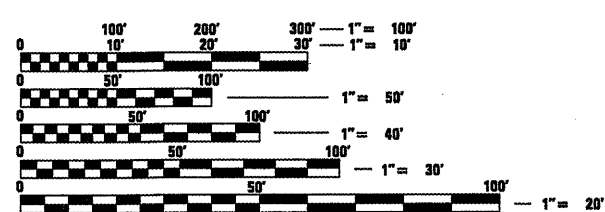
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION = OTHER PRINCIPAL ARTERIAL  
 ADT: 3005 (YD 2009)  
 MU = 6.0%  
 SU = 12.0%  
 NOTE: ADT IS AVERAGED OVER PROJECT LIMITS



BEGIN RESURFACING IMPROVEMENT STA. 52+00.00  
 R3W | R2W

- END INTERSECTION IMPROVEMENT STA. 469+00 US 24
- END IMPROVEMENT STA. 5+00.00 IL 103
- END RESURFACE IMPROVEMENT-BEGIN INTERSECTION IMPROVEMENT STA. 459+53
- END STRUCTURE IMPROVEMENT-BEGIN RESURFACING IMPROVEMENT STA. 454+00
- STATION EQUATION STA. 452+80.20 BK.= STA. 452+78.48 AH.
- BRIDGE STRUCTURE & STA. 436+68.66
- END RESURFACING IMPROVEMENT BEGIN STRUCTURE IMPROVEMENT STA. 420+00
- STATION EQUATION STA. 184+77.90 BK.= STA. 184+92.93 AH.
- STATION EQUATION STA. 97+30.50 BK.= STA. 97+73.16 AH.



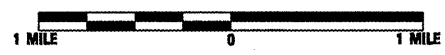
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER SAL MADONIA 217-782-4621  
 PROJECT MANAGER KEN ANDERSON 217-524-7546

CONTRACT NO. 72432

**LOCATION MAP**



GROSS LENGTH OF SECTION = 41695.06 FT = 7.897 MILES  
 NET LENGTH OF SECTION = 41695.06 FT = 7.897 MILES

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED Mar 26 20 10  
Ron J. O'Neil  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 20 10  
Scott E. Stitt, P.E.  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 20 10  
Christine M. Reed  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY**  
**OF THE STATE OF ILLINOIS**

LIST OF STANDARDS

000001-05	602701-02	701001-02
001001-02	604006-04	701006-03
280001-05	604036-02	701011-02
420401-08	606001-01	701201-03
442201-03	606301-04	701301-03
482001-02	609001-05	701306-02
482011-03	609006-05	701311-03
515001-03	630001-08	701326-03
542301-02	630301-05	701331-03
542401-01	631031-08	701901-01
542601-02	635006-03	720001-01
601101-01	635011-02	720006-02
602301-02	665001-02	780001-02
602401-02	666001-01	781001-03
602601-02	667101-01	B.L.R. 22-6

442201-03 482-011-03 602301-02  
 604006-04 606001-04 606301-04  
 720001-01 720006-02

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND LIST OF STANDARDS
3	GENERAL NOTES AND COMMITMENTS
4-8	SUMMARY OF QUANTITIES
9-18	TYPICAL SECTIONS
19-25	SCHEDULES OF QUANTITIES
26	BUTT-JOINT DETAILS
27	BENCHMARKS AND TIE POINTS
28-33	SUPERELEVATION TRANSITION DETAIL
34-35	ENTRANCE AND SIDEROAD DETAILS
36	SLOPE STEP DETAILS
37-50	LINE DIAGRAM SHEETS
51-52	US 24 PLAN AND PROFILE SHEETS
53	IL 103 PLAN AND PROFILE SHEETS
54	US 24/IL 103 INTERSECTION DETAILS
55-57	US 24/IL 103 PAVEMENT MARKING PLANS
58-67	US 24 CROSS SECTIONS
68-72	IL 103 CROSS SECTIONS
73	COVER SHEET- ROADWAY/ BRIDGE REPLACEMENT
74-75	TYPICAL SECTIONS
76-78	HORIZONTAL & VERTICAL CONTROL
79	PROPERTY OWNER INFORMATION SHEET
80-82	SCHEDULE OF QUANTITIES
83-89	REMOVAL PLANS
90-103	PLAN AND PROFILES
104-105	TRAFFIC STAGING PLAN
106-111	STORMWATER POLLUTION PREVENTION PLAN
112	DETAIL SHEETS
113	CULVERT DETAILS
114	INTERSECTION DETAILS
115	CONCRETE COLLAR DETAILS
116-118	DISTRICT 6 ENTRANCE DETAILS
119-148	BRIDGE PLANS
149-191	CROSS SECTIONS
192-196	ROCK CORE BORING 11, 13, 16

NOTE:

THIS IS A COMBINED SET OF PLANS PREPARED BY IDOT DISTRICT 6 AND HDC ENGINEERING, LLC.  
 SHEETS 1-8 APPLY TO COMBINED PROJECT  
 SHEETS 9-72 PREPARED BY IDOT DISTRICT 6  
 SHEETS 73-196 PREPARED BY HDC ENGINEERING, LLC

<b>DISTRICT SIX</b>	
EXAMINED <u>MARCH 25</u>	20 <u>10</u>
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <u>MARCH 25</u>	20 <u>10</u>
<i>[Signature]</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>March 23</u>	20 <u>10</u>
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	3
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10.11) RS-3; (10B-1) R  
SHEET OF

GENERAL NOTES

JOB SPECIFIC NOTES

- THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION. THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH BITUMINOUS MIXTURE IS PLACED.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS. TREES OUTSIDE THE DESIGNATED LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- ALL DETAILS IN THESE PLANS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND SHALL GOVERN.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE CONTRACTOR IS REQUIRED TO CONTACT J.U.L.I.E. AT 1-800-892-0123, PRIOR TO PROCEEDING WITH ANY EXCAVATION AND WORK ON THE PROJECT.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
- ACCESS TO ALL ENTRANCES AND SIDES ROADS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT AS DETAILED IN THE TRAFFIC CONTROL STAGING PLAN.
- IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE CROSS TIES FOR ALL HORIZONTAL CONTROL POINTS AND BENCHMARK ELEVATIONS FOR VERTICAL CONTROL, AT THE COMPLETION OF THE PROJECT. ALL THIS INFORMATION SHALL BE SUPPLIED IN A BOUND SURVEY BOOK AND IS CONSIDERED AS PART OF CONSTRUCTION LAYOUT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE ANY SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- REMOVED CONCRETE OR BITUMINOUS PAVEMENT AND CONCRETE OR STONE CURB SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTOR'S OWN EXPENSE AT LOCATIONS PROVIDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
- ALL SAW CUTS NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH SHALL BE 1 1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.

- FOR ALL THE TEMPORARY PAVEMENT MARKINGS ON FINAL SURFACE (I.E. MAINLINE PAVEMENT) ONLY TEMPORARY PAVEMENT MARKING TAPE TYPE III SHALL BE USED.
- NO PASSING ZONES ARE TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS, THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT MARKING. (PH: 217-785-5312).
- UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- THE FOLLOWING APPLICATION RATES HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD. (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ. YD. (ON AGG.)
HMA SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	2.05 TON/CU. YD.
RIPRAP	1.5 TON/CU. YD.
MULCH METHOD	2.0 TON/ACRE
AGRICULTURE GROUND LIMESTONE	2.0 TON/ACRE
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- IN THE EVENT THAT THE DEPARTMENT HAS A CONTRACT FOR WORK ADJOINING THIS PROJECT THE CONTRACTORS ARE TO COOPERATE IN ACCORDANCE WITH SECTION 105.08 OF THE STANDARD SPECIFICATIONS.
- CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTIONS FOR ENTRANCES, SIDEROADS, TURN LANES, ETC. WILL BE ALLOWED.
- BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.
- THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH AND DIAMETER OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.
- NO COMMITMENTS MADE

- THE CONTRACTOR SHALL REMOVE ANY EXISTING FENCES LOCATED INSIDE THE PROPOSED RIGHT-OF-WAY. IF WITHIN THE CONSTRUCTION LIMITS THE COST TO PERFORM THIS WORK WILL BE INCLUDED IN THE COST FOR EARTH EXCAVATION. IF WITHIN THE RIGHT-OF-WAY AND OUTSIDE THE CONSTRUCTION LIMITS, FENCE REMOVAL WILL BE PAID FOR AS FENCE REMOVAL.
- THE CONTRACTOR SHALL CONSTRUCT ALL SIDE ROADS AND ENTRANCES WITH MINIMUM SIDE SLOPES OF 1:4.
- THE CONTRACTOR SHALL CONTACT ADAMS ELECTRIC CO-OP (217) 593-7701 TO RELOCATE THE EXISTING LIGHT POLES AT US 24/IL 103. THESE POLES AND LIGHTS ARE THE PROPERTY AND MAINTENANCE OF ADAMS ELECTRIC
- EXISTING FLASHING BEACONS ALONG IL 103 OVER STOP SIGN AND STOP AHEAD SIGN SHALL BE REMOVED. EXISTING UNDERGROUND WIRING SHALL BE ABANDONED.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS							
Mixture Use(s):	HMA Full Depth (13 1/2") Surface 2"	HMA Full Depth (13 1/2") Top Lift Binder 2 1/4"	HMA Full Depth (13 1/2") Lower Binder Lifts	HMA Base Course Widening & Patching	HMA Surface 2" & Incidental	HMA Level binder	HMA Bituminous Shoulders
PG:	SBS PG 64-28	SBS PG 64-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
Design Air Voids	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	2.0% @ N30
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 19.0	IL 19.0	IL 19.0	IL 9.5 or 12.5	IL 9.5	BAM
Friction Aggregate	C	N/A	N/A	N/A	C	N/A	N/A
20 Year ESAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GENERAL NOTES

FAP RTE 317 (US 24)  
SECTION 9RS-4, (10.11)RS-3; (10B-1)R  
BROWN AND SCHUYLER COUNTIES

CODE NO.	ITEM	UNITS	TOTAL QUANTITY 100% STATE	CONSTRUCTION CODE					
				BROWN COUNTY			SCHUYLER COUNTY		
				ROADWAY HMA RESURFACING STA. 52+00 TO STA. 420+00.00	ROADWAY NEW CONSTRUCTION STA. 420+00.00 TO STA. 434+34.07	BRIDGE SN 005-0000 STA. 434+34.07 TO STA. 439+03.24	ROADWAY NEW CONSTRUCTION STA. 439+03.24 TO STA. 452+80.20 BK. = STA. 452+78.48 AH. TO STA. 454+00.00	ROADWAY HMA RESURFACING STA. 454+00.00 TO STA. 459+53.00	ROADWAY HMA RESURFACING STA. 459+53.00 TO STA. 469+00.00 AND IL103 INTERSECTION
20100110	TREE REMOVAL ( 6 TO 15 UNITS DIAMETER)	UNIT	47	1000-2A	1000-2A	X030-2A	1000-2A	1000-2A	1000-2A
20100210	TREE REMOVAL ( OVER 15 UNITS DIAMETER)	UNIT	194		84		110		
20100500	TREE REMOVAL, ACRES	ACRE	2.1		0.8		1.3		
20200100	EARTH EXCAVATION	CU YD	30468		7850		22012		606
20200200	ROCK EXCAVATION	CU YD	27671				27671		
20200500	EARTH EXCAVATION (WIDENING)	CU YD	183		90		93		
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	249	221.7				11.1	16.2
20400800	FURNISHED EXCAVATION	CU YD	2611		952				1659
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	194			194			
20800150	TRENCH BACKFILL	CU YD	41		15		11		15
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3061		1884		1177		
25000200	SEEDING, CLASS 2	ACRE	6		3		2		1
25000300	SEEDING, CLASS 3	ACRE	1.1		0.6		0.5		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	627		321		216		90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	627		321		216		90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	627		321		216		90
25000700	AGRICULTURAL GROUND LIMESTONE	TON	14		7.2		4.8		2
25100115	MULCH, METHOD 2	ACRE	7		3		2		2
25100630	EROSION CONTROL BLANKET	SQ YD	5912		2573		3339		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	596		357		239		
28000315	AGGREGATE DITCH CHECKS	TON	360		246		96		18
28000400	PERIMETER EROSION BARRIER	FOOT	2868		1549		305		1014
28000500	INLET AND PIPE PROTECTION	EACH	6		3		3		
28100007	STONE RIPRAP, CLASS A4	SQ YD	5945		1746	1972	2227		
28200200	FILTER FABRIC	SQ YD	5945		1746	1972	2227		
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	1421				1421		
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	5619		2669		1369		1581
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	1023		340		683		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	479		377		102		
35501329	HOT-MIX ASPHALT BASE COURSE, 11 1/4"	SQ YD	1329						1329
35800100	PREPARATION OF BASE	SQ YD	1472.5	1472.5					
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	119.5	70					49.5

\* 9RS-4, (10,11RS-3; (10B-1)R  
 \*\* BROWN, SCHUYLER

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pww001\LAUGHLINR1\dms20637\672432-shr-soq.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	**	196	4
	PLOT SCALE = 180.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72432								
	PLOT DATE = Mar-23-2010 01:58:52PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNITS	TOTAL QUANTITY 100% STATE	I000-2A	I000-2A	X030-2A	I000-2A	I000-2A	I000-2A			
				CONSTRUCTION CODE								
				BROWN COUNTY			SCHUYLER COUNTY					
ROADWAY HMA RESURFACING STA. 52+00 TO STA. 420+00.00	ROADWAY NEW CONSTRUCTION STA. 420+00.00 TO STA. 434+34.07	BRIDGE SN 005-0000 STA. 434+34.07 TO STA. 439+03.24	ROADWAY NEW CONSTRUCTION STA. 439+03.24 TO STA. 452+80.20 BK. = STA. 452+78.48 AH. TO STA. 454+00.00	ROADWAY HMA RESURFACING STA. 454+00.00 TO STA. 459+53.00	ROADWAY HMA RESURFACING STA. 459+53.00 TO STA. 469+00.00 AND IL103 INTERSECTION							
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	47	42.2	1.1		1.1	0.5	2.1			
40600300	AGGREGATE (PRIME COAT)	TON	237	206.8	8.1		8.3	2.7	11.1			
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	5045	4269.6	165		331	57	222.4			
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2462	2050.8					411.2			
40600990	TEMPORARY RAMP	SQ YD	1086	584	213		213		76			
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	9432.5	8546.6	166		162	113.5	444.4			
40701951	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"	SQ YD	5268		2551		2717					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	740.5	708.3	9.9		3.2		19.1			
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	240		120		120					
42001300	PROTECTIVE COAT	SQ YD	338		120		218					
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	139				139					
44000100	PAVEMENT REMOVAL	SQ YD	4512		1758		2427		327			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	2311	2311								
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	101595	96445.1	733		367	1351.8	2698.1			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	236						236			
44000700	APPROACH SLAB REMOVAL	SQ YD	134		67		67					
44004250	PAVED SHOULDER REMOVAL	SQ YD	5754		2596		3158					
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	50	25				10	15			
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	765	645				45	75			
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	325	275				20	30			
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	225	150				30	45			
44200164	PAVEMENT PATCHING, TYPE I, 14 INCH	SQ YD	25	25								
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	75	75								
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	75	75								
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	50	50								
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SQ YD	5.4		5.4							
48101200	AGGREGATE SHOULDERS, TYPE B	TON	4170	4107				63				
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2773		964		1003		806			
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	3695	3695								
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	4321.5		1361		1390	491.6	1078.9			
48203100	HOT-MIX ASPHALT SHOULDERS	TON	101	101								

• 9R5-4, (10,11RS-3), (10B-1)R  
 \*\* BROWN, SCHUYLER

FILE NAME =	USER NAME = laughtinr1	DESIGNED -	REVISED -
es:\pw\work\PIWIDOT\LAUGHLINRL\dms20637\1672432\shl\soq.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-26-2010 12:54:38PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 317	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		**	196	5
CONTRACT NO. 72432			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNITS	TOTAL QUANTITY 100% STATE	CONSTRUCTION CODE					
				BROWN COUNTY			SCHUYLER COUNTY		
				ROADWAY HMA RESURFACING STA. 52+00 TO STA. 420+00.00	ROADWAY NEW CONSTRUCTION STA. 420+00.00 TO STA. 434+34.07	BRIDGE SN 005-0000 STA. 434+34.07 TO STA. 439+03.24	ROADWAY NEW CONSTRUCTION STA. 439+03.24 TO STA. 452+80.20 BK. = STA. 452+78.48 AH. TO STA. 454+00.00	ROADWAY HMA RESURFACING STA. 454+00.00 TO STA. 459+53.00	ROADWAY HMA RESURFACING STA. 459+53.00 TO STA. 469+00.00 AND IL103 INTERSECTION
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1			
50104400	CONCRETE HEADWALL REMOVAL	EACH	2		2.0				
50105220	PIPE CULVERT REMOVAL	FOOT	179		74		105		
50200100	STRUCTURE EXCAVATION	CU YD	655			655			
50300225	CONCRETE STRUCTURES	CU YD	301.8			301.8			
50300225	CONCRETE SUPERSTRUCTURE	CU YD	699.8			699.8			
50300260	BRIDGE DECK GROOVING	SQ YD	1992			1992.0			
50300280	CONCRETE ENCASEMENT	CU YD	12.6			12.6			
50300300	PROTECTIVE COAT	SQ YD	2538.0			2538.0			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.0			1.0			
50500505	SHEAR STUD CONNECTORS	EACH	3600.0			3600			
50800105	REINFORCEMENT BARS	POUND	20760.0			20760			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	200830.0			200830			
50800515	BAR SPLICERS	EACH	386.0			386			
51201600	FURNISHING STEEL PILES HP 12X53	FOOT	1445.0			1445			
51202305	DRIVING PILES	FOOT	1445.0			1445			
51203600	TEST PILE STEEL HP 12X53	EACH	2.0			2			
51204650	PILE SHOES	EACH	36.0			36			
51500100	NAME PLATES	EACH	1.0			1			
51603000	DRILLED SHAFT IN SOIL	CU YD	73.5			73.5			
51604000	DRILLED SHAFT IN ROCK	CU YD	34.7			34.7			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	86			86.0			
52100020	ELASTOMERIC BEANING ASSEMBLY, TYPE 11	EACH	12			12.0			
52100520	ANCHOR BOLTS, 1"	EACH	24			24.0			
52100530	ANCHOR BOLTS, 1 1/4"	EACH	24			24			
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	56				56		
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	68		68				
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	50		50				
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	70					70	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	94				94		
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	58		58				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2		2				

• 9RS-4, (10,11RS-3; (10B-1)R  
 \*\* BROWN, SCHUYLER

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\VP\VIDOT\LAUGHLINR1\dms20637\672432-shr-seq.dgn	DRAWN -	REVISED -	317			.	**	196	6	
PLOT SCALE = 1/80.0000 "/ IN.	CHECKED -	REVISED -	CONTRACT NO. 72432							
PLOT DATE = Mar-23-2018 01:58:58PM	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNITS	TOTAL QUANTITY 100% STATE	CONSTRUCTION CODE					
				BROWN COUNTY			SCHUYLER COUNTY		
				ROADWAY HMA RESURFACING STA. 52+00 TO STA. 420+00.00	ROADWAY NEW CONSTRUCTION STA. 420+00.00 TO STA. 434+34.07	BRIDGE SN 005-0000 STA. 434+34.07 TO STA. 439+03.24	ROADWAY NEW CONSTRUCTION STA. 439+03.24 TO STA. 452+80.20 BK. = STA. 452+78.48 AH. TO STA. 454+00.00	ROADWAY HMA RESURFACING STA. 454+00.00 TO STA. 459+53.00	ROADWAY HMA RESURFACING STA. 459+53.00 TO STA. 469+00.00 AND IL103 INTERSECTION
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2				2		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1		1				
54215547	METAL END SECTIONS 12"	EACH	2				2		
54215550	METAL END SECTIONS 15"	EACH	4						4
54215985	REINFORCED CONCRETE PIPE ELBOW 30"	EACH	1		1				
54248510	CONCRETE COLLAR	CY	0.66		0.66				
58700300	CONCRETE SEALER	SQ FT	784			784			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	83			83			
60105000	PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY 12"	FOOT	35				35		
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	128			128			
60219000	MANHOLES, TYPE A, 4' - DIAMETER, TYPE B GRATE	EACH	1		1				
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2						2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24	FOOT	335						335
60622320	CONCRETE MEDIAN, TYPE SM-4, 24	SQ FT	165						165
60900240	TYPE C INLET BOX, STANDARD 609006	EACH	2		1		1		
60900515	CONCRETE THRUST BLOCKS	EACH	2				2		
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1325	550	387.5		387.5		
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		2		2		
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	8	4	2		2		
63200310	GUARDRAIL REMOVAL	FOOT	1456	746	556		154		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	26		20		6		
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	8		4		4		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	4	5		5	0.5	0.5
67100100	MOBILIZATION	L SUM	1	0.2	0.2	0.2	0.2	0.1	0.1
70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	2		1		1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.3			0.1	0.1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.2	0.2		0.2	0.2	0.2
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.2	0.2		0.2	0.2	0.2
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1		0.5		0.5		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	24	5	6.5		6.5	3	3
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	4					2

\* SPECIALTY ITEM

• 9RS-4, (10,11)RS-3; (10B-1)R  
 \*\* BROWN, SCHUYLER

FILE NAME : c:\pwwork\PIV\DOT\LAUGHLINRL\dma20637\672432-sht-a00.dgn	USER NAME : laughlir1 672432-sht-a00.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE. 317	SECTION •	COUNTY **	TOTAL SHEETS 196	SHEET NO. 7
PLOT SCALE = 1/80,0000 "/ IN.	PLOT DATE = Mar-26-2010 12:54:48PM	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 72432 ILLINOIS FED. AID PROJECT		

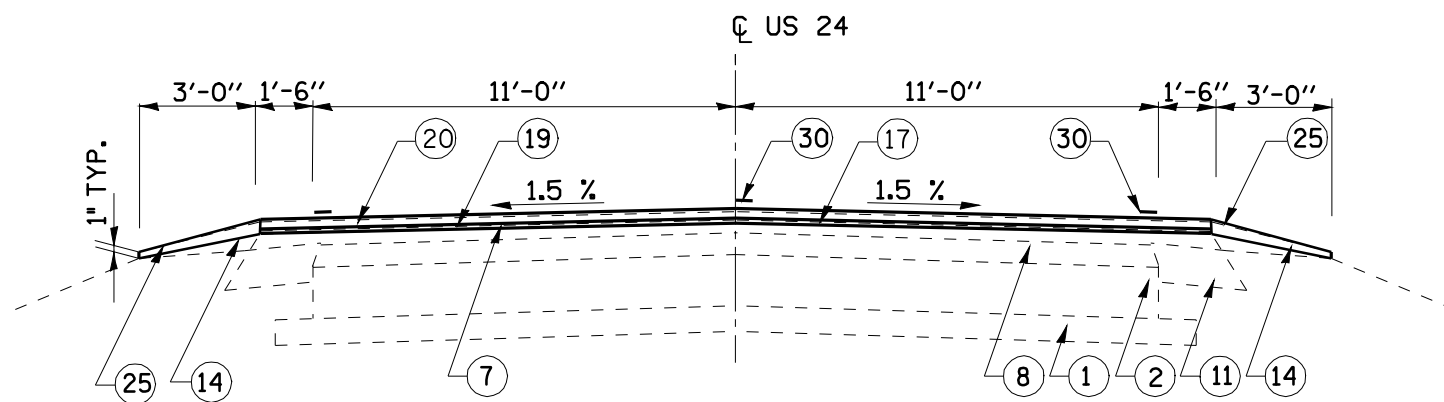
CODE NO.	ITEM	UNITS	TOTAL QUANTITY 100% STATE	CONSTRUCTION CODE					
				BROWN COUNTY			SCHUYLER COUNTY		
				ROADWAY HMA RESURFACING STA. 52+00 TO STA. 420+00.00	ROADWAY NEW CONSTRUCTION STA. 420+00.00 TO STA. 434+34.07	BRIDGE SN 005-0000 STA. 434+34.07 TO STA. 439+03.24	ROADWAY NEW CONSTRUCTION STA. 439+03.24 TO STA. 452+80.20 BK. = STA. 452+78.48 AH. TO STA. 454+00.00	ROADWAY HMA RESURFACING STA. 454+00.00 TO STA. 459+53.00	ROADWAY HMA RESURFACING STA. 459+53.00 TO STA. 469+00.00 AND IL103 INTERSECTION
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	12880	11042	522		522	166	628
70300250	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	98848	85864	3855		3883	692	4554
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	348						348
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	63						63
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	388						388
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1461	1227	72.5		72.5	19	70
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	175						175
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1		1				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	29						29
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1				1		
72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	20		10		10		
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	3707						3707
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	288						288
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	388						388
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	175						175
78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	94847	85864	3855		3883	692	553
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID LETTERS AND SYMBOLS	SO FT	63						63
78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID LINE 5"	FOOT	294						294
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID LINE 6"	FOOT	60						60
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID LINE 24"	FOOT	29						29
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	562	461	22		22	8	49
78200410	GUARDRAIL MARKERS, TYPE A	EACH	20	4	8		8		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	4	2		2		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	519	461	10		10	8	30
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION (COMPLETE)	EACH	1						1
X0321100	GEOTEXTILE RETAINING WALL	SO FT	300			300			
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	4			4			
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1129			1129			
X2020500	EARTH EXCAVATION (ROCKFILL)	CU YD	670				670		
X6064201	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	89						89
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2						2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		0.5		0.5		
Z0022800	FENCE REMOVAL	FOOT	404		125		279		
Z0054530	ROCK FILL - SUBGRADE	TON	350				350		
X0326911	TRANSVERSE DRAINS COMPLETE	EACH	5		3		2		
X0325115	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SO YD	290	290					

\* SPECIALTY ITEM

• 9RS-4, (10,11RS-3); (10B-1)R  
 \*\* BROWN, SCHUYLER

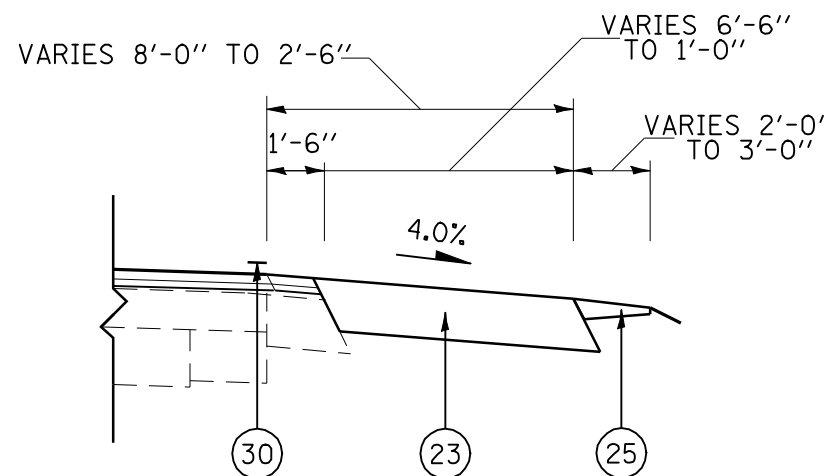
FILE NAME =	USER NAME = loughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE. 317	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6:\pwwork\PIWIDOT\LAUGHLINRL\dms20637\672432-shr+seq.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	196	8
PLOT SCALE = 180.0000" / IN.		CHECKED -	REVISED -		CONTRACT NO. 72432								
PLOT DATE = Mar-26-2010 12:54:42PM		DATE	REVISED -		ILLINOIS FED. AID PROJECT								





**TYPICAL SECTION #2**  
**FAP 317 (US 24)**

STA. 68+00.00 TO STA. 76+56.68  
STA. 97+73.69 TO STA. 99+50.00

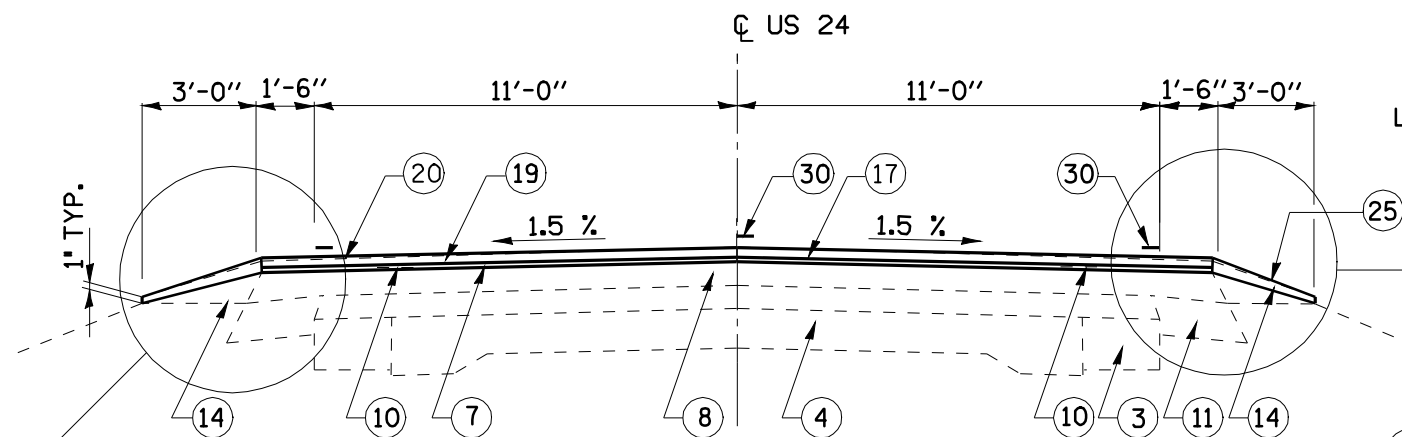


**DETAIL "A" SHOULDER TRANSITION DETAIL**

LT. & RT. STA. 52+00 TO LT. & RT. STA. 53+10

**NOTES**

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.

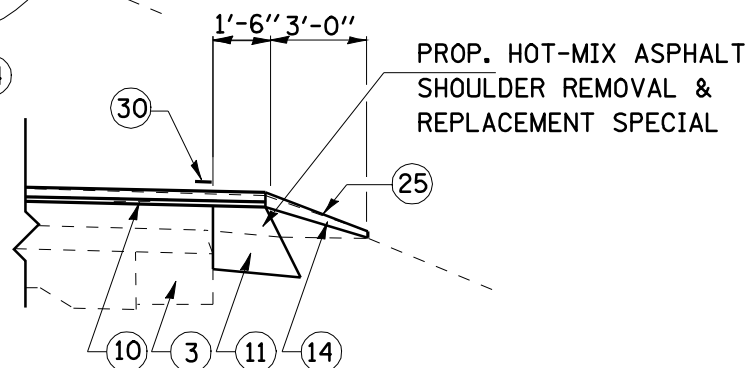


**TYPICAL SECTION #1**  
**FAP 317 (US 24)**

STA. 52+00.00 TO STA. 68+00.00  
STA. 99+50.00 TO STA. 108+99.20  
STA. 112+11.20 TO STA. 129+07.00  
STA. 133+06.00 TO STA. 159+57.61  
STA. 169+56.49 TO STA. 169+75.36  
STA. 186+57.74 TO STA. 196+61.36  
STA. 204+76.14 TO STA. 213+25.86  
STA. 219+87.24 TO STA. 222+94.26  
STA. 231+26.54 TO STA. 273+38.06  
STA. 282+23.65 TO STA. 309+15.00

SEE DETAIL "A"  
& DETAIL "B"  
THIS SHEET

SEE DETAIL "A"  
& DETAIL "B"  
THIS SHEET



**DETAIL "B"**

**SHOULDER REMOVAL & REPLACEMENT DETAIL**

**LEGEND**

- ① EXIST. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXISTING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

• 9RS-4,(10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

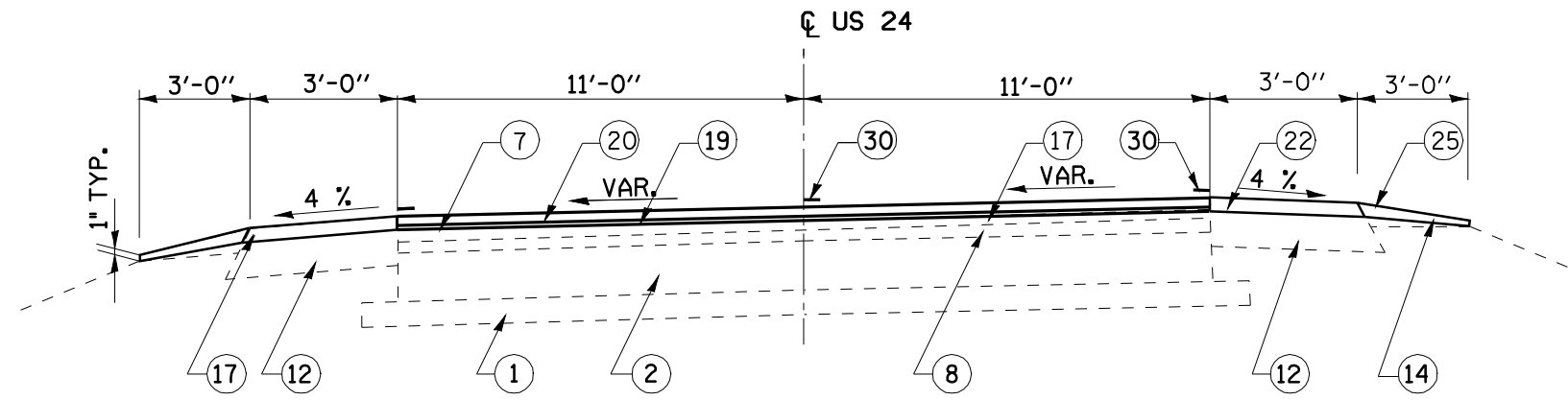
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwork\PWIDOT\LAUGHLINRL\dms20637\672432-ah-t-typico1.s.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-26-2010 12:54:44PM		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

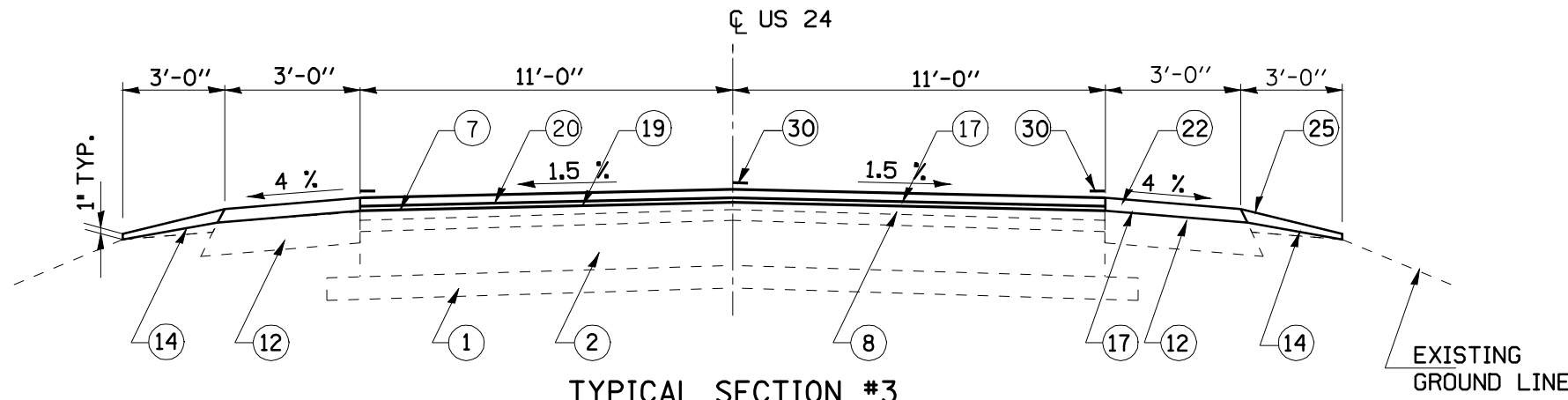
**TYPICAL SECTION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	9
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION #4**  
**FAP 317 (US 24)**  
 STA. 81+29.71 TO STA. 81+68.70



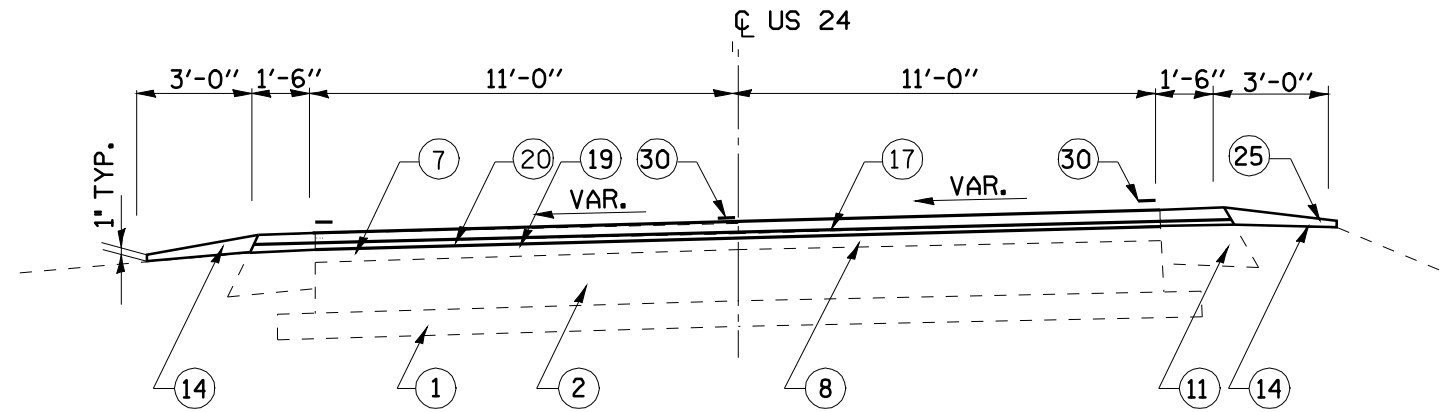
**TYPICAL SECTION #3**  
**FAP 317 (US 24)**  
 STA. 76+56.68 TO STA. 81+29.71

**LEGEND**

- ① EXSIT. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

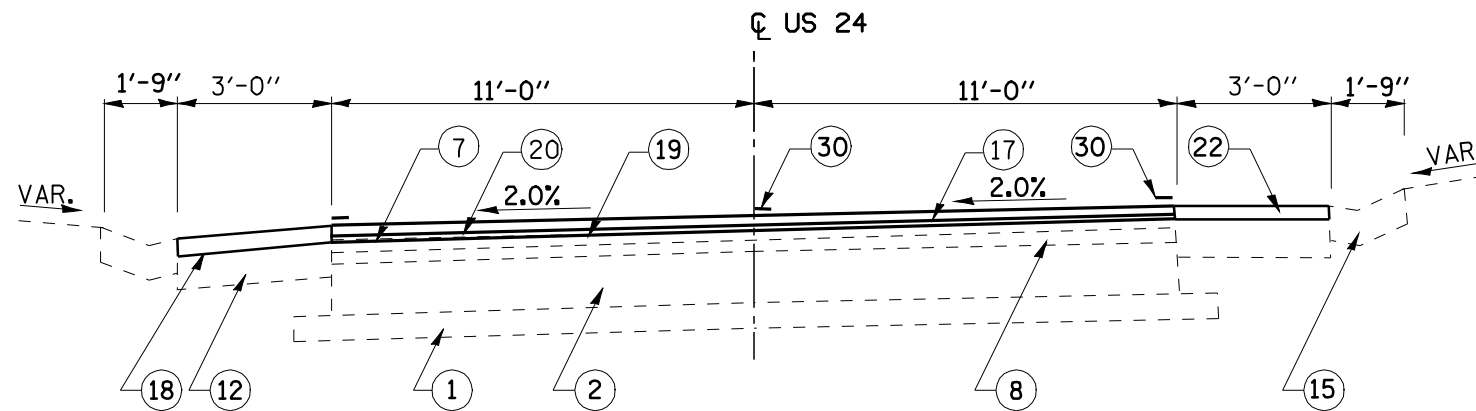
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE. 317	SECTION *	COUNTY **	TOTAL SHEETS 196	SHEET NO. 10
er:\pwork\PWIDOT\LAUGHLINRL\dma20637\672432-ah-t-typico1.s.dgn	DRAWN -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72432		
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
PLOT DATE = Mar-23-2010 01:59:06PM	DATE -	REVISED -	REVISED -									



**TYPICAL SECTION #6**  
**FAP 317 (US 24)**

STA. 88+56.00 TO STA. 97+30.50  
STATION EQUATION 97+30.50 (BK) = STA. 97+37.16 (AH)  
STA. 97+37.16 TO STA. 97+73.69

**NOTE:**  
FOR SUPERELEVATIONS, SEE SUPERELEVATION TRANSITION DETAIL SHEETS



**TYPICAL SECTION #5**  
**FAP 317 (US 24)**

STA. 81+68.70 TO STA. 88+56.00

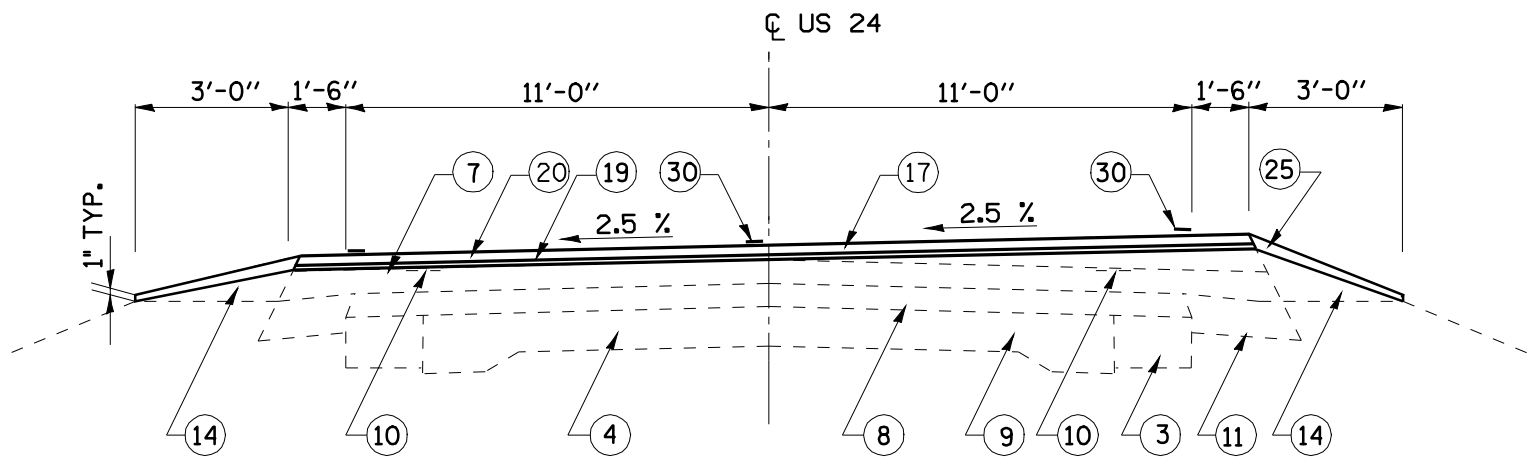
**\*NOTE:**  
EXIST. AGGREGATE SHOULDERS, TYPE B ENDS  
AND CONCRETE GUTTER, TYPE B BEGINS AT LT. STA. 81+91

**LEGEND**

- ① EXIST. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

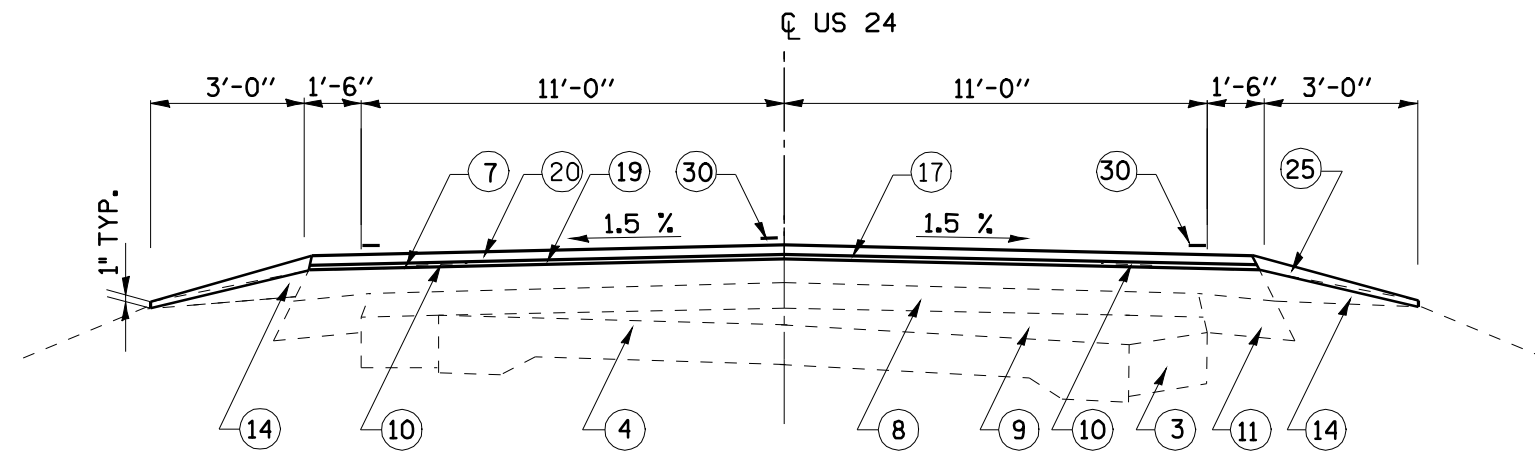
• 9RS-4,(10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwork\pwork\PWIDOT\LAUGHLINRL\dms20637\0672432-ah-t-typico1.s.dgn	DRAWN -	REVISED -	317					.	**	196	11	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72432									
PLOT DATE = Mar-23-2010 01:54:08PM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



**TYPICAL SECTION #8**  
**FAP 317 (US 24)**

STA. 159+57.61 TO STA. 169+56.49



**TYPICAL SECTION #7**  
**FAP 317 (US 24)**

STA. 108+99.20 TO STA. 112+11.20  
STA. 129+07.00 TO STA. 133+06.00

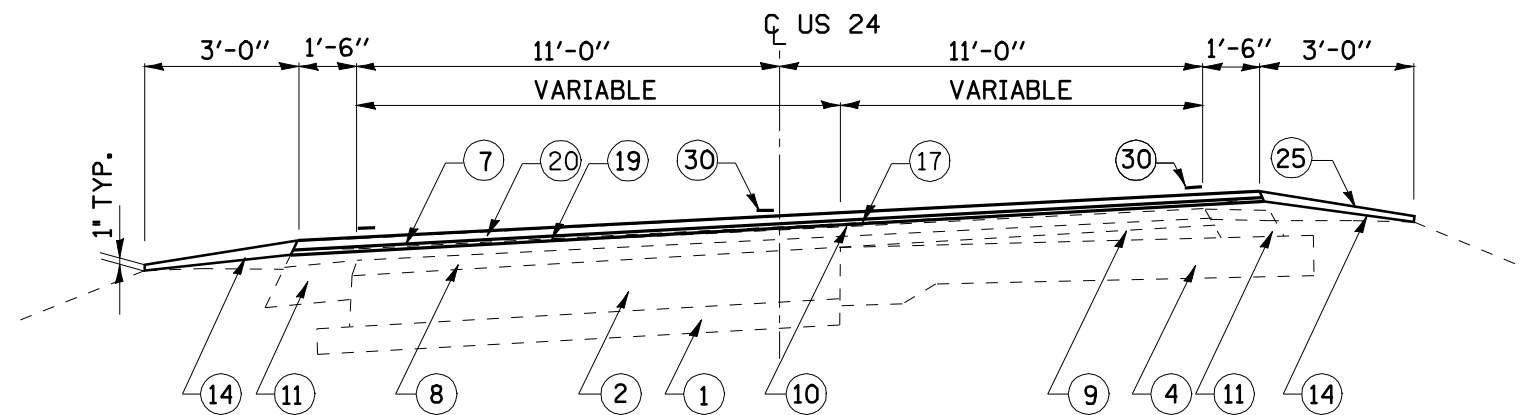
**LEGEND**

- ① EXSIT. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

**NOTE:**  
FOR SUPERELEVATIONS, SEE SUPERELEVATION TRANSITION DETAIL SHEETS

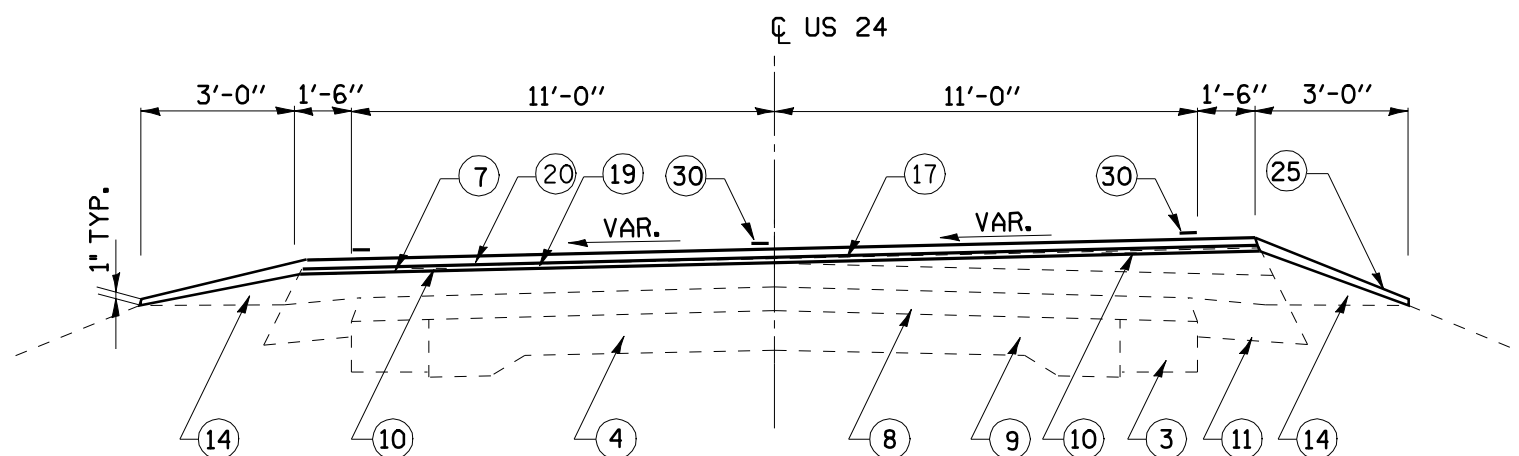
• 9RS-4,(10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er:\pwork\PWIDOT\LAUGHLINRL\dma20637\0672432-ah-t-typico1.s.dgn	DRAWN -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	317	.	196	12
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 72432								
PLOT DATE = Mar-23-2010 01:59:10PM	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



**TYPICAL SECTION #10**  
**FAP 317 (US 24)**

STA. 171+39.60 TO STA. 174+78.20  
 STA. 182+49.90 TO STA. 184+77.90  
 STATION EQUATION STA. 184+77.90 (BK) = STA. 184+92.93 (AH)



**TYPICAL SECTION #9**  
**FAP 317 (US 24)**

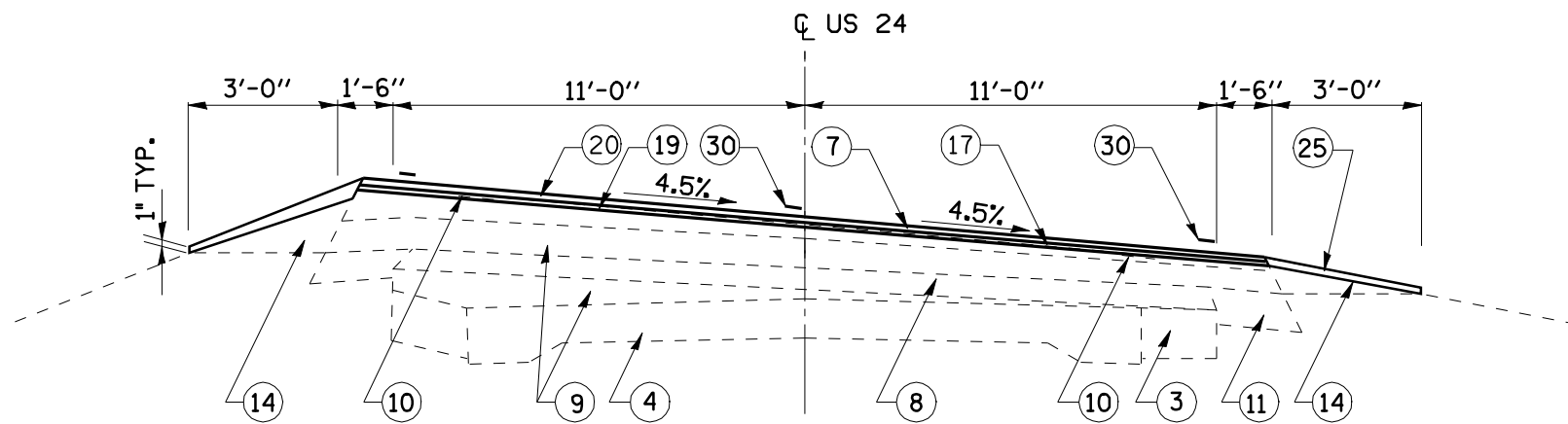
STA. 169+75.39 TO STA. 171+39.60  
 STA. 184+92.93 TO STA. 186+57.74

**LEGEND**

- ① EXIST. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\dms20637\0672432-ah-t-typico1.s.dgn		DRAWN -	REVISED -		317	.	**	196	13			
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72432			ILLINOIS FED. AID PROJECT				
PLOT DATE = Mar-23-2010 01:59:12PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

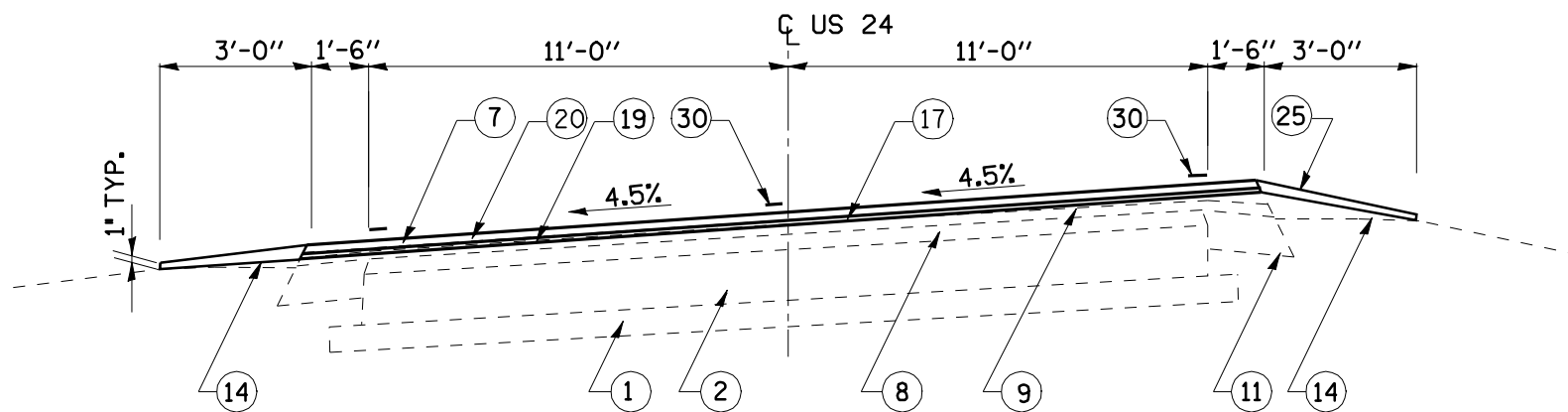


**TYPICAL SECTION #12**  
**FAP 317 (US 24)**

STA. 196+61.36 TO STA. 204+76.14

**NOTE:**

FOR SUPERELEVATIONS, SEE SUPERELEVATION TRANSITION DETAIL SHEETS



**TYPICAL SECTION #11**  
**FAP 317 (US 24)**

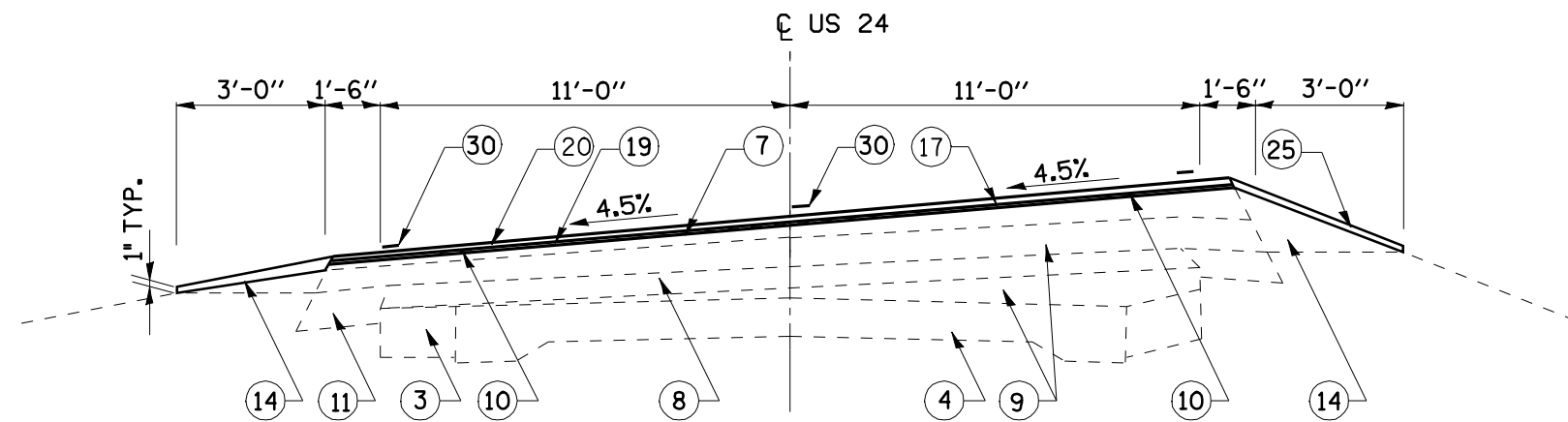
STA. 174+78.20 TO STA. 182+49.90

**LEGEND**

- ① EXSIT. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXSIT. PCC PAVEMENT, 8"
- ③ EXSIT. BASE COURSE WIDENING, 8"
- ④ EXSIT. PCC PAVEMENT 9"-6"-9"
- ⑤ EXSIT. NO. 4 TIE BAR
- ⑥ EXSIT. HMA SURFACE (3 3/4")
- ⑦ EXSIT. HMA SURFACE 2 1/4"
- ⑧ EXSIT. HMA OVERLAY 6"
- ⑨ EXSIT. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXSIT. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXSIT. HMA SHOULDERS 6"
- ⑫ EXSIT. HMA SHOULDERS 8"
- ⑬ EXSIT. AGGREGATE SHOULDER, TYPE A
- ⑭ EXSIT. AGGREGATE SHOULDER, TYPE B
- ⑮ EXSIT. PCC GUTTER, TYPE B
- ⑯ EXSIT. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwwork\pwwid\DOT\LAUGHLINRL\dms20637\0672432-ah-t-typico1.s.dgn		DRAWN -	REVISED -		317	.	**	196	14			
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72432							
PLOT DATE = Mar-23-2010 01:59:14PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



**TYPICAL SECTION #13**  
**FAP 317 (US 24)**

STA. 213+25.86 TO STA. 219+87.24  
 STA. 222+94.26 TO STA. 231+26.54  
 STA. 273+38.06 TO STA. 282+23.64

**NOTE:**

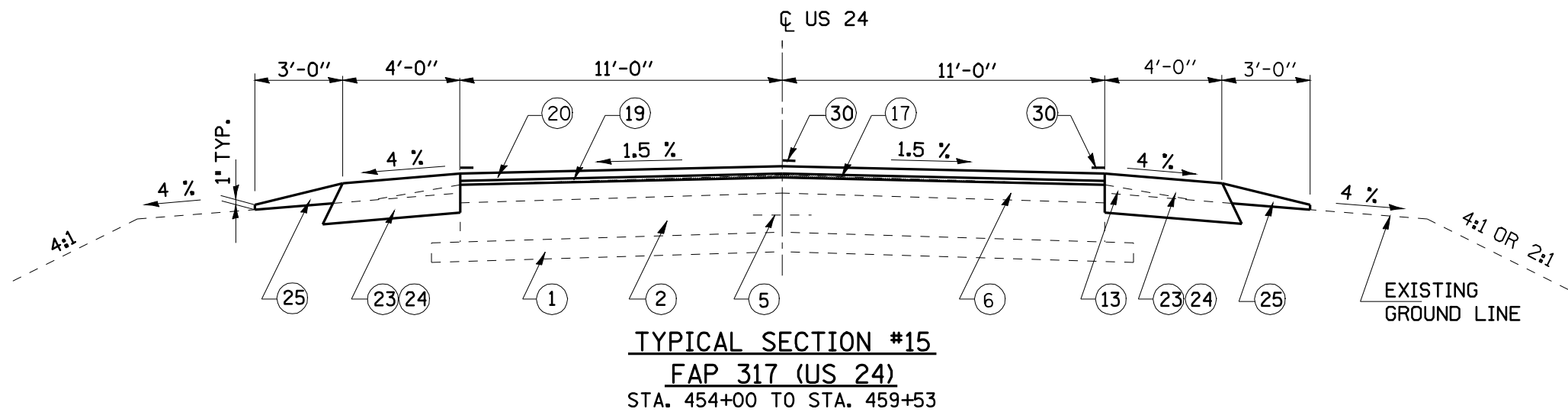
FOR SUPERELEVATIONS, SEE SUPERELEVATION TRANSITION DETAIL SHEETS

**LEGEND**

- ① EXSIT. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 •• BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\dms20637\672432-ah-t-typico1.s.dgn	DRAWN -	REVISED -	317					.	**	196	15	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72432									
PLOT DATE = Mar-23-2010 01:59:16PM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



**TYPICAL SECTION #15**  
**FAP 317 (US 24)**  
 STA. 454+00 TO STA. 459+53

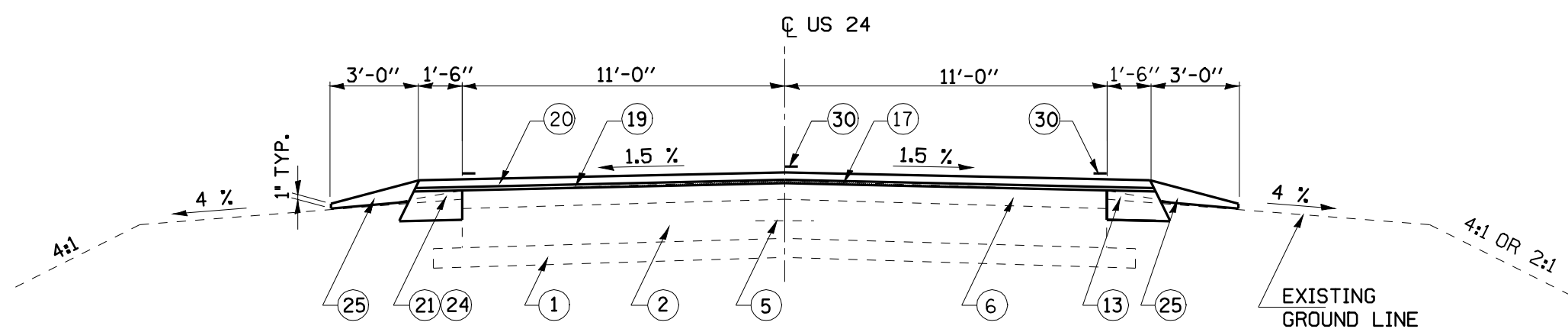
**LEGEND**

- ① EXIST. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

**NOTES**

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.

**US 24 OVER LAMOINE RIVER SECTION**  
 STA. 420+00.00 TO STA. 454+00.00  
 (SEE STRUCTURE SECTION OF PLANS)

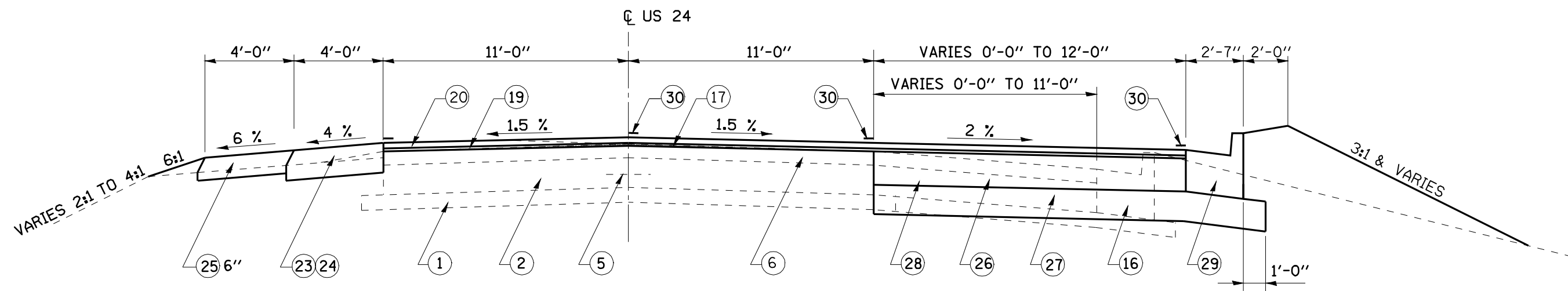


**TYPICAL SECTION #14**  
**FAP 317 (US 24)**  
 STA. 309+15 TO STA. 420+00

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE. 317	SECTION *	COUNTY **	TOTAL SHEETS 196	SHEET NO. 16
er:\pwwork\pwwid001\LAUGHLINRL\dms20637\0672432-ah-t-typico1.dgn	DRAWN -	REVISIED -	REVISIED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72432		
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISIED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
PLOT DATE = Mar-23-2010 01:59:18PM	DATE -	REVISIED -	REVISIED -									





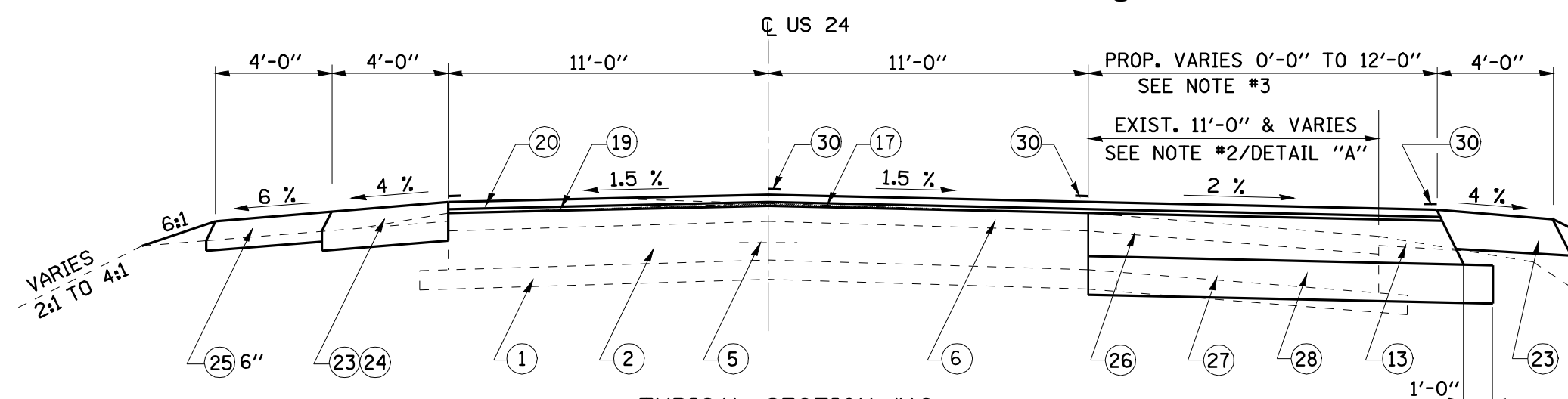
**TYPICAL SECTION #17**  
**FAP 317 (US 24)**  
 STA. 465+55.3 TO STA. 466+54.41

**LEGEND**

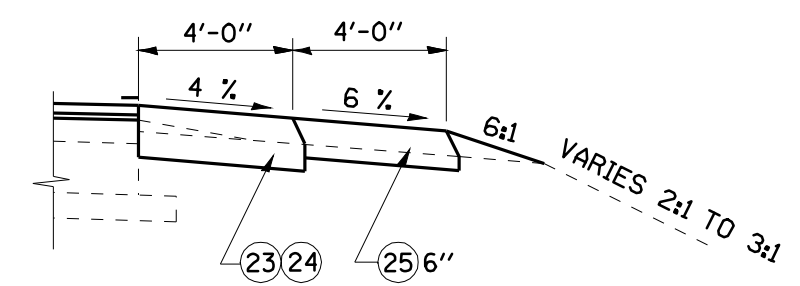
- ① EXIST. SUB-BASE GRANULAR MATERIAL (VAR. 4"-10")
- ② EXIST. PCC PAVEMENT, 8"
- ③ EXIST. BASE COURSE WIDENING, 8"
- ④ EXIST. PCC PAVEMENT 9"-6"-9"
- ⑤ EXIST. NO. 4 TIE BAR
- ⑥ EXIST. HMA SURFACE (3 3/4")
- ⑦ EXIST. HMA SURFACE 2 1/4"
- ⑧ EXIST. HMA OVERLAY 6"
- ⑨ EXIST. LEVELING BINDER (VARIABLE DEPTH)
- ⑩ EXIST. STRIP REFLECTIVE CRACK CONTROL
- ⑪ EXIST. HMA SHOULDERS 6"
- ⑫ EXIST. HMA SHOULDERS 8"
- ⑬ EXIST. AGGREGATE SHOULDER, TYPE A
- ⑭ EXIST. AGGREGATE SHOULDER, TYPE B
- ⑮ EXIST. PCC GUTTER, TYPE B
- ⑯ EXIST. COMBINATION CONCRETE CURB AND GUTTER, TO BE REMOVED
- ⑰ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑱ PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑲ PROP. LEVEL BINDER (MACHINE METHOD), N50 (3/4")
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ㉑ PROP. SAFETY SHOULDER - 1'-6" (HOT-MIX ASPHALT SHOULDER 6")
- ㉒ PROP. HOT-MIX ASPHALT SHOULDER - 2 1/4"
- ㉓ PROP. HOT-MIX ASPHALT SHOULDER - 8"
- ㉔ PROP. EXCAVATING AND GRADING EXSITING SHOULDERS
- ㉕ PROP. AGGREGATE SHOULDERS, TYPE B
- ㉖ PROP. HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- ㉗ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ㉘ PROP. PAVEMENT REMOVAL
- ㉙ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉚ PROP. PAINT PAVEMENT MARKING LINE 5"

**NOTES**

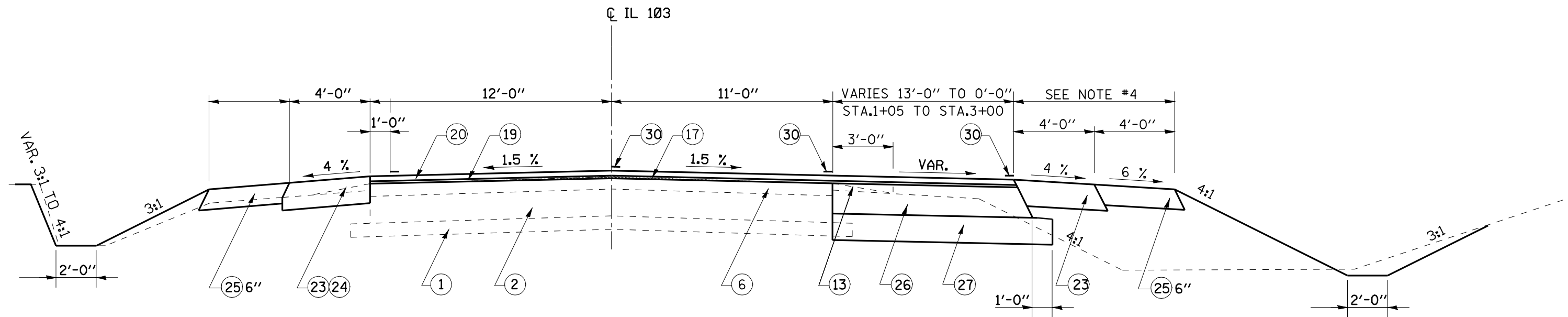
1. MILL 1/2" MIN. AT  $\bar{C}$  AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. EXISTING AGGREGATE & EARTH SHOULDERS FROM STA. 459+53 TO STA. 463+00. EXISTING RIGHT TURN LANE FROM STA. 463+00 TO STA. 465+55.30
3. PROPOSED SHOULDERS FROM RT. STA. 459+53 TO RT. STA. 461+12.90 SEE DETAIL "A" THIS SHEET FOR DETAILS. PROPOSED RIGHT TURN LANE FROM STA. 460+53.3 TO STA. 465+55.3



**TYPICAL SECTION #16**  
**FAP 317 (US 24)**  
 STA. 459+53 TO STA. 465+55.30



**DETAIL "A"**  
 RT. STA. 459+53.00 TO RT. STA. 460+53.08  
 RT. STA. 468+14.70 TO RT. STA. 469+00.00

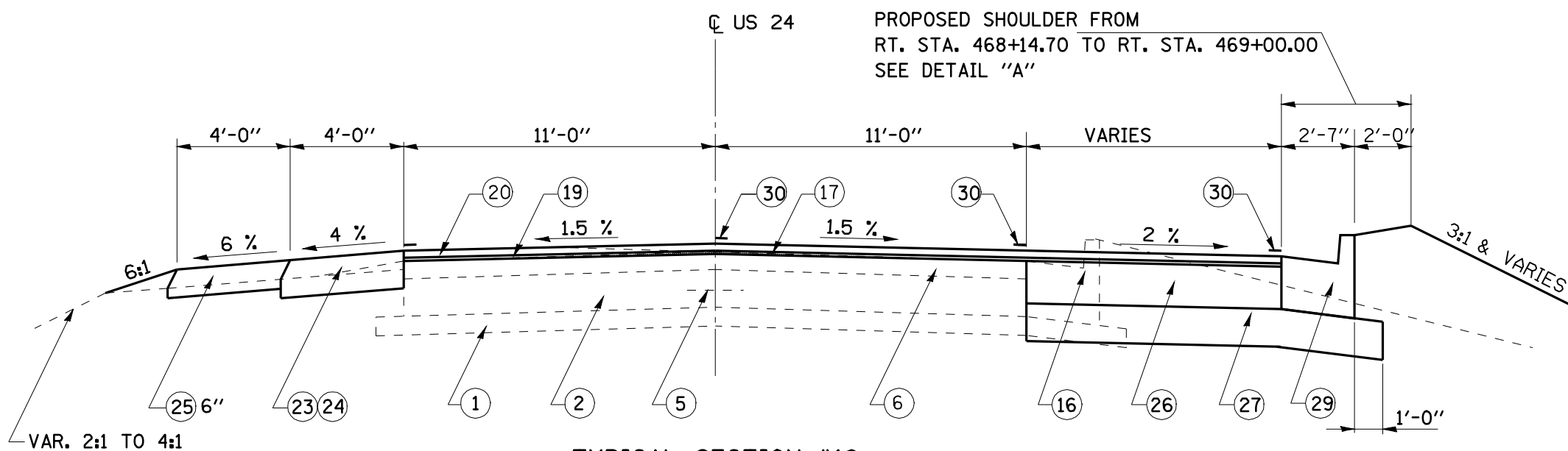


**TYPICAL SECTION #19**  
**FAP 612 (IL 103)**  
 STA. 1+05.00 TO STA. 4+50.00

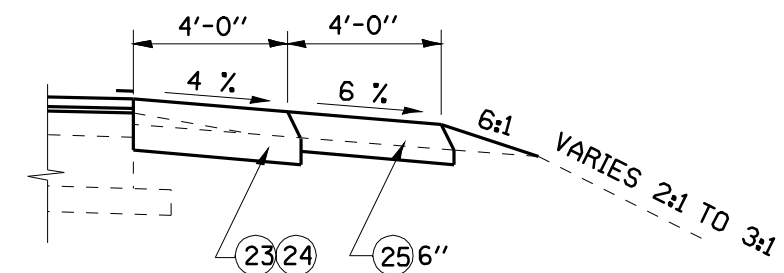
**NOTES**

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
4. COMBINATION CONCRETE CURB & GUTTER ENDS AND HOT-MIX ASPHALT SHOULDERS 8" BEGINS AT STA. 1+57.35

FOR LEGEND, SEE  
 PREVIOUS SHEET



**TYPICAL SECTION #18**  
**FAP 317 (US 24)**  
 STA. 466+54.41 TO STA. 469+00.00



**DETAIL "A"**  
 RT. STA. 459+53.00 TO RT. STA. 460+53.08  
 RT. STA. 468+14.70 TO RT. STA. 469+00.00  
 NOTE: PROPOSED AGGREGATE SHOULDERS,  
 TYPE B 6" END AT STA. 461+12.9

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-ah-t-typico1.s.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTION</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	18
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

SIDE ROAD ENTRANCE AND MAILBOX TURNOUT SCHEDULE										
LOCATION FAP 317 (US 24)	ENT WIDTH (FT)	WIDTH (FT)	EXIST SURF TYPE	PREPARATION OF BASE (SQ YD)	HOT-MIX ASPHALT SURF REMOV BUTT-JOINT (SQ YD)	INCIDENTAL HOT-MIX SURFACING (TON)	BIT MAT PRIME CT (TON)	AGGREGATE PRIME CT (TON)	AGGREGATE SURF CSE TYPE B (TON)	
US 24										
P. E. W/ MBT RT. STA. 55+70	50	50 - 120	CONC./AGG.		75.6	6.2	0.11		1.9	
MBT RT. STA. 58+43	20	20 - 70	BIT		30.0	3.4	0.01		-	
P. E. LT. STA. 58+54	12	34 - 50	AGG	37.3		7.3	0.05		0.9	
P. E. W/ MBT RT. STA. 59+16	18	59 - 75	AGG / BIT		59.6	6.7	0.02		1.5	
P. E. W/ MBT RT. STA. 65+72	14	42 - 80	AGG / BIT		54.2	6.1	0.02		1.4	
P. E. W/ MBT RT. STA. 68+58	20	50 - 70	AGG / BIT		53.3	6.0	0.02		1.3	
P. E. RT. STA. 69+16	12	16 - 32	AGG	21.3		4.2	0.03		0.5	
P. E. W/ MBT RT. STA. 70+07	18	48 - 82	AGG / BIT		57.8	6.5	0.02		1.4	
P. E. W/ MBT RT. STA. 72+91	34	55 - 71	AGG / BIT		56.0	6.3	0.02		1.4	
C. E. LT. STA. 73+00	36	51 - 64	CONC / BIT		63.9	7.2	0.02			
SIDEROAD RT. STA. 76+31	24	61 - 81	OIL & CHIP	78.9		35.3	0.11	0.2	2.0	
SIDEROAD LT. STA. 79+81	22	37 - 57	OIL & CHIP	52.2		23.4	0.07	0.1	1.3	
SIDEROAD LT. STA. 89+13	20	23 - 43	OIL & CHIP	36.7		16.4	0.05	0.1	0.9	
MBT RT. STA. 89+40	24	24 - 70	BIT		31.3	3.5	0.12			
P. E. LT. STA. 93+13	12	12 - 28	AGG	8.9	8.9	3.5	0.02		0.2	
MBT RT. STA. 93+13	25	25 - 70	BIT		31.7	3.5	0.01			
P. E. LT. STA. 96+40	22	22 - 38	AGG	13.3	13.3	5.2	0.02			
MBT RT. STA. 96+55	24	24 - 70	BIT		33.9	3.8	0.01			
P. E. LT. STA. 103+50	15	18 - 34	AGG	14.4	8.7	4.5	0.02			
MBT RT. STA. 105+62	17	17 - 71	BIT		29.3	3.3	0.01			
P. E. LT. STA. 106+40	12	20 - 36	AGG	15.6	9.3	4.9	0.02			
SIDEROAD RT. STA. 117+30	24	38 - 57	OIL & CHIP	52.8		23.6	0.08	0.1	1.3	
SIDEROAD LT. STA. 117+30	24	42 - 63	OIL & CHIP	58.3		26.1	0.08	0.1	1.5	
P. E. LT. STA. 126+08	12	27 - 43	OIL & CHIP	31.1		13.9	0.04		0.8	
MBT RT. STA. 126+20	27	27 - 68	BIT		36.9	7.2	0.01			
MBT RT. STA. 133+28	25	25 - 71	BIT		32.0	6.3	0.01			
P. E. LT. STA. 133+30	12	18 - 34	AGG	14.4	8.7	4.5	0.02		0.4	
P. E. LT. STA. 139+22	12	12 - 28	AGG	11.1	6.7	3.5	0.01		0.3	
MBT RT. STA. 139+40	24	24 - 70	AGG / BIT		33.9	3.8	0.01		0.9	
P. E. LT. STA. 139+70	10	14 - 30	AGG	12.2	7.3	3.8	0.02		0.3	
P. E. W/ MBT RT. STA. 147+30	22	45 - 70	AGG / BIT		51.1	5.7	0.02		1.3	
P. E. RT. STA. 148+71	12	16 - 32	AGG	21.3		4.2	0.03		0.5	
P. E. RT. STA. 158+15	12	14 - 30	AGG	12.2	7.3	3.8	0.02		0.5	
P. E. LT. STA. 158+55	12	14 - 30	AGG	19.6		3.8	0.03		0.5	
P. E. RT. STA. 158+65	12	14 - 30	AGG	12.2	7.3	3.8	0.02		0.5	
F. E. RT. STA. 172+31	16	31 - 41	AGG / BIT		32.0	3.6	0.01		0.8	
SIDEROAD RT. STA. 177+58	24	70 - 99	OIL & CHIP	93.9		42.1	0.04	0.2	2.4	
C. E. RT. STA. 181+65	15	25 - 49	AGG / BIT		39.1	4.4	0.01		1.0	
C. E. RT. STA. 183+30	26	36 - 61	AGG / BIT		56.6	6.3	0.02		1.4	
P. E. LT. STA. 187+05	14	16 - 25	AGG	9.1	9.1	3.6	0.02		0.5	
SIDEROAD W/ MBT RT. STA. 187+69	24	55 - 106	AGG / BIT		89.4	10.0	0.03	0.2	2.2	
C. E. RT. STA. 200+80	34	49 - 94	CONC / BIT		79.4	8.9	0.03			
P. E. RT. STA. 215+45	14	20 - 43	AGG / BIT		28.0	3.1	0.01		0.7	
P. E. RT. STA. 225+73	16	32 - 52	AGG	46.7		9.1	0.07		1.2	
P. E. LT. STA. 225+80	20	16 - 39	AGG / BIT	15.3	9.2	4.8	0.02		0.6	
SIDEROAD LT. STA. 231+58	24	58 - 83	OIL & CHIP	86.2		38.6	0.12	0.2	2.2	
C. E. RT. STA. 246+25	16	25 - 45	AGG	38.9		17.4	0.06		1.0	
P. E. RT. STA. 261+90	14	24 - 54	AGG	34.7		6.8	0.05		0.9	
C. E. RT. STA. 262+65	32	47 - 77	AGG	68.9		30.9	0.10		1.7	
SIDEROAD W/ MBT RT. STA. 276+84	24	56 - 108	OIL & CHIP	91.1		40.8	0.13	0.2	2.3	
SIDEROAD LT. STA. 276+84	18	36 - 61	OIL & CHIP	53.9		24.1	0.08	0.1	1.4	
P. E. W/ MBT RT. STA. 288+50	12	28 - 70	AGG	43.6		8.5	0.06		1.1	
MBT RT. STA. 290+19	40	40 - 61	BIT		33.7	3.8	0.01			
P. E. LT. STA. 291+55	14	37 - 54	AGG / BIT	23.5	16.9	8.0	0.03		1.0	
MBT RT. STA. 304+45	25	25 - 72	BIT		37.7	4.2	0.01			
P. E. LT. STA. 304+65	18	34 - 45	AGG / BIT	21.9	13.2	6.9	0.03		0.9	
P. E. RT. STA. 312+71	12	24 - 40	OIL & CHIP	28.5		5.6	0.1	-	-	
P. E. RT. STA. 313+30	12	24 - 40	OIL & CHIP	28.5		5.6	0.1	-	-	
OLD US 24 (1300 E) LT. STA. 313+93.84	20	70 - 90	BIT		89	8.1	0.03	0.2	-	
P. E. W/ M. B. RT. STA. 316+05	16	30 - 64	AGG	41.8		8.2	0.06	-	4.0	
P. E. W/ M. B. RT. STA. 318+50	12	30 - 64	AGG	41.8		8.2	0.06	-	3.7	
P. E. W/ M. B. LT. STA. 318+75	25	40 - 74	AGG	50.8		10.0	0.10	-	5.8	
P. E. RT. STA. 344+30	16	16 - 32	AGG	21.3		4.2	0.03	-	2.8	
S. R. RT. STA. 379+04.28	25	110 - 130	BIT		133.3	12.1	0.06	0.3	-	
S. R. LT. STA. 379+04.28	29	105 - 125	BIT		127.9	11.7	0.06	0.3	-	
S. R. LT. STA. 390+50.64	22	35 - 55	OIL & CHIP	50		22.4	0.07	0.1	-	
S. R. RT. STA. 407+00	13	40 - 60	BIT		55.6	5.1	0.02	0.1	-	
P. E. LT. STA. 407+65	18	35 - 51	AGG	38.3		7.5	0.05	-	4.7	
JACKSON ST. LT. STA. 410+40	22	59 - 79	BIT		76.8	7	0.03	0.2	-	
OLD US 24 RT. STA. 412+40	22	119 - 139	BIT		143.3	13	0.06	0.3	-	
RIPLEY RT. STA. 414+25	22	70 - 90	BIT		89	8.1	0.03	0.2	-	
P. E. RT. STA. 418+60	14	14 - 30	AGG	19.6		3.9	0.03	-	2.5	
PPP SECTION ENDS AND 3R SECTION BEGINS AT STA. 420+00 STA. EQ. STA. 452+80.20 BK. = STA. 542+78.42 AH. 3R SECTION ENDS AND PPP SECTION BEGINS AT STA. 454+00										
S. R. LT. STA. 464+47.46	20	SEE PLANS	BIT	-	210	19.1	0.08	0.42	-	
IL 103										
F. E. LT. STA. 1+84	16	SEE PLANS	EARTH	-	-	-	-	-	24.4	
F. E. RT. STA. 2+40	16	SEE PLANS	EARTH	-	-	-	-	-	25.1	
				TOTAL	1472.2	2177.4	727.1	3.1	3.5	119.5
				USE	1472.5	2177.5	727.5	3.5	3.5	119.5

• 9RS-4, (10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwork\PWIDOT\LAUGHLINRL\dms20637\672432-ah-t-sch.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	**	196	19
PLOT SCALE = 90.0000' / IN.		CHECKED -	REVISED -		<b>CONTRACT NO. 72432</b>								
PLOT DATE = Mar-23-2010 01:59:24PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

**PAVEMENT SCHEDULE**

LOCATION STATION TO STATION	LENGTH (FT)	PROPOSED WIDTH (FT)	HOT-MIX ASPHALT SURF REM BUTT - JOINT (SQ YD)	HOT-MIX ASPHALT SURF REMOV (VAR. DEPTH) (SQ YD)	HOT-MIX ASPHALT SURF REMOV (2 1/4") (SQ YD)	1' -6" SAFETY SHLD HOT-MIX ASPHALT SHOULDERS (6") (SQ YD)	EXCAVATING & GRADING EXIST. SHOULDERS (UNIT)	LEVEL BINDER (MM) N50 (3/4") (TON)	HOT-MIX ASPHALT SURF CSE "C" N50 (1 1/2") (TON)	BIT MAT PRIME CT (TON)	AGG PRIME CT (TON)
FAP 317 (US 24)											
STA. 51+70.0 TO STA. 76+56.68	2,486.68	25.00	83.3	6824.1				286.0	580.3	2.6	13.6
STA. 76+56.6 TO STA. 81+68.70	512.02	22.00		1164.8				52.6	105.1	0.5	2.5
STA. 81+68.7 TO STA. 88+56.00	687.30	22.00			1853.0			70.6	141.1	0.6	3.4
STA. 88+56.0 TO STA. 97+30.50	874.50	25.00		2331.9				102.0	204.1	0.9	4.9
STA. EQ. STA. 97+30.50 (BK) = STA. 97+73.16 (AH)											
STA. 97+73.1 TO STA. 184+77.9	8,704.74	25.00		24179.8				1,015.6	2,031.1	9.2	48.4
STA. EQ. STA. 184+77.90 (BK) = STA. 184+92.93 (AH)											
STA. 184+92. TO STA. 309+15.0	12,422.07	25.00		34505.8				1,449.3	2,898.5	13.1	69.0
STA. 309+15. TO STA. 420+00.0	11,085.00	25.00		27096.7		3,695.0	221.7	1,293.4	2,586.5	11.7	61.6
OMISSION FOR BRIDGE REMOVAL & REPLACEMENT STA. 420+00.00 TO STA. 454+00.00											
STA. 454+00. TO STA. 459+53.0	553.00	22.00		1351.8		-	11.1	57.0	113.5	0.5	2.7
STA. 459+53. TO STA. 460+53.0	100.00	22.00	-	244.4		-	2.0	10.3	20.5	0.1	0.5
STA. 460+53. TO STA. 462+93.0	240.00	VAR. 22.00 TO 34.00	-	586.7		-		31.4	62.7	0.3	1.5
STA. 462+93. TO STA. 467+77.5	484.50	34.00	-	1184.3		-	7.4	77.0	153.7	0.7	3.7
STA. 467+77. TO STA. 469+30.0	152.50	VAR. 34.00 TO 22.00	73.3	299.4		-	2.8	20.0	40.0	0.2	1.0
FAP 612 (IL 103)											
QUANTITIES FROM STA. 0+00.00 TO STA. 0+26.70 ARE INCLUDED IN US 24											
Sta 0+26.70 TO STA. 1+24.00	97.30	VARIES	-			-	-	35.5	70.9	0.3	1.7
STA. 1+24.00 TO STA. 5+00.00	376.00	VAR. 32.00 TO 23.00	127.9	383.3		-	4.0	48.3	96.5	0.4	2.3
<b>TOTAL</b>			284.5	100,153.0	1,853.0	3,695.0	249.0	4,549	9,104.5	41.5	217

**TEMPORARY RAMPS**

LOCATION STATION TO STATION	DESCRIPTION	AREA (SQ YD)
US 24		
STA. 52+00	BUTT JOINT	14
US 24 469+00	BUTT JOINT	12.5
SIDE ROADS		
RT. STA. 76+31		33.5
LT. STA. 79+81		21.0
LT. STA. 89+13		13.0
RT. STA. 117+30		22.5
LT. STA. 117+30		22.5
RT. STA. 177+58		33.5
RT. STA. 187+69		28.0
LT. STA. 231+58		28.0
RT. STA. 276+84		28.0
LT. STA. 176+84		19.5
OLD US 24 LT. STA. 313+93.84		39.0
RT. STA. 379+04.28		56.0
LT. STA. 379+04.28		56.0
LT. STA. 390+50.64		19.5
RT. STA. 407+00		22.5
JACKSON ST. LT. STA. 410+40		33.0
OLD US 24 RT. STA. 412+40		56.0
RIPLEY RT. STA. 414+25		39.0
LT. STA. 464+47.46		50.0
IL 103 STA. 450+00		13.0
<b>TOTAL</b>		660

**THERMOPLASTIC PAVEMENT MARKING - LINE SCHEDULE**

STATION TO STATION	DESCRIPTION	LINE 5"		LINE 6" WHITE (FOOT)	LINE 8" WHITE (FOOT)	LINE 12"	
		WHITE (FOOT)	YELLOW (FOOT)			WHITE (FOOT)	YELLOW (FOOT)
<b>INTERSECTION US 24 &amp; IL 103</b>							
FAP 317 (US 24)							
LT. STA 459+53.00 TO LT. STA 463+84.00	LEFT EDGE LINE, SOLID	431.0	-	-	-	-	-
LT. STA 465+11.00 TO LT. STA 469+30.00	LEFT EDGE LINE, SOLID	419.0	-	-	-	-	-
RT. STA 459+53.00 TO RT. STA 465+55.00	RIGHT EDGE LINE, SOLID	602.0	-	-	-	-	-
RT. STA 465+55.00 TO RT. STA. 1+57.00 (IL 103)	RIGHT EDGE LINE, SOLID	231.0	-	-	-	-	-
LT. 1+05.00 (IL 103) TO RT. STA 468+15.00	RIGHT EDGE LINE, SOLID	132.0	-	-	-	-	-
RT. STA 468+15.00 TO RT. STA 469+30.00	RIGHT EDGE LINE, SOLID	115.0	-	-	-	-	-
RT. STA 462+93.00 TO RT. STA 465+81.00	TURN LANE LINE, SOLID	-	-	288.0	-	-	-
RT. STA 465+81.00 TO RT. STA 466+33.00	ISLAND EDGE LINE, SOLID	-	-	-	180	-	-
RT. STA 465+81.00 TO RT. STA 466+33.00	ISLAND DIAGONALS, SOLID	-	-	-	-	40	-
RT. STA 466+73.50 TO RT. STA 467+50.00	ISLAND EDGE LINE, SOLID	-	-	-	208	-	-
RT. STA 466+73.50 TO RT. STA 467+50.00	ISLAND DIAGONALS, SOLID	-	-	-	-	94	-
FAP 612 (IL 103)							
STA 0+49.00 TO STA 3+06.00	MEDIAN LINE, SOLID DOUBLE	-	1036.0	-	-	-	-
STA 0+49.00 TO STA 3+06.00	MEDIAN, DIAGONALS SOLID	-	-	-	-	-	41
LT. STA 1+05.00 TO LT. STA 5+00.00	LEFT EDGE LINE, SOLID	395.0	-	-	-	-	-
RT. STA 1+57.00 TO RT. STA 5+00.00	RIGHT EDGE LINE, SOLID	346.0	-	-	-	-	-
<b>SUB - TOTALS</b>		2671.0	1036.0			134.0	41.0
<b>TOTAL</b>			3707.0	288.0	388.0		175.0

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwwork\pwidot\LAUGHLINRL\dms20637\672432-ah-t-sch.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	20
<b>CONTRACT NO. 72432</b>				
ILLINOIS FED. AID PROJECT				

\* 9RS-4, (10,11)RS-3; (10B-1)R  
\*\* BROWN & SCHUYLER COUNTIES

BITUMINOUS SHOULDER SCHEDULE						
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	HOT-MIX ASPHALT REMOVAL (VAR. DEPTH) (SQ YD)	HOT-MIX ASPHALT REMOVAL (2 1/4") (SQ YD)	HOT-MIX ASPHALT SHOULDERS (2 1/4") (TON)	HOT-MIX ASPHALT SHOULDERS (8") (SQ YD)
FAP 317 (US 24)						
RT. STA. 76+56.68 TO RT. STA. 81+68.70	512.02	3.0	171		21.5	
LT. STA. 76+56.68 TO LT. STA. 81+68.70	512.02	3.0	171		21.5	
RT. STA. 81+68.70 TO RT. STA. 88+56.00	687.30	3.0		229	29.0	
LT. STA. 81+68.70 TO LT. STA. 88+56.00	687.30	3.0		229	29.0	
RT. STA. 454+00.00 TO RT. STA. 459+53.00	553.00	4.0				245.8
LT. STA. 454+00.00 TO LT. STA. 459+53.00	553.00	4.0				245.8
RT. STA. 459+53.00 TO RT. STA. 465+55.30	602.30	4.0				267.6
LT. STA. 459+53.00 TO LT. STA. 464+47.68	498.00	4.0				221.3
RT. STA. 468+14.70 TO RT. STA. 469+00.00	85.54	4.0				38.0
LT. STA. 464+47.64 TO LT. STA. 469+00.00	460.00	4.0				204.4
RT. STA. 469+00.00 TO RT. STA. 469+30.00	30.00	4.0 TO 1.0				8.3
LT. STA. 469+00.00 TO LT. STA. 469+30.00	30.00	4.0 TO 1.0				8.3
FAP 612 (IL 103)						
RT. STA. 1+57.35 TO RT. STA. 5+00.00	346.38	4.00				154
LT. STA. 1+05.10 TO LT. STA. 5+00.00	397.95	4.00				177
TOTAL			342	458	101	1570.5

AGGREGATE SHOULDER SCHEDULE					
LOCATION STATION TO STATION	LENGTH (FT)	AGGREGATE SHOULDERS, WIDTH (FT)	AGGREGATE SHOULDERS, TYPE B (WEDGE) (TON)	AGGREGATE SHOULDERS, TYPE B (FULL 6") (SQ YD)	
FAP 317 (US 24)					
RT. & LT. STA. 52+00.00 TO RT. & LT. STA. 81+68.70	2,968.70	3	338	-	
RT. & LT. STA. 81+68.70 TO RT. & LT. STA. 88+56.00	687.30	-	-	-	
RT. & LT. STA. 88+56.00 TO RT. & LT. STA. 97+30.50	874.50	3	100	-	
STA. EQ. STA. 97+30.50 (BK) = STA. 97+73.16 (AH)					
RT. & LT. STA. 97+73.16 TO RT. & LT. STA. 184+77.90	8,704.74	3	992	-	
STA. EQ. STA. 184+77.90 (BK) = STA. 184+92.93 (AH)					
RT. & LT. STA. 184+92.93 TO RT. & LT. STA. 309+15.00	12,422.07	3	1415	-	
STA 309+15.00 TO STA. 420+00.00	11,085.00	3	1262	-	
OMISSION FOR BRIDGE REMOVAL & REPLACEMENT STA. 420+00.00 TO STA. 454+00.00					
STA. 454+00.00 TO STA. 459+53.00	553.00	3	63.0	-	
RT. STA. 459+53.00 TO RT. STA. 461+12.90	159.90	4 & VARS.	-	70.6	
LT. STA. 459+53.00 TO LT. STA. 463+97.10	444.10	4 & VARS.	-	197.4	
LT. STA. 464+96.57 TO LT. STA. 469+30.00	433.43	4 & VARS.	-	192.6	
RT. STA. 469+00.00 TO RT. STA. 469+30.00	30.00	VARS.	-	13.3	
FAP 612 (IL 103)					
RT. STA. 1+57.77 TO RT. STA. 5+00.00	342.23	4 & VARS.	-	156.6	
LT. STA. 1+05.42 TO LT. STA. 5+00.00	394.58	4 & VARS.	-	175.5	
(AREA FLOODED FROM CADD)					
TOTAL			4170.0	806.0	

PAVEMENT REMOVAL SCHEDULE			
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	PAVEMENT REMOVAL (SQ YD)
FAP 317 (US 24)			
STA. 462+93.00 TO STA. 466+55.00	362.00	VARIES	327.0
TOTAL			327.0

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwork\pwork\IDOT\LAUGHLINRL\dms20637\672432-ah-sch.dgn		DRAWN -	REVISED -
PLOT SCALE = 56.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-26-2010 12:54:46PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	21
CONTRACT NO. 72432				
ILLINOIS FED. AID PROJECT				

• 9RS-4, (10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

**HOT-MIX ASPHALT BASE COURSE 11 1/4" SCHEDULE**

LOCATION STATION TO STATION	LENGTH (FT)	PROPOSED WIDTH (FT)	HOT-MIX ASPHALT BASE COURSE 11 1/4" (SQ YD)
FAP 317 (US 24)			
STA. 460+53.00 TO STA. 461+73.00	120.00	VAR. 0.0 TO 6.0	40.0
STA. 461+73.00 TO STA. 462+93.00	120.00	VAR. 6.0 TO 12.0	120.0
STA. 462+93.00 TO STA. 465+33.10	240.10	12.00	320.1
STA. 465+33.10 TO STA. 1+47 (IL 103)		VARIES	445.6
STA. 468+12.30 TO STA. 469+00.00	87.70	VAR. 0.0 TO 6.0	20.0
FAP 612 (IL 103)			
STA. 0+11.00 TO STA. 1+00.00	89.00	VARIES	325.2
STA. 1+00.00 TO STA. 1+24.00	24.00	VAR. 0 TO 6.0	5.5
STA. 1+47.00 TO STA. 3+06.00	159.00	VAR. 0 TO 6.0	52.6
TOTAL			1,329.0

AGGREGATE DITCH CHECKS		
LOCATION	TON	
FAP 612 (IL 103)		
STA. 2+50.0 LT.	6.0	
STA. 4+75.0 LT.	6.0	
STA. 4+75.0 RT.	6.0	
TOTAL		18.0

**MEDIAN, CONCRETE CURB, AND GUTTER SCHEDULE**

LOCATION STATION TO STATION	COMBINATION CURB AND GUTTE REMOVAL (FOOT)	COMB CC&G T B 6.24 (FOOT)	CONCRETE MEDIAN TYPE SM 4.24 (SQ FT)	COMB CC&G T M 4.06 (FOOT)	
FAP 612 (IL 103)					
RT. STA. 0+18.00 TO RT. STA. 1+57.35	170.4	208.0			
LT. STA. 0+11.00 TO LT. STA. 1+05.10	65.6	127.0			
RT. STA. 0+5.85 TO RT. STA. 0+21.62			92.0	50.0	
LT. STA. 0+32.38 TO LT. STA. 0+48.74			73.0	39.0	
TOTAL		236.0	335.0	165.0	89.0

**PERIMETER EROSION BARRIER**

LOCATION STATION TO STATION	LENGTH (FT)	
FAP 317 (US 24)		
RT. STA. 459+53.00 TO RT. STA. 466+00.00	647.0	
RT. STA. 467+35.33 TO RT. STA. 468+50.00	115	
FAP 612 (IL 103)		
RT. STA. 0+21.73 TO RT. STA. 2+00.00	179.0	
LT. STA. 1+00.00 TO LT. STA. 1+72.49	72	
TOTAL		1,014.00

**GUARDRAIL SCHEDULE**

LOCATION STATION TO STATION	LENGTH (FT)	GUARDRAIL REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 1 SPL (TANGENT) (EACH)	GUARDRAIL MKR TYPE A (EACH)	TERMINAL MARKER DA (EACH)
FAP 317 (US 24)						
RT. STA. 322+42.00 TO STA. 326+40.00	398.00	398.00				
LT. STA. 323+20.00 TO STA. 326+68.00	348.00	348.00				
RT. STA. 322+41.00 TO STA. 326+41.00	400.00		300.00	2.00	2.00	2.00
LT. STA. 323+19.50 TO STA. 326+69.50	350.00		250.00	2.00	2.00	2.00
TOTAL		746.0	550.0	4.0	4.0	4.0

• 9RS-4, (10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

EARTH WORK SCHEDULE				
LOCATION				
STATION	TO	STATION	EARTH EXCAVATION (CU YD)	EARTH EXC ADJUSTED FOR SHRINKAGE (CU YD)
FAP 317 (US 24)				
RT. STA. 459+53.00	TO	RT. STA. 466+75.00	271.0	203.0
RT. STA. 467+35.33	TO	RT. STA. 469+30.00	87.0	65.0
FAP 612 (IL 103)				
RT. STA. 0+50.00	TO	RT. STA. 5+50.00	102.0	76.5
LT. STA. 0+50.00	TO	LT. STA. 5+50.00	146.0	109.5
TOTAL			606.0	454.0
				1,659.0
				-1,205.0

ASSUMED 25% SHRINKAGE

TRENCH BACKFILL				
STATION TO STATION				QUANTITY
				CU YD.
STA. 0+88.44	TO	STA. 0+93+66	RT	1.5
STA. 0+95.37	TO	STA. 1+02.60	LT	2.5
STA. 1+64.92	TO	STA. 2+03.55	LT	11
TOTAL				15

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE - SCHEDULE					
STATION TO STATION		DESCRIPTION	LINE 5" WHITE (FT)	LINE 6" WHITE (FT)	LINE 24" WHITE (FT)
INTERSECTION US 24 & IL 103					
FAP 317 (US 24)					
RT. STA 460+53.00	TO	RT. STA 462+93.00		60.0	-
STA 459+53.00	TO	STA 469+30.00	245.0	-	-
FAP 612 (IL 103)					
LT. STA 0+50.00		STOP BAR, SOLID	-	-	11.0
LT. STA 0+59.00		RIGHT TURN LANE STOP BAR, SOLID	-	-	18.0
STA 3+06.00	TO	STA 5+00.00	49.0	-	-
TOTAL			294.0	60.0	29.0

CLASS 2 SEEDING SCHEDULE							
LOCATION	LENGTH (FT)	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER (POUND)	PHOSPHORUS FERTILIZER (POUND)	POTASSIUM FERTILIZER (POUND)	AGG. GROUND LIMESTONE (TON)	MULCH METHOD 2 (TON)
FAP 317 (US 24)							
RT. STA 459+53	TO STA. 0+50 (IL 103)	686.0	0.50	45.00	45.00	45.00	1.00
STA. 1+00 (IL 103)	TO RT. STA. 469+00	188.0	0.07	6.30	6.30	6.30	0.14
LT. STA. 463+50	TO STA. 464+29	79.0	0.03	2.70	2.70	2.70	0.06
FAP 612 (IL 103)							
RT & LT STA. 0+50	TO 5+00	450.0	0.4	36	36	36	0.8
TOTAL		1	90	90	90	2	2

• 9RS-4, (10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PWIDOT\LAUGHLINRL\dms20637\672432-ah-t-sch.dgn		DRAWN -	REVISED -		317	.	**	196	23				
PLOT SCALE = 56.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72432								
PLOT DATE = Mar-23-2010 01:59:33PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

**PAINT PAVEMENT MARKING LINE - 5" SCHEDULE**

STATION TO STATION	DESCRIPTION	LINE 5"	
		WHITE (FT)	YELLOW (FT)
FAP 317 (US 24)			
LT. STA 51+65.00 TO LT. STA 61+81.28	LEFT EDGE LINE, SOLID	968	-
STA. 51+65.00 TO STA. 61+81.28	CENTER LINE, SKIP - DASH	-	254
RT. STA 51+65.00 TO RT. STA 61+81.28	RIGHT EDGE LINE, SOLID	904	-
LT. STA 61+81.28 TO LT. STA 68+72.96	LEFT EDGE LINE, SOLID	692	-
STA 61+81.28 TO STA 68+72.96	CENTER LINE LEFT, SKIP - DASH CENTER LINE SOLID	- -	173 692
RT. STA 61+81.28 TO RT. STA 68+72.96	RIGHT EDGE LINE, SOLID	632	-
LT. STA 68+72.96 TO LT. STA 283+94.24	LEFT EDGE LINE, SOLID	20988	-
STA. 68+72.96 TO STA. 283+94.24	CENTER LINE, SKIP - DASH	-	5380
RT. STA 68+72.96 TO RT. STA 283+94.24	RIGHT EDGE LINE, SOLID	20724	-
LT. STA 283+94.24 TO LT. STA 292+12.64	LEFT EDGE LINE, SOLID	768	-
STA 283+94.24 TO STA 292+12.64	CENTER LINE LEFT, SKIP - DASH CENTER LINE SOLID	- -	205 818
RT. STA 283+94.24 TO RT. STA 292+12.64	RIGHT EDGE LINE, SOLID	774	-
LT. STA 292+12.64 TO LT. STA 294+50.24	LEFT EDGE LINE, SOLID	238	-
STA 292+12.64 TO STA 294+50.24	CENTER LINE, SKIP - DASH	-	60
RT. STA 292+12.64 TO RT. STA 294+50.24	RIGHT EDGE LINE, SOLID	238	-
LT. STA 294+50.24 TO LT. STA 301+41.92	LEFT EDGE LINE, SOLID	692	-
STA 294+50.24 TO STA 301+41.92	CENTER LINE LEFT, SKIP - DASH CENTER LINE SOLID	- -	173 692
RT. STA 294+50.24 TO RT. STA 301+41.92	RIGHT EDGE LINE, SOLID	692	-
LT. STA 301+41.92 TO LT. STA 309+42.00	LEFT EDGE LINE, SOLID	740	-
STA. 301+41.92 TO STA. 309+42.00	CENTER LINE, SKIP - DASH	-	200
RT. STA 301+41.92 TO RT. STA 309+42.00	RIGHT EDGE LINE, SOLID	800	-
LT. STA 309+42.00 TO LT. STA 393+72.00	LEFT EDGE LINE, SOLID	8160	-
STA. 309+42.00 TO STA. 393+72.00	CENTER LINE, SKIP - DASH	-	2108
RT. STA 309+42.00 TO RT. STA 393+72.00	RIGHT EDGE LINE, SOLID	8300	-
LT. STA 393+72.00 TO LT. STA 402+55.00	LEFT EDGE LINE, SOLID	883	-
STA 393+72.00 TO STA 402+55.00	CENTER LINE LEFT, SKIP - DASH CENTER LINE RIGHT, SOLID	- -	221 883
RT. STA 393+72.00 TO RT. STA 402+55.00	RIGHT EDGE LINE, SOLID	883	-
LT. STA 402+55.00 TO LT. STA 415+75.00	LEFT EDGE LINE, SOLID	1241	-
STA. 402+55.00 TO STA. 415+75.00	DOUBLE CENTER LINE, SOLID	-	2640
RT. STA 402+55.00 TO RT. STA 415+75.00	RIGHT EDGE LINE, SOLID	1091	-
LT. STA 415+75.00 TO LT. STA 420+00.00	LEFT EDGE LINE, SOLID	425	-
STA 415+75.00 TO STA 420+00.00	CENTER LINE, SKIP - DASH	-	107
RT. STA 415+75.00 TO RT. STA 420+00.00	RIGHT EDGE LINE, SOLID	425	-
OMISSION BRIDGE REMOVAL & REPLACEMENT STA. 420+00.00 TO STA. 454+00.00			
LT. STA 454+00.00 TO LT. STA 459+53.00	LEFT EDGE LINE, SOLID	553	-
STA 454+00.00 TO STA 459+53.00	CENTER LINE, SKIP - DASH	-	139
RT. STA 454+00.00 TO RT. STA 459+53.00	RIGHT EDGE LINE, SOLID	553	-
SUB - TOTALS		72364	14745
TOTAL		87109	

**SUB-BASE GRANULAR MATERIAL, TYPE A 8" SCHEDULE**

LOCATION STATION TO STATION	LENGTH (FT)	PROPOSED WIDTH (FT)	SUB-BASE GRAN MAT TYPE A 8" (SQ YD)
FAP 317 (US 24)			
STA. 460+53.00 TO STA. 462+93.00	240.00	VAR. 1.0 TO 13.0	186.7
STA. 462+93.00 TO STA. 465+33.00	240.00	13.00	346.7
STA. 465+33.00 TO STA. 4+00 (IL 103)		VARIES	625.5
FAP 612 (IL 103)			
STA. 0+11.00 TO STA. 1+24.00		VARIES	422.1
TOTAL			1,581.0

**PREFORMED PLASTIC PAVEMENT MARKING, TYPE B  
INLAID - LETTERS AND SYMBOLS SCHEDULE**

STATION TO STATION	DESCRIPTION	WHITE (SQ FT)
INTERSECTION US 24 & IL 103		
US 24		
RT. STA 462+93.00	RIGHT TURN ARROW	15.6
RT. STA 463+88.00	RIGHT TURN ARROW	15.6
RT. STA 464+83.00	RIGHT TURN ARROW	15.6
RT. STA 465+78.00	RIGHT TURN ARROW	15.6
		63

**RAISED REFLECTIVE PAVEMENT  
MARKER REMOVAL SCHEDULE**

STATION TO STATION	QUANTITY (EACH)
US 24	
STA. 51+70.00 TO STA. 309+15.00	322
STA. 309+15.00 TO STA. 420+00.00	139
OMISSION BRIDGE REMOVAL & REPLACEMENT STA. 420+00.00 TO STA. 454+00.00	
STA. 454+00.00 TO STA. 459+53.00	8
STA. 459+53.00 TO STA. 469+30.00	22
IL 103	
STA. 0+00 TO STA. 5+00.00	8
TOTAL	
	499

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwidot\LAUGHLINRL\dms20637\672432-ah-t-sch.dgn		DRAWN -	REVISED -
PLOT SCALE = 56.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-23-2010 01:59:35PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	24
CONTRACT NO. 72432				
ILLINOIS FED. AID PROJECT				

\* 9RS-4, (10,11)RS-3; (10B-1)R  
\*\* BROWN & SCHUYLER COUNTIES



SHORT-TERM PAVEMENT MARKING &  
WORK ZONE PAVEMENT MAKING REMOVAL SCHEDULE

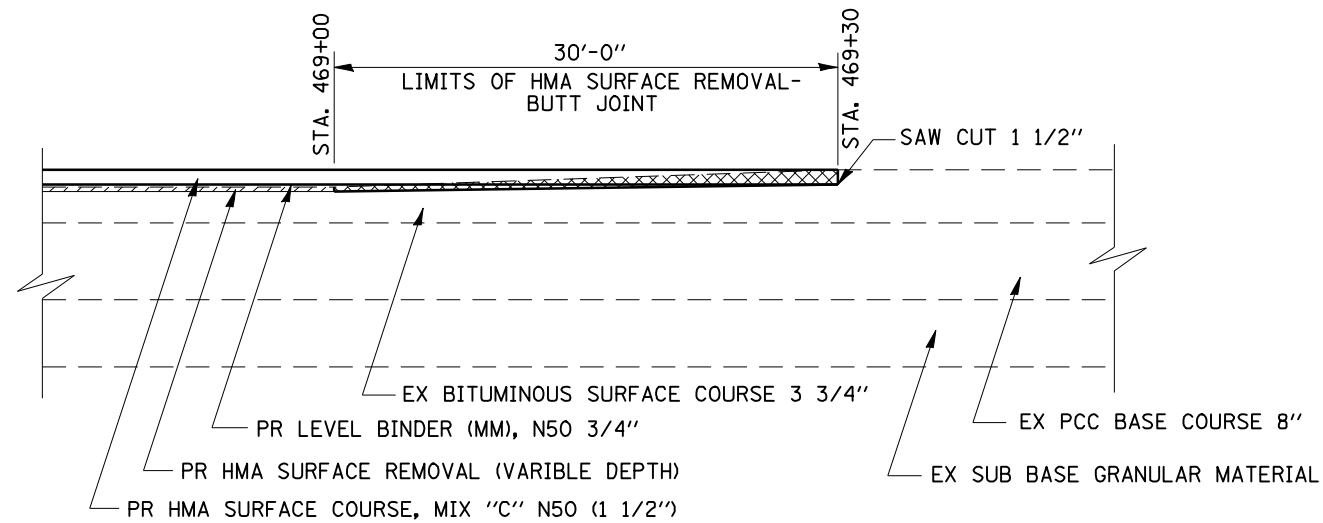
STATION TO STATION	LOCATION	DESCRIPTION	LENGTH (FT)	QUANTITY			
				SHORT-TERM		WORK ZONE	
				WHITE (FT)	YELLOW (FT)	(SQ FT)	
US 24							
STA. 51+70.0 TO STA. 309+15.0	CENTER LINE	SKIP - DASH	25745.0	-	7724	858.1	
STA. 309+15.0 TO STA. 420+00.0	CENTER LINE	SKIP - DASH	11085.0	-	3318	369.0	
OMISSION BRIDGE REMOVAL & REPLACEMENT STA. 420+00.00 TO STA. 454+00.00							
STA. 454+00.0 TO STA. 459+53.0	CENTER LINE	SKIP - DASH	553.0	-	166	19.0	
STA. 459+53.0 TO STA. 469+30.0	CENTER LINE	SKIP - DASH	977.0	-	293	32.5	
STA. 462+93.0 TO STA. 466+33.0	LANE LINE (RT.)	SKIP - DASH	340.0	102	-	11.0	
STA. 466+73.0 TO STA. 467+50.0	ISLAND EDGE LINE (RT.)	SKIP - DASH	77.0	23	-	2.5	
IL 103							
STA. 0+00.0 TO STA. 5+00.0	CENTER LINE	SKIP - DASH	500.0	-	150	17.0	
STA. 465+81 (US 24) TO STA. 0+42	ISLAND EDGE LINE (LT.)	SKIP - DASH	100.0	30	-	3.5	
STA. 0 +78 TO STA. 467+50 (US 24)	ISLAND EDGE LINE (LT.)	SKIP - DASH	100.0	30	-	3.5	
				SUB - TOTAL			
				TOTAL		11836	1316

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

STATION TO STATION	DESCRIPTION	LENGTH (FT)	SPACING	TWO-WAY AMBER (EACH)	ONE-WAY AMBER (EACH)	ONE-WAY CRYSTAL (EACH)	
US 24							
STA. 51+70.00 TO STA. 309+15.00	CENTER LINE SKIP - DASH	25745.0	1 @ 80'	322	-	-	
STA. 309+15.00 TO STA. 420+00.00	CENTER LINE SKIP - DASH	11085.0	1 @ 80'	139	-	-	
OMISSION BRIDGE REMOVAL & REPLACEMENT STA. 420+00.00 TO STA. 454+00.00							
STA. 454+00.00 TO STA. 459+53.00	CENTER LINE SKIP - DASH	553.0	1 @ 80'	8	-	-	
STA. 459+53.00 TO STA. 469+30.00	CENTER LINE SKIP - DASH	977.0	1 @ 80'	13	-	-	
RT. STA 462+93.00 TO RT. STA 466+33.00	TURN LANE LINE, SOLID	340.0	1 @ 40'	-	-	9	
RT. STA 465+81.00 TO RT. STA 466+33.00	ISLAND EDGE LINE, SOLID	52.0	1 @ 40'	-	4	-	
RT. STA 466+73.50 TO RT. STA 467+50.00	ISLAND EDGE LINE, SOLID	76.5	1 @ 40'	-	6	-	
IL 103							
STA. 0+50.00 TO STA. 3+06.00	MEDIAN LINE, SOLID DOUBLE	256.0	2 @ 40'	-	14	-	
STA. 3+06.00 TO STA. 5+00.00	CENTER LINE, SOLID	194.0	1 @ 80'	-	3	-	
				TOTAL	482	27	9
				TOTAL			
				518			

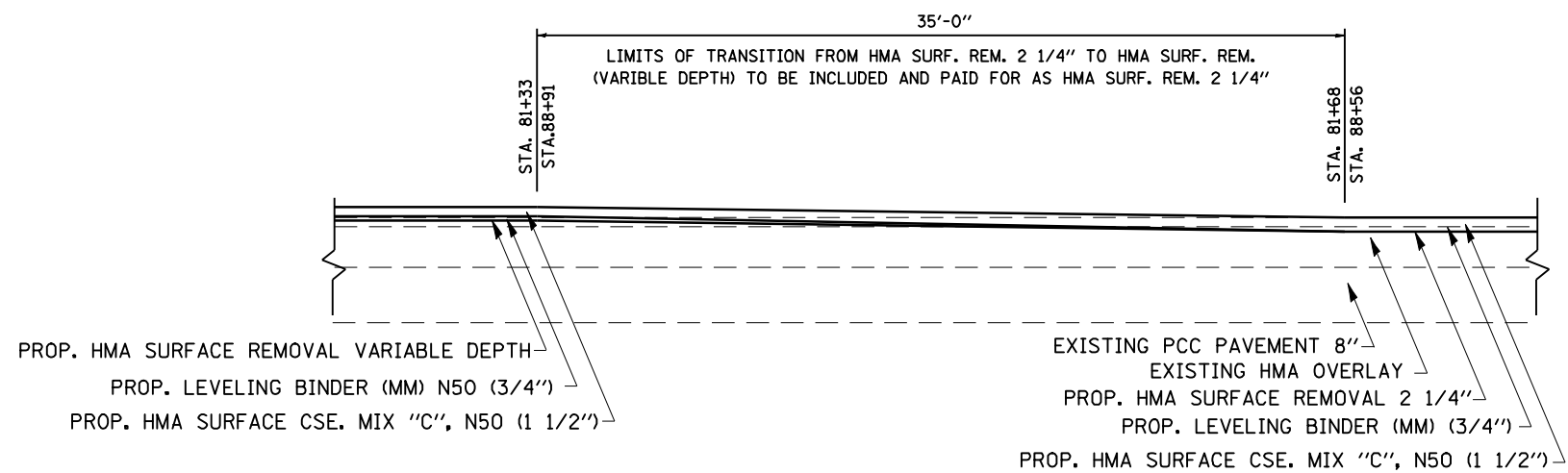
• 9RS-4, (10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\dms20637\0672432-ah-t-sch.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	•	196	25
	PLOT SCALE = 56.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72432								
	PLOT DATE = Mar-23-2010 01:59:37PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



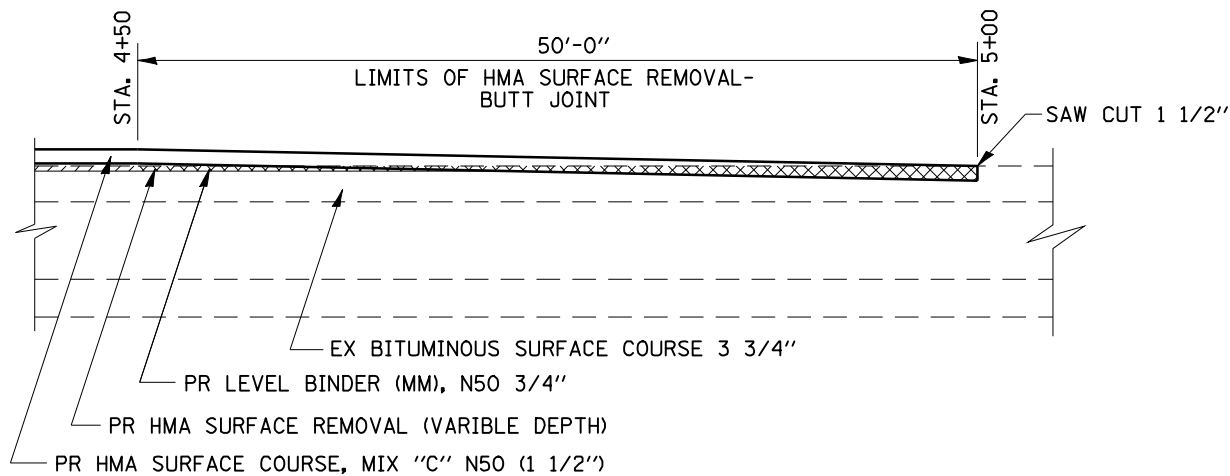
### BUTT JOINT DETAIL

US 24  
STA. 469+00 TO STA. 469+30



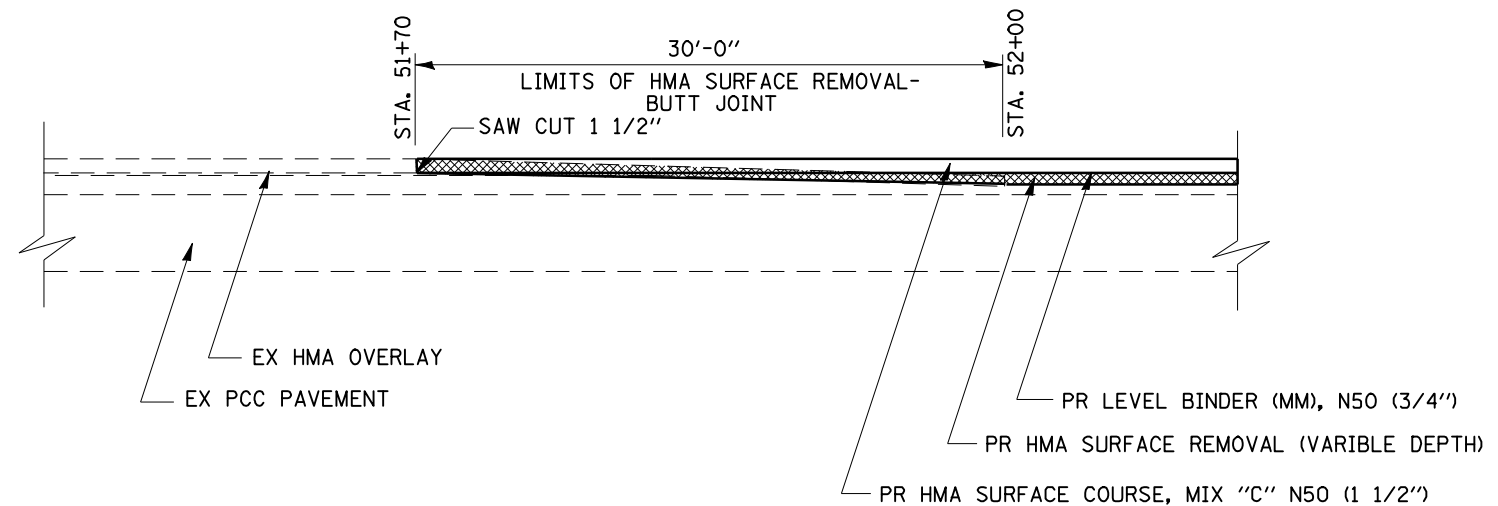
### MILLING TRANSITION DETAIL

STA. 81+33 TO STA. 81+68  
STA. 88+56 TO STA. 88+91



### BUTT JOINT DETAIL

IL 103  
STA. 4+50 TO STA. 5+00



### BUTT JOINT DETAIL

US 24  
STA. 51+70 TO STA. 52+00

• 9RS-4,(10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

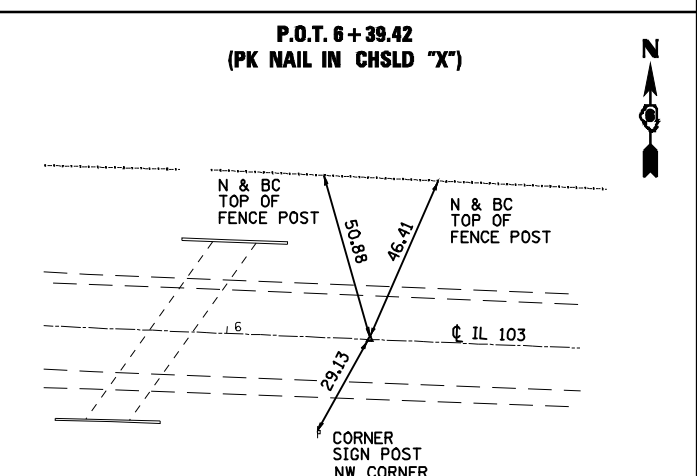
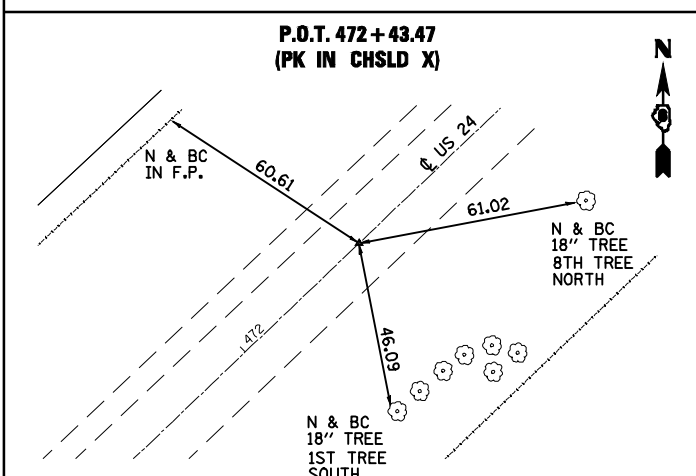
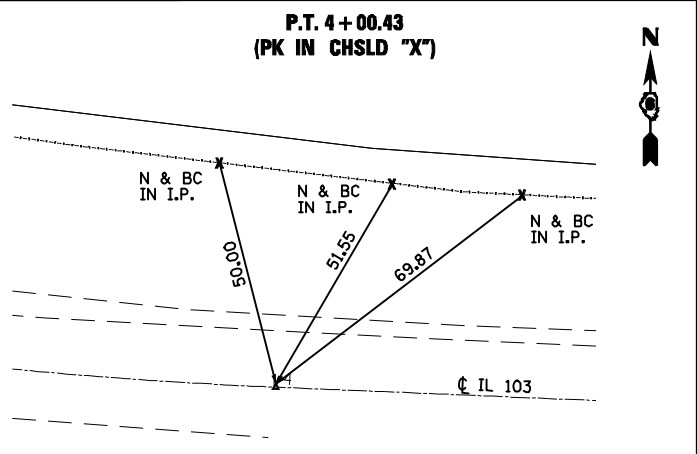
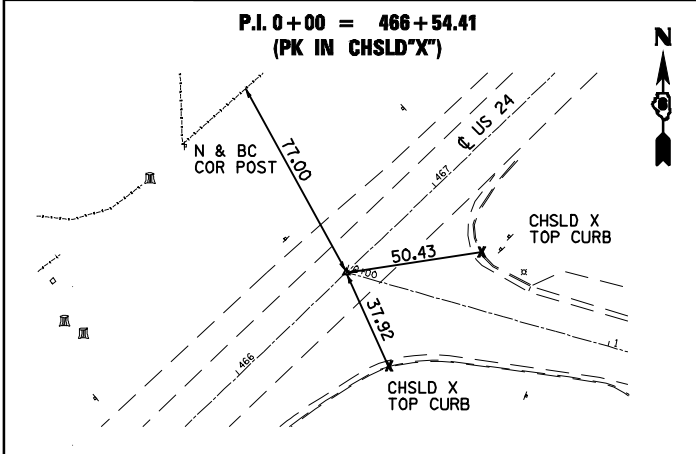
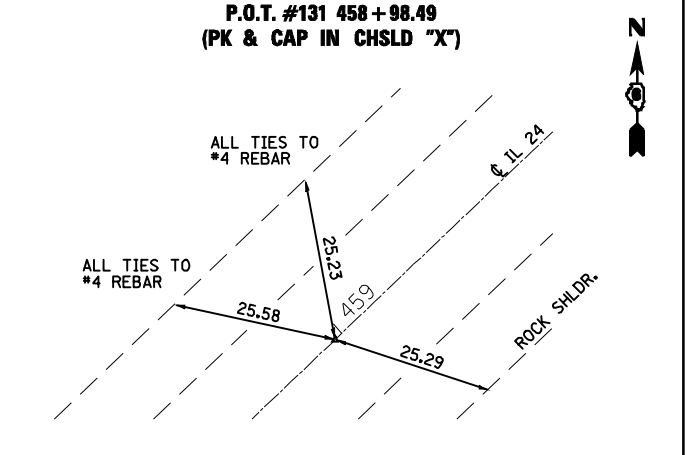
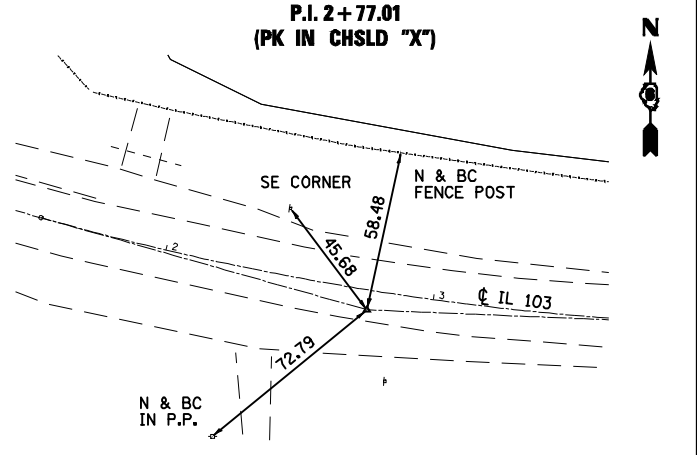
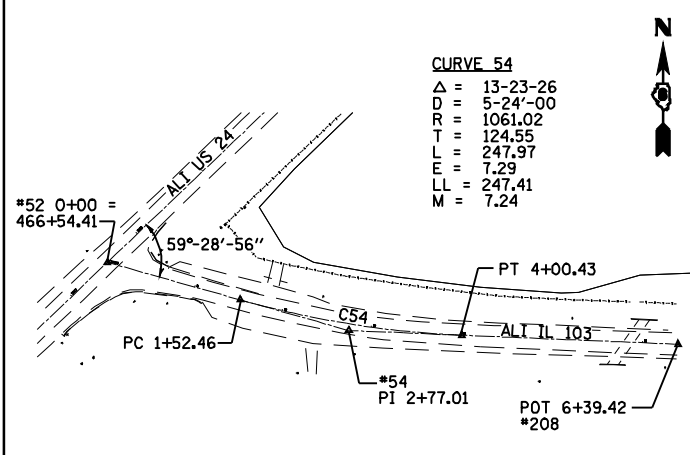
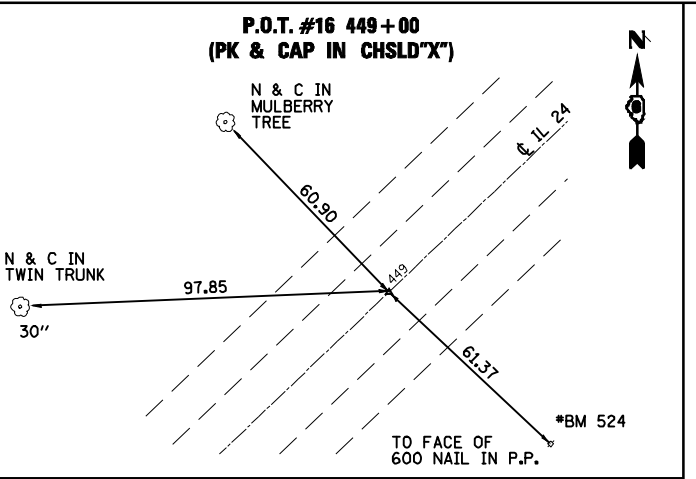
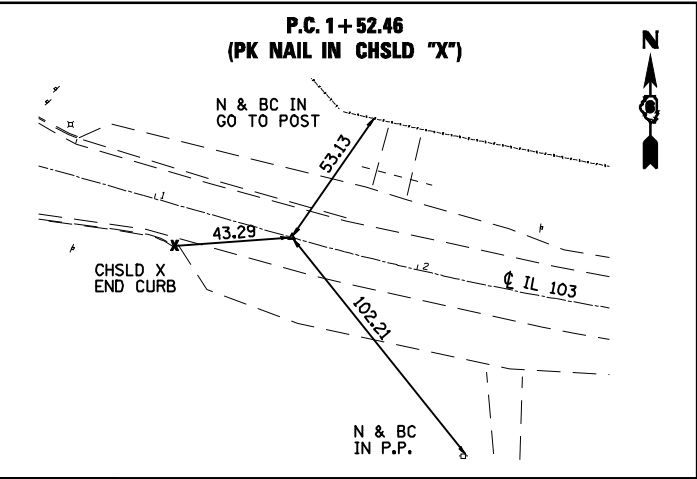
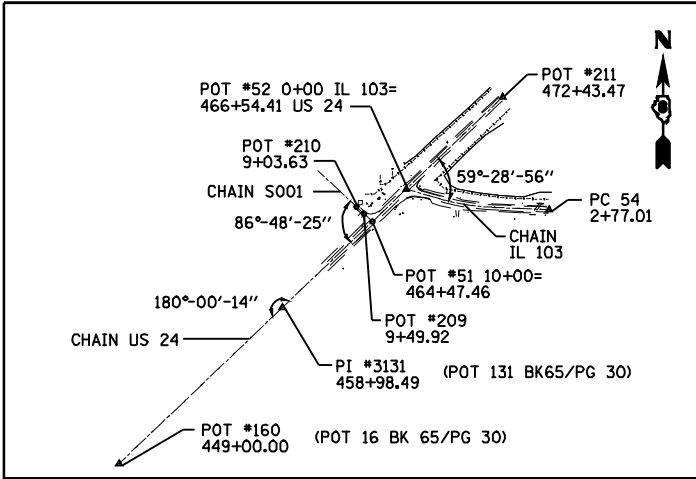
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwork\PWIDOT\LAUGHLINRL\dms20637\672432-shd-detail.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT-JOINT DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	••	196	26
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 9RS-4,(10,11)RS-3; (10B-1)R ** BROWN & SCHUYLER COUNTIES				



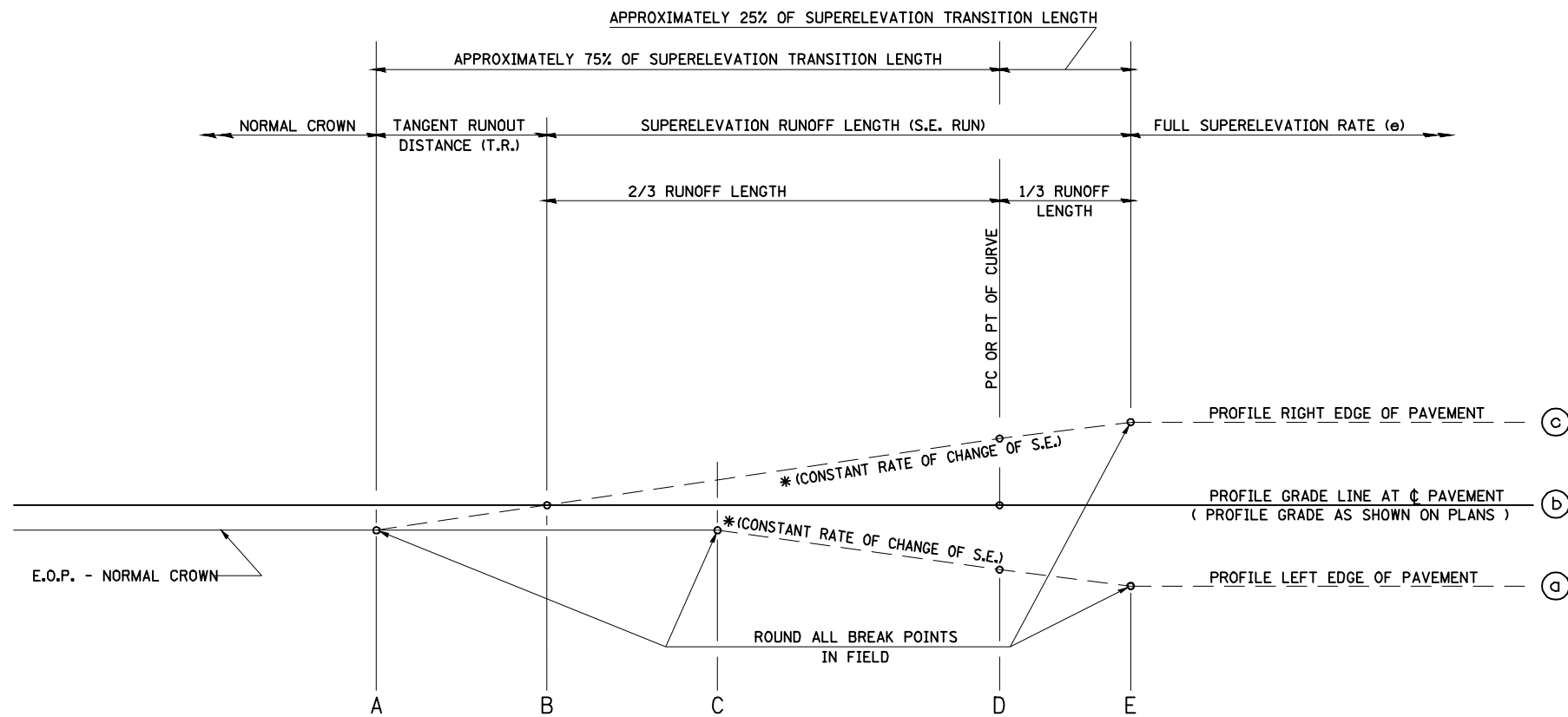
BENCHMARKS

- BM#100 = CHSLD SQUARE IN SE CORNER OF S HDWL FOR 36" CMP OVER F.E. @ STA. 414+99.80; 20' LT. ELEV. 464.21
- BM#101 = CHSLD SQUARE IN S.W. W.W. OF BRIDGE #085-0024 @ STA. 409+50 ELEV. 462.87
- BM#102 = SPIKE NAIL IN P.P. @ STA. 405+62.30; 33.5 RT. ELEV. 457.23
- BM#200 = SET 60D SPIKE NAIL IN LIGHT POLE ON THE EAST SIDE OF US 24 @ INTERSECTION OF US 24 AND IL 103. NAVD 88 = 462.059
- BM#201 = SET CHSLD SQUARE IN CENTER OF EAST H.W. OF DIRT F.E. @ 0.2 MILE FROM US 24 & IL 103 INTERSECTION. NAVD 88 = 460.649
- BM#202 = FOUND CHSLD SQUARE IN SOUTH END OF WEST H.W. OF A DIRT F.E. @ 0.50 MILE FROM US 24 AND IL 103 INTERSECTION. NAVD 88 = 464.409
- BM#203 = SET CHSLD SQUARE IN EAST END OF SOUTH H.W. OF BOX CULVERT #085+2010 @ 0.65 MILE FROM US 24 AND IL 103 INTERSECTION. NAVD 88 = 454.374

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BENCHMARKS & CROSS TIES**  
 FAP ROUTE 317 (US 24)  
 SECT. 9RS-4,(10,11)RS-3;(10B-1)R  
 BROWN & SCHUYLER COUNTIES

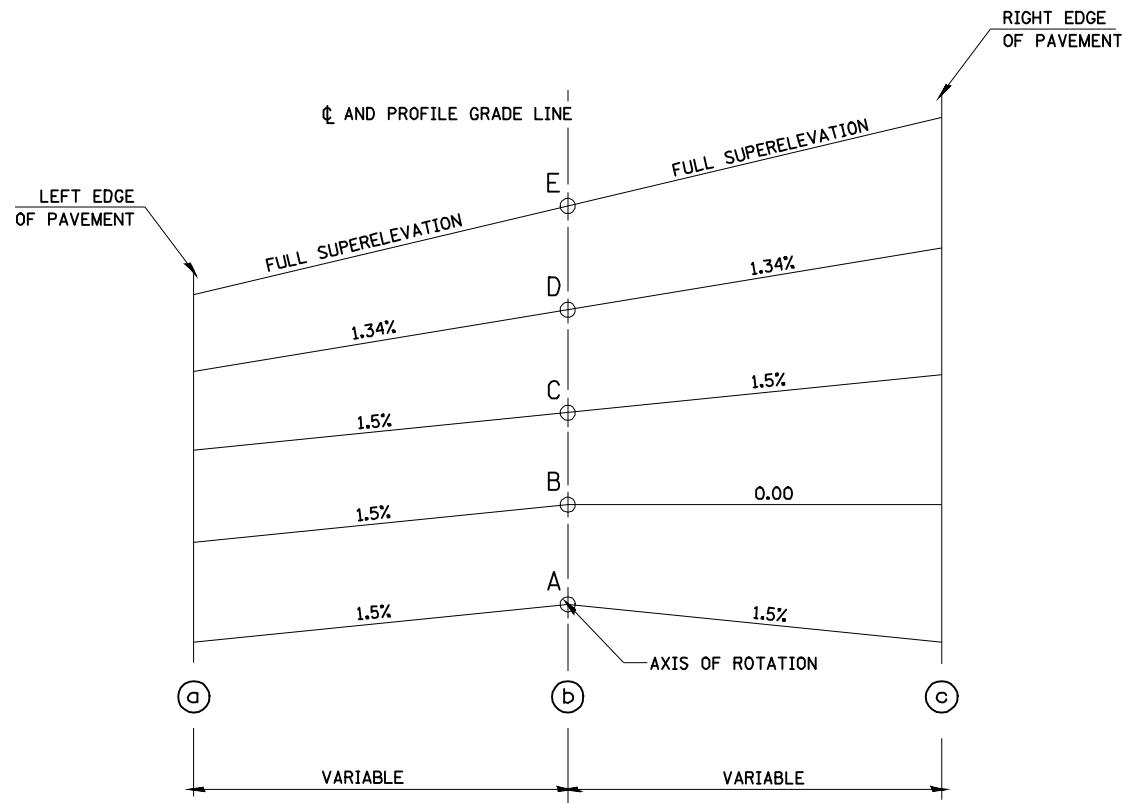
SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_



TYPICAL PROFILE - S.E. TRANSITION

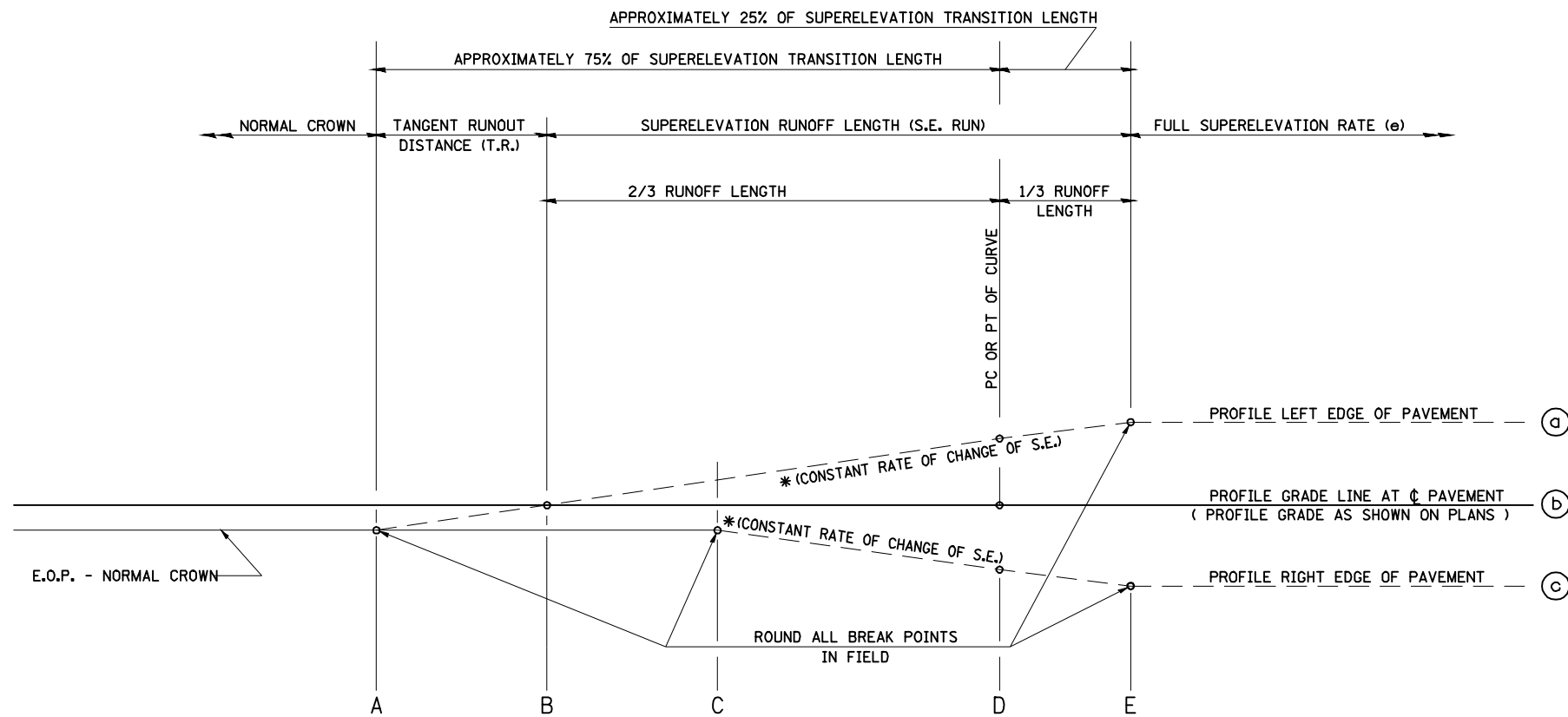
US 24

EXIST. CURVE 326  
 PI STA. = 89+51.99  
 $\Delta = 9^\circ 19' 54''$  (LT)  
 $D = 0^\circ 47' 39''$   
 $R = 7,215.57'$   
 $T = 588.90'$   
 $L = 1,175.20'$   
 $E = 23.99'$   
 $e = 2.0\%$   
 $T.R. = 35'$   
 $S.E. RUN = 47'$   
 $P.C. STA. = 83+63.09$   
 $P.T. STA. = 95+38.29$



CURVE NO.	e	A	B	C	D	E	TRANSITION
326	2.0%	82+96.62	83+31.82	83+67.02	83+63.09	83+78.72	TRANS. IN
		96+04.76	95+69.56	95+34.36	95+38.29	95+22.66	TRANS. OUT

• 9RS-4, (10,11)RS-3, (10B-1)R  
 \*\* BROWN, SCHUYLER



TYPICAL PROFILE - S.E. TRANSITION

US 24

EXIST. CURVE 316  
 PI STA. = 178+21.04  
 $\Delta = 26^\circ 41' 29''$  (LT)  
 D = 1° 59' 39"  
 R = 2,873.14'  
 T = 681.60'  
 L = 1,338.46'  
 E = 79.74'  
 e = 4.5%  
 T.R. = 35.0'  
 S.E. RUN = 106.0'  
 P.C. STA. = 171+39.44  
 P.T. STA. = 184+77.90

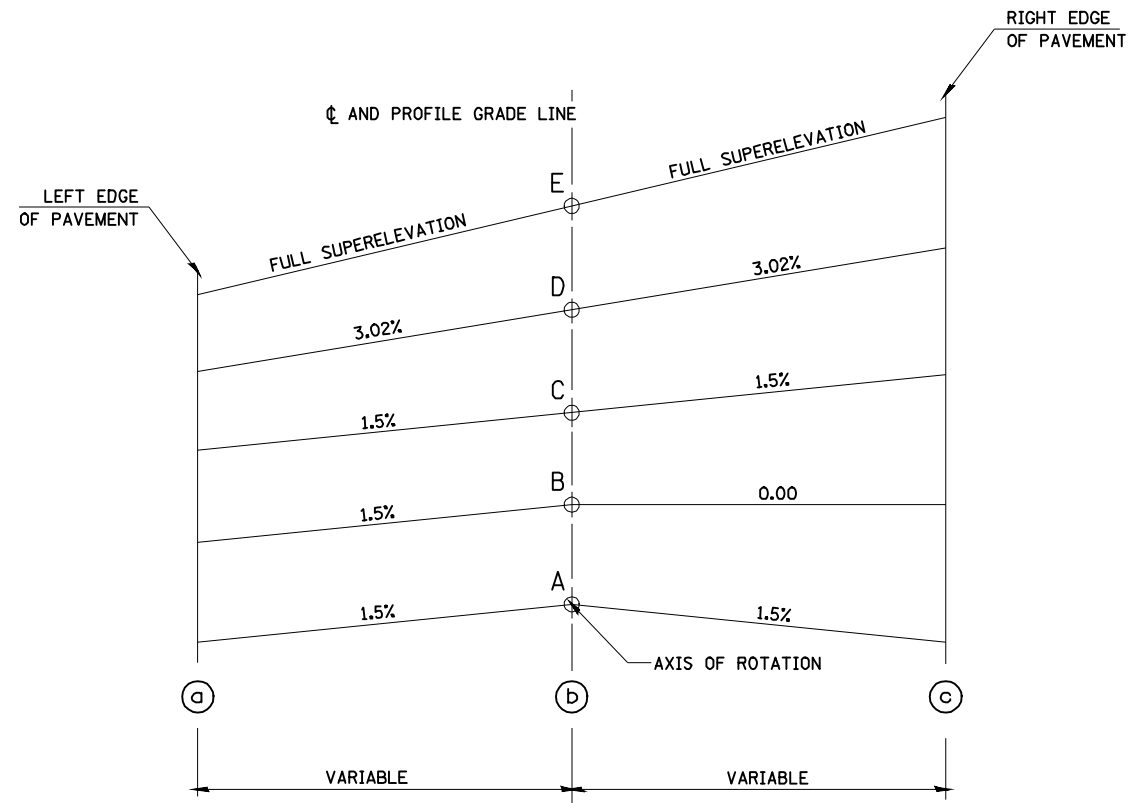
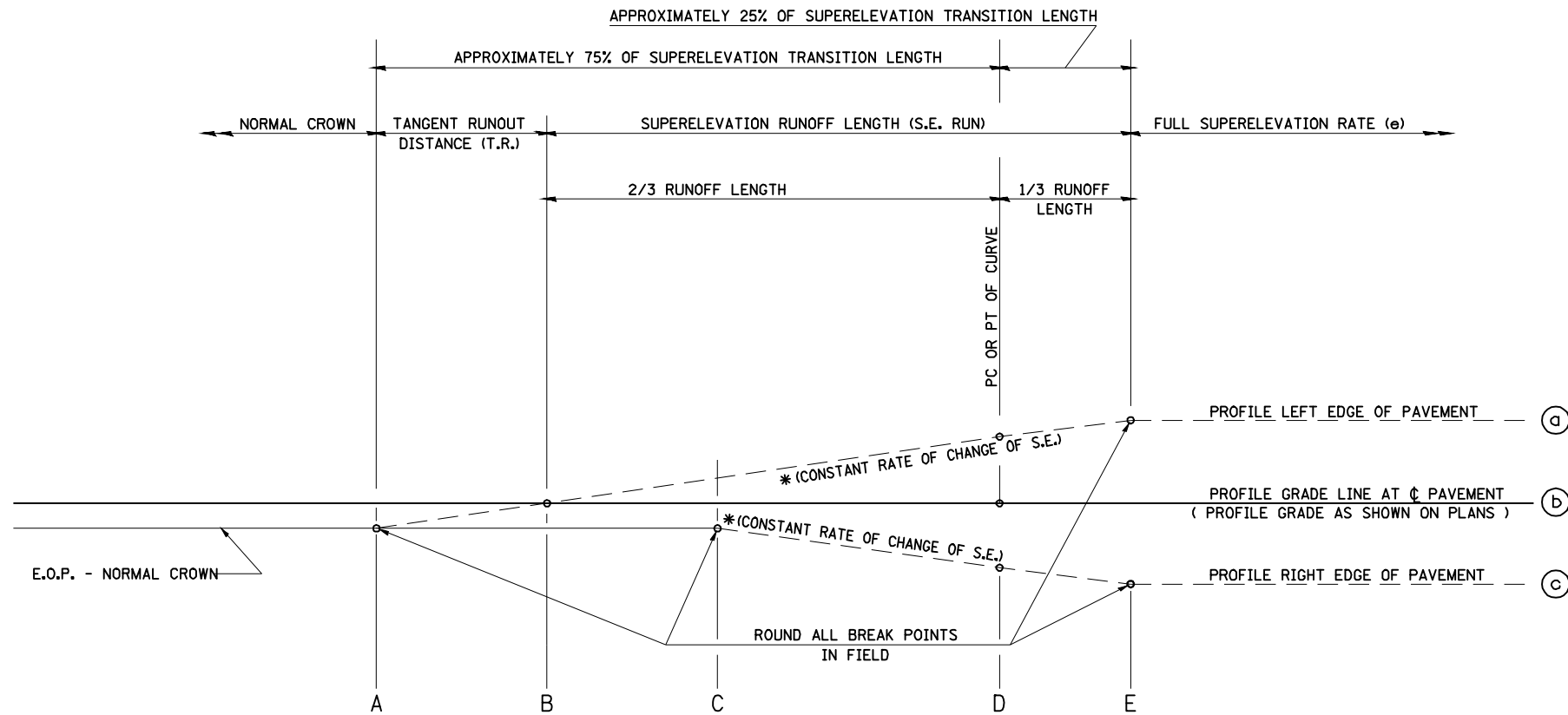


TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
316	4.5%	170+33.91	170+69.11	171+04.31	171+39.44	171+74.61	TRANS. IN
		185+83.43	185+48.23	185+13.03	184+77.90	184+42.73	TRANS. OUT

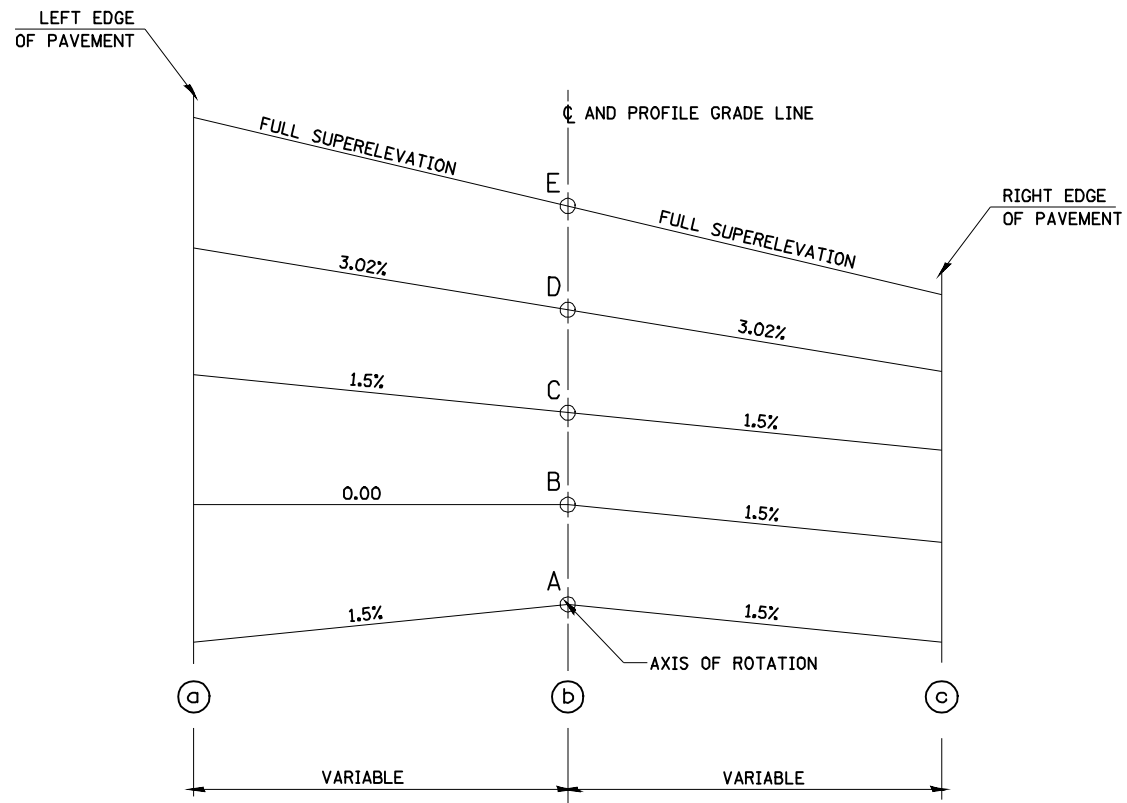
• 9RS-4, (10,11)RS-3; (10B-1)R  
 •• BROWN, SCHUYLER



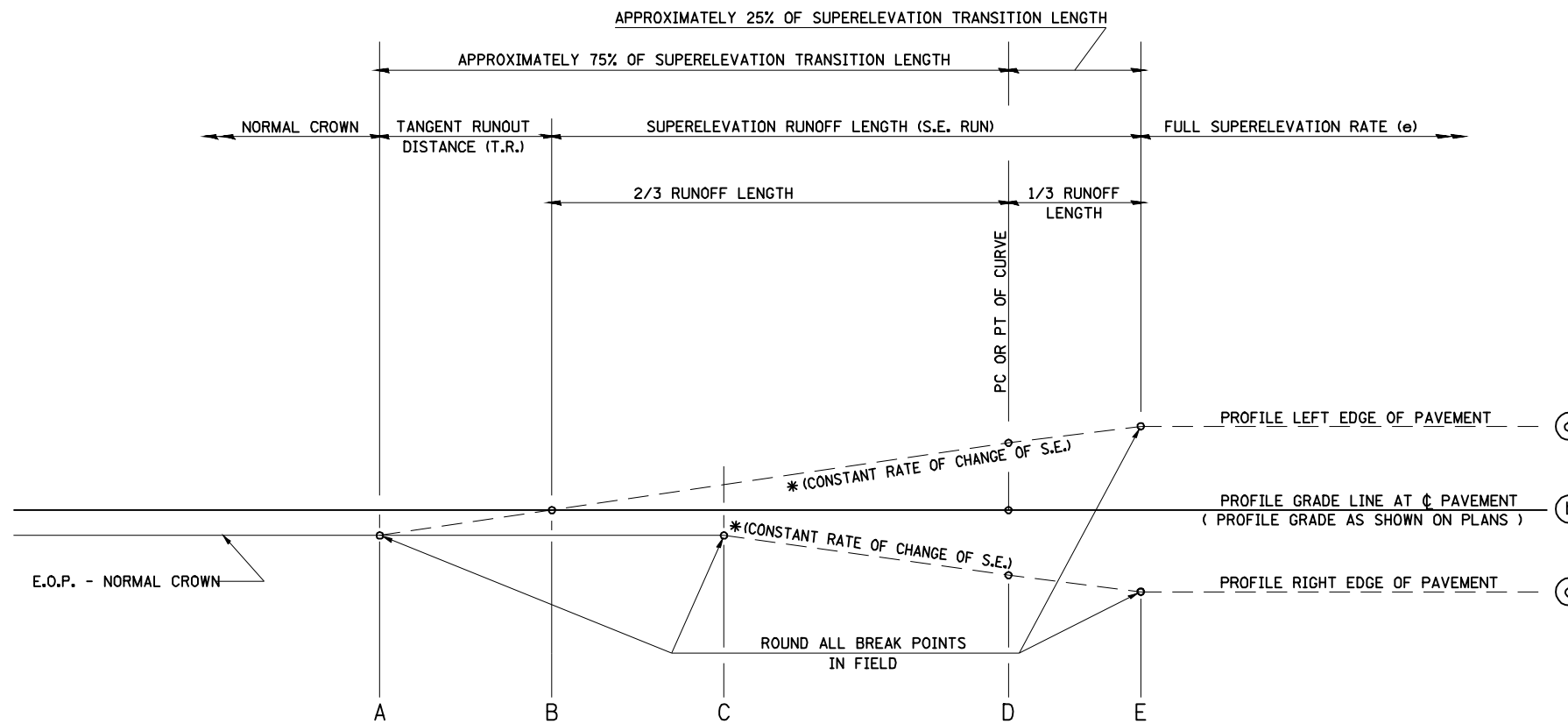
TYPICAL PROFILE - S.E. TRANSITION

US 24

EXIST. CURVE 315  
 PI STA. = 200+68.53  
 $\Delta = 9^\circ 43' 59''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.66'$   
 $T = 243.90'$   
 $L = 486.63'$   
 $E = 10.36'$   
 $e = 4.5\%$   
 $T.R. = 35.0'$   
 $S.E. RUN = 106.0'$   
 $P.C. STA. = 198+24.63$   
 $P.T. STA. = 203+11.26$



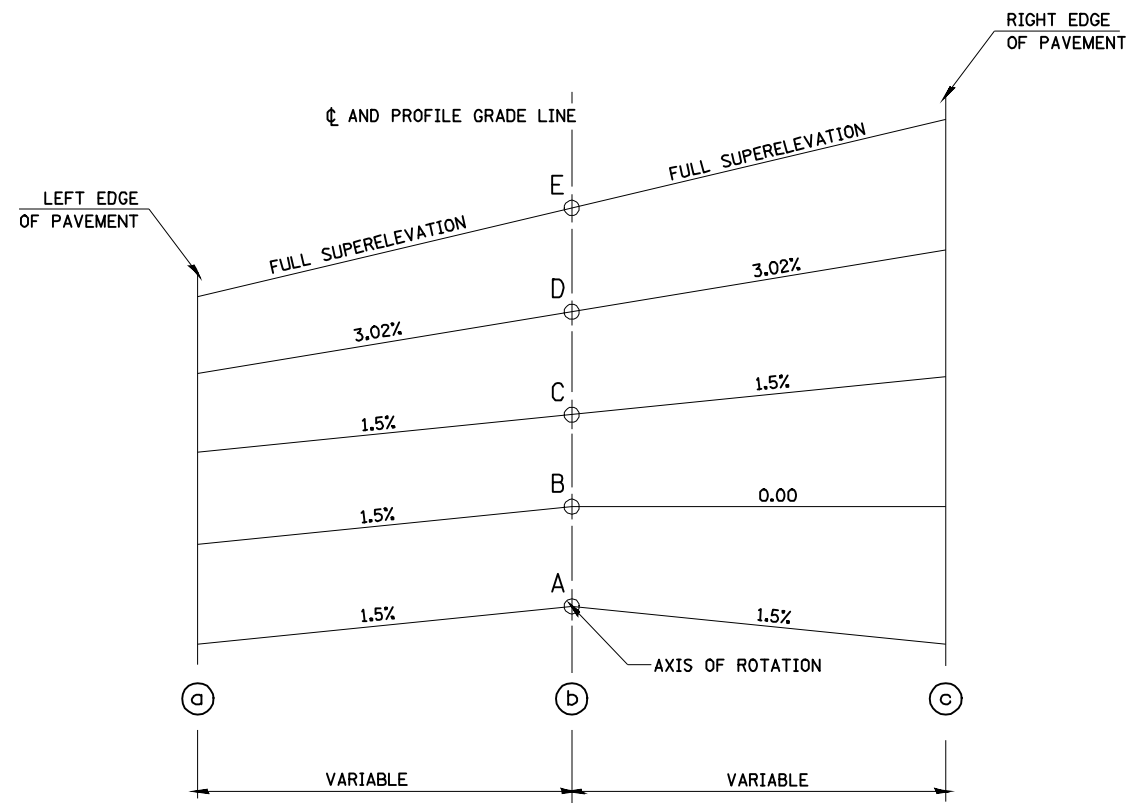
CURVE NO.	e	A	B	C	D	E	TRANSITION
315	4.5%	197+19.10	197+54.30	197+89.50	198+24.63	198+59.80	TRANS. IN
		204+16.79	203+81.59	203+46.39	203+11.26	202+76.09	TRANS. OUT



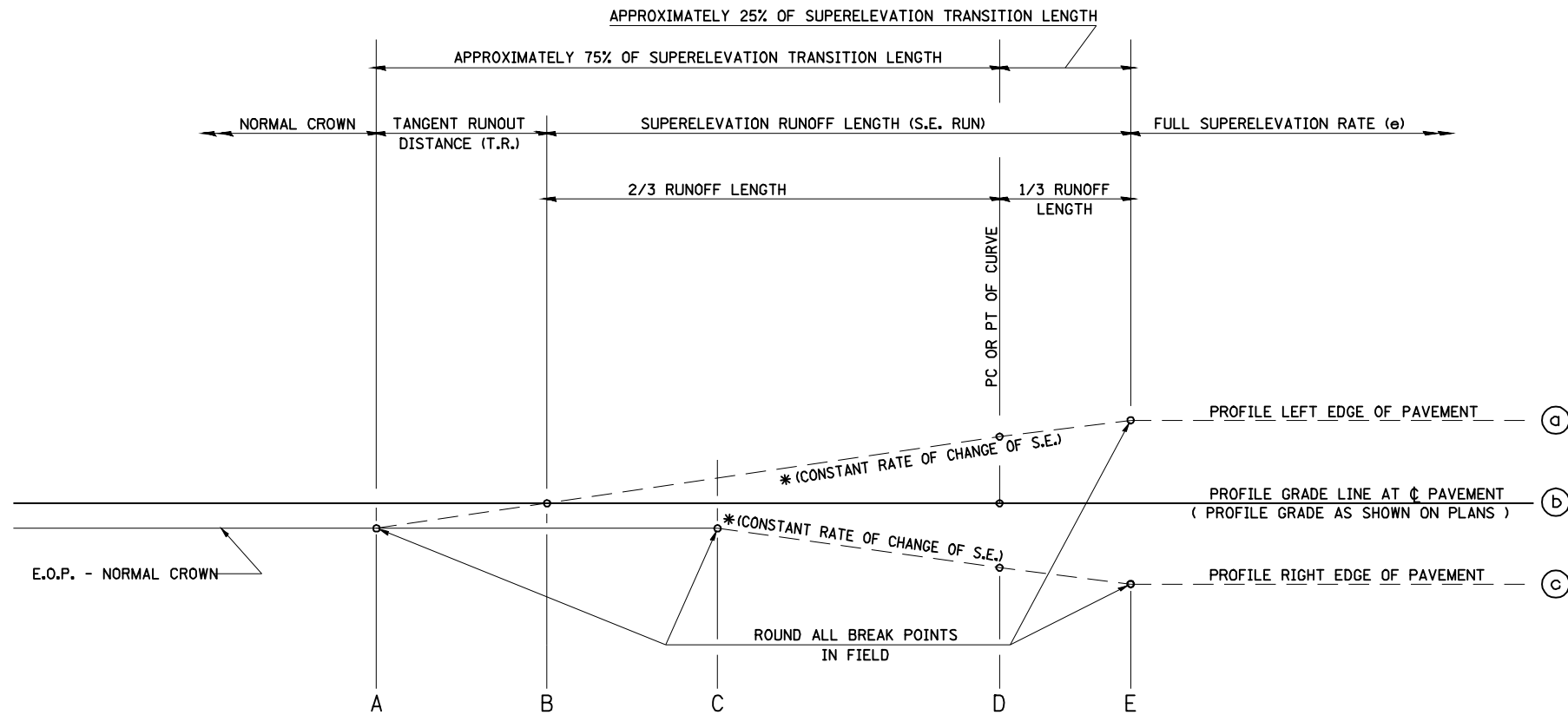
TYPICAL PROFILE - S.E. TRANSITION

US 24

EXIST. CURVE 314  
 PI STA. = 216+55.96  
 $\Delta = 6^\circ 41' 28''$  (LT)  
 D = 2° 00' 24"  
 R = 2,855.08'  
 T = 166.90'  
 L = 333.42'  
 E = 4.87'  
 e = 4.5%  
 T.R. = 35.0'  
 S.E. RUN = 106.0'  
 P.C. STA. = 214+89.06  
 P.T. STA. = 218+22.48



CURVE NO.	e	A	B	C	D	E	TRANSITION
314	4.5%	213+83.53	214+18.73	214+53.93	214+89.06	215+24.23	TRANS. IN
		219+28.01	218+92.81	218+57.63	218+22.48	217+87.31	TRANS. OUT



TYPICAL PROFILE - S.E. TRANSITION

US 24

EXIST. CURVE 312  
 PI STA. = 227+10.38  
 $\Delta = 10^\circ 02' 40''$  (LT)  
 $D = 1^\circ 59' 30''$   
 $R = 2,876.64'$   
 $T = 252.80'$   
 $L = 504.30'$   
 $E = 11.09'$   
 $e = 4.5\%$   
 $T.R. = 35.0'$   
 $S.E. RUN = 106.0'$   
 $P.C. STA. = 224+57.58$   
 $P.T. STA. = 229+61.89$

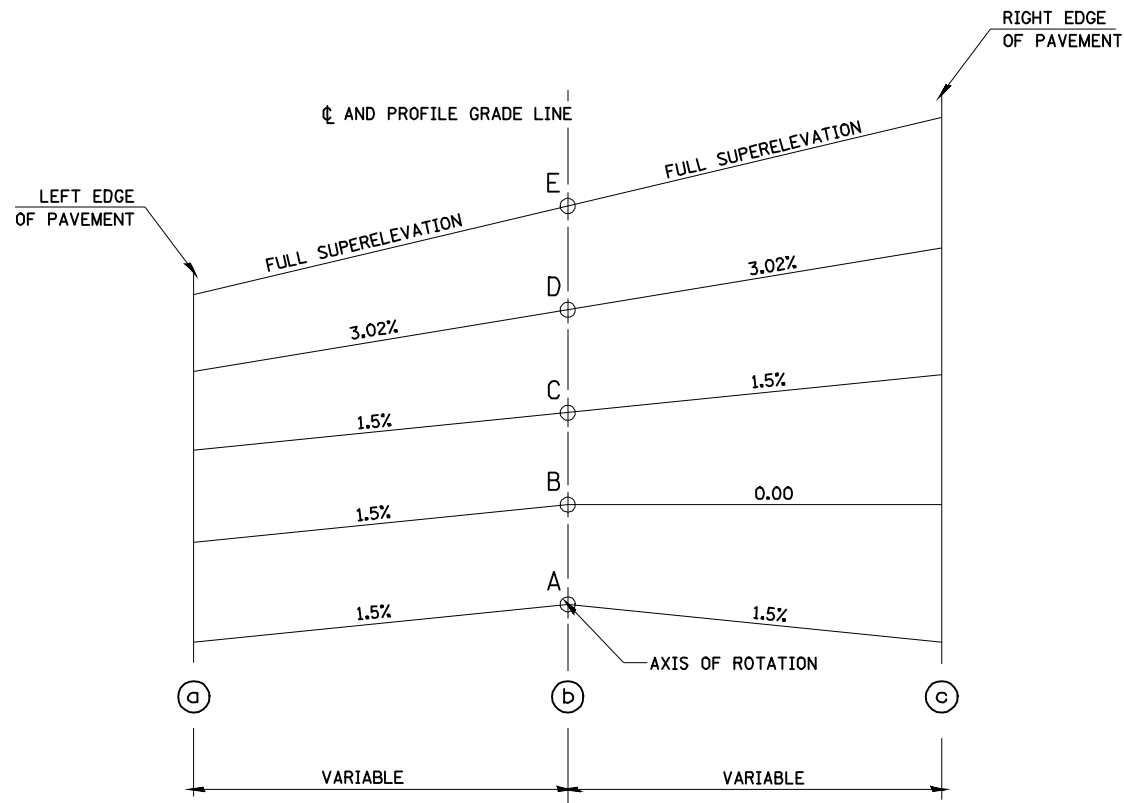
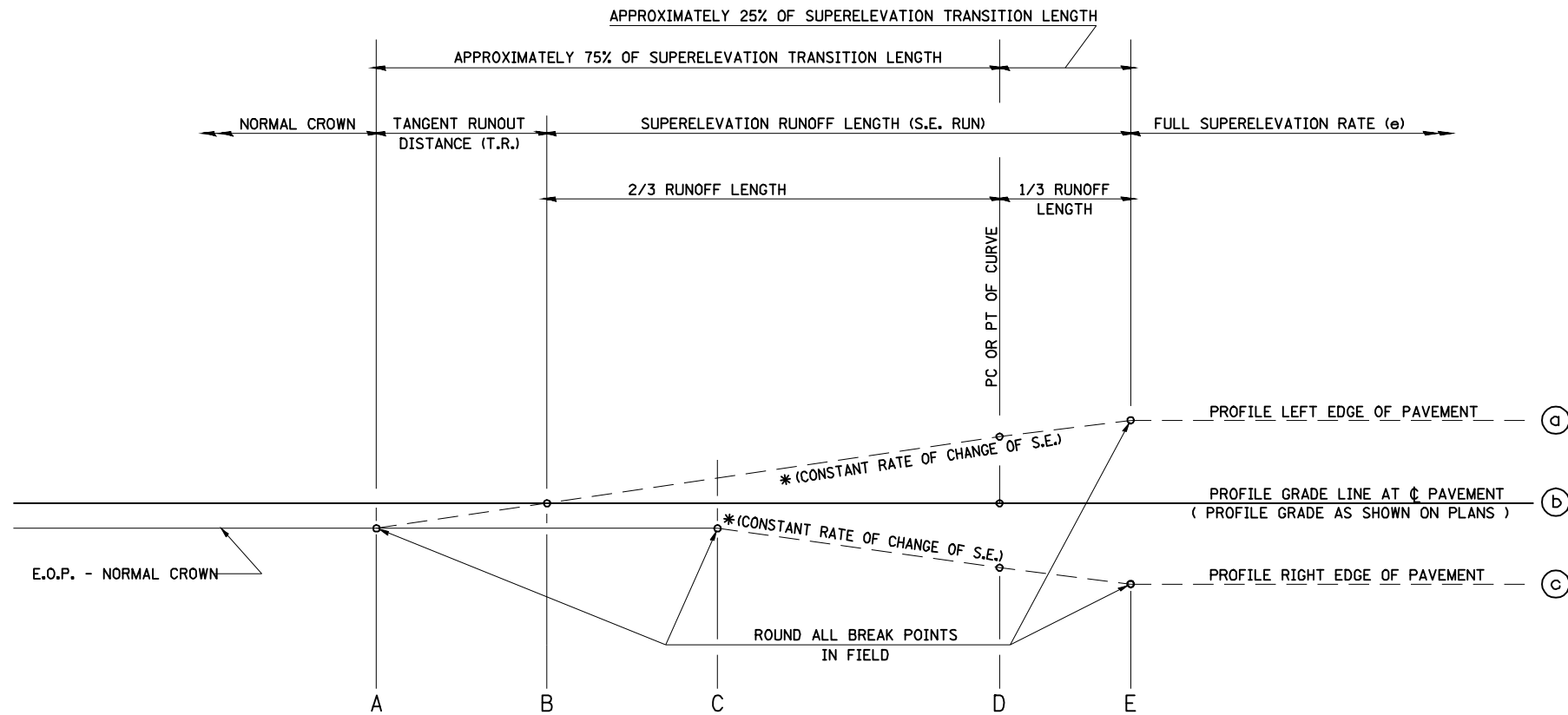


TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
312	4.5%	223+52.05	223+87.25	224+22.45	224+57.58	224+92.75	TRANS. IN
		230+67.42	230+32.22	229+97.02	229+61.89	229+26.72	TRANS. OUT





TYPICAL PROFILE - S.E. TRANSITION

US 24

EXIST. CURVE 309  
 PI STA. = 227+81.19  
 $\Delta = 11^\circ 07' 59''$  (LT)  
 $D = 1^\circ 59' 47''$   
 $R = 2,8789.85'$   
 $T = 279.70'$   
 $L = 557.64'$   
 $E = 13.60'$   
 $e = 2.97\%$   
 FULL S.E. = 6.0%  
 $T.R. = 35.15$   
 $S.E. RUN = 141.0$   
 $P.C. STA. = 275+01.49$   
 $P.T. STA. = 280+59.12$

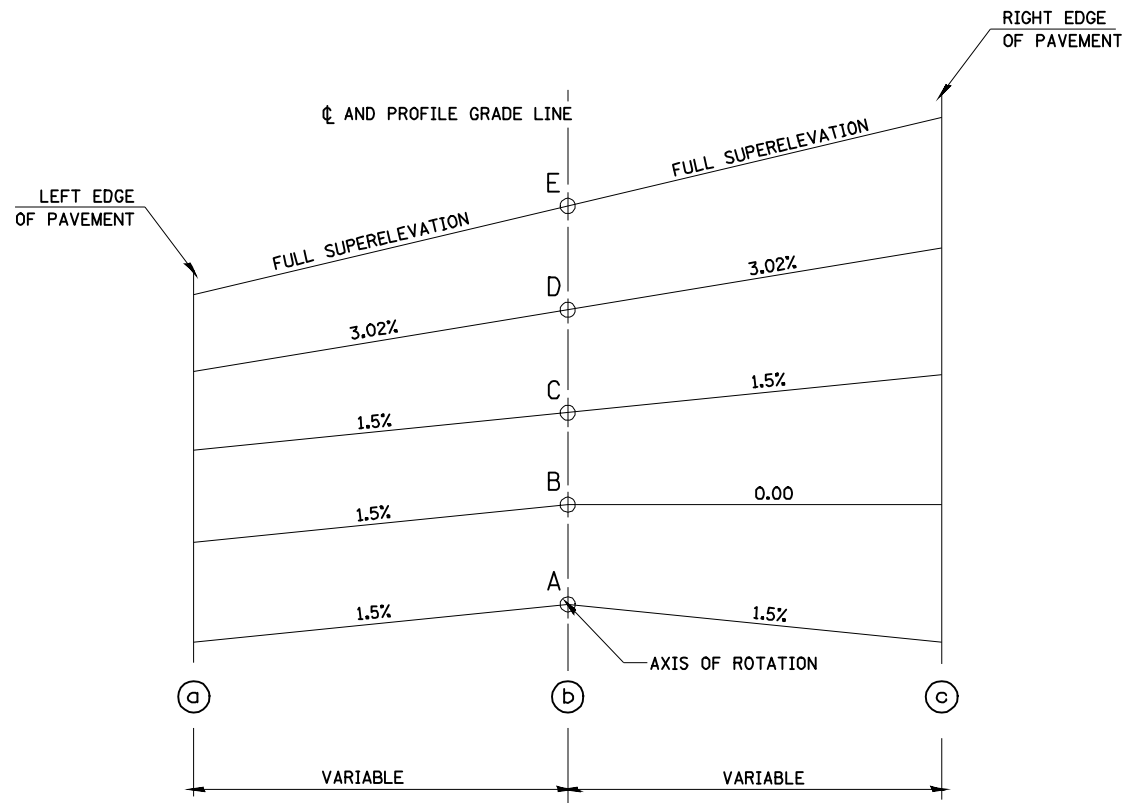
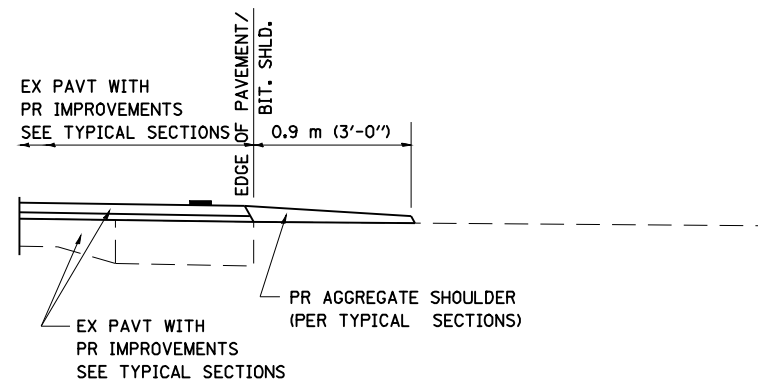
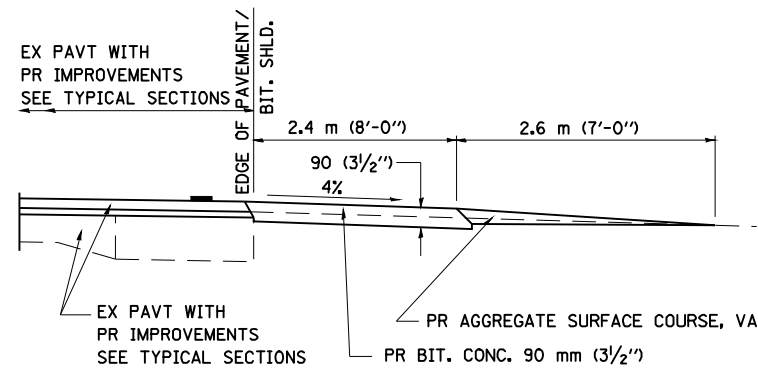


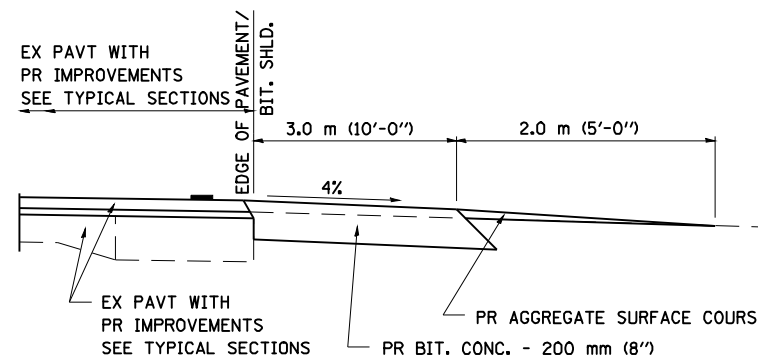
TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
309	4.5%	273+95.96	274+31.16	274+66.36	275+01.49	275+36.66	TRANS. IN
		281+64.85	281+29.45	280+94.25	280+59.12	280+23.95	TRANS. OUT



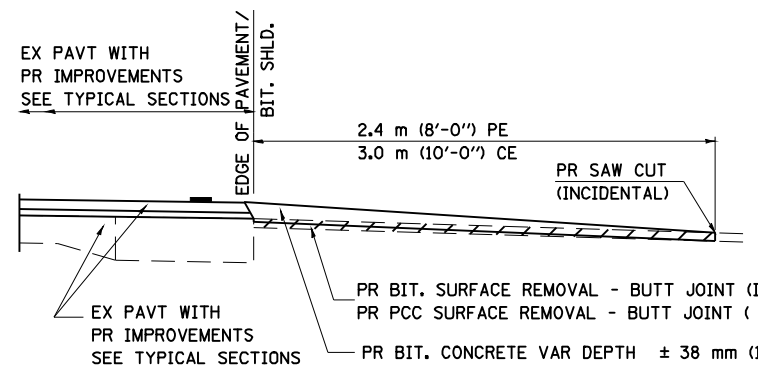
**SECTION A-A FOR EX EARTH/AGGREGATE FE**



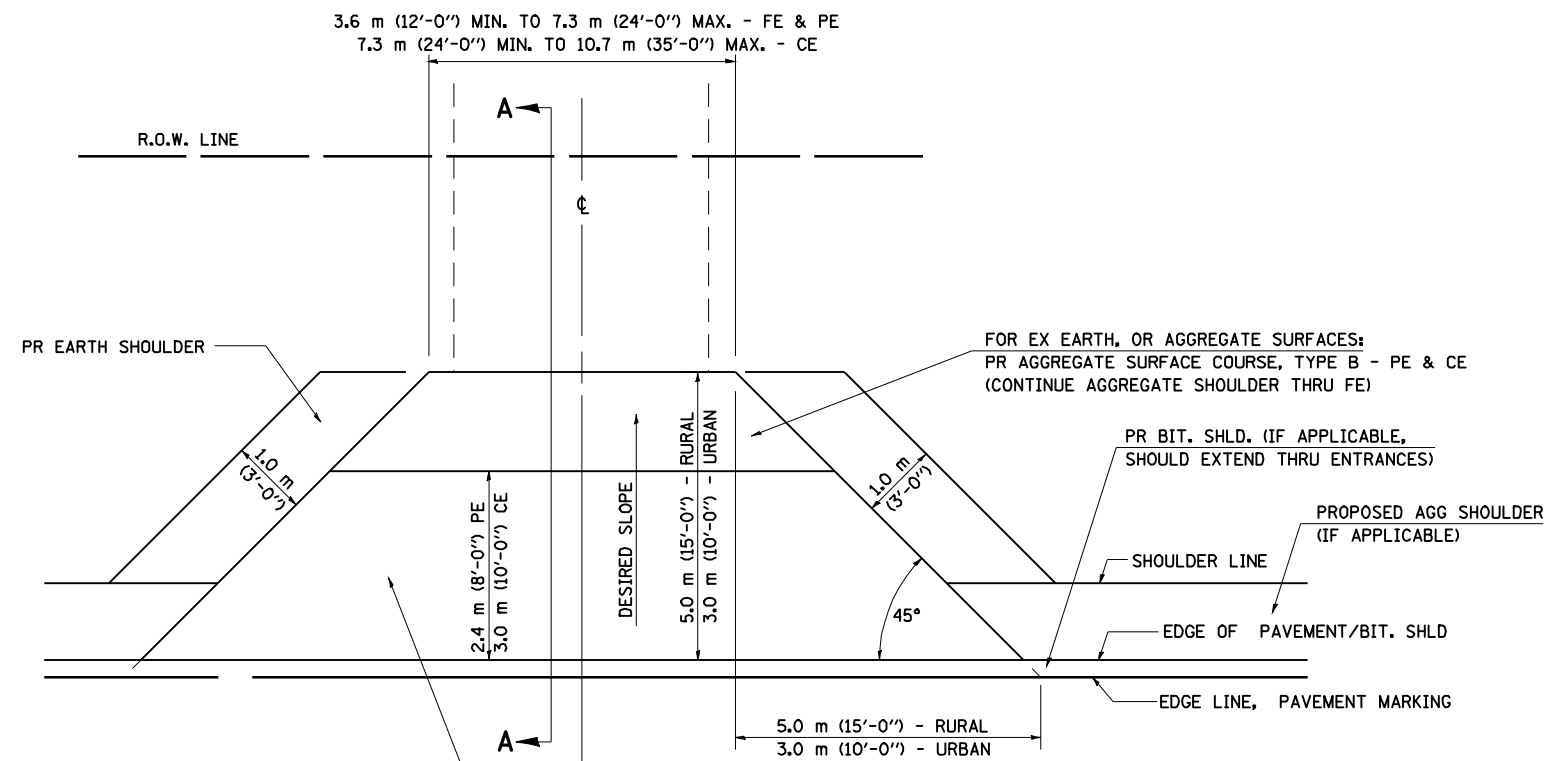
**SECTION A-A FOR EX EARTH/AGGREGATE PE**



**SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD**



**SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD**



FOR EX EARTH OR AGGREGATE SURFACES:  
PR BIT SURFACE REMOVAL (IF APPLICABLE)  
PR AGGREGATE SHOULDER THRU - FE  
PR BITUMINOUS CONCRETE 90 mm (3/2") - PE  
PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:  
PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:  
PR PCC SURFACE REMOVAL-BUTT JOINT

**GENERAL NOTES:**

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

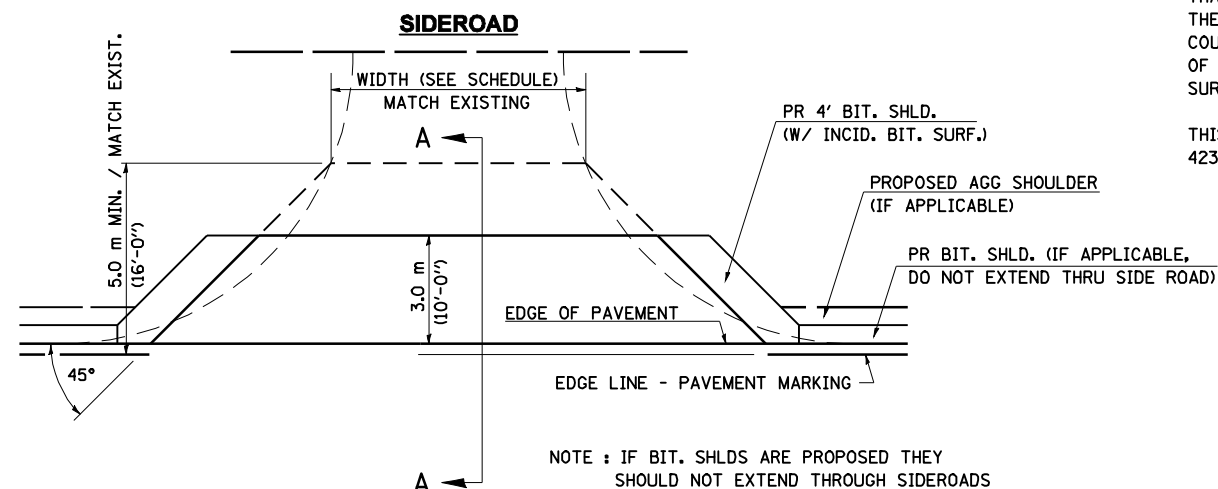
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS ( INCHES ) UNLESS OTHERWISE SHOWN.



• 9RS-4,(10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - 2/19/03 JCN
e:\pwork\pwork\1007\LAUGHLINRL\dm20637\0672432-ah-t-detail.dgn		DRAWN - CADD	REVISED - 4/01/04 JCN
		CHECKED - JCN	REVISED -
		DATE - FEBRUARY 23, 1999	REVISED -

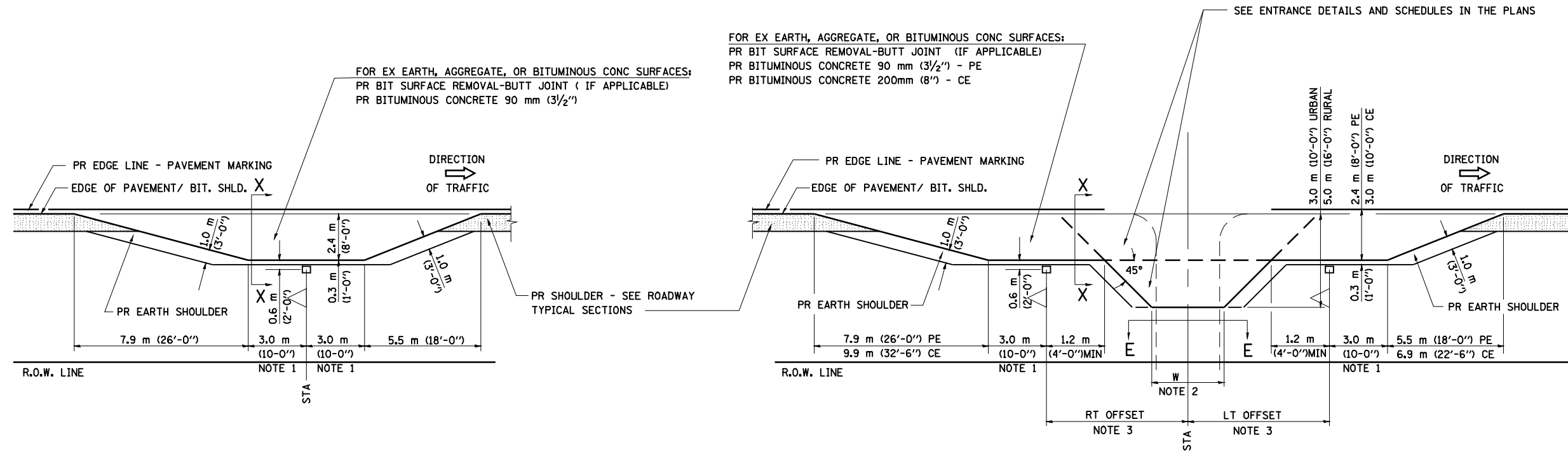
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX  
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

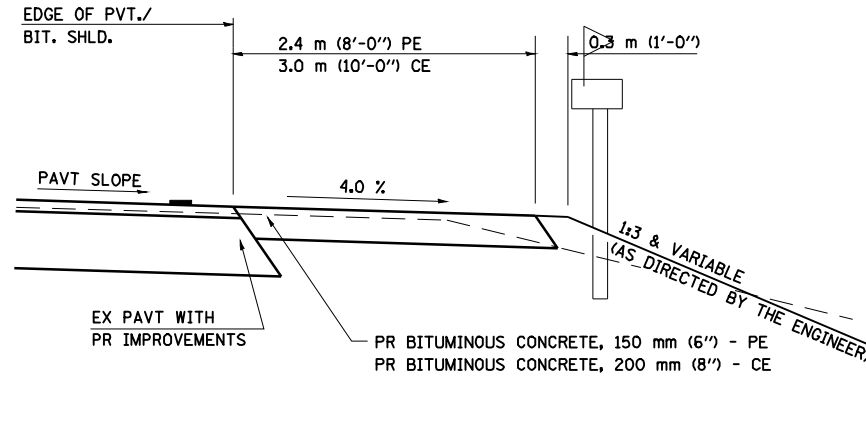
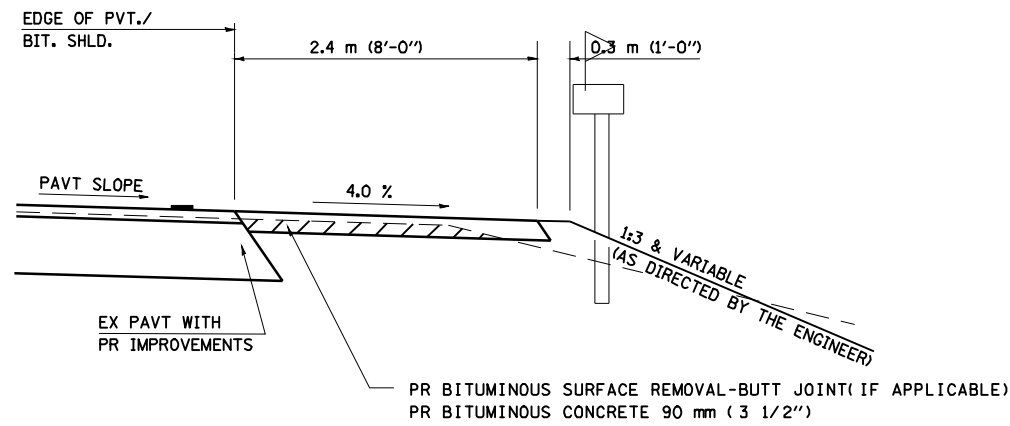
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	34
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# DETAILS OF MAILBOX TURNOUTS



**PLAN - MAILBOX TURNOUTS**

**PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE**



- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS ( INCHES ) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - 2/19/03 JCN
es:\pwork\pwork\LAUGHLINRL\dms20637\0672432-shit-detail.dgn		DRAWN - CADD	REVISED - 4/01/04 JCN
		CHECKED - JCN	REVISED -
		DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

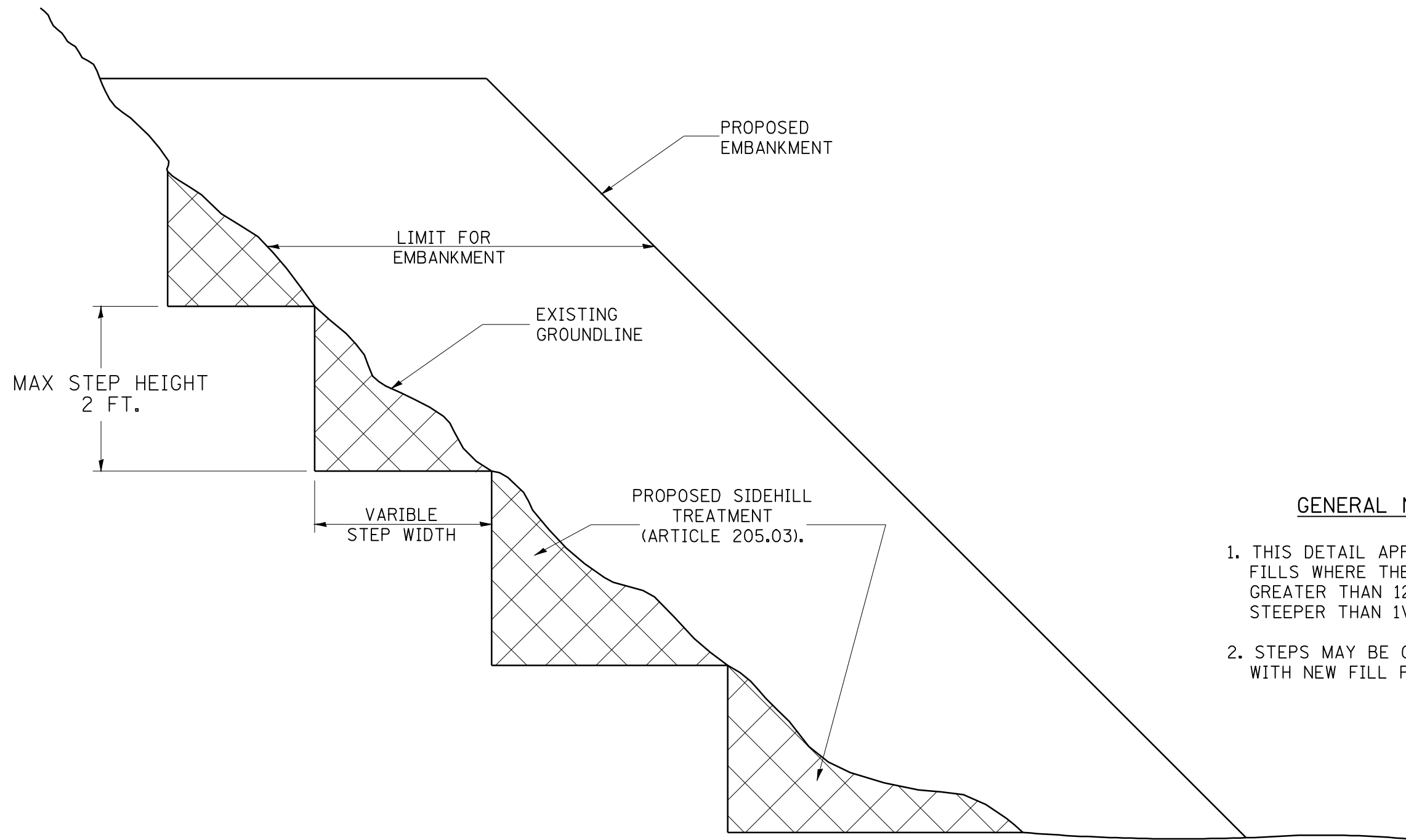
**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX  
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	35
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• 9RS-4,(10,11)RS-3; (10B-1)R  
 •• BROWN & SCHUYLER COUNTIES

**SLOPE STEPS DETAIL**  
 TYPICAL CROSS-SECTION EMBANKMENT  
 CONSTRUCTION ON SIDEHILL



**GENERAL NOTES:**

1. THIS DETAIL APPLIES TO SIDEHILL FILLS WHERE THE EXISTING SLOPE IS GREATER THAN 12 FT. HIGH AND/OR STEEPER THAN 1V:3H
2. STEPS MAY BE CUT IN CONJUNCTION WITH NEW FILL PLACEMENT.

**REPLACEMENT MATERIAL:**

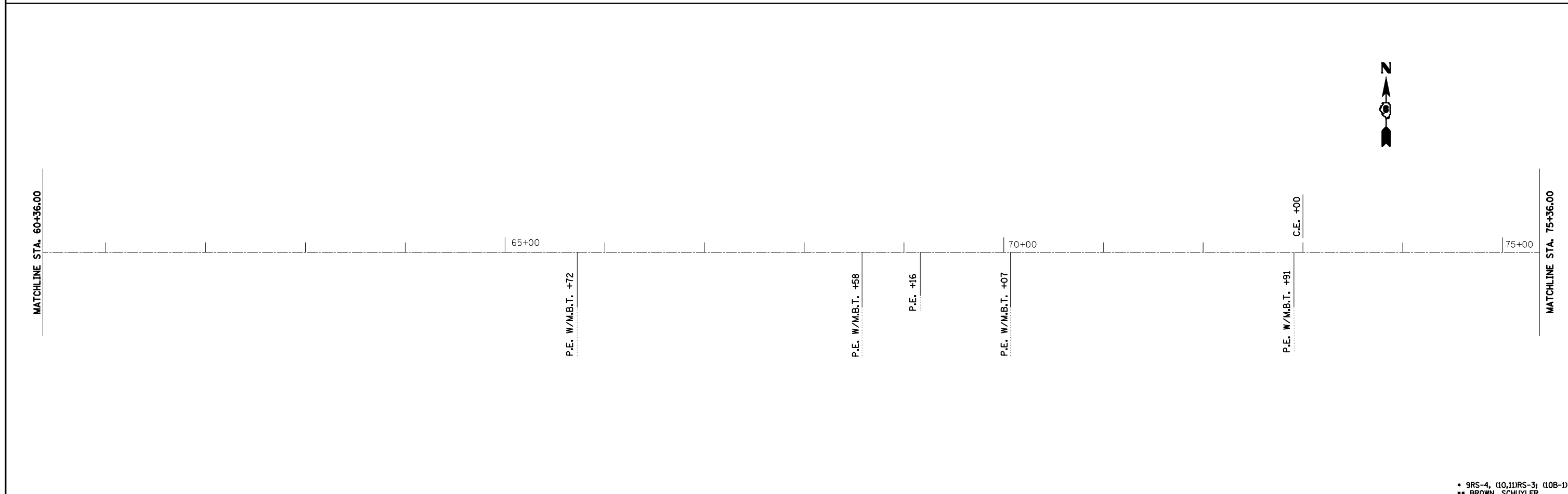
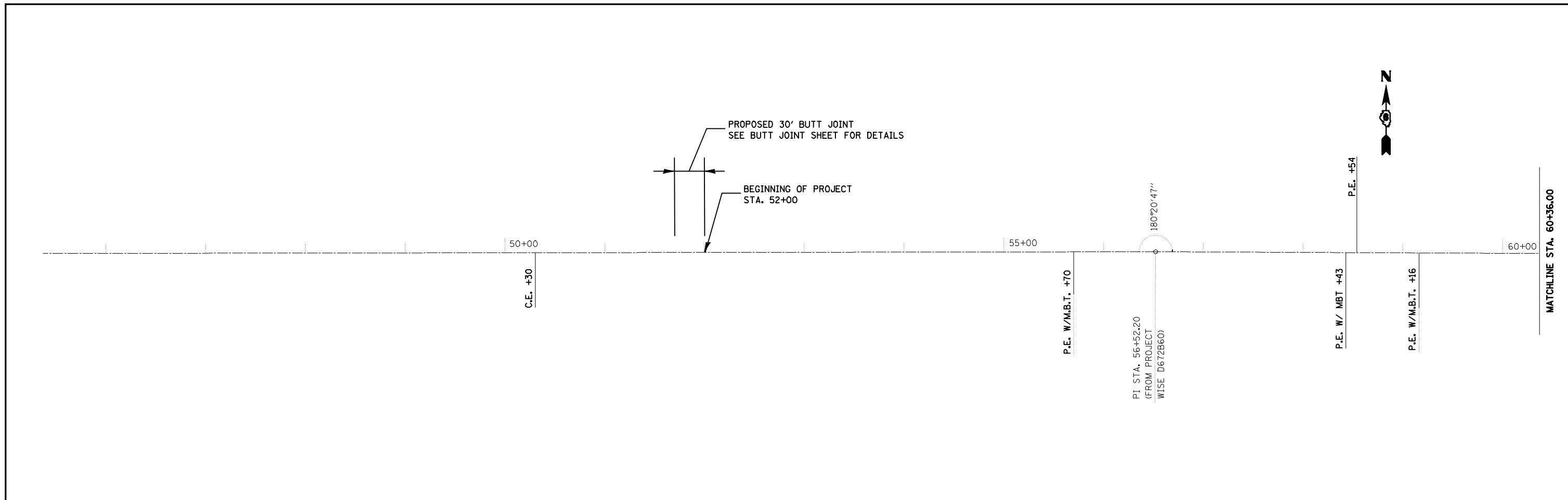


STANDARD EMBANKMENT  
 (IN ACCORDANCE WITH  
 205 OF THE STANDARD SPECIFICATION).

All dimensions are in millimeters  
 (Inches) unless otherwise noted.

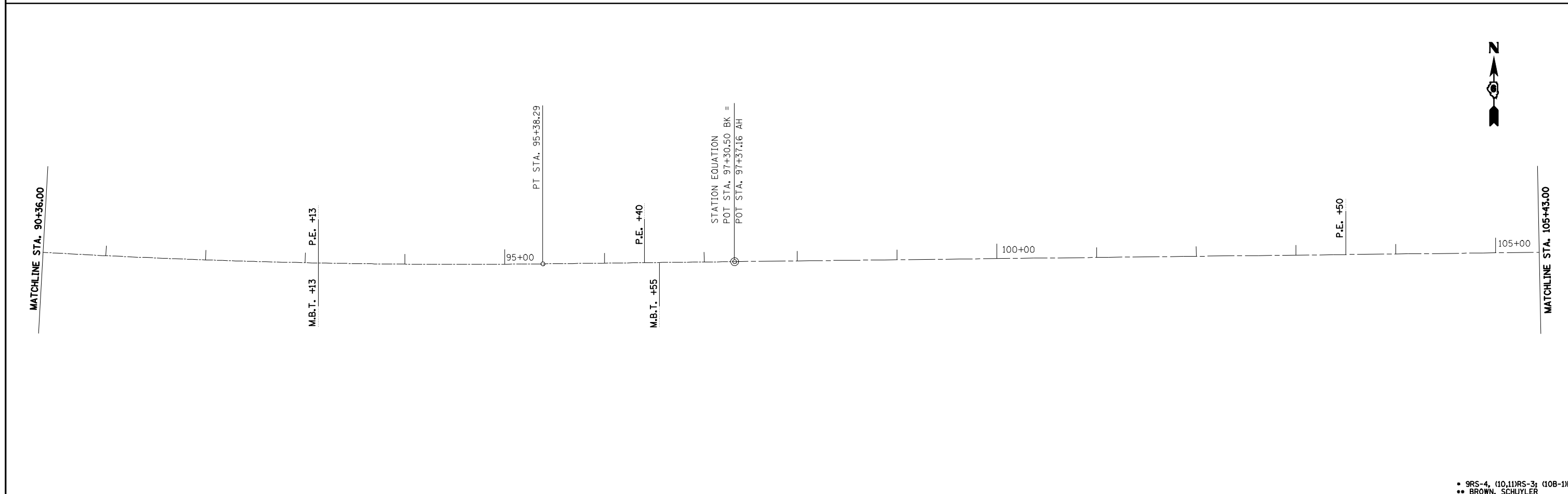
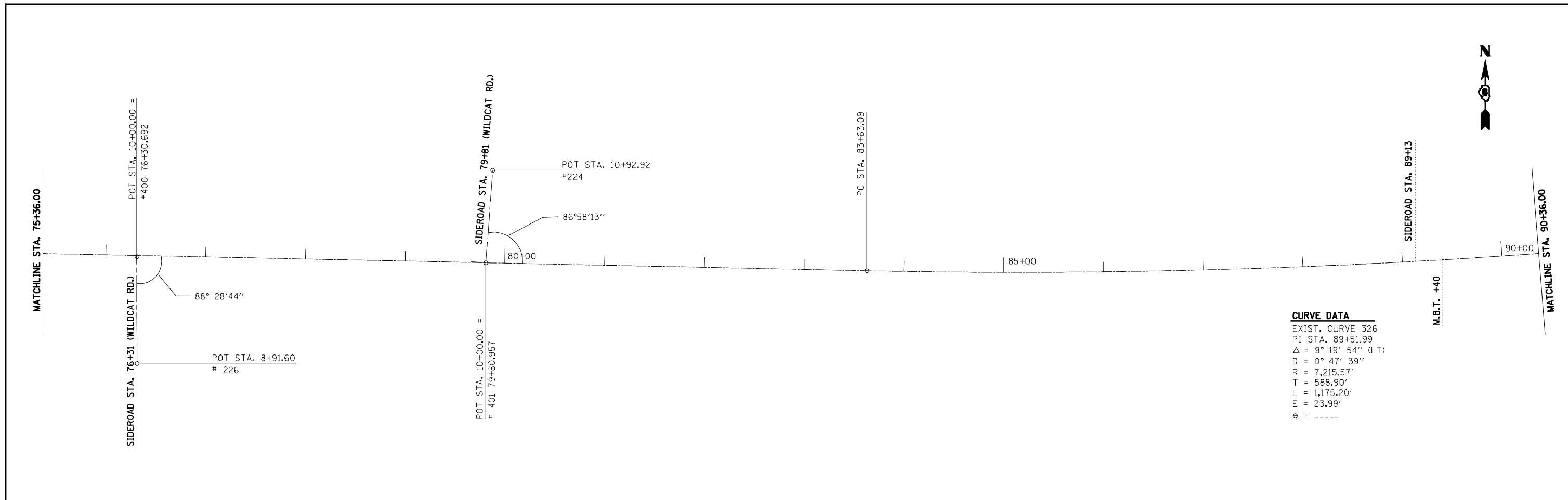
• 9RS-4, (10,11)RS-3; (10B-1)R  
 \*\* BROWN, SCHUYLER

FILE NAME = e:\pwork\pwidot\LAUGHLINRL\dms20637\672432-sht-detail.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SLOPE STEP DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -						317	.	**	196	36
PLOT DATE = Mar-23-2010 02:31:12PM	CHECKED -	REVISED -	SCALE:      SHEET NO.      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 72432						
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT						



FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\dms20637\672432-ah-plot.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 LINE DIAGRAM</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					317	*	**	196	37
PLOT DATE = Mar-23-2010 02:00:02PM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72432			
								ILLINOIS FED. AID PROJECT				

\* 9RS-4, (10,11)RS-3; (10B-1)R  
\*\* BROWN, SCHUYLER



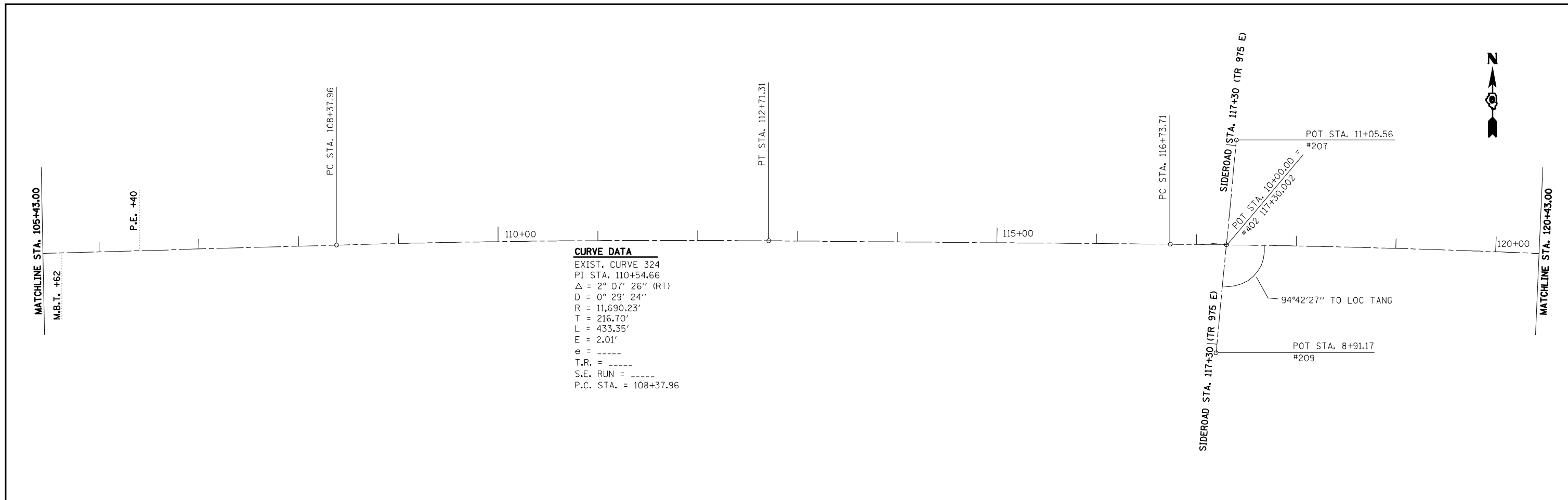
• 9RS-4, (10,11)RS-3, (10B-1)R  
 •• BROWN, SCHUYLER

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-ah-t-plan.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-23-2010 02:00:04PM		DATE -	REVISED -

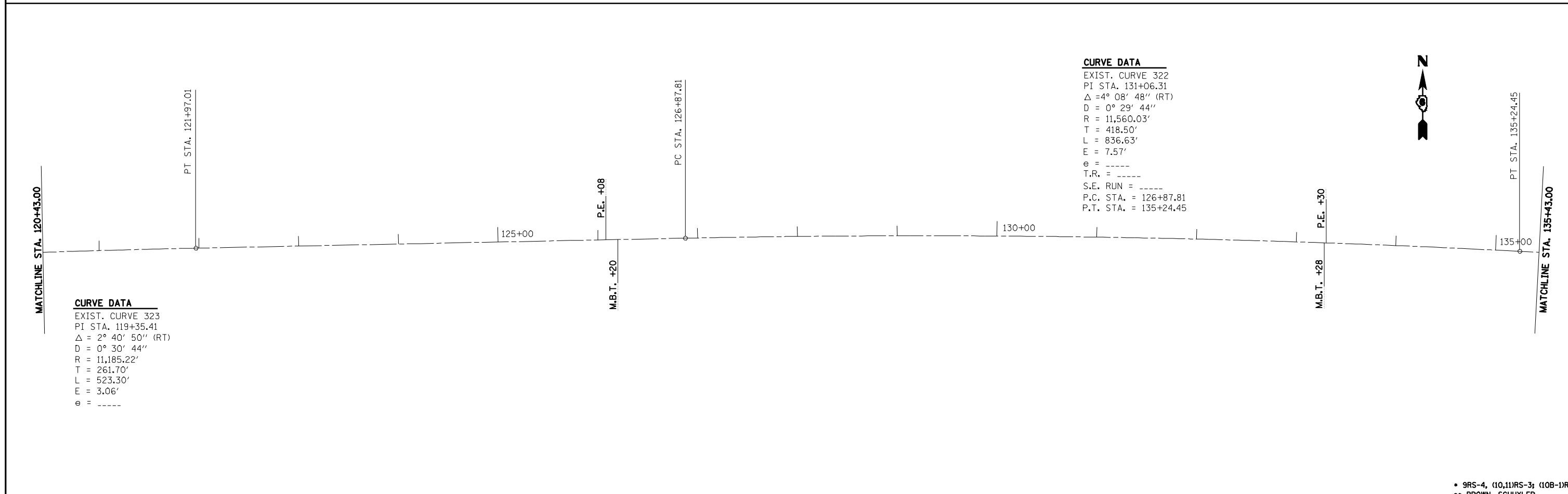
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 24 LINE DIAGRAM</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	•	••	196	38
CONTRACT NO. 72432				
ILLINOIS FED. AID PROJECT				



**CURVE DATA**  
 EXIST. CURVE 324  
 PI STA. 110+54.66  
 $\Delta = 2^\circ 07' 26''$  (RT)  
 $D = 0^\circ 29' 24''$   
 $R = 11,690.23'$   
 $T = 216.70'$   
 $L = 433.35'$   
 $E = 2.01'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 108+37.96$

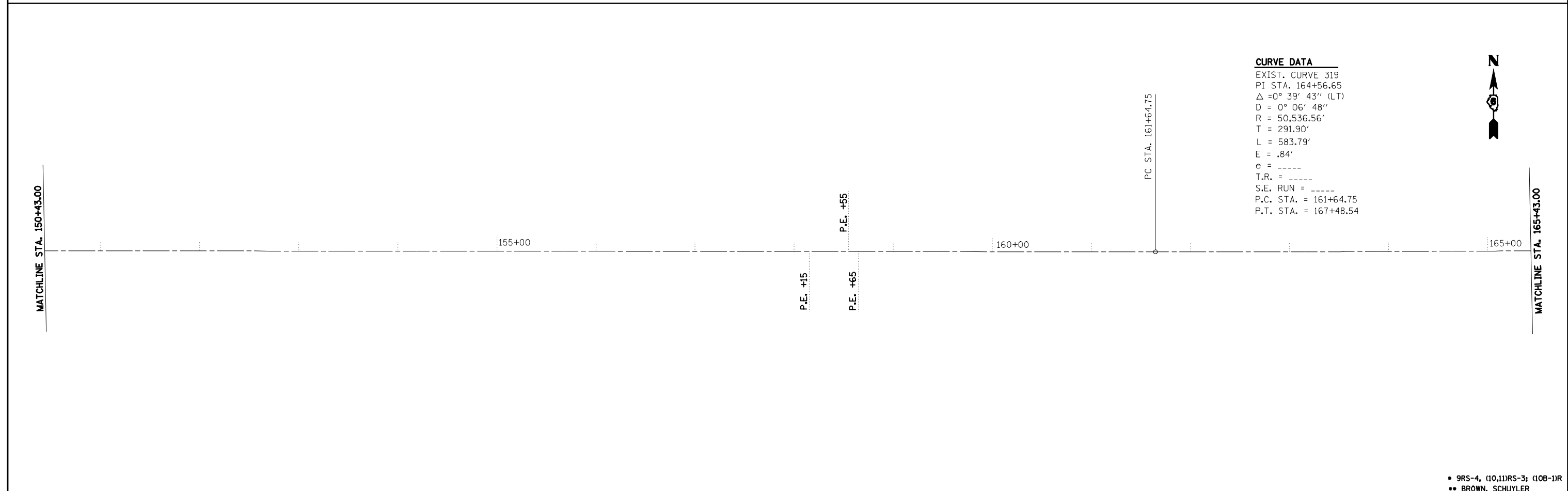
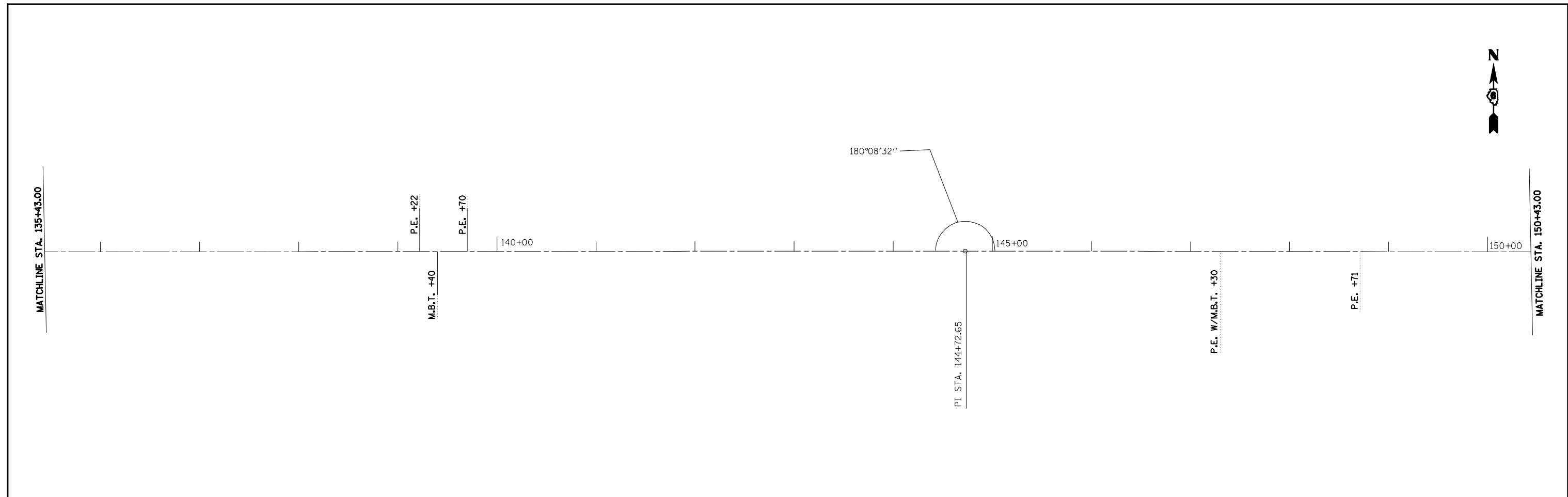


**CURVE DATA**  
 EXIST. CURVE 323  
 PI STA. 119+35.41  
 $\Delta = 2^\circ 40' 50''$  (RT)  
 $D = 0^\circ 30' 44''$   
 $R = 11,185.22'$   
 $T = 261.70'$   
 $L = 523.30'$   
 $E = 3.06'$   
 $e = \text{-----}$

**CURVE DATA**  
 EXIST. CURVE 322  
 PI STA. 131+06.31  
 $\Delta = 4^\circ 08' 48''$  (RT)  
 $D = 0^\circ 29' 44''$   
 $R = 11,560.03'$   
 $T = 418.50'$   
 $L = 836.63'$   
 $E = 7.57'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 126+87.81$   
 $P.T. \text{ STA.} = 135+24.45$

FILE NAME = e:\pwwork\p\w\DOT\LAUGHLINRL\dms20637\672432-ah-t-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 LINE DIAGRAM</b>			F.A.P. RTE. 317	SECTION *	COUNTY **	TOTAL SHEETS 196	SHEET NO. 39
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72432				
PLOT DATE = Mar-23-2010 02:00:06PM	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

• 9RS-4, (10,11)RS-3; (10B-1)R  
 \*\* BROWN, SCHUYLER

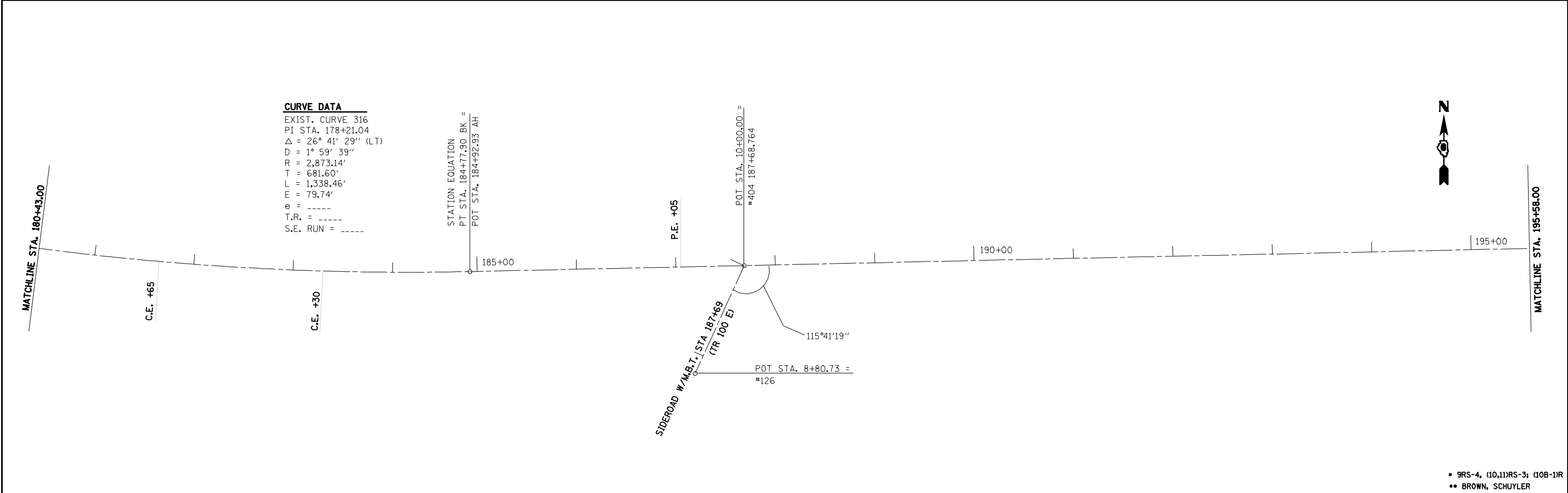
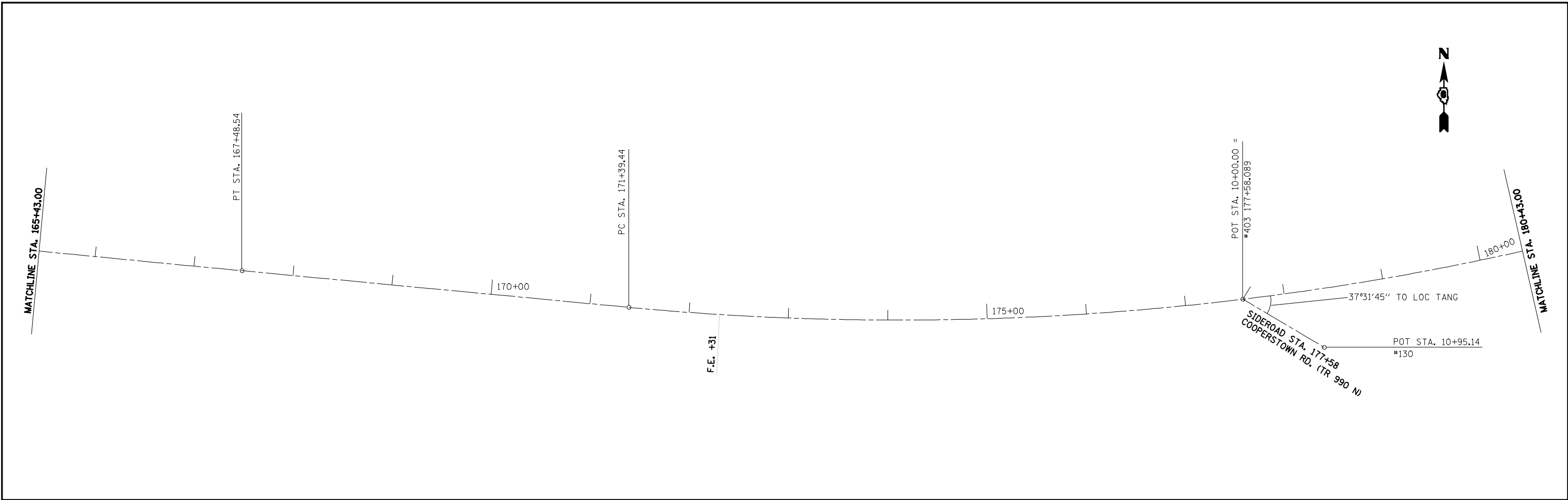


**CURVE DATA**  
 EXIST. CURVE 319  
 PI STA. 164+56.65  
 $\Delta = 0^\circ 39' 43''$  (LT)  
 $D = 0^\circ 06' 48''$   
 $R = 50,536.56'$   
 $T = 291.90'$   
 $L = 583.79'$   
 $E = .84'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 161+64.75$   
 $P.T. \text{ STA.} = 167+48.54$

FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-ah-t-plan.dgn USER NAME = laughlinr1 PLOT SCALE = 100.0000' / IN. PLOT DATE = Mar-23-2010 02:00:08PM				DESIGNED - DRAWN - CHECKED - DATE -				REVISED - REVISED - REVISED - REVISED -				<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>				<b>US 24 LINE DIAGRAM</b>				F.A.P. RTE. 317		SECTION .		COUNTY **		TOTAL SHEETS 196		SHEET NO. 40		CONTRACT NO. 72432			
												SCALE: SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT																	

• 9RS-4, (10,11)RS-3; (10B-1)R  
 •• BROWN, SCHUYLER





**CURVE DATA**  
 EXIST. CURVE 316  
 PI STA. 178+21.04  
 $\Delta = 26^\circ 41' 29''$  (LT)  
 $D = 1^\circ 59' 39''$   
 $R = 2,873.14'$   
 $T = 681.60'$   
 $L = 1,338.46'$   
 $E = 79.74'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$

STATION EQUATION  
 PT STA. 184+77.90 BK =  
 POT STA. 184+92.93 AH

POT STA. 10+00.00 =  
 #404 187+68.764  
 115°41'19"  
 POT STA. 8+80.73 =  
 #126  
 SIDEROAD W/AMB.T. STA. 187+69  
 (TR 100 E)

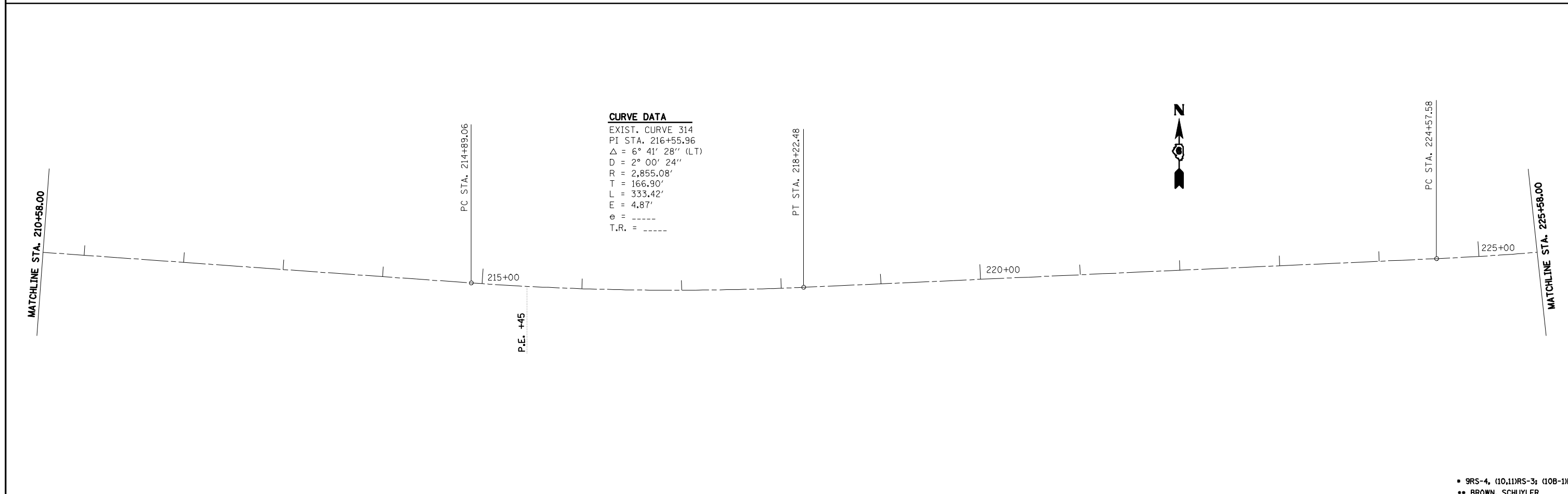
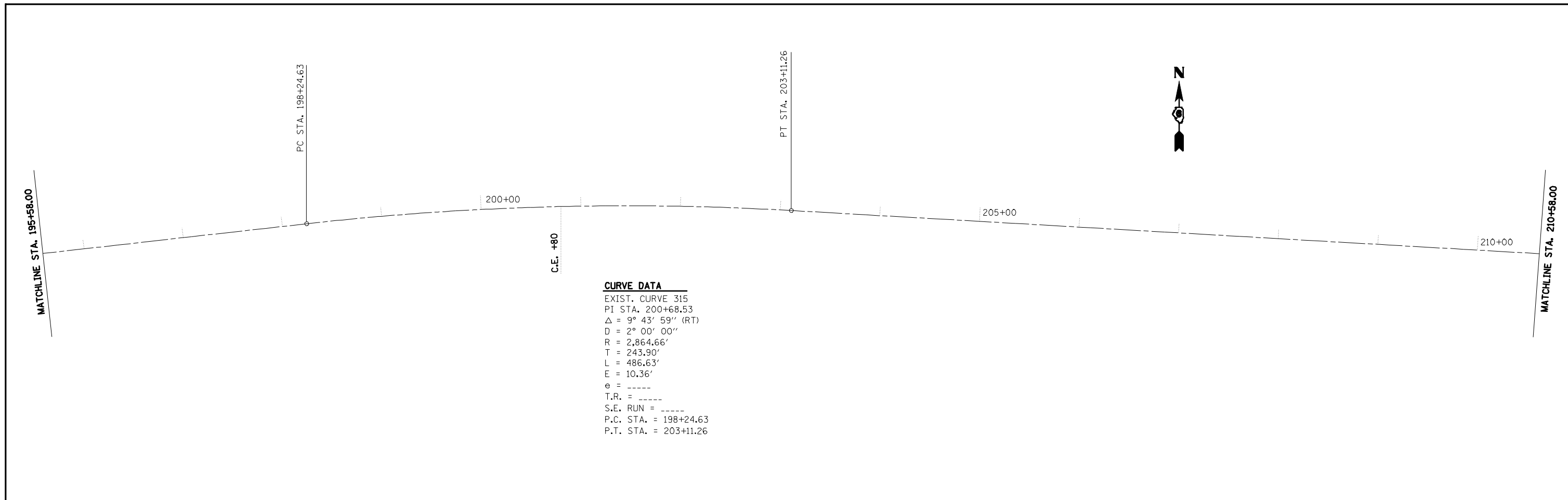
• 9RS-4, (10,11RS-3), (10B-1)R  
 •• BROWN, SCHUYLER

FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\dms20637\672432-ah-t-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISIED -	REVISIED -
PLOT DATE = Mar-23-2010 02:00:10PM	DATE -	REVISIED -	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

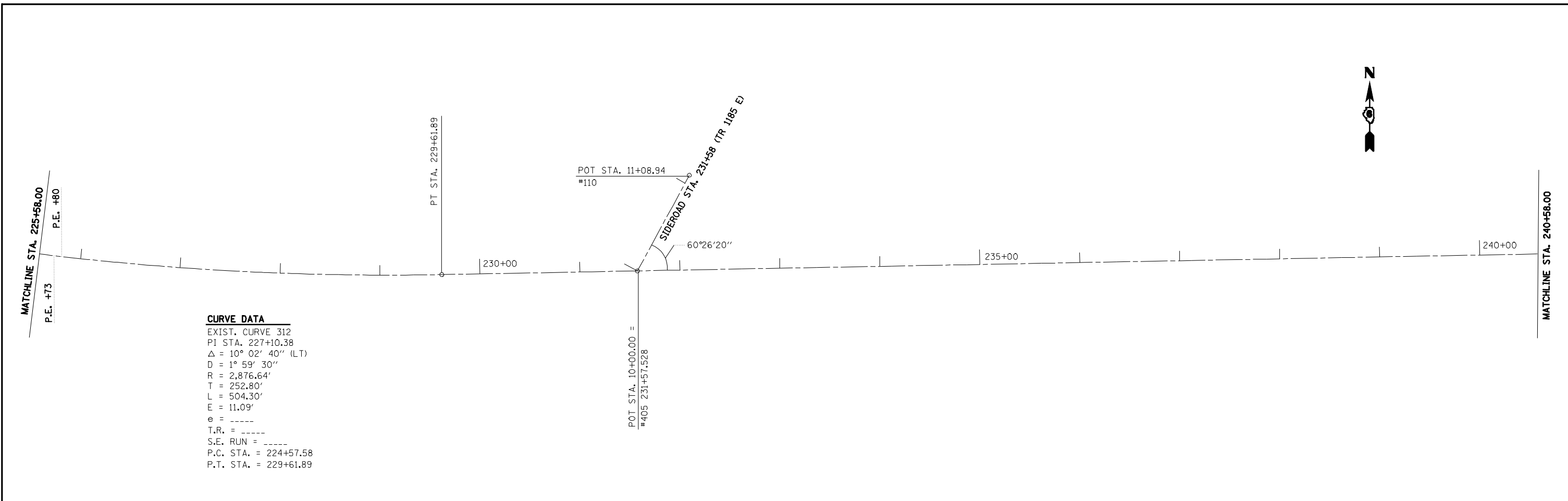
<b>US 24 LINE DIAGRAM</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	41
CONTRACT NO. 72432				
ILLINOIS FED. AID PROJECT				

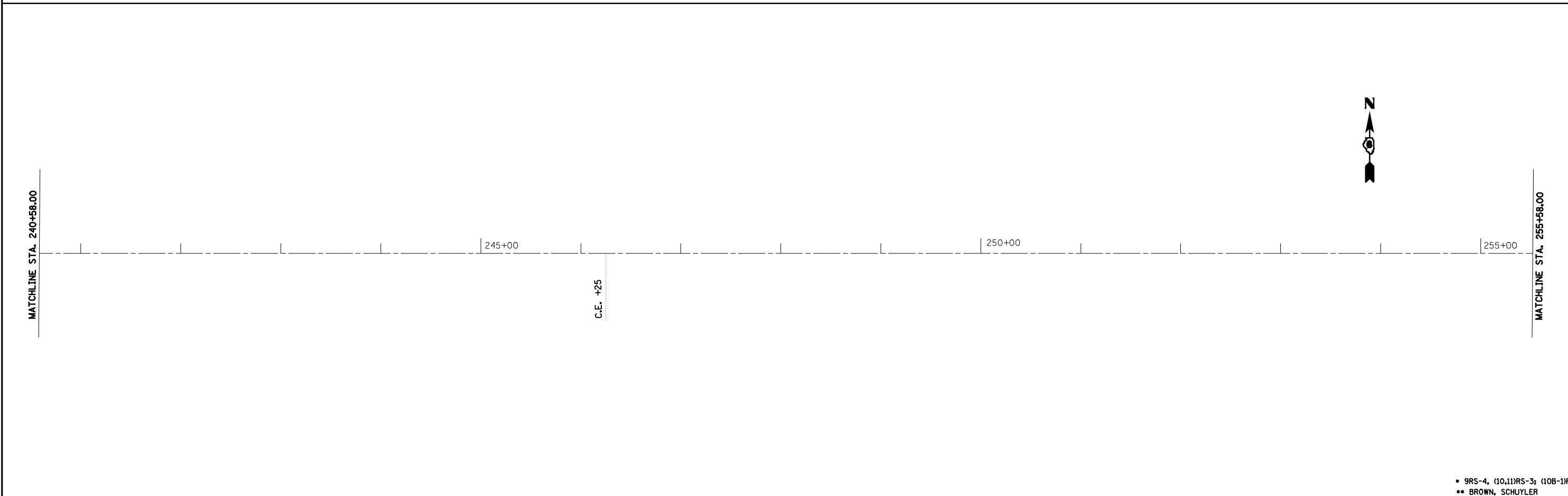


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 LINE DIAGRAM</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-ah-t-plan.dgn	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -					317	.	**	196	42
PLOT DATE = Mar-23-2010 02:00:12PM	DATE -	CHECKED -	REVISED -		CONTRACT NO. 72432							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

• 9RS-4, (10,1)DRS-3; (10B-1)R  
 •• BROWN, SCHUYLER

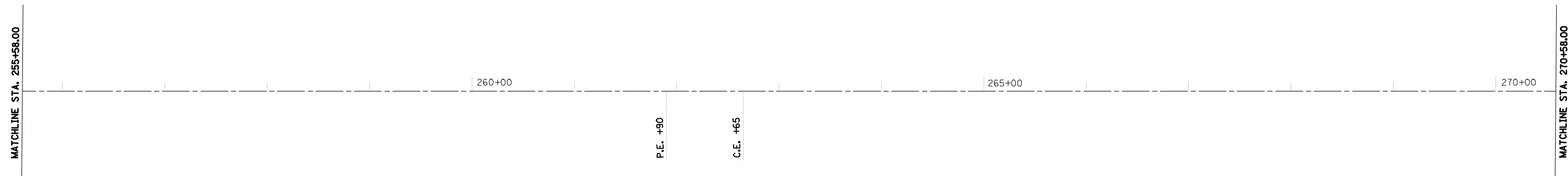


**CURVE DATA**  
 EXIST. CURVE 312  
 PI STA. 227+10.38  
 $\Delta = 10^\circ 02' 40''$  (LT)  
 $D = 1^\circ 59' 30''$   
 $R = 2,876.64'$   
 $T = 252.80'$   
 $L = 504.30'$   
 $E = 11.09'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. = 224+57.58  
 P.T. STA. = 229+61.89

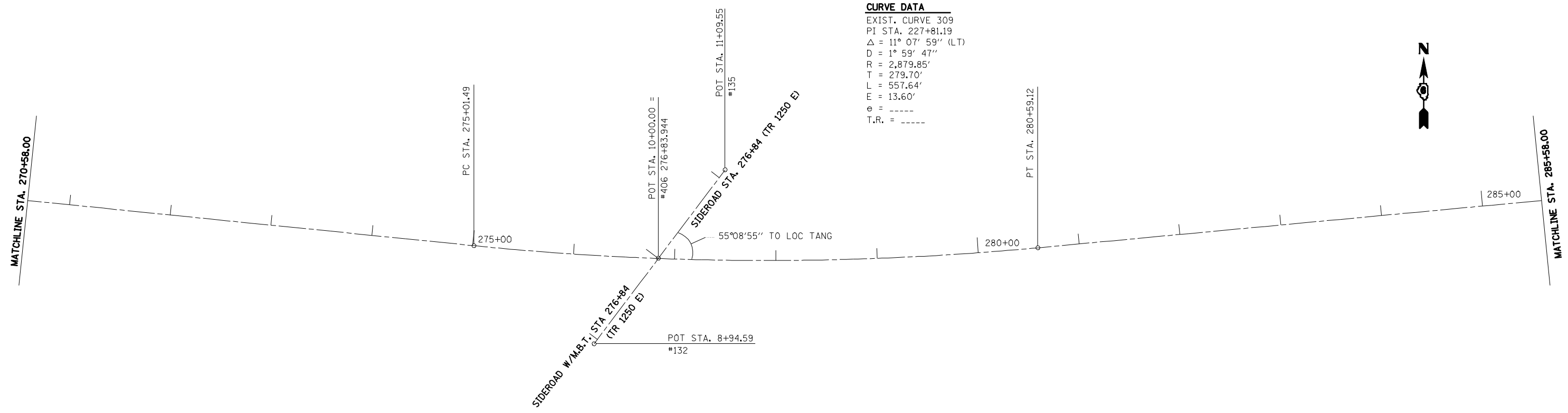


FILE NAME = e:\pwwork\PWIDOT\LAUGHLINRL\dms20637\672432-ah-t-plan.dgn USER NAME = laughlinr1		DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 LINE DIAGRAM</b>				F.A.P. RTE. 317 SECTION . COUNTY ** TOTAL SHEETS 196 SHEET NO. 43
PLOT SCALE = 100.0000' / IN. PLOT DATE = Mar-23-2010 02:00:14PM					SCALE:      SHEET NO.      OF SHEETS      STA.      TO STA.	CONTRACT NO. 72432 ILLINOIS FED. AID PROJECT			

• 9RS-4, (10.11)RS-3, (10B-1)R  
 •• BROWN, SCHUYLER



**CURVE DATA**  
 EXIST. CURVE 309  
 PI STA. 227+81.19  
 $\Delta = 11^\circ 07' 59''$  (LT)  
 $D = 1^\circ 59' 47''$   
 $R = 2,879.85'$   
 $T = 279.70'$   
 $L = 557.64'$   
 $E = 13.60'$   
 $\theta = \text{-----}$   
 $T.R. = \text{-----}$



• 9RS-4, (10,11)RS-3; (10B-1)R  
 •• BROWN, SCHUYLER

FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\dms20637\672432-ah-t-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 LINE DIAGRAM</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		317	.	**	196	44				
PLOT DATE = Mar-23-2010 02:00:16PM	CHECKED -	REVISED -	CONTRACT NO. 72432					ILLINOIS FED. AID PROJECT					
	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.					



MATCHLINE STA. 285+58.00

MATCHLINE STA. 300+58.00

P.E. W/M.B.T. +50

290+00

M.B.T. +19

P.E. +55

295+00

300+00



MATCHLINE STA. 300+58.00

MATCHLINE STA. 310+00.00

M.B.T. +45

305+00

P.E. +65

PC STA. 308+58.92

• 9RS-4, (10,11)RS-3; (10B-1)R  
•• BROWN, SCHUYLER

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\PWIDOT\LAUGHLINRL\dna20637\0672432-ah-t-plan.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-23-2010 02:00:18PM		DATE -	REVISED -

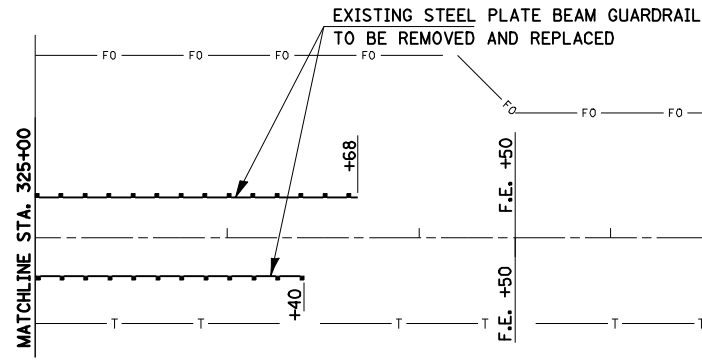
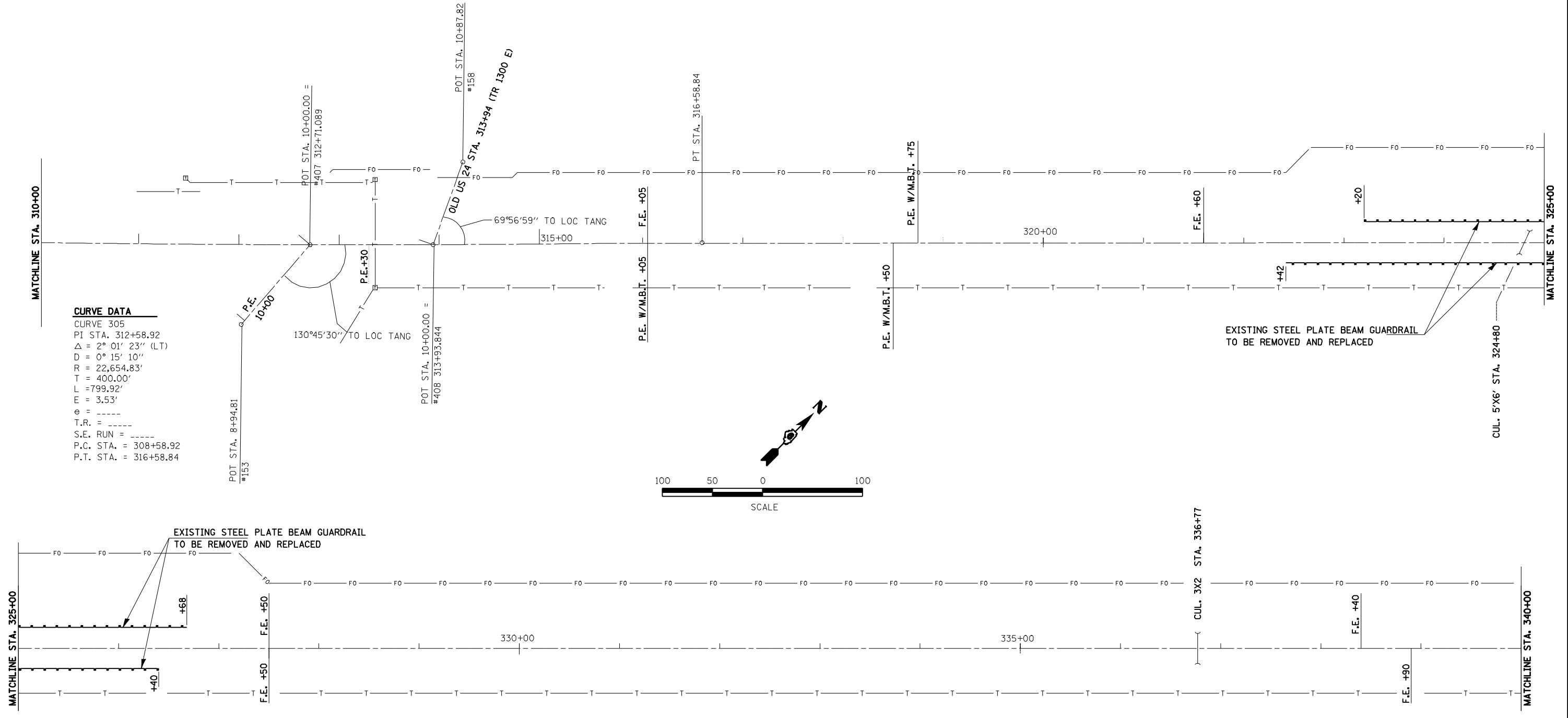
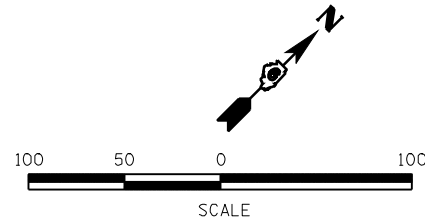
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 24 LINE DIAGRAM**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	45
CONTRACT NO. 72432			ILLINOIS FED. AID PROJECT	

**CURVE DATA**  
 CURVE 305  
 PI STA. 312+58.92  
 $\Delta = 2^\circ 01' 23''$  (LT)  
 $D = 0^\circ 15' 10''$   
 $R = 22,654.83'$   
 $T = 400.00'$   
 $L = 799.92'$   
 $E = 3.53'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 308+58.92  
 P.T. STA. = 316+58.84



• 9RS-4,10,11)RS-3(10B-1)R  
 •• BROWN AND SCHUYLER COUNTIES

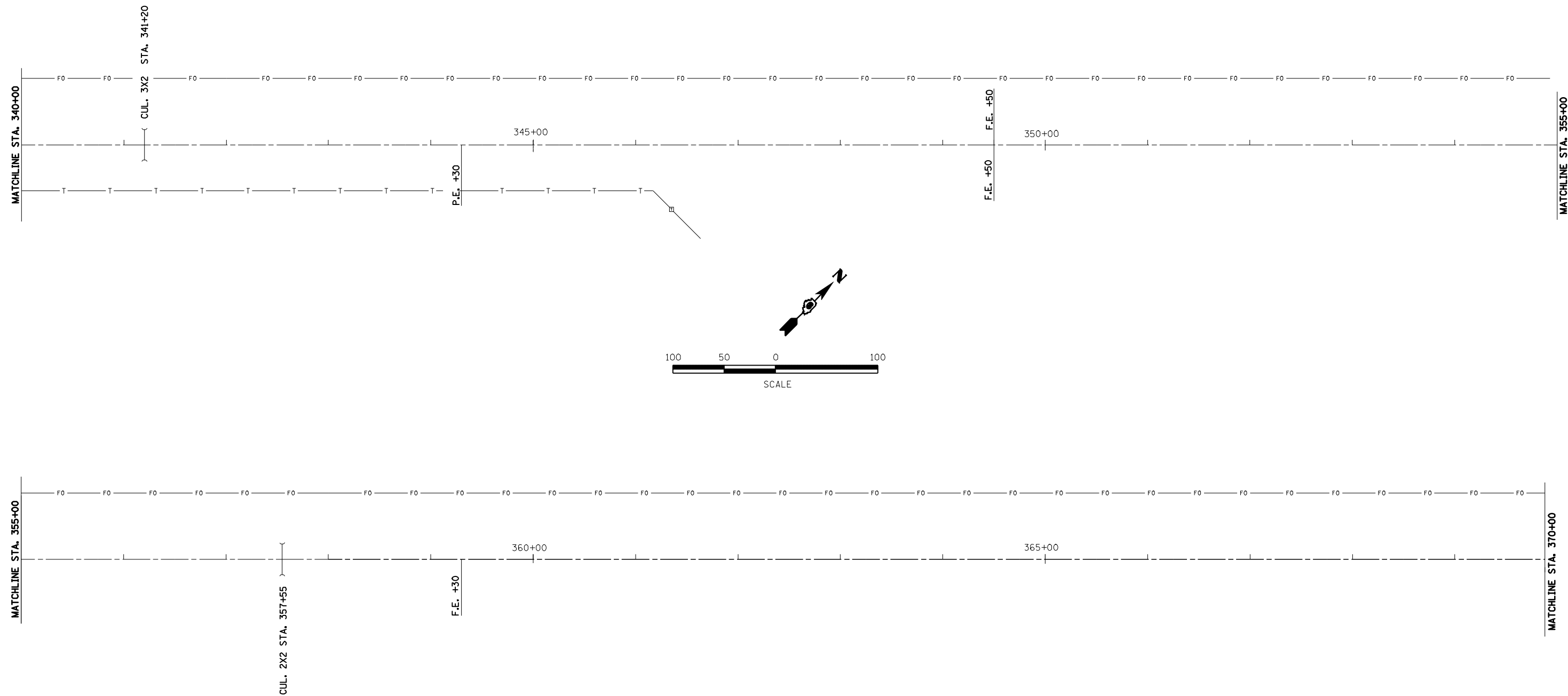
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-sht-1\inediag.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-23-2010 02:00:20PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 24 LINE DIAGRAM**

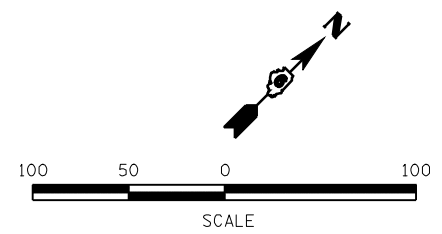
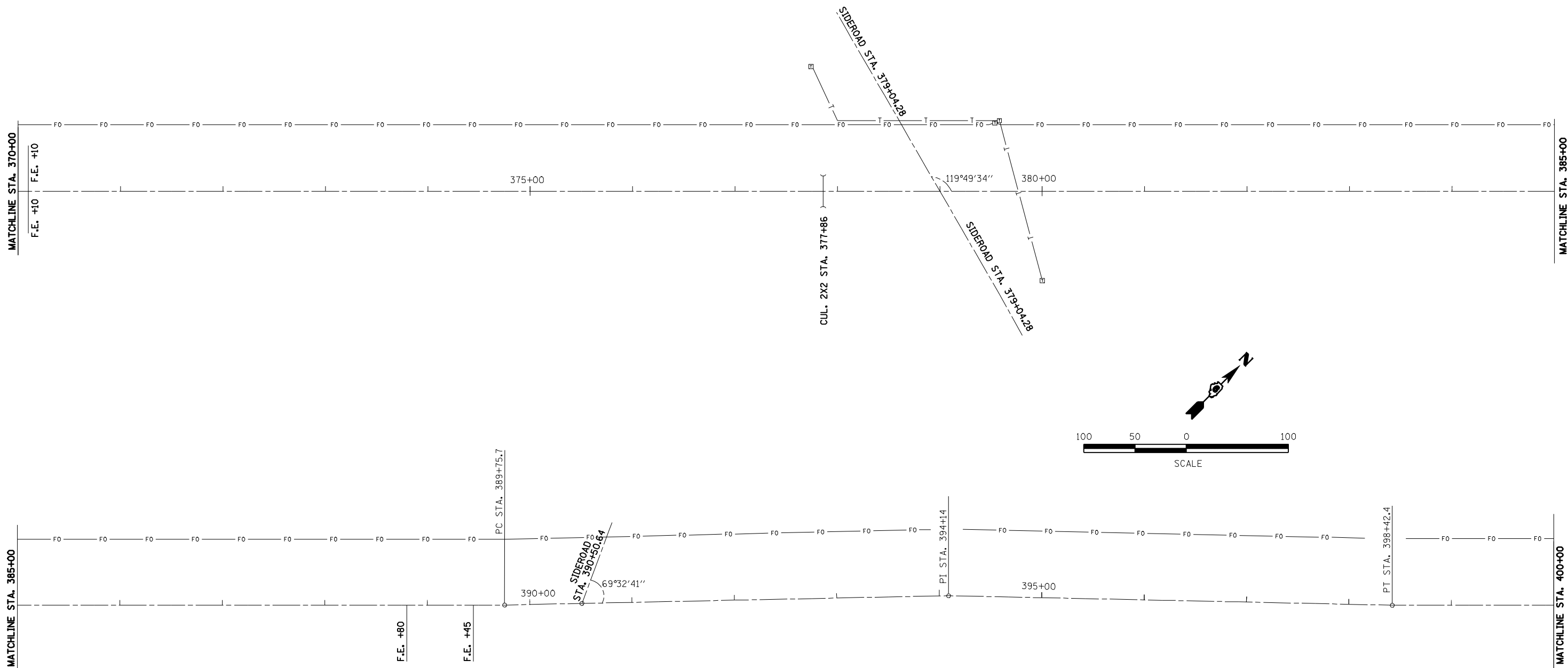
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	46
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



• 9RS-4,10,11)RS-3(10B-1)R  
 •• BROWN AND SCHUYLER COUNTIES

FILE NAME = e:\pwork\pwidot\LAUGHLINRL\dms20637\672432-ah-1\inediag.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 LINE DIAGRAM</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	317					.	••	196	47	
PLOT DATE = Mar-23-2010 02:00:22PM	DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72432						
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



CURVE DATA  
 EXIST. CURVE 300  
 PI STA. = 394+09.14  
 $\Delta$  = 1° 18' 27" (RT)  
 D = 0° 08' 56"  
 R = 38467.50'  
 T = 433.30'  
 L = 866.56'  
 E = 2.44'  
 P.C. STA. = 389+75.84  
 P.T. STA. = 398+42.40  
 NO SUPER ELEVATION

• 9RS-4(10,11)RS-3(10B-1)R  
 •• BROWN AND SCHUYLER COUNTIES

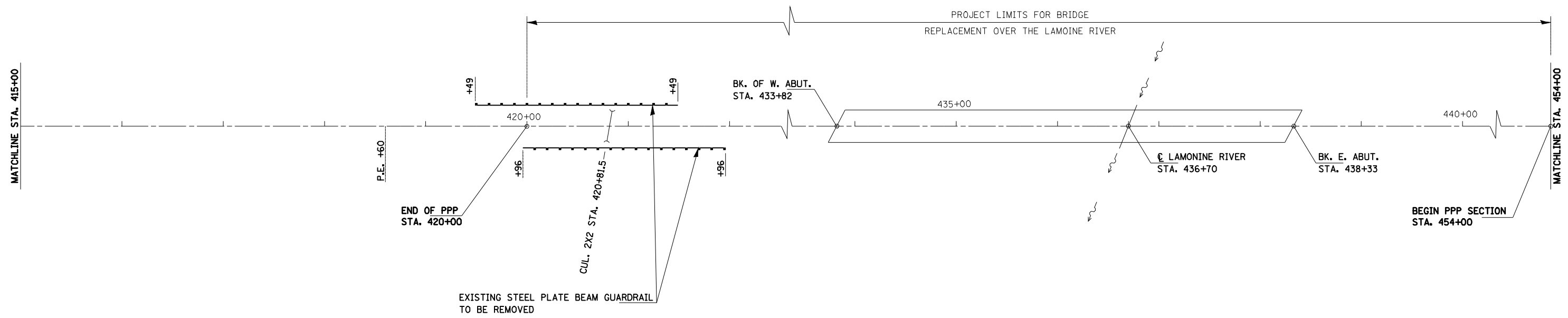
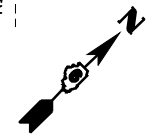
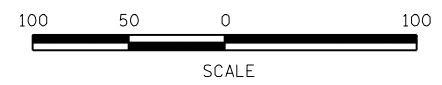
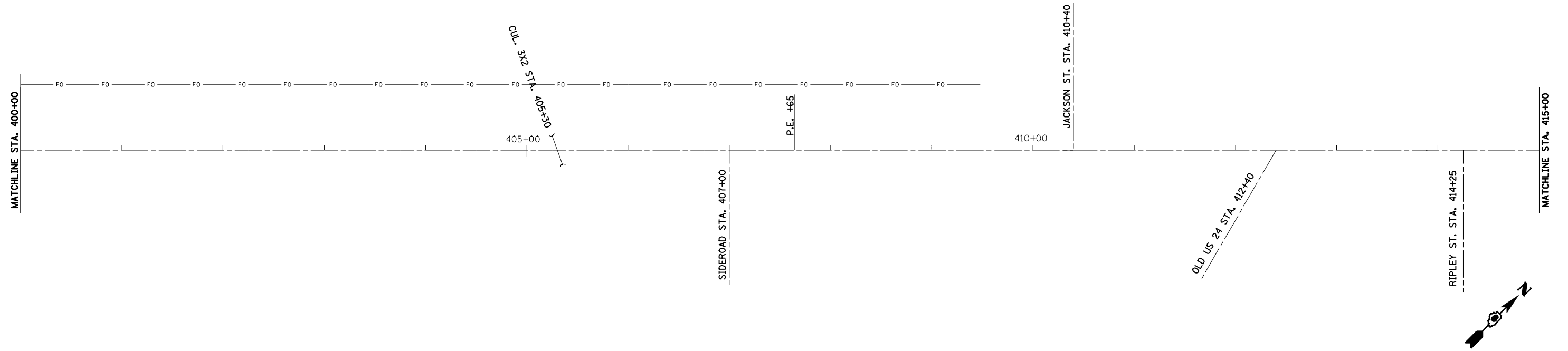
FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-shr-1\mediag.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / IN.		DRAWN -	REVISED -
PLOT DATE = Mar-23-2010 02:00:24PM		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 24 LINE DIAGRAM</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 317	SECTION •	COUNTY ••	TOTAL SHEETS 196	SHEET NO. 48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72432	





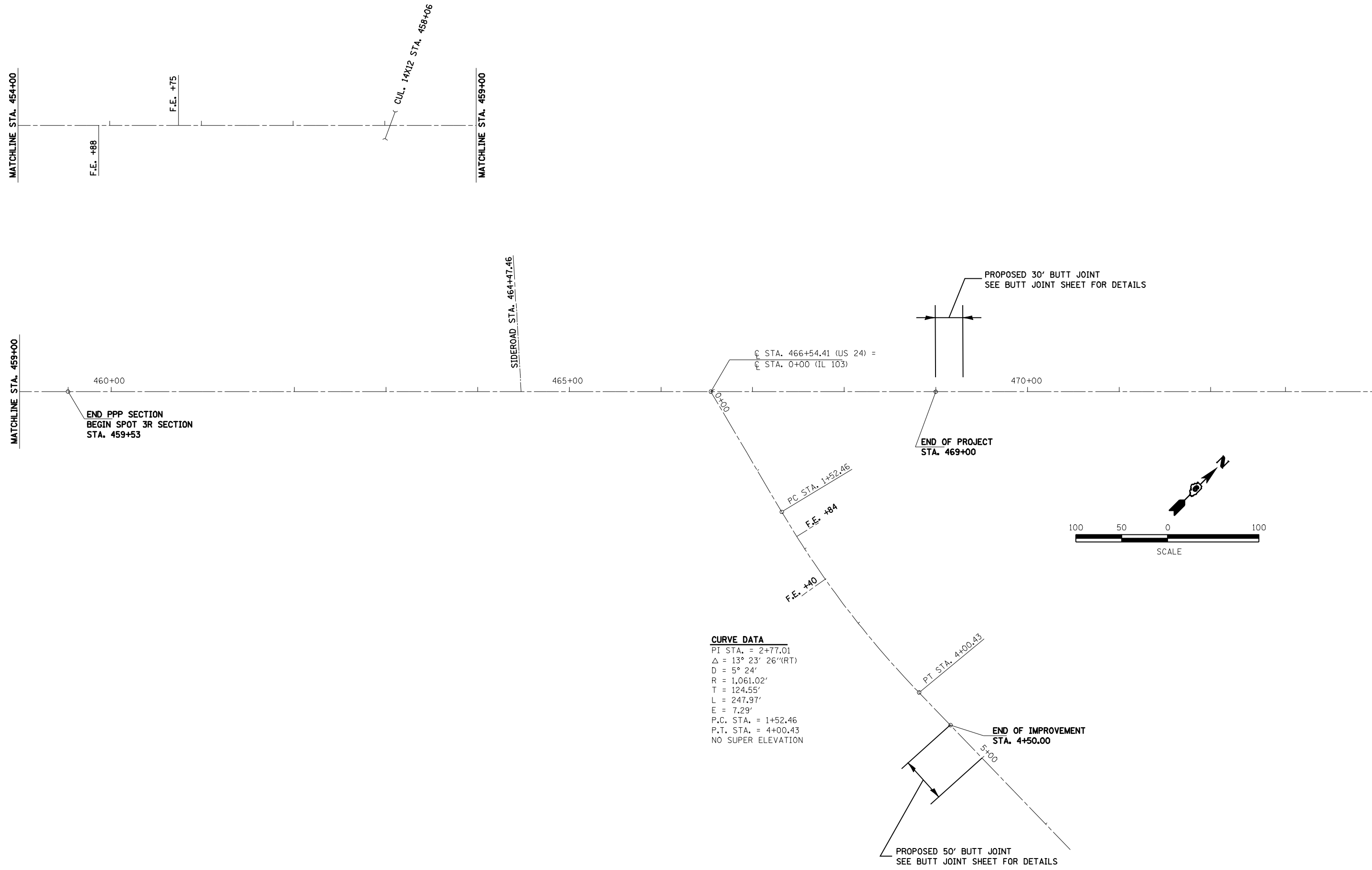
• 9RS-4,10,11RS-3(10B-1)R  
 •• BROWN AND SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwidot\LAUGHLINRL\dms20637\0672432-sht-1\inediag.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-23-2010 02:00:26PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US 24 LINE DIAGRAM</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	••	196	49
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**CURVE DATA**  
 PI STA. = 2+77.01  
 $\Delta = 13^\circ 23' 26''(RT)$   
 D = 5° 24'  
 R = 1,061.02'  
 T = 124.55'  
 L = 247.97'  
 E = 7.29'  
 P.C. STA. = 1+52.46  
 P.T. STA. = 4+00.43  
 NO SUPER ELEVATION

• 9RS-4,10,11)RS-3(10B-1)R  
 •• BROWN AND SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwork\work\PWIDOT\LAUGHLINRL\dms20637\0672432-ah-1\inediag.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-23-2010 02:00:28PM		DATE -	REVISED -

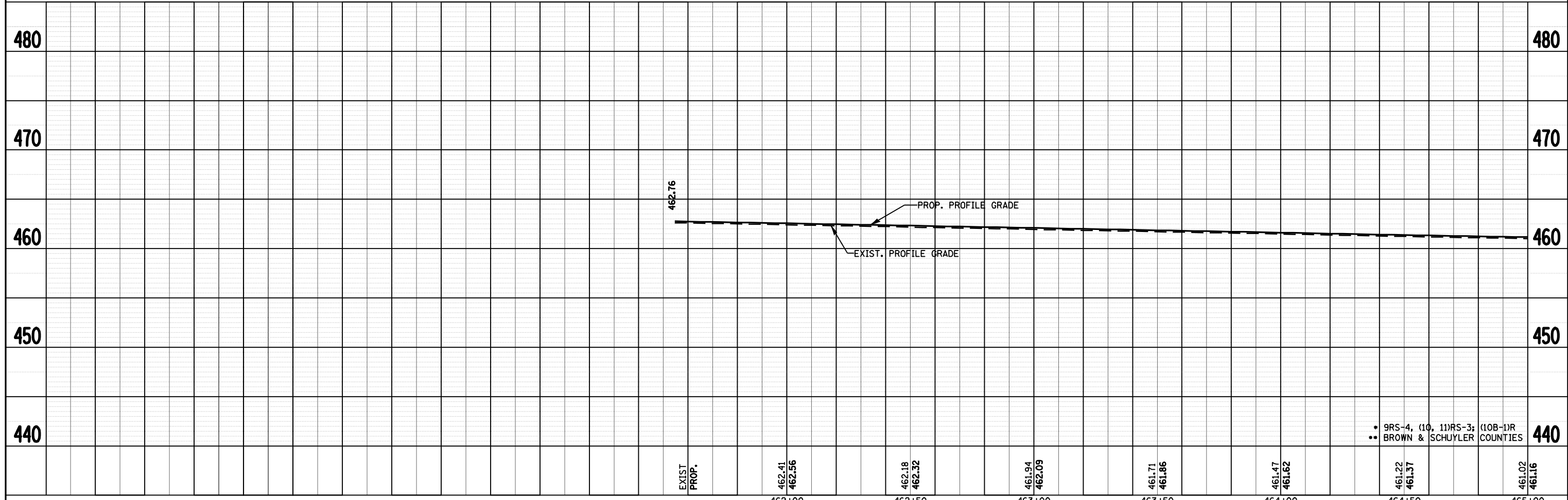
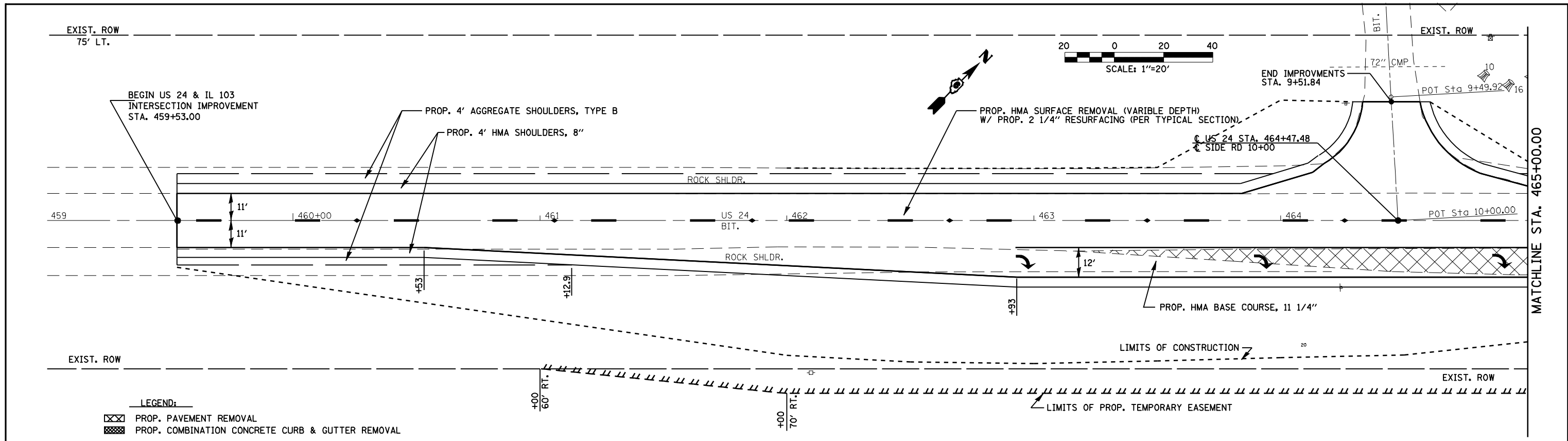
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

US 24 LINE DIAGRAM			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	**	196	50
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CADD FILE NAME		
	NO.		

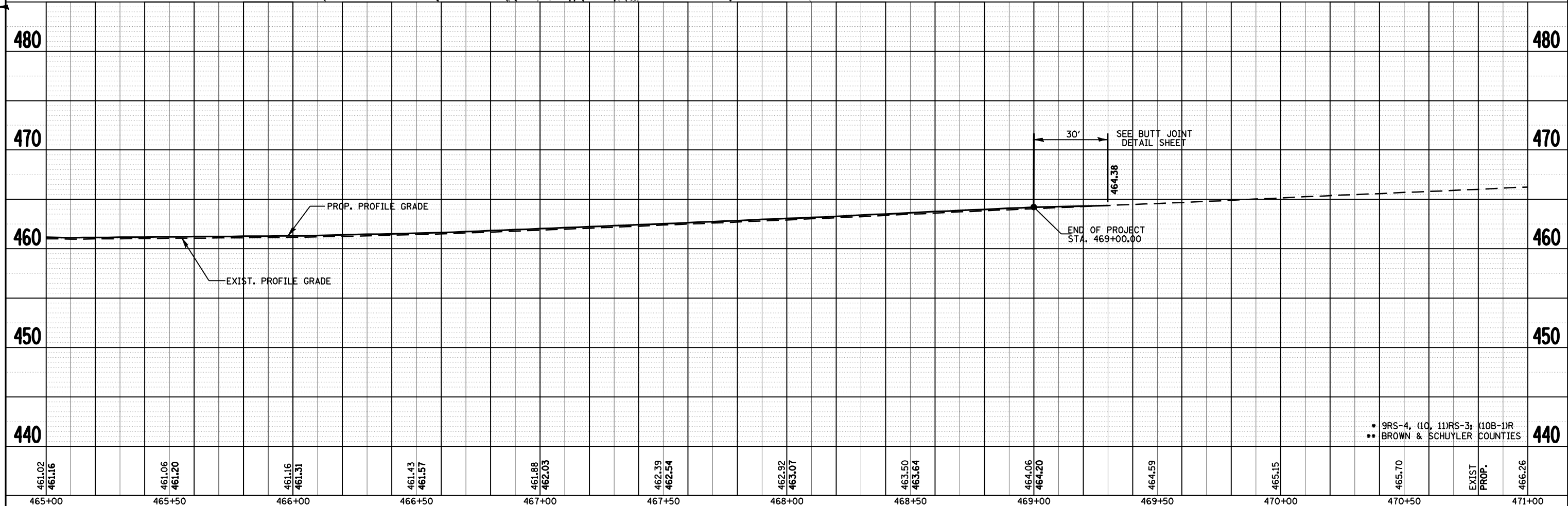
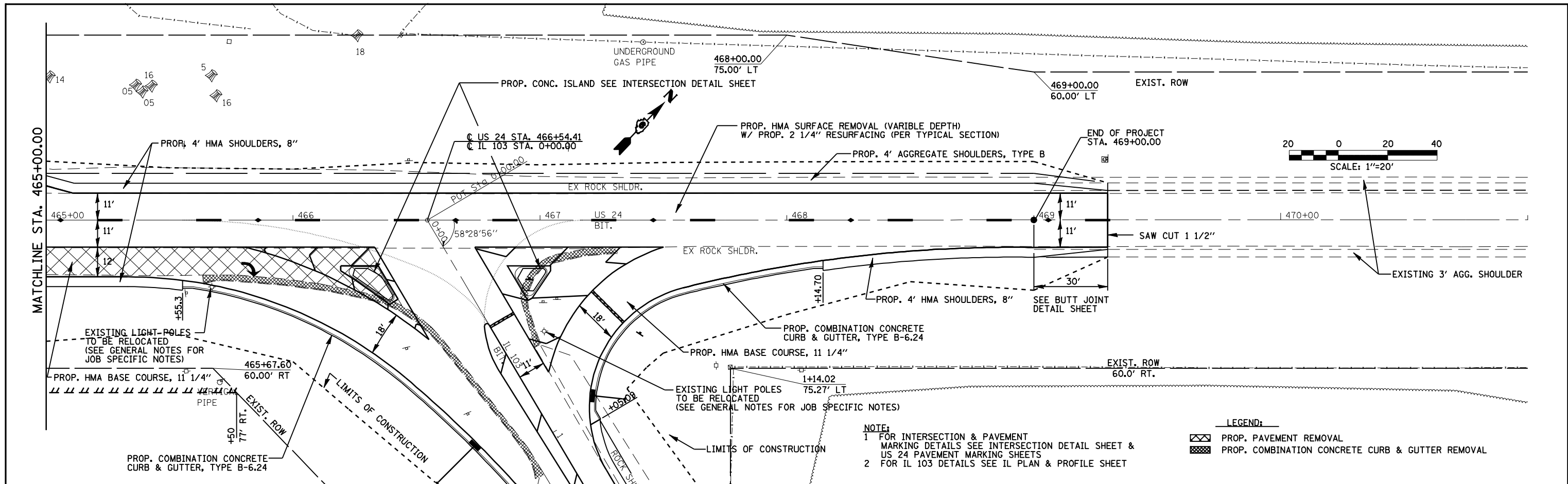
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS CHKD		
	NO.		



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 PLAN &amp; PROFILE</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwid\LAUGHLINR1\dms21580\0672432-shr-plnprf-US24.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	317	.	196	51
		CHECKED -	REVISED -		CONTRACT NO. 72432								
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	



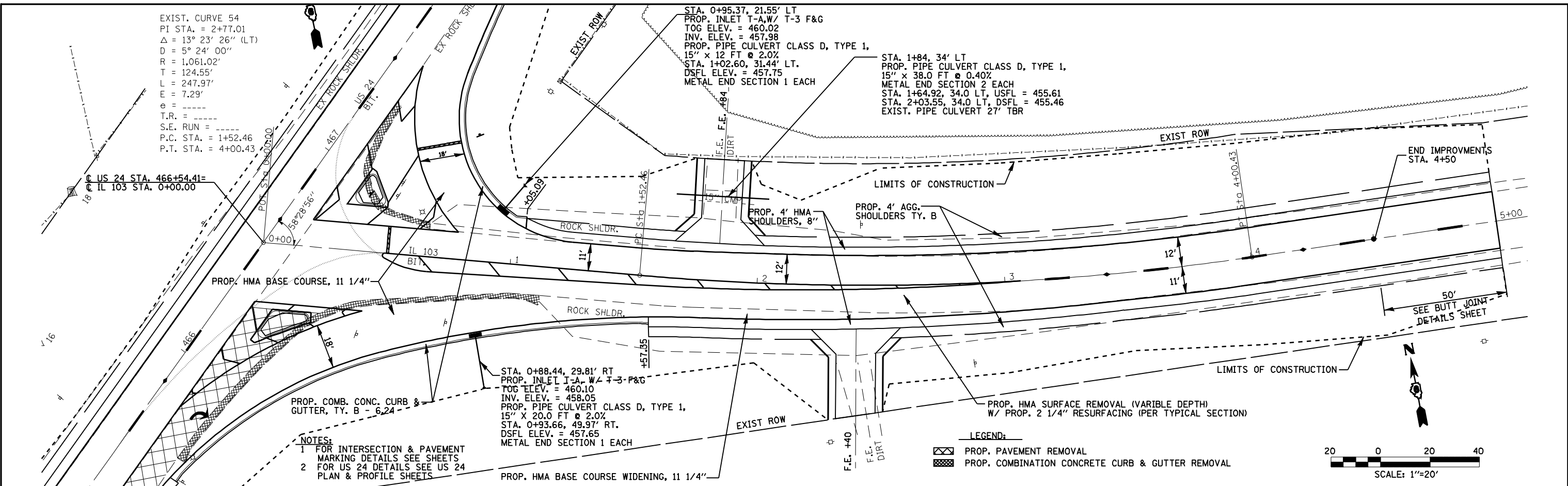
465+00	465+50	466+00	466+50	467+00	467+50	468+00	468+50	469+00	469+50	470+00	470+50	471+00																			
461.02 461.16	461.06 461.20	461.16 461.31	461.43 461.57	461.88 462.03	462.39 462.54	462.92 463.07	463.50 463.64	464.06 464.20	464.59	465.15	465.70	466.26																			
<table border="0"> <tr> <td>FILE NAME =</td> <td>USER NAME = laughlinr1</td> <td>DESIGNED -</td> <td>REVISED -</td> </tr> <tr> <td>c:\pwork\PWIDOT\LAUGHLINR\dm21580\672432-shr-plnpr-f-US24.dgn</td> <td></td> <td>DRAWN -</td> <td>REVISED -</td> </tr> <tr> <td></td> <td></td> <td>CHECKED -</td> <td>REVISED -</td> </tr> <tr> <td></td> <td></td> <td>DATE -</td> <td>REVISED -</td> </tr> </table>												FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	c:\pwork\PWIDOT\LAUGHLINR\dm21580\672432-shr-plnpr-f-US24.dgn		DRAWN -	REVISED -			CHECKED -	REVISED -			DATE -	REVISED -				
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -																												
c:\pwork\PWIDOT\LAUGHLINR\dm21580\672432-shr-plnpr-f-US24.dgn		DRAWN -	REVISED -																												
		CHECKED -	REVISED -																												
		DATE -	REVISED -																												
<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>US 24 PLAN &amp; PROFILE</b>				<table border="0"> <tr> <td>F.A.P. RTE.</td> <td>SECTION</td> <td>COUNTY</td> <td>TOTAL SHEETS</td> <td>SHEET NO.</td> </tr> <tr> <td>317</td> <td>.</td> <td>**</td> <td>196</td> <td>52</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 72432</td> </tr> <tr> <td colspan="2">SCALE:</td> <td>SHEET NO.</td> <td>OF SHEETS</td> <td>STA. TO STA.</td> </tr> </table>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	317	.	**	196	52	CONTRACT NO. 72432					SCALE:		SHEET NO.	OF SHEETS	STA. TO STA.
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																											
317	.	**	196	52																											
CONTRACT NO. 72432																															
SCALE:		SHEET NO.	OF SHEETS	STA. TO STA.																											
<table border="0"> <tr> <td>FED. ROAD DIST. NO.</td> <td>ILLINOIS FED. AID PROJECT</td> </tr> </table>												FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT																		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT																														

• 9RS-4, (10, 11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PLAN  
 SUBMITTED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 FILE NAME \_\_\_\_\_

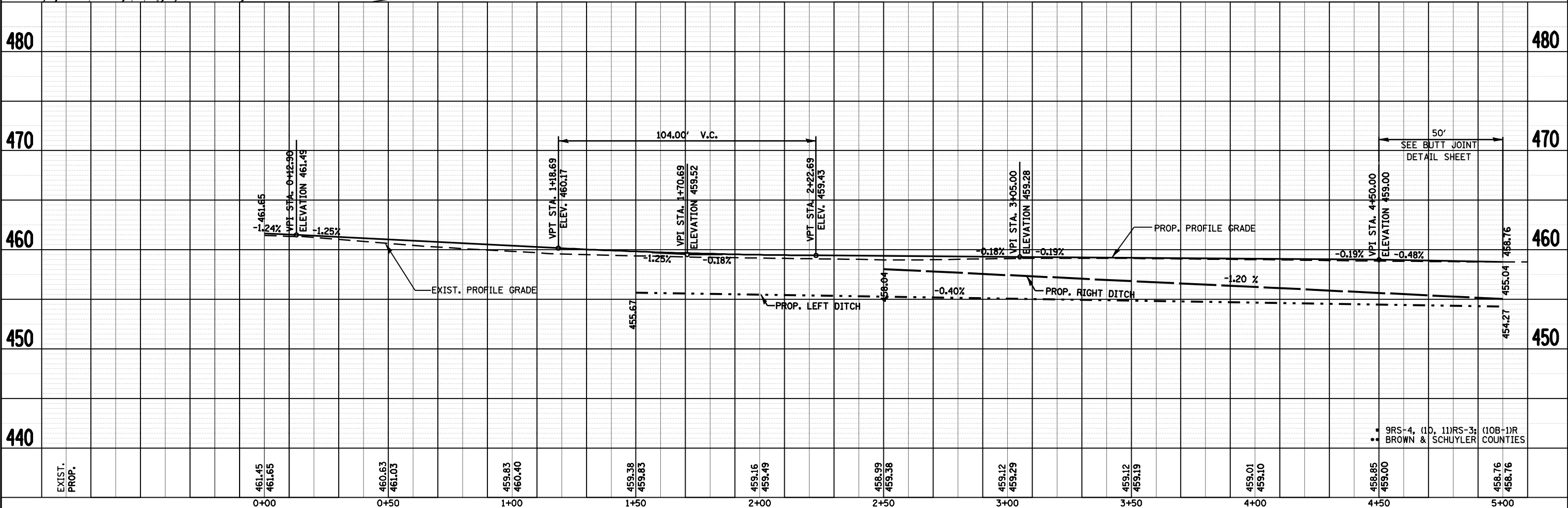
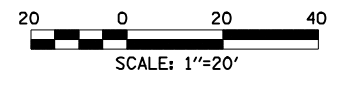
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PROFILE  
 SUBMITTED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHKD \_\_\_\_\_

EXIST. CURVE 54  
 PI STA. = 2+77.01  
 $\Delta = 13^\circ 23' 26''$  (LT)  
 $D = 5^\circ 24' 00''$   
 $R = 1,061.02'$   
 $T = 124.55'$   
 $L = 247.97'$   
 $E = 7.29'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 1+52.46$   
 $P.T. STA. = 4+00.43$



NOTES:  
 1 FOR INTERSECTION & PAVEMENT MARKING DETAILS SEE SHEETS  
 2 FOR US 24 DETAILS SEE US 24 PLAN & PROFILE SHEETS

LEGEND:  
  
 PROP. PAVEMENT REMOVAL  
 PROP. COMBINATION CONCRETE CURB & GUTTER REMOVAL



EXIST. PROP.	0+00	0+50	1+00	1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00
	461.45	460.63	459.83	459.38	459.16	458.99	459.12	459.12	459.01	458.85	458.76
	461.65	461.03	460.40	459.83	459.49	459.38	459.29	459.19	459.10	459.00	458.76

9RS-4, (10, 11)RS-3, (10B-1)R BROWN & SCHUYLER COUNTIES

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

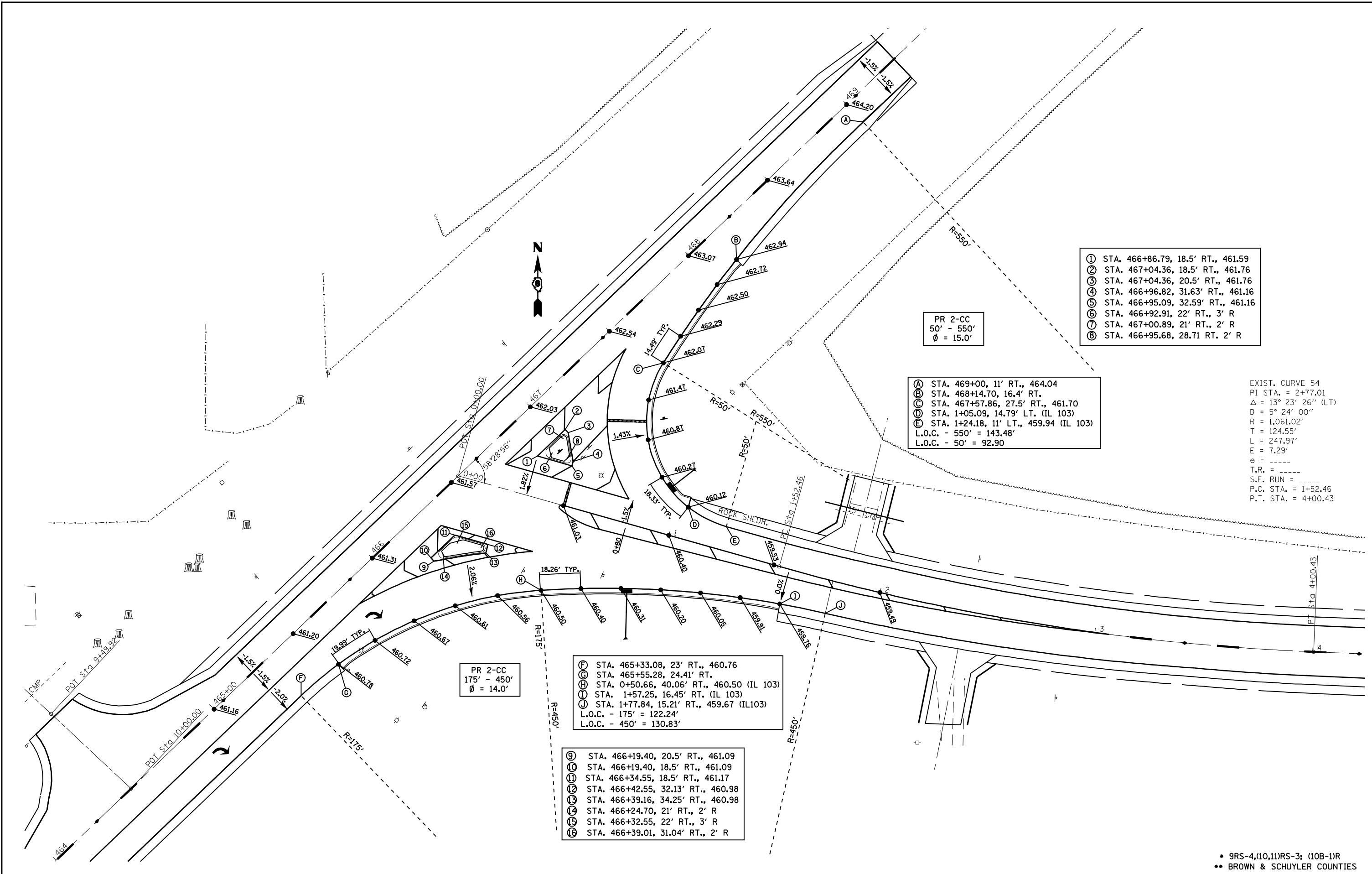
IL 103 PLAN & PROFILE

FILE NAME =  
 USER NAME = laughlinr1  
 DRAWN -  
 CHECKED -  
 DATE -

DESIGNED -  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:

F.A.P. RTE. 317  
 SECTION .  
 COUNTY .  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

TOTAL SHEETS 196  
 SHEET NO. 53  
 CONTRACT NO. 72432  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



- ① STA. 466+86.79, 18.5' RT., 461.59
- ② STA. 467+04.36, 18.5' RT., 461.76
- ③ STA. 467+04.36, 20.5' RT., 461.76
- ④ STA. 466+96.82, 31.63' RT., 461.16
- ⑤ STA. 466+95.09, 32.59' RT., 461.16
- ⑥ STA. 466+92.91, 22' RT., 3' R
- ⑦ STA. 467+00.89, 21' RT., 2' R
- ⑧ STA. 466+95.68, 28.71 RT. 2' R

PR 2-CC  
50' - 550'  
Ø = 15.0'

- A STA. 469+00, 11' RT., 464.04
- B STA. 468+14.70, 16.4' RT.
- C STA. 467+57.86, 27.5' RT., 461.70
- D STA. 1+05.09, 14.79' LT. (IL 103)
- E STA. 1+24.18, 11' LT., 459.94 (IL 103)
- L.O.C. - 550' = 143.48'
- L.O.C. - 50' = 92.90

EXIST. CURVE 54  
PI STA. = 2+77.01  
Δ = 13° 23' 26" (LT)  
D = 5° 24' 00"  
R = 1,061.02'  
T = 124.55'  
L = 247.97'  
E = 7.29'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 1+52.46  
P.T. STA. = 4+00.43

PR 2-CC  
175' - 450'  
Ø = 14.0'

- F STA. 465+33.08, 23' RT., 460.76
- G STA. 465+55.28, 24.41' RT.
- H STA. 0+50.66, 40.06' RT., 460.50 (IL 103)
- I STA. 1+57.25, 16.45' RT. (IL 103)
- J STA. 1+77.84, 15.21' RT., 459.67 (IL103)
- L.O.C. - 175' = 122.24'
- L.O.C. - 450' = 130.83'

- 9 STA. 466+19.40, 20.5' RT., 461.09
- 10 STA. 466+19.40, 18.5' RT., 461.09
- 11 STA. 466+34.55, 18.5' RT., 461.17
- 12 STA. 466+42.55, 32.13' RT., 460.98
- 13 STA. 466+39.16, 34.25' RT., 460.98
- 14 STA. 466+24.70, 21' RT., 2' R
- 15 STA. 466+32.55, 22' RT., 3' R
- 16 STA. 466+39.01, 31.04' RT., 2' R

• 9RS-4,(10,11)RS-3; (10B-1)R  
•• BROWN & SCHUYLER COUNTIES

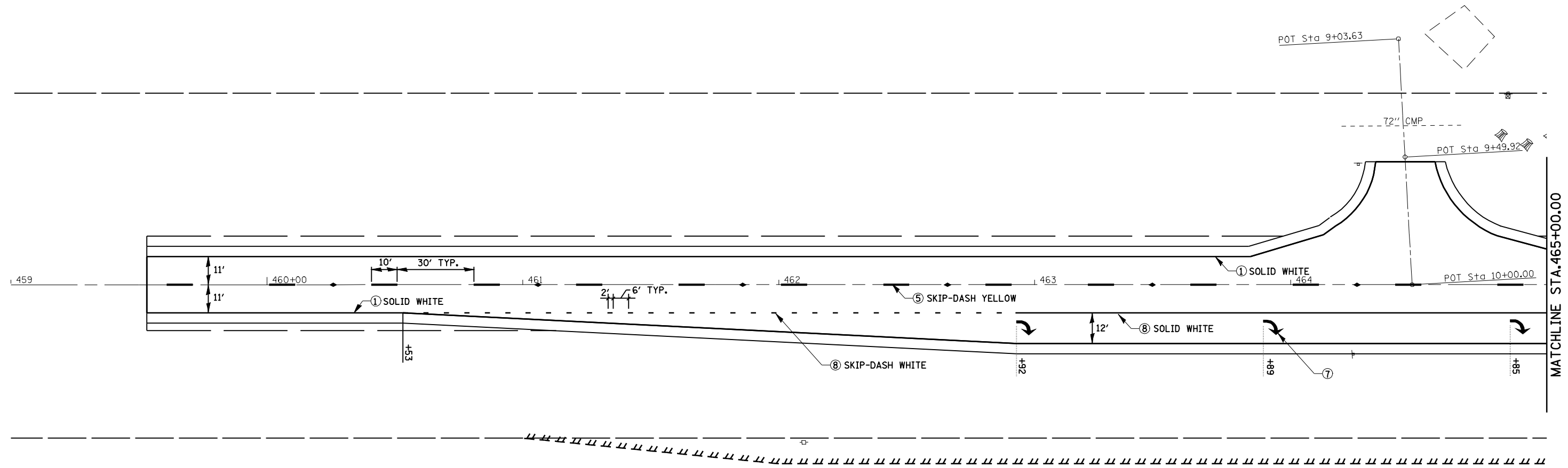
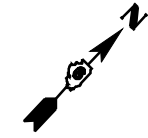
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwork\pwidot\LAUGHLINRL\dna21580\1072432-ah-intersec.dgn		DRAWN -	REVISED -
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-23-2010 02:00:48PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	••	196	54
CONTRACT NO. 72432				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

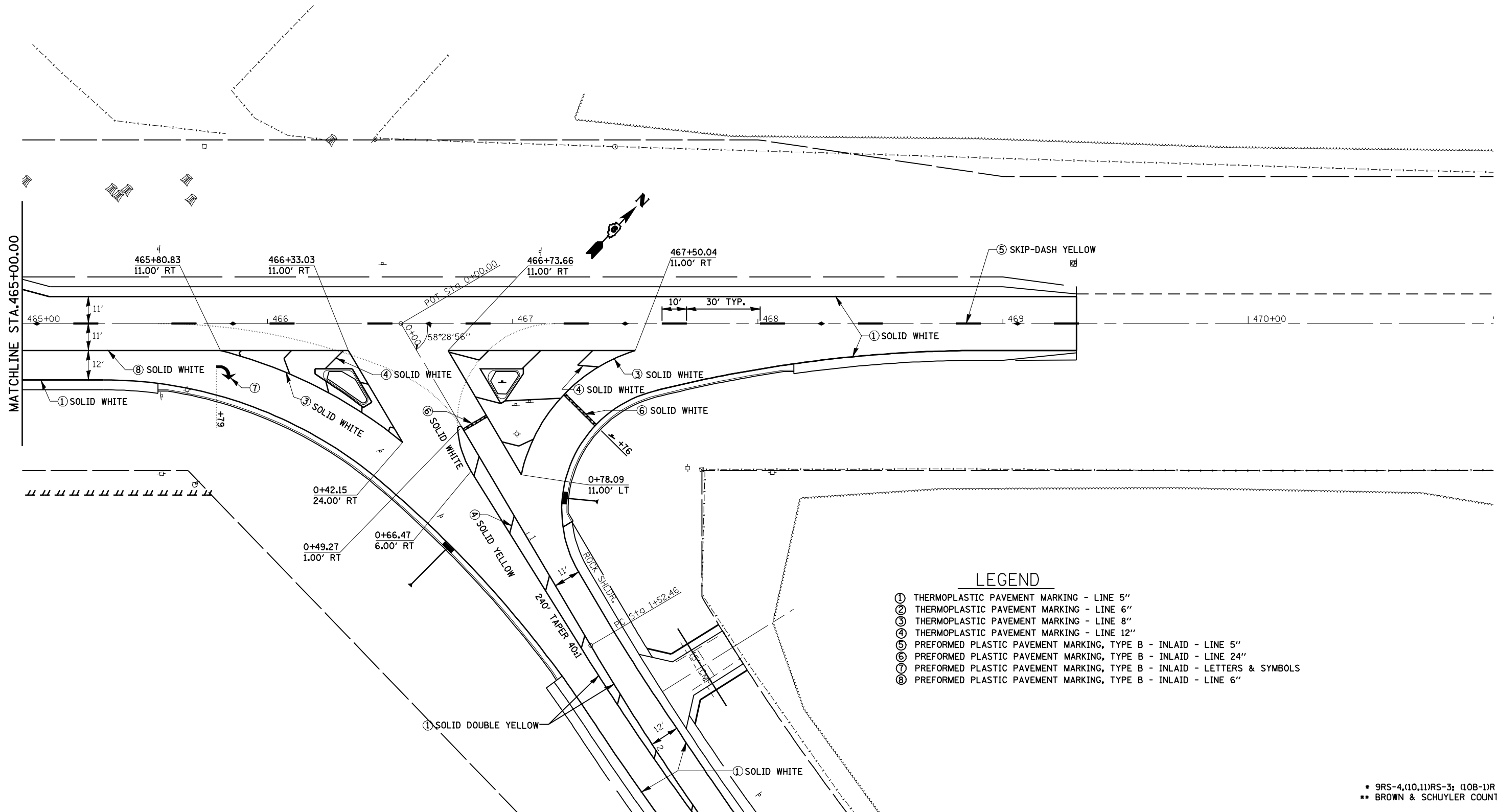


**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 24 PAVEMENT MARKING</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwork\PWIDOT\LAUGHLINRL\dms21580\0672432-aht-pmk.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	317	.	196	55
	PLOT SCALE = 40.0001' / IN.	CHECKED -	REVISED -						<b>CONTRACT NO. 72432</b>					
	PLOT DATE = Mar-23-2010 02:00:50PM	DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



- LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
  - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
  - ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"
  - ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"
  - ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS
  - ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
er:\pwork\PWIDOT\LAUGHLINRL\dna21580\0672432-aht-pmk.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0001" / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-23-2010 02:00:53PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 24 PAVEMENT MARKING**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	56
CONTRACT NO. 72432				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

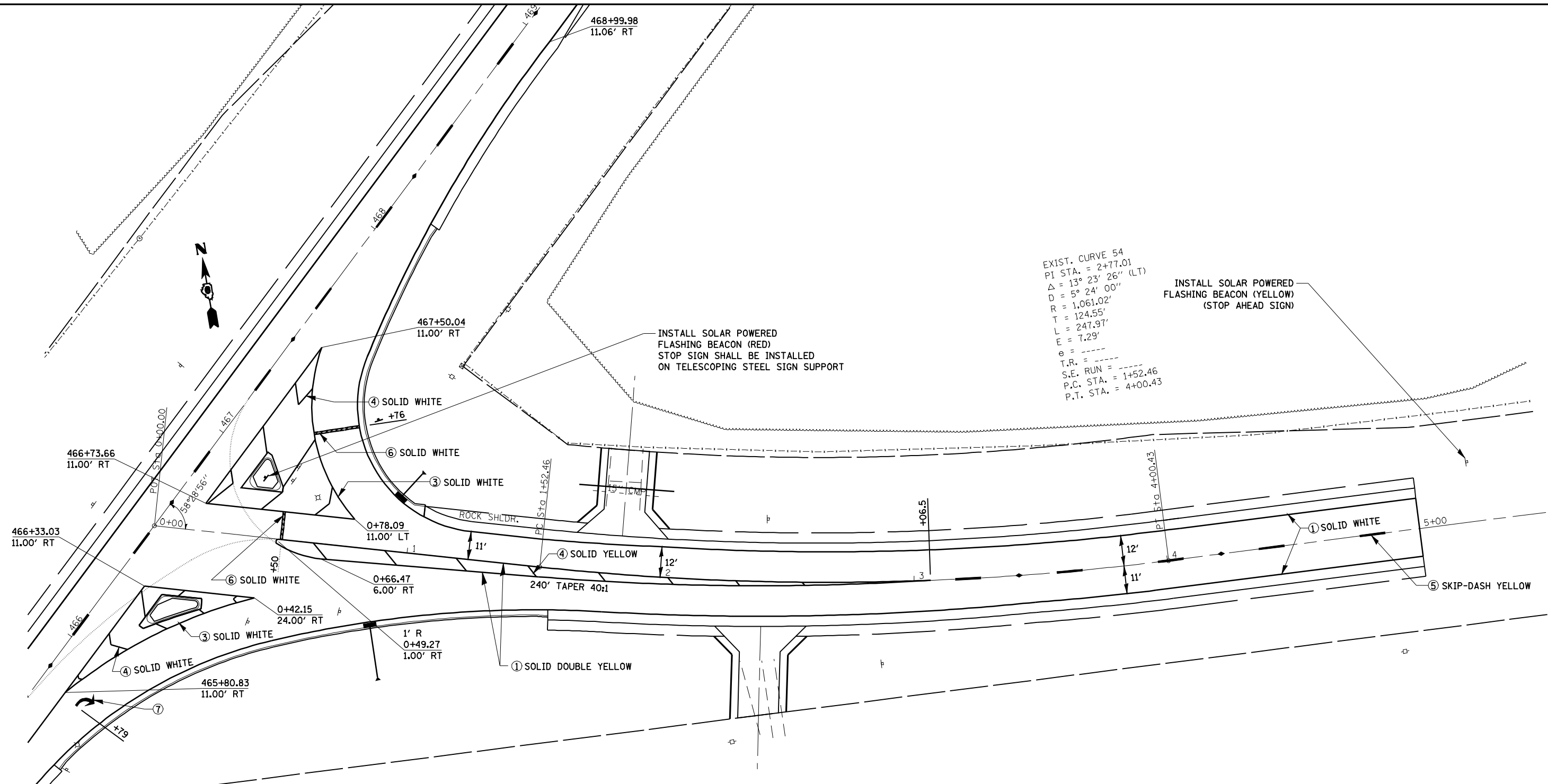
SCALE: SHEET NO. OF SHEETS STA. TO STA.



EXIST. CURVE 54  
 PI STA. = 2+77.01  
 $\Delta = 13^\circ 23' 26''$  (LT)  
 $D = 5^\circ 24' 00''$   
 $R = 1,061.02'$   
 $T = 124.55'$   
 $L = 247.97'$   
 $E = 7.29'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. \text{ RUN} = \text{---}$   
 $P.C. \text{ STA.} = 1+52.46$   
 $P.T. \text{ STA.} = 4+00.43$

INSTALL SOLAR POWERED  
 FLASHING BEACON (YELLOW)  
 (STOP AHEAD SIGN)

INSTALL SOLAR POWERED  
 FLASHING BEACON (RED)  
 STOP SIGN SHALL BE INSTALLED  
 ON TELESCOPING STEEL SIGN SUPPORT



**LEGEND**

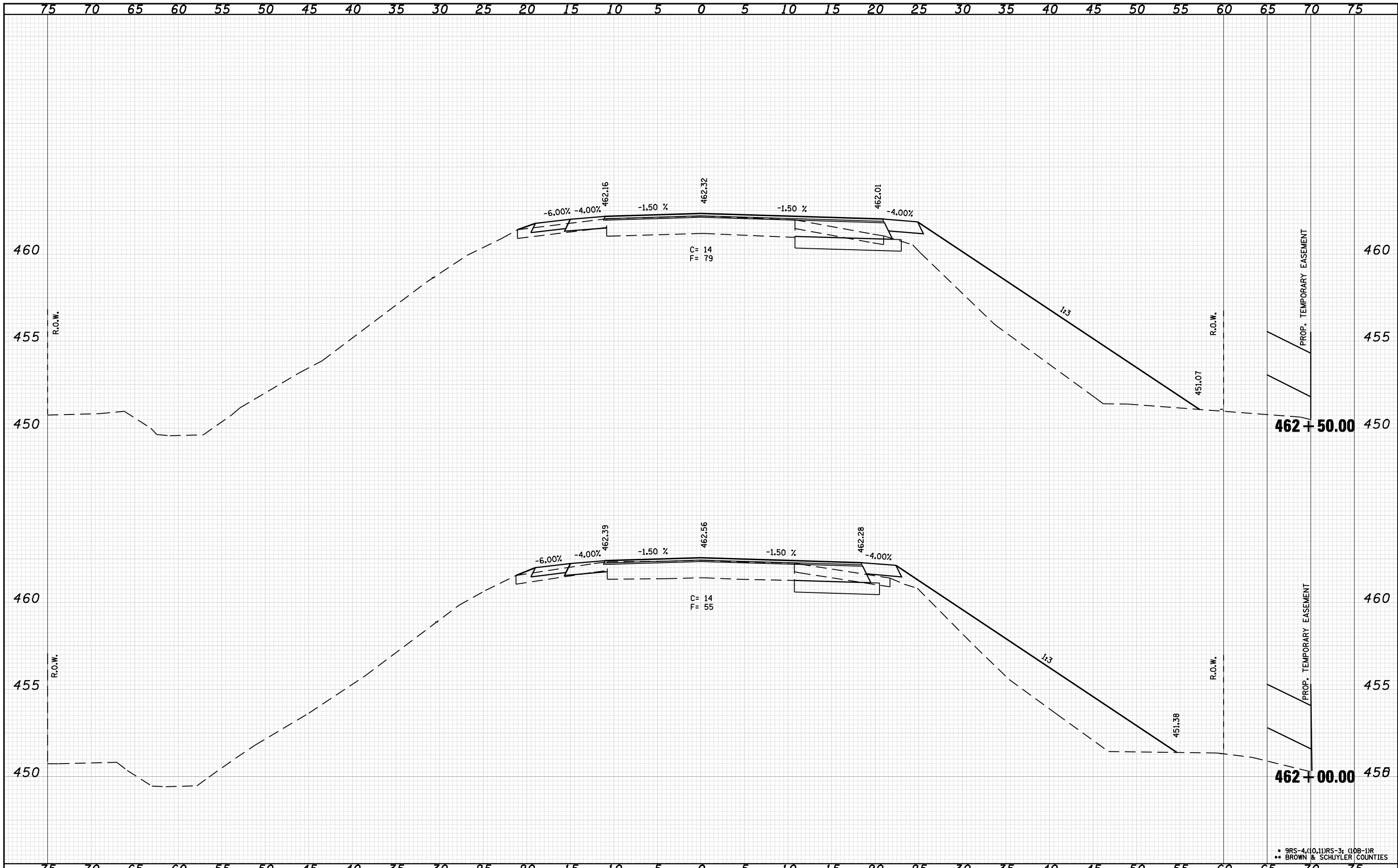
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS
- ⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 103 PAVEMENT MARKING</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\dms21580\0672432-ah-t-pmk.dgn		DRAWN -	REVISED -		317	.	**	196	57				
PLOT SCALE = 48.0001" / IN.		CHECKED -	REVISED -		CONTRACT NO. 72432								
PLOT DATE = Mar-23-2010 02:00:55PM		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT							

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

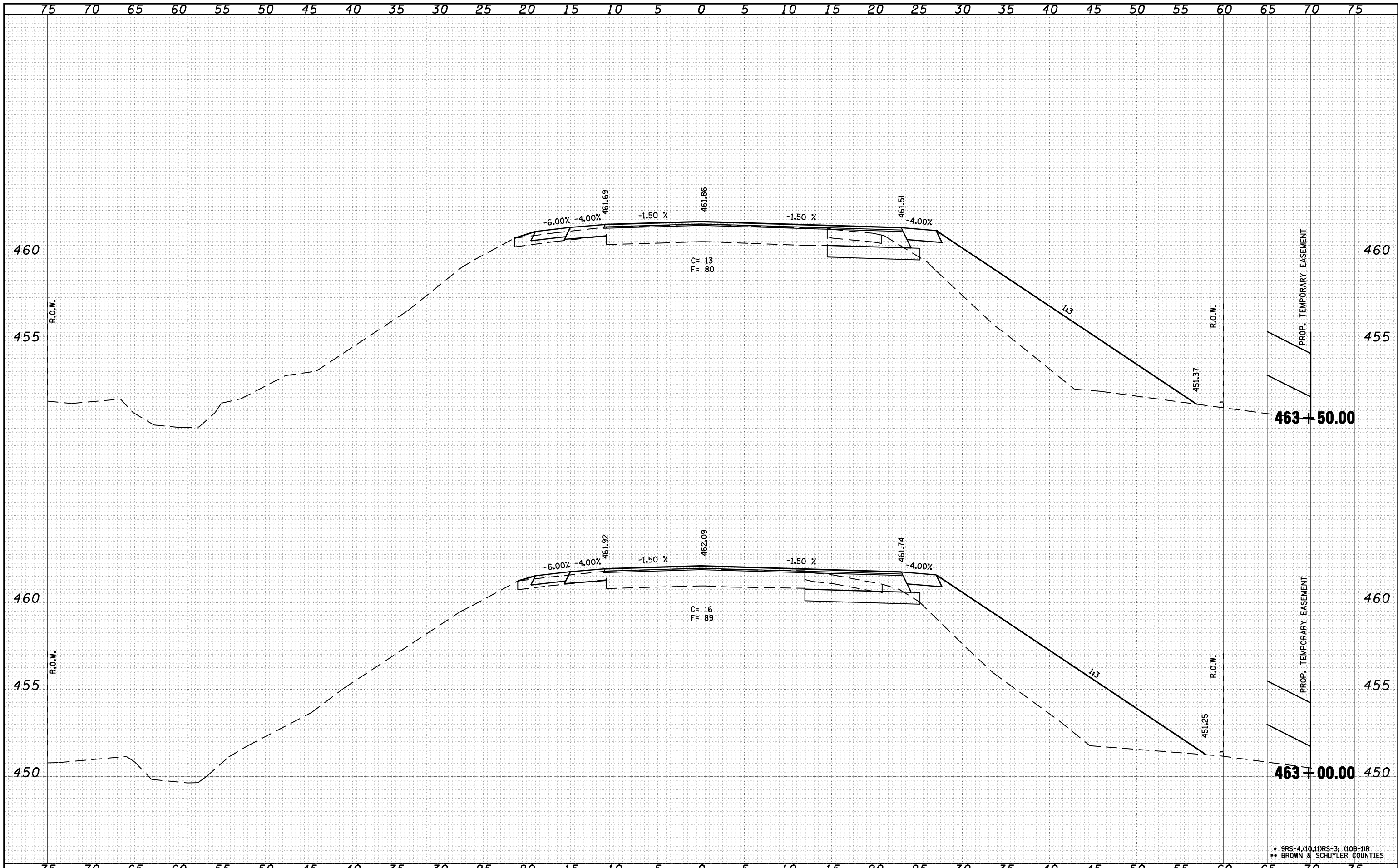


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION US 24</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\LAUGHLINR1\dms21580\1672432\shht-xasht-US24.dgn		DRAWN -	REVISIED -			317	.	**	196	58
	PLOT SCALE = 10,0000 ' / IN.	CHECKED -	REVISIED -			CONTRACT NO. 72432				
	PLOT DATE = Mar-23-2010 02:01:02PM	DATE -	REVISIED -			SCALE:	SHEET NO. OF SHEETS	STA. 462+00.00 TO STA. 462+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

• 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

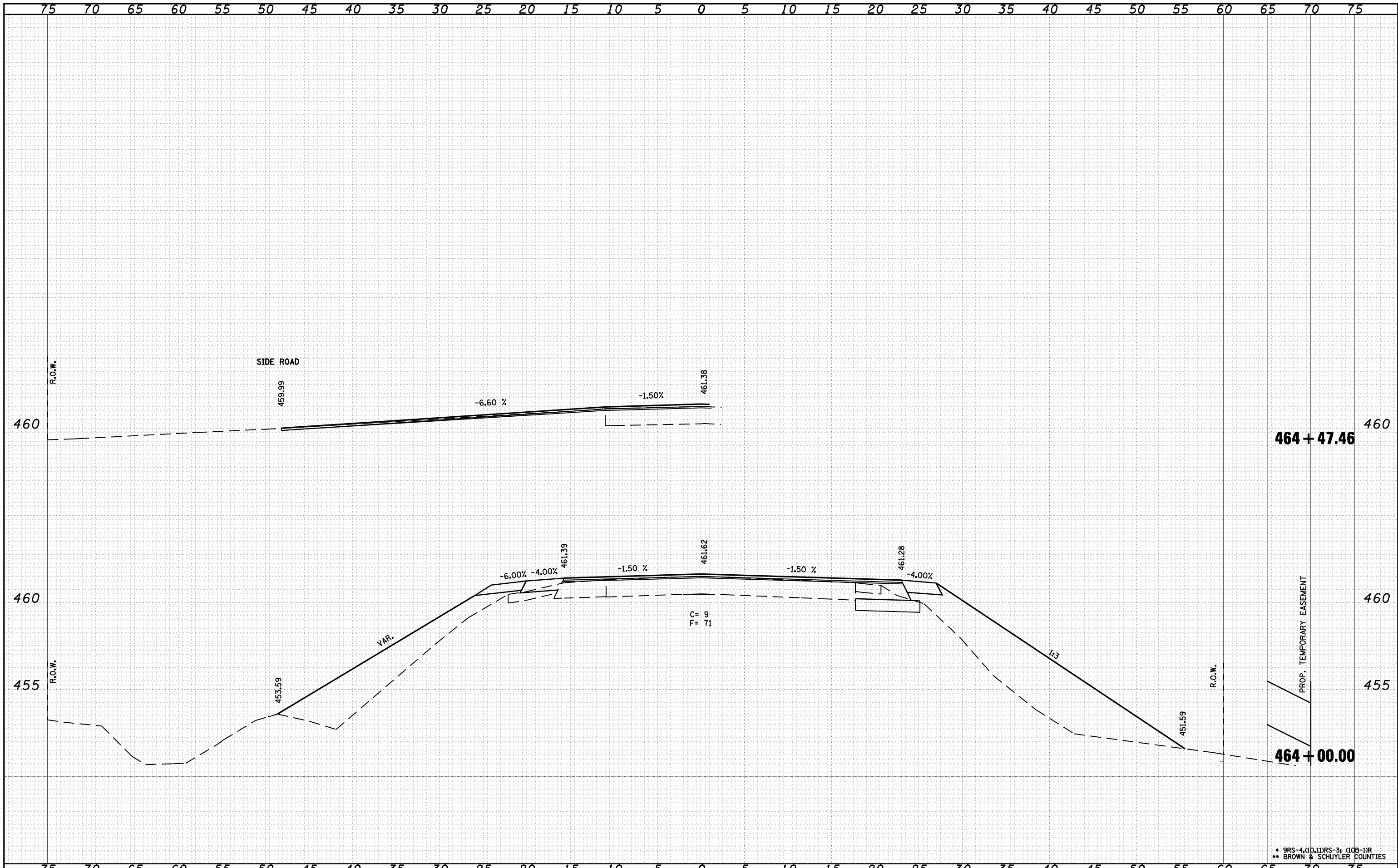


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION US 24</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\LAUGHLINR1\dms21580\672432\shht-xasht-US24.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN -	REVISIED -			317	.	**	196	59
PLOT DATE = Mar-23-2010 02:01:08PM	DATE -	CHECKED -	REVISIED -			CONTRACT NO. 72432				
		DATE -	REVISIED -			SCALE:	SHEET NO. OF SHEETS	STA. 463+00.00 TO STA. 463+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

\* 9RS-4.10.11RS-3; 10B-1R  
 \*\* BROWN & SCHUYLER COUNTIES

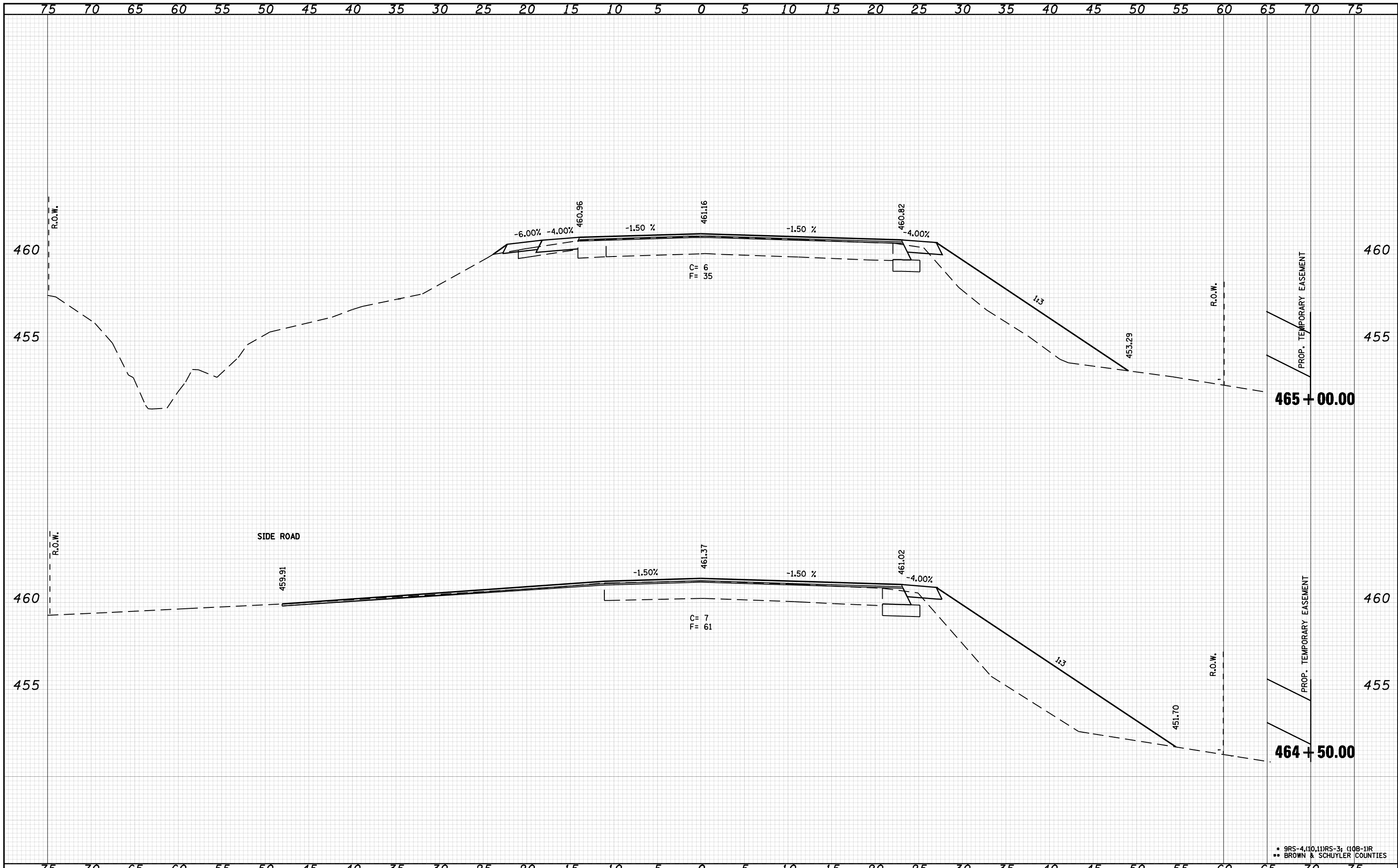
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISIED -
c:\pwwork\pwidot\LAUGHLINRL\dms21580\10672432\shht-xasht-US24.dgn		DRAWN -	REVISIED -
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISIED -
	PLOT DATE = Mar-23-2010 02:01:20PM	DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION US 24**

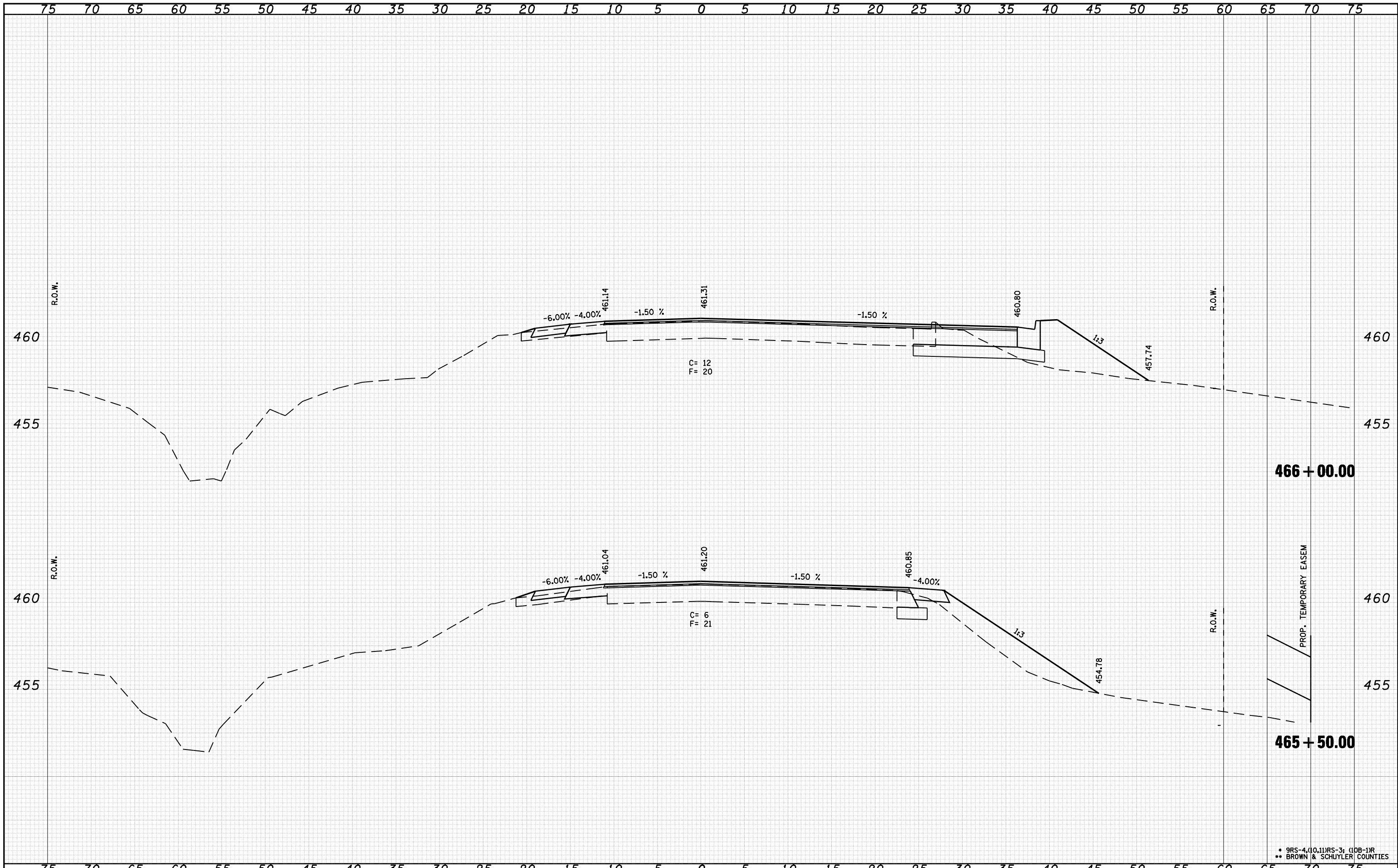
SCALE: SHEET NO. OF SHEETS STA. 464+50.00 TO STA. 465+00.00

F.A.P. RTE. 317	SECTION .	COUNTY ..	TOTAL SHEETS 196	SHEET NO. 61
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 72432				

\* 9RS-4(10,11)RS-3; (10B-1)R  
\*\* BROWN & SCHUYLER COUNTIES

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

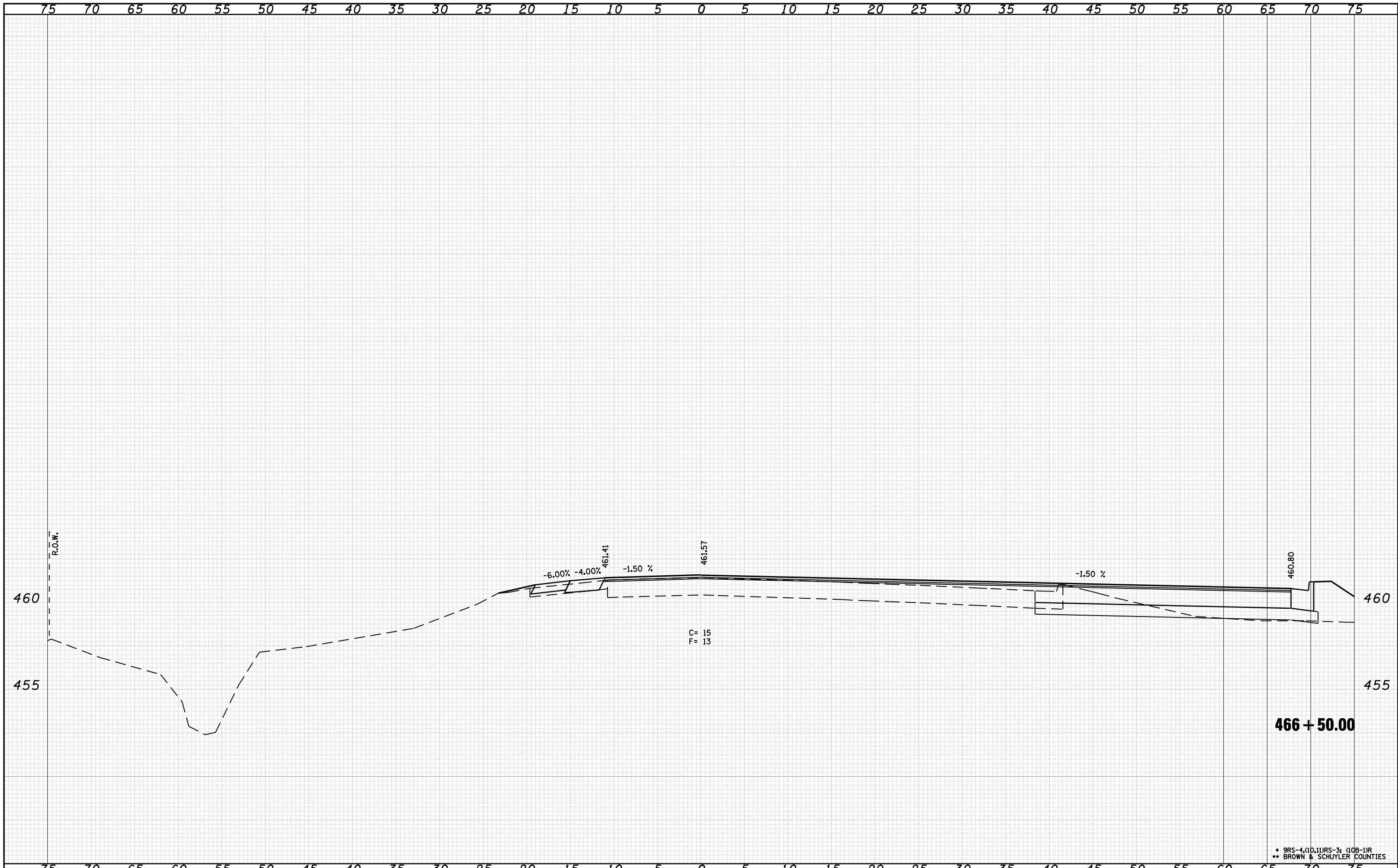


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION US 24</b>		F.A.P. RTE. 317	SECTION .	COUNTY ..	TOTAL SHEETS 196	SHEET NO. 62	
o:\pwork\PWIDOT\LAUGHLINRL\dms21580\1672432\shht-xasht-US24.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN -	REVISIED -		SCALE:	SHEET NO.	OF SHEETS	STA. 465+50.00	TO STA. 466+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 72432
PLOT DATE = Mar-23-2010 02:01:27PM	DATE -	CHECKED -	REVISIED -									
		DATE -	REVISIED -									

• 9RS-4(10,11)RS-3 (108-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



• 9RS-4(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
c:\pwork\pwork\LAUGHLINR1\dms21580\10672432\shht-xasht-US24.dgn		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td>	CHECKED -	REVISED -
	PLOT DATE = Mar-23-2010 02:01:34PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

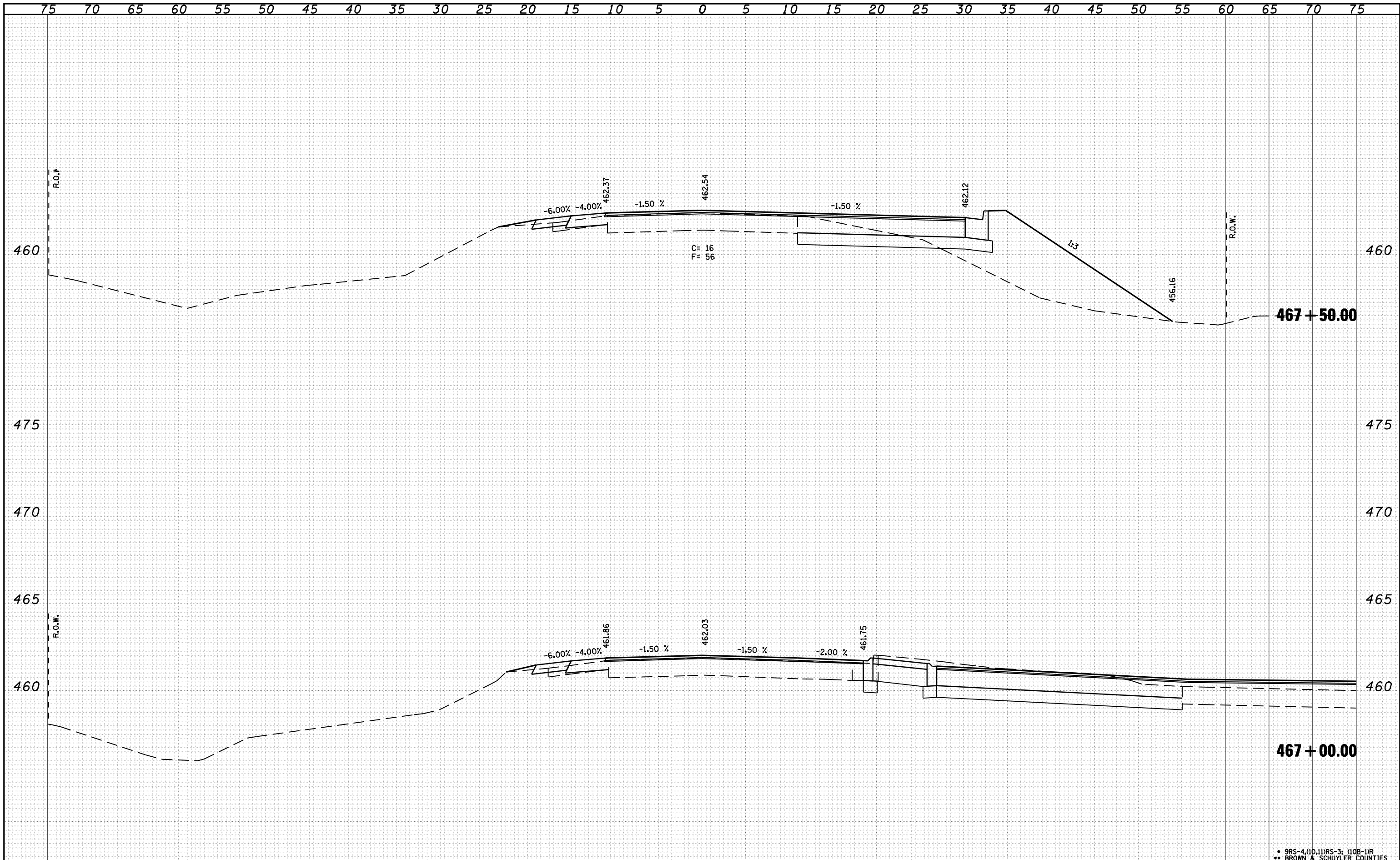
**CROSS SECTION US 24**

SCALE: SHEET NO. OF SHEETS STA. 466+50.00 TO STA. 466+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	**	196	63
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72432	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



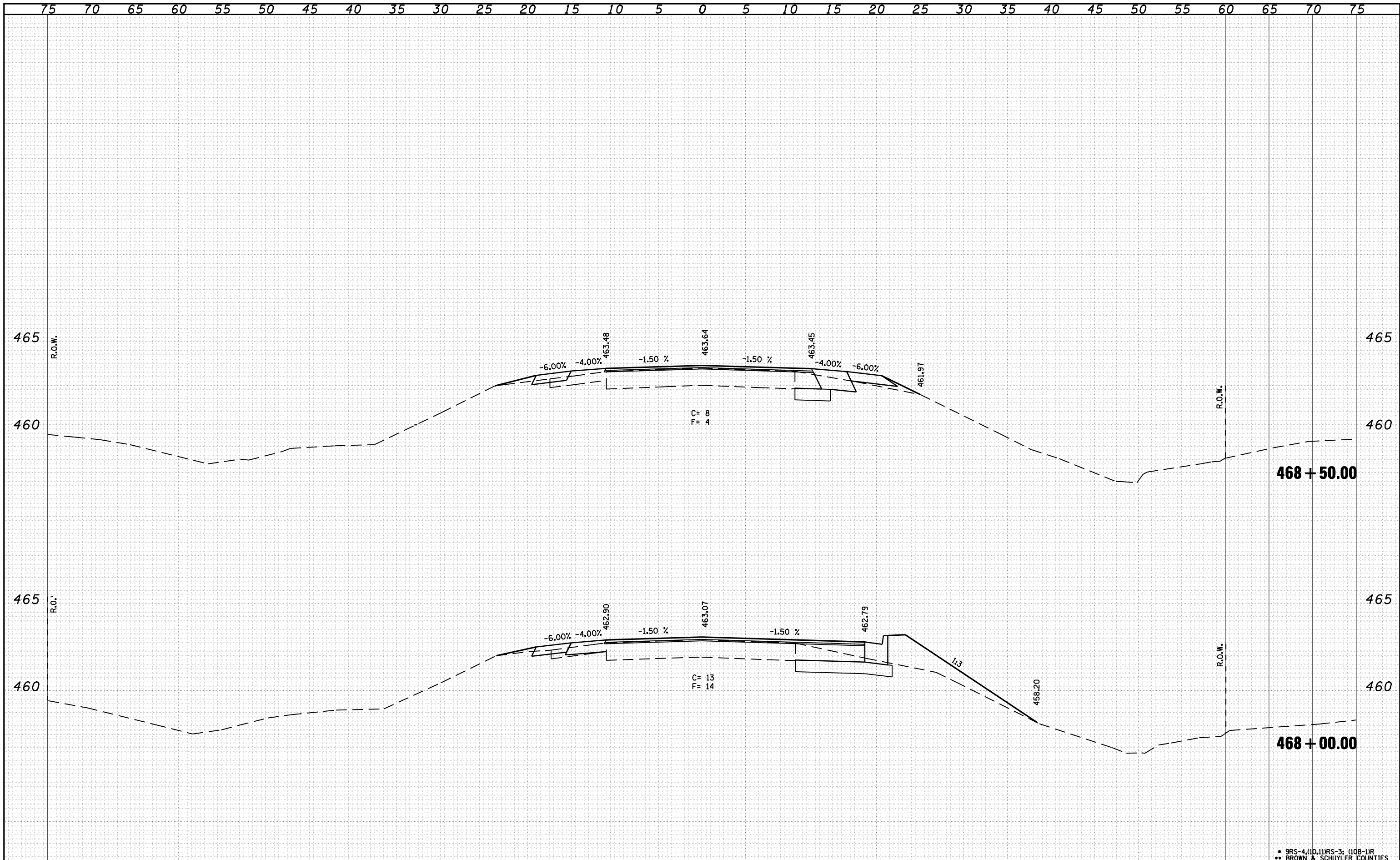
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION US 24</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwidot\LAUGHLINRL\dms21580\10672432\shht-xasht-US24.dgn	PLOT SCALE = 10.0000 "/td> <td>DRAWN -</td> <td>REVISIED -</td> <td>317</td> <td>.</td> <td>..</td> <td>196</td> <td>64</td>	DRAWN -	REVISIED -			317	.	..	196	64
PLOT DATE = Mar-23-2010 02:01:40PM	DATE -	CHECKED -	REVISIED -			CONTRACT NO. 72432				
		DATE -	REVISIED -			SCALE:	SHEET NO. OF SHEETS	STA. 467+00.00 TO STA. 467+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

• 9RS-4(10,11)RS-3; (10B-1)R  
 •• BROWN & SCHUYLER COUNTIES



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

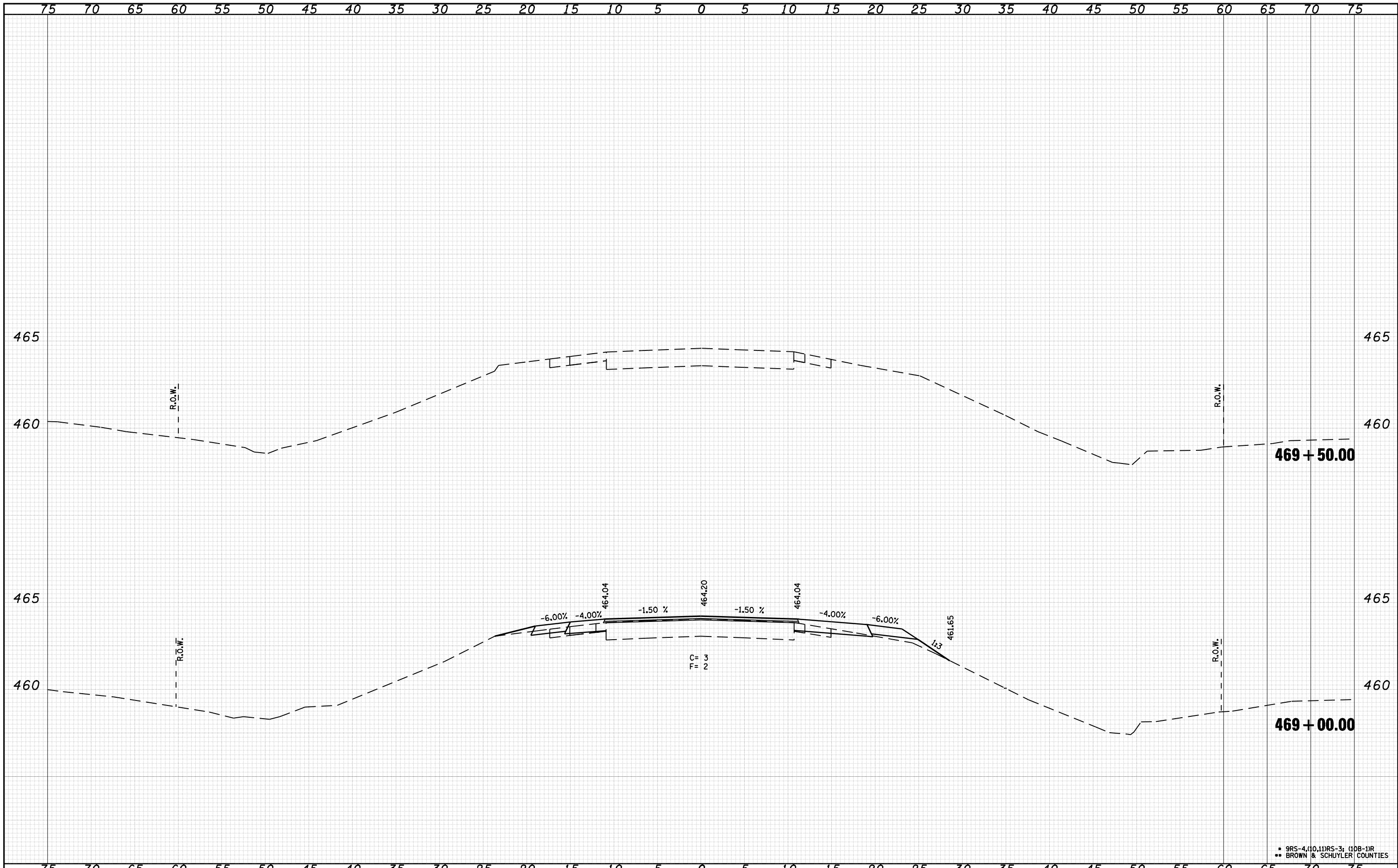
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



• 9RS-4,(10,11)RS-3; (108-1)R  
 •• BROWN & SCHUYLER COUNTIES

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



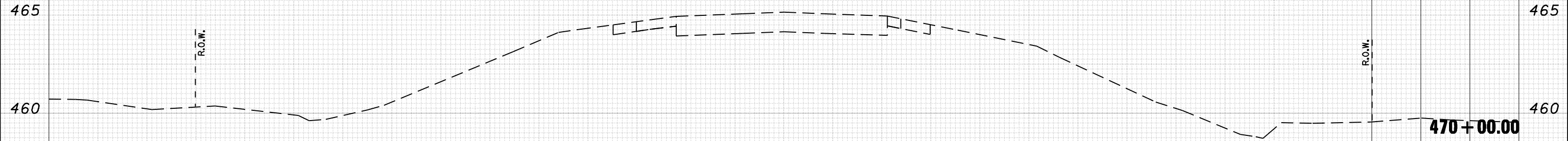
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTION US 24</b></p> <p>SCALE:      SHEET NO.    OF    SHEETS    STA. 469+00.00    TO    STA. 469+50.00</p>
c:\pwork\pwork\LAUGHLINR1\dms21580\10672432\shht-xasht-US24.dgn	PLOT SCALE = 10.0000 "/td> <td>DRAWN -</td> <td>REVISED -</td>	DRAWN -	REVISED -	
	PLOT DATE = Mar-23-2010 02:01:53PM	CHECKED -	REVISED -	
		DATE -	REVISED -	
F.A.P. RTE. 317	SECTION .	COUNTY ..	TOTAL SHEETS 196	SHEET NO. 66
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				CONTRACT NO. 72432

\* 9RS-4,(10,11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



• 9RS-4(10.11)RS-3; (10B-1)R  
 \*\* BROWN & SCHUYLER COUNTIES

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FILE NAME = c:\pwork\pwork\LAUGHLIN\lms21580\672432\shht-xasht-US24.dgn

USER NAME = laughlinr1  
 PLOT SCALE = 10.0000 "/ IN.  
 PLOT DATE = Mar-23-2010 02:01:59PM

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

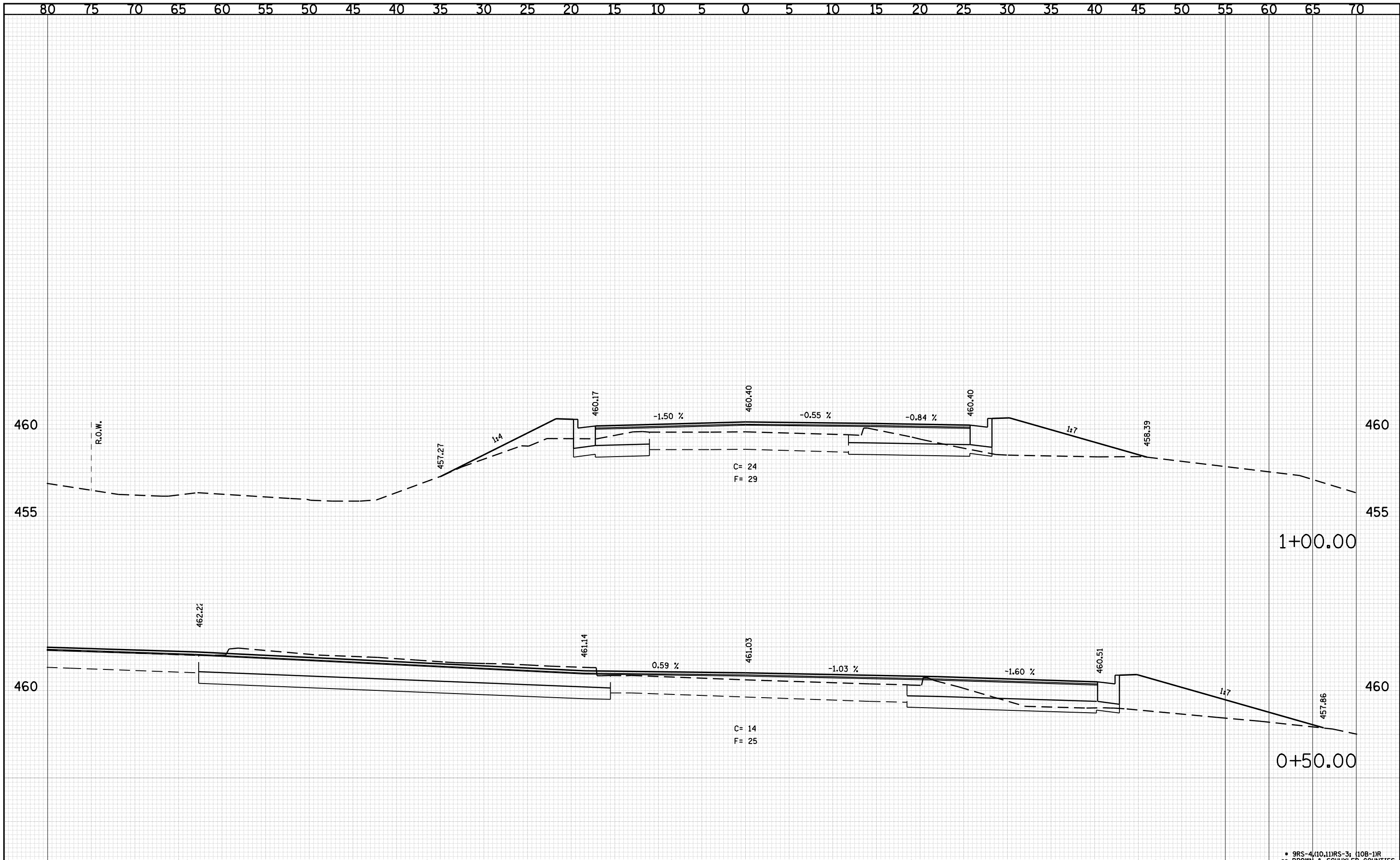
**CROSS SECTION US 24**

SCALE: SHEET NO. OF SHEETS STA. 470+00.00 TO STA. 470+00.00

F.A.P. RTE. 317	SECTION .	COUNTY **	TOTAL SHEETS 196	SHEET NO. 67
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72432	

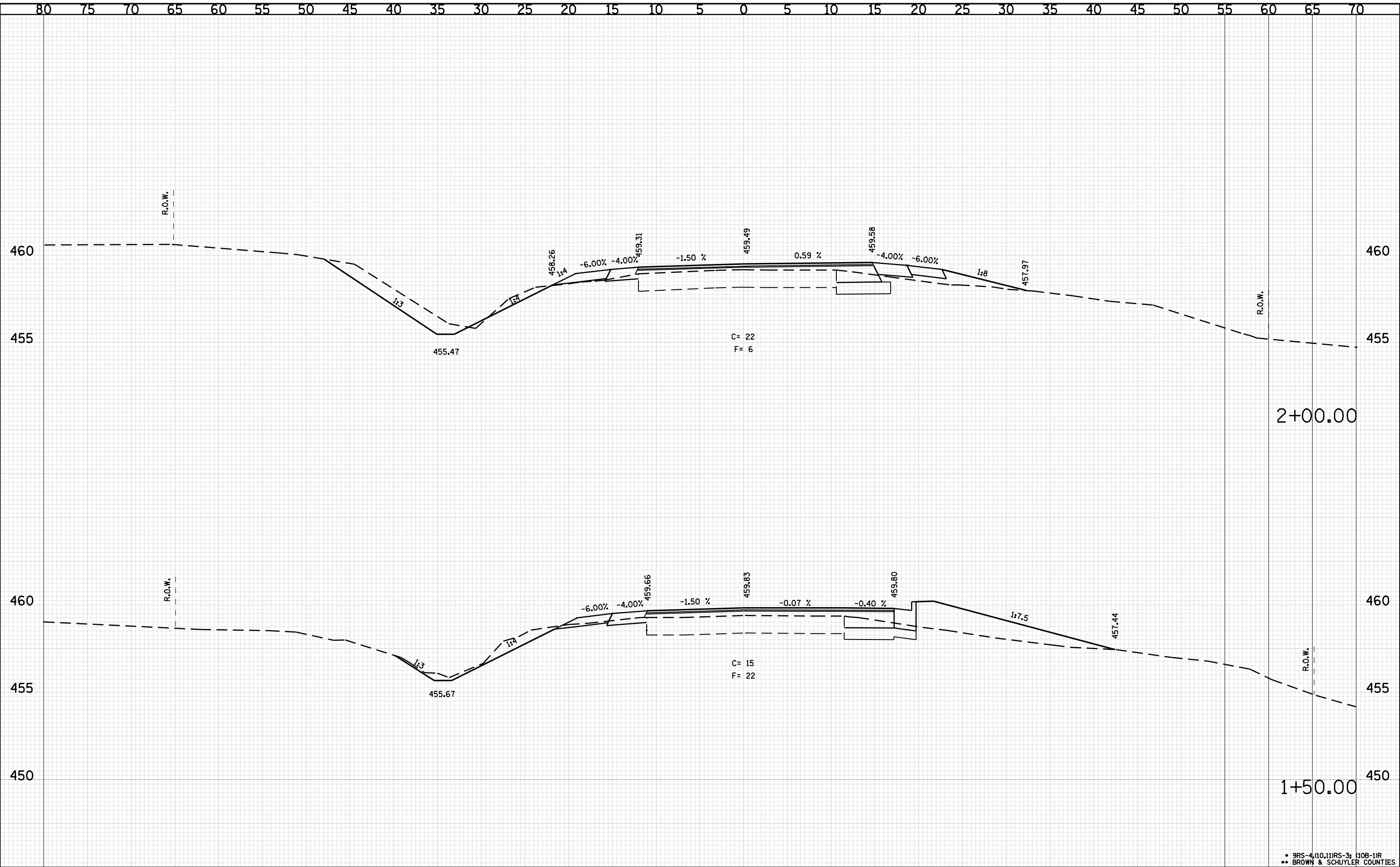
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



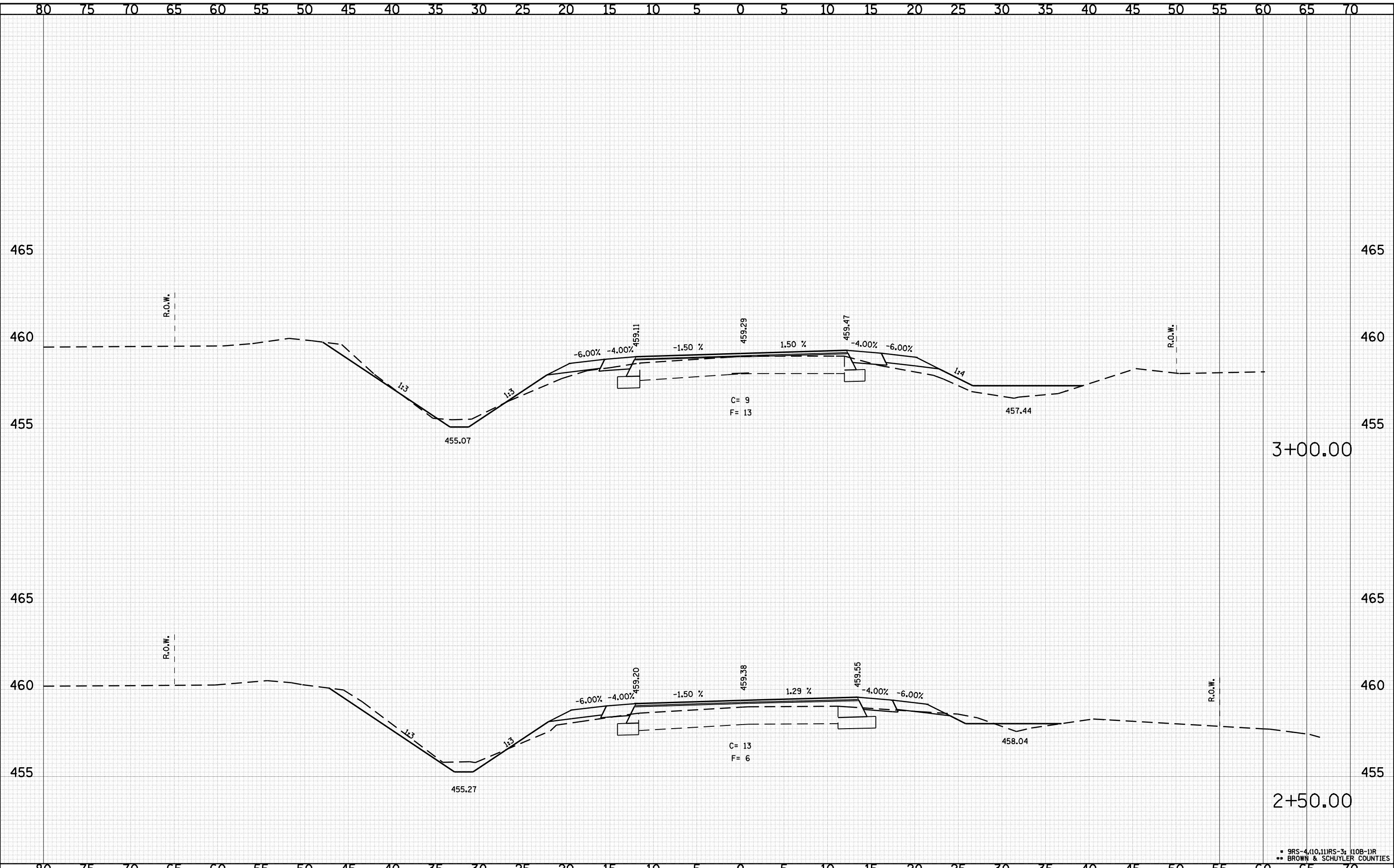
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



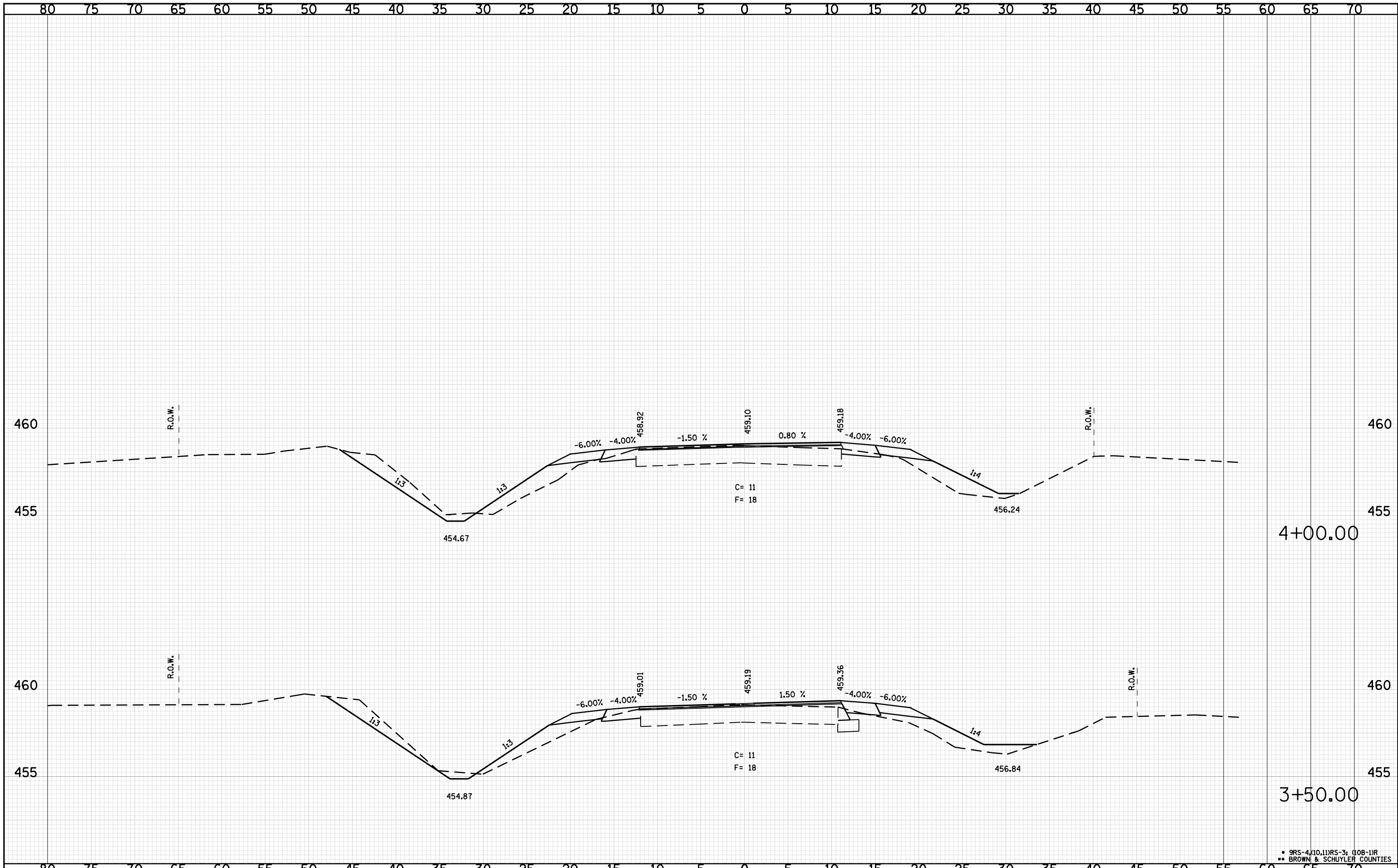
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	



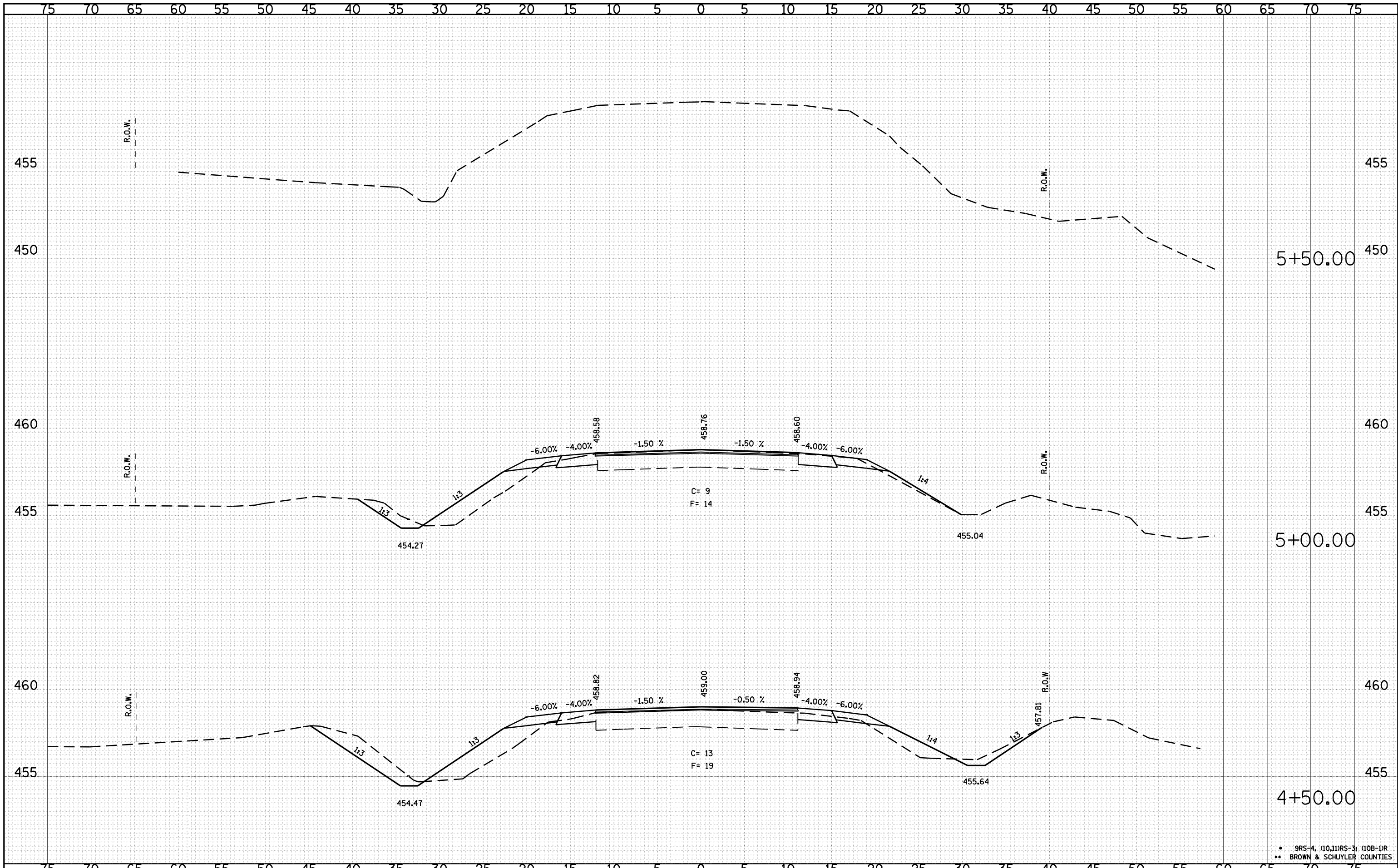
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



• 9RS-4, (10,11)RS-3, (10B-1)R  
 •• BROWN & SCHUYLER COUNTIES

FILE NAME =  
 o:\pwork\pwidot\LAUGHLINRL\dms21580\10672432\shht-xasht-11103.dgn

USER NAME = laughlinr1  
 PLOT SCALE = 10.0000 "/ IN.  
 PLOT DATE = Mar-23-2010 02:02:12PM

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS IL 103**

SCALE: SHEET NO. OF SHEETS STA. 4+50.00 TO STA. 5+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	.	••	196	72
CONTRACT NO. 72432				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



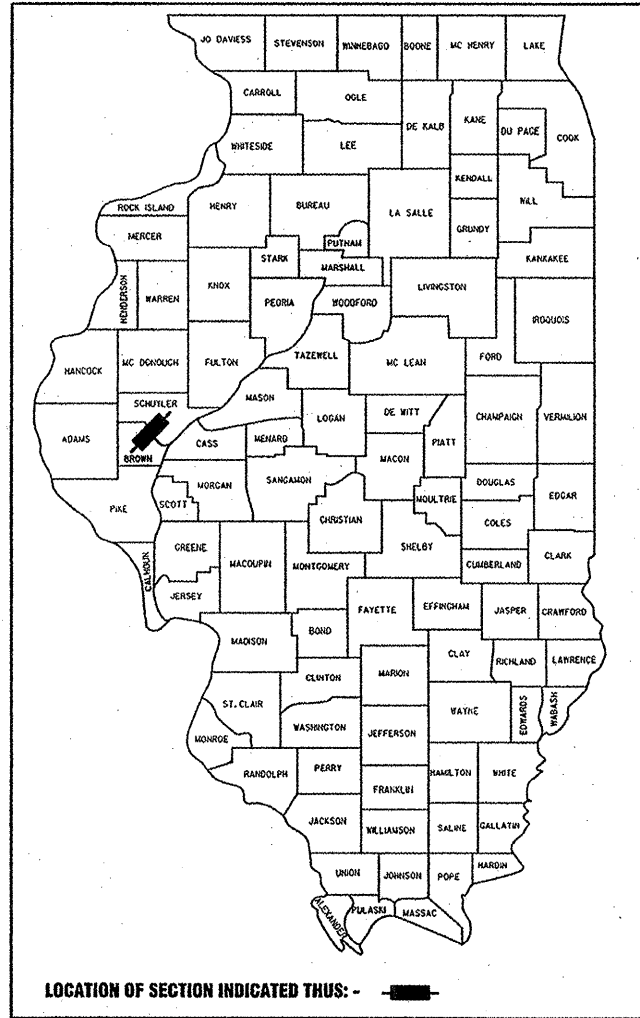
PROJECT ENGINEER: SAL MADONIA  
 PHONE : 217-782-4761  
 TEAM MANAGER: KEN ANDERSON  
 PHONE : 217-524-7546  
 CONSULTANT: HDC ENGINEERING 217-352-6976

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	73

\* BROWN & SCHUYLER CONTRACT NO. 72432  
 \*\* 9RS-4, (10,11) RS-3; (10B-1) R

SHEET 1 OF 123

D-96-535-00



REPLACE STRUCTURE, AND REALIGN ROADWAY ADJACENT TO EXISTING STRUCTURE OVER THE LAMOINE RIVER NE OF RIPLEY. REMOVE EXISTING STRUCTURE.  
 S.N. 005-0001 EXISTING  
 S.N. 005-0500 PROPOSED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *March 26 2010*  
*Raymond D. ...*  
 DEPUTY DIRECTOR OF HIGHWAYS REGION ENGINEER

*May 7 2010*  
*Scott E. Stitt, P.E. for*  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

*May 7 2010*  
*Christine M. Reed for*  
 DIRECTOR, DIVISION OF HIGHWAYS

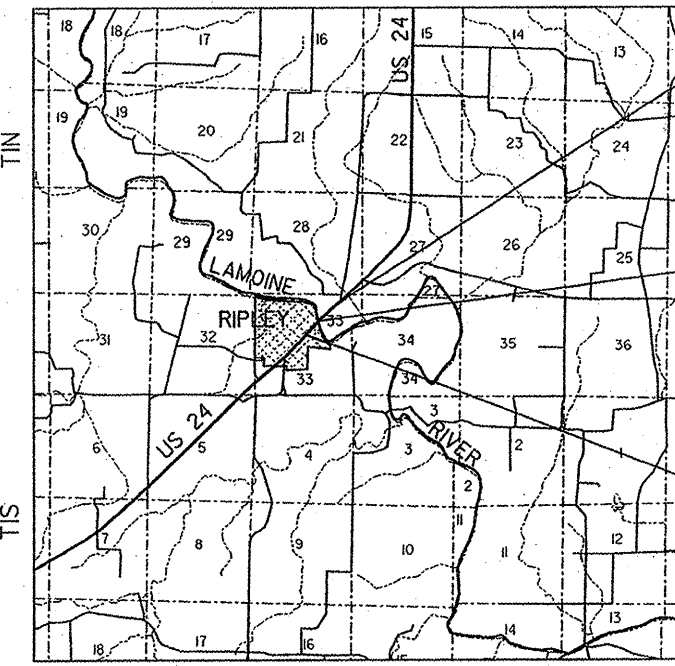
**PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS**



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

**F.A.P. ROUTE 317 (US 24)  
 SECTION 9RS-4, (10,11) RS-3; (10B-1) R**

**BROWN AND SCHUYLER COUNTIES**



END STRUCTURE IMPROVEMENT  
 BEGIN RESURFACING IMPROVEMENT  
 STATION 454+00.00

STATION EQUATION  
 STATION 452+80.20 (BK) =  
 STATION 452+78.48 (AH)

BRIDGE STRUCTURE  
 STATION 436+68.66

END RESURFACING IMPROVEMENT  
 BEGIN STRUCTURE IMPROVEMENT  
 STATION 420+00.00

DAVID E. ATCHLEY  
 062-47257  
 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS  
 LICENSE EXPIRES 11/30/11

SIGNED: *David E. Atchley*  
 DATED: *3/5/2010*

GROSS LENGTH OF SECTION = 3401.72 FEET = 0.644 MI  
 NET LENGTH OF SECTION = 3401.72 FEET = 0.644 MI

**INDEX OF SHEETS**

- 1 COVER SHEET, INDEX OF SHEETS AND LIST OF STANDARDS
- 2-3 TYPICAL SECTIONS
- 4-6 HORIZONTAL & VERTICAL CONTROL
- 7 PROPERTY OWNER INFORMATION SHEET
- 8-10 SCHEDULE OF QUANTITIES
- 11-17 REMOVAL PLANS
- 18-24 PLAN SHEETS
- 25-31 PROFILE SHEETS
- 32-33 TRAFFIC STAGING PLAN
- 34-39 STORMWATER POLLUTION PREVENTION PLANS
- 40 TRANSVERSE DRAIN SUPERELEVATED PAVEMENT
- 41 CULVERT DETAILS
- 42 INTERSECTION DETAILS
- 43 CONCRETE COLLAR DETAILS
- 44-46 DISTRICT 6 ENTRANCE DETAILS
- 47-75 BRIDGE PLANS
- 76-118 CROSS SECTIONS
- 119-123 ROCK CORE BORINGS 11,13,16

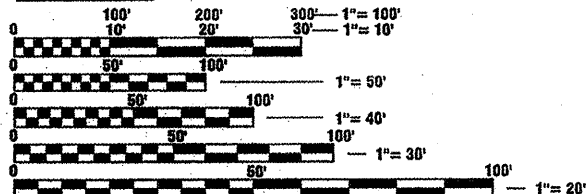
**LIST OF STANDARDS**

001001-01	602701-02	701001-03
001002-02	604036-02	701002-03
280001-05	609001-05	701003-03
420401-06	609006-05	701301-03
482001-02	609011-01	701306-02
515001-03	630001-01	701311-03
542301-02	630002-01	701326-03
542401-01	630006-03	701331-03
542601-01	635011-02	701331-01
601101-01	665001-02	780001-02
601102-02	666001-01	781001-01
601103-01	667101-01	B.L.R. 22-01

**DESIGN DATA**

HIGHWAY CLASSIFICATION - OTHER PRINCIPAL ARTERIAL  
 DESIGN SPEED - 60 MPH  
 POSTED SPEED - 45 MPH (WB) 55 MPH (EB)  
 ADT: 2750 (2005) % TRUCKS = 20  
 CLASS II TRUCK ROUTE

**SCALES**

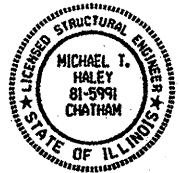


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

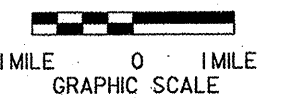
J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123

**CONTRACT NO. 72432**

*Michael J. Haley* 3/5/2010  
 Michael T. Haley Date  
 Licensed Structural Engineer  
 State of Illinois No. 81-5991  
 Expires 11/30/2010



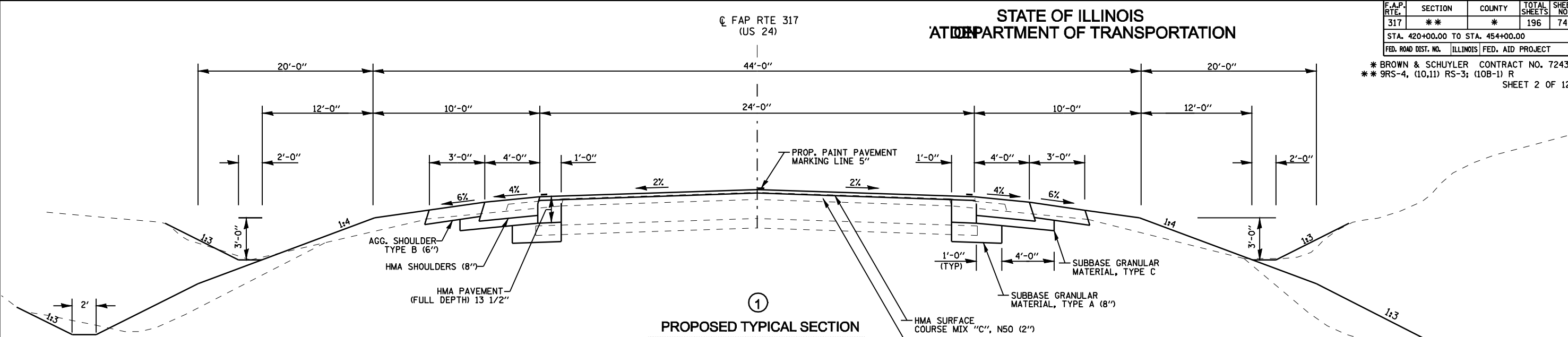
**LAYOUT MAP**



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

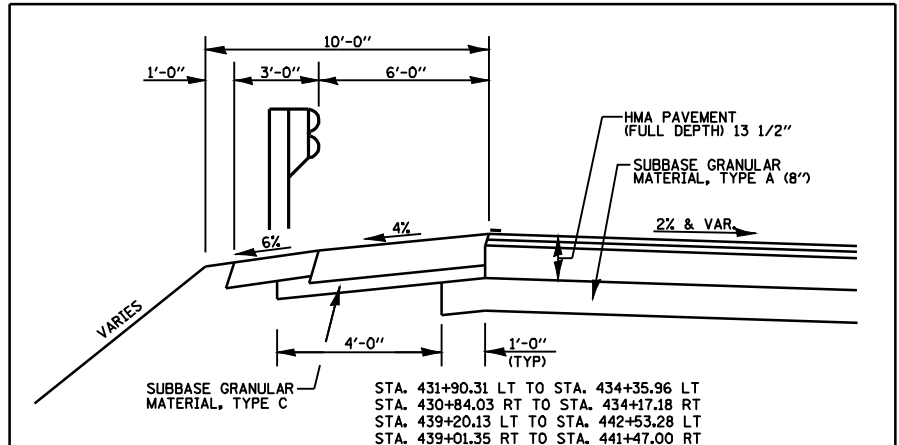
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	74
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 2 OF 123

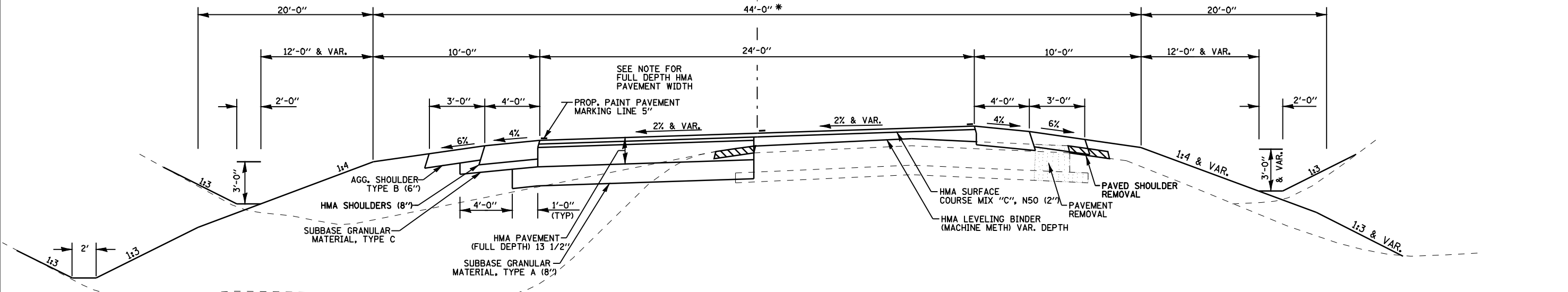


①  
**PROPOSED TYPICAL SECTION**  
STA. 420+00 TO STA. 420+14.24  
STA. 453+67.28 TO STA. 454+00

- NOTE:** FULL DEPTH WIDTH VARIES 1'-0" TO 24'-0"  
STA 420+00 TO STA 427+21.02 AND STA 449+82 TO STA 454+00
- NOTE:** HOT-MIX ASPHALT (HMA) PAVEMENT (FULL-DEPTH) 13 1/2"  
- 2" LAYER-HMA SURFACE COURSE (TOP LIFT)  
- 2 1/4" LAYER-HMA TOP BINDER LIFT  
- 9 1/4" LAYER-HMA LOWER BINDER LIFT  
(SEE MIXTURE REQUIREMENTS TABLE)
- NOTE:** SUBBASE GRANULAR MATERIAL, TYPE A IS 8" THICK EXCEPT BETWEEN STA. 439+25 AND STA. 444+25 WHERE IT IS 4" THICK. THE LIMITS OF 4 INCH SUBBASE GRANULAR MATERIAL, TYPE A ARE ESTIMATED AND MAY BE ADJUSTED TO MATCH THE ACTUAL LIMITS OF ROCK ENCOUNTERED.
- NOTE:** TOPSOIL EXCAVATION WILL BE FROM THE AREAS INDICATED ON THE CROSS SECTIONS. TOPSOIL PLACEMENT 4" WILL BE PLACED AS SHOWN ON THE CROSS SECTIONS.



STA. 431+90.31 LT TO STA. 434+35.96 LT  
STA. 430+84.03 RT TO STA. 434+17.18 RT  
STA. 439+20.13 LT TO STA. 442+53.28 LT  
STA. 439+01.35 RT TO STA. 441+47.00 RT



②  
**PROPOSED TYPICAL SECTION**  
STA. 420+14.24 TO STA. 427+21.02  
STA. 446+61.38 TO STA. 453+67.28

STATION EQUATION  
STA. 452+80.20 (BK) =  
STA. 452+78.48 (AH)

\* IN AREAS OF SUPERELEVATION AND WHERE EXISTING PAVEMENT IS TO REMAIN A BINDER COURSE WILL BE USED TO ESTABLISH THE REQUIRED CROSS SLOPE.

P.I. STA.	SE RATE	SUPER ATTAINED	FULL SUPER	SUPER REMOVED
CURVE 1423+94.36	0.020 FT/FT	420+14.24 TO 421+20.80	421+20.80 TO 426+67.74	426+67.74 TO 427+21.02
CURVE 2430+49.42	0.020 FT/FT	427+22.56 TO 427+75.84	427+75.84 TO 433+22.82	433+22.82 TO 434+29.38
CURVE 3443+34.36	0.020 FT/FT	439+54.30 TO 440+60.80	440+60.80 TO 446+07.68	446+07.68 TO 446+60.96
CURVE 4449+89.14	0.020 FT/FT	446+61.38 TO 447+15.66	447+15.66 TO 452+62.44	452+62.44 TO 453+67.28

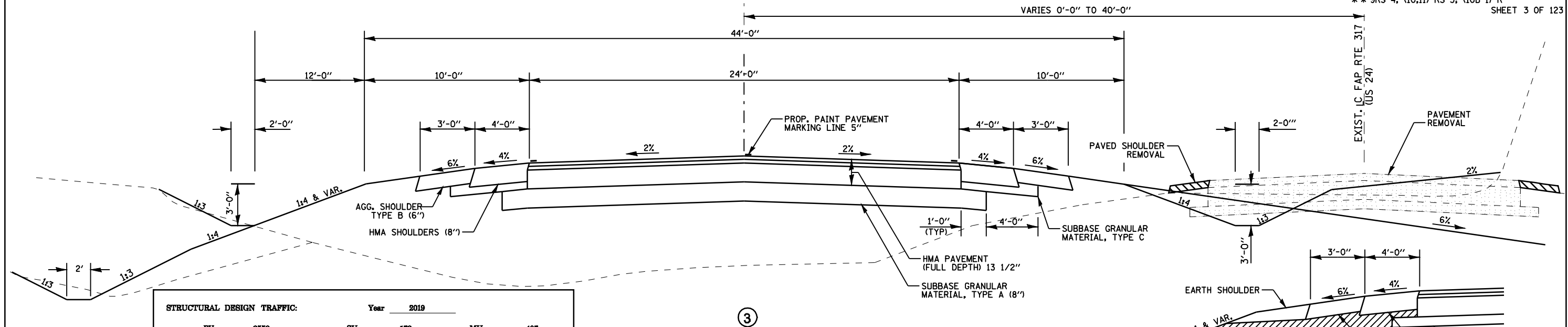
**PROPOSED TYPICAL SECTIONS**  
SHEET 1 OF 2  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROP. C FAP RTE 317  
(US 24)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	75
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\*\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 3 OF 123



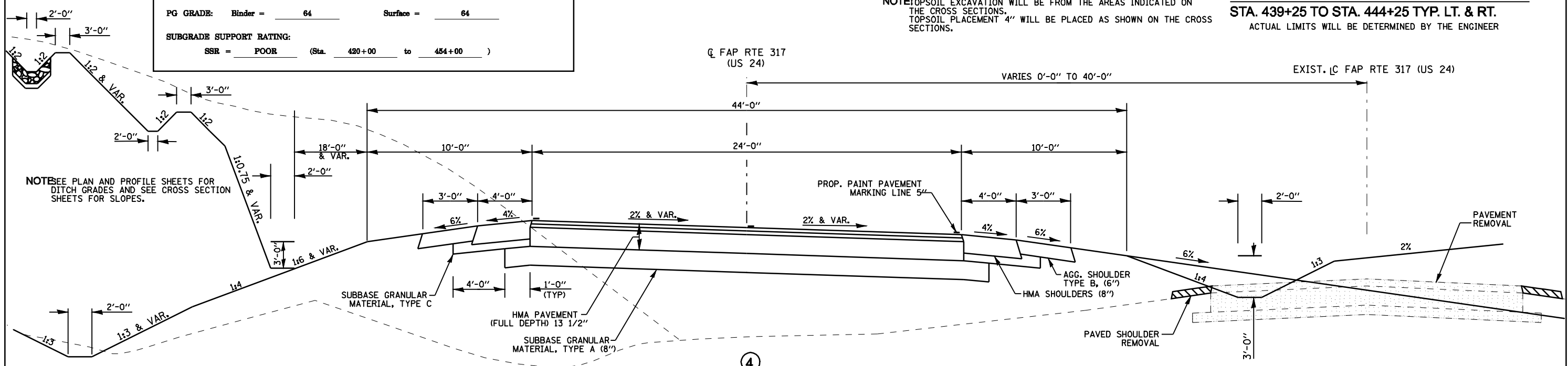
<b>STRUCTURAL DESIGN TRAFFIC:</b>		Year	2019
PV =	2552	SU =	172
		MU =	407
<b>ROADSTREET CLASSIFICATION:</b>		Class	I
<b>PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:</b>			
P =	32	S =	45
		M =	45
<b>TRAFFIC FACTOR:</b>		Actual TF =	1.98
<b>PG GRADE:</b>		Binder =	64
		Surface =	64
<b>SUBGRADE SUPPORT RATING:</b>		SSR =	POOR (Sta. 420+00 to 454+00)

**PROPOSED TYPICAL SECTION**  
STA. 427+21.02 TO STA. 427+22.56  
STA. 439+32.67 TO STA. 439+54.30  
STA. 446+60.96 TO STA. 446+61.38

NOTE: SUBBASE GRANULAR MATERIAL, TYPE A IS 8" THICK EXCEPT BETWEEN STA. 439+25 AND STA. 444+25 WHERE IT IS 4" THICK. THE LIMITS OF 4 INCH SUBBASE GRANULAR MATERIAL, TYPE A ARE ESTIMATED AND MAY BE ADJUSTED TO MATCH THE ACTUAL LIMITS OF ROCK ENCOUNTERED.

NOTE: TOPSOIL EXCAVATION WILL BE FROM THE AREAS INDICATED ON THE CROSS SECTIONS. TOPSOIL PLACEMENT 4" WILL BE PLACED AS SHOWN ON THE CROSS SECTIONS.

**PAVEMENT DRAINAGE IN ROCK EXCAVATION**  
STA. 439+25 TO STA. 444+25 TYP. LT. & RT.  
ACTUAL LIMITS WILL BE DETERMINED BY THE ENGINEER



**PROPOSED TYPICAL SECTION**  
STA. 427+22.56 TO STA. 434+04.64  
STA. 439+54.30 TO STA. 446+60.96  
BRIDGE OMISSION  
STA. 434+34.64 TO STA. 439+02.64  
BRIDGE APPROACH PAVEMENT  
STA. 434+04.64 TO STA. 434+34.64  
STA. 439+02.67 TO STA. 439+32.67

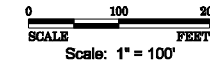
NOTE: HOT-MIX ASPHALT (HMA) PAVEMENT (FULL-DEPTH) 13 1/2"  
-2" LAYER-HMA SURFACE COURSE (TOPLIFT)  
-2 1/4" LAYER-HMA TOP BINDER LIFT  
-9 1/4" LAYER-HMA LOWER BINDER LIFT  
(SEE MIXTURE REQUIREMENTS TABLE)

\* IN AREAS OF SUPERELEVATION AND WHERE EXISTING PAVEMENT IS TO REMAIN A BINDER COURSE WILL BE USED TO ESTABLISH THE REQUIRED CROSS SLOPE.  
NOTE: WIDENING VARIES 1'-0" TO 6'-0"  
STA. 420+00 TO STA. 423+97 AND STA. 449+82 TO STA. 454+00

P.I. STA.	SE RATE	SUPER ATTAINED	FULL SUPER	SUPER REMOVED
CURVE 1423+94.36	0.020 FT/FT	420+14.24 TO 421+20.80	421+20.80 TO 426+67.74	426+67.74 TO 427+21.02
CURVE 2430+49.42	0.020 FT/FT	427+22.56 TO 427+75.84	427+75.84 TO 433+22.82	433+22.82 TO 434+29.38
CURVE 3443+34.36	0.020 FT/FT	439+54.30 TO 440+60.80	440+60.80 TO 446+07.68	446+07.68 TO 446+60.96
CURVE 4449+89.14	0.020 FT/FT	446+61.38 TO 447+15.66	447+15.66 TO 452+62.44	452+62.44 TO 453+67.28

**PROPOSED TYPICAL SECTIONS**  
SHEET 2 OF 2  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	76

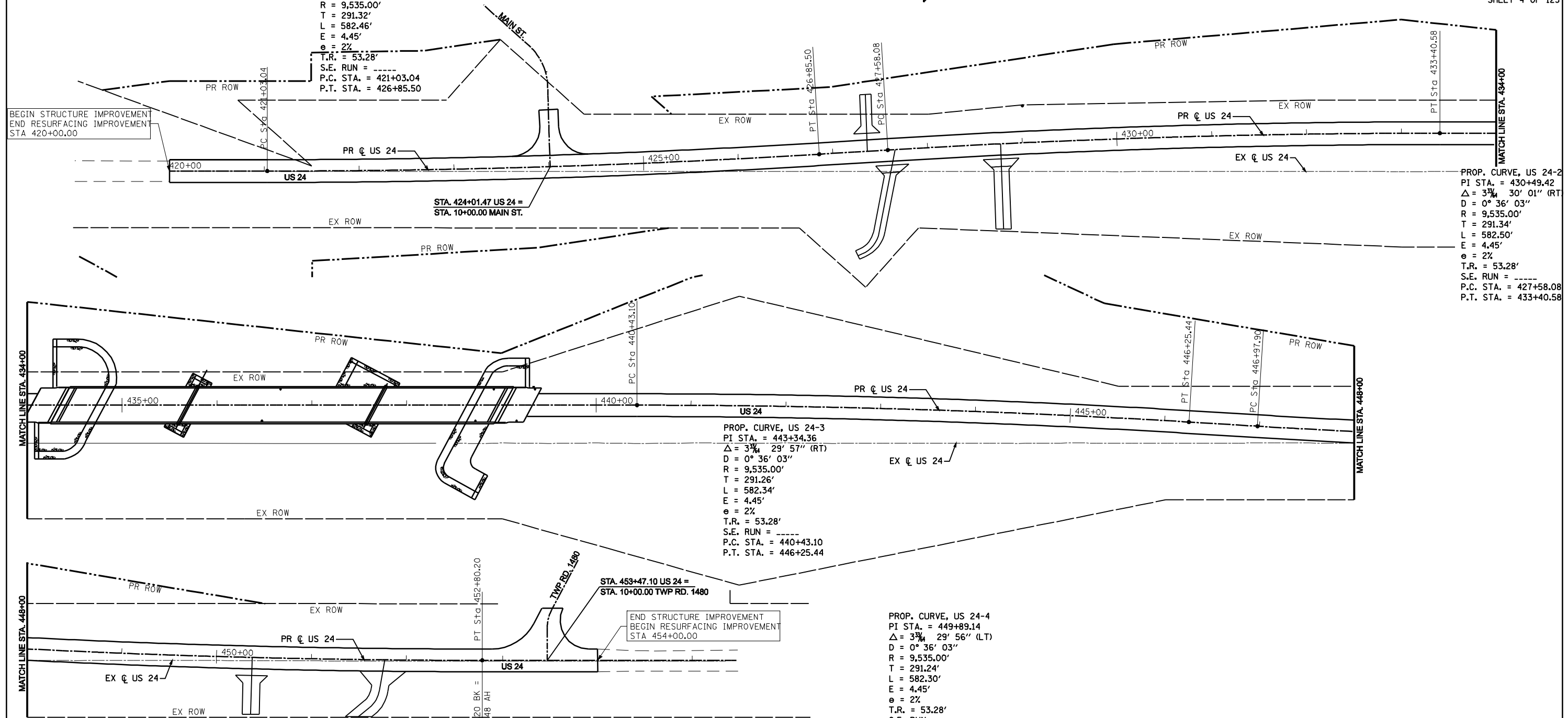
STA. 420+00.00 TO STA. 454+00.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
** 9RS-4, (10,11) RS-3; (10B-1) R		

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 4 OF 123

PROP. CURVE, US 24-1  
PI STA. = 423+94.36  
 $\Delta = 3\frac{3}{4}^\circ 30' 00''$  (LT)  
D =  $0^\circ 36' 03''$   
R = 9,535.00'  
T = 291.32'  
L = 582.46'  
E = 4.45'  
 $e = 2\%$   
T.R. = 53.28'  
S.E. RUN = -----  
P.C. STA. = 421+03.04  
P.T. STA. = 426+85.50

BEGIN STRUCTURE IMPROVEMENT  
END RESURFACING IMPROVEMENT  
STA 420+00.00



PROP. CURVE, US 24-2  
PI STA. = 430+49.42  
 $\Delta = 3\frac{3}{4}^\circ 30' 01''$  (RT)  
D =  $0^\circ 36' 03''$   
R = 9,535.00'  
T = 291.34'  
L = 582.50'  
E = 4.45'  
 $e = 2\%$   
T.R. = 53.28'  
S.E. RUN = -----  
P.C. STA. = 427+58.08  
P.T. STA. = 433+40.58

PROP. CURVE, US 24-3  
PI STA. = 443+34.36  
 $\Delta = 3\frac{3}{4}^\circ 29' 57''$  (RT)  
D =  $0^\circ 36' 03''$   
R = 9,535.00'  
T = 291.26'  
L = 582.34'  
E = 4.45'  
 $e = 2\%$   
T.R. = 53.28'  
S.E. RUN = -----  
P.C. STA. = 440+43.10  
P.T. STA. = 446+25.44

PROP. CURVE, US 24-4  
PI STA. = 449+89.14  
 $\Delta = 3\frac{3}{4}^\circ 29' 56''$  (LT)  
D =  $0^\circ 36' 03''$   
R = 9,535.00'  
T = 291.24'  
L = 582.30'  
E = 4.45'  
 $e = 2\%$   
T.R. = 53.28'  
S.E. RUN = -----  
P.C. STA. = 446+97.90  
P.T. STA. = 452+80.20

END STRUCTURE IMPROVEMENT  
BEGIN RESURFACING IMPROVEMENT  
STA 454+00.00

EQUATION:  
Sta. 452+80.20 BK =  
Sta. 452+78.48 AH

HORIZONTAL CONTROL POINTS		
POINT	NORTH	EAST
TRAV. 5000	1222600.7430	2164926.5710
TRAV. 5001	1224992.0070	2167365.8400
PC STA. 421+03.04	1222767.2379	2165068.6860
PT STA. 426+85.50	1223182.3570	2165477.1318
PC STA. 427+58.08	1223235.6204	2165526.4296
PT STA. 433+40.58	1223650.7691	2165934.9063

HORIZONTAL CONTROL POINTS		
POINT	NORTH	EAST
PC STA. 440+43.10	1224136.2555	2166442.6903
PT STA. 446+25.44	1224525.5858	2166875.6265
PC STA. 446+97.90	1224572.3726	2166930.9623
PT STA. 452+80.20	1224961.6734	2167363.8676

BENCHMARKS		
POINT	ELEVATION	DESCRIPTION
BM 3PC	458.50	1976 STANDARD TABLET, EAST OF NORTH CONC. HDWL OF BOX 0.42 MILE NORTH ALONG US 24 FROM LAMOINE RIVER @ STA. 458+27.92 58' LT.
UES26B	477.09	CHISELED " " IN S.E. HUB GUARD OF BRIDGE @ LAMOINE RIVER @ BROWN / SCHUYLER CO. LINE.

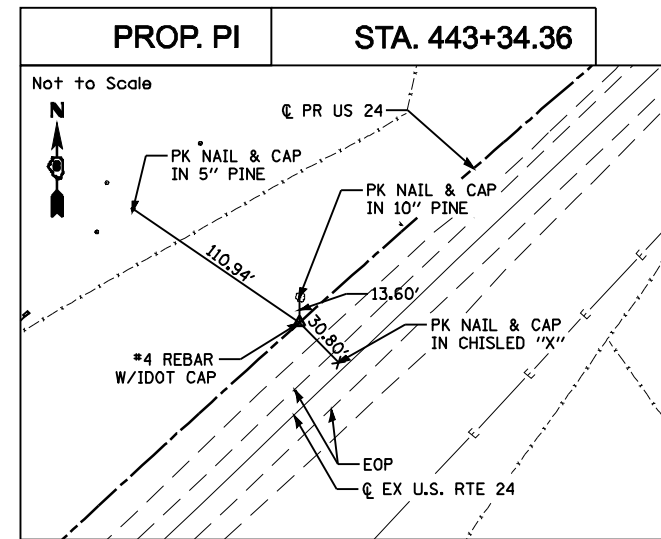
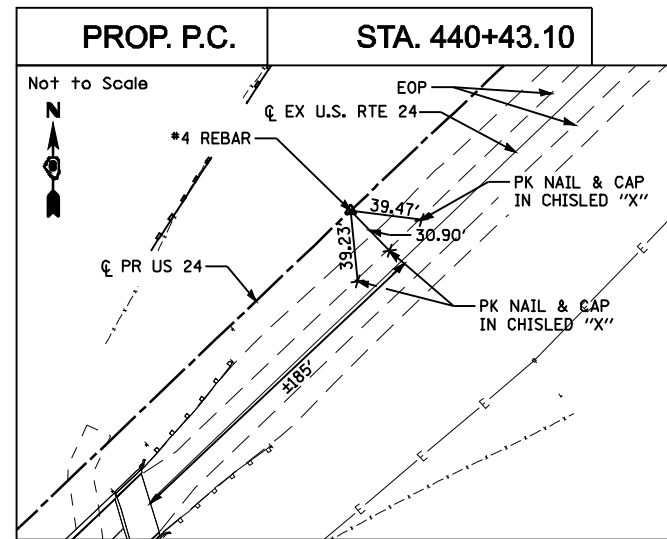
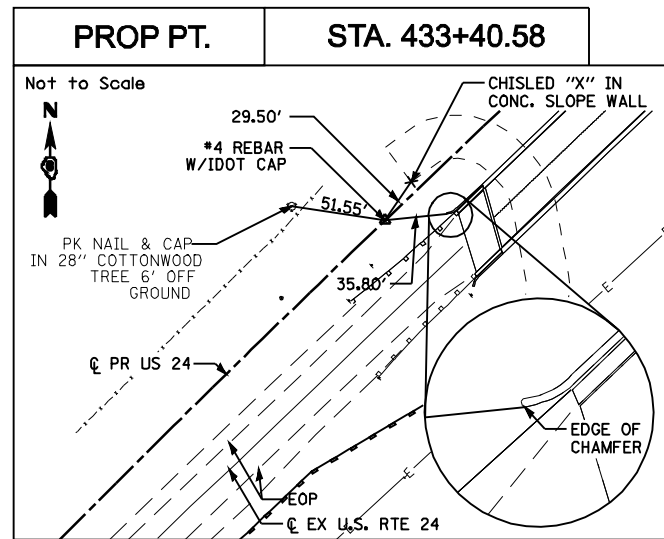
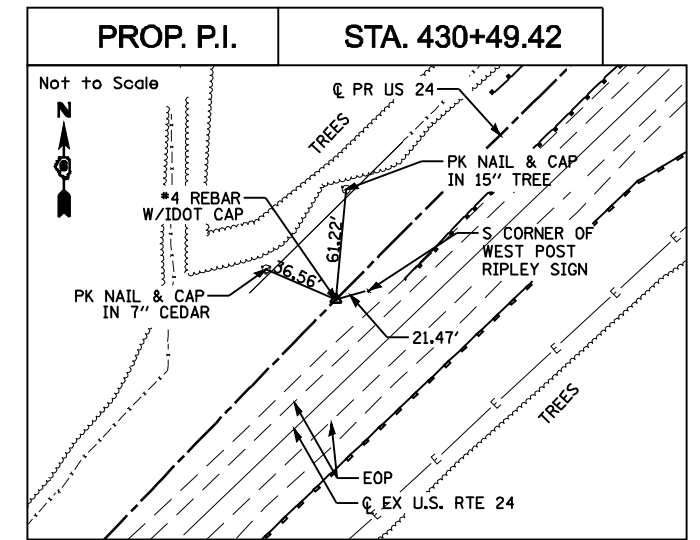
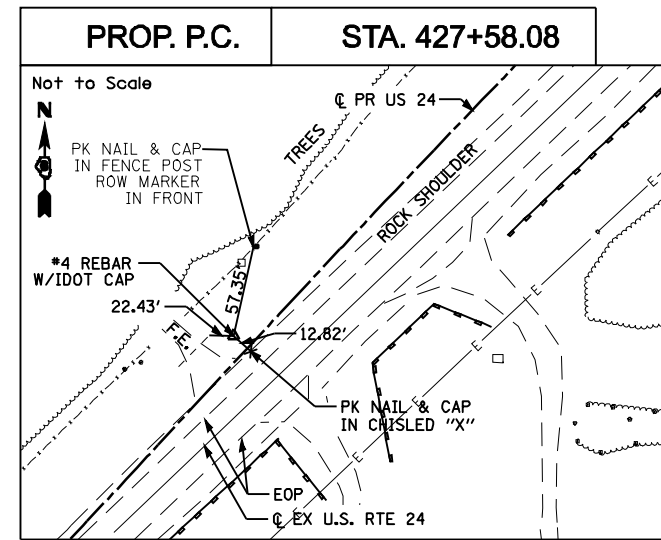
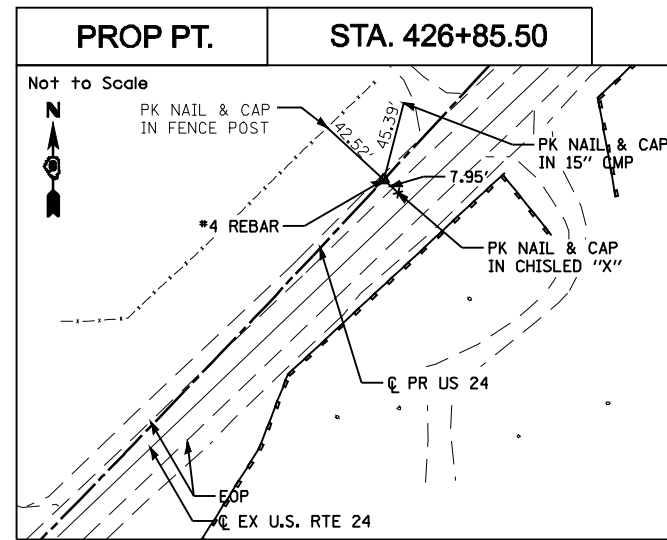
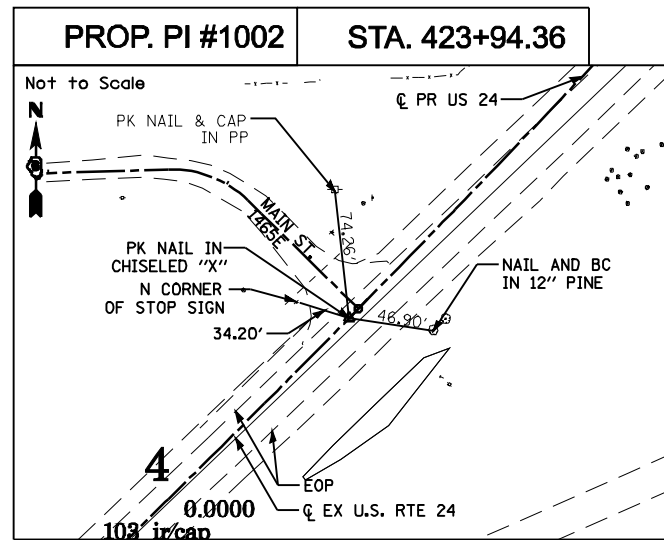
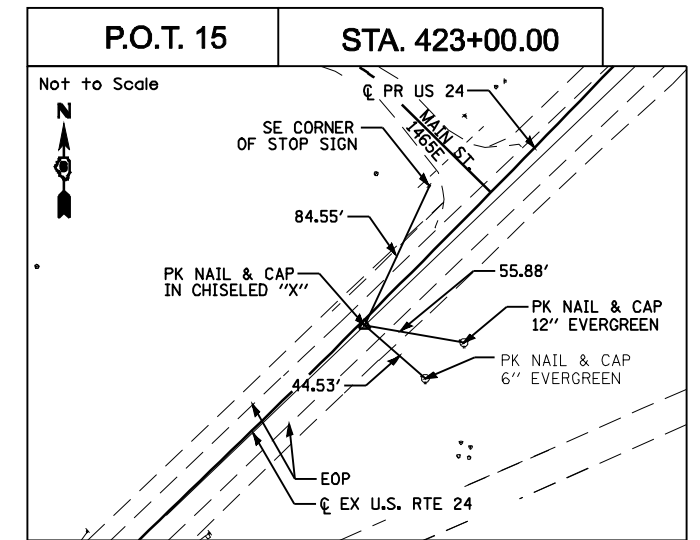
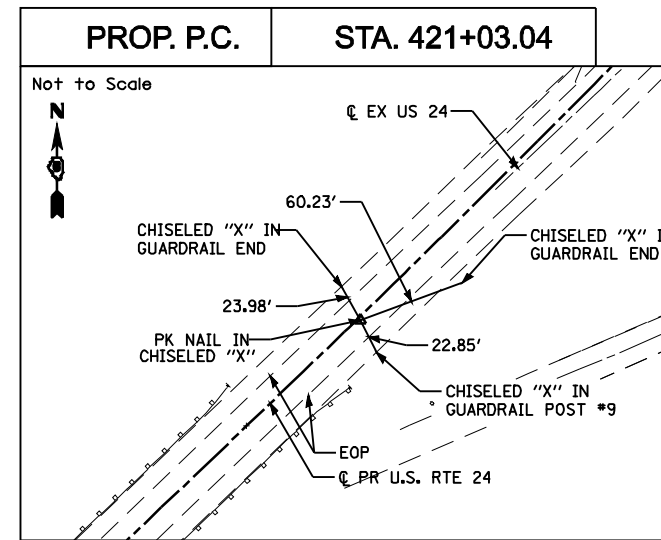
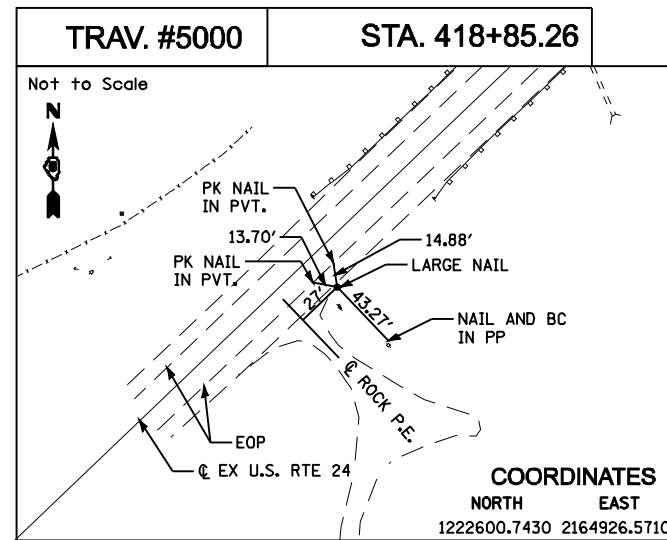
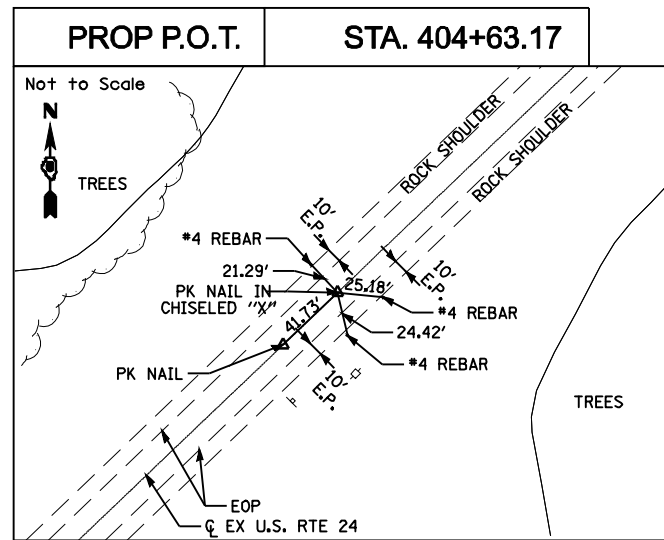
NOTE: PLACE PERMANENT SURVEY MARKERS, TYPE I AT ALL P.C.'s AND P.T.'s

**HORIZONTAL & VERTICAL CONTROL**  
SHEET 1 OF 3

US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	77
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 5 OF 123				



**HORIZONTAL & VERTICAL CONTROL TIE POINTS**

SHEET 2 OF 3

US 24 OVER LAMOINE RIVER

F.A.P. RTE 317 (US RTE 24)

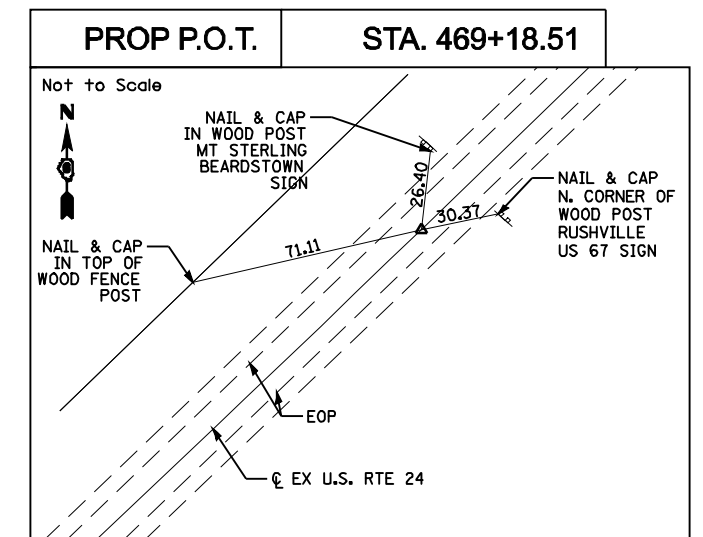
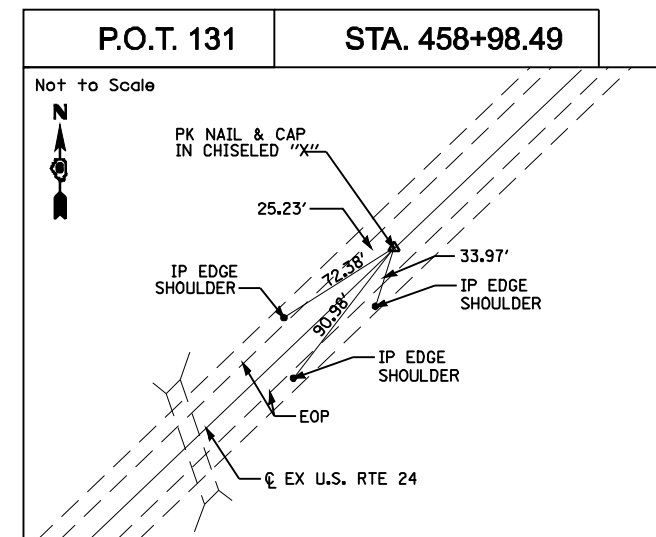
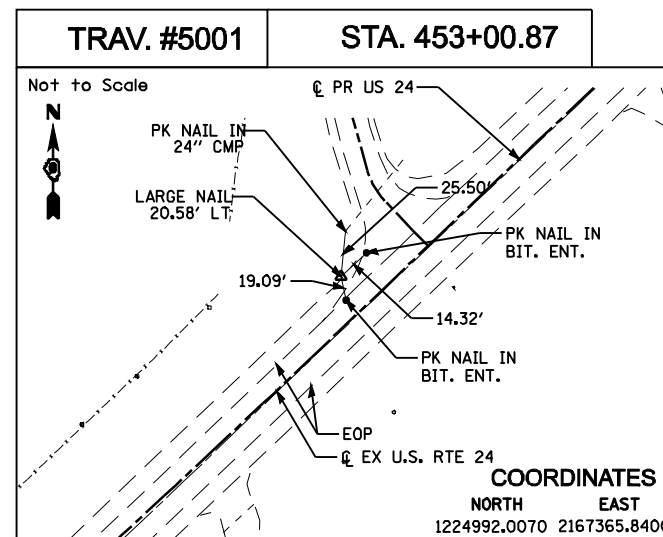
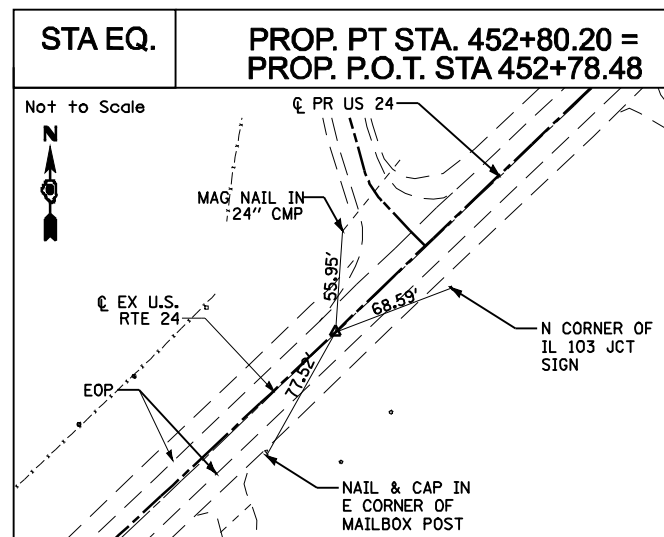
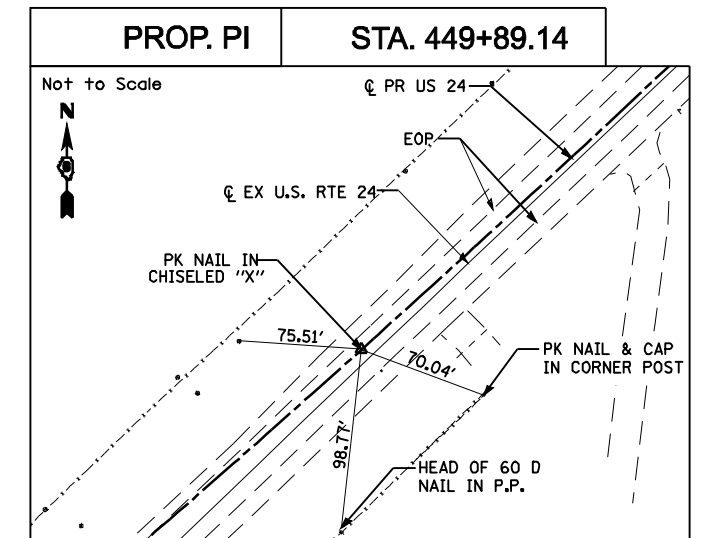
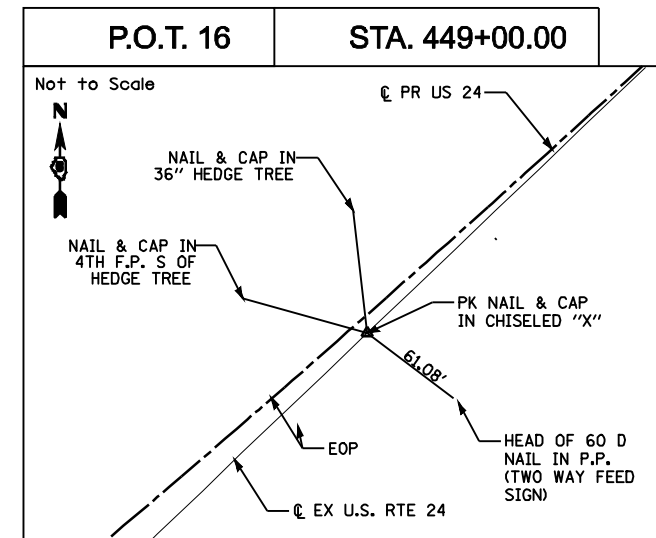
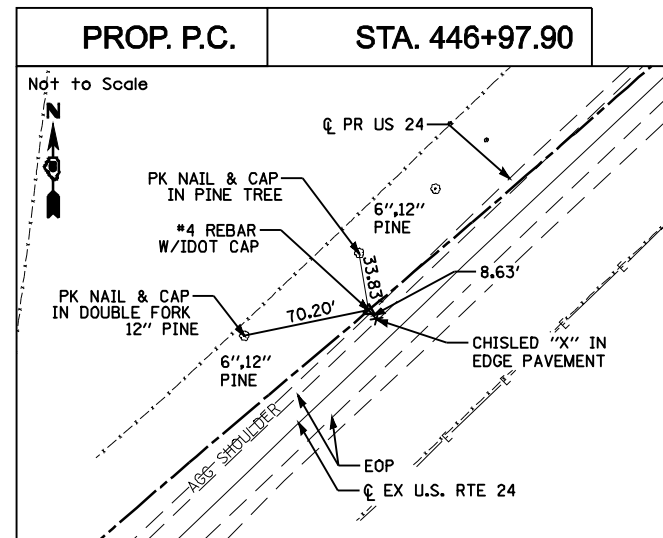
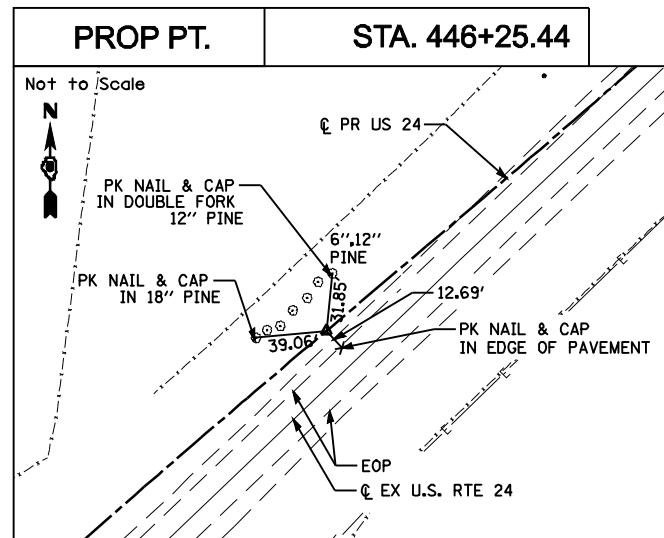
SECTION 9RS-4, (10,11) RS-3; (10B-1) R

BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	78

STA. 420+00.00 TO STA. 454+00.00  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 6 OF 123



**HORIZONTAL & VERTICAL CONTROL TIE POINTS**  
SHEET 3 OF 3  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

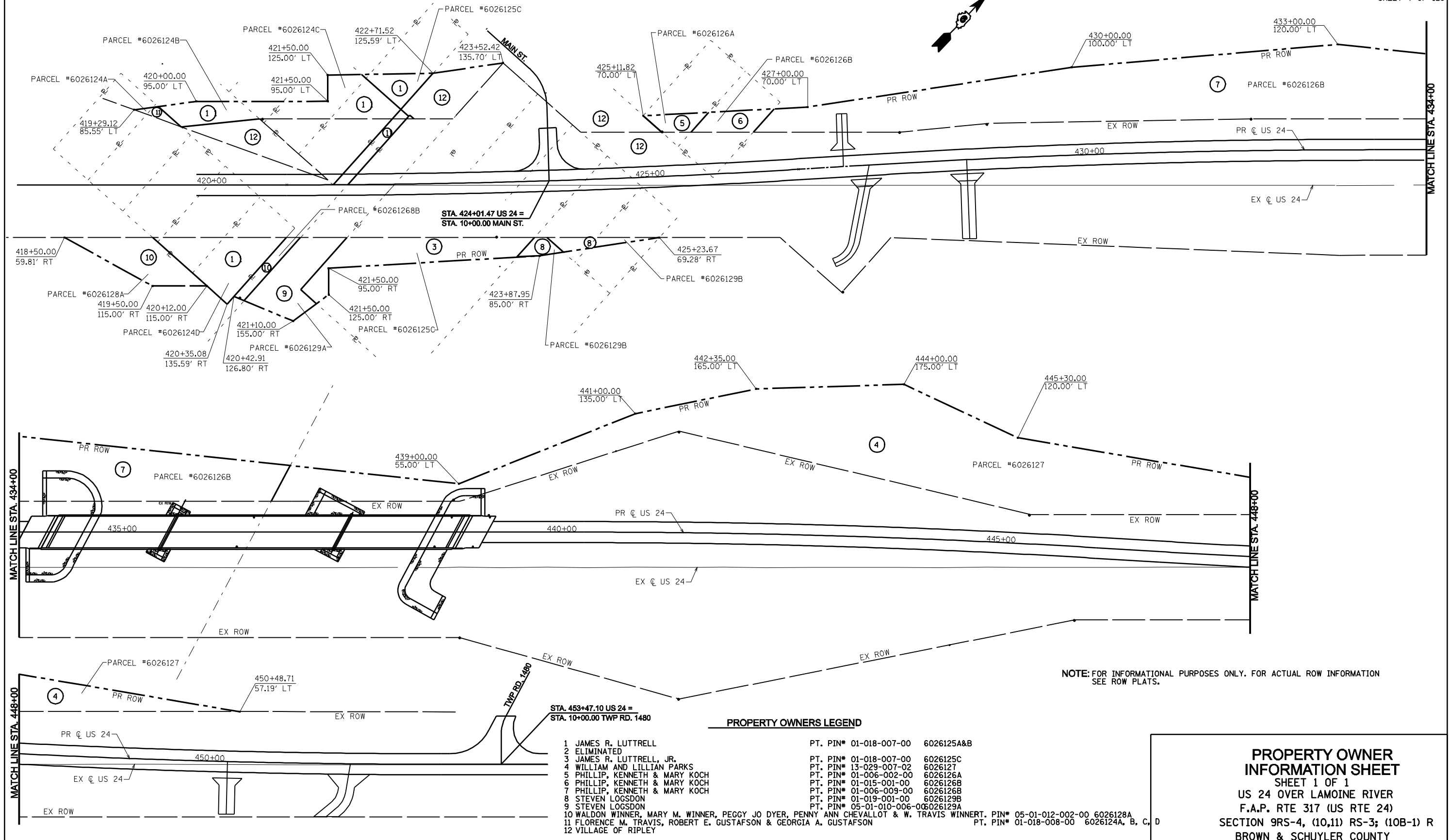
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

0 50 100  
SCALE: 1" = 50'  
FEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	79

STA. 420+00.00 TO STA. 454+00.00  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 7 OF 123



NOTE: FOR INFORMATIONAL PURPOSES ONLY. FOR ACTUAL ROW INFORMATION SEE ROW PLATS.

PROPERTY OWNERS LEGEND

- |   |                           |                   |
|---|---------------------------|-------------------|
| 1 JAMES R. LUTTRELL   | PT. PIN# 01-018-007-00    | 6026125A&B        |
| 2 ELIMINATED  |                           |                   |
| 3 JAMES R. LUTTRELL, JR.  | PT. PIN# 01-018-007-00    | 6026125C          |
| 4 WILLIAM AND LILLIAN PARKS   | PT. PIN# 13-029-007-02    | 6026127           |
| 5 PHILLIP, KENNETH & MARY KOCH  | PT. PIN# 01-006-002-00    | 6026126A          |
| 6 PHILLIP, KENNETH & MARY KOCH  | PT. PIN# 01-015-001-00    | 6026126B          |
| 7 PHILLIP, KENNETH & MARY KOCH  | PT. PIN# 01-006-009-00    | 6026126B          |
| 8 STEVEN LOGSDON  | PT. PIN# 01-019-001-00    | 6026129B          |
| 9 STEVEN LOGSDON  | PT. PIN# 05-01-010-006-00 | 6026129A          |
| 10 WALDON WINNER, MARY M. WINNER, PEGGY JO DYER, PENNY ANN CHEVALLOT & W. TRAVIS WINNERT. | PT. PIN# 05-01-012-002-00 | 6026128A          |
| 11 FLORENCE M. TRAVIS, ROBERT E. GUSTAFSON & GEORGIA A. GUSTAFSON                         | PT. PIN# 01-018-008-00    | 6026124A, B, C, D |
| 12 VILLAGE OF RIPLEY  |                           |                   |

**PROPERTY OWNER  
INFORMATION SHEET**  
SHEET 1 OF 1  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	80

STA. 420+00.00 TO STA. 454+00.00  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 8 OF 123

SEEDING AND MULCH SCHEDULE

LOCATION STATION TO STATION	LT/RT	PLAN AREA (1:3 SLOPES & FLATTER) SQ FT	PLAN AREA (SLOPES STEEPER THAN 1:3) SQ FT	PLAN AREA x SLOPE FACTOR (1:3 SLOPES & FLATTER) SQ FT	PLAN AREA x SLOPE FACTOR (SLOPES STEEPER THAN 1:3) SQ FT	PLAN AREA (1:3 SLOPES & FLATTER) SQ YD	PLAN AREA (SLOPES STEEPER THAN 1:3) SQ YD	25000200	25000300	25000400	25000500	25000600	25000700	28000250	25100115
								SEEDING, CLASS 2	SEEDING, CLASS 3	NITROGEN (90 LB/ACRE)	PHOSPHORUS (90 LB/ACRE)	POTASSIUM (90 LB/ACRE)	AGRICULTURAL GROUND LESTONE (2 TON/ACRE)	TEMPORARY EROSION CONTROL SEEDING (100 LB/ACRE)	MULCH, METHOD 2
								ACRE	ACRE	POUND	POUND	POUND	TON	POUND	ACRE
STA. 418+50 TO STA. 421+49	LT	17566.90		18515.51		2057.28		0.4251		38.26	38.26	38.26	0.8501	42.51	0.43
STA. 421+49 TO STA. 423+87	LT	0.00	9444.29				1173.19		0.2424	21.82	21.82	21.82	0.4848	24.24	
STA. 421+49 TO STA. 423+87	LT	3715.26		3915.88		435.10		0.0899		8.09	8.09	8.09	0.1798	8.99	0.09
STA. 419+00 TO STA. 427+49	RT	43223.90		45557.99		5062.00		1.0459		94.13	94.13	94.13	2.0917	104.59	1.05
STA. 427+46 TO STA. 430+48	LT	14789.00		15587.61		1731.96		0.3578		32.21	32.21	32.21	0.7157	35.78	0.36
STA. 427+59 TO STA. 428+65	RT	4600.59		4849.02		538.78		0.1113		10.02	10.02	10.02	0.2226	11.13	0.11
STA. 428+89 TO STA. 434+15	RT	23545.30		24816.75		2757.42		0.5697		51.27	51.27	51.27	1.1394	56.97	0.57
STA. 430+48 TO STA. 433+00	LT	17447.14		18389.29		2043.25		0.4222		37.99	37.99	37.99	0.8443	42.22	0.42
STA. 433+00 TO STA. 434+66	LT	0.00	11809.60				1467.01		0.3031	27.28	27.28	27.28	0.6062	30.31	
STA. 438+75 TO STA. 448+50	RT	46376.80		48881.15		5431.24		1.1222		100.99	100.99	100.99	2.2443	112.22	1.12
STA. 444+50 TO STA. 447+50	LT	0.00	20333.64				2525.89		0.5219	46.97	46.97	46.97	1.0438	52.19	
STA. 447+50 TO STA. 450+00	RT	7685.96	709.86	8101.00	793.62	900.11	88.18	0.1860	0.0182	18.38	18.38	18.38	0.3719	20.42	0.19
STA. 448+50 TO STA. 450+25	LT	5133.06		5410.25		601.14		0.1242		11.18	11.18	11.18	0.2484	12.42	0.12
STA. 450+00 TO STA. 450+30	LT	7777.05		8197.01		910.78		0.1882		16.94	16.94	16.94	0.3764	18.82	0.19
STA. 450+50 TO STA. 451+60	RT	2751.80		2751.78		305.75		0.0632		5.69	5.69	5.69	0.1263	6.32	0.06
STA. 451+84 TO STA. 454+00	RT	5993.28		6316.92		701.88		0.1450		13.05	13.05	13.05	0.2900	14.50	0.15
STA. 463+63 TO STA. 454+00	LT	1115.01		1175.22		130.58		0.0270		2.43	2.43	2.43	0.0540	2.70	0.03
<b>TOTALS</b>								<b>5.00</b>	<b>1.10</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>11.9</b>	<b>586</b>	<b>5.00</b>

EROSION CONTROL BLANKET		
STATION TO STATION	LT/RT	SQ YD
STA. 421+49 TO STA. 423+87	LT	1106.03
STA. 433+00 TO STA. 434+66	LT	1467.01
STA. 439+50 TO STA. 450+19	RT	433.33
STA. 444+50 TO STA. 447+50	LT	2525.89
STA. 447+50 TO STA. 449+00	LT	88.18
STA. 450+50 TO STA. 451+60	RT	44.55
STA. 451+84 TO STA. 454+00	RT	97.29
STA. 450+63 TO STA. 453+19	LT	149.46
<b>TOTALS</b>		<b>5912</b>

AGGREGATE DITCH CHECKS			28000315
LOCATION	OFFSET FT	LT/RT	QUANTITY TON
STA. 419+39.14	65.6	RT	6
STA. 419+78.11	74.9	RT	6
STA. 420+17.09	84.0	RT	6
STA. 420+55.70	95.2	RT	6
STA. 421+90.14	35.2	LT	6
STA. 422+30.18	36.0	LT	6
STA. 422+30.85	85.1	LT	6
STA. 422+70.41	35.6	LT	6
STA. 422+71.27	83.9	LT	6
STA. 423+10.50	36.4	LT	6
STA. 423+11.57	83.9	LT	6
STA. 423+38.41	42.4	RT	6
STA. 423+50.80	36.0	LT	6
STA. 423+78.59	42.0	RT	6
STA. 424+18.53	42.4	RT	6
STA. 424+58.61	42.9	RT	6
STA. 424+71.21	35.1	LT	6
STA. 425+11.47	35.5	LT	6
STA. 425+51.98	35.0	LT	6
STA. 425+91.74	35.5	LT	6
STA. 426+19.74	36.8	LT	6
STA. 426+47.87	39.4	LT	6
STA. 426+76.31	42.3	LT	6
STA. 427+04.12	45.4	LT	6
STA. 427+88.65	53.3	LT	6
STA. 428+17.02	56.5	LT	6
STA. 428+44.96	59.2	LT	6
STA. 428+72.74	62.7	LT	6
STA. 429+00.93	66.2	LT	6
STA. 429+28.73	69.5	LT	6
STA. 429+56.71	73.3	LT	6
STA. 429+84.45	77.0	LT	6
STA. 430+12.17	80.0	LT	6
STA. 430+52.22	82.6	LT	6
STA. 431+01.60	86.4	LT	6
STA. 431+51.68	90.6	LT	6
STA. 432+00.99	95.5	LT	6
STA. 432+50.78	98.6	LT	6
STA. 433+00.15	100.4	LT	6
STA. 433+49.47	91.5	LT	6
STA. 433+99.56	80.8	LT	6
STA. 441+49.28	35.9	LT	6
STA. 441+50.46	35.5	RT	6
STA. 443+48.79	34.9	LT	6
STA. 443+51.01	34.9	RT	6
STA. 445+47.90	38.2	LT	6
STA. 445+51.97	35.7	RT	6
STA. 445+79.63	77.5	LT	6
STA. 446+08.03	74.4	LT	6
STA. 446+35.75	71.3	LT	6
STA. 446+63.43	61.2	LT	6
STA. 447+47.77	39.7	LT	6
STA. 447+51.99	37.9	RT	6
STA. 449+51.15	38.1	RT	6
STA. 451+01.26	37.8	RT	6
STA. 451+49.32	36.0	LT	6
STA. 453+49.59	35.5	RT	6
<b>TOTAL</b>			<b>342</b>

SUMMARY OF EARTHWORK				FOR INFORMATION ONLY			
DESCRIPTION	LOCATION	STATION TO STATION	LENGTH	20200100	20400800	20200200	20200500
				EARTH EX. VOLUME	EARTH EX. ADJUSTED FOR SHRINKAGE	EMBANKMENT VOLUME	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (FURNISHED EX.)
				CU YD	CU YD	CU YD	CU YD
<b>US 24</b>							
BEGINNING TO CENTER OF BRIDGE	STA. 418+50.00	TO STA. 436+68.66	1818.66 FT	7850	6280	23782	-17502
CENTER OF BRIDGE TO END	STA. 436+68.66	TO STA. 454+00.00	1731.34 FT	22012	17610	1060	16550
CENTER OF BRIDGE TO STA. 444+50	STA. 439+50.00	TO STA. 444+50.00	500.00 FT				27671
BEGINNING TO STA. 424+00	STA. 420+00.00	TO STA. 424+00.00	400.00 FT				90
STA. 450+00 TO END	STA. 450+00.00	TO STA. 454+00.00	400.00 FT				93
<b>TOTAL</b>				<b>29862</b>	<b>23890</b>	<b>24842</b>	<b>-952</b>
							<b>27671</b>
							<b>183</b>

NOTE: A SHRINKAGE FACTOR OF 20% WAS USED TO CALCULATE QUANTITIES OF WASTE MATERIAL.

RIPRAP FOR DITCHES AND CULVERTS										28100707	28200200	
LOCATION	STATION TO STATION	RT/LT	LENGTH	WIDTH	ADJUSTED WIDTH (FOR SLOPES 1:3, 1:3)	ADJUSTED WIDTH (FOR SLOPES 1:4, 1:3)	ADJUSTED WIDTH (FOR SLOPES 1:2, 1:2)	AREA	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP	28100707	28200200
											SQ YD	SQ YD
STA. 419+00.00	TO	421+02.53	RT	177.66	8.00	9.21		182	182	182	182	
STA. 420+99.80	TO	421+20.75	RT	50.00	25.00			125	125	125	125	
STA. 421+62.00	TO	423+68.90	LT	205.48	9.00		10.07	230	230	230	230	
STA. 422+00.00	TO	423+50.00	LT	150.00	8.00			175	175	175	175	
STA. 423+52.00	TO	423+62.00	LT	10.00	47.00			52	52	52	52	
STA. 424+51.00	TO	427+18.00	LT	266.20	9.00		10.07	298	298	298	298	
STA. 427+66.50	TO	434+26.25	LT	668.85	8.00	9.21		684	684	684	684	
STA. 439+50.00	TO	444+10.00	LT	465.00	8.00			542	542	542	542	
STA. 442+25.00	TO	447+00.00	LT	487.74	8.00			568	568	568	568	
STA. 444+10.00	TO	444+67.00	LT	57.20	10.00			749	749	749	749	
STA. 447+53.00	TO	449+50.00	LT	196.27	9.00			257	257	257	257	
STA. 449+50.00	TO	449+84.01	LT	34.20	21.55			82	82	82	82	
STA. 449+84.01	TO	450+00.16	LT	15.99	16.25			29	29	29	29	
<b>TOTAL</b>								<b>3973</b>	<b>3973</b>	<b>3973</b>	<b>3973</b>	

TOPSOIL EXCAVATION AND PLACEMENT				FOR INFORMATION ONLY			21101505
LOCATION	STATION TO STATION	LENGTH	TOPSOIL EX. VOLUME	TOPSOIL EX. ADJUSTED FOR SHRINKAGE	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (FURNISHED EX.)	TOPSOIL PLACEMENT VOLUME	21101505
							CU YD
STA. 424+50.00	TO	STA. 433+50.00	900.00 FT	1790	1342	1342	
STA. 418+50.00	TO	STA. 436+68.66	1818.66 FT		-1884	1884	
STA. 436+68.66	TO	STA. 454+50.00	1781.34 FT		-1177	1177	
<b>TOTAL</b>				<b>1790</b>	<b>1342</b>	<b>-1719</b>	<b>3061</b>

TREE REMOVAL (6 TO 15 UNITS DIAMETER)				20100110
LOCATION	OFFSET FT	LT/RT	QUANTITY UNIT	20100110
STA. 427+12.48	37.90	LT	6	6
STA. 432+69.53	9.00	LT	12	12
STA. 448+08.73	29.30	LT	15	15
STA. 449+41.88	48.60	LT	14	14
<b>TOTAL</b>				<b>47</b>

TREE REMOVAL, ACRES			20100500
LOCATION	STATION TO STATION	LT/RT	AREA ACRES
STA. 419+00.00	STA. 423+32.00	LT	0.443
STA. 423+14.00	STA. 424+21.00	RT	0.022
STA. 426+66.64	STA. 430+00.63	LT	0.132
STA. 430+02.92	STA. 435+13.32	LT	0.255
STA. 439+27.61	STA. 443+27.01	LT	0.800
STA. 443+84.74	STA. 446+96.61	RT	0.050
STA. 444+65.44	STA. 447+67.20	LT	0.356
<b>TOTAL</b>			<b>2.1</b>



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	81

STA. 420+00.00 TO STA. 454+00.00  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 9 OF 123

BITUMINOUS MATERIALS (PRIME COAT)					AGGREGATE (PRIME COAT)		
LOCATION STATION TO STATION		AREA SQ YD	CONV GAL/SQ YD	CONV TON/GAL	40800200 QUANTITY TON	40800300 QUANTITY TON	40800300 QUANTITY TON
STA. 419+60.00	TO STA. 427+57.51	1485.73	0.10	0.004	0.59	4.00	2.97
STA. 446+19.35	TO STA. 454+00.00	1444.15	0.10	0.004	0.58	4.00	2.89
STA. 420+00.00	TO STA. 434+04.07	2401.00	0.05	0.004	0.48	4.00	4.80
STA. 439+33.25	TO STA. 454+00.00	2532.00	0.05	0.004	0.51	4.00	5.06
STA. 424+01.47	TO STA. 424+01.47	150.00	0.05	0.004	0.03	4.00	0.30
STA. 453+47.10	TO STA. 453+47.10	185.00	0.05	0.004	0.04	4.00	0.37
<b>TOTAL</b>					<b>2.2</b>		<b>16.4</b>

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH			40800990 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 420+00.00 TO STA. 423+00.00	22		733
STA. 452+50.00 TO STA. 454+00.00	22		367
<b>TOTAL</b>			<b>1100</b>

AGGREGATE SHOULDERS, TYPE B 6" 48101500				48101500 QUANTITY SQ YD
LOCATION STATION TO STATION	LT/RT	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 420+00.00 TO STA. 423+91.59	LT			146
STA. 420+00.00 TO STA. 427+45.38	RT			249
STA. 424+11.71 TO STA. 434+31.97	LT			363
STA. 427+77.23 TO STA. 428+59.31	RT			27
STA. 428+94.50 TO STA. 434+13.18	RT			179
STA. 439+05.37 TO STA. 451+57.16	RT			423
STA. 439+24.13 TO STA. 453+41.50	LT			491
STA. 452+10.84 TO STA. 454+00.00	RT			62
STA. 453+60.70 TO STA. 454+00.00	LT			27
<b>TOTAL</b>				<b>1967</b>

TEMPORARY RAMP			40800990 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD
STA. 419+60.00 TO STA. 420+40.00			213
STA. 453+60.00 TO STA. 454+40.00			213
<b>TOTAL</b>			<b>426</b>

HOT MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"					40701951 HMA PAVEMENT (FULL DEPTH) 13 1/2" QUANTITY SQ YD
DESCRIPTION	LOCATION	STATION TO STATION	LENGTH FT	WIDTH FT	QUANTITY SQ YD
BEGINNING TO BRIDGE APPROACH PAVEMENT		STA. 420+00.00 TO STA. 434+04.07	1404.07	FT	2401
END OF BRIDGE APPROACH PAVEMENT TO END MAIN STREET INTERSECTION		STA. 439+33.25 TO STA. 454+00.00	1466.75	FT	2532
TWP ROAD 1480		STA. 424+01.47 TO STA. 424+01.47	0.00	FT	150
		STA. 453+47.10 TO STA. 453+47.10	0.00	FT	185
<b>TOTAL</b>					<b>5268</b>

GUARDRAIL REMOVAL				63200310 TANGENT QUANTITY EACH
LOCATION STATION TO STATION	LT/RT	WIDTH FT	DEPTH INCH	QUANTITY EACH
STA. 419+10.00 TO STA. 421+10.50	LT			201
STA. 419+57.85 TO STA. 421+58.61	RT			201
STA. 432+78.04 TO STA. 433+54.95	RT			77
STA. 432+96.21 TO STA. 433+72.83	LT			77
STA. 438+43.29 TO STA. 439+20.24	RT			77
STA. 438+60.85 TO STA. 439+37.79	LT			77
<b>TOTAL</b>				<b>710</b>

PROTECTIVE COAT				42001300 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 434+04.07 TO STA. 434+34.07			120	
STA. 439+03.25 TO STA. 439+33.25			120	
STA. 451+77.40 TO STA. 451+77.40			98	
<b>TOTAL</b>				<b>338</b>

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT				63100085 QUANTITY EACH
LOCATION STATION TO STATION	LT/RT	WIDTH FT	DEPTH INCH	QUANTITY EACH
STA. 431+90.31 TO STA. 432+40.31	LT			1
STA. 430+84.03 TO STA. 431+34.03	RT			1
STA. 442+03.28 TO STA. 442+53.28	LT			1
STA. 440+97.00 TO STA. 441+47.00	RT			1
<b>TOTAL</b>				<b>4</b>

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					40603310 QUANTITY TON
LOCATION STATION TO STATION	AREA SQ YD	DEPTH INCH	CONV LB/SQ YD/IN	QUANTITY TON	
STA. 419+60.00 TO STA. 427+57.51	1485.73	2	112	166	
STA. 446+19.35 TO STA. 454+00.00	1444.15	2	112	162	
<b>TOTAL</b>					<b>328</b>

HOT-MIX ASPHALT SHOULDERS, 8" HMA SHOULDERS 8"						48203029 QUANTITY SQ YD
LOCATION STATION TO STATION	LT/RT	LENGTH FT	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 420+00.00 TO STA. 423+71.46	LT	371.46	FT		165	
STA. 420+00.00 TO STA. 433+95.68	RT	1395.68	FT		700	
STA. 424+32.77 TO STA. 434+12.17	LT	979.40	FT		496	
STA. 439+25.09 TO STA. 451+54.60	RT	1229.51	FT		605	
STA. 439+41.65 TO STA. 453+00.00	LT	1358.35	FT		685	
STA. 451+95.04 TO STA. 454+00.00	RT	204.96	FT		91	
STA. 453+80.50 TO STA. 454+00.00	LT	19.50	FT		9	
<b>TOTAL</b>						<b>2751</b>

REMOVE EXISTING CULVERTS				50105210 QUANTITY FOOT
LOCATION	OFFSET FT	LT/RT	LENGTH FT	QUANTITY FOOT
STA. 424+00.00	29.34	LT		50
STA. 427+37.00	20.73	LT		24
STA. 450+38.00	38.50	RT		26
STA. 451+71.50	36.98	RT		27
STA. 453+45.50	40.78	LT		52
<b>TOTAL</b>				<b>179</b>

LEVELING BINDER (MACHINE METHOD), N50					40800625 QUANTITY TON
LOCATION STATION TO STATION	VOLUME CU YD	DEPTH INCH	CONV LB/SQ YD/IN	QUANTITY TON	
STA. 420+50.00 TO STA. 427+50.00	82	VARIES	112	165	
STA. 446+50.00 TO STA. 453+50.00	164	VARIES	112	331	
<b>TOTAL</b>					<b>496</b>

CONCRETE HEADWALL REMOVAL				50104400 QUANTITY EACH
LOCATION	OFFSET FT	LT/RT	LENGTH FT	QUANTITY EACH
STA. 420+60.89	58.91	RT		1
STA. 420+97.18	42.25	LT		1
<b>TOTAL</b>				<b>2</b>

TRAFFIC BARRIER TERMINAL, TYPE 6				63100085 QUANTITY EACH
LOCATION STATION TO STATION	LT/RT	WIDTH FT	DEPTH INCH	QUANTITY EACH
STA. 433+90.31 TO STA. 434+35.96	LT			1
STA. 433+71.53 TO STA. 434+17.18	RT			1
STA. 439+20.13 TO STA. 439+65.78	LT			1
STA. 439+01.35 TO STA. 439+47.00	RT			1
<b>TOTAL</b>				<b>4</b>

INCIDENTAL HOT-MIX ASPHALT SURFACING					40800050 QUANTITY TON
LOCATION	AREA SQ YD	DEPTH INCH	CONV LB/SQ YD/IN	QUANTITY TON	
STA. 427+65.90 RT	23.95	3.5	112	4.7	
STA. 428+77.00 RT	26.67	3.5	112	5.2	
STA. 451+75.00 RT	16.26	3.5	112	3.2	
<b>TOTAL</b>					<b>13.1</b>

PERMANENT SURVEY MARKERS, TYPE 1				166700205 QUANTITY EACH
LOCATION	PC/PT	LENGTH FT	QUANTITY EACH	
STA. 421+03.04	PC		1	
STA. 426+85.50	PT		1	
STA. 427+58.08	PC		1	
STA. 433+40.58	PT		1	
STA. 440+43.10	PC		1	
STA. 446+25.44	PT		1	
STA. 446+97.90	PC		1	
STA. 452+80.20	PT		1	
<b>TOTAL</b>				<b>8</b>

CLASS D PATCHES, TYPE I, 15 INCH				44201823 QUANTITY SQ YD
LOCATION	OFFSET FT	LT/RT	LENGTH FT	QUANTITY SQ YD
STA. 423+00.00				5.4
<b>TOTAL</b>				<b>5.4</b>

STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT				63000671 QUANTITY FOOT
LOCATION STATION TO STATION	LT/RT	WIDTH FT	DEPTH INCH	QUANTITY FOOT
STA. 432+40.31 TO STA. 433+90.31	LT			150.00
STA. 431+34.03 TO STA. 433+71.53	RT			237.50
STA. 439+65.78 TO STA. 442+03.28	LT			237.50
STA. 439+47.00 TO STA. 440+97.00	RT			150.00
<b>TOTAL</b>				<b>775</b>

APPROACH SLAB REMOVAL				44000700 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 433+64.69 TO STA. 433+84.69	30		67	
STA. 438+31.84 TO STA. 438+51.84	30		67	
<b>TOTAL</b>				<b>134</b>

PAVEMENT REMOVAL				44000100 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 424+06.95 TO STA. 433+64.69			1758	
STA. 438+51.84 TO STA. 449+69.65			2136	
STA. 451+77.40 TO STA. 451+77.40			112	
STA. 453+47.10 TO STA. 453+47.10			179	
<b>TOTAL</b>				<b>4185</b>

BRIDGE APPROACH PAVEMENT				42001165 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 434+04.07 TO STA. 434+34.07			120	
STA. 439+03.25 TO STA. 439+33.25			120	
<b>TOTAL</b>				<b>240</b>

ENGINEER'S FIELD OFFICE, TYPE A				67000400 QUANTITY CAL MO
LOCATION	WIDTH FT	DEPTH INCH	QUANTITY CAL MO	
ENTIRE PROJECT			15	
<b>TOTAL</b>				<b>15</b>

TYPE C INLET BOX, STANDARD 609006					60900240 QUANTITY EACH
STATION	SIDE	METAL END SECTIONS (EACH)	PIPE DRAINS, CORRUGATED TYPE C INLET BOX (FOOT)	STEEL OR ALUMINUM ALLOY STANDARD 609006-05 (EACH)	QUANTITY EACH
STA. 439+16.10	RIGHT	1	17		1
STA. 439+35.25	LEFT	1	18		1
<b>TOTAL</b>					<b>2</b>

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 4 INCH				44004250 QUANTITY SQ YD
LOCATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 451+77.40			139	
<b>TOTAL</b>				<b>139</b>

PAVED SHOULDER REMOVAL				44004250 QUANTITY SQ YD
LOCATION STATION TO STATION	WIDTH FT	DEPTH INCH	QUANTITY SQ YD	
STA. 424+00.00 TO STA. 433+72.59	LT		1209	
STA. 424+00.00 TO STA. 433+76.75	RT		1387	
STA. 438+60.50 TO STA. 454+00.00	LT		1491	
STA. 438+43.70 TO STA. 454+00.00	RT		1667	
<b>TOTAL</b>				<b>5754</b>

CULVERT SCHEDULE													
LOCATION	RT/LT	PIPE CULVERTS, CLASS D, TYPE 1		PIPE CULVERTS, CLASS A, TYPE 1		PIPE CULVERTS, CLASS A, TYPE 2		PRC FLARED END SECTIONS		REINFORCED CONC. ELBOW	MAN TA 4 DIA T&G	CONCRETE COLLAR	
		24" FOOT	18" FOOT	24" FOOT	18" FOOT	30" FOOT	18" EACH	24" EACH	30" EACH				
STA. 420+81.94	LT	542D0229	542D1063	542A0229	542A1063	542A1075		54213683	54213689	54213675	54215985	60219000	54248515
STA. 420+81.94	RT					10							
STA. 424+01.47	LT					40							
STA. 427+37.68	LT		58					2					
STA. 450+37.48	RT												
STA. 451+70.42	RT												
STA. 453+47.27	LT												
<b>TOTAL</b>		<b>94</b>	<b>58</b>	<b>56</b>	<b>68</b>	<b>50</b>		<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>

**SCHEDULE OF  
QUANTITIES**  
SHEET 2 OF 3  
US 24 OVER LAMOINE

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	82
STA. 420+00.00 TO STA. 454+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 10 OF 123				

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS 70105			
LOCATION	OFFSET FT	LT/RT	QUANTITY EACH
STA. 418+50.00	59.81	RT	1
STA. 419+29.12	85.55	LT	1
STA. 419+50.00	115.00	RT	1
STA. 420+00.00	95.00	LT	1
STA. 420+12.00	115.00	RT	1
STA. 420+35.08	135.59	RT	1
STA. 420+42.91	126.80	RT	1
STA. 421+10.00	155.00	RT	1
STA. 421+50.00	95.00	LT	1
STA. 421+50.00	125.00	LT	1
STA. 421+50.00	95.00	RT	1
STA. 421+50.00	125.00	RT	1
STA. 422+71.52	125.59	LT	1
STA. 423+52.42	135.70	LT	1
STA. 423+87.95	85.00	RT	1
STA. 425+11.82	70.00	LT	1
STA. 425+23.67	69.28	RT	1
STA. 427+00.00	70.00	LT	1
STA. 430+00.00	100.00	LT	1
STA. 433+00.00	120.00	LT	1
STA. 439+00.00	55.00	LT	1
STA. 441+00.00	135.00	LT	1
STA. 442+35.00	165.00	LT	1
STA. 444+00.00	175.00	LT	1
STA. 445+30.00	120.00	LT	1
STA. 450+48.71	57.19	LT	1
<b>TOTAL</b>			<b>26</b>

TRAFFIC CONTROL AND PROTECTION	70100200 QUANTITY EACH	70100460 QUANTITY L SUM	70100500 QUANTITY L SUM	70101835 QUANTITY L SUM	70103815 QUANTITY CAL DA
TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	2				
TRAFFIC CONTROL AND PROTECTION, STANDARD 701306		1			
TRAFFIC CONTROL AND PROTECTION, STANDARD 701326			1		
TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22				1	
TRAFFIC CONTROL SURVEILLANCE					13
<b>TOTAL</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>13</b>

SHORT-TERM PAVEMENT MARKING				70300100 QUANTITY FOOT
LOCATION STATION TO STATION	NO. OF APPLICATIONS	APPLIED		
STA. 419+60.00 TO STA. 454+40.00	3	CENTERLINE		1044
<b>TOTAL</b>				<b>1044</b>

RAISED REFLECTIVE PAVEMENT MARKERS 8100100			
LOCATION STATION TO STATION	APPLIED	QUANTITY EACH	
STA. 419+60.00 TO STA. 454+40.00	CENTERLINE	44	
<b>TOTAL</b>			<b>44</b>

WORK ZONE PAVEMENT MARKING REMOVAL 70301000		QUANTITY SQ FT
SHORT TERM PAVEMENT MARKING (TOP LIFT)		145
<b>TOTAL</b>		<b>145</b>

GUARDRAIL MARKERS, TYPE A 78200410			
LOCATION	LT/RT	QUANTITY EACH	
STA. 430+83.88 TO 434+14.53	RT	4	
STA. 431+90.46 TO 434+33.61	LT	4	
STA. 439+03.71 TO 441+46.86	RT	4	
STA. 439+22.79 TO 442+53.44	LT	4	
<b>TOTAL</b>			<b>16</b>

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL 0300200			
LOCATION STATION TO STATION	QUANTITY EACH		
STA. 419+60.00 TO STA. 427+00.00	10		
STA. 447+00.00 TO STA. 454+40.00	10		
<b>TOTAL</b>			<b>20</b>

TERMINAL MARKER - DIRECT APPLIED 78201000		
LOCATION	LT/RT	QUANTITY EACH
STA. 431+44.03	RT	1
STA. 432+50.33	LT	1
STA. 439+24.51	RT	1
STA. 439+43.27	LT	1
<b>TOTAL</b>		<b>4</b>

MOBILIZATION		67100100 QUANTITY L SUM
ENTIRE PROJECT (STA. 420+00.00 TO STA. 454+00.00)		1
<b>TOTAL</b>		<b>1</b>

PAINT PAVEMENT MARKING - LINE 5" 78001120			
LOCATION STATION TO STATION	LT/RT	APPLIED	QUANTITY FOOT
STA. 419+60.00 TO STA. 423+62.00	LT	EDGE LINE	402.00
STA. 424+42.00 TO STA. 452+89.00	LT	EDGE LINE	2847.00
STA. 453+91.00 TO STA. 454+40.00	LT	EDGE LINE	49.00
STA. 419+60.00 TO STA. 454+40.00	RT	EDGE LINE	3480.00
STA. 419+60.00 TO STA. 454+40.00	CL	CENTERLINE	870.00
STA. 419+60.00 TO STA. 420+50.00	RT	EDGE LINE	90.00
<b>TOTAL</b>			<b>7738</b>

TEMPORARY PAVEMENT MARKING - LINE 5" 70300230			
LOCATION STATION TO STATION	LT/RT	APPLIED	QUANTITY FOOT
STA. 419+60.00 TO STA. 423+62.00	LT	EDGE LINE	402.00
STA. 424+42.00 TO STA. 452+89.00	LT	EDGE LINE	2847.00
STA. 453+91.00 TO STA. 454+40.00	LT	EDGE LINE	49.00
STA. 419+60.00 TO STA. 454+40.00	RT	EDGE LINE	3480.00
STA. 419+60.00 TO STA. 454+40.00	CL	CENTERLINE	870.00
STA. 419+60.00 TO STA. 420+50.00	RT	EDGE LINE	90.00
<b>TOTAL</b>			<b>7738</b>

TRANSVERSE DRAINS COMPLETE		QUANTITY EACH
STA 423+00 (NO SKEW)		1
STA 428+00		1
STA 431+00		1
STA 445+50		1
ONE VARIOUS PER DISTRICT 6		1
<b>TOTAL</b>		<b>5</b>

FENCE REMOVAL				Z0022800 QUANTITY FOOT
LOCATION STATION TO STATION				
STA. 418+69.00	LT TO	STA. 419+06.00	LT	37
STA. 420+91.00	LT TO	STA. 421+36.00	LT	45
STA. 425+11.00	LT TO	STA. 425+27.00	LT	22
STA. 430+09.00	LT TO	STA. 430+24.00	LT	21
STA. 438+93.00	LT TO	STA. 440+83.00	LT	199
STA. 440+94.00	LT TO	STA. 441+04.00	LT	27
STA. 445+33.00	LT TO	STA. 445+45.00	LT	17
STA. 450+14.00	LT TO	STA. 450+50.00	LT	36
<b>TOTAL</b>				<b>404</b>

THE FOLLOWING ARE ESTIMATED QUANTITIES FOR CORRECTING GEOTECHNICAL PROBLEMS. THESE QUANTITIES MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.		
PAY ITEM	ESTIMATED LIMITS	ESTIMATED QUANTITY
ROCKFILL-SUBGRADE (Z0054530)	444+25 TO 445+50 & VARIOUS	350 TONS
EARTH EXCAVATION (ROCKFILL) (X2020500)	444+25 TO 445+50 & VARIOUS	670 CU YD
TRANSVERSE DRAINS COMPLETE	445+50 & VARIOUS	2 EACH

CONSTRUCTION LAYOUT		Z0013798 QUANTITY L SUM
ENTIRE PROJECT		1
<b>TOTAL</b>		<b>1</b>

RELOCATE SIGN PANEL - TYPE I 72400710		
LOCATION	LT/RT	QUANTITY SQ FT
STA. 430+65.30	RT	5
STA. 430+65.30	RT	5
STA. 453+41.24	RT	5
STA. 453+28.53	LT	5
<b>TOTAL</b>		<b>20</b>

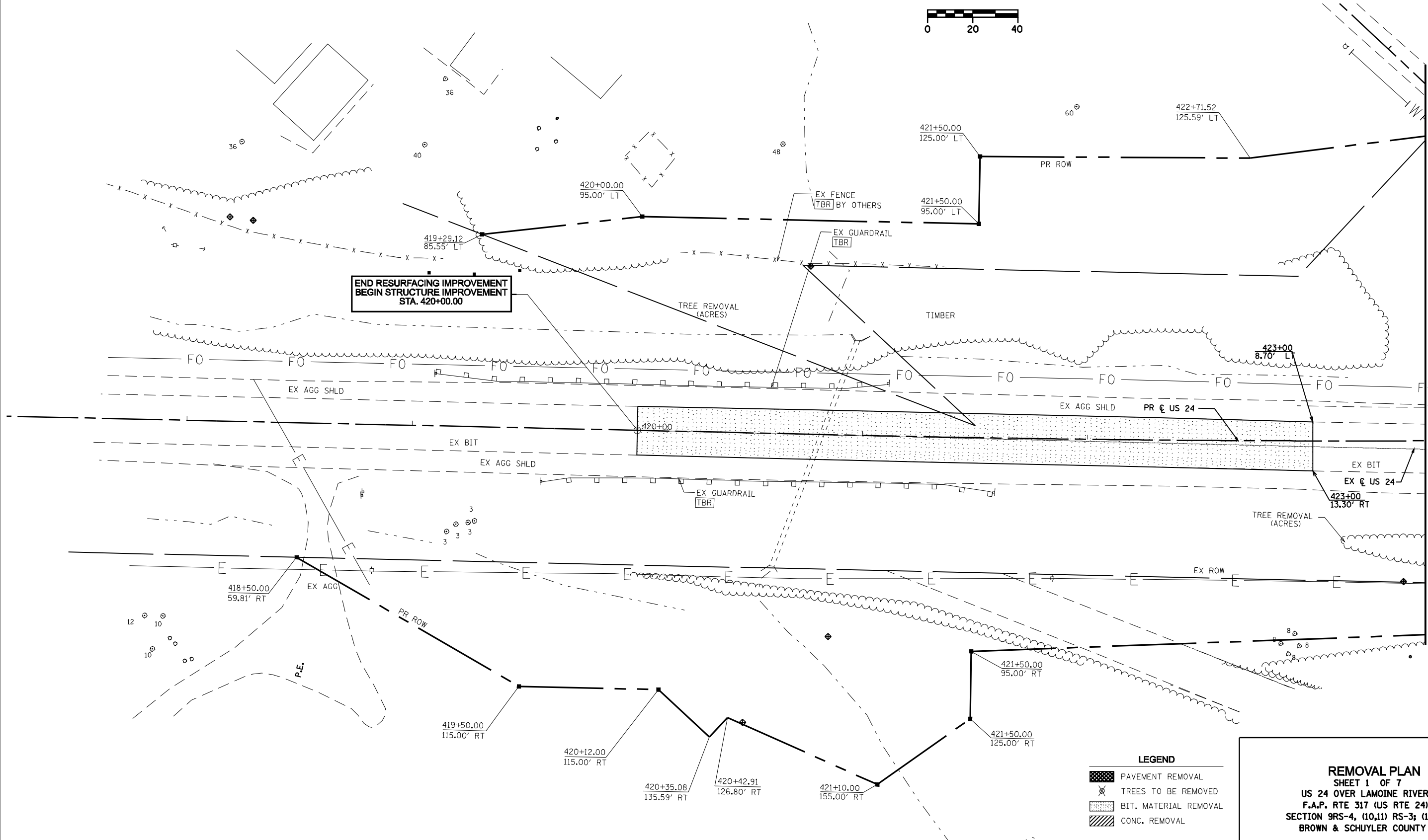
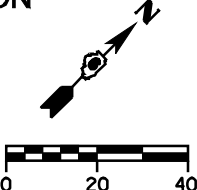
RELOCATE SIGN PANEL ASSEMBLY - TYPE B 72400750		
LOCATION	LT/RT	QUANTITY EACH
STA. 433+46.46	RT	1
<b>TOTAL</b>		<b>1</b>

RELOCATE SIGN PANEL ASSEMBLY - TYPE C 72400760		
LOCATION	LT/RT	QUANTITY EACH
STA. 438+40.99	RT	1
<b>TOTAL</b>		<b>1</b>

**SCHEDULE OF QUANTITIES**  
SHEET 3 OF 3  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	83
STA. 418+00 TO STA. 423+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 11 OF 123				



END RESURFACING IMPROVEMENT  
BEGIN STRUCTURE IMPROVEMENT  
STA. 420+00.00

MATCH LINE STA. 423+50

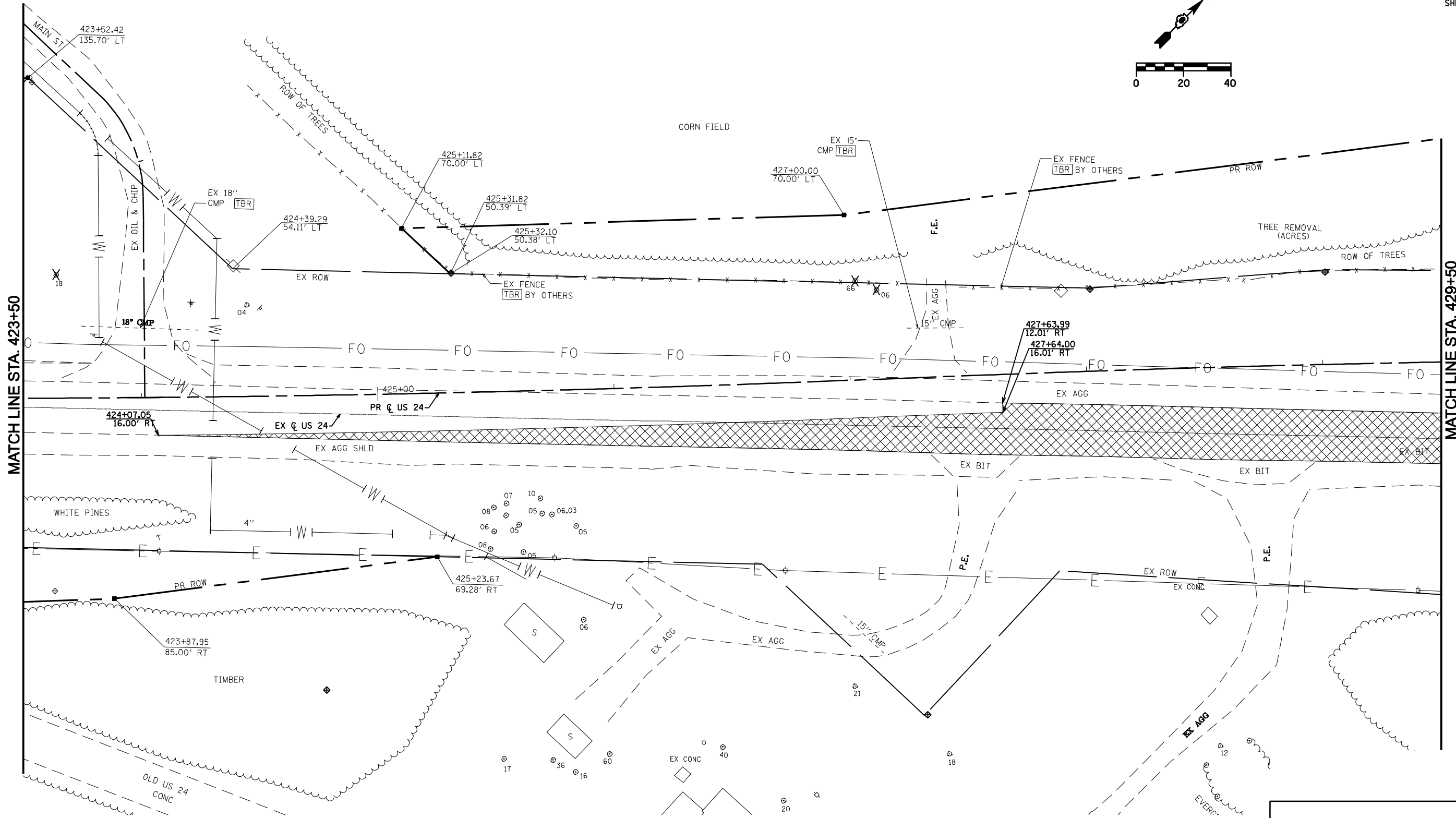
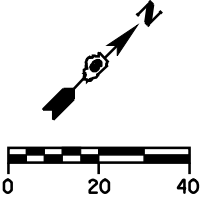
**LEGEND**

	PAVEMENT REMOVAL
	TREES TO BE REMOVED
	BIT. MATERIAL REMOVAL
	CONC. REMOVAL

**REMOVAL PLAN**  
SHEET 1 OF 7  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	84
STA. 423+50 TO STA. 429+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 12 OF 123				



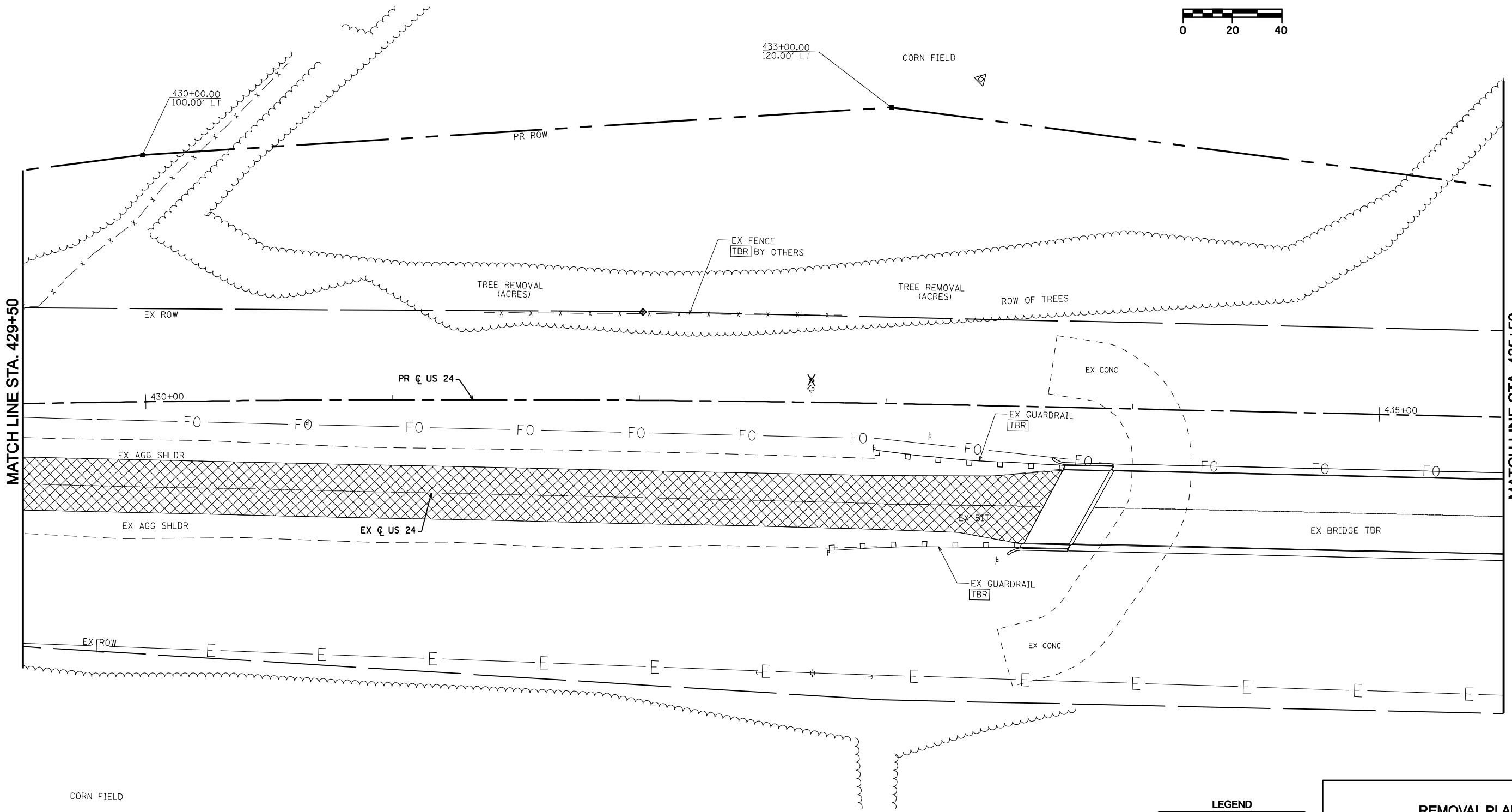
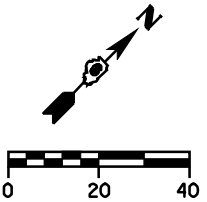
**LEGEND**

	PAVEMENT REMOVAL
	TREES TO BE REMOVED
	BIT. MATERIAL REMOVAL
	CONC. REMOVAL

**REMOVAL PLAN**  
SHEET 2 OF 7  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	85
STA. 429+50 TO STA. 435+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 13 OF 123				



MATCH LINE STA. 429+50

MATCH LINE STA. 435+50

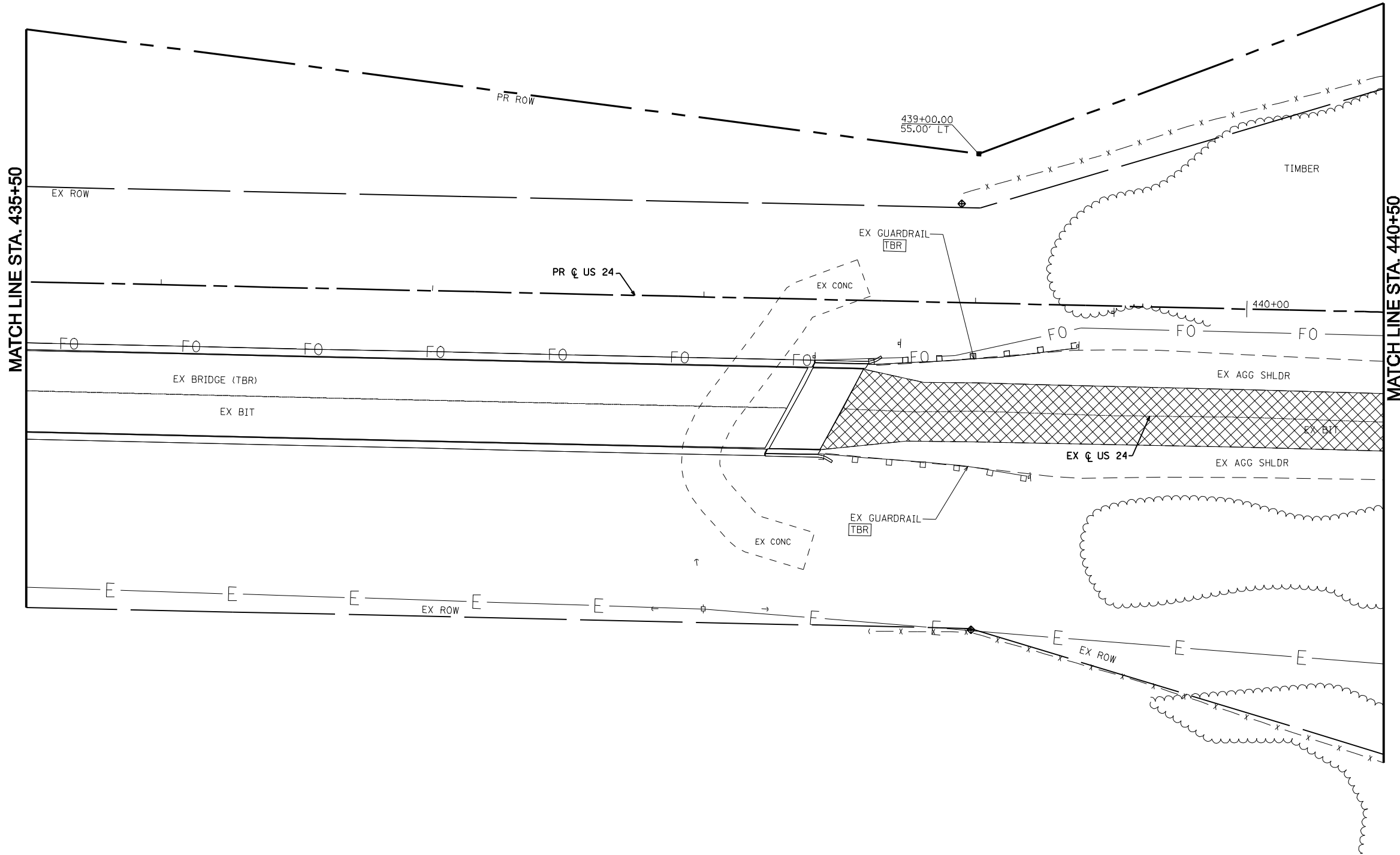
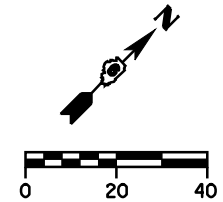
**LEGEND**

	PAVEMENT REMOVAL
	TREES TO BE REMOVED
	BIT. MATERIAL REMOVAL
	CONC. REMOVAL

**REMOVAL PLAN**  
SHEET 3 OF 7  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	86
STA. 435+50 TO STA. 440+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
* 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 14 OF 123				



MATCH LINE STA. 435+50

MATCH LINE STA. 440+50

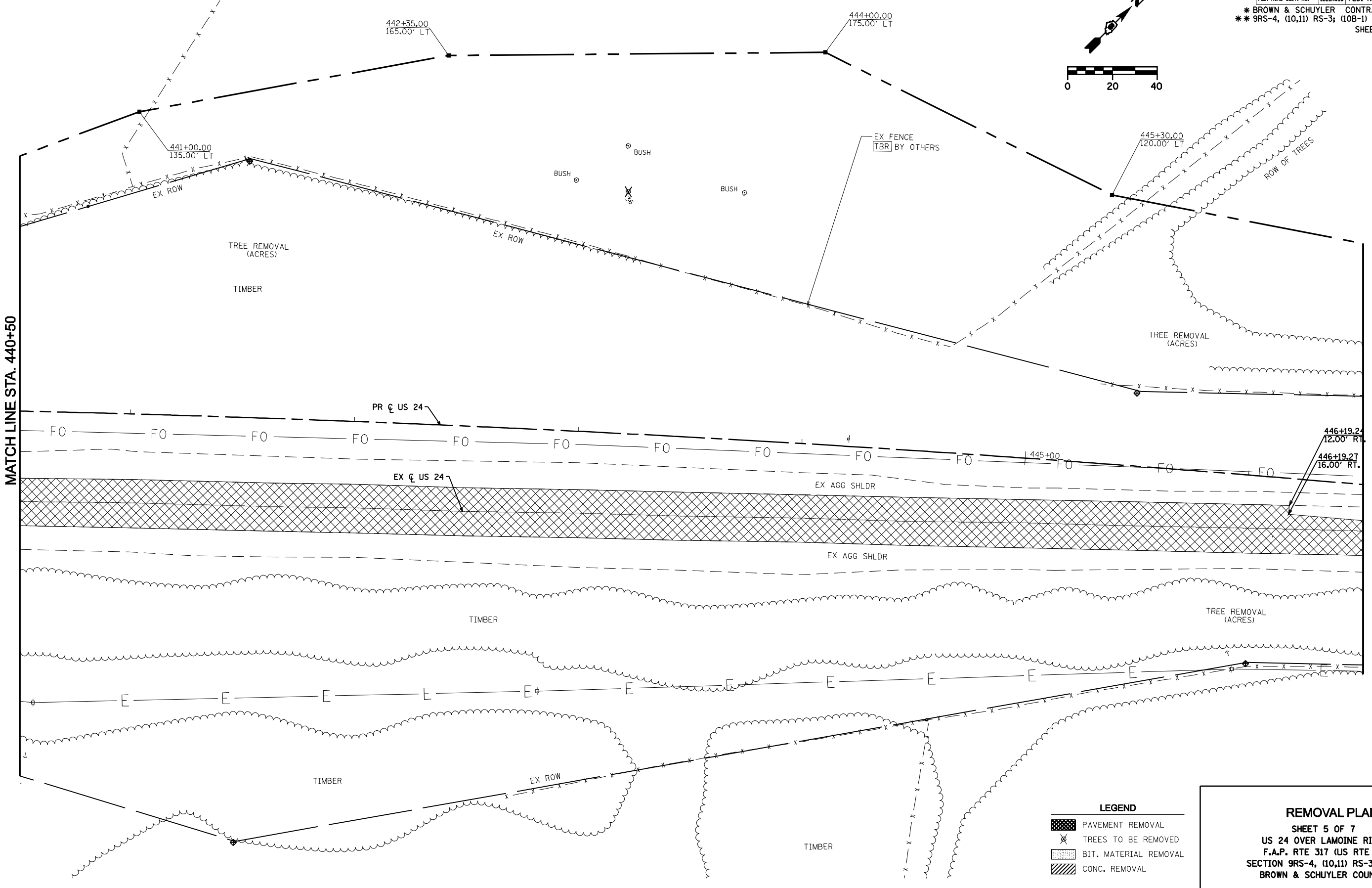
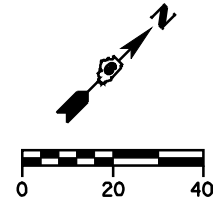
**LEGEND**

	PAVEMENT REMOVAL
	TREES TO BE REMOVED
	BIT. MATERIAL REMOVAL
	CONC. REMOVAL

**REMOVAL PLAN**  
SHEET 4 OF 7  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	87
STA. 440+50 TO STA. 446+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
* 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 15 OF 123				



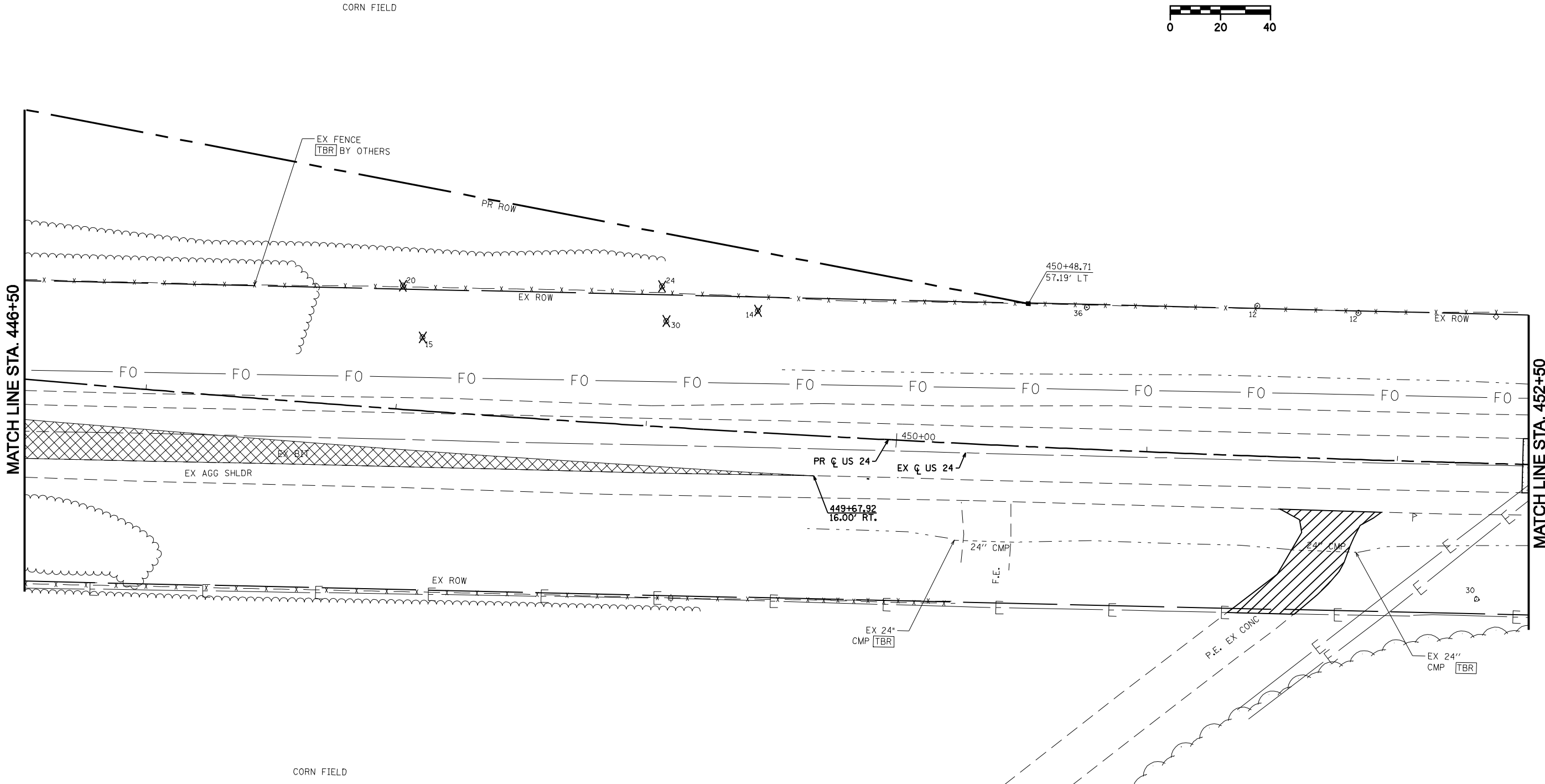
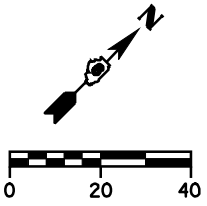
**LEGEND**

	PAVEMENT REMOVAL
	TREES TO BE REMOVED
	BIT. MATERIAL REMOVAL
	CONC. REMOVAL

**REMOVAL PLAN**  
SHEET 5 OF 7  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	88
STA. 446+50 TO STA. 452+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 16 OF 123				



**LEGEND**

	PAVEMENT REMOVAL
	TREES TO BE REMOVED
	BIT. MATERIAL REMOVAL
	CONC. REMOVAL

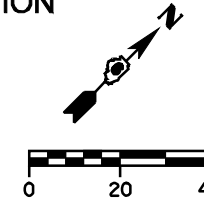
**REMOVAL PLAN**  
SHEET 6 OF 7  
US 24 OVER LAMOINE RIVER  
F.A.P. RTE 317 (US RTE 24)  
SECTION 9RS-4, (10,11) RS-3; (10B-1) R  
BROWN & SCHUYLER COUNTY



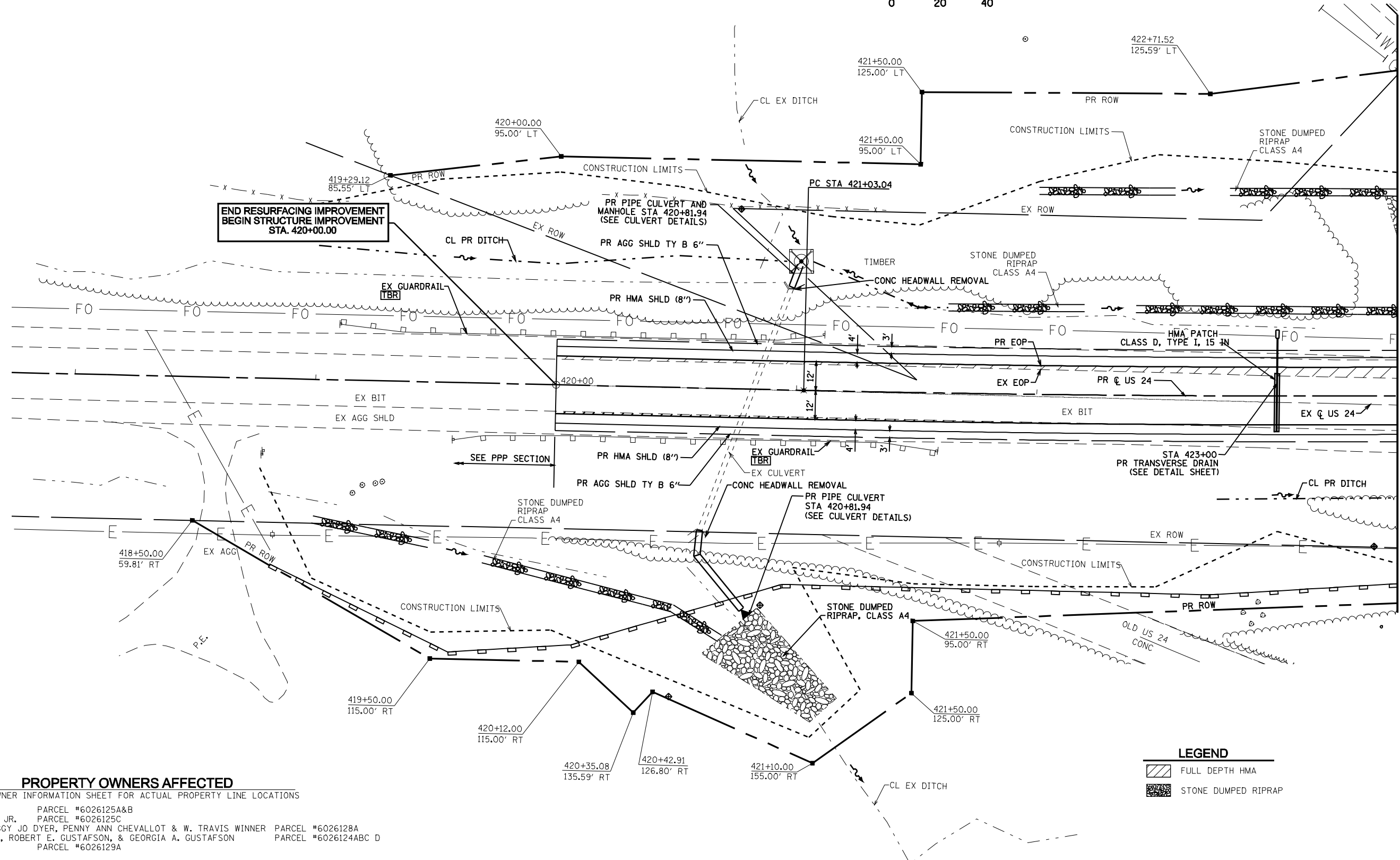


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SEC. 33, T1N, R2W, 4th PM  
BROWN COUNTY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	90
STA. 418+00 TO STA. 423+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 18 OF 123				



MATCH LINE STA. 423+50

**PROPERTY OWNERS AFFECTED**

SEE PROPERTY OWNER INFORMATION SHEET FOR ACTUAL PROPERTY LINE LOCATIONS

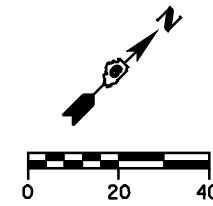
JAMES R. LUTTRELL	PARCEL #6026125A&B
JAMES R. LUTTRELL, JR.	PARCEL #6026125C
WALDON WINNER, PEGGY JO DYER, PENNY ANN CHEVALLOT & W. TRAVIS WINNER	PARCEL #6026128A
FLORENCE M. TRAVIS, ROBERT E. GUSTAFSON, & GEORGIA A. GUSTAFSON	PARCEL #6026124ABC D
STEVEN LOGSDON	PARCEL #6026129A
VILLAGE OF RIPLEY	

**LEGEND**

- FULL DEPTH HMA
- STONE DUMPED RIPRAP

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

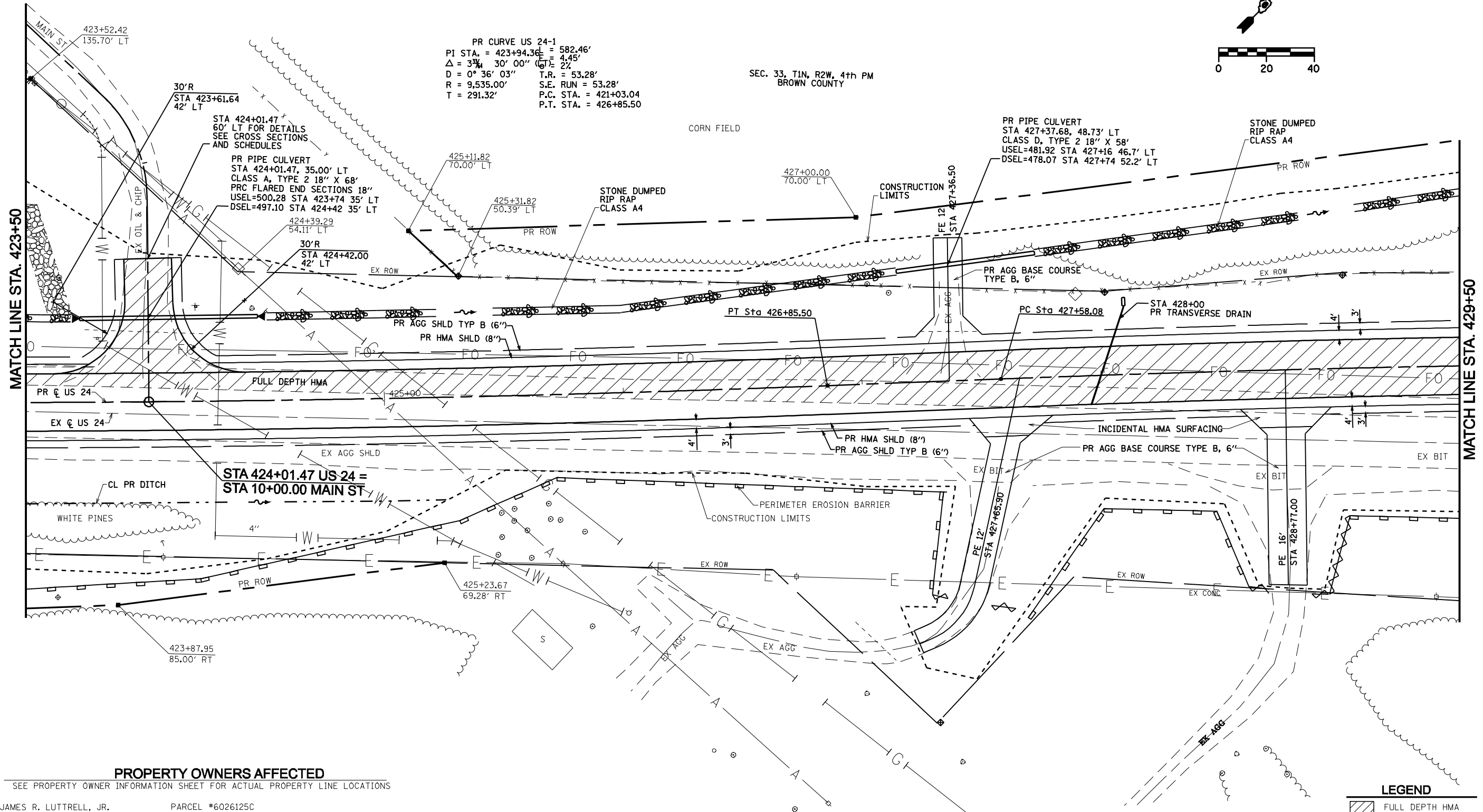
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	91
STA. 423+50 TO STA. 429+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 19 OF 123				



PR CURVE US 24-1  
 PI STA. = 423+94.36 L = 582.46'  
 $\Delta = 3^{\circ} 30' 00''$  E = 4.45'  
 $D = 0^{\circ} 36' 03''$  T.R. = 53.28'  
 R = 9,535.00' S.E. RUN = 53.28'  
 T = 291.32' P.C. STA. = 421+03.04  
 P.T. STA. = 426+85.50

SEC. 33, T1N, R2W, 4th PM  
BROWN COUNTY

CORN FIELD



PROPERTY OWNERS AFFECTED

SEE PROPERTY OWNER INFORMATION SHEET FOR ACTUAL PROPERTY LINE LOCATIONS

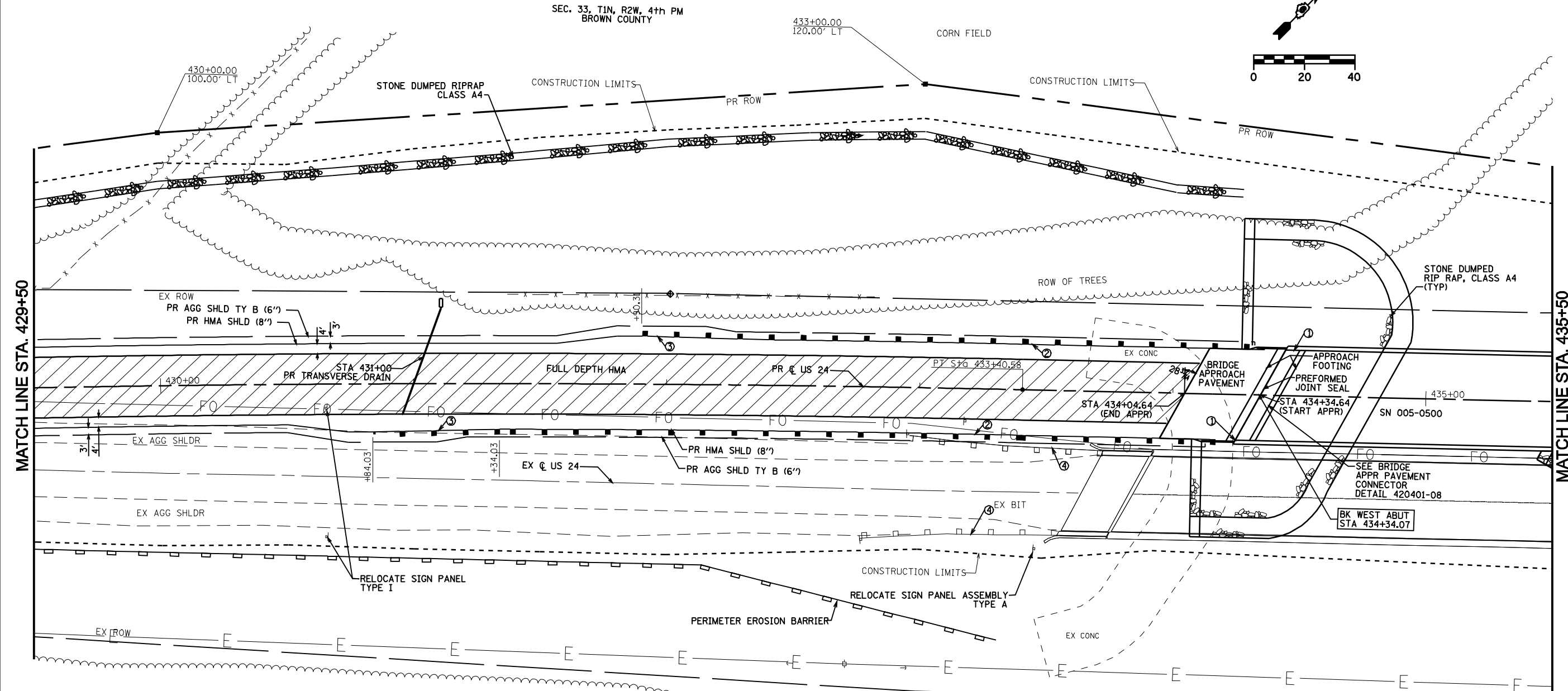
JAMES R. LUTTRELL, JR.	PARCEL #6026125C
PHILLIP, KENNETH & MARY KOCH	PARCEL #6026126A
PHILLIP, KENNETH & MARY KOCH	PARCEL #6026126B
STEVEN LOGSDON	PARCEL #6026129B

LEGEND

- FULL DEPTH HMA
- STONE DUMPED RIPRAP

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	92
STA. 429+50 TO STA. 435+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
* * 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 20 OF 123				



PR CURVE US 24-2  
 PI STA. = 430+49.42  
 $\Delta = 3^{\circ} 30' 01''$  (RT)  
 $D = 0^{\circ} 36' 03''$   
 $R = 9,535.00'$   
 $T = 291.34'$   
 $L = 582.50'$   
 $E = 4.45'$   
 $e = 2\%$   
 $T.R. = 53.28'$   
 $S.E. RUN = 53.28'$   
 $PC STA = 427+58.08$   
 $PT STA = 433+40.58$

**PROPERTY OWNERS AFFECTED**

SEE PROPERTY OWNER INFORMATION SHEET FOR ACTUAL PROPERTY LINE LOCATIONS

PHILLIP, KENNETH & MARY KOCH PARCEL #6026126B

**PROPOSED PLAN SHEET KEY**

- ① PR TBT, TYPE 6
- ② PR SPBGR, TYPE A
- ③ PR TBT, TYPE I (SPECIAL) TANGENT
- ④ GUARDRAIL REMOVAL

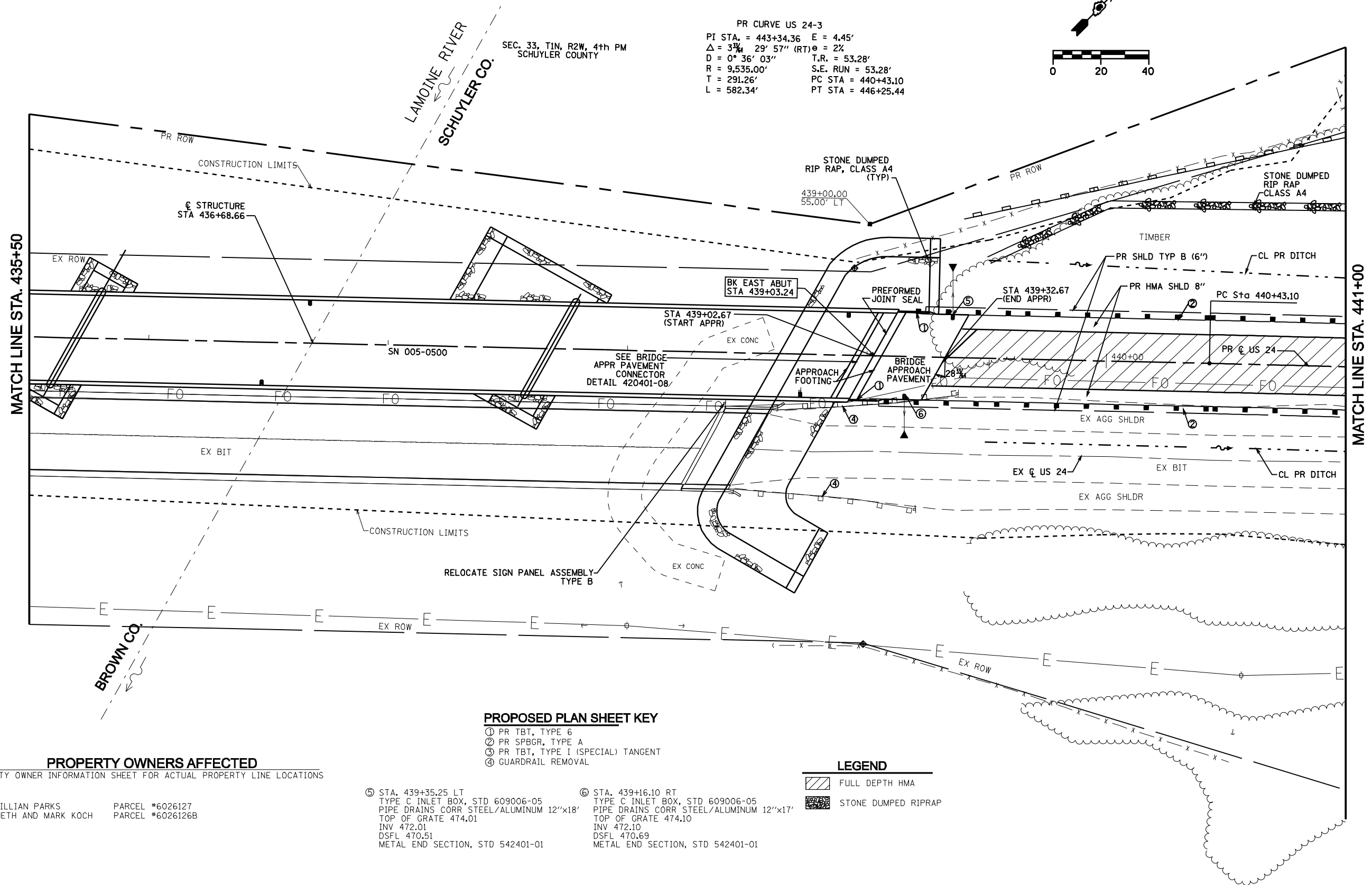
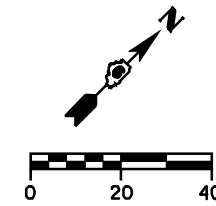
**LEGEND**

- FULL DEPTH HMA
- STONE DUMPED RIPRAP

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	93
STA. 435+50 TO STA. 440+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 21 OF 123				

PR CURVE US 24-3  
 PI STA. = 443+34.36 E = 4.45'  
 $\Delta = 37^\circ 29' 57''$  (RT)  $\theta = 2\%$   
 D =  $0^\circ 36' 03''$  T.R. = 53.28'  
 R = 9,535.00' S.E. RUN = 53.28'  
 T = 291.26' PC STA = 440+43.10  
 L = 582.34' PT STA = 446+25.44



**PROPOSED PLAN SHEET KEY**

- ① PR TBT, TYPE 6
- ② PR SPBGR, TYPE A
- ③ PR TBT, TYPE I (SPECIAL) TANGENT
- ④ GUARDRAIL REMOVAL

**LEGEND**

- FULL DEPTH HMA
- STONE DUMPED RIPRAP

**PROPERTY OWNERS AFFECTED**

SEE PROPERTY OWNER INFORMATION SHEET FOR ACTUAL PROPERTY LINE LOCATIONS

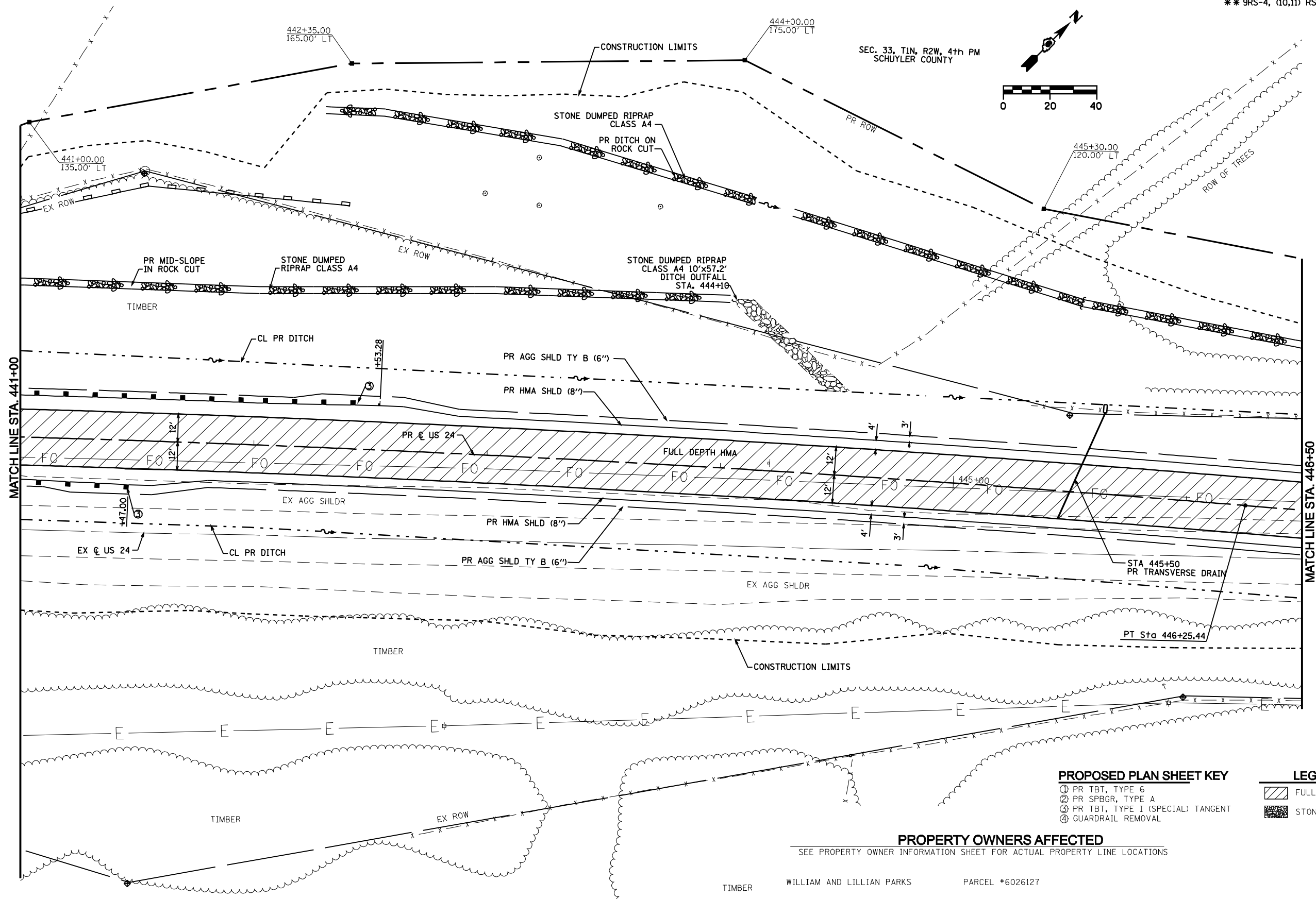
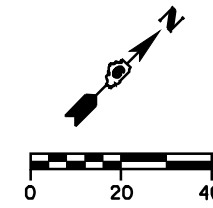
WILLIAM AND LILLIAN PARKS PARCEL #6026127  
 PHILLIPS, KENNETH AND MARK KOCH PARCEL #6026126B

- ⑤ STA. 439+35.25 LT  
 TYPE C INLET BOX, STD 609006-05  
 PIPE DRAINS CORR STEEL/ALUMINUM 12"x18'  
 TOP OF GRATE 474.01  
 INV 472.01  
 DSFL 470.51  
 METAL END SECTION, STD 542401-01
- ⑥ STA. 439+16.10 RT  
 TYPE C INLET BOX, STD 609006-05  
 PIPE DRAINS CORR STEEL/ALUMINUM 12"x17'  
 TOP OF GRATE 474.10  
 INV 472.10  
 DSFL 470.69  
 METAL END SECTION, STD 542401-01

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	94
STA. 440+50 TO STA. 446+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* BROWN & SCHUYLER CONTRACT NO. 72432				
* 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 22 OF 123				

SEC. 33, T1N, R2W, 4th PM  
SCHUYLER COUNTY



**PROPOSED PLAN SHEET KEY**

- ① PR TBT, TYPE 6
- ② PR SPBGR, TYPE A
- ③ PR TBT, TYPE I (SPECIAL) TANGENT
- ④ GUARDRAIL REMOVAL

**LEGEND**

- FULL DEPTH HMA
- STONE DUMPED RIPRAP

**PROPERTY OWNERS AFFECTED**

SEE PROPERTY OWNER INFORMATION SHEET FOR ACTUAL PROPERTY LINE LOCATIONS

WILLIAM AND LILLIAN PARKS      PARCEL #6026127

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

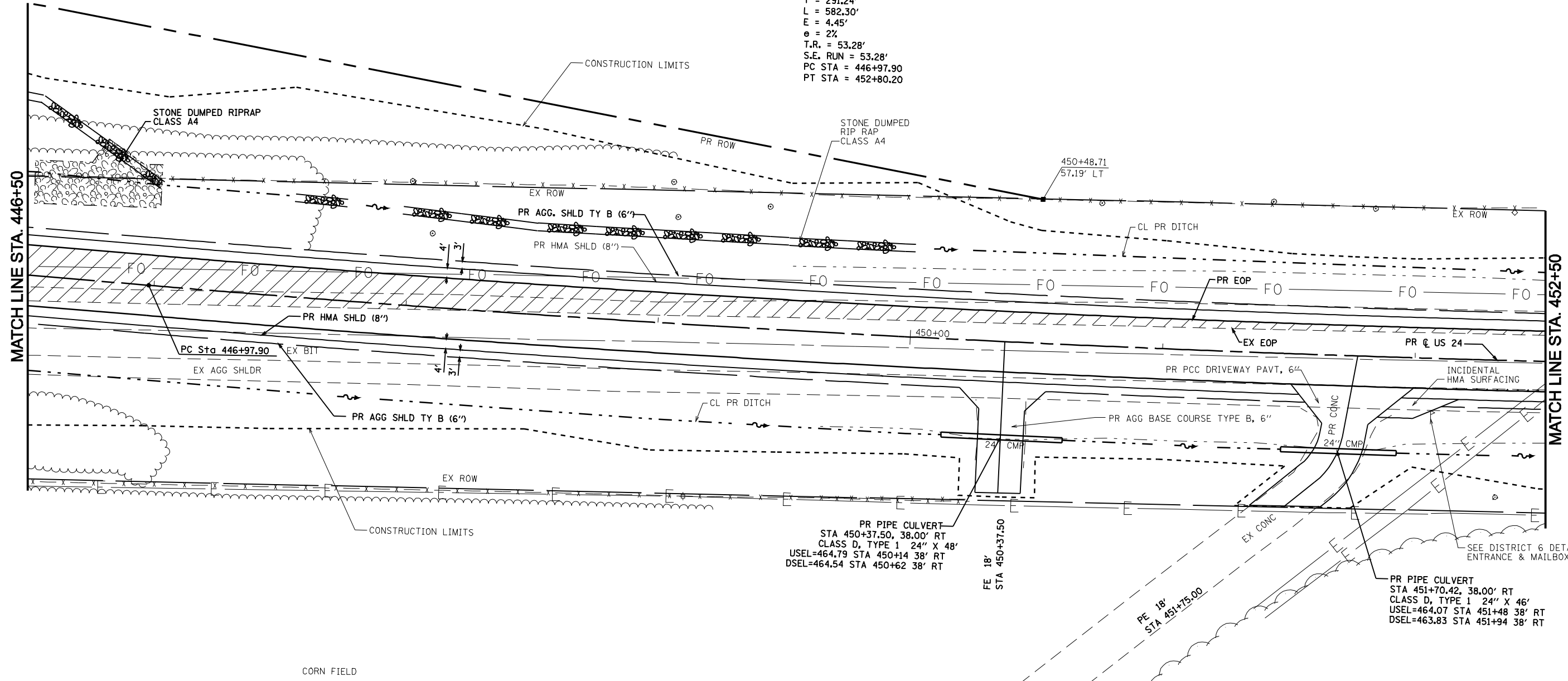
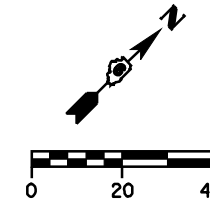
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	95
STA. 446+50 TO STA. 452+50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 23 OF 123

CORN FIELD

SEC. 33, T1N, R2W, 4th PM  
SCHUYLER COUNTY

PR CURVE US 24-4  
PI STA. = 449+89.14  
 $\Delta = 3^\circ 29' 56''$  (LT)  
D =  $0^\circ 36' 03''$   
R = 9,535.00'  
T = 291.24'  
L = 582.30'  
E = 4.45'  
e = 2%  
T.R. = 53.28'  
S.E. RUN = 53.28'  
PC STA = 446+97.90  
PT STA = 452+80.20



PR PIPE CULVERT  
STA 450+37.50, 38.00' RT  
CLASS D, TYPE 1 24" X 48"  
USEL=464.79 STA 450+14 38' RT  
DSEL=464.54 STA 450+62 38' RT

FE 18'  
STA 450+37.50

PE 18'  
STA 451+75.00

PR PIPE CULVERT  
STA 451+70.42, 38.00' RT  
CLASS D, TYPE 1 24" X 46"  
USEL=464.07 STA 451+48 38' RT  
DSEL=463.83 STA 451+94 38' RT

MATCH LINE STA. 446+50

MATCH LINE STA. 452+50

**LEGEND**

	FULL DEPTH HMA
	STONE DUMPED RIPRAP

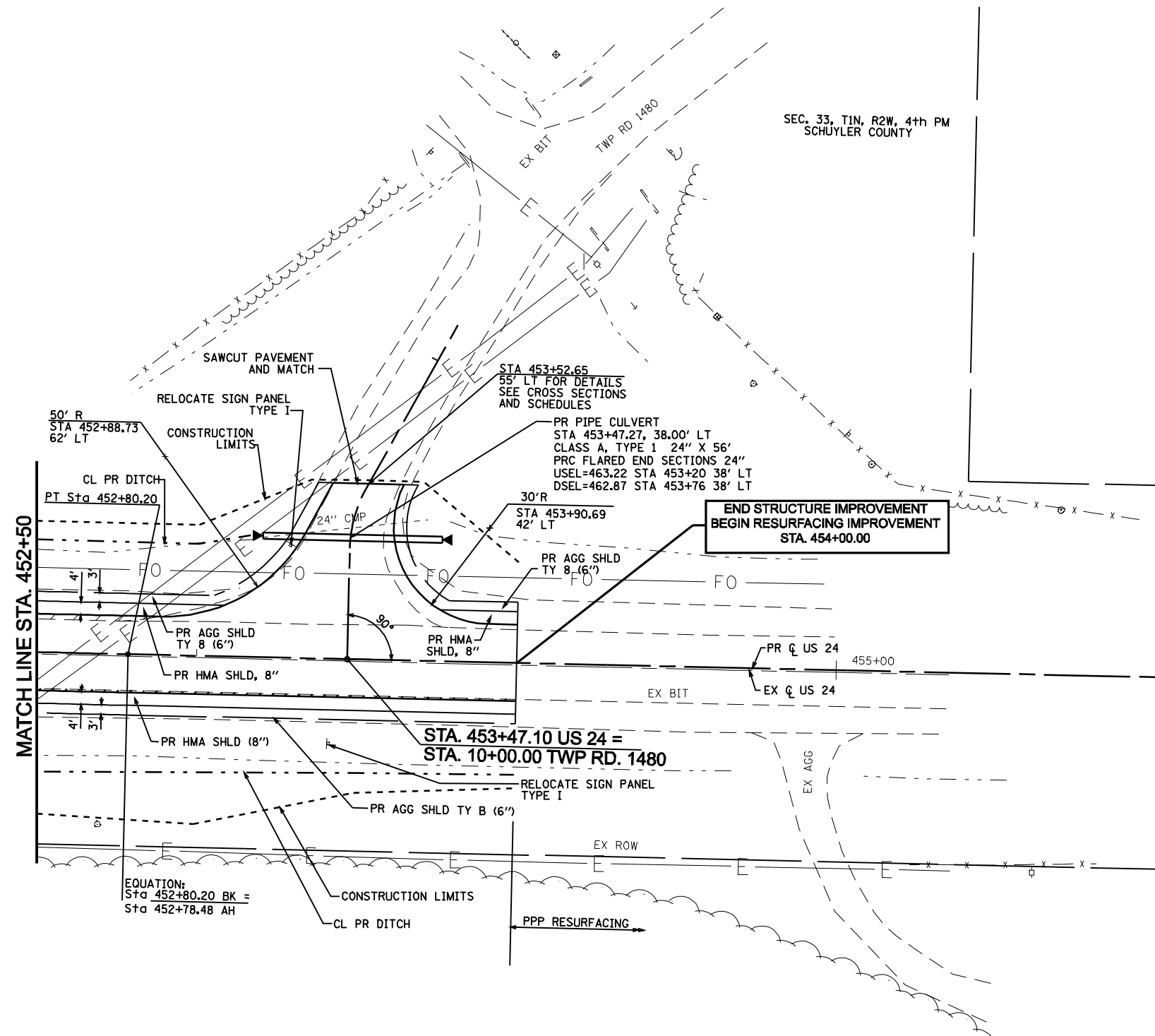
**PROPERTY OWNERS AFFECTED**  
SEE PROPERTY OWNER INFORMATION SHEET FOR ACTUAL PROPERTY LINE LOCATIONS

WILLIAM AND LILLIAN PARKS PARCEL #6026127

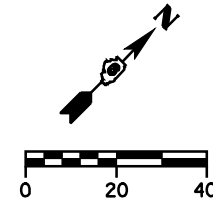
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	96

STA. 452+50 TO END  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
\* BROWN & SCHUYLER CONTRACT NO. 72432  
\*\* 9RS-4, (10,11) RS-3; (10B-1) R  
SHEET 24 OF 123



SEC. 33, T1N, R2W, 4th PM  
SCHUYLER COUNTY



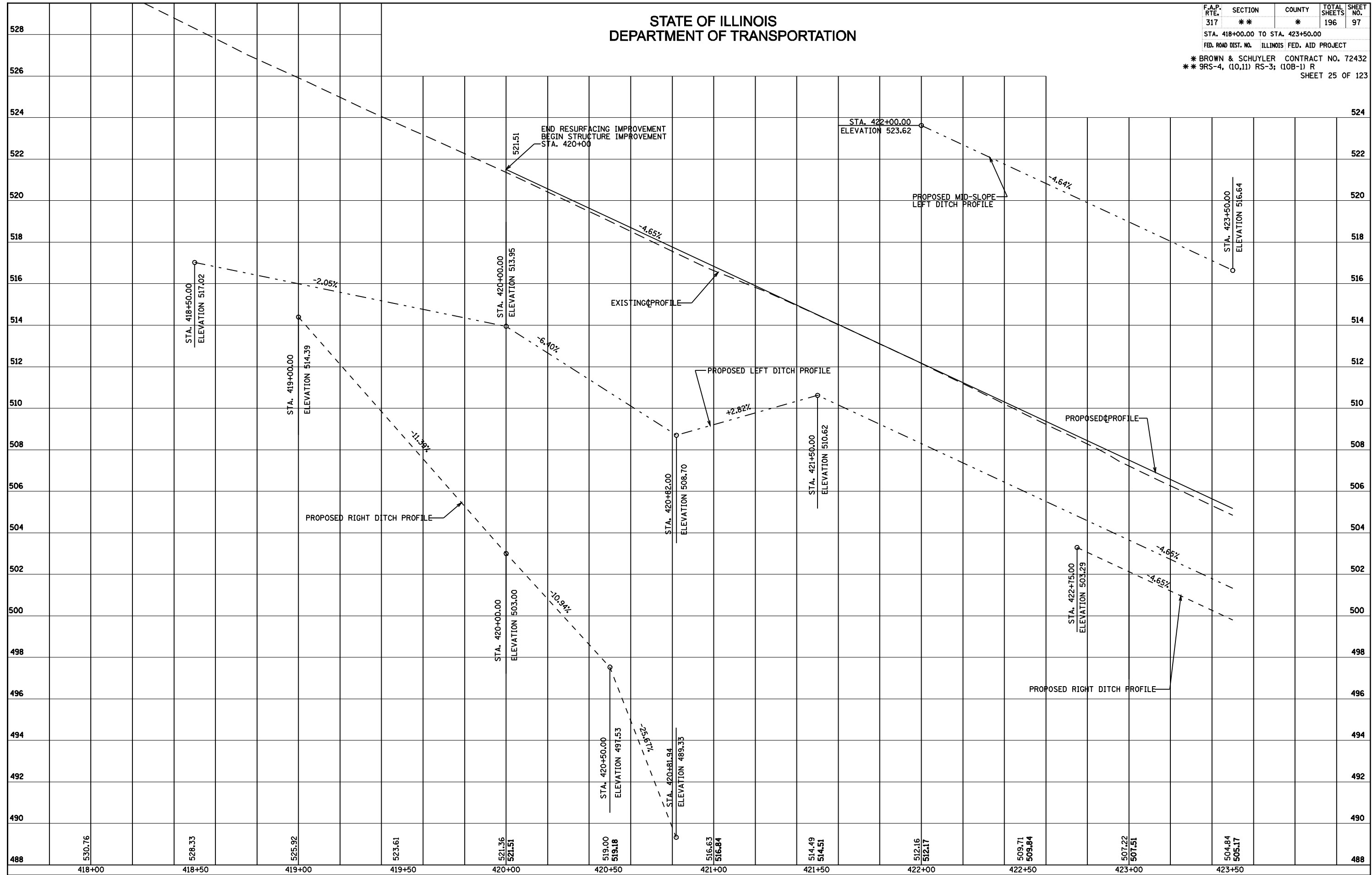
LEGEND

- FULL DEPTH HMA
- STONE DUMPED RIPRAP



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

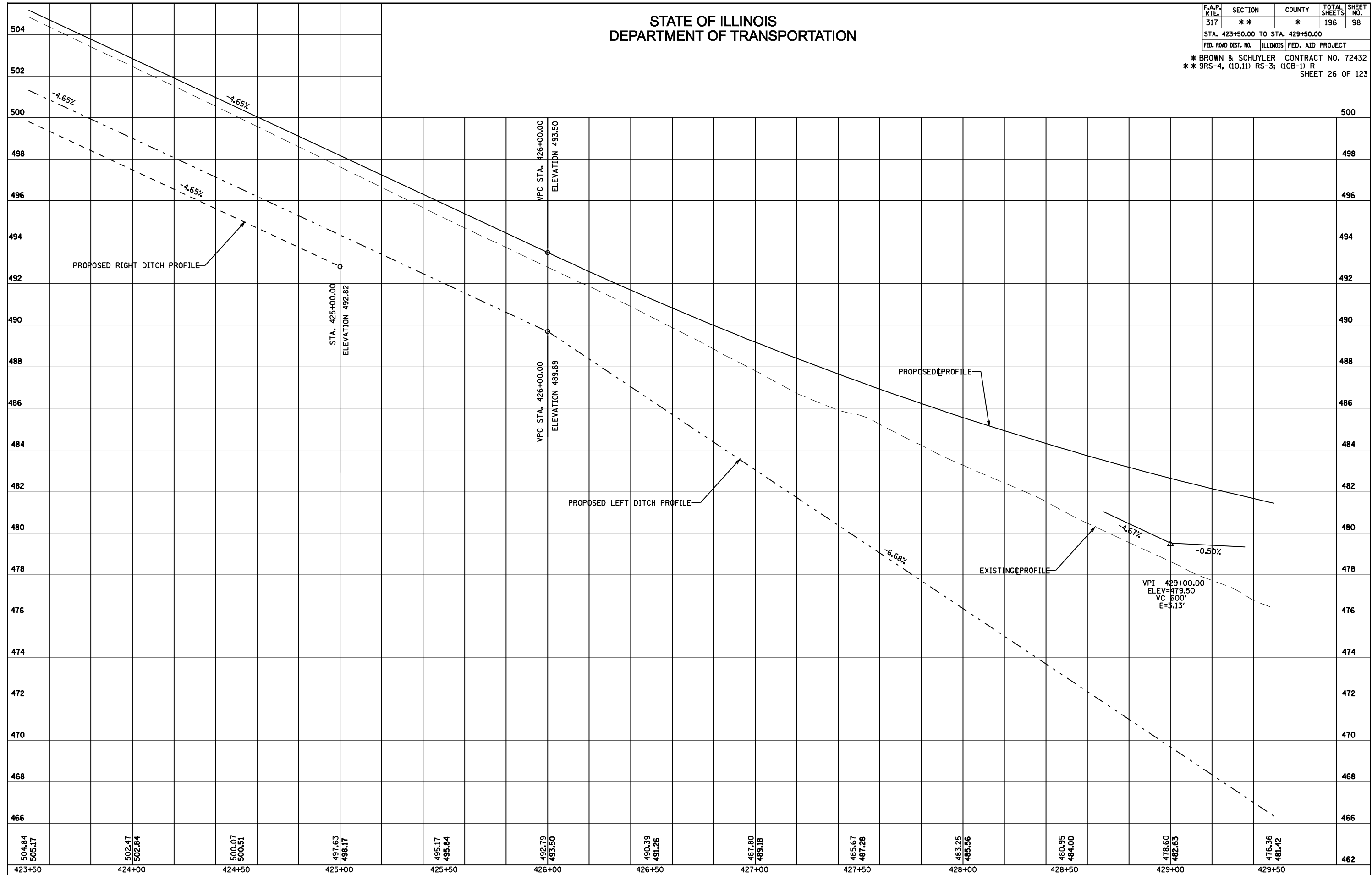
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	97
STA. 418+00.00 TO STA. 423+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 25 OF 123				



PROFILE - STA. 418+00 TO STA. 423+50

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

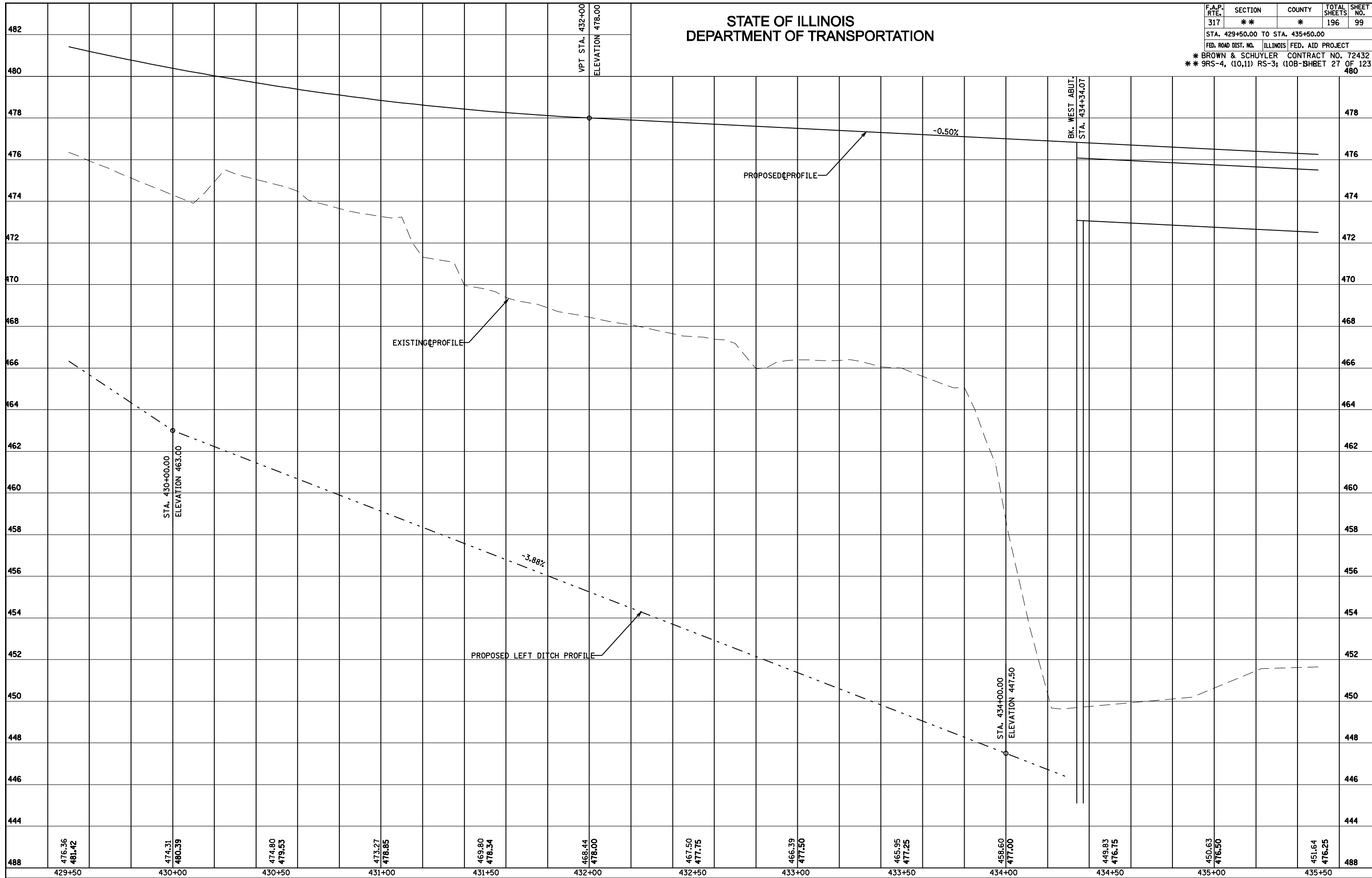
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	98
STA. 423+50.00 TO STA. 429+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-1) R				
SHEET 26 OF 123				



PROFILE - STA. 423+50 TO STA. 429+50

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

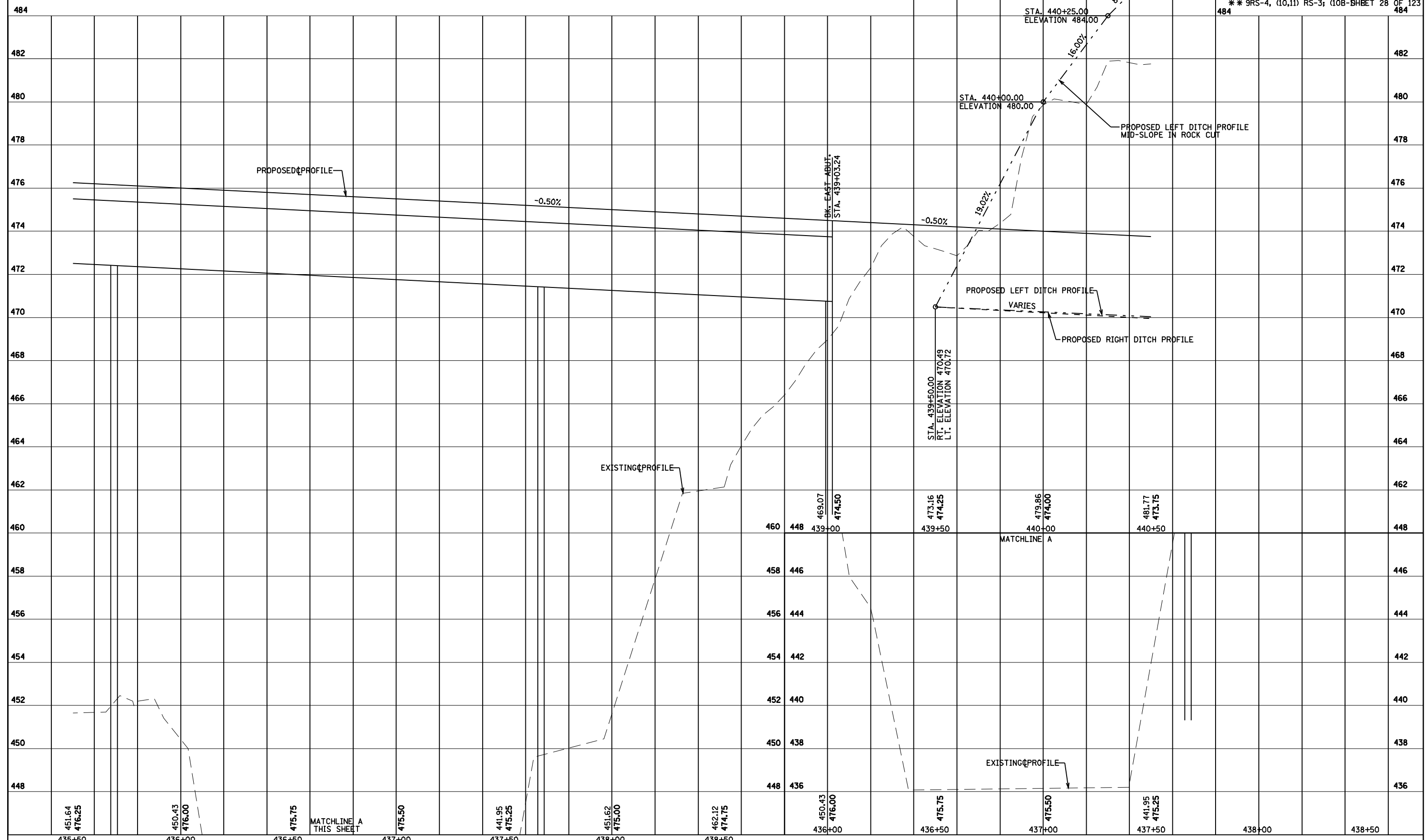
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	99
STA. 429+50.00 TO STA. 435+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-BH) 27 OF 123				



PROFILE - STA. 429+50 TO STA. 435+50

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	100
STA. 435+50.00 TO STA. 440+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* BROWN & SCHUYLER CONTRACT NO. 72432				
** 9RS-4, (10,11) RS-3; (10B-D)HEET 28 OF 123				
484				



PROFILE - STA. 435+50 TO STA. 440+50