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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAP ROUTE 558 (IL 100)
SECTION 118 (B-1, B-2, B-3)
STRUCTURE REPLACEMENT
PIKE COUNTY

D-96-557-03



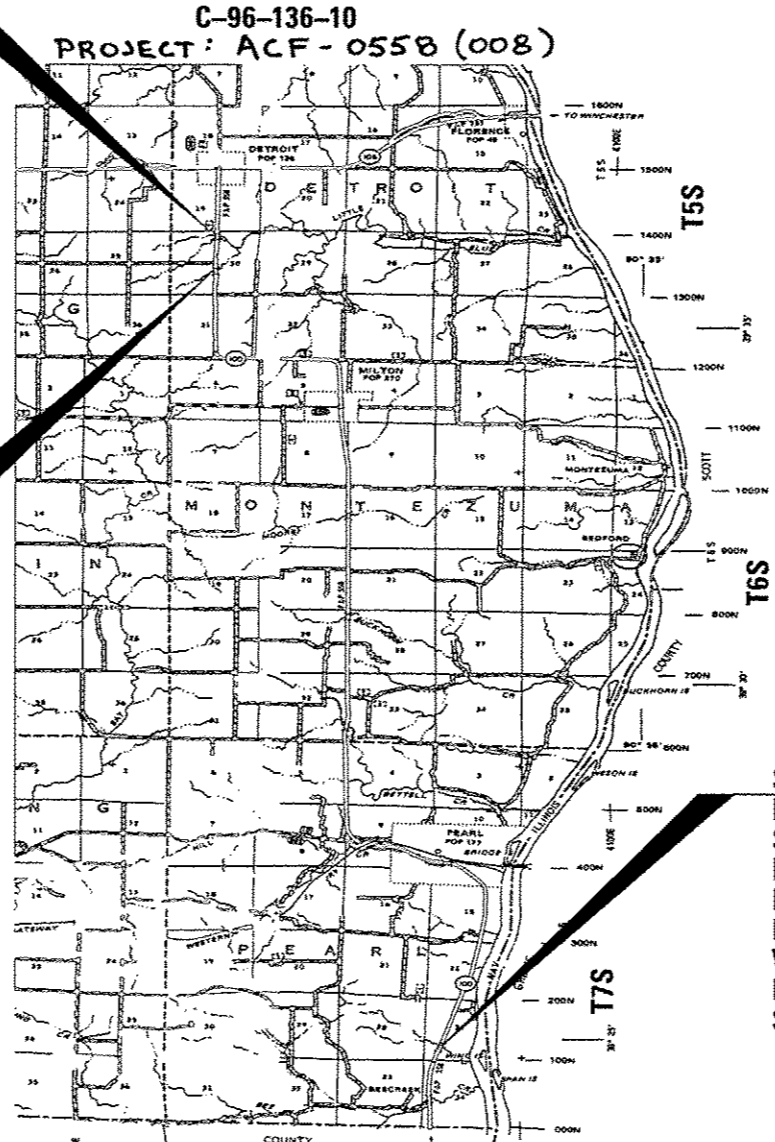
LOCATION OF SECTION INDICATED THUS: -

FOR LIST OF HIGHWAY STANDARDS,
SEE SHEET NO. 2

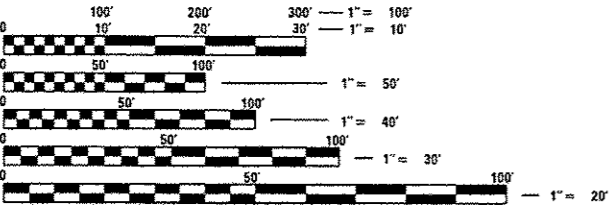
STRUCTURE REPLACEMENT
BEGIN SECTION 118(B-1)
STA. 53 + 80.00
EX SN 075-0014
PR SN 075-2503
REPLACE EX SINGLE SPAN BRIDGE
WITH TRIPLE 10'X8' PCBC
END SECTION 118(B-1)
STA. 57 + 23.00

STRUCTURE REPLACEMENT
BEGIN SECTION 118(B-2)
STA. 86 + 94.00
EX SN 075-0055
PR SN 075-2504
REPLACE EX SINGLE SPAN BRIDGE
WITH DOUBLE 10'X5' PCBC
END SECTION 118(B-2)
STA. 89 + 93.00

STRUCTURE REPLACEMENT
BEGIN SECTION 118(B-3)
STA. 433 + 25.00
EX SN 075-2014
PR SN 075-2505
REPLACE EX DOUBLE 10'X6' RCBC
WITH TRIPLE 10'X6' PCBC
END SECTION 118(B-3)
STA. 436 + 33.00



R2W, 4 P.M.
LOCATION MAP NOT TO SCALE



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

PROJECT ENGINEER: Sal Madonia (217)782-4760
TEAM LEADER: Jared Martin (217)524-0064
CONTRACT NO. 72840

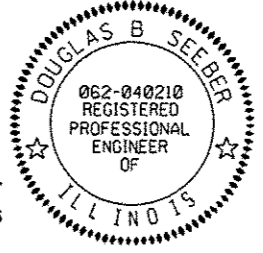
LENGTH OF PROJECT	
LENGTH OF SECTION 118(B-1)	= 343.00 FEET = 0.065 MILES
LENGTH OF SECTION 118(B-2)	= 299.00 FEET = 0.057 MILES
LENGTH OF SECTION 118(B-3)	= 308.00 FEET = 0.058 MILES
NET LENGTH OF IMPROVEMENT	= 950.00 FEET = 0.180 MILES

PLANS PREPARED BY:
PSBA
 POEPPING, STONE, BACH & ASSOCIATES, INC.
 100 SOUTH 54TH STREET
 PH.: (217) 223-4605
 E-MAIL: PSBA@PSBA.COM
 QUINCY, IL 62306
 FAX: (217) 223-1546
 WWW.PSBA.COM

FUNCTIONAL CLASSIFICATION
RURAL MINOR ARTERIAL
 DETROIT TO MILTON A.D.T. = 1145 (2015)
 PV = 90.0%, SU = 5.5%, MU = 4.5%
 PEARL TO COUNTY LINE A.D.T. = 442 (2015)
 PV = 90.0%, SU = 7.0%, MU = 12.0%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SUBMITTED December 17, 2014
Roger Z. Seiber
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Jan 30, 2015
John D. Baranelli, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT
Jan 30, 2015
Emor Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



Doug B. Seiber 12/15/14
 DOUGLAS B. SEIBER
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS NO. 062-040210
 LICENSE EXPIRES NOVEMBER 30, 2015

GENERAL NOTES

- 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.
- 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 WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTIONS PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL OF THE DISTURBED AREAS WITHIN THE RIGHT OF WAY NOT COVERED BY SURFACING MATERIAL SHALL BE SEEDED.
- CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION PROTECTION FOR THE DURATION OF THIS PROJECT.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS.
- DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 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 IN THE PAVEMENT SHALL BE 1 1/2 " UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- 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.
- NO PASSING ZONES 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 PAVEMENT MARKING. (PH: 217-785-5312)
- 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.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ALL ELEVATIONS SHOWN ON THE PLANS FOR SECTION 118 (B-1, B-2) ARE ESTABLISHED FROM THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29). ALL ELEVATIONS SHOWN ON THE PLANS FOR SECTION 118 (B-3) ARE ESTABLISHED FROM THE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NGVD88).
- 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.
- ALL STATION REFERENCES ARE TO THE ROADWAY CENTERLINE OR BASELINE.

- ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.
- THE ESTIMATED QUANTITY OF ROCK FILL - FOUNDATION MATERIAL MAY BE USED FOR IMPROVING UNSTABLE CONDITIONS ENCOUNTERED BENEATH PROPOSED CULVERTS WITH APPROVAL OF THE ENGINEER.
- THE ESTIMATED QUANTITY OF SUBBASE GRANULAR MATERIAL, TYPE B MAY BE USED FOR IMPROVING UNSTABLE CONDITIONS ENCOUNTERED BENEATH PROPOSED WIDENING WITH APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING THE REQUIREMENTS OF THE NPDES & STORM WATER PERMIT FOR CONSTRUCTION ACTIVITY FOR THIS PROJECT
- A NATIONWIDE 404 PERMIT HAS BEEN ISSUED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.
- THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR GUARDRAIL REMOVAL
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:
 BITUMINOUS MATERIALS (PRIME COAT) 0.05 LBS/SQ FT (ON PAVEMENT)
 BITUMINOUS MATERIALS (PRIME COAT) 0.25 LBS/SQ FT (ON AGGREGATE)
 HOT-MIX ASPHALT CONCRETE 0.056 TON/SQ YD INCH
 AGGREGATE SHOULDER & SURFACES 2.05 TON/CU YD
 AGGREGATE BASE COURSE, TYPE B 2.05 TON/CU YD
 RIPRAP 1.50 TON/CU YD
 AGGREGATE DITCH CHECKS 1.75 TON/CU YD
 AGGREGATE EROSION CONTROL 1.75 TON/CU YD
 ROCK FILL - FOUNDATION 1.89 TON/CU YD
 NITROGEN FERTILIZER NUTRIENTS 90 LB/ACRE
 PHOSPHORUS FERTILIZER NUTRIENTS 90 LB/ACRE
 POTASSIUM FERTILIZER NUTRIENTS 90 LB/ACRE
 AGRICULTURAL GROUND LIMESTONE 2 TON/ACRE
 MULCH, METHOD 2 2 TON/ACRE

COMMITMENTS

- THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
635001-01	DELINEATORS
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON RURAL LOCAL HIGHWAYS (TWO LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

DISTRICT SIX

EXAMINED December 9th 20 14
Alan C. W...
 OPERATIONS ENGINEER

EXAMINED December 2 20 14
Ron Chamberlain
 PROJECT IMPLEMENTATION ENGINEER

EXAMINED December 2 20 14
Jeffrey P. Meyer
 PROGRAM DEVELOPMENT ENGINEER

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION(S):	FAP 558 (IL 100)	FAP 558 (IL 100)	FAP 558 (IL 100)
MIXTURE USE(S)	HMA SURFACE COURSE, INCIDENTAL HMA	HMA BASE COURSE	HMA LEVELING BINDER
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-19.0 OR IL-19.0CB	IL-9.5
FRICTION AGGREGATE	MIX "C"	N/A	N/A
QUALITY MANAGEMENT	QC/QA	QC/QA	QC/QA

80/20 FED / STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
				6-64510-0100	6-64520-0100	6-73910-0000
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0011	0040	0040
				SN 075-2503	SN 075-2504	SN 075-2505
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	342	334	8	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	412	412		
20100500	TREE REMOVAL, ACRES	ACRE	0.7		0.7	
20200100	EARTH EXCAVATION	CU YD	3885	2065	1180	640
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1460	1025	435	
20300100	CHANNEL EXCAVATION	CU YD	1030	1030		
20400800	FURNISHED EXCAVATION	CU YD	180	180		
25000200	SEEDING, CLASS 2	ACRE	3.25	1.25	1.25	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	249	100	92	57
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	249	100	92	57
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	249	100	92	57
25000700	AGRICULTURAL GROUND LIMESTONE	TON	5.6	2.2	2.1	1.3
25100115	MULCH, METHOD 2	ACRE	2.8	1.1	1.0	0.7
25100630	EROSION CONTROL BLANKET	SQ YD	3,000	1,340	1,010	650

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80/20 FED / STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-64510-0100	6-64520-0100	6-73910-0000
				BOX CULVERT	BOX CULVERT	BOX CULVERT
				0011 SN 075-2503	0040 SN 075-2504	0040 SN 075-2505
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	554	222	204	128
28000305	TEMPORARY DITCH CHECKS	FOOT	188	84	52	52
28000315	AGGREGATE DITCH CHECKS	TON	580	263	317	
28000400	PERIMETER EROSION BARRIER	FOOT	1,780	990	670	120
28000500	INLET AND PIPE PROTECTION	EACH	1	1		
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	2,459	1,636	668	155
28200200	FILTER FABRIC	SQ YD	3,692	2,455	1,004	233
35101400	AGGREGATE BASE COURSE, TYPE B	TON	139	33		106
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	878	286	295	297
35800100	PREPARATION OF BASE	SQ YD	121	121		
35800200	AGGREGATE BASE REPAIR	TON	1	1		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	114	33		81
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,782	1,334	1,237	1,211
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	57	23	18	16

80/20 FED/STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-64510-0100	6-64520-0100	6-73910-0000
				BOX CULVERT	BOX CULVERT	BOX CULVERT
				0011 SN 075-2503	0040 SN 075-2504	0040 SN 075-2505
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	508	174	174	160
40600990	TEMPORARY RAMP	SQ YD	85	29	29	27
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	227	84	73	70
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	22	22		
44000100	PAVEMENT REMOVAL	SQ YD	903	294	303	306
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	26	26		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	95	32	40	23
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1		
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1			1
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	30		30	
50800105	REINFORCEMENT BARS	POUND	14,850	7,260	7,590	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,920	590	140	3,190
51500100	NAME PLATES	EACH	3	1	1	1

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80/20 FED / STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
				6-64510-0100	6-64520-0100	6-73910-0000
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0011	0040	0040
				SN 075-2503	SN 075-2504	SN 075-2505
54003000	CONCRETE BOX CULVERTS	CU YD	139.2	52.6	68.7	17.9
54011005	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	160		160	
54011006	PRECAST CONCRETE BOX CULVERTS 10' X 6'	FOOT	324			324
54011008	PRECAST CONCRETE BOX CULVERTS 10' X 8'	FOOT	306	306		
63200310	GUARDRAIL REMOVAL	FOOT	1,619	593	506	520
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	25	9	8	8
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	4	4	4
67100100	MOBILIZATION	L SUM	1	0.33	0.34	0.33
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.33	0.34	0.33
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.33	0.34	0.33
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.33	0.34	0.33
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	0.33	0.34	0.33
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	4	4	8
70300100	SHORT TERM PAVEMENT MARKING	FOOT	180	64	56	60

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80 / 20 FED / STATE

SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-64510-0100	6-64520-0100	6-73910-0000
				BOX CULVERT	BOX CULVERT	BOX CULVERT
				0011 SN 075-2503	0040 SN 075-2504	0040 SN 075-2505
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	34	12	11	11
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	4,381	1,801	1,271	1,309
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	4	4	4
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12	4	4	4
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,836	718	581	537
X5121800	PERMANENT STEEL SHEET PILING	SQ FT	1,394			1,394
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.33	0.34	0.33
Z0016702	DETOUR SIGNING	L SUM	1	0.33	0.34	0.33
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	955	641	216	98
* Z0054517	ROCK FILL - FOUNDATION	TON	1,797	963	834	
Z0065796	RIPRAP SLURRY	SQ YD	208	64	144	

* SPECIALTY ITEM

TREE REMOVAL (1 OF 2)					
STATION	OFFSET		6 - 15	>15	ACRES
	LT	RT	UNIT DIA	UNIT DIA	
FAP 558, SEC 118 (B-1)					
STA 55+65.4	69.1		6		
STA 55+66.8	34.9		8		
STA 55+69.8	72.3		12		
STA 55+73.8	73.5			18	
STA 55+84.9	41.7		12		
STA 55+86.3		87.6	6		
STA 55+88.5		34.8	8		
STA 56+01.2	58.2		10		
STA 56+02.8	58.1		10		
STA 56+02.9	59.6			16	
STA 56+03.5	58.7		10		
STA 56+07.4	41.9			16	
STA 56+08.7	38.9		10		
STA 56+14.9	47.5		6		
STA 56+16.4	33.2		6		
STA 56+24.8	35.3		12		
STA 56+50.8	76.4			32	
STA 56+57.8	80.4			48	
STA 56+64.0	99.0		6		
STA 56+64.1	91.0		6		
STA 56+66.2	75.2		6		
STA 56+68.7	36.5		8		
STA 56+71.1	37.3		12		
STA 56+74.7	37.4		12		
STA 56+76.0	40.1		8		
STA 56+83.6	101.4			24	
STA 56+83.2	37.5			48	
STA 56+87.4	108.5			16	
STA 57+02.3	116.4			24	
STA 57+02.4	42.7		12		
STA 57+03.2	37.8		12		
STA 57+11.8	49.7			18	
STA 57+13.3	97.2			18	
STA 57+16.7	50.1		14		
STA 57+17.1	108.3		12		
STA 57+21.5	111.7		8		
STA 57+23.2	49.2			36	
STA 57+44.6	112.9		8		
STA 57+48.4	116.8		14		
STA 57+50.4	35.9			26	
SEC 118 (B-1) - SUBTOTAL 1			254	340	0.0

TREE REMOVAL (2 OF 2)					
STATION	OFFSET		6 - 15	>15	ACRES
	LT	RT	UNIT DIA	UNIT DIA	
STA 57+62.7	58.8		14		
STA 57+63.3	38.4			22	
STA 57+63.4	55.9			20	
STA 57+66.5	39.9		12		
STA 57+66.9	127.6		8		
STA 57+77.1	133.2		10		
STA 57+86.8	73.8		8		
STA 57+93.4	48.1		8		
STA 57+95.9	72.2		10		
STA 57+99.5	51.3		10		
STA 58+01.1	54.8			30	
SEC 118 (B-1) - SUBTOTAL 2			80	72	0.0
SEC 118 (B-1) - SUBTOTAL 1			254	340	0.0
SEC 118 (B-1) - TOTAL			334	412	0.0
FAP 558, SEC 118 (B-2)					
STA 87+88.1	78.7		8		
STA 87+50.00 - STA 91+00.00		RT			0.40
STA 88+00.00 - STA 90+00.00		LT			0.25
SEC 118 (B-2) - TOTAL			8	0	0.65
USE			8	0	0.7
SEC 118 (B-1) - TOTAL			334	412	0.0
SEC 118 (B-2) - TOTAL			8	0	0.70
SEC 118 (B-1, B-2, B-3) - TOTAL			342	412	0.7

GUARDRAIL REMOVAL		
LOCATION	SIDE	QUANTITY (FOOT)
SEC 118 (B-1)		
STA 54+41.81 TO STA 57+32.13	RT	290
STA 54+79.82 TO STA 57+82.47	LT	303
SEC 118 (B-1) - SUBTOTAL		593
SEC 118 (B-2)		
STA 86+88.91 TO STA 89+41.78	LT	253
STA 87+43.65 TO STA 89+96.70	RT	253
SEC 118 (B-2) - SUBTOTAL		506
SEC 118 (B-3)		
STA 431+77.33 TO STA 435+00.57	RT	323
STA 433+23.01 TO STA 435+19.72	LT	197
SEC 118 (B-3) - SUBTOTAL		520
SEC 118 (B-1, B-2, B-3) - TOTAL		1,619

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
SEC 118 (B-1)	4
SEC 118 (B-2)	4
SEC 118 (B-3)	4
SEC 118 (B-1, B-2, B-3) - TOTAL	
	12

REMOVE EXISTING STRUCTURES			
STRUCTURE NUMBER	LOCATION	STRUCTURE TYPE	QUANTITY
			EACH
1	SEC 118 (B-1) - STA 55+75	29'-6" SINGLE SPAN BRIDGE	1
2	SEC 118 (B-2) - STA 88+44	22'-6" SINGLE SPAN BRIDGE	1
3	SEC 118 (B-3) - STA 434+72	DOUBLE 10' X 6' CONCRETE BOX CULVERT	1

EARTH EXCAVATION				
STATION TO STATION	EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (EXCAV. X 0.75)	EMBANKMENT	BALANCE WASTE (+) FURNISHED (-)
	CU YD	CU YD	CU YD	CU YD
SEC 118 (B-1)				
STA 53+50.00 TO STA 58+25.00	2,065	1,550	2,920	(1,370)
CHANNEL EXCAVATION		515		515
SEC 118 (B-2)				
STA 84+00.00 TO STA 91+00.00	1,180	885	210	675
SEC 118 (B-1, B-2) - SUBTOTAL				
	3,245			(180)
SEC 118 (B-3)				
STA 430+50.00 TO STA 436+50.00	640	480	115	365
SEC 118 (B-3) - SUBTOTAL				
	640			365
SEC 118 (B-1, B-2, B-3) - TOTAL				
	3,885			

NOTE: A 25% SHRINKAGE FACTOR WAS USED.

SEEDING SCHEDULE								
STATION TO STATION	SIDE	SEEDING CLASS 2	NITROGEN FERT NUTR	PHOS FERT NUTR	POTAS FERT NUTR	AGR GROUND LIMESTONE	MULCH METH 2	TEMP EROSION SEEDING
		ACRE	LB	LB	LB	TON	ACRE	LB
SEC 118 (B-1)								
STA 53+40.00 TO STA 58+50.00	LT	0.62	56	56	56	1.2	0.6	62
STA 51+25.00 TO STA 60+55.00	RT	0.49	44	44	44	1.0	0.5	49
SEC 118 (B-1) - SUBTOTAL								
		1.11	100	100	100	2.2	1.1	111
USE								
		1.25	100	100	100	2.2	1.1	111
SEC 118 (B-2)								
STA 83+50.00 TO STA 90+50.00	LT	0.59	53	53	53	1.2	0.6	59
STA 86+94.00 TO STA 91+00.00	RT	0.43	39	39	39	0.9	0.4	43
SEC 118 (B-2) - SUBTOTAL								
		1.02	92	92	92	2.1	1.0	102
USE								
		1.25	92	92	92	2.1	1.0	102
SEC 118 (B-3)								
STA 433+25.00 TO STA 436+33.00	LT	0.26	23	23	23	0.5	0.3	26
STA 430+50.00 TO STA 436+33.00	RT	0.38	34	34	34	0.8	0.4	38
SEC 118 (B-3) - SUBTOTAL								
		0.64	57	57	57	1.3	0.7	64
USE								
		0.75	57	57	57	1.3	0.7	64
SEC 118 (B-1, B-2, B-3) - TOTAL								
		3.25	249	249	249	5.6	2.8	277
USE								
		3.25	249	249	249	5.6	2.8	*554

* USE (2 X) TEMPORARY EROSION CONTROL SEEDING FOR RESEEDING TWICE DURING GROWING SEASON (MARCH 1 - NOVEMBER 30)

CHANNEL EXCAVATION			
STATION TO STATION	CHANNEL EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (EXCAV. X 0.50)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
	CU YD	CU YD	CU YD
SEC 118 (B-1)			
STA 55+75.00 TO STA 58+00.00	1,030	515	515

IT IS ASSUMED THAT 50% OF EXCAVATED MATERIALS WILL BE SUITABLE FOR EARTH EMBANKMENT. THE REMAINDER SHALL BE WASTED AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

INLET AND PIPE PROTECTION		
LOCATION	SIDE	EACH
SEC 118 (B-1)		
STA 53+12.0	LT	1
SEC 118 (B-1) - TOTAL		1

EROSION CONTROL BLANKET			
LOCATION	SIDE	EROSION CONTROL BLANKET	DESCRIPTION
		SQ YD	
SEC 118 (B-1)			
STA 53+40 TO STA 53+55	LT	40	1:3 SLOPES
STA 53+75 TO STA 54+45	RT	30	1:3 SLOPES
STA 54+70 TO STA 55+60	LT	110	1:3 SLOPES
STA 54+80 TO STA 55+70	RT	190	1:3 SLOPES
STA 55+80 TO STA 57+50	RT	380	1:3 SLOPES
STA 55+95 TO STA 58+50	LT	590	1:3 SLOPES
SEC 118 (B-2) - SUBTOTAL		1,340	
SEC 118 (B-2)			
STA 84+00 TO STA 88+10	LT	450	1:3 SLOPES
STA 88+30 TO STA 90+50	LT	120	1:3 SLOPES
STA 86+40 TO STA 88+50	RT	210	1:3 SLOPES
STA 88+80 TO STA 91+00	RT	230	1:3 SLOPES
SEC 118 (B-2) - SUBTOTAL		1,010	
SEC 118 (B-3)			
STA 430+25 TO STA 433+50	RT	200	1:3 SLOPES
STA 434+08 TO STA 435+02	RT	250	1:3 SLOPES
STA 434+55 TO STA 435+40	LT	200	1:3 SLOPES
SEC 118 (B-3) - SUBTOTAL		650	
SEC 118 (B-1, B-2, B-3) - TOTAL			
		3,000	

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D672840-SHT-008-SCHEDULE OF QUANTITIES.dgn		DRAWN - _____	REVISED - _____
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	PLOT DATE = 12/15/2014	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 2	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	9
				CONTRACT NO. 72840
ILLINOIS FED. AID PROJECT				

STONE RIPRAP								
STATION TO STATION	SIDE	AVG. LENGTH	AVG. WIDTH SLOPE MEAS.	DEPTH	AREA	FILTER FABRIC	STONE DUMPED RIPRAP, CLASS A4	RIPRAP SLURRY
		FT	FT	FT	SQ FT	SQ YD	TON	SQ YD
SEC 118 (B-1)								
STA 53+50 TO STA 54+00	LT	50	16.6	1.33	830	92	61	
STA 54+00 TO STA 55+00	LT	100	12.9	1.33	1292	144	96	
STA 55+00 TO STA 55+50	LT	50	11.5	1.33	574	64	43	64
STA 55+75 (SN 075-2503)	LT			1.33	16324	1,814	1,209	
STA 55+75 (SN 075-2503)	RT	21	52.0	1.33	1112	124	82	
STA 55+90 TO STA 57+50	RT	160	8	1.33	1331	148	99	
STA 57+75 TO STA 58+50	LT	75	8.3	1.33	624	69	46	
SEC 118 (B-1) - SUBTOTAL						2,455	1,636	64
SEC 118 (B-2)								
STA 88+00 TO STA 88+50	RT	50	9.3	1.33	464	52	34	
STA 88+23 (SN 075-2504)	LT	40	44.0	1.33	1758	195	130	
STA 88+65 (SN 075-2504)	RT	39	49.1	1.33	1913	213	142	
STA 87+50 TO STA 87+85	LT	35	9.3	1.33	326	36	24	
STA 88+40 TO STA 89+50	LT	110	12.9	1.33	1421	158	105	
STA 89+00 TO STA 91+00	RT	200	9.3	1.33	1856	206	137	
STA 89+50 TO STA 90+50	LT	100	12.9	1.33	1292	144	96	144
SEC 118 (B-2) - SUBTOTAL						1,004	668	144
SEC 118 (B-3)								
STA 434+58 (SN 075-2505)	RT			1.33	1163	129	86	
STA 435+00 (SN 075-2505)	LT			1.33	935	104	69	
SEC 118 (B-3) - SUBTOTAL						233	155	
SEC 118 (B-1, B-2, B-3) - TOTAL						3,692	2,459	208

FURNISHING AND ERECTING RIGHT OF WAY MARKERS			
LOCATION	OFFSET (FT)		METHOD A
	LEFT	RIGHT	EACH
SEC 118 (B-1)			
STA 54+00.00	50.00		1
STA 54+50.00		50.00	1
STA 55+50.00	115.00		1
STA 55+50.00		90.00	1
STA 56+35.00	165.00		1
STA 57+50.00		90.00	1
STA 58+00.00	165.00		1
STA 58+00.00		75.00	1
STA 58+20.00	62.00		1
SEC 118 (B-1) - SUBTOTAL			9
SEC 118 (B-2)			
STA 86+50.00	50.00		1
STA 87+50.00	80.00		1
STA 87+50.00		45.00	1
STA 88+00.00		80.00	1
STA 89+00.00	80.00		1
STA 89+50.00		80.00	1
STA 90+00.00	58.57		1
STA 91+00.00		45.00	1
SEC 118 (B-2) - SUBTOTAL			8
SEC 118 (B-3)			
STA 433+50.00		40.00	1
STA 434+00.00	40.00		1
STA 434+00.00		70.00	1
STA 434+50.00	70.00		1
STA 435+00.00		70.00	1
STA 435+50.00	70.00		1
STA 435+50.00		40.00	1
STA 436+00.00	40.00		1
SEC 118 (B-3) - SUBTOTAL			8
SEC 118 (B-1, B-2, B-3) - TOTAL			25

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

LOCATION	LENGTH	WIDTH	HMA SURF REM (VARIABLE DEPTH)
	FOOT	FOOT	SQ YD
SEC 118 (B-1)			
STA 53+80.00 TO STA 55+27.00	147.00	26.16	427.28
STA 56+23.00 TO STA 57+23.00	100.00	26.16	290.67
SEC 118 (B-1) - SUBTOTAL			717.95
SEC 118 (B-1) - USE			718
SEC 118 (B-2)			
STA 86+94.00 TO STA 87+94.00	100.00	26.16	290.67
STA 88+93.00 TO STA 89+93.00	100.00	26.16	290.67
SEC 118 (B-2) - SUBTOTAL			581.33
SEC 118 (B-2) - USE			581
SEC 118 (B-3)			
STA 433+25.00 TO STA 434+25.00	100.00	24.16	268.44
STA 435+33.00 TO STA 436+33.00	100.00	24.16	268.44
SEC 118 (B-3) - SUBTOTAL			536.89
SEC 118 (B-3) - USE			537
SEC 118 (B-1, B-2, B-3) - TOTAL			1,836

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT

LOCATION	A	B	WIDTH	AREA
			FOOT	SQ YD
SEC 118 (B-1)	53+80.00	54+10.00	26.0	86.7
SEC 118 (B-1)	56+93.00	57+23.00	26.0	86.7
SEC 118 (B-1) - SUBTOTAL				173.4
USE				174
SEC 118 (B-2)	86+94.00	87+24.00	26.0	86.7
SEC 118 (B-2)	89+63.00	89+93.00	26.0	86.7
SEC 118 (B-2) - SUBTOTAL				173.4
USE				174
SEC 118 (B-3)	433+25.00	433+55.00	24.0	80.0
SEC 118 (B-3)	436+03.00	436+33.00	24.0	80.0
SEC 118 (B-3) - SUBTOTAL				160.0
USE				160
SEC 118 (B-1, B-2, B-3) - TOTAL				508

TEMPORARY RAMP

STATION TO STATION	DEPTH	LENGTH	WIDTH	TEMPORARY RAMP
	INCH	FOOT	FOOT	SQ YD
AFTER HMA BUTT JOINT REMOVAL				
SEC 118 (B-1)				
STA 53+80.00 TO STA 53+85.00	1.50	5.0	26.0	14.4
STA 57+18.00 TO STA 57+23.00	1.50	5.0	26.0	14.4
SEC 118 (B-1) - SUBTOTAL				28.9
SEC 118 (B-1) - USE				29
SEC 118 (B-2)				
STA 86+94.00 TO STA 86+99.00	1.50	5.0	26.0	14.4
STA 89+88.00 TO STA 89+93.00	1.50	5.0	26.0	14.4
SEC 118 (B-2) - SUBTOTAL				28.9
SEC 118 (B-2) - USE				29
SEC 118 (B-3)				
STA 433+25.00 TO STA 433+30.00	1.50	5.0	24.0	13.3
STA 436+28.00 TO STA 436+33.00	1.50	5.0	24.0	13.3
SEC 118 (B-3) - SUBTOTAL				26.7
SEC 118 (B-3) - USE				27
SEC 118 (B-1, B-2, B-3) - TOTAL				85

PAVEMENT REMOVAL

STATION to STATION	SIDE	AVERAGE LENGTH	AVERAGE WIDTH	AREA
		FOOT	FOOT	SQ YD
SEC 118 (B-1)				
STA 55+27.00 to STA 56+23.00	CL	86.0	27.5	293.3
SEC 118 (B-1) USE				294
SEC 118 (B-2)				
STA 87+94.00 to STA 88+93.00	CL	99.0	27.5	302.5
SEC 118 (B-2) USE				303
SEC 118 (B-3)				
STA 434+25.00 TO STA 435+33.00	CL	108.0	25.5	306.0
SEC 118 (B-3) USE				306
SEC 118 (B-1, B-2, B-3) TOTAL				903

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	PLOT DATE = 12/15/2014	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	12
				CONTRACT NO. 72840
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE - MAINLINE

LOCATION	LENGTH	LEVELING BINDER (MACHINE METHOD), N50				HOT-MIX ASPHALT BASE COURSE, 10"				HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50			
		BITUMINOUS MATERIALS (PRIME COAT)	(0.75" THICKNESS)			BITUMINOUS MATERIALS (PRIME COAT)	(10.00" THICKNESS)			BITUMINOUS MATERIALS (PRIME COAT)	(1.50" THICKNESS)		
			AVG WIDTH	AREA	TON		AVG WIDTH	AREA	TON		AVG WIDTH	AREA	TON
FOOT	POUND	FOOT	SQ YD	TON	POUND	FOOT	SQ YD	TON	POUND	FOOT	SQ YD	TON	
SEC 118 (B-1)													
STA 53+80.00 TO STA 54+10.00	30.00								39.18	26.12	87.07	7.31	
STA 54+10.00 TO STA 55+27.00	117.00	152.45	26.06	338.78	14.23				152.80	26.12	339.56	28.52	
STA 55+27.00 TO STA 56+23.00	96.00					642.00	26.75	285.33	159.79	125.38	26.12	278.61	23.40
STA 56+23.00 TO STA 56+93.00	70.00	91.21	26.06	202.69	8.51				91.42	26.12	203.16	17.07	
STA 60+25.00 TO STA 60+55.00	30.00								39.18	26.12	87.07	7.31	
SEC 118 (B-1) - SUBTOTAL	343.00	243.66			22.74	642.00		285.33		447.96		83.62	
SEC 118 (B-1) - USE		244			23	642		286		448		84	
SEC 118 (B-2)													
STA 86+94.00 TO STA 87+24.00	30.00								39.18	26.12	87.07	7.31	
STA 87+24.00 TO STA 87+94.00	70.00	91.21	26.06	202.69	8.51				91.42	26.12	203.16	17.07	
STA 87+94.00 TO STA 88+93.00	99.00					662.06	26.75	294.25	164.78	129.29	26.12	287.32	24.13
STA 88+93.00 TO STA 89+63.00	70.00	91.21	26.06	202.69	8.51				91.42	26.12	203.16	17.07	
STA 89+63.00 TO STA 89+93.00	30.00								39.18	26.12	87.07	7.31	
SEC 118 (B-2) - SUBTOTAL	299.00	182.42			17.03	662.06		294.25		390.49		72.89	
SEC 118 (B-2) - USE		183			18	663		295		391		73	
SEC 118 (B-3)													
STA 433+25.00 TO STA 433+55.00	30.00								36.18	24.12	80.40	6.75	
STA 433+55.00 TO STA 434+25.00	70.00	84.56	24.16	187.91	7.89				84.42	24.12	187.60	15.76	
STA 434+25.00 TO STA 435+33.00	108.00					668.25	24.75	297.00	166.32	130.25	24.12	289.44	24.31
STA 435+33.00 TO STA 436+03.00	70.00	84.56	24.16	187.91	7.89				84.42	24.12	187.60	15.76	
STA 436+03.00 TO STA 436+33.00	30.00								36.18	24.12	80.40	6.75	
SEC 118 (B-3) - SUBTOTAL	308.00	169.12			15.78	668.25		297.00		371.45		69.34	
SEC 118 (B-3) - USE		170			16	669		297		372		70	
SEC 118 (B-1, B-2, B-3) TOTAL		597			57	1,974		878		1,211		227	

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)

CULVERT NO.	LOCATION					PRECAST BOX CULVERT (ASTM C 1577)			SKEW			DESIGN FILL		PGE Backfill Required
						10' X 5'	10' X 6'	10' X 8'	DEG	MIN	L/R AH	E/SHLDR (MIN)	MAX.	
						FOOT	FOOT	FOOT				FOOT	FOOT	
SEC 118 (B-1)														
1	55+75.00	51.00' LT		55+75.00	51.00' RT			306	0	0		8.7	10.1	YES
SEC 118 (B-2)														
2	88+27.10	36.25' LT		88+60.90	36.25' RT	160			25	0	RA	3.6	5.1	YES
SEC. 118 (B-3)														
3	434+99.23	50.07' LT		434+58.77	50.07' RT			324	22	0	LA	1.3	1.9	YES
SEC 118 (B-1, B-2, B-3) - TOTAL						160	324	306						

DRIVEWAY SCHEDULE (W/O CONCRETE GUTTER)

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/BIT SHLD TO LIMITS OF IMPROVEMENT)	PR HMA THICKNESS	DRIVEWAY PAVEMENT REMOVAL	PREPARATION OF BASE	AGGREGATE BASE REPAIR	AGGREGATE FOR TEMPORARY ACCESS	AGGREGATE BASE COURSE, TYPE B	INCIDENTAL HMA SURFACE
(LT / RT) (STA) (+)	(FE / PE/ CE/ MB) (RURAL) / (URBAN)	(EARTH / AGG. /BIT. / P.C.C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ YD	SQ YD	TON	TON	TON	TON
SEC 118 (B-1)													
RT 54+17.00	CE RURAL	AGG	24			36.00	8.0	25.6	121	0.7	32.8	32.8	21.9
SEC 118 (B-1) - SUBTOTAL								25.6	121	0.7	32.8	32.8	21.9
USE								26	121	1	33	33	22
SEC 118 (B-3)													
RT 433+76.00	FE RURAL	EARTH	16			37.00					22.5	31.0	
RT 435+10.00	FE RURAL	EARTH	16			47.00					28.5	37.1	
LT 435+57.00	FE RURAL	EARTH	16			48.00					29.2	37.7	
SEC 118 (B-3) - SUBTOTAL								0	0	0	80.2	105.8	0
USE								0	0	0	81	106	0
SEC 118 (B-1, B-3) - TOTAL								26	121	1	114	139	22

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

STATION TO STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
	CU YD
SEC 118 (B-1)	
FROM CHANNEL EXCAVATION	515
FROM ROCK FILL FOUNDATION (SEE SHEET 50)	507
SUBTOTAL SEC 118 (B-1)	1,022
USE	1,025
SEC 118 (B-2)	
FROM ROCK FILL FOUNDATION (SEE SHEET 54)	432
USE	435
SEC 118 (B-1, B-2) - TOTAL	1,460

FILE NAME =	USER NAME = nate1	DESIGNED - _____	REVISED - _____
D672840-SHT-008-SCHEDULE OF QUANTITIES.dgn		DRAWN - _____	REVISED - _____
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	14
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

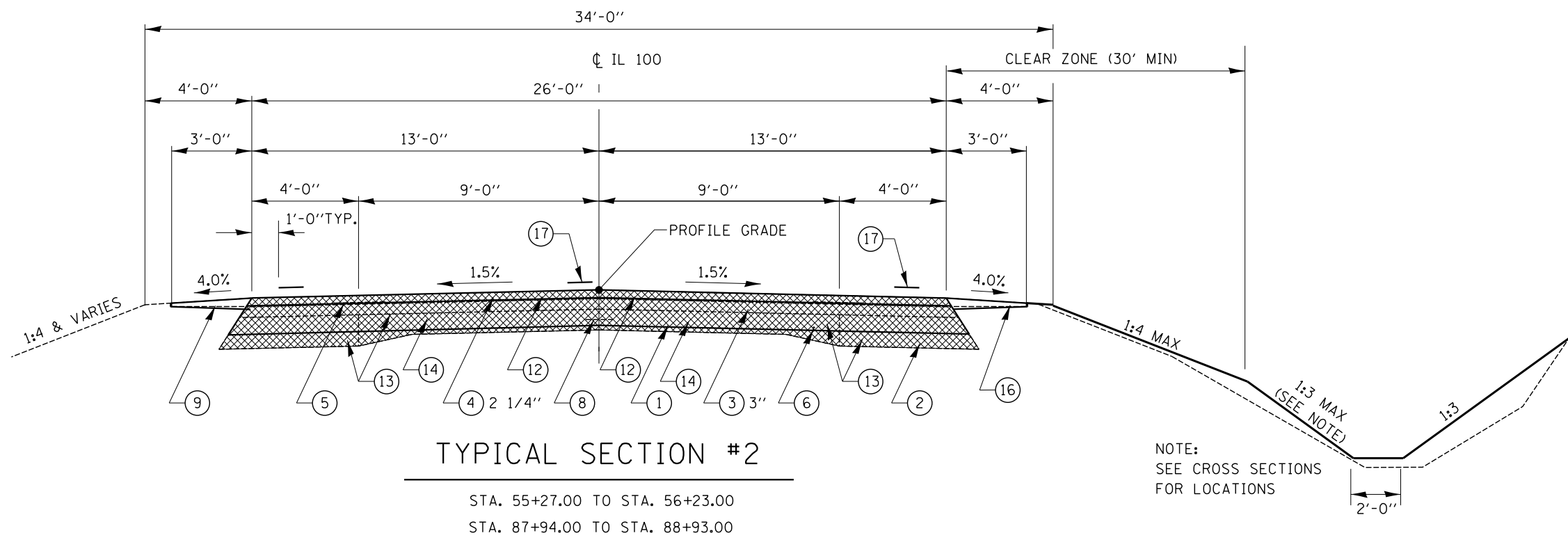
AGGREGATE SHOULDERS, TYPE B				
STATION TO STATION	SIDE	AVERAGE WIDTH	LENGTH	AGGREGATE SHOULDER, TYPE B
		FEET	FEET	TON
SEC 118 (B-1)				
STA 53+40.00 TO STA 58+50.00	LT	3.0	510.00	17.0
STA 54+44.00 TO STA 58+90.00	RT	3.0	446.00	14.9
SEC 118 (B-1) - SUBTOTAL				31.9
USE				32
SEC 118 (B-2)				
STA 83+50.00 TO STA 90+50.00	LT	3.0	700.00	23.4
STA 86+00.00 TO STA 91+00.00	RT	3.0	500.00	16.7
SEC 118 (B-2) - SUBTOTAL				40.1
USE				40
SEC 118 (B-3)				
STA 433+25.00 TO STA 435+34.00	LT	3.0	209.00	7.0
STA 435+80.00 TO STA 436+33.00	LT	3.0	53.00	1.8
STA 430+50.00 TO STA 433+53.00	RT	3.0	227.00	7.6
STA 433+99.00 TO STA 434+87.00	RT	3.0	88.00	2.9
STA 435+33.00 TO STA 436+33.00	RT	3.0	100.00	3.3
SEC 118 (B-3) - SUBTOTAL				22.6
USE				23
SEC 118 (B-1, B-2, B-3) - TOTAL				95

SHORT TERM PAVEMENT MARKING WORK ZONE PAVEMENT MARKING REMOVAL		
STATION TO STATION	C.L. YELLOW	WORK ZONE MARKING REMOVAL
	FOOT	SQ FT
SEC 118 (B-1)		
LEVELING BINDER		
STA 54+10 TO STA 56+93	28	
FINISH SURFACE		
STA 53+80 TO STA 57+23	36	12
SEC 118 (B-1) - SUBTOTAL		64
SEC 118 (B-2)		
LEVELING BINDER		
STA 87+24 TO STA 89+63	24	
FINISH SURFACE		
STA 86+94 TO STA 89+93	32	11
SEC 118 (B-2) - SUBTOTAL		56
SEC 118 (B-3)		
LEVELING BINDER		
STA 433+55 TO STA 436+03	28	
FINISH SURFACE		
STA 433+25 TO STA 436+33	32	11
SEC 118 (B-3) - SUBTOTAL		60
SEC 118 (B-1, B-2, B-3) - TOTAL		180

PAINT PAVEMENT MARKING - LINE 5"				
STATION TO STATION	SIDE	DESCRIPTION	YELLOW	WHITE
			FOOT	FOOT
SEC 118 (B-1)				
STA 53+80 TO STA 57+23	CL	SKIP DASH - SOLID	429	
STA 53+80 TO STA 57+23	LT	EDGE LINE		686
STA 53+80 TO STA 57+23	RT	EDGE LINE		686
SEC 118 (B-1) - SUBTOTAL			429	1,372
SEC 118 (B-1) - USE			1,801	
SEC 118 (B-2)				
STA 86+94 TO STA 89+93	CL	SKIP DASH	75	
STA 86+94 TO STA 89+93	LT	EDGE LINE		598
STA 86+94 TO STA 89+93	RT	EDGE LINE		598
SEC 118 (B-2) - SUBTOTAL			75	1,196
SEC 118 (B-2) - USE			1,271	
SEC 118 (B-3)				
STA 433+25 TO STA 436+33	CL	SKIP DASH	77	
STA 433+25 TO STA 436+33	LT	EDGE LINE		616
STA 433+25 TO STA 436+33	RT	EDGE LINE		616
SEC 118 (B-3) - SUBTOTAL			77	1,232
USE			1,309	
SEC 118 (B-1, B-2, B-3) - TOTAL			581	3,800
USE			4,381	

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
SEC 118 (B-1, B-2)	
US 54: WEST OF C.H. 7	2
US 54 / IL 107: NORTH OF C.H. 7	2
IL 100: SOUTH OF C.H. 10	2
IL 106: EAST OF IL 100	2
SEC 118 (B-3)	
IL 100: SOUTH OF IL 96	2
IL 108: EAST OF IL 100	2
IL 100: NORTH OF C.H. 10	2
IL 96: NORTH OF C.H. 10	2
SEC 118 (B-1, B-2, B-3) - TOTAL	
	16

RAISED REFLECTIVE PAVEMENT MARKERS				
STATION TO STATION	LENGTH	SPACING	TWO-WAY AMBER	REMOVAL
		FOOT	EACH	EACH
SEC 118 (B-1)				
STA 53+80.00 TO STA 57+23.00	343.00	80	4	4
SEC 118 (B-2)				
STA 86+94.00 TO STA 89+93.00	299.00	80	4	4
SEC 118 (B-3)				
STA 433+25.00 TO STA 436+33.00	308.00	80	4	4
SEC 118 (B-1, B-2, B-3) - TOTAL			12	12

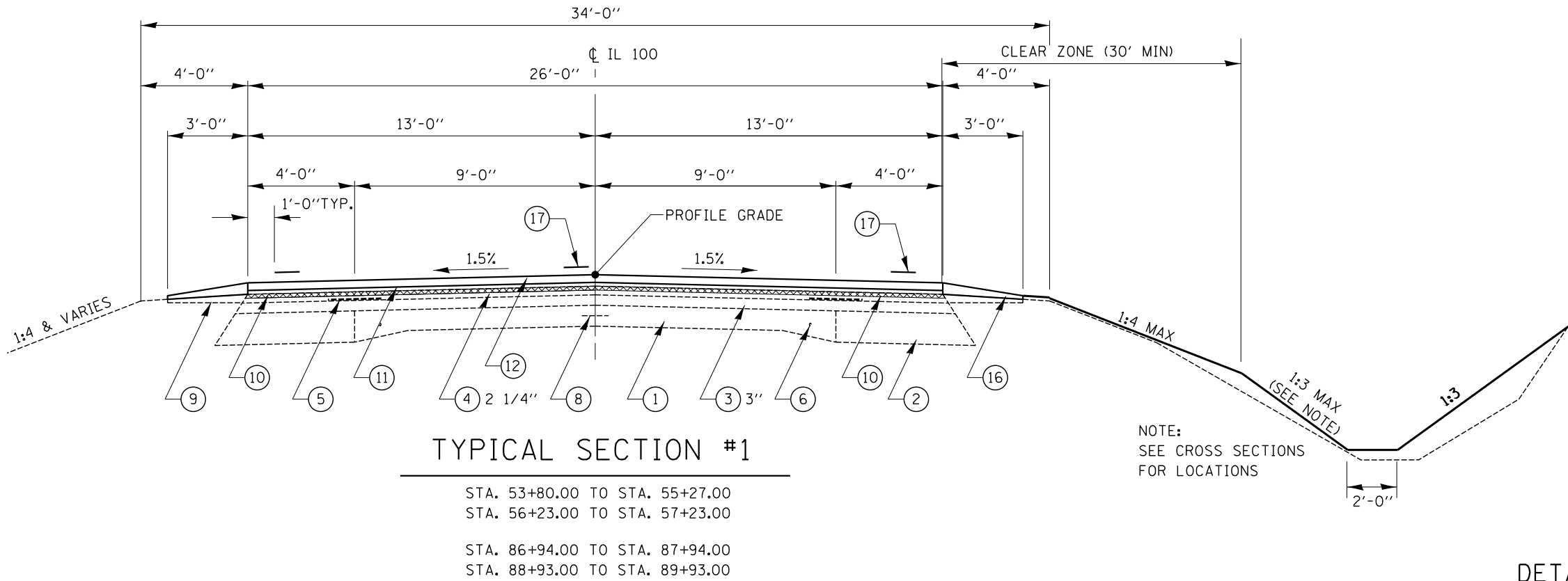


TYPICAL SECTION #2
 STA. 55+27.00 TO STA. 56+23.00
 STA. 87+94.00 TO STA. 88+93.00

NOTE:
 SEE CROSS SECTIONS
 FOR LOCATIONS

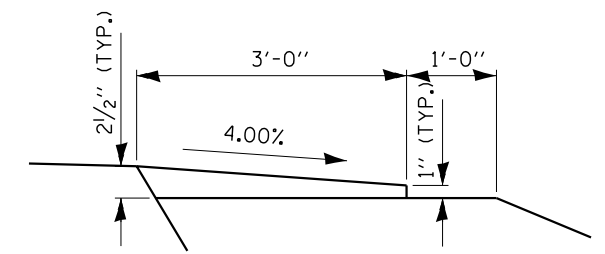
LEGEND

- ① EXIST. 9-6-9 PCC PAVEMENT
- ② EXIST. HMA WIDENING 9"
- ③ EXIST. HMA OVERLAY
- ④ EXIST. HMA OVERLAY & LEVELING BINDER
- ⑤ EXIST. REFLECTIVE CRACK CONTROL TREATMENT
- ⑥ EXIST. 3/4" DIA. SMOOTH BAR
- ⑦ EXIST. 1" DIA. SMOOTH BAR
- ⑧ EXIST. 1/2" DIA. DEFORMED TIE BAR
- ⑨ EXIST. AGGREGATE SHOULDER
- ⑩ PROP. HMA SURFACE REMOVAL, (3/4" & VAR.) DEPTH
- ⑪ PROP. LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑫ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ⑬ PROP. PAVEMENT REMOVAL
- ⑭ PROP. HMA BASE COURSE 10"
- ⑮ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑯ PROP. PAVEMENT MARKING 5"



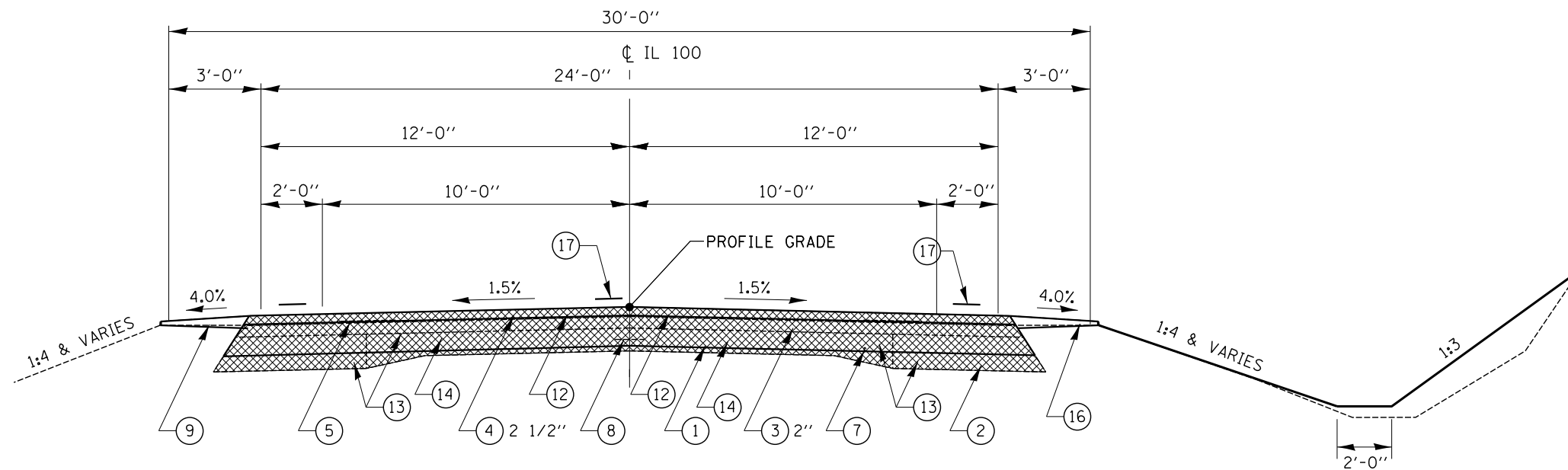
TYPICAL SECTION #1
 STA. 53+80.00 TO STA. 55+27.00
 STA. 56+23.00 TO STA. 57+23.00
 STA. 86+94.00 TO STA. 87+94.00
 STA. 88+93.00 TO STA. 89+93.00

NOTE:
 SEE CROSS SECTIONS
 FOR LOCATIONS



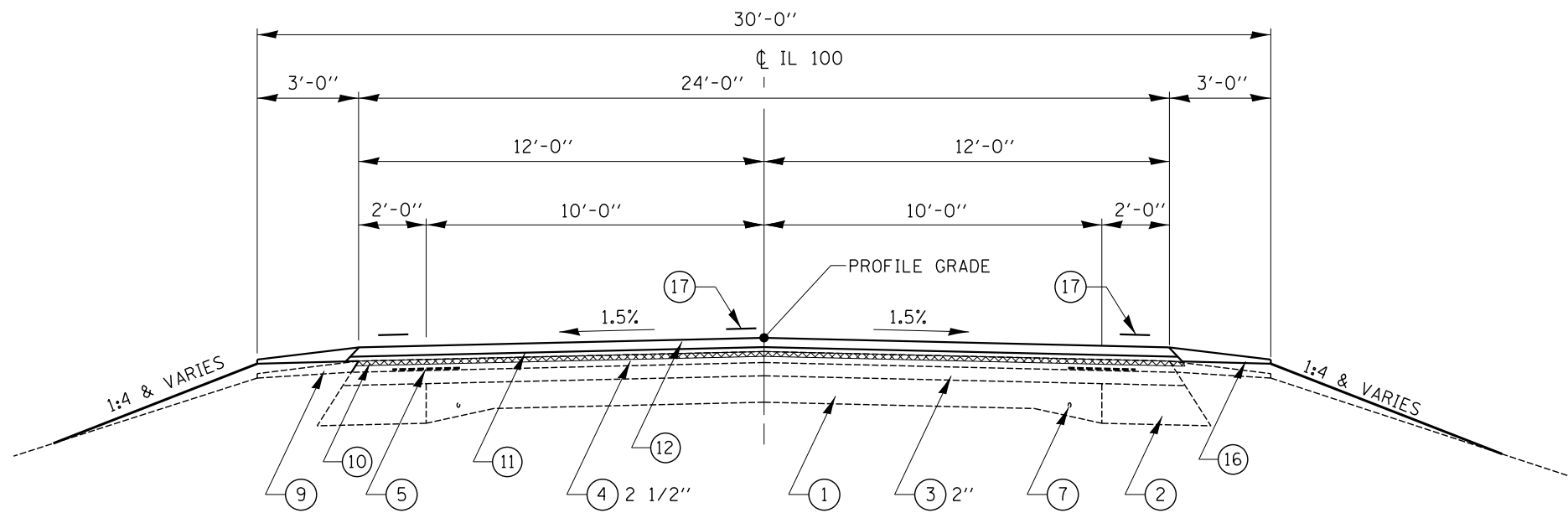
DETAIL - AGGREGATE SHOULDER, TYPE B

NOT TO SCALE



TYPICAL SECTION #2

STA. 434+25.00 TO STA. 435+33.00

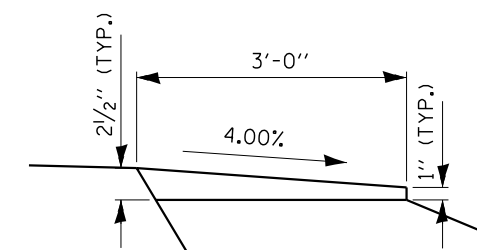


TYPICAL SECTION #1

STA. 433+25.00 TO STA. 434+25.00
 STA. 435+33.00 TO STA. 436+33.00

LEGEND

- ① EXIST. 9-6-9 PCC PAVEMENT
- ② EXIST. HMA WIDENING 9"
- ③ EXIST. HMA OVERLAY
- ④ EXIST. HMA OVERLAY & LEVELING BINDER
- ⑤ EXIST. REFLECTIVE CRACK CONTROL TREATMENT
- ⑥ EXIST. 3/4" DIA. SMOOTH BAR
- ⑦ EXIST. 1" DIA. SMOOTH BAR
- ⑧ EXIST. 1/2" DIA. DEFORMED TIE BAR
- ⑨ EXIST. AGGREGATE SHOULDER
- ⑩ PROP. HMA SURFACE REMOVAL, (3/4" & VAR.) DEPTH
- ⑪ PROP. LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑫ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ⑬ PROP. PAVEMENT REMOVAL
- ⑭ PROP. HMA BASE COURSE 10"
- ⑮ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑯ PROP. PAVEMENT MARKING 5"



DETAIL - AGGREGATE SHOULDER, TYPE B

NOT TO SCALE

FILE NAME = D672840-SHT-016-TYPICAL.dgn	USER NAME = notel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS SN 075-2505			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA. 433+25.00 TO STA. 436+33.00	558	118 (B-1, B-2, B-3)	PIKE	102	17
PLOT DATE = 12/15/2014	DATE -	REVISED -	REVISED -	CONTRACT NO. 72840								

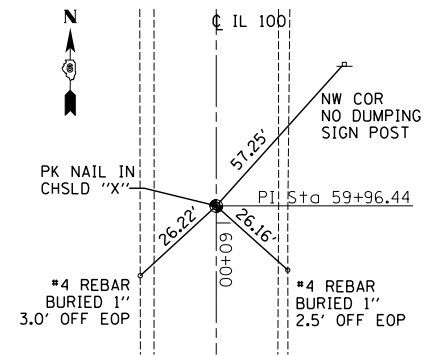
BENCHMARKS

BM #103 - NGVD 1929 ELEV = 591.36
 STA. 55+91, 22' RT
 CHSLD "□" IN SOUTHWEST WINGWALL
 OF EXISTING SN 075-0014

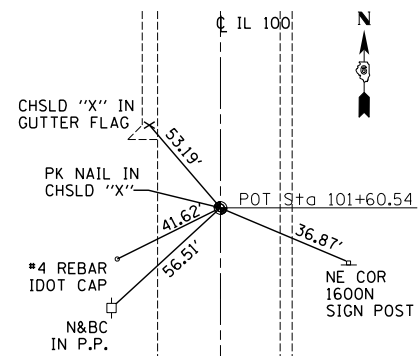
BM #105 - NGVD 1929 ELEV = 611.44
 STA. 88+65, 22' RT
 CHSLD "□" IN SOUTHWEST ABUTMENT
 OF EXISTING SN 075-0055

BM #430 - NAVD 1988 ELEV = 439.20
 STA. 430+87.27, 24.91' LT
 CHSLD "□" ON TOP CENTER WEST HEADWALL
 OF EXISTING CULVERT

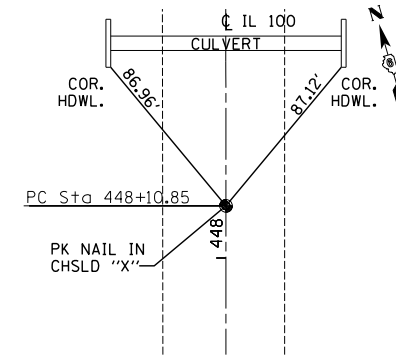
BM #435 - NAVD 1988 ELEV = 442.13
 STA. 434+71.93, 20.44' RT
 CHSLD "□" ON TOP CENTER EAST HEADWALL
 OF EXISTING SN 075-2014



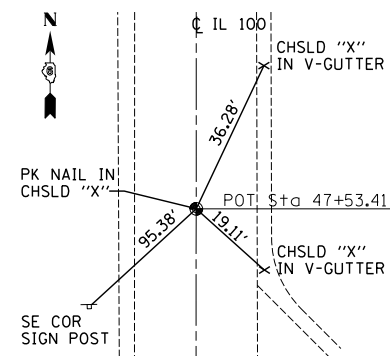
P.I. STA. 59+96.44



POT STA 101+60.54

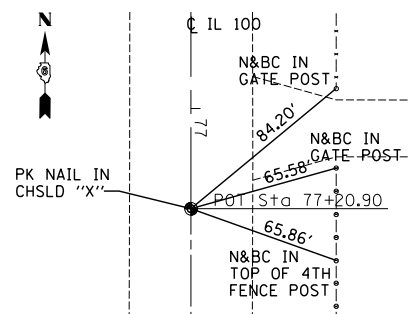


POT STA 448+10.85



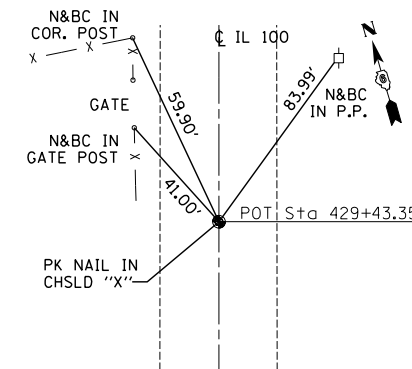
POT STA 47+53.41

HORIZONTAL CONTROL POINTS
 SN 075-2503



PI STA 77+20.40

HORIZONTAL CONTROL POINTS
 SN 075-2504



POT STA 429+43.35

HORIZONTAL CONTROL POINTS
 SN 075-2505

FILE NAME =
 D672840-SHT-018-ATB.dgn

USER NAME = notel
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

**IL 100 ALIGNMENT TIE SHEET
 IDOT CONTROL POINTS & BENCHMARKS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	18
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

EX SN 075-0014, STA 55+75.00
 REMOVE EXISTING STRUCTURE NO. 1
 SINGLE SPAN CONCRETE T BEAM
 STRUCTURE WITH CLOSED ABUTMENTS

PR SN 075-2503, STA. 55+75.00 0° SKEW
 306' PRECAST BOX CULVERTS 10'x8', ASTM C 1577
 DESIGN FILL = 8.7' MIN / 10.1' MAX
 2 CIP END SECTIONS (SEE CULVERT DETAIL SHEET)
 USFL = 574.40, STA. 55+75.00, 51.00' RT
 DSFL = 574.00, STA. 55+75.00, 51.00' LT

N.E. 1/4, SEC 30, T.5S., R.2W., 4TH P.M.

TREE REMOVAL SHALL BE APPROVED
 BY ENGINEER PRIOR TO REMOVAL.

LEAVE ALL TREES OUTSIDE
 CONSTRUCTION LIMITS

RICHARD TERRY & INA MICHELLE RUSH
 [PARCEL NO. 6091104-A]

STONE DUMP RIPRAP CL A4 - 1,209 TON
 STA 55+75 TO STA 58+00, LT

RIPRAP SLURRY (11.5'W X 50'L) - 64 SY
 STA 55+00 TO STA 55+50, LT

STONE DUMP RIPRAP CL A4 - 300 TON
 STA 53+50 TO STA 55+50, LT

STA 53+40, LT
 BEGIN AGG SHLD, TY B

DIRT
 FE
 30" CMP

EXISTING RIPRAP

EXISTING RIPRAP

EX GUARDRAIL
 TO BE REMOVED (TYP)

EXISTING RIPRAP

2' FB DITCH, 1:3 S.S., 1' DP
 STA 58+00 EL. = 596.19
 STA 57+75 EL. = 571.60
 STONE DUMP RIPRAP CL A4
 46 TON (8.3'W X 75'L)

STA 58+50, LT
 END AGG SHLD, TY B

1

2

3

4

5

BIT

BORING #1

EXISTING RIPRAP

EX GUARDRAIL
 TO BE REMOVED (TYP)

EXISTING RIPRAP

EXISTING RIPRAP

28 PR COPPER
 VERIZON

STA. 54+17.00
 24' HMA/AGG C.E.

54+50.00
 50.00' RT

55+50.00
 90.00' RT

STONE DUMP RIPRAP CL A4 - 82 TON
 STA 55+75, RT (52.0'W X 21.4'L)

57+50.00
 90.00' RT

58+00.00
 75.00' RT

6" PVC WATER
 PIKE CO. WATER DIST. #1

BLUE RIVER CEMETERY ASSOCIATION
 [PARCEL NO. 6091105]

KEVIN WARNER KNIPMEYER and BRETT CLAYTON KNIPMEYER
 [PARCEL NO. 6091106]

1 STA 53+80.00
 BEGIN SEC. 118 (B-1)
 BEGIN 30' BUTT JOINT
 (SEE BUTT JOINT DETAIL)

2 STA 53+80.00 TO STA 55+27.00
 PR HMA SURFACE REMOVAL, VAR DEPTH
 PR LEVELING BINDER 3/4"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)

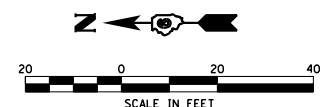
3 STA 55+27.00 TO STA 56+23.00
 PR PAVEMENT REMOVAL
 PR HMA BASE CSE 10"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)

4 STA 56+23.00 TO STA 57+23.00
 PR HMA SURFACE REMOVAL, VAR DEPTH
 PR LEVELING BINDER 3/4"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)

5 STA 57+23.00
 END SEC. 118 (B-1)
 END 30' BUTT JOINT
 (SEE BUTT JOINT DETAIL)

B.M.#103 : CHIS "□" IN TOP OF S.W. WINGWALL
 OF SN 075-0014 STA. 55+91 22' RT
 NGVD 29 = EL. 591.36

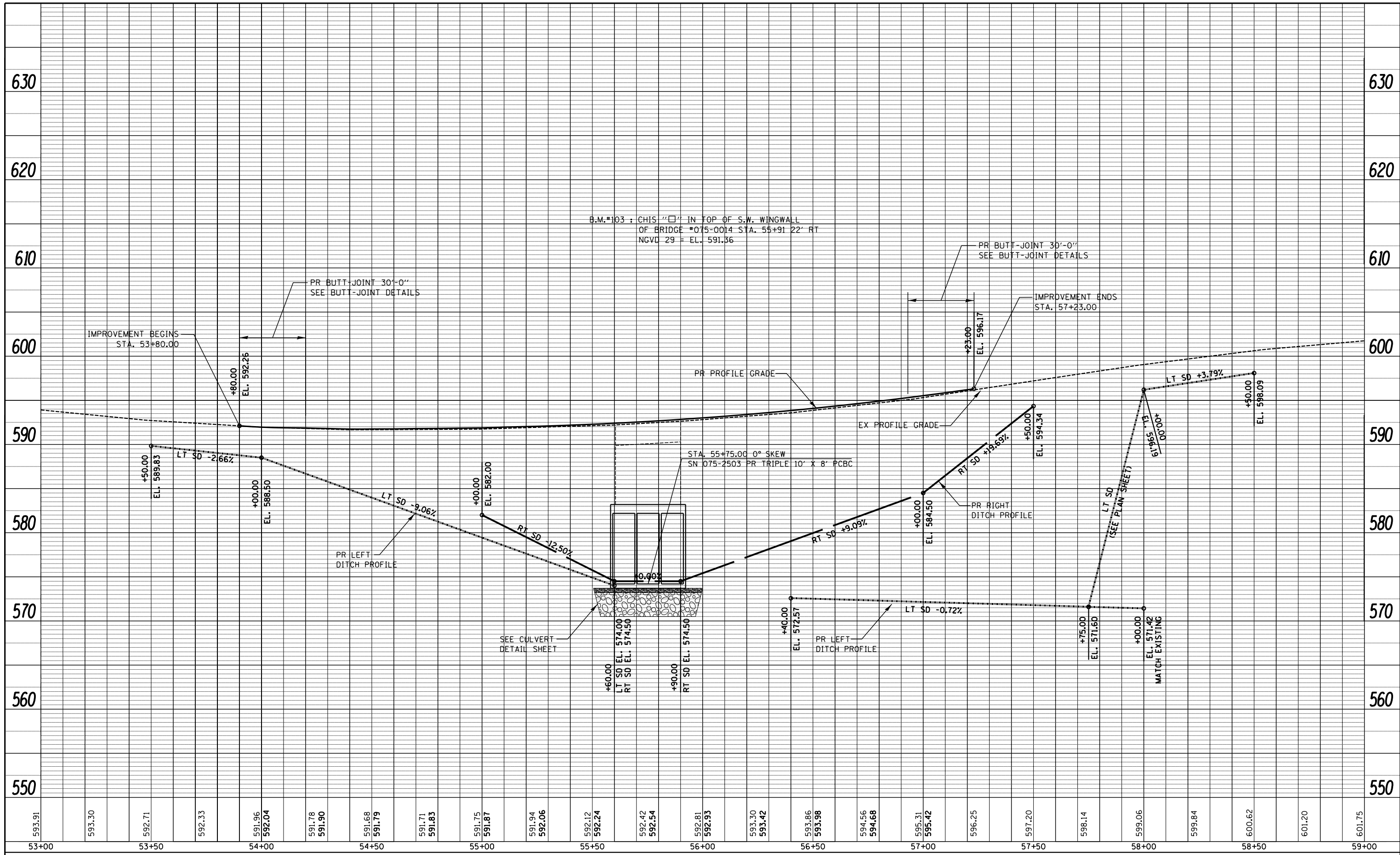
N.E. 1/4, SEC 30, T.5S., R.2W., 4TH P.M.



FILE NAME = D672840-SHT-019-PLAN-SN2503.dgn	USER NAME = netel	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET SN 075-2503	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	CHECKED - DATE -	REVISED - REVISED -			558	118 (B-1, B-2, B-3)	PIKE	102	19
	PLOT DATE = 12/15/2014					SCALE: 1:20 SHEET 1 OF 2 SHEETS STA. 53+00.00 TO STA. 59+00.00		CONTRACT NO. 72840 ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



FILE NAME = D672840-SHT-020-PROF-SN2503.dgn
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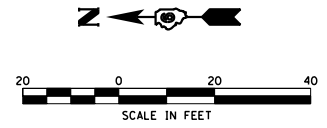
USER NAME = notel
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -	DBS	REVISED -	
DRAWN -	PSBA	REVISED -	
CHECKED -	CSB	REVISED -	
DATE -	11/2014	REVISED -	

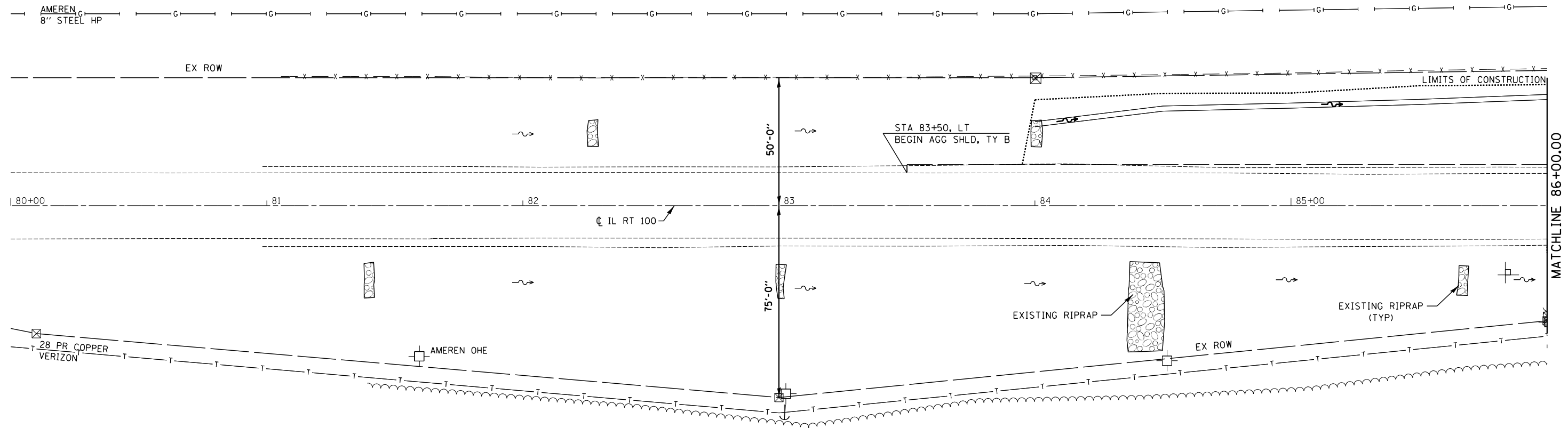
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROFILE SHEET
 SN 075-2503**
 SCALE: NOTED SHEET 2 OF 2 SHEETS STA. 53+00.00 TO STA. 59+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	20
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	



RICHARD TERRY RUSH and INA MICHELLE RUSH

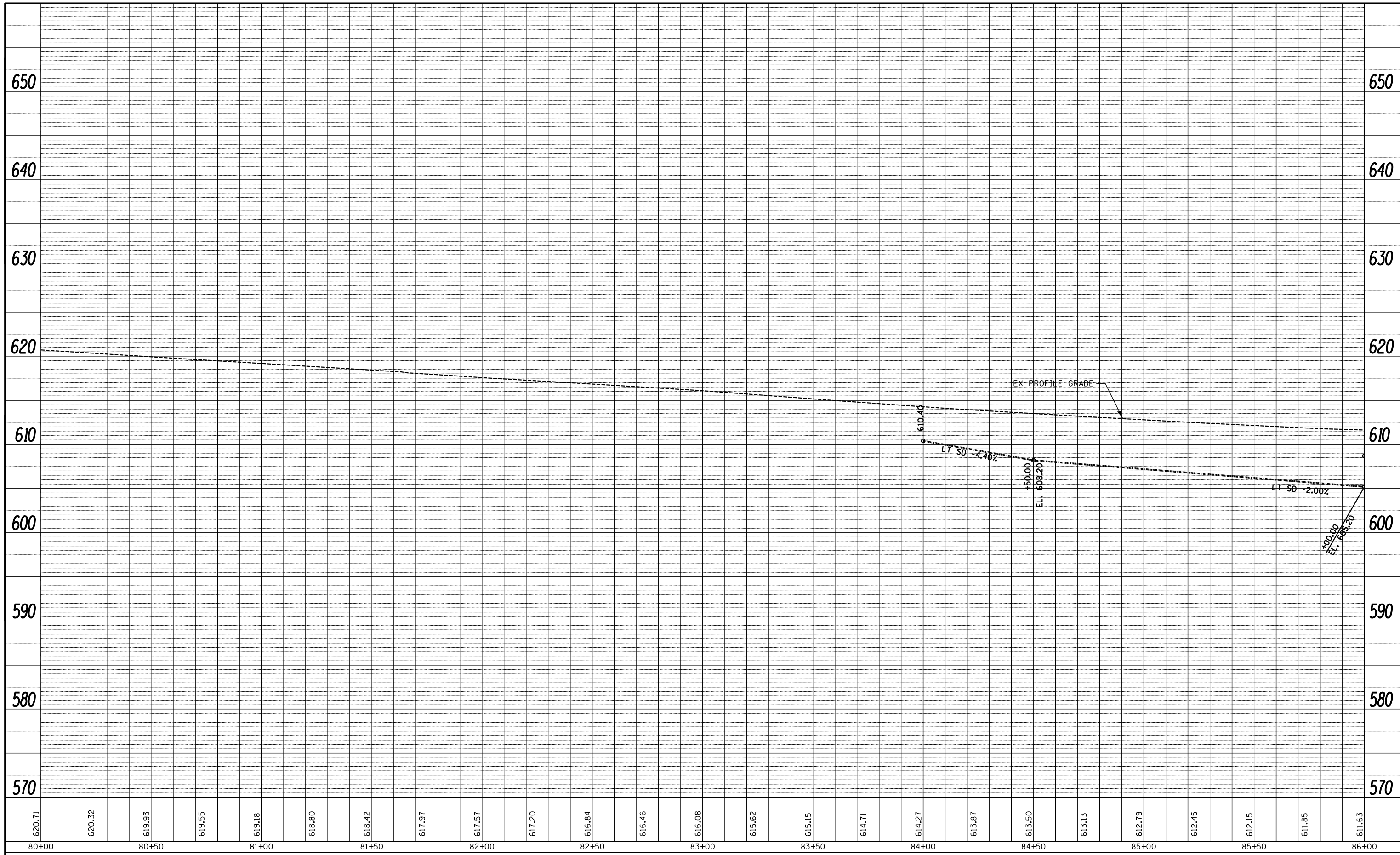


WAYNE L. BUTLER and MARGARET BUTLER

FILE NAME = D672840-SHT-021-023-PLAN-SN2504.dgn	USER NAME = notel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET SN 075-2504		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				558	118 (B-1, B-2, B-3)	PIKE	102	21
Default	PLOT DATE = 12/15/2014	DATE -	REVISED -	SCALE: 1:20 SHEET 1 OF 4 SHEETS STA. 80+00.00 TO STA. 86+00.00		CONTRACT NO. 72840		ILLINOIS FED. AID PROJECT			

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

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



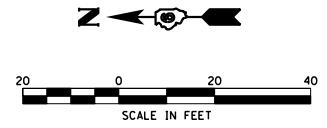
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Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 12/15/2014	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROFILE SHEET
SN 075-2504**

SCALE: NOTED SHEET 2 OF 4 SHEETS STA. 80+00.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	22
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	

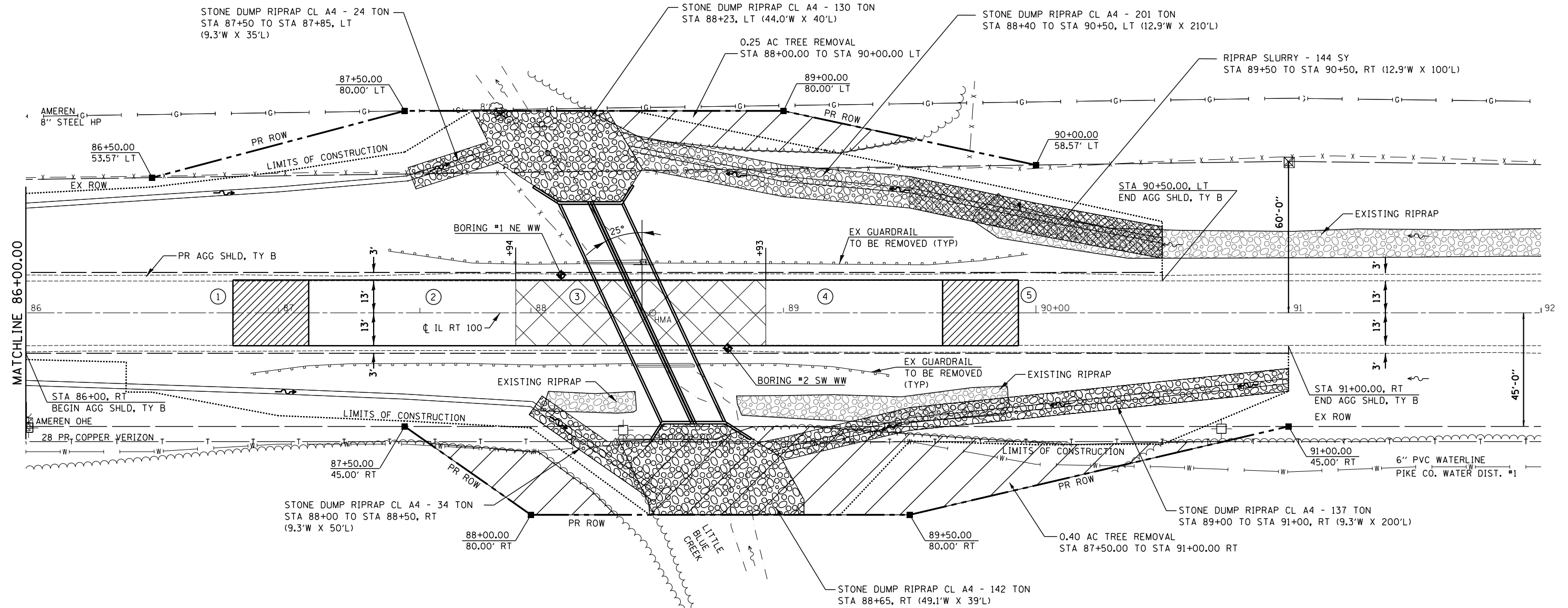


EX SN 075-0055, STA 88+44.00
 REMOVE EXISTING STRUCTURE NO. 2
 SINGLE 12'-6" SPAN CONCRETE
 SLAB STRUCTURE WITH
 CLOSED ABUTMENTS

PR SN 075-2504, STA 88+44.00 25° SKEW RT AH
 160' PRECAST BOX CULVERTS 10'x5', ASTM C 1577
 DESIGN FILL = 3.6' MIN / 5.1' MAX
 2 CIP END SECTIONS (SEE CULVERT DETAIL SHEET)
 USFL = 601.74, STA. 88+64.52, 44.00' RT
 DSFL = 600.97, STA. 88+23.48, 44.00' LT

RICHARD TERRY RUSH and INA MICHELLE RUSH

PARCEL NO. 6091104-B



WAYNE L. BUTLER and MARGARET BUTLER

PARCEL NO. 6091107

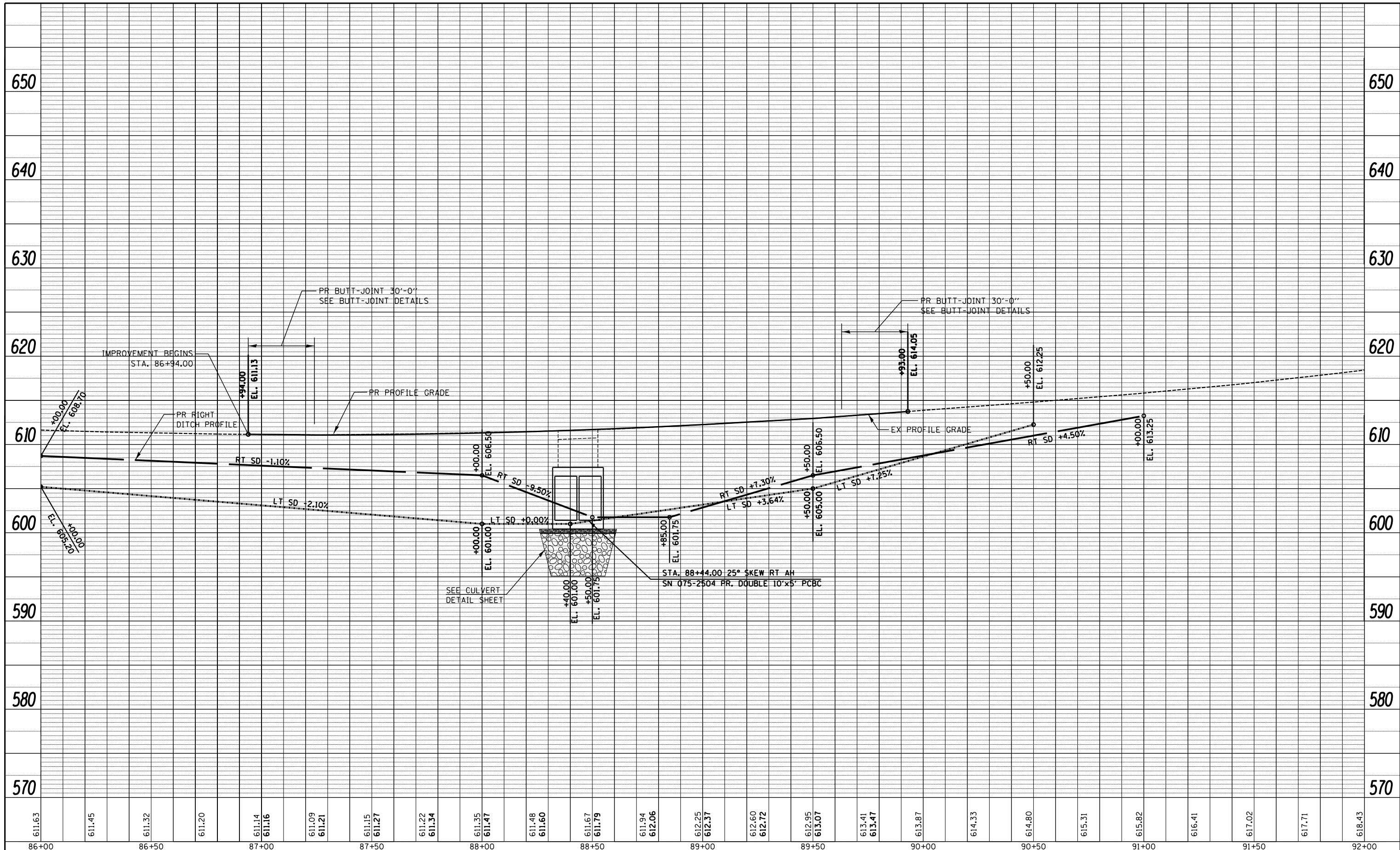
- ① STA 86+94.00
 BEGIN SEC. 118 (B-2)
 BEGIN 30' BUTT-JOINT
 (SEE BUTT-JOINT DETAILS)
- ② STA 86+94.00 TO STA 87+94.00
 PR HMA SURFACE REMOVAL, VAR DEPTH
 PR LEVELING BINDER 3/4"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)
- ③ STA 87+94.00 TO STA 88+93.00
 PR PAVEMENT REMOVAL
 PR HMA BASE CSE 10"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)
- ④ STA 88+93.00 TO STA 89+93.00
 PR HMA SURFACE REMOVAL, VAR DEPTH
 PR LEVELING BINDER 3/4"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)
- ⑤ STA 89+93.00
 END SEC. 118 (B-2)
 END 30' BUTT-JOINT
 (SEE BUTT-JOINT DETAILS)

B.M.*105 : CHIS "□" IN S.W. ABUT. OF BRIDGE
 *075-0055 AT STA. 88+65.3 22' RT
 NGVD 29 = EL. 611.44

FILE NAME = D672840-SHT-021-023-PLAN-SN2504.dgn	USER NAME = natal	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET SN 075-2504	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	CHECKED - DATE -	REVISED - REVISED -			558	118 (B-1, B-2, B-3)	PIKE	102	23
	PLOT DATE = 12/15/2014					SCALE: 1:20 SHEET 3 OF 4 SHEETS STA. 86+00.00 TO STA. 92+00.00		CONTRACT NO. 72840 ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



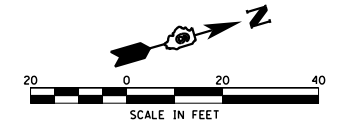
611.63	611.45	611.32	611.20	611.14	611.16	611.09	611.21	611.15	611.27	611.22	611.34	611.35	611.47	611.48	611.60	611.67	611.79	611.94	612.06	612.25	612.37	612.60	612.72	612.95	613.07	613.41	613.47	613.87	614.33	614.80	615.31	615.82	616.41	617.02	617.71	618.43
86+00		86+50		87+00		87+50		88+00		88+50		89+00		89+50		90+00		90+50		91+00		91+50		92+00												

FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-022-024-PROF-SN2504.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

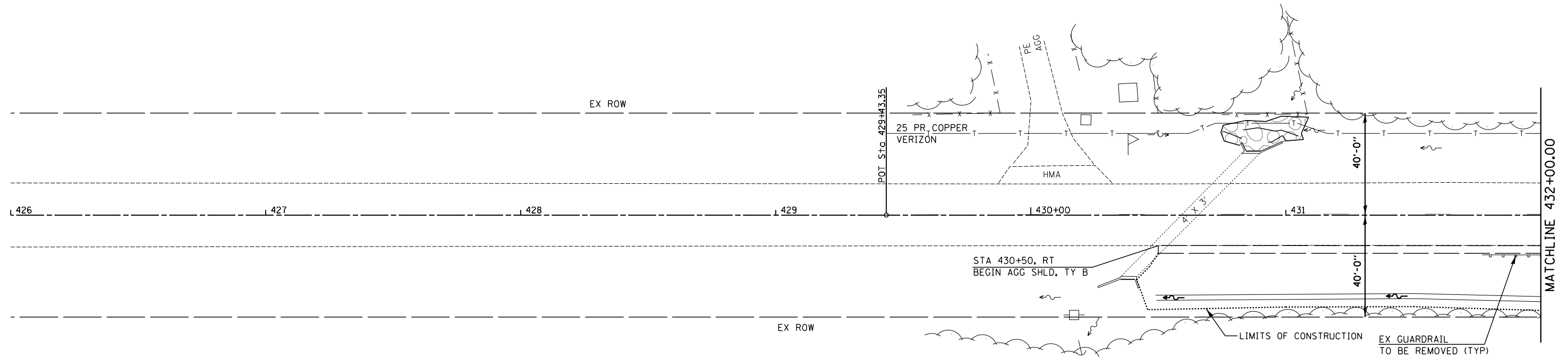
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE SHEET	
SN 075-2504	
SCALE: NOTED	SHEET 4 OF 4 SHEETS
STA. 86+00.00	TO STA. 92+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	24
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	



DAVID HOOVER, LORETTA JEAN HOOVER, RICHARD A. & DEE ANN HOOVER, and BRIAN HOOVER - JOINT TENANTS

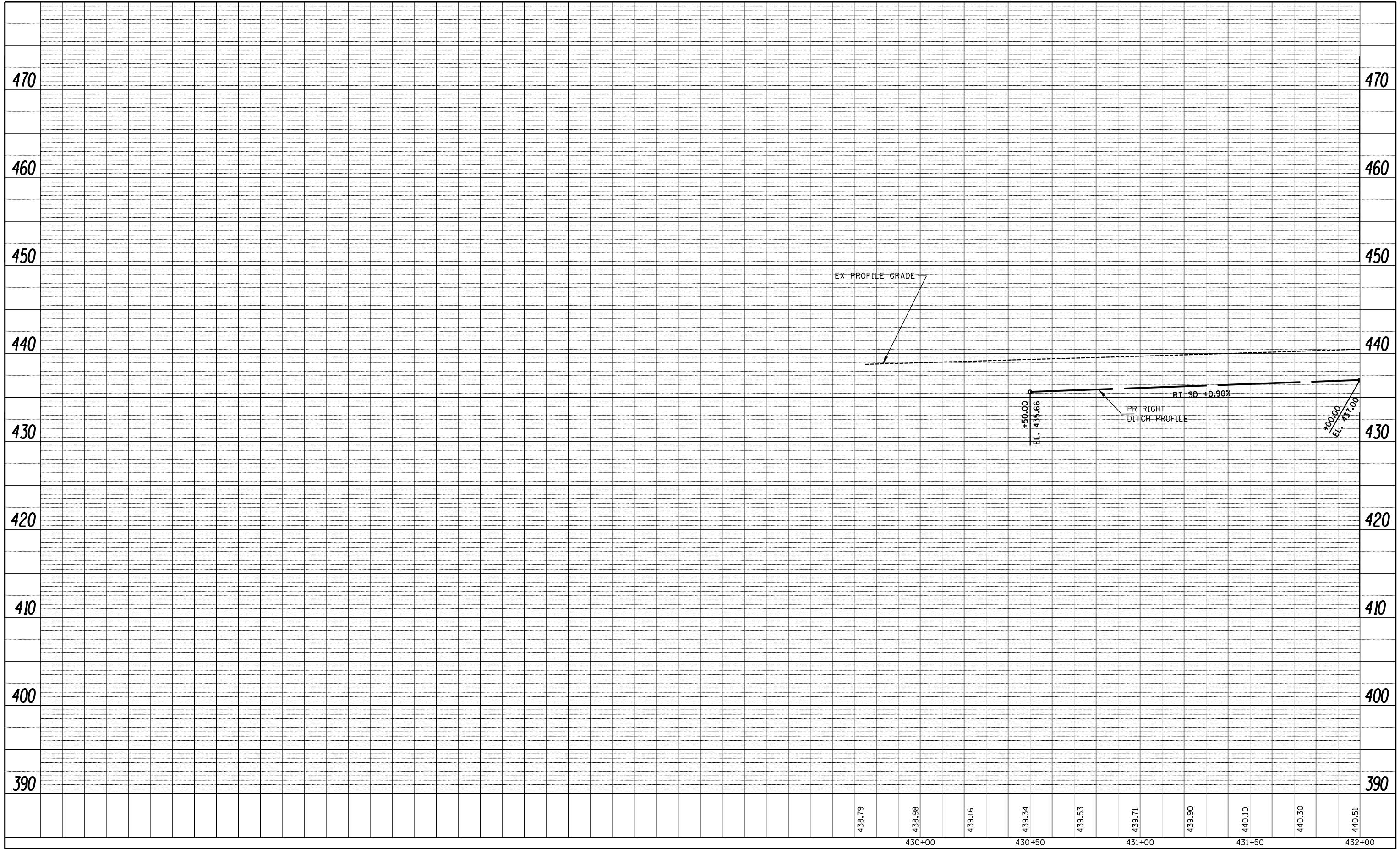


DAVID HOOVER, LORETTA JEAN HOOVER, RICHARD A. & DEE ANN HOOVER, and BRIAN HOOVER - JOINT TENANTS

FILE NAME = D672840-SHT-025-027-PLAN-SN2505.dgn	USER NAME = notel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET SN 075-2505		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				558	118 (B-1, B-2, B-3)	PIKE	102	25	
Default	PLOT DATE = 12/16/2014	DATE -	REVISED -		SCALE: 1:20	SHEET 1 OF 4 SHEETS	STA. 426+00.00 TO STA. 432+00.00	CONTRACT NO. 72840				
							ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT	
	CHECKED	
	CAD FILE NAME	

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



FILE NAME = D672840-SHT-026-028-PROF-SN2505.dgn
 Default

USER NAME = notel
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROFILE SHEET
 SN 075-2505**

SCALE: NOTED SHEET 2 OF 4 SHEETS STA. 430+00.00 TO STA. 432+00.00

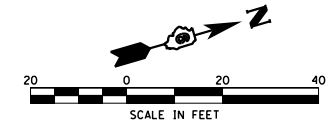
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	26
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	

B.M.#435 : CHSLD. "□" ON TOP CENTER EAST HDWL. (SN 075-2014)
 STA. 434+71.98 20.44'RT
 NAVD 88 = EL. 442.13

EX SN 075-2014, STA 434+72.00
 REMOVE EXISTING STRUCTURE NO. 3
 DOUBLE 10' X 6' CONCRETE
 BOX CULVERT TO BE REMOVED

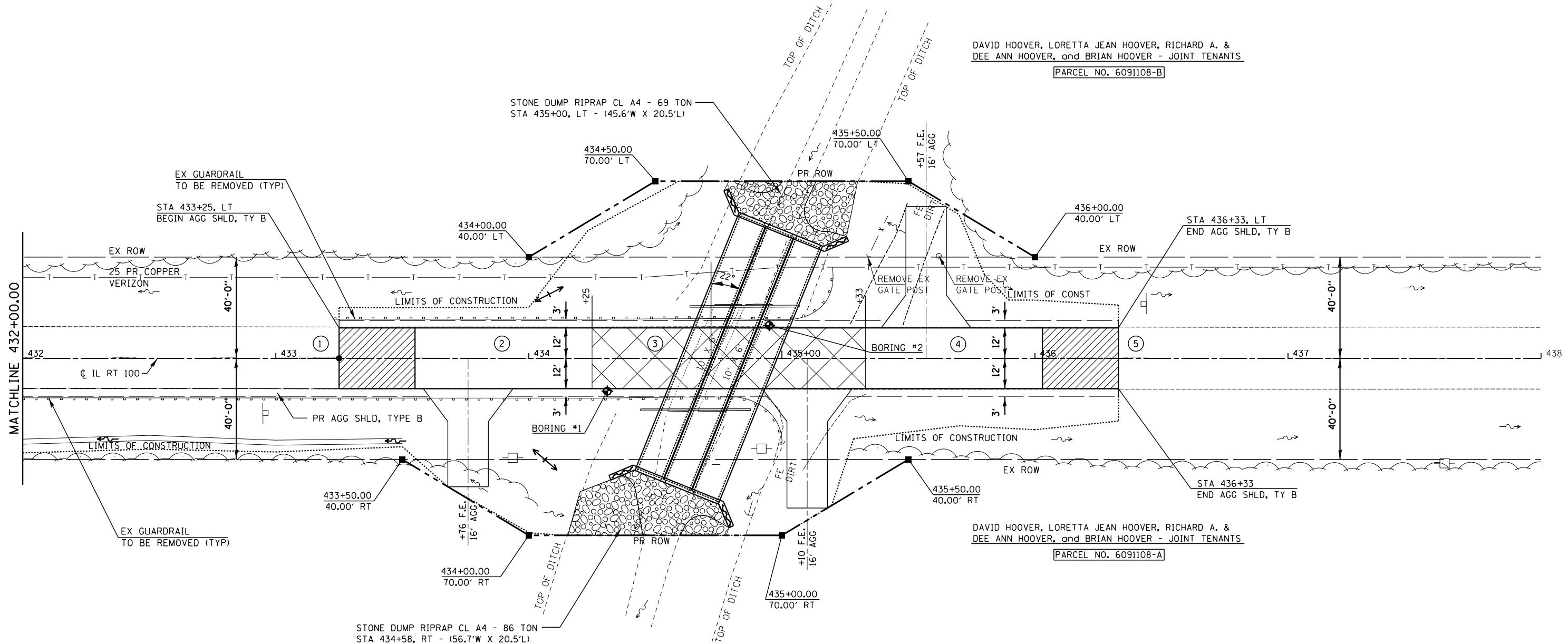
PR SN 075-2505, STA. 434+79, 22° SKEW LT AH
 324' PRECAST BOX CULVERTS TRIPLE 10'x6', ASTM C 1577
 DESIGN FILL = 1.3' MIN / 1.9' MAX
 2 CIP END SECTION (SEE CULVERT DETAIL SHEET)
 USFL = 433.54, STA. 434+99.60, 51.00' LT
 DSFL = 433.36, STA. 434+58.40, 51.00' RT

B.M.#430 : CHSLD. "□" ON TOP CENTER WEST HDWL.
 STA. 430+87.27 24.91'LT
 NAVD 88 = EL. 439.20



DAVID HOOVER, LORETTA JEAN HOOVER, RICHARD A. & DEE ANN HOOVER, and BRIAN HOOVER - JOINT TENANTS
 PARCEL NO. 6091108-B

DAVID HOOVER, LORETTA JEAN HOOVER, RICHARD A. & DEE ANN HOOVER, and BRIAN HOOVER - JOINT TENANTS
 PARCEL NO. 6091108-A



① STA 433+25.00
 BEGIN SEC. 118 (B-3)
 BEGIN 30' BUTT-JOINT
 (SEE BUTT-JOINT DETAILS)

② STA 433+55.00 TO STA 434+25.00
 PR HMA SURFACE REMOVAL, VAR DEPTH
 PR LEVELING BINDER 3/4"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)

③ STA 434+25.00 TO STA 435+33.00
 PR PAVEMENT REMOVAL
 PR HMA BASE CSE 10"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)

④ STA 435+33.00 TO STA 436+03.00
 PR HMA SURFACE REMOVAL, VAR DEPTH
 PR LEVELING BINDER 3/4"
 PR HMA SURFACING, 1 1/2"
 (SEE TYPICAL SECTIONS)

⑤ STA 436+33.00
 END SEC. 118 (B-3)
 END 30' BUTT-JOINT
 (SEE BUTT-JOINT DETAILS)

FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-025-027-PLAN-SN2505.dgn		DRAWN -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = 12/16/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

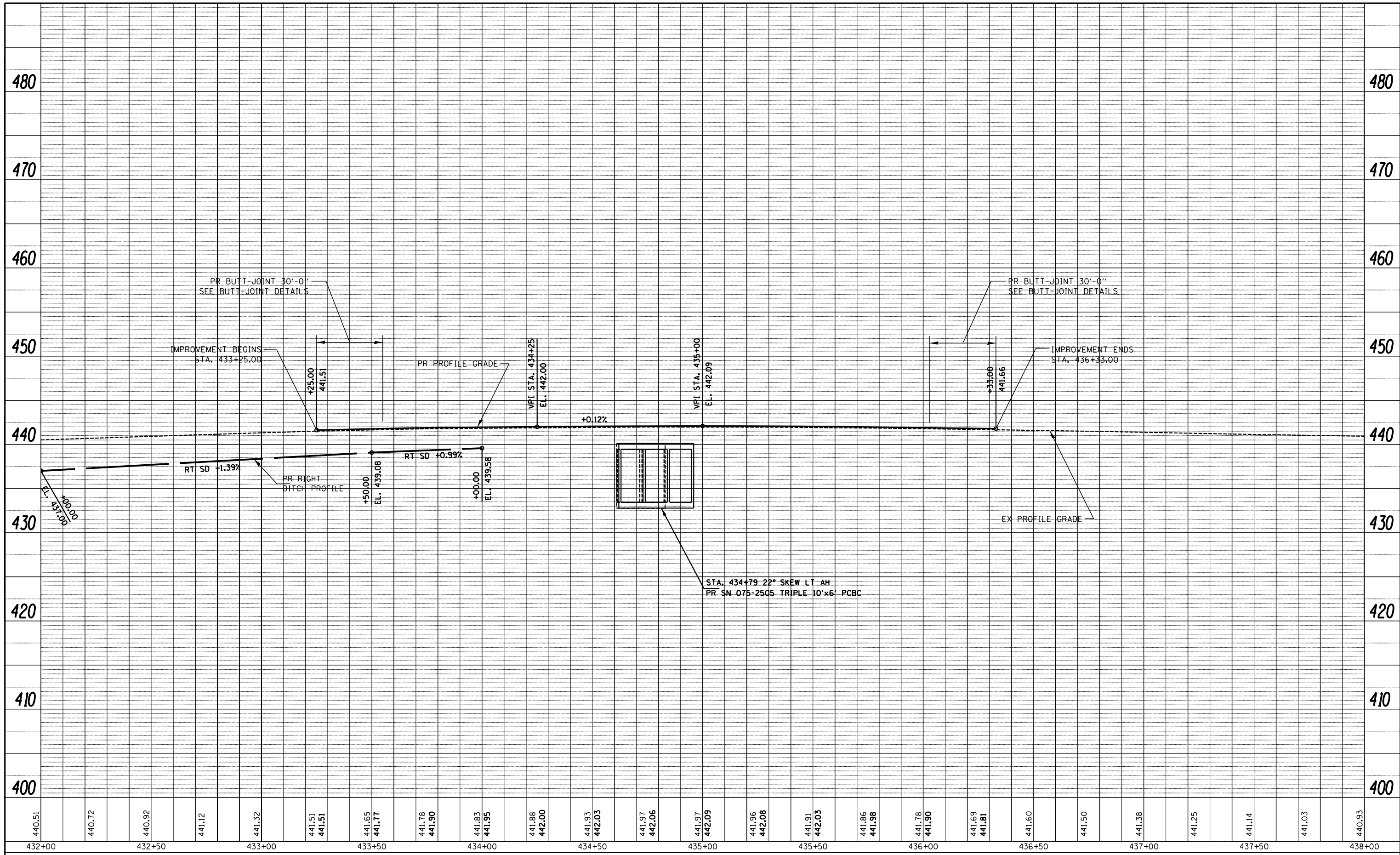
PLAN SHEET
 SN 075-2505

SCALE: 1:20 SHEET 3 OF 4 SHEETS STA. 432+00.00 TO STA. 438+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	27
				CONTRACT NO. 72840
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



FILE NAME = D672840-SHT-026-028-PROF-SN2505.dgn
 Default

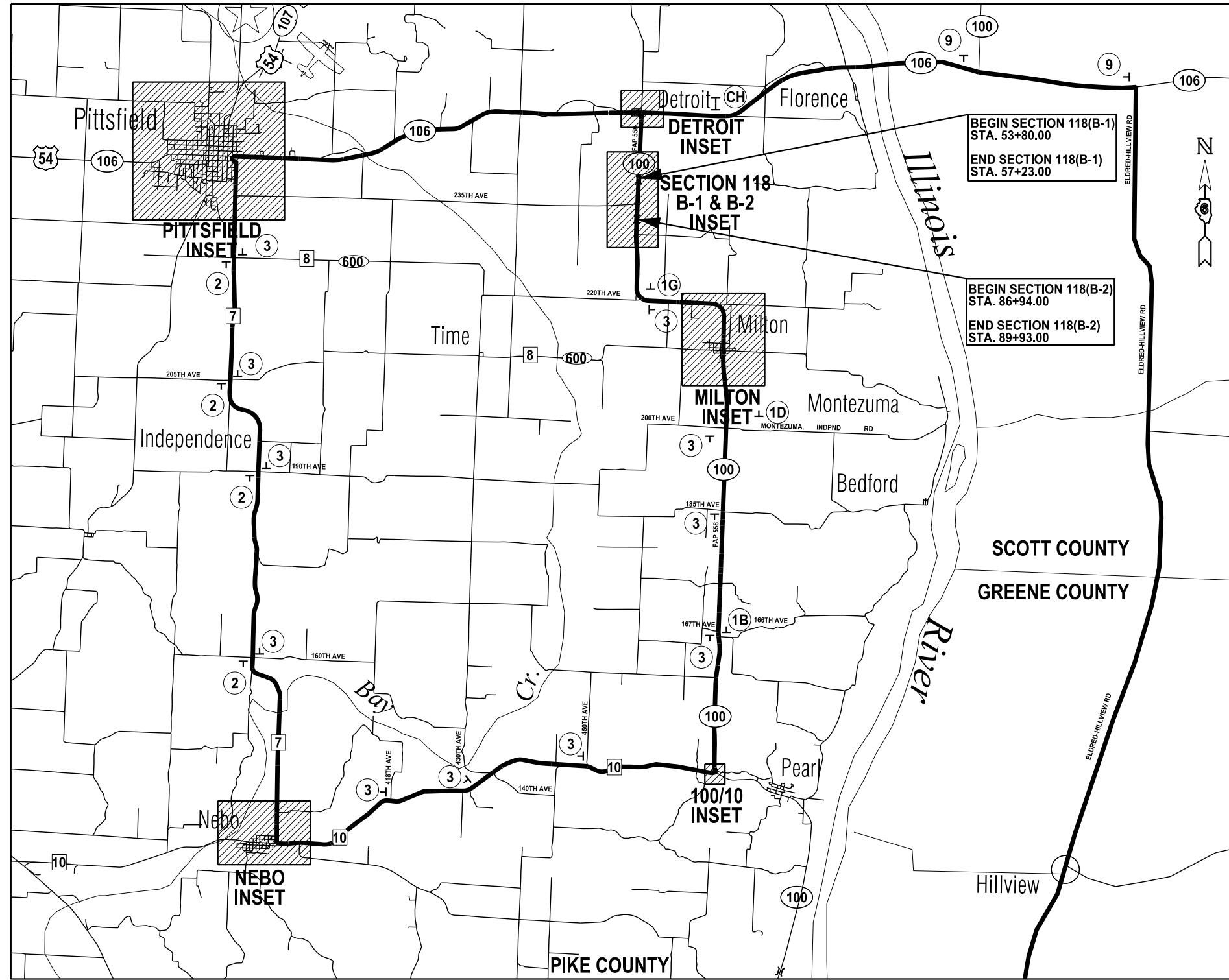
USER NAME = notel
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROFILE SHEET
SN 075-2505
 SCALE: NOTED SHEET 4 OF 4 SHEETS STA. 432+00.00 TO STA. 438+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	28
CONTRACT NO. 72840				ILLINOIS FED. AID PROJECT



VICINITY MAP
NTS

SEE NOTE 8.

SN 075-2503 AND SN 075-2504
IL 100 ROAD CLOSURE NORTH OF MILTON AND SOUTH OF DETROIT

NOTES

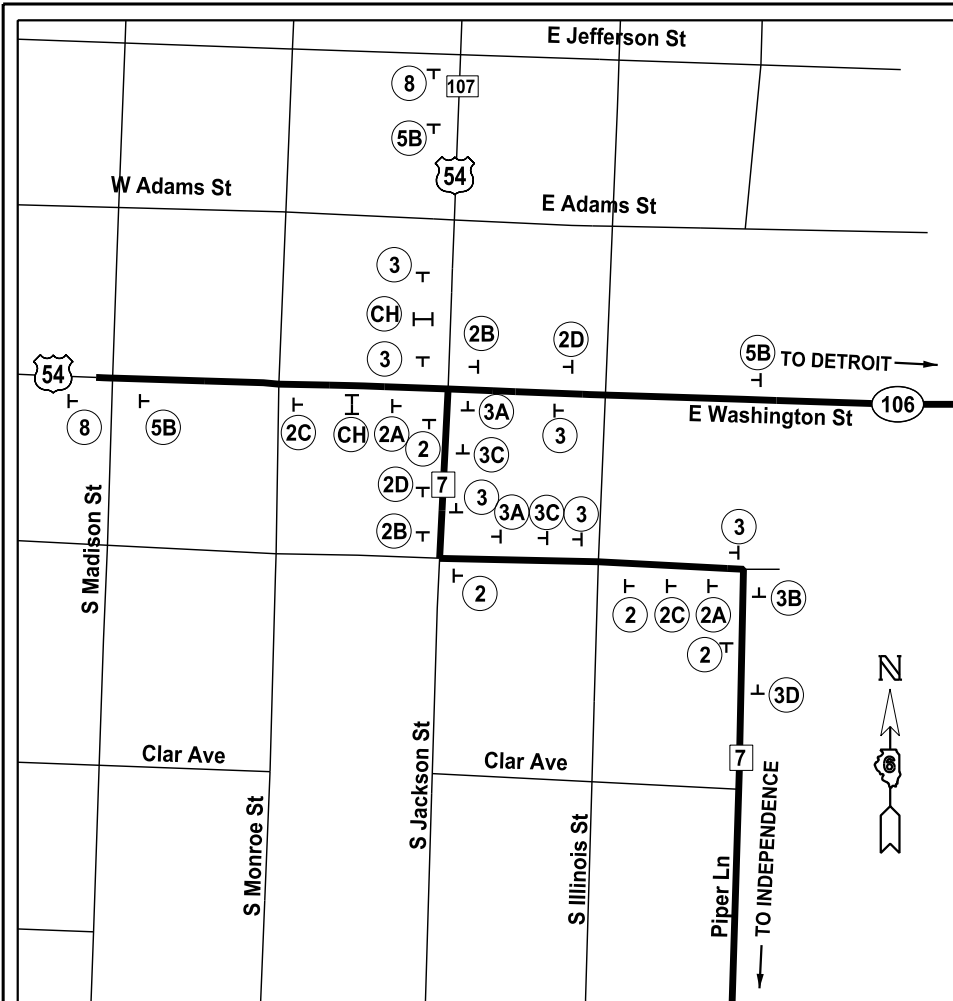
1. SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL PLAN.
2. WORK SHALL BE CONSTRUCTED UNDER ONE 50-DAY CLOSURE.
3. ACCESS TO PRIVATE ENTRANCES MUST BE MAINTAINED AT ALL TIMES.
4. CHANGEABLE MESSAGE SIGNS SHALL NOTIFY TRAVELING PUBLIC FOR A PERIOD OF 2 WEEKS PRIOR AND THROUGHOUT IL 100 ROAD CLOSURE.
 - A. US 54: WEST OF CH 7
 - B. US 54/IL 107: NORTH OF CH 7
 - C. IL 100: SOUTH OF CH 10
 - D. IL 106: EAST OF IL 100
5. USE HIGHWAY STANDARD BLR 21 AND BLR 22 ON IL 100 AT 235th AVE AND POSITION TYPE III BARRICADES FOR LOCAL ACCESS.
6. LOCATION OF DETOUR SIGNS ARE SUBJECT TO APPROVAL OF ENGINEER.
7. FURNISHING, PLACING AND REMOVING ALL DETOUR SIGNING WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR DETOUR SIGNING. CHANGEABLE MESSAGE SIGNS WILL BE MEASURED AND PAID FOR SEPARATELY.
8. PLACE ADDITIONAL ADVISORY SIGN (9) ON IL 108 WESTBOUND AT INTERSECTION WITH ELDRED - HILLVIEW ROAD.

FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-029-MAINTENANCE OF TRAFFIC	dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 40960.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

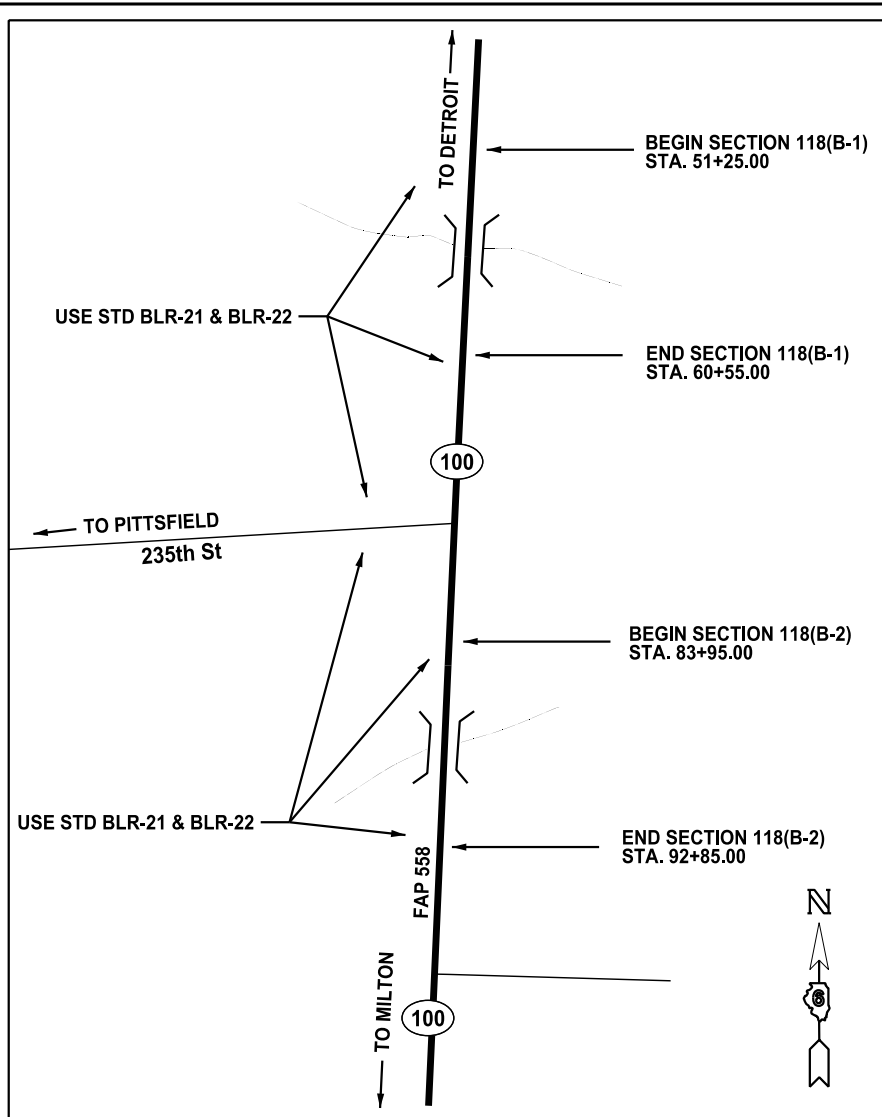
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROAD CLOSURE AND DETOUR			
TRAFFIC CONTROL PLAN SN 075-2503 & SN 075-2504			
SCALE: NTS	SHEET 1 OF 5 SHEETS	STA. TO STA.	

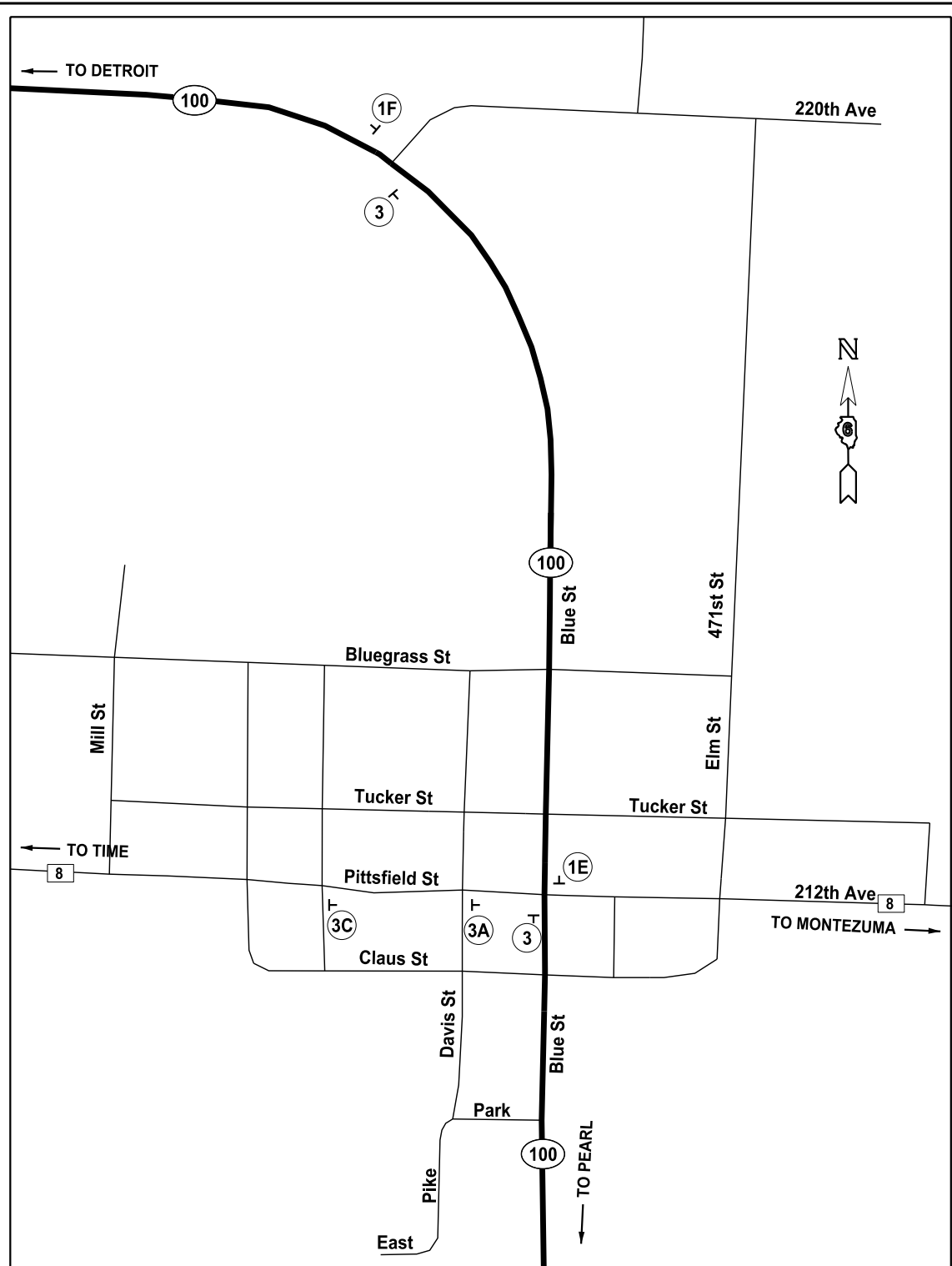
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	29
				CONTRACT NO. 72840
ILLINOIS FED. AID PROJECT				



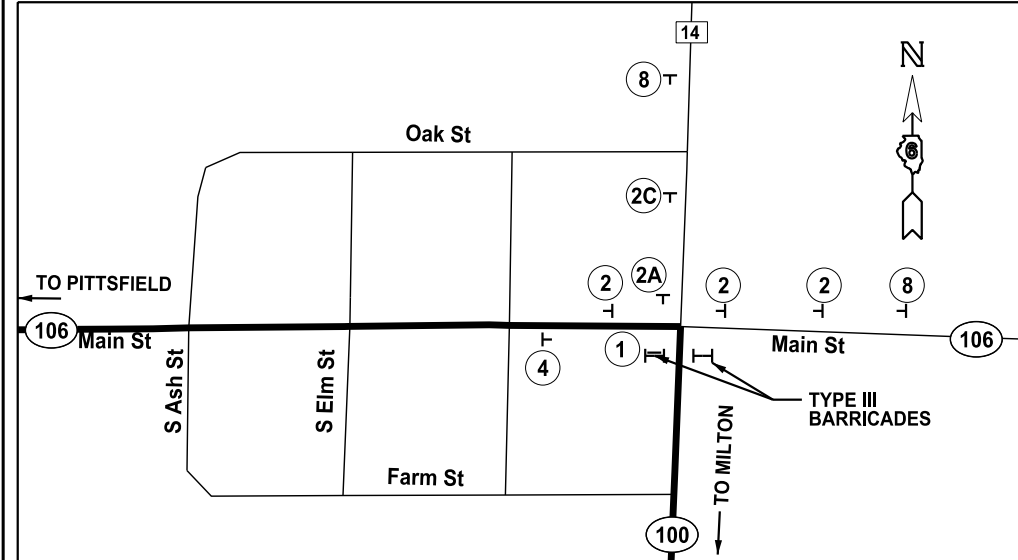
**PITTSFIELD INSET
NTS**



**SECTION 118 B-1 & B-2 INSET
NTS**



**MILTON INSET
NTS**



**DETROIT INSET
NTS**

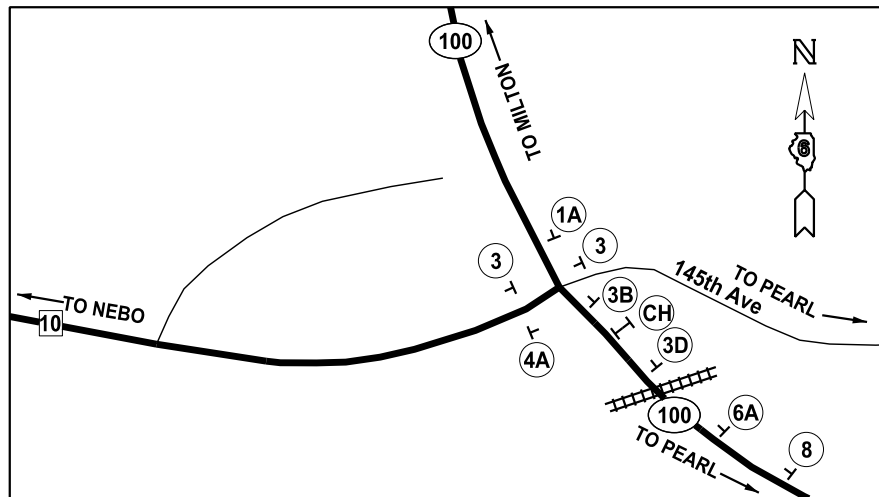
FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-029-MAINTENANCE OF TRAFFIC	dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 40960.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

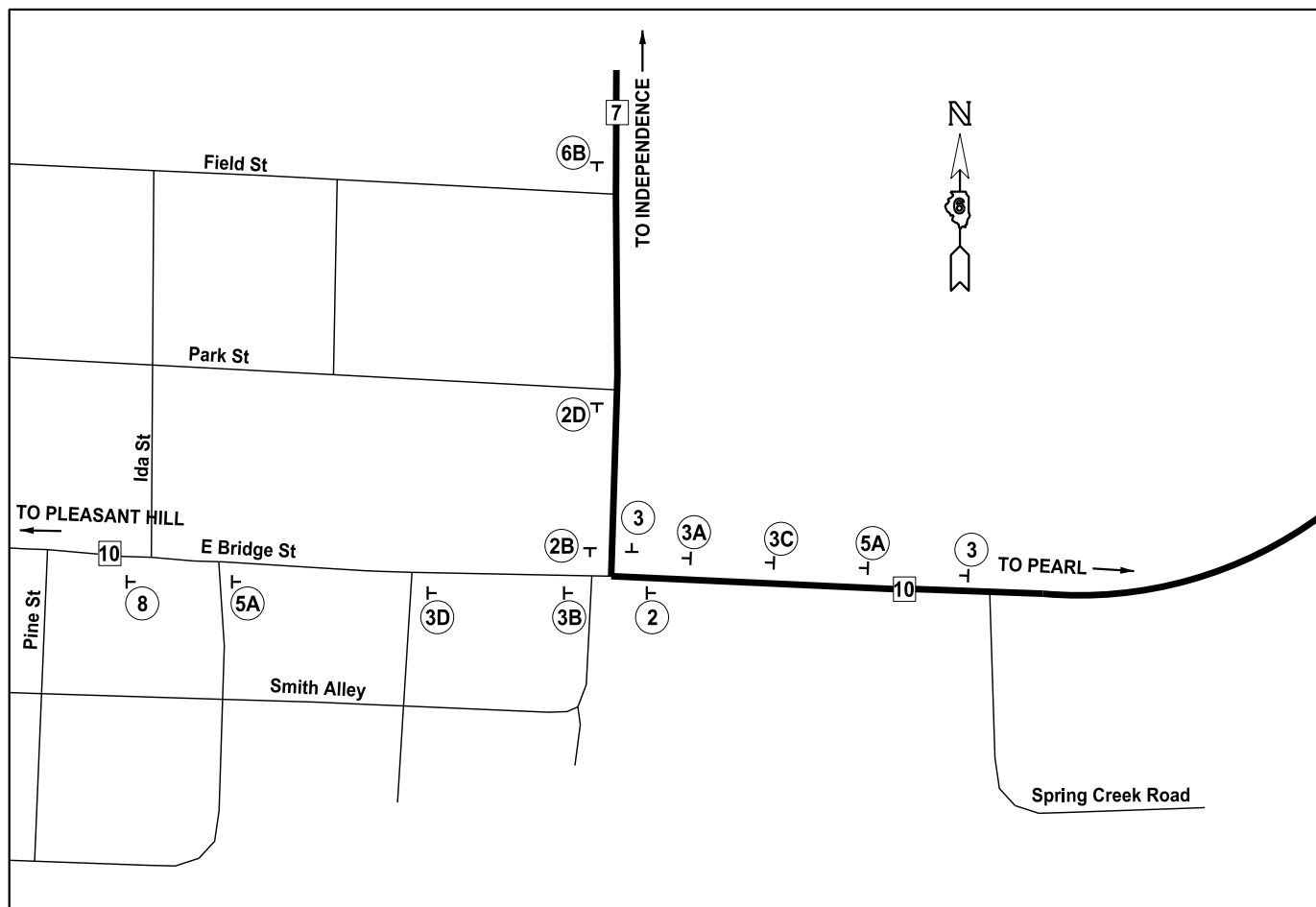
**ROAD CLOSURE AND DETOUR
TRAFFIC CONTROL PLAN SN 075-2503 & SN 075-2504**

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	30
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



100/10 INSET
NTS



NEBO INSET
NTS

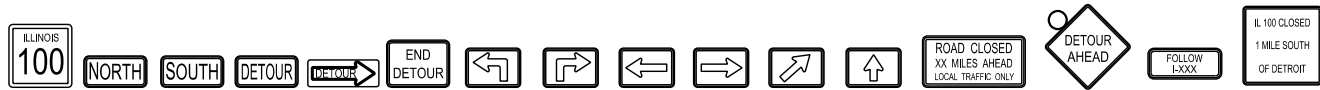
FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-029-MAINTENANCE OF TRAFFIC	dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 40960.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

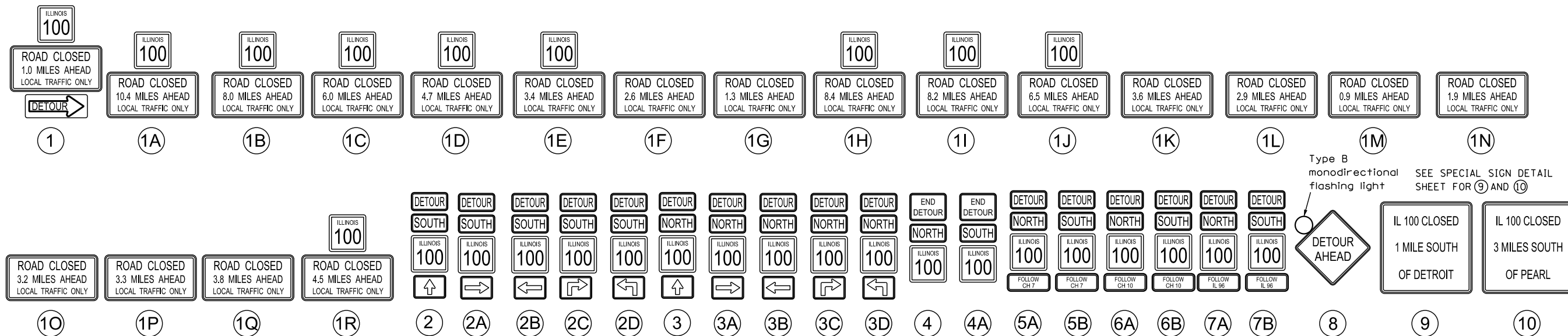
ROAD CLOSURE AND DETOUR
TRAFFIC CONTROL PLAN SN 075-2503 & SN 075-2504

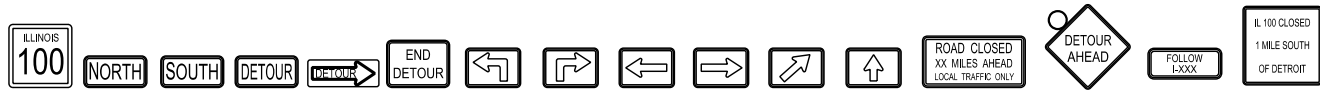
SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	31
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	

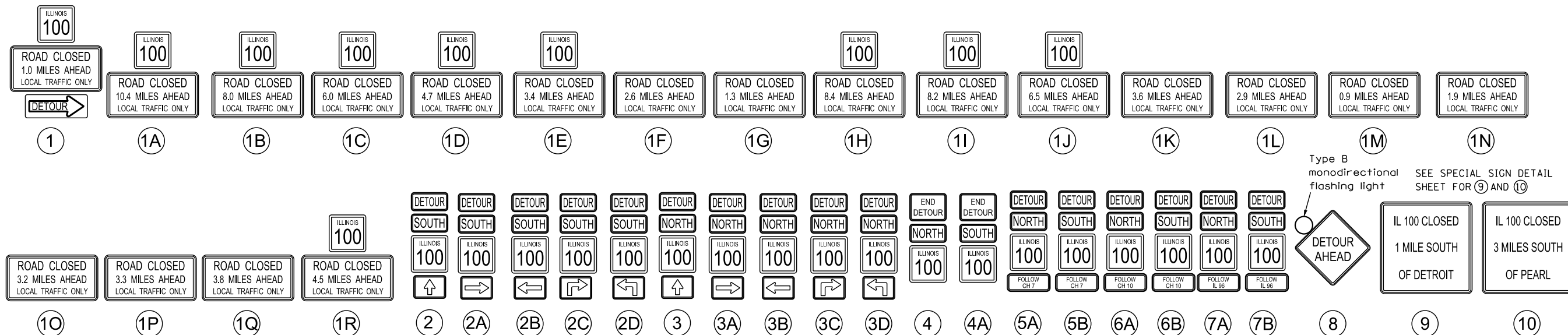


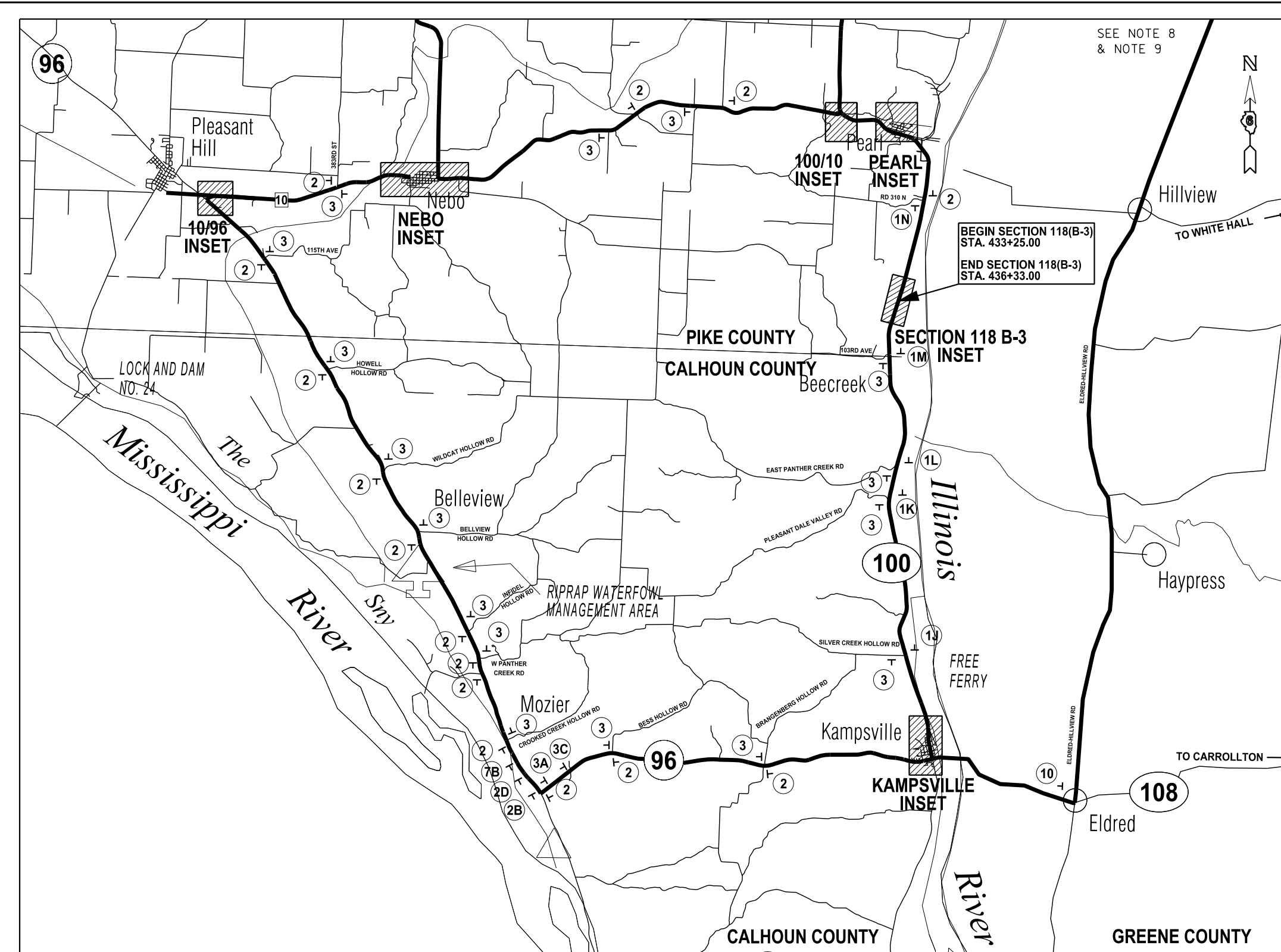
SIGN	LOCATION	M1-I100	M3-1	M3-3	M4-8	M4-10R	M4-8a	M5-1L	M5-1R	M6-1L	M6-1R	M6-2	M6-3	R11-3	W20-2			TYPE III BARICADE	SQ. FT.	WOOD SIGN SUPPORT		COMMENTS
		24" X 24"	24" X 12"	24" X 12"	24" X 12"	48" X 18"	24" X 18"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	60" X 30"	48"X48"	24"X12"			48"X48"	NO. PER SIGN	
VICINITY MAP																						
2	CH 7	4		4	4								4						40.75	1	20	
3	CH 7	4	4		4								4						40.75	1	20	
1B	IL100	1												1					16.50	2	17	8.0 MILES
1D	IL100	1												1					16.50	2	17	4.7 MILES
1G	IL100													1					12.50	2	17	1.3 MILES
3	IL100	4	4		4								4						40.75	1	20	
9	IL 100																1		16.00	2	20	SEE SPECIAL DETAIL
3	CH 10	3	3		3								3						30.56	1	20	
9	IL 106																1		16.00	2	20	SEE SPECIAL DETAIL
9	IL 108																1		16.00	2	20	SEE SPECIAL DETAIL
PITTSFIELD INSET																						
2A	IL106	1		1	1						1								10.19	1	20	
2B	IL106	1		1	1					1									10.19	1	20	
2C	IL106	1		1	1				1										10.19	1	20	
2D	IL106	1		1	1			1											10.19	1	20	
3	IL106	1	1		1								1						10.19	1	20	
5B	IL106	2		2	2											2			20.00	1	20	CH 7
8	US 54/IL 106														1				16.00	1	17	
3	US 54/IL 107	2	2		2								2						20.38	1	20	
5B	US 54/IL 107	1		1	1										1				10.00	1	20	CH 7
8	US 54/IL 107														1				16.00	1	17	
2	CH 7	4		4	4								4						40.75	1	20	
2A	CH 7	1		1	1						1								10.19	1	20	
2B	CH 7	1		1	1					1									10.19	1	20	
2C	CH 7	1		1	1														10.19	1	20	
2D	CH 7	1		1	1			1											10.19	1	20	
3	CH 7	3	3		3								3						30.56	1	20	
3A	CH 7	2	2		2						2								20.38	1	20	
3B	CH 7	1	1		1					1									10.19	1	20	
3C	CH 7	2	2		2														20.38	1	20	
3D	CH 7	1	1		1			1											10.19	1	20	
MILTON INSET																						
1E	IL100	1												1					16.50	2	17	3.4 MILES
1F	IL100													1					12.50	2	17	2.6 MILES
3	IL100	2	2		2								2						20.38	1	20	
3A	CH 8	1	1		1						1								10.19	1	20	
3C	CH 8	1	1		1									1					10.19	1	20	
TOTALS		49	27	19	46			3	5	3	5		27	5	2	3	3		622.56			





SIGN	LOCATION	M1-I100	M3-1	M3-3	M4-8	M4-10R	M4-8a	M5-1L	M5-1R	M6-1L	M6-1R	M6-2	M6-3	R11-3	W20-2			TYPE III BARICADE	SQ. FT.	WOOD SIGN SUPPORT		COMMENTS
		24" X 24"	24" X 12"	24" X 12"	24" X 12"	48" X 18"	24" X 18"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	60" X 30"	48"X48"	24"X12"			48"X48"	NO. PER SIGN	
DETROIT INSET																						
1	IL 100	1				1								1					22.50			1.0 MILE
2A	CH 14	1		1	1						1								10.19	1	20	
2C	CH 14	1		1	1														10.19	1	20	
8	CH 14														1				16.00	1	17	
	IL 106																	2				
2	IL 106	3		3	3								3						30.56	1	20	
4	IL 106	1	1				1												9.00	1	20	
8	IL 106														1				16.00	1	17	
100/10 INSET																						
3	CH 10	2	2		2								2						20.38	1	20	
4A	CH 10	1	1				1												9.00	1	20	
1A	IL 100	1												1					16.50	2	17	10.4 MILES
3B	IL 100	1	1		1					1									10.19	1	20	
3D	IL 100	1	1		1			1											10.19	1	20	
6A	IL 100	1	1		1											1			10.00	1	20	CH 10
8	IL 100														1				16.00	1	17	
NEBO INSET																						
2	CH 10	1		1	1								1						10.19	1	20	
3	CH 10	1	1		1								1						10.19	1	20	
3A	CH 10	1	1		1						1								10.19	1	20	
3B	CH 10	1	1		1					1									10.19	1	20	
3C	CH 10	1	1		1				1										10.19	1	20	
3D	CH 10	1	1		1			1											10.19	1	20	
5A	CH 10	2	2		2											2			20.00	1	20	CH 7
8	CH 10														1				16.00	1	17	
2B	CH 7	1		1	1					1									10.19	1	20	
2D	CH 7	1		1	1			1											10.19	1	20	
3	CH 7	1	1		1							1							10.19	1	20	
6B	CH 7	1		1	1											1			10.00	1	20	CH 10
TOTALS		26	15	9	22	1	2	3	2	3	2		8	2	4	4		2	344.38			





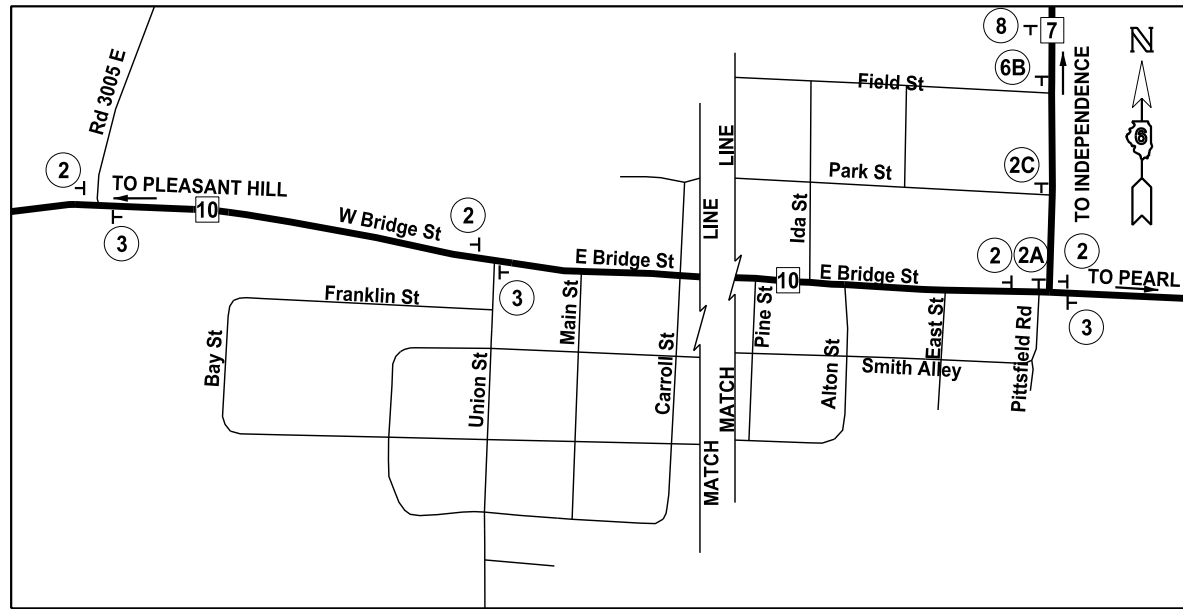
NOTES

1. SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL PLAN.
2. WORK SHALL BE CONSTRUCTED UNDER ONE 30-DAY CLOSURE.
3. ACCESS TO PRIVATE ENTRANCES MUST BE MAINTAINED AT ALL TIMES.
4. CHANGEABLE MESSAGE SIGNS SHALL NOTIFY TRAVELING PUBLIC FOR A PERIOD OF 2 WEEKS PRIOR AND THROUGHOUT IL 100 ROAD CLOSURE.
 - A. IL 100: SOUTH OF IL 96
 - B. IL 108: EAST OF IL 100
 - C. IL 100: NORTH OF CH 10
 - D. IL 96: NORTH OF CH 10
5. USE HIGHWAY STANDARD BLR 21 AND BLR 22 ON IL 100
6. LOCATION OF DETOUR SIGNS ARE SUBJECT TO APPROVAL OF ENGINEER.
7. FURNISHING, PLACING AND REMOVING ALL DETOUR SIGNING WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR DETOUR SIGNING. CHANGEABLE MESSAGE SIGNS WILL BE MEASURED AND PAID FOR SEPARATELY.
8. PLACE ADDITIONAL ADVISORY SIGN (10) ON IL 106 WESTBOUND AT INTERSECTION OF ELDRED - HILLVIEW RD.
9. PLACE ADDITIONAL ADVISORY SIGN (10) ON IL 100 SOUTHBOUND AT INTERSECTION OF IL 106.

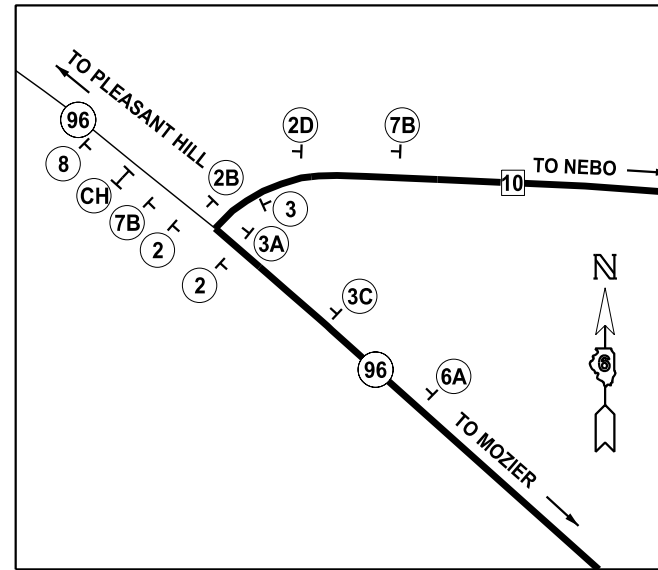
**VICINITY MAP
NTS**

**SN 075-2505
IL 100 ROAD CLOSURE SOUTH OF PEARL**

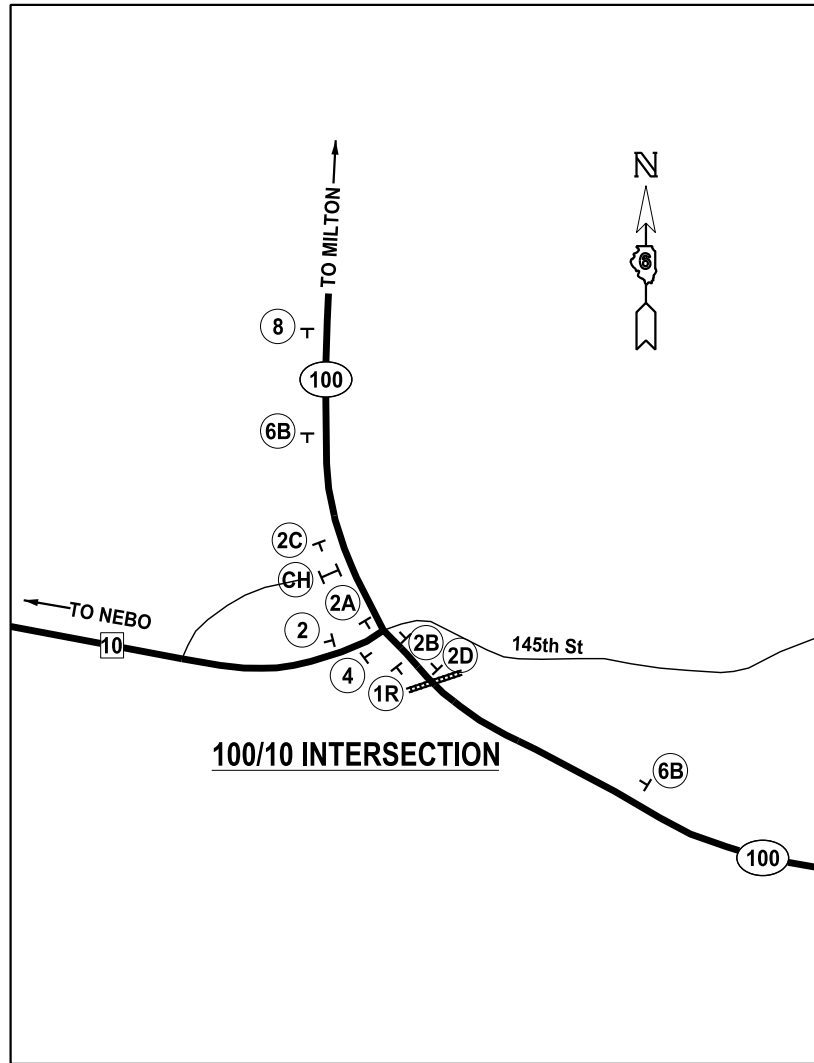
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Default	PLOT SCALE = 40960.0000' / in.	DRAWN -	REVISED -			558	118 (B-1, B-2, B-3)	PIKE	102	34	
	PLOT DATE = 12/15/2014	CHECKED -	REVISED -			CONTRACT NO. 72840					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: NTS	SHEET 1 OF 5 SHEETS		STA.	TO STA.		



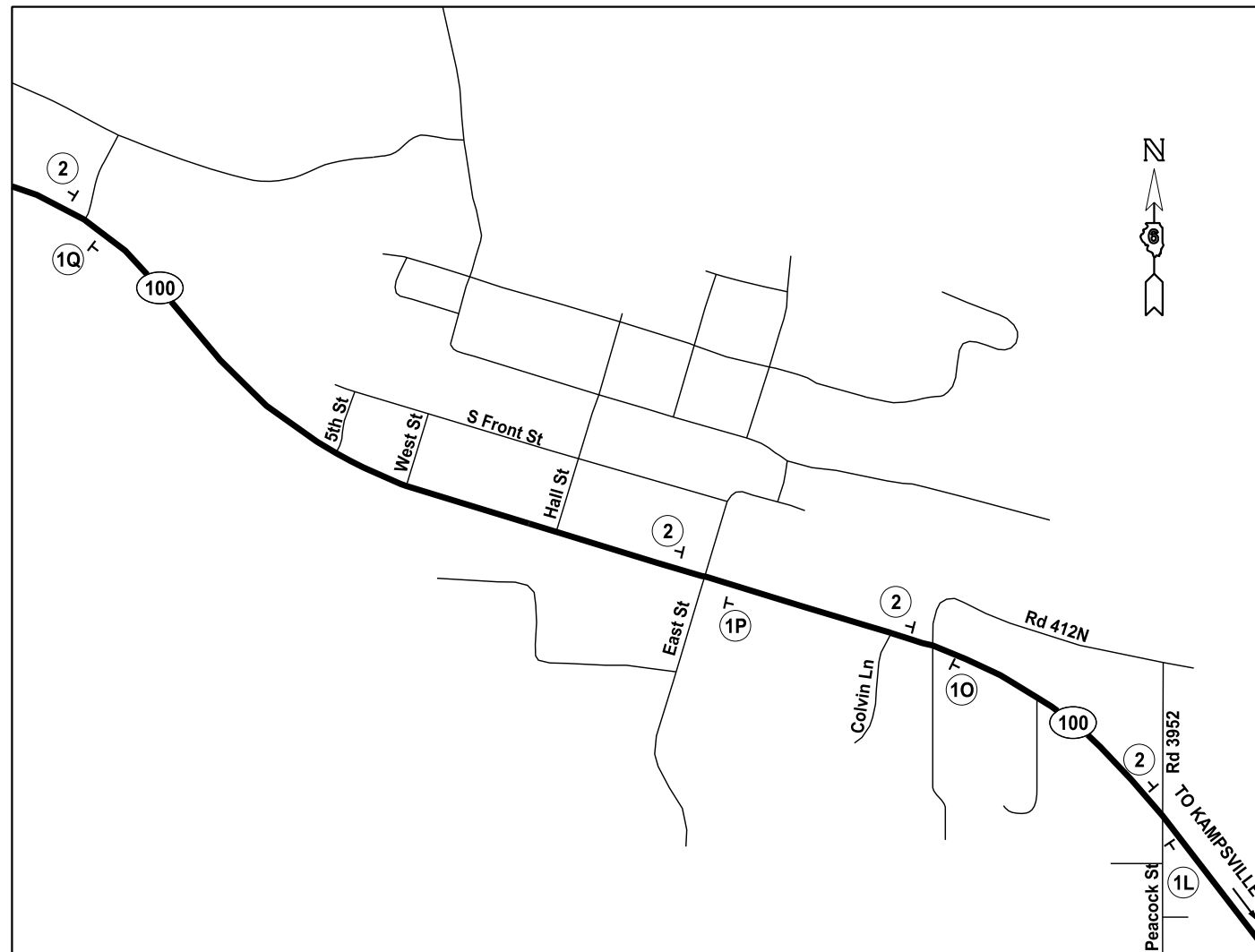
**NEBO INSET
NTS**



**10/96 INSET
NTS**



**100/10
NTS**



**PEARL INSET
NTS**

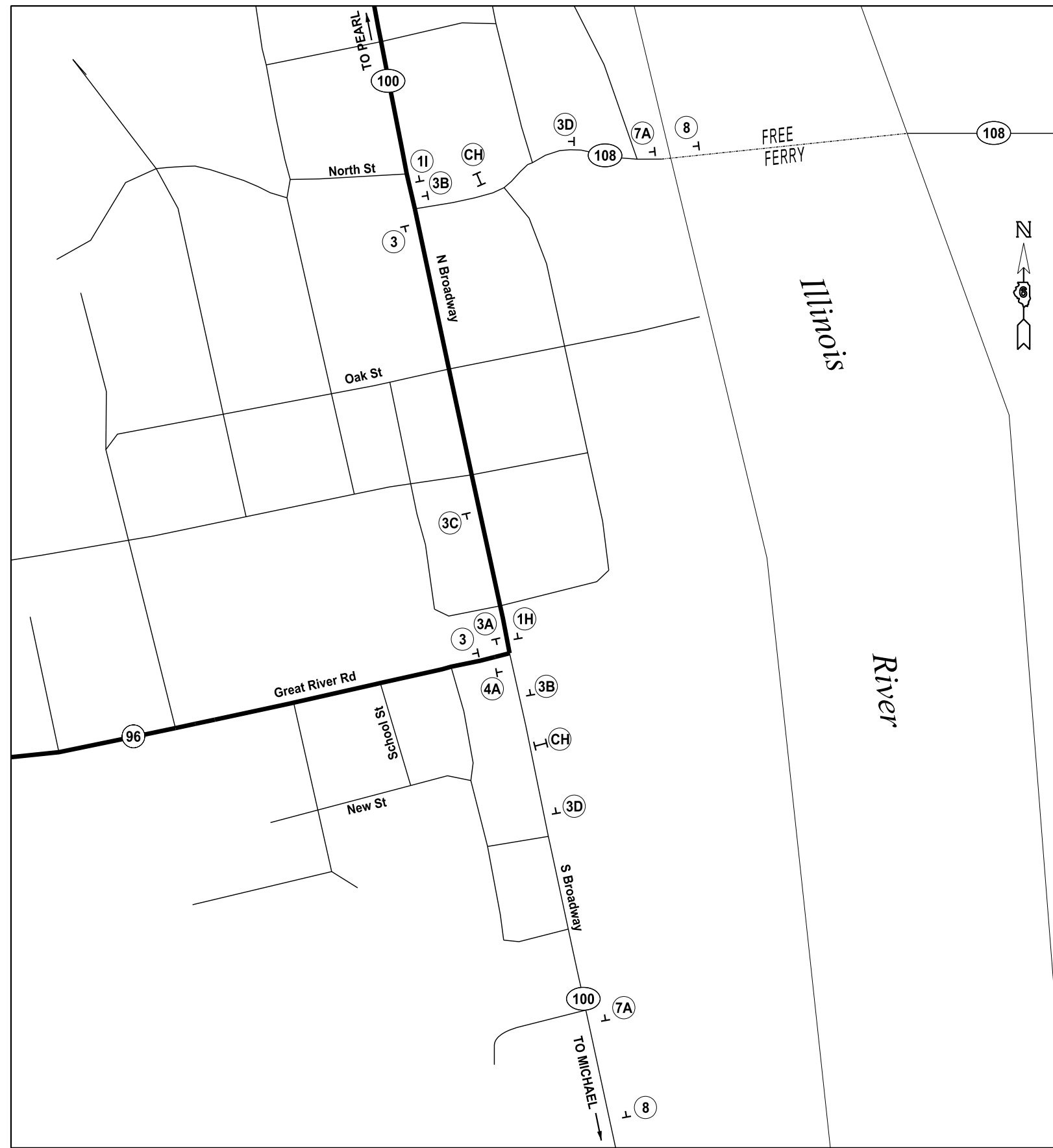
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

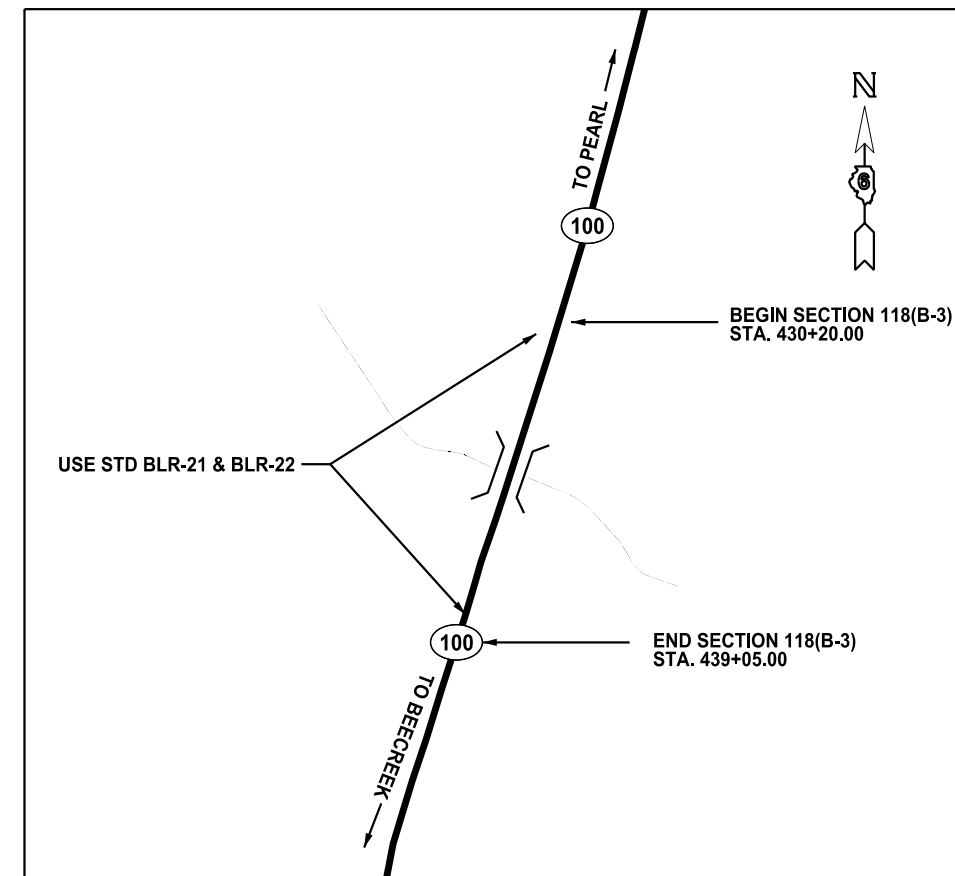
**ROAD CLOSURE AND DETOUR
TRAFFIC CONTROL PLAN SN 075-2505**

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



**KAMPSVILLE INSET
NTS**



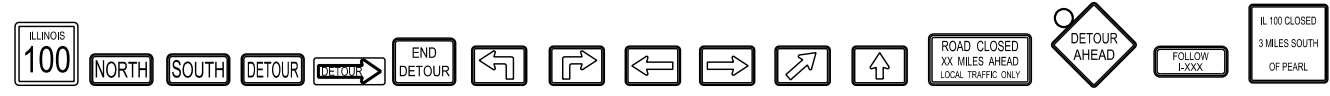
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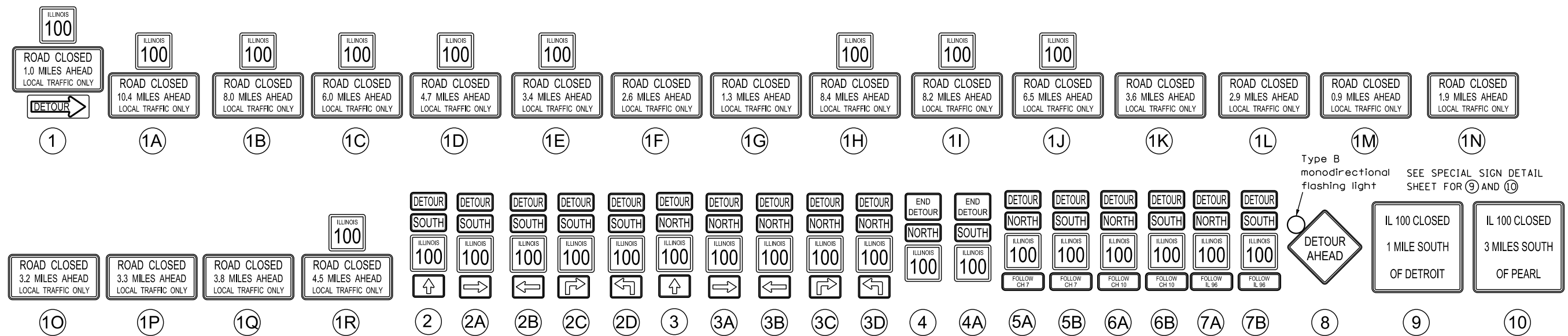
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROAD CLOSURE AND DETOUR TRAFFIC CONTROL PLAN SN 075-2505			
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 72840
ILLINOIS FED. AID PROJECT				

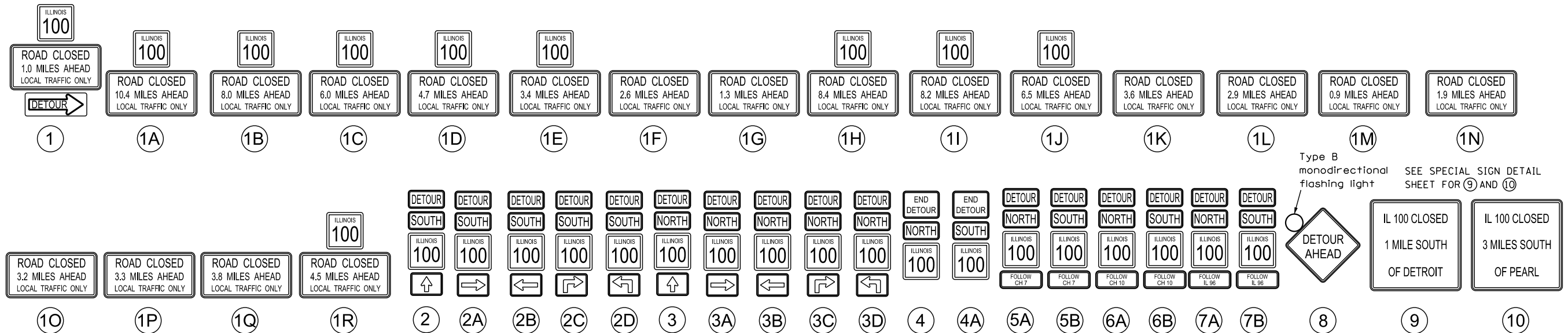


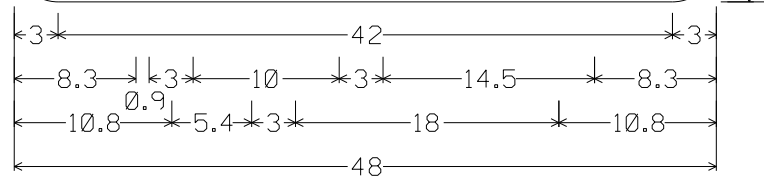
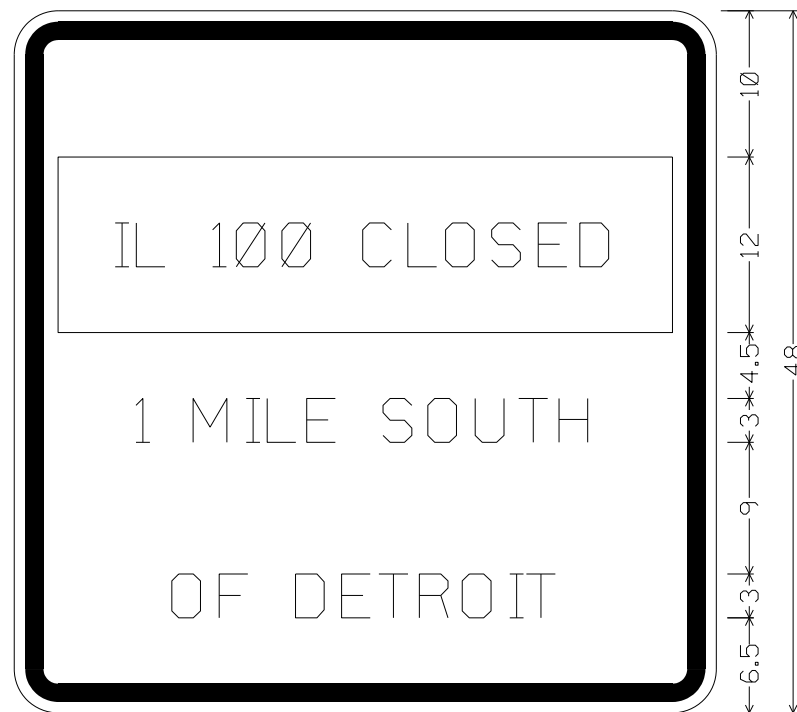
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		24" X 24"	24" X 12"	24" X 12"	24" X 12"	48" X 18"	24" X 18"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	60" X 30"	48"X48"	NO. PER SIGN	POST LENGTH (FT)						
VICINITY MAP																							
2	IL 96	11		11	11								11							112.06	1	20	
2B	IL 96	1								1										6.19	1	20	
2D	IL 96	1		1	1			1												10.19	1	20	
3	IL 96	9	9		9								9							91.69	1	20	
3A	IL 96	1	1		1						1									10.19	1	20	
3C	IL 96	1	1		1				1											10.19	1	20	
7B	IL 96	1		1	1											1				10.00	1	20	
2	CH 10	3		3	3								3							30.56	1	20	
3	CH 10	3	3		3								3							30.56	1	20	
1J	IL 100	1												1						16.50	2	17	6.5 MILES
1K	IL 100													1						12.50	2	17	3.6 MILES
1L	IL 100													1						12.50	2	17	2.9 MILES
1M	IL 100													1						12.50	2	17	0.9 MILES
1N	IL 100													1						12.50	2	17	1.9 MILES
2	IL 100	1		1	1								1							10.19	1	20	
3	IL 100	4	4		4								4							40.75	1	20	
10	IL 100																1			16.00	2	20	SEE SPECIAL DETAIL
10	IL 106																1			16.00	2	20	SEE SPECIAL DETAIL
10	IL 108																1			16.00	2	20	SEE SPECIAL DETAIL
NEBO INSET																							
2	CH 10	4		4	4								4							40.75	1	20	
3	CH 10	3	3		3								3							30.56	1	20	
2A	CH 7	1		1	1						1									10.19	1	20	
2C	CH 7	1		1	1				1											10.19	1	20	
6B	CH 7	1		1	1											1				10.00	1	20	CH 10
8	CH 7														1					16.00	1	17	
10/96 INSET																							
2	IL 96	2		2	2								2							20.38	1	20	
3A	IL 96	1	1		1															10.19	1	20	
3C	IL 96	1	1		1				1											10.19	1	20	
6A	IL 96	1	1		1											1				10.00	1	20	CH 10
7B	IL 96	1		1	1											1				10.00	1	20	IL 96
8	IL 96														1					16.00	1	17	
2B	CH 10	1		1	1					1										10.19	1	20	
2D	CH 10	1		1	1				1											10.19	1	20	
3	CH 10	1	1		1								1							10.19	1	20	
7B	CH 10	1		1	1											1				10.00	1	20	IL 96
TOTALS		57	25	30	55			2	3	2	3		41	5	2	5	3			712.06			





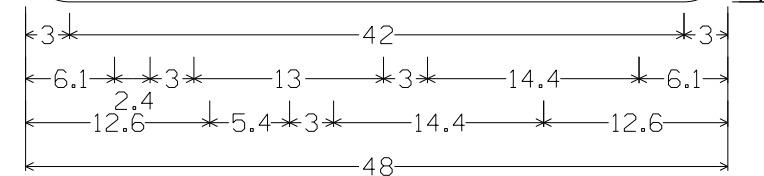
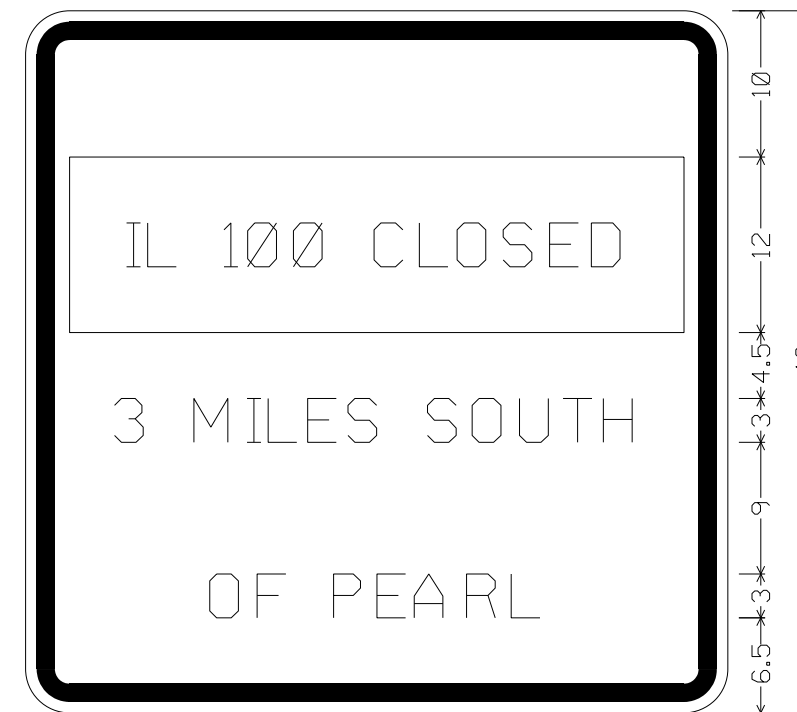
SIGN	LOCATION	M1-100	M3-1	M3-3	M4-8	M4-10R	M4-8a	M5-1L	M5-1R	M6-1L	M6-1R	M6-2	M6-3	R11-3	W20-2			TYPE III BARICADE	SQ. FT.	WOOD SIGN SUPPORT		COMMENTS																				
		24" X 24"	24" X 12"	24" X 12"	24" X 12"	48" X 18"	24" X 18"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	21" X 15"	60" X 30"	48"X48"	24"X12"			48"X48"	NO. PER SIGN		POST LENGTH (FT)																			
100/10 INSET																																										
2	CH 10	1		1	1								1						10.19	1	20																					
4	CH 10	1	1																9.00	1	20																					
1R	IL 100	1												1					16.50	2	17	4.5 MILES																				
2A	IL 100	1		1	1														10.19	1	20																					
2B	IL 100	1		1	1								1						10.19	1	20																					
2C	IL 100	1		1	1														10.19	1	20																					
2D	IL 100	1		1	1			1	1										10.19	1	20																					
6B	IL 100	2		2	2														20.00	1	20	CH 10																				
8	IL 100														1				16.00	1	17																					
PEARL INSET																																										
1L	IL 100													1					12.50	2	17	2.9 MILES																				
1O	IL 100													1					12.50	2	17	3.2 MILES																				
1P	IL 100													1					12.50	2	17	3.3 MILES																				
1Q	IL 100													1					12.50	2	17	3.8 MILES																				
2	IL 100	4		4	4								4						40.75	1	20																					
KAMPSVILLE INSET																																										
3	IL 96	1	1		1								1						10.19	1	20																					
4A	IL 96	1		1			1												9.00	1	20																					
1I	IL 100	1												1					16.50	2	17	8.2 MILES																				
1H	IL 100	1												1					16.50	2	17	8.4 MILES																				
3	IL 100	1	1		1								1						10.19	1	20																					
3A	IL 100	1	1		1										1				10.19	1	20																					
3B	IL 100	1	1		1								1						10.19	1	20																					
3C	IL 100	1	1		1									1					10.19	1	20																					
3D	IL 100	1	1		1			1											10.19	1	20																					
7A	IL 100	1	1		1														10.00	1	20	IL 96																				
8	IL 100														1				16.00	1	17																					
3B	IL 108	1	1		1								1						10.19	1	20																					
3D	IL 108	1	1		1			1											10.19	1	20																					
7A	IL 108	1	1		1														10.00	1	20	IL 96																				
8	IL 108														1				16.00	1	17																					
TOTALS		26	11	12	21		2	3	2	3	2		7	7	3	4			378.69																							





3.0" Radius, 1.3" Border, 0.8" Indent, Black on White;
 Rectangle Orange;
 [1 MILE SOUTH] E Mod 2K; [OF DETROIT] E Mod 2K;
 Table of letter and object lefts.

█	I	L	1	0	0	C	L	O	S	E	D
3.0	6.9	8.3	13.6	15.2	18.3	23.8	26.9	29.5	32.6	35.8	38.7
1	M	I	L	E	S	O	U	T	H		
8.3	12.2	15.9	17.3	20.0	25.2	28.3	31.5	34.5	37.2		
O	F	D	E	T	R	O	I	T			
10.8	14.0	19.2	22.4	24.9	27.7	30.6	33.9	35.0			



3.0" Radius, 1.3" Border, 0.8" Indent, Black on White;
 Rectangle Orange;
 [3 MILES SOUTH] E Mod 2K; [OF PEARL] E Mod 2K;
 Table of letter and object lefts.

█	I	L	1	0	0	C	L	O	S	E	D
3.0	6.9	8.3	13.6	15.2	18.3	23.8	26.9	29.5	32.6	35.8	38.7
3	M	I	L	E	S	S	O	U	T	H	
6.1	11.5	15.1	16.6	19.3	22.0	27.5	30.5	33.8	36.7	39.5	
O	F	P	E	A	R	L					
12.6	15.8	21.0	24.0	26.6	30.1	33.2					

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 558 Marked: IL 100
 Section: 118 (B-1, B-2) Project No.:
 County: PIKE Contract No.: 72840
 Starting Station: 53+80.00 (Longitude: 39° 36' 19.4" N Latitude: 90° 40' 34.0" W)
 Ending Station: 89+93.00 (Longitude: 39° 36' 7.5" N Latitude: 90° 40' 34.0" W)

OMISSIONS: Sta. 57+23.00 to Sta. 86+94.00
 Route: FAP 558 Marked: IL 100
 Section: 118 (B-3) Project No.:
 County: PIKE Contract No.: 72840
 Starting Station: 433+25.00 (Longitude: 39° 24' 50.5" N Latitude: 90° 37' 33.6" W)
 Ending Station: 436+33.00 (Longitude: 39° 24' 53.2" N Latitude: 90° 37' 32.6" W)

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Yamua C. Depla
 (Signature) 15 DEC 2014
 (Date)

PROFESSIONAL ENGINEER
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

- The proposed project consists of replacing two bridges on IL 100 just south of Detroit with two precast box culverts and replacing one box culvert on IL 100 south of Peori with a precast box culvert. The project will be constructed on the existing alignment, and will include reconstruction / resurfacing of approximately 0.2 mi of IL 100.
- Construction consists of grading, constructing culverts, HMA pavement, widening, HMA resurfacing, placing aggregate shoulders and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

- Tree removal will be completed to clear approximately 2 acres of wooded land on Section 118 (B-1, B-2).
- Excavation will be completed along the entire length to grade out for proposed roadway ditches and waterways.
- Excavation will also be completed in proposed cut sections to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
- Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
- Drainage structures will be installed before and/or during the construction of the excavation and embankment to allow proper drainage across the proposed two lane facility.
- Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
- Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
- Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area of Section 118 (B-1, B-2) entering and including the construction site is estimated to be approx. 1.4 sq miles in which 2.1 acres will be disturbed by excavation, grading or other activities. The total drainage area of Section 118 (B-3) entering and including the construction site is estimated to be approx. 2.2 sq miles in which 0.7 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

- Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
- Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
- Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

Section 118 (B-1, B-2):
 Little Blue Creek
 Section 118 (B-3):
 Un-named Stream to Illinois River at a distance of 0.5 miles.

FILE NAME =	USER NAME = notal	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D672840-SHT-040-SWPP-NOTES & DETAILS.dgn		DRAWN - CADD	REVISED - OCT 2010 (JCN)		558	118 (B-1, B-2, B-3)	PIKE	102	40			
		CHECKED - JCN	REVISED - MAY 2012 (JPM)		CONTRACT NO. 72840							
Default		DATE - APRIL 5, 1999	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE: NONE	SHEET 1 OF 4 SHEETS	STA.	TO STA.				

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporarily seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion and Sediment Control".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) Qualified Personnel shall inspect the project at least every seven days and within 24 hours of the end of a storm that is 0.5 inch or greater as noted in BDE 2342.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the various temporary erosion control pay items. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

FILE NAME = D672840-SHT-040-SWPP-NOTES & DETAILS.dgn	USER NAME = netel	DESIGNED - DRAWN - CADD	REVISED - OCT 2010 (JCN)	REVISED - MAY 2012 (JPM)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	PLOT SCALE = 40.000' / in.	CHECKED - JCN	DATE - APRIL 5, 1999	REVISED -					558	118 (B-1, B-2, B-3)	PIKE	102	41	CONTRACT NO. 72840		
	PLOT DATE = 12/15/2014	DATE - APRIL 5, 1999	REVISED -						SCALE: NONE	SHEET 2	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: FAP 558 Marked: IL 100
 Section: 118 (B-1, B-2, B-3) Project No.: _____
 County: PIKE Contract No.: 72840

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

Signature _____ Date _____
 Title _____
 Name of Firm _____ Contractor
 Street Address _____ Subcontractor
 City, State, Zip _____
 Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

FILE NAME =	USER NAME = ntel	DESIGNED -	REVISED - AUG 2007 (JCN)
D672840-SHT-040-SWPP-NOTES & DETAILS.dgn		DRAWN - CADD	REVISED - OCT 2010 (JCN)
Default	PLOT SCALE = 40.000' / in.	CHECKED - JCN	REVISED - MAY 2012 (JPM)
	PLOT DATE = 12/15/2014	DATE - APRIL 5, 1999	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

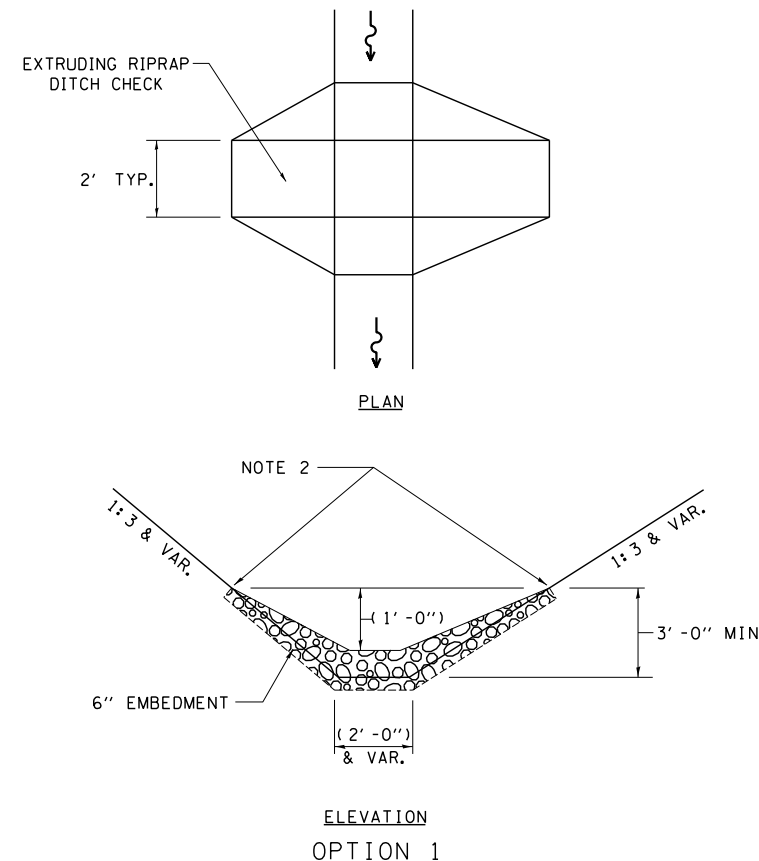
STORM WATER POLLUTION
PREVENTION PLAN

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

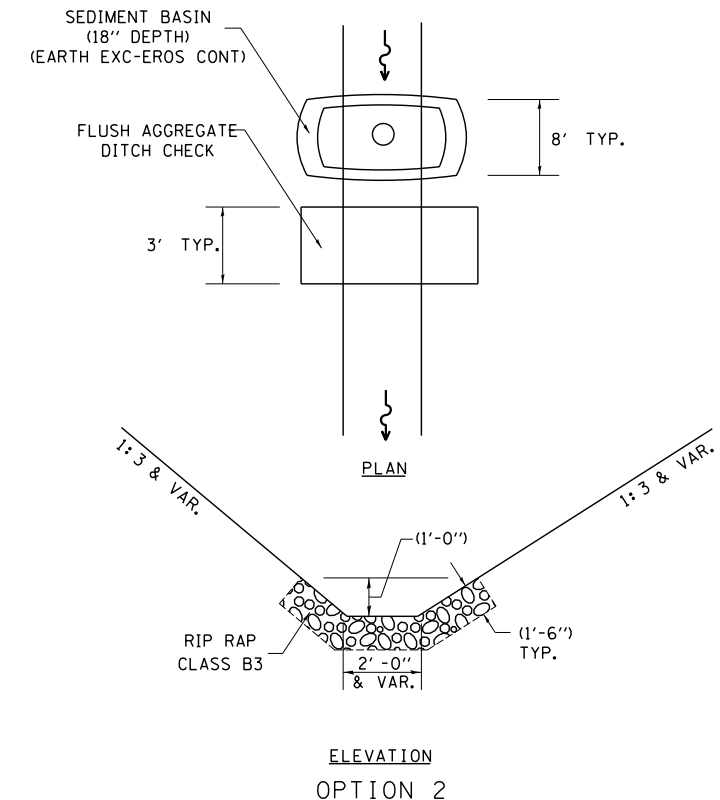
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	42
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	

GENERAL NOTES - EROSION AND SEDIMENT CONTROL

- TEMPORARY EROSION AND SEDIMENT CONTROL SYSTEMS SHALL BE CONSTRUCTED, MAINTAINED, REMOVED, AND DISPOSED OF IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. NO STRAW OR HAY BALES SHALL BE USED IN TEMPORARY EROSION AND SEDIMENT CONTROL SYSTEMS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT.
- DISTURBED AREAS ARE TO BE PROTECTED FOR EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA SHALL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE).
- ALL RUNOFF, EROSION AND SEDIMENT CONTROL MEASURES MUST BE REVIEWED TO ENSURE ROADSIDE HAZARDS ARE NOT CREATED.
- SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SILT FENCES, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN.
- DITCH CHECK SPACING IS BASED ON 2' HIGH DITCH CHECKS. IF AN ALTERNATE SIZE DITCH CHECK IS PROPOSED BY THE CONTRACTOR FOR USE ON THE PROJECT, A CONTRACT DITCH CHECK SPACING WILL NEED TO BE RECALCULATED BY THE CONTRACTOR IN ACCORDANCE WITH THE BUREAU OF DESIGN AND ENVIRONMENT MANUAL. ANY RESULTING QUANTITY CHANGES SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL UTILIZE DITCH CHECKS AS DIRECTED BY ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH AGGREGATE DITCH CHECKS (OPTION 2) IN LIEU OF TEMPORARY DITCH CHECKS OR EXTRUDING AGGREGATE DITCH CHECKS (OPTION 1), THE SPACING SHALL BE DOUBLED AND RESULTING QUANTITIES CHARGES SHALL BE APPROVED BY THE ENGINEER.
- EXTRUDING AGGREGATE DITCH CHECKS (OPTION 1) SHALL BE PAID FOR AS 28001000 AGGREGATE (EROSION CONTROL) PER TON. FLUSH AGGREGATE DITCH CHECKS (OPTION 2) SHALL BE PAID FOR AS 28000200 EARTH EXCAVATION FOR EROSION CONTROL PER CU YD AND 28001000 AGGREGATE (EROSION CONTROL) PER TON. STONE RIP RAP SHALL BE USED IN ACCORDANCE WITH ARTICLE 1081.15(e) OF STANDARD SPECIFICATIONS. (NO BROKEN BRICK OR BROKEN CONCRETE SHALL BE ALLOWED)
- PERIMETER EROSION BARRIER IS SHOWN ON THE PLANS FOR SCHEDULE QUANTITY. ACTUAL LOCATIONS OF PERIMETER EROSION BARRIER WILL BE DETERMINED DURING THE JOBSITE INSPECTION CONDUCTED BY THE CONTRACTOR AND DEPARTMENT PRIOR TO BEGINNING ANY WORK REQUIRING EROSION CONTROL.
- PLACE TEMPORARY EROSION CONTROL SEEDING ON ALL ERODIBLE/EARTH AREAS EVERY 7 DAYS, REGARDLESS OF WEATHER OR WORK CONDITIONS. THE ENGINEER MAY REQUIRE THAT CRITICAL LOCATIONS BE SEEDED IMMEDIATELY AND THE CONTRACTOR SHALL SEED THESE AREAS WITHIN 48 HOURS OF SUCH A DIRECTIVE. SCHEDULE QUANTITY ASSUMES ENTIRE JOB IS SEEDED THREE (3) TIMES DURING THE GROWING SEASON (MARCH 1 - NOVEMBER 30).
- HEAVY DUTY EROSION CONTROL BLANKETS SHALL BE USED ON SLOPES STEEPER THAN 1:3. MAXIMUM SLOPE GRADIENT FOR HEAVY DUTY EROSION CONTROL BLANKET IS 1:2.
- SEE PLANS FOR RIPRAP INFORMATION.
- RIPRAP DITCH LINING AS SHOWN ON THE PLANS SHALL BE INSTALLED UPON ESTABLISHMENT OF PROPOSED DITCH.
- ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H)



ELEVATION
OPTION 1
(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



ELEVATION
OPTION 2
(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

AGGREGATE DITCH CHECK
(OPTIONS 1 & 2)
AS DIRECTED BY THE ENGINEER

- NOTES:**
- NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.
- NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

EROSION CONTROL LEGEND

- INLET AND PIPE PROTECTION
- AGGREGATE DITCH CHECK
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASIN)
- DIRECTION OF OVERLAND FLOW
- MULCH METHOD 2

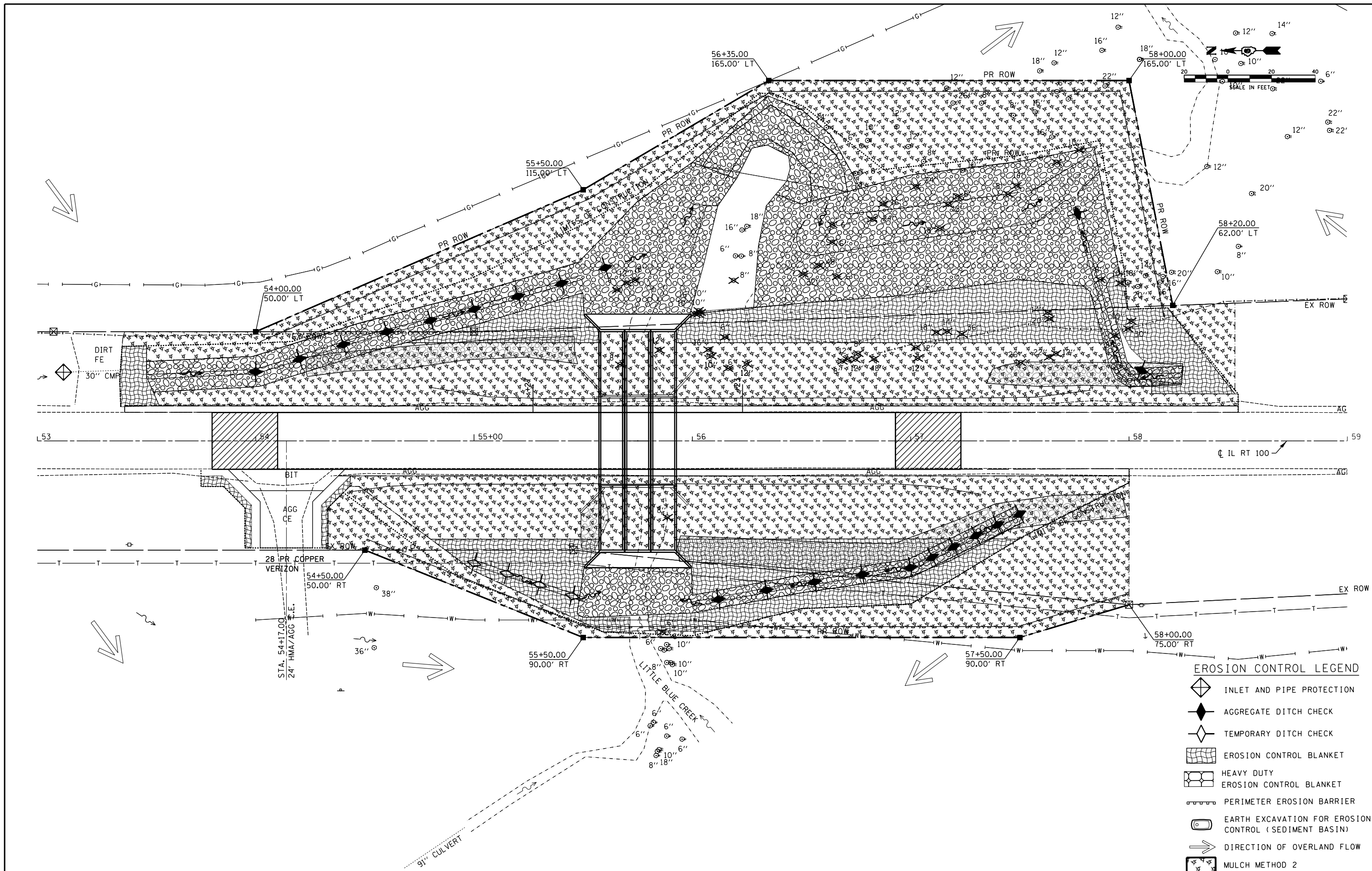
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D672840-SHT-040-SWPP-NOTES & DETAILS.dgn		DRAWN - CADD	REVISED - OCT 2010 (JCN)
	PLOT SCALE = 40.000' / in.	CHECKED - JCN	REVISED - MAY 2012 (JPM)
Default	PLOT DATE = 12/15/2014	DATE - APRIL 5, 1999	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	43
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

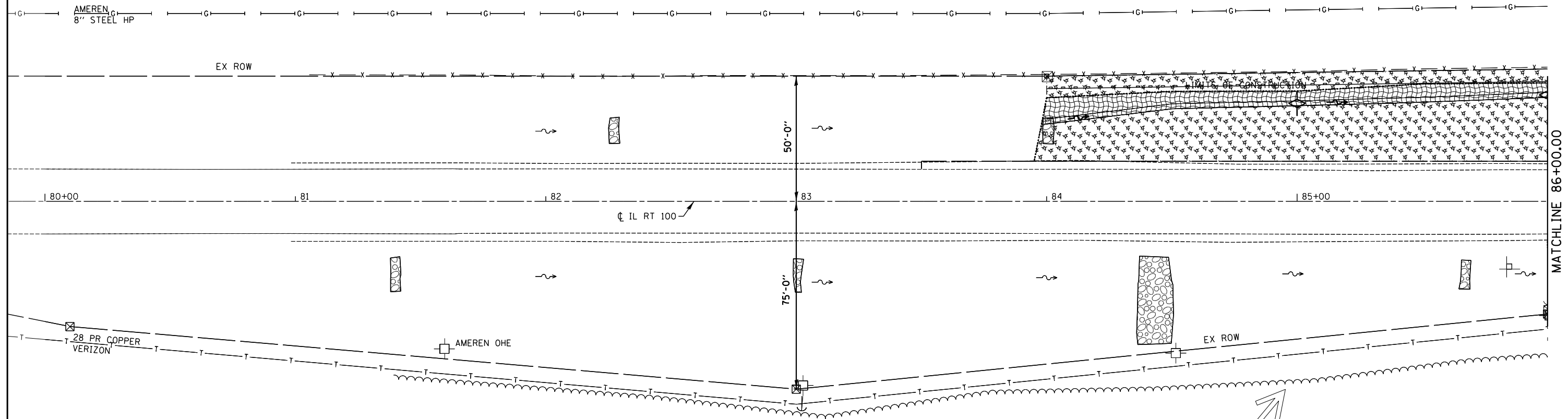
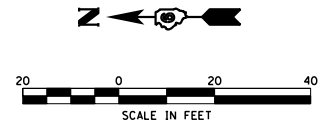
- INLET AND PIPE PROTECTION
- AGGREGATE DITCH CHECK
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASIN)
- DIRECTION OF OVERLAND FLOW
- MULCH METHOD 2

FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-044-EROSION CONTROL PLAN-S	2503.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN			
SN 075-2503			
SCALE: 1:20	SHEET 1 OF 5 SHEETS	STA. 53+00.00 TO STA. 59+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	44
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

- INLET AND PIPE PROTECTION
- AGGREGATE DITCH CHECK
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASIN)
- DIRECTION OF OVERLAND FLOW
- MULCH METHOD 2

FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
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	PLOT DATE = 12/15/2014	DATE -	REVISED -

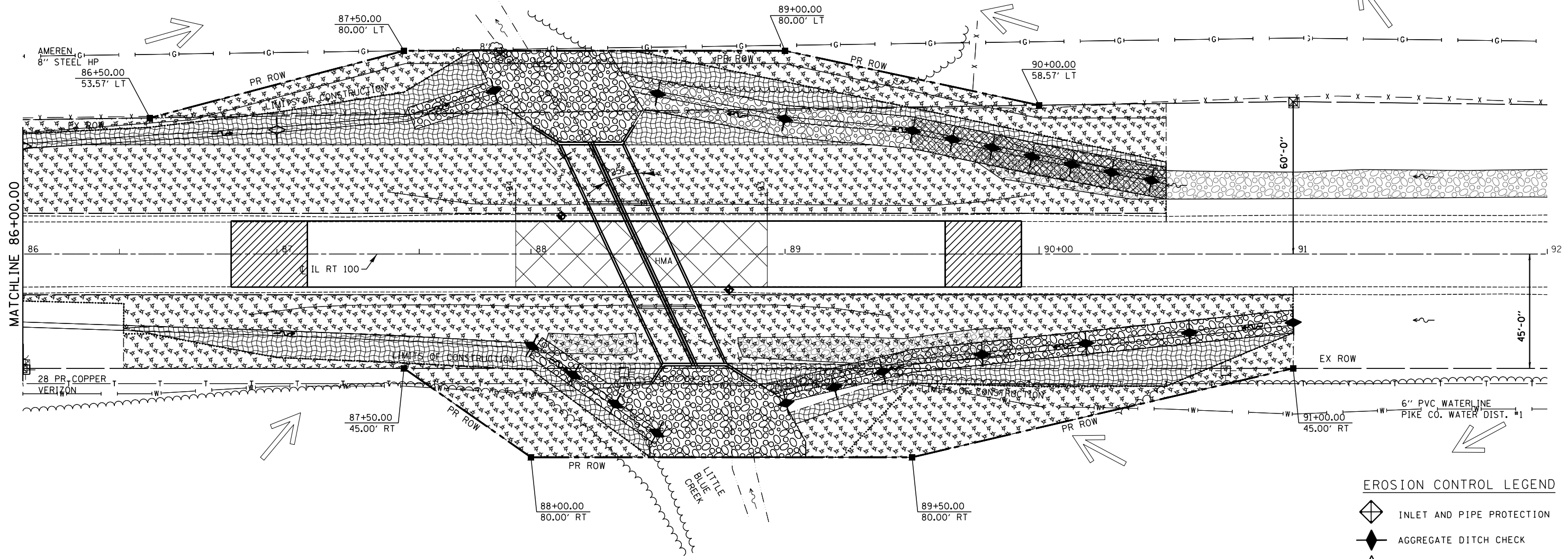
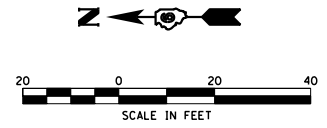
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
SN 075-2504**

SCALE: 1:20 SHEET 2 OF 5 SHEETS STA. 80+00.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	45
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT



EROSION CONTROL LEGEND

- INLET AND PIPE PROTECTION
- AGGREGATE DITCH CHECK
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASIN)
- DIRECTION OF OVERLAND FLOW
- MULCH METHOD 2

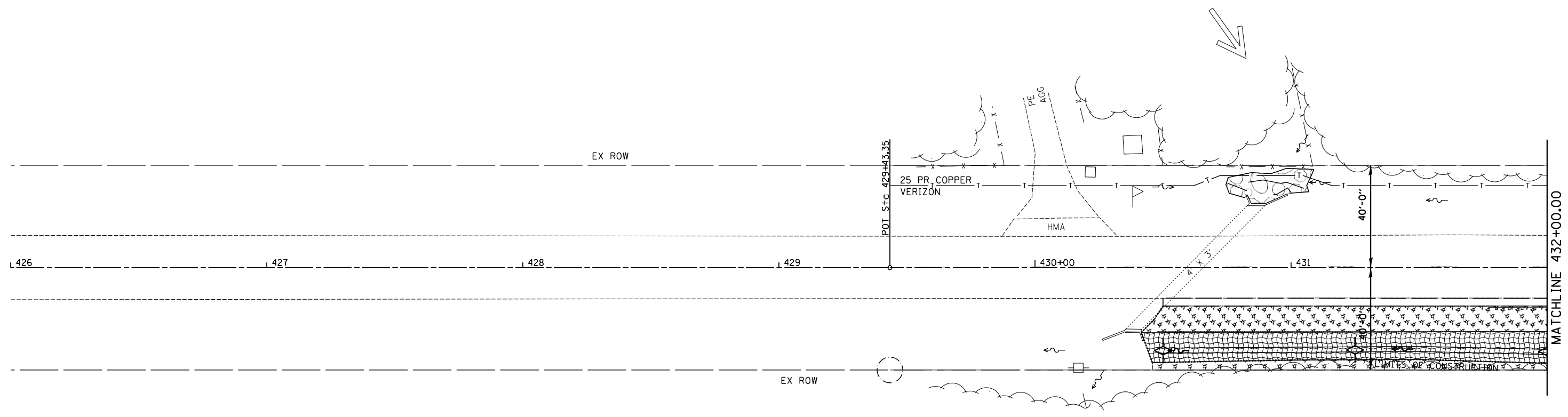
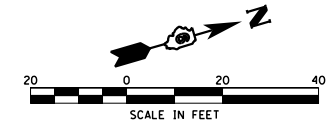
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
SN 075-2504**

SCALE: 1:20 SHEET 3 OF 5 SHEETS STA. 86+00.00 TO STA. 92+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	46
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

- INLET AND PIPE PROTECTION
- AGGREGATE DITCH CHECK
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASIN)
- DIRECTION OF OVERLAND FLOW
- MULCH METHOD 2

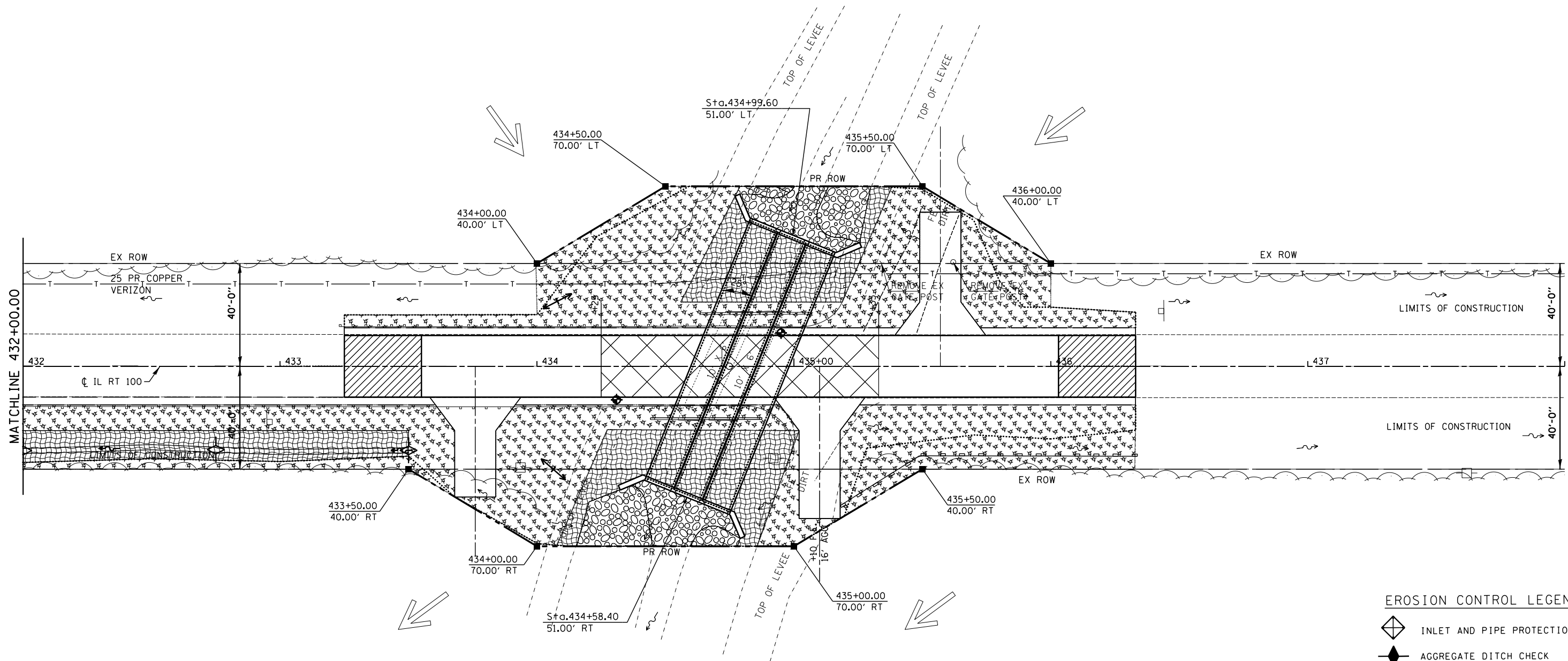
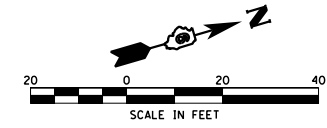
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
SN 075-2505**

SCALE: 1:20 SHEET 4 OF 5 SHEETS STA. 426+00.00 TO STA. 432+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	47
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



- EROSION CONTROL LEGEND**
- INLET AND PIPE PROTECTION
 - AGGREGATE DITCH CHECK
 - TEMPORARY DITCH CHECK
 - EROSION CONTROL BLANKET
 - HEAVY DUTY EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASIN)
 - DIRECTION OF OVERLAND FLOW
 - MULCH METHOD 2

FILE NAME =	USER NAME = notel	DESIGNED -	REVISED -
D672840-SHT-047-EROSION CONTROL PLAN-S	2505.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
SN 075-2505**

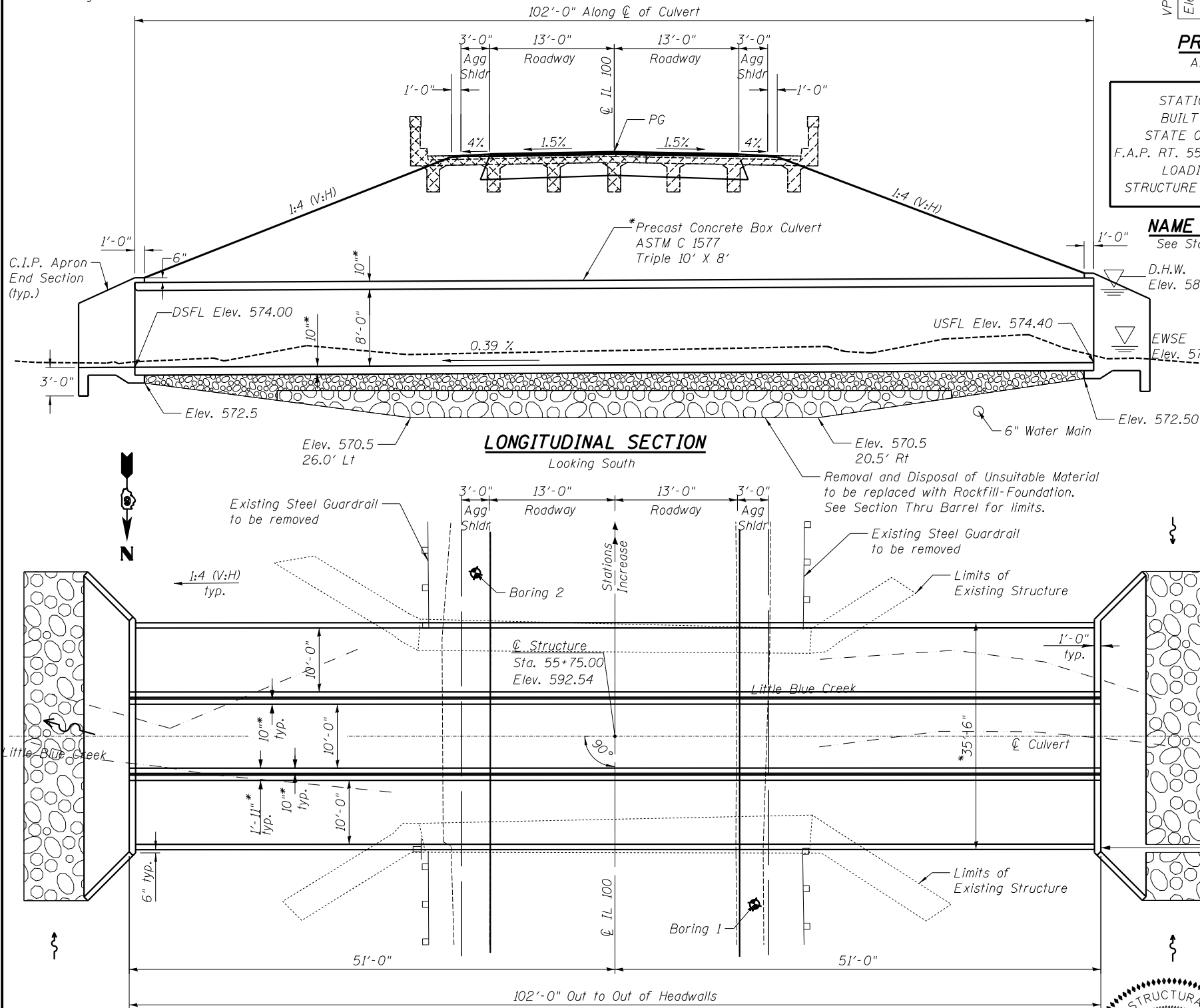
SCALE: 1:20 SHEET 5 OF 5 SHEETS STA. 432+00.00 TO STA. 438+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	48
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

Benchmark No. 103: Chiseled □ in top of S.W. wingwall of bridge SN 075-0014, Sta. 55+91, 22' RT Elev. 591.36 NGVD 29

Existing Structure: 075-0014 Built 1927 under SBI 100, Section 118 B. Existing structure is a single span concrete T beam bridge on timber pile supported closed abutments with concrete briderail. Back to back abutment length 42'-8". Structure to be removed and replaced with a triple barrel 10'x8' precast concrete box culvert. Traffic to be detoured during construction.

No Salvage.



LONGITUDINAL SECTION
Looking South

PLAN

Note:
Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.
Existing foundations shall be completely removed and replaced with rockfill.

PROFILE GRADE
Along IL Rte. 100

STATION 55+75
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 558 SEC. 118 (B-1)
LOADING HL-93
STRUCTURE NO. 075-2503

NAME PLATE
See Std. 515001

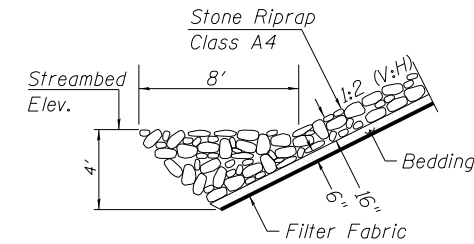
D.H.W.
Elev. 581.6
EWSE
Elev. 578.9

DESIGN SCOUR ELEVATION TABLE

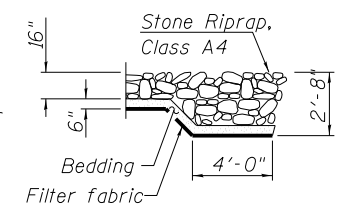
Design Scour Elevation (ft.)	Upstream	Downstream
	571.4	571.0

SECTION THRU BARREL

* Culvert Slab, Wall Thickness, and Shape May Vary as Per Manufacturer

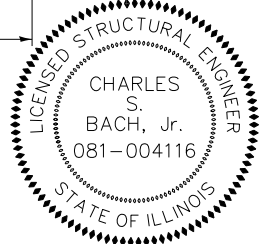


TOE STONE RIPRAP TREATMENT



FLANK STONE RIPRAP TREATMENT

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS CULVERT DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH THE REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES."



STRUCTURAL ENGINEER PSBA EXPIRES: 11/30/2016

WATERWAY INFORMATION

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.		Head - Ft.		Headwater El.	
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.
Design	10	710	110	170	580.1	0.3	0.3	580.4	580.4	
Base	50	1190	155	215	581.6	0.7	0.6	582.2	582.1	
OVT (E)	100	1420	170	230	582.0	1.3	1.1	583.3	583.1	
OVT (P)	> 500	-	-	-	-	-	-	-	-	
Max. Calc.	500	1990	195	240	582.9	2.5	2.2	585.4	585.1	

Existing Low Grade Elev. 591.7 ft @ Sta. 54+97.5
Proposed Low Grade Elev. 591.87 @ Sta 54+74
10-Year Outlet Velocity From Existing Structure = 4.0 fps
10-Year Outlet Velocity From Proposed Structure = 4.1 fps

HIGHWAY CLASSIFICATION

FAP Rte. 558 - IL Rte. 100
Functional Class: Minor Arterial
ADT: 1100 (2011); 1383 (2034)
ADTT: 10%
Design Speed: 60 m.p.h.
Posted Speed: 55 m.p.h.
Directional Distribution: 50:50

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

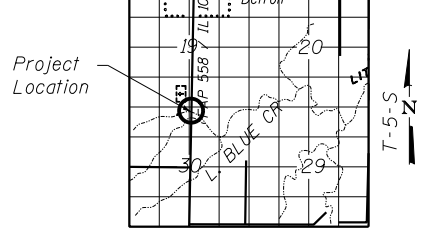
DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
6th Edition, with 2013 Interims

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50W)
PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)
fy = 60,000 psi (Reinforcement)

LOCATION SKETCH



GENERAL PLAN & ELEVATION
IL RTE 100 OVER LITTLE BLUE CREEK
FAP RTE 558 SECTION 118 (B-1)
PIKE COUNTY
STATION 55+75.00
EXISTING STRUCTURE NO. 075-0014
PROPOSED STRUCTURE NO. 075-2503

FILE NAME: 049-SN0752503.CIP_end_section.dgn
PSBA PROJECT NO. 04065

Plans prepared by:

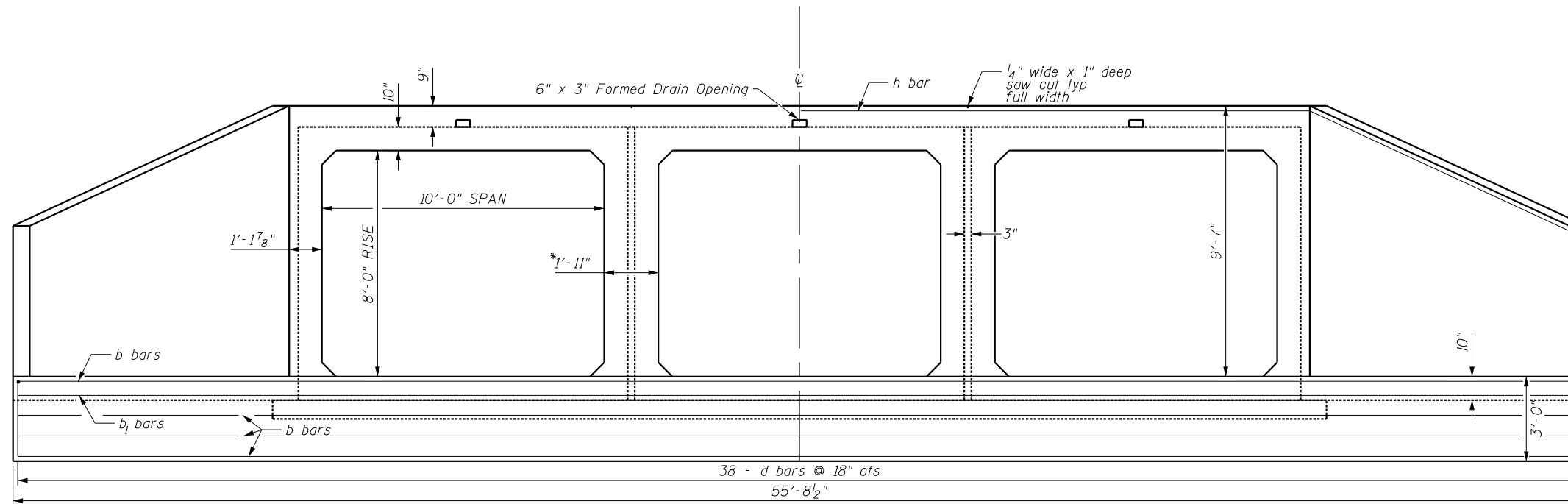
PSBA
POEPPING, STONE, BACH & ASSOCIATES
100 SOUTH 54TH ST - P.O. BOX 709
QUINCY, IL 62308 - 217/223-4805

USER NAME = note1	DESIGNED - TCD	REVISIONS
CHECKED - CSB <td>REVISIONS</td> <td></td>	REVISIONS	
PLOT SCALE = 50.0000' / 1"	DRAWN - PSBA	REVISIONS
PLOT DATE = 12/15/2014	CHECKED - 11/21/14	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

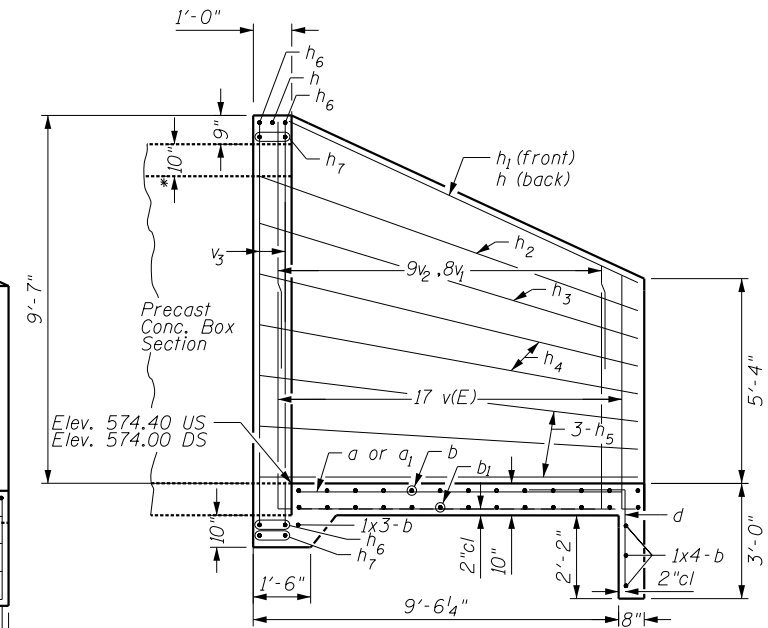
SN 075-2503 CULVERT DETAILS
CAST-IN-PLACE END SECTIONS STA 55+75
SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	49
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

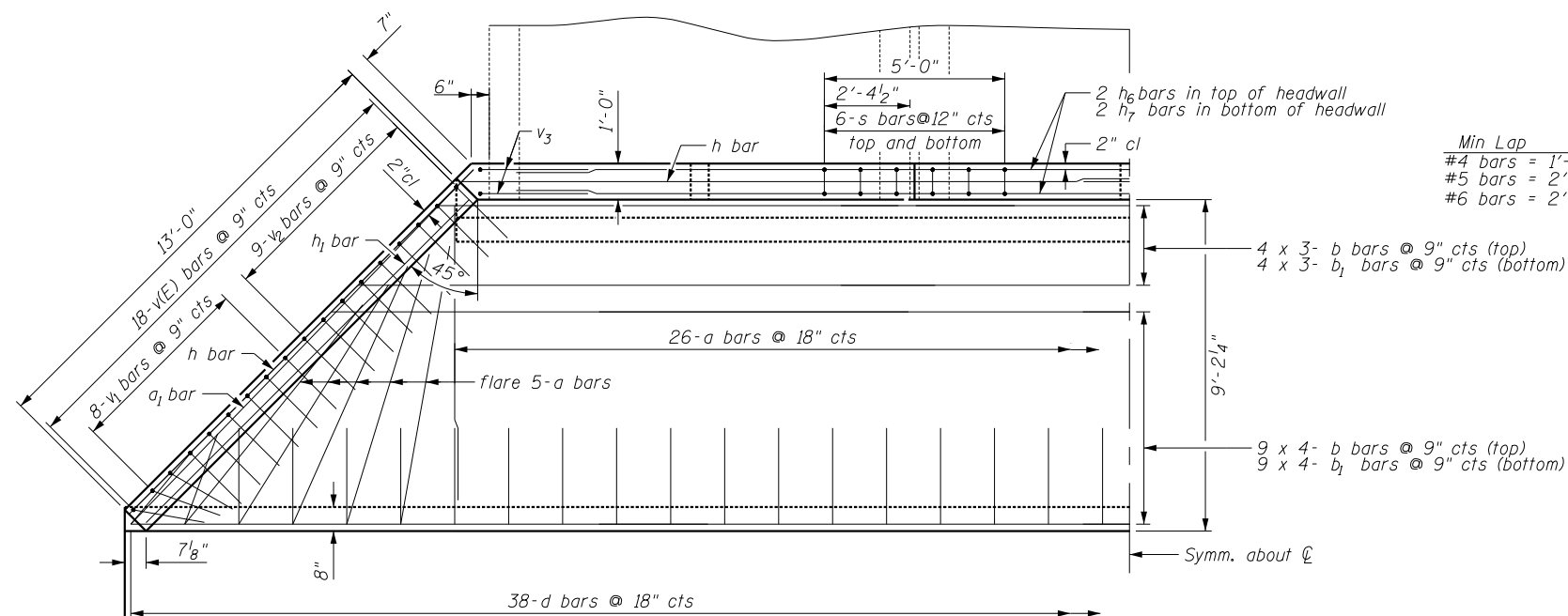


END ELEVATION

*Dimensions are based on assumed 10" thick walls and slabs precast box dimension.
Dimensions may vary as per manufacturer. Contact Structure Engineer if different than assumed



HALF SIDE ELEVATION



HALF PLAN

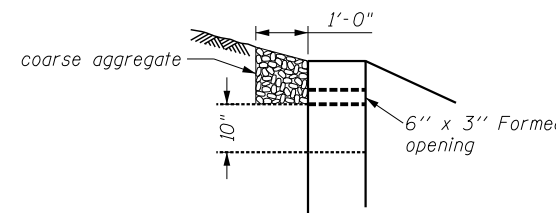
GENERAL NOTES

- Exposed edges shall be beveled 3/4".
- Reinforcement bars shall conform to the requirements of ASTM A 706, Grade 60.
- Reinforcement bars designated as (E) shall be epoxy coated.
- Bars indicated thus 12x4- #5 ect. indicates 12 lines of bars with 4 lengths per line.
- All excavation required for construction of culvert in accordance with Standard Specifications shall be included in the cost Concrete Box Culverts
- See special detail sheet for Granular Culvert Backfill limits
- All construction joints shall be bonded. Areas of precast box culvert in contact with cast-in-place concrete shall be sand blasted, cleaned and wetted prior to placing concrete in field according to Article 503.09(b)
- Saw cuts shall be included in the cost of Concrete Box Culverts

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	72	4	7'-10"	—
a1	4	4	13'-7"	—
b	126	6	16'-0"	—
b1	96	5	16'-0"	—
d	38	4	5'-4"	└
h	4	6	33'-4"	└
h1	4	6	13'-4"	—
h2	4	4	13'-10"	—
h3	4	4	13'-8"	—
h4	8	4	13'-6"	—
h5	12	4	13'-4"	—
h6	8	6	30'-0"	—
h7	8	6	36'-0"	—
s	48	4	2'-11"	□
v(E)	72	5	7'-10"	└
v1	32	5	4'-2"	—
v2	36	5	6'-4"	—
v3	8	6	22'-8"	└
Removal and Disposal of Unsuitable Material			Cu. Yds.	507
Reinf. Bars			Lbs.	7260
Reinf. Bars Epoxy Coated			Lbs.	590
Name Plate			Ea	1
Concrete Box Culverts			Cu. Yds.	52.6
Granular Culvert Backfill			Cu. Yds.	641
Rock Fill Foundation			Ton	963

Table for two (2) headwalls.
See Roadway Plans for Stone Dumped Riprap quantities.



DRAIN DETAIL

Coarse aggregate for 6" x 3" formed openings full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.



FILE NAME = 049-SN0752503.CIP_end_section.dgn
PSBA PROJECT NO 84865

PSBA
POEPPING, STONE, BACH & ASSOCIATES
100 SOUTH 54TH ST - P.O. BOX 709
QUINCY, IL 62306 - 217/223-4805

USER NAME = netel	DESIGNED - TCD	REVISED -
PLOT SCALE = 5/8,0000 '1' / in.	DRAWN - PSBA	REVISED -
PLOT DATE = 12/15/2014	CHECKED - CSB	REVISED -
	DATE - 11/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 075-2503 CULVERT DETAILS
CAST-IN-PLACE END SECTION; STA 55 + 75

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	50
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG

Page 1 of 2
DATE: 5/23/13

ROUTE: FAP 558 (IL 100) DESCRIPTION: FAP 558 (IL 100) over Little Blue Creek LOGGED BY: M. Tappen

SECTION: 118 (B-1, B-2, B-3) LOCATION: NE 1/4, SEC. 30, TWP. 5S, RNG. 2W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

EX. SN 075-0014				Surface Water Elev.: 576.8 ft	D	B	U	M	EX. SN 075-0014				Surface Water Elev.: 576.8 ft	D	B	U	M				
PR. SN 075-2503				Stream Bed Elev.: 575.7 ft	E	L	S	O	PR. SN 075-2503				Stream Bed Elev.: 575.7 ft	E	L	S	O				
Station: 55+75				Groundwater Elev.:	P	O	C	I	Station: 55+75				Groundwater Elev.:	P	O	C	I				
BORING NO.: 1 NW WW				▼ First Encounter: 576.0 ft	T	W	S	BORING NO.: 1 NW WW				▼ First Encounter: 576.0 ft	T	W	S						
Station: 55+47				▼ Upon Completion: 568.0 ft	H	S	Qu	T	Station: 55+47				▼ Upon Completion: 568.0 ft	H	S	Qu	T				
Offset: 14.0 ft RT				▼ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)	Offset: 14.0 ft RT				▼ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)				
Surface Elev.: 592.0 ft									Surface Elev.: 592.0 ft												

Grayish Brown Moist SILT LOAM (FIII)		Olive Brown and Gray Moist SILTY CLAY LOAM with CLAY LOAM Seams (continued)	
	1		2
	2	1.4	1.0
	4	S-12	B
			26
	1		0
Very Moist	2		.80
	2	1.0	B
	2	B	26
			0
	1	.70	.50
	2	B	B
			26
	1		0
Grayish Brown to Gray Very Moist SILT LOAM (FIII)	1		.60
	2	B	B
			25
581.50	-10		1
			B
			25
	0		0
Gray Very Moist SILTY CLAY LOAM	1		.50
	2	B	B
			23
			WOH
	1		0
Moist	2	1.0	.50
	3	B	B
			26
			-35
			1
			B
			26
			0
			1
			.70
			B
			29
			-40
			2
			B
			29

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SUSLOW\10\11\PIKE\075-2503_IL_100_OVER_L_BLUE_CREEK\DATA_Temp\DRILLING_051614\1.DAT Date Printed: 10/22/13
Latitude: 39.362986 Longitude: 90.404559 Station: 140#33 Job Number: D-96-357-03

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG

Page 2 of 2
DATE: 5/23/13

ROUTE: FAP 558 (IL 100) DESCRIPTION: FAP 558 (IL 100) over Little Blue Creek LOGGED BY: M. Tappen

SECTION: 118 (B-1, B-2, B-3) LOCATION: NE 1/4, SEC. 30, TWP. 5S, RNG. 2W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

EX. SN 075-0014				Surface Water Elev.: 576.8 ft	D	B	U	M	EX. SN 075-0014				Surface Water Elev.: 576.8 ft	D	B	U	M				
PR. SN 075-2503				Stream Bed Elev.: 575.7 ft	E	L	S	O	PR. SN 075-2503				Stream Bed Elev.: 575.7 ft	E	L	S	O				
Station: 55+75				Groundwater Elev.:	P	O	C	I	Station: 55+75				Groundwater Elev.:	P	O	C	I				
BORING NO.: 1 NW WW				▼ First Encounter: 576.0 ft	T	W	S	BORING NO.: 1 NW WW				▼ First Encounter: 576.0 ft	T	W	S						
Station: 55+47				▼ Upon Completion: 568.0 ft	H	S	Qu	T	Station: 55+47				▼ Upon Completion: 568.0 ft	H	S	Qu	T				
Offset: 14.0 ft RT				▼ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)	Offset: 14.0 ft RT				▼ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)				
Surface Elev.: 592.0 ft									Surface Elev.: 592.0 ft												

Gray Very Moist SILTY CLAY (continued)		Gray Very Moist SILTY CLAY LOAM (continued)	
			WOH
549.50		529.00	
Gray Very Moist SILTY CLAY LOAM		Gray Medium to Coarse SANDY GRAVEL with Angular Limestone Gravel (Drilled Crunchy at 63 ft) Washed	
	0		0
	0	.70	5
	2	B	26
			-65
			10
	0		31
	2	1.0	22
	3	B	29
			-70
			13
			9
			521.50
			100
			2"
			520.00
			Auger Refusal at 71 ft Adjusted Sample Interval at 71 ft Boring Completed
	0		
	0	.60	28
Gray Very Moist SILTY CLAY LOAM	1	B	
			-75
	0		
	0	.60	34
	0	B	
			-80

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SUSLOW\10\11\PIKE\075-2503_IL_100_OVER_L_BLUE_CREEK\DATA_Temp\DRILLING_051614\1.DAT Date Printed: 10/22/13
Latitude: 39.362986 Longitude: 90.404559 Station: 140#33 Job Number: D-96-357-03

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG

Page 1 of 1

DATE: 5/24/13

ROUTE: FAP 558 (IL 100) DESCRIPTION: FAP 558 (IL 100) over Little Blue Creek LOGGED BY: M. Tappen

SECTION: 118 (B-1, B-2, B-3) LOCATION: NE 1/4, SEC. 30, TWP. 5S, RNG. 2W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

EX. SN 075-0014
STRUCT. NO.: PR. SN 075-2503
Station: 55+75

BORING NO.: 2 SE WW
Station: 55+99
Offset: 14.0 ft LT

Surface Elev.: 592.7 ft

D	B	U	M	Surface Water Elev.: 576.8 ft	D	B	U	M
E	L	S	O	Stream Bed Elev.: 575.7 ft	E	L	S	O
P	O	C	I	Groundwater Elev.:	P	O	C	I
T	W	S		▽ First Encounter: 574.2 ft	T	W	S	
H	S	Qu	T	▽ Upon Completion: 575.7 ft	H	S	Qu	T
(ft)	/6"	(tsf)	(%)	▽ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)

Gray CA-6 Granular (Fill)				572.20	Olive Brown and Gray Moist SILTY CLAY LOAM			
	1					0		
	2					2	1.2	24
	3					3	B	
589.70								
Grayish Brown Moist SILT LOAM (Fill)					Gray Very Moist SILTY CLAY LOAM			
	1					1		
	2	.90	24			2	.70	24
	-5	2	S-12			-25	2	B
	0				Gray Very Moist SILTY CLAY			
	2	1.1	26			2	.80	25
	2	S-13				3	B	
	0				Gray Very Moist SILTY CLAY LOAM			
	2	.70	24			1	.80	23
	-10	3	B			-30	2	B
582.20								
Grayish Brown Very Moist SILTY CLAY LOAM (Fill)								
	0					1		
	2	.50	29			2	.90	23
	2	B				2	B	
	0					1		
	1	.60	29			1	.70	21
	-15	2	B			-35	2	B
576.70								
Light Olive Gray Moist SILTY CLAY								
	0							
	1	1.0	26					
	3	B						
	0					0		
	4					0	.60	24
	-20	3				-40	1	B
Gray Dirty Medium SANDY GRAVEL with Angular Limestone Gravel					Boring Completed			
					552.70			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name: S:\SOILS\SN075-2503_IL_100_OVER_LITTLE_BLUE_CREEK\DATA\TEMP\DRILLING\B01.DAT Date Printed: 10/22/13
Latitude: 35.362966 Longitude: 90.403559 Datum: NAD83 Job Number: D-36-557-03

Benchmark No. 105: Chiseled □ in S.W. abutment of bridge SN 075-0055, Sta. 88+65.3, 22' RT Elev. 611.44 NGVD 29

Existing Structure: 075-0055 Built 1928 under SBI 100, Section 118 B. Existing structure is a single span concrete slab structure on timber pile supported closed abutments with concrete bridergail. Back to back abutment length 42'-2". Structure to be removed ad replaced with a double 10'x5' precast concrete box culvert. Traffic shall be detoured during construction.

No Salvage.

Notes:

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

Existing foundations shall be completely removed and replaced with rockfill.

Boring 2 indicates rock excavation may be required for installation of proposed culvert and wingwalls. Limits of rock excavation shall extend 2'-0" beyond footprint of culvert and wingwalls to a minimum depth of 6" and backfilled with porous granular material.

Contact the District Geotechnical Engineer to verify foundation conditions meet plan requirements.

WATERWAY INFORMATION

Drainage Area = 0.5 sq. mi.		Existing Low Grade Elev. 611.1 ft @ Sta. 87+27.9 Proposed Low Grade Elev. 611.0 ft @ Sta. 87+20.0						
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.
Design	10	310	50	70	605.0	0.4	0.2	605.4
Base	50	520	60	80	605.5	1.0	0.7	606.5
OVT (E)	100	620	60	80	605.6	1.4	0.9	607.0
OVT (P)	> 500	-	-	-	-	-	-	-
Max. Calc.	> 500	-	-	-	-	-	-	-
	500	860	70	80	605.9	2.7	1.6	608.5

10-Year Outlet Velocity From Existing Structure = 5.5 fps
10-Year Outlet Velocity From Proposed Structure = 5.2 fps

HIGHWAY CLASSIFICATION

FAP Rte. 558 - IL Rte. 100
Functional Class: Minor Arterial
ADT: 1100 (2011); 1383 (2034)
ADTT: 11%
Design Speed: 60 m.p.h.
Posted Speed: 55 m.p.h.
Directional Distribution: 50:50

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
6th Edition, with 2013 Interims

DESIGN STRESSES

FIELD UNITS

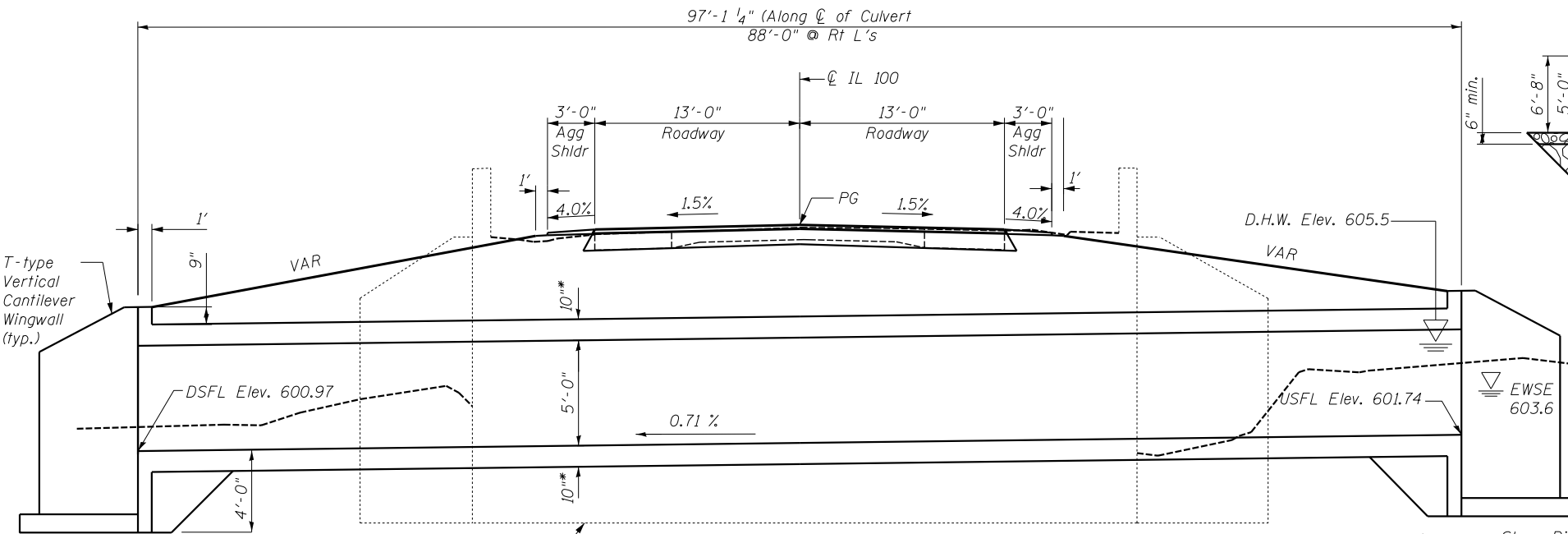
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50W)

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)
fy = 60,000 psi (Reinforcement)

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	597.7	597.0



Removal and Disposal of Unsuitable Material to be replaced with Rockfill-Foundation. See Section Thru Barrel for limits.

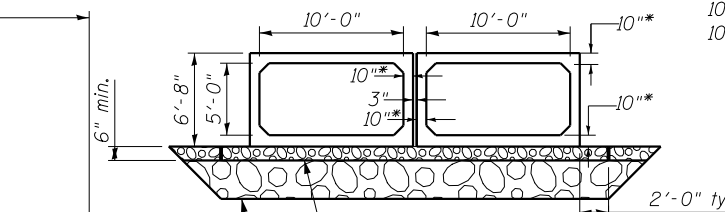
LONGITUDINAL SECTION

Looking South at right angles

STATION 88+44
BUILT BY
STATE OF ILLINOIS
F.A.P. RT 558 SEC. 118 (B-2)
LOADING HL-93
STRUCTURE NO. 075-2504

NAME PLATE

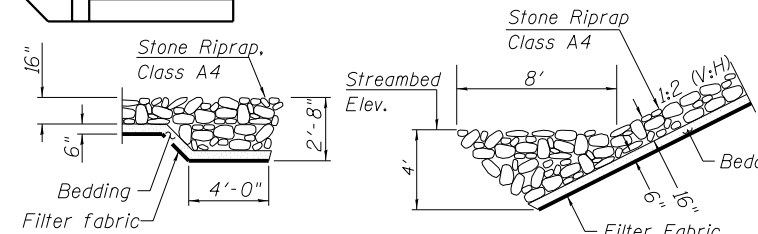
See Std. 515001



Limits of Rock Excavation to be backfilled with CA-7 or CA-11 to be paid for as Rock Fill-Foundation
Limits of Removal and Replacement of Unsuitable Material with Rockfill-Foundation

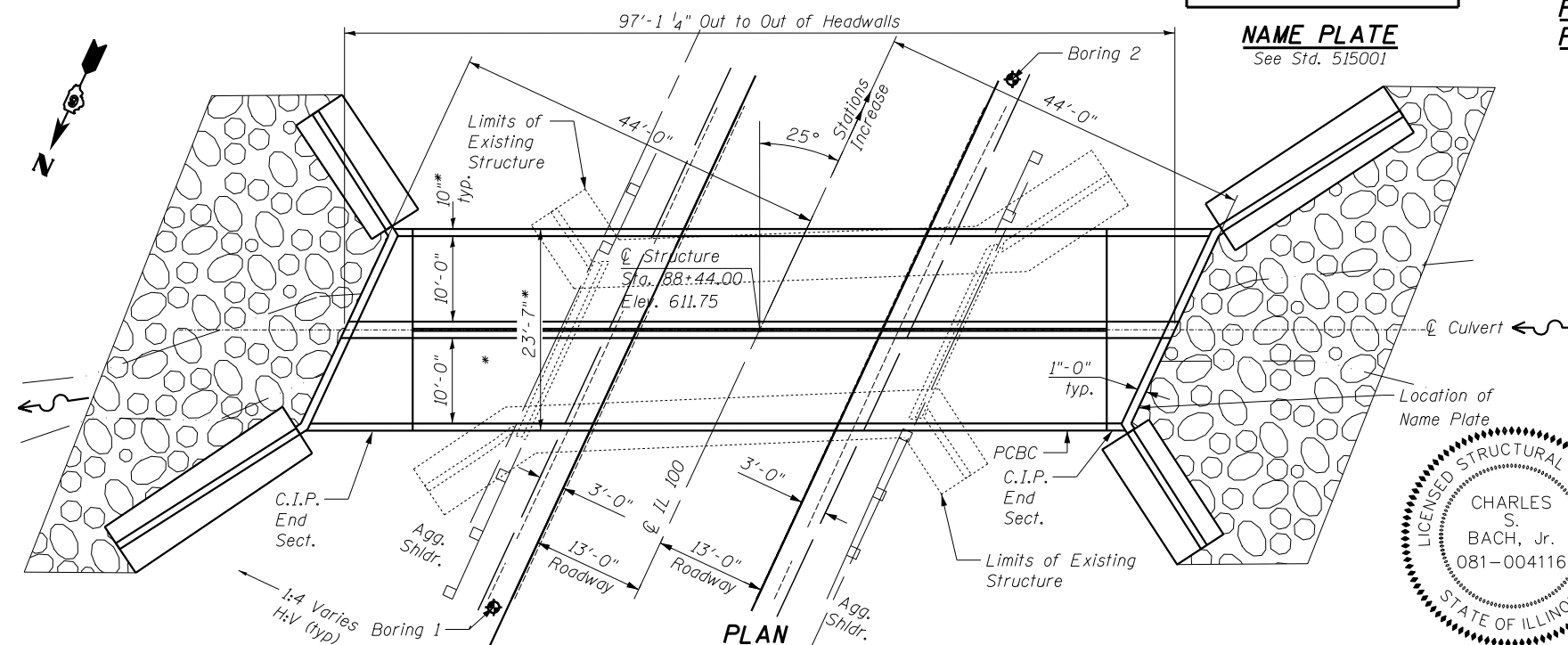
SECTION THRU BARREL

*Culvert slab, wall thickness, and shape may vary as per manufacturer.



FLANK STONE RIPRAP TREATMENT

TOE STONE RIPRAP TREATMENT

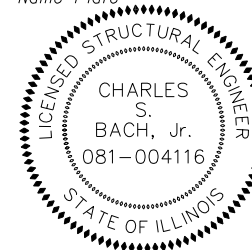


PLAN

PROFILE GRADE

Along CL IL Rte. 100

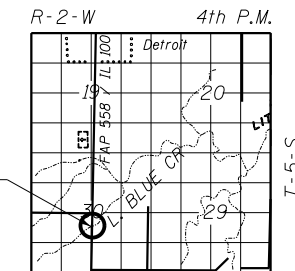
TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS CULVERT DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOW ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH THE REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES."



STRUCTURAL ENGINEER
PSBA
EXPIRES: 11/30/2016

**GENERAL PLAN & ELEVATION
IL RTE 100 OVER LITTLE BLUE CREEK**

FAP RTE 558 SECTION 118 (B-2)
PIKE COUNTY
STATION 88+44.00
EXISTING STRUCTURE NO. 075-0055
PROPOSED STRUCTURE NO. 075-2504



LOCATION SKETCH

FILE NAME: P:\09-01313_IL_100 Pike Co Culvert\SR-10-01313_IL_100 Pike Co Culvert\SR-10-01313_IL_100 Pike Co Culvert\DESIGN\CADD SHEETS\0672840-SHT-053-SW0752504_CIP_end_section.dgn
PSBA PROJECT NO. 04025

Plans prepared by:

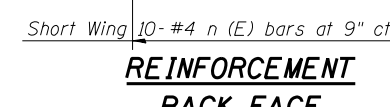
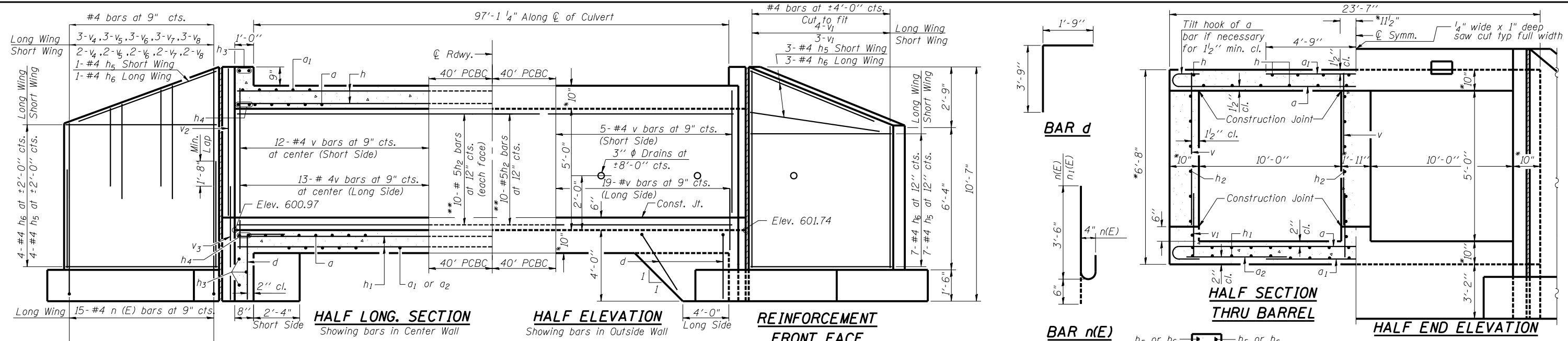
PSBA
POEPPING, STONE, BACH & ASSOCIATES
100 SOUTH 54TH ST - P.O. BOX 709
QUINCY, IL 62308 - 217/223-4805

USER NAME = notel	DESIGNED - TCD	REVISED -
PLOT SCALE = 6.0000' / in.	CHECKED - CSB	REVISED -
PLOT DATE = 12/15/2014	DRAWN - PSBA	REVISED -
	CHECKED - 11/2014	REVISED -

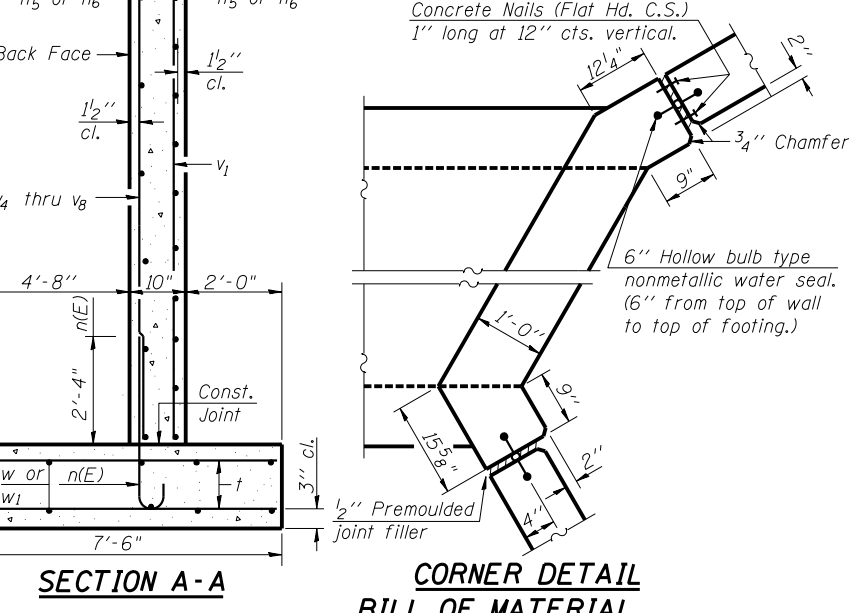
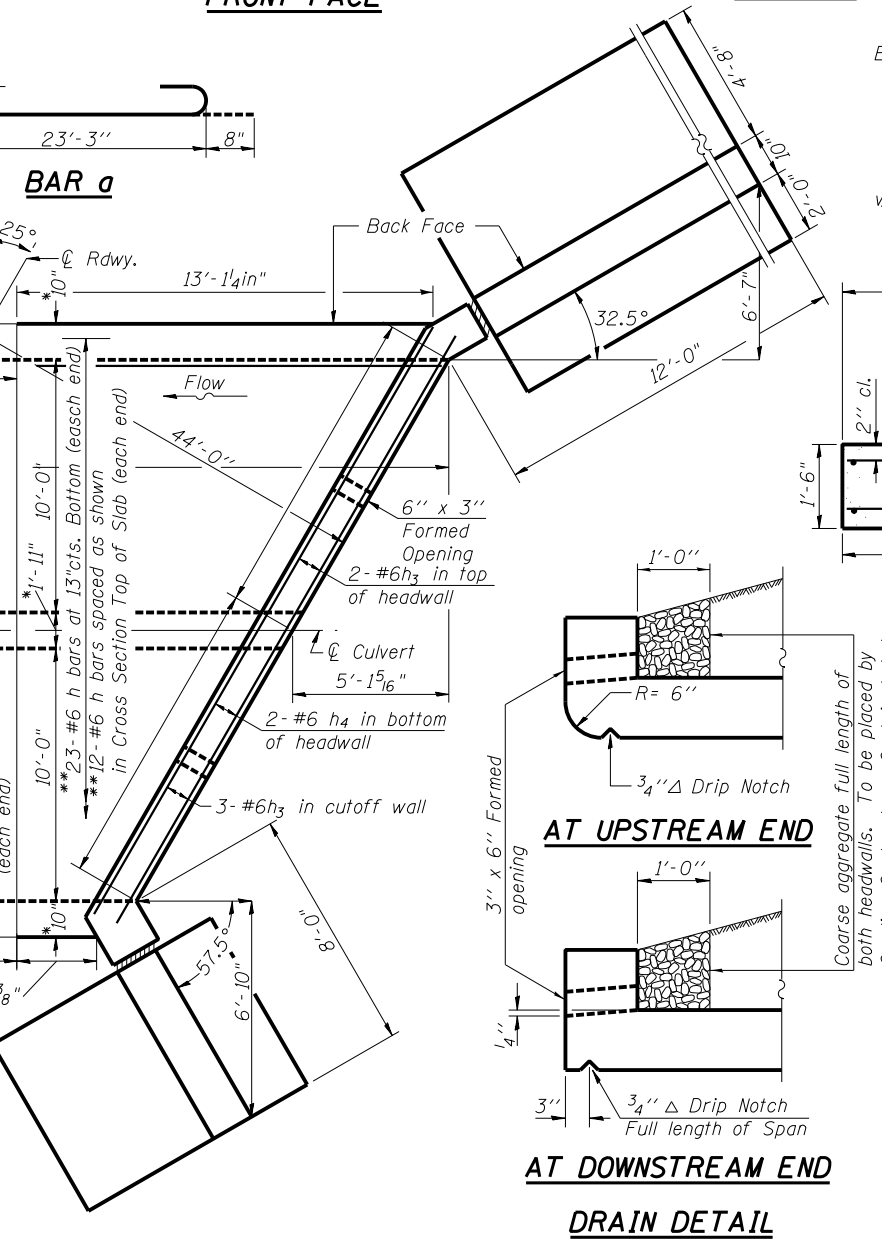
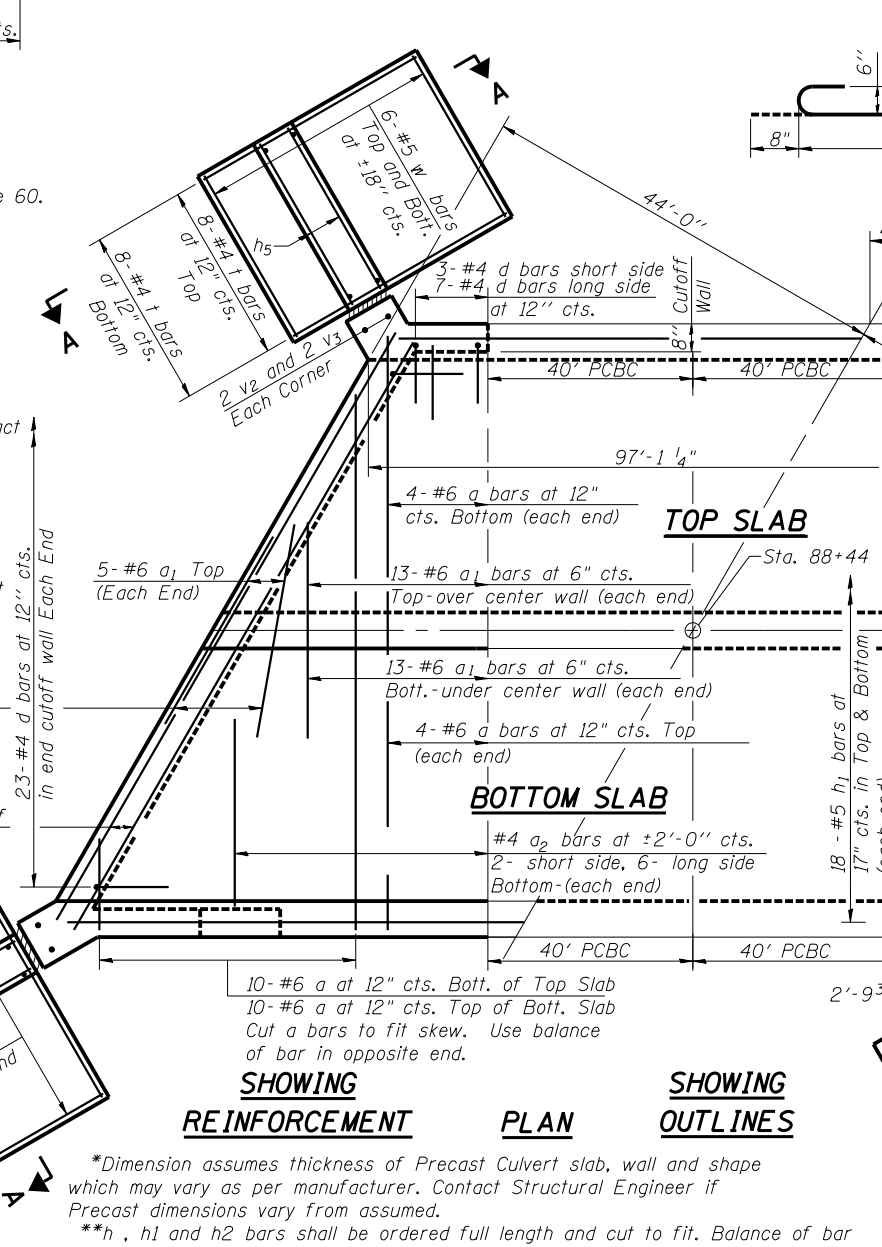
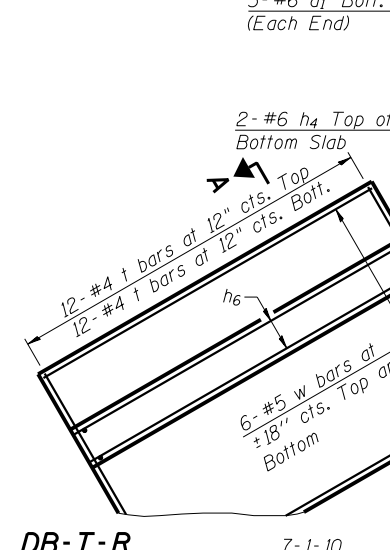
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 075-2504 CULVERT DETAILS
CAST-IN-PLACE END SECTIONS STA 88+44
SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	53
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



Notes:
 Exposed edges shall be beveled $\frac{3}{4}$ "
 Reinforcement bars shall conform to the requirements of ASTM A 706, Grade 60.
 Reinforcement bars designated (E) shall be epoxy coated.
 Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 Extend longitudinal & horizontal reinforcement 2'-9" from Precast Box Culvert ends to be placed in CIP end sections.
 Areas of precast box culvert in contact with cast-in-place concrete shall be sand blasted, cleaned and wetted prior to placing concrete in field according to Article 503.09(b)
 See special detail sheet for Granular Culvert Backfill limits.
 Saw cuts shall be included in the cost of Concrete Box Culverts
 Contact the District Geotechnical Engineer to verify foundation conditions meet plan requirements.



BILL OF MATERIAL

Bar No.	Size	Length	Shape	Bar No.	Size	Length	Shape
a	36 #6	24'-7"	U	t	80 #4	7'-3"	
a ₁	72 #6	9'-6"	U	v	98 #4	6'-4"	
a ₂	16 #4	8'-1"	U	v ₁	14 #4	8'-9"	
d	66 #4	5'-6"	L	v ₂	8 #5	6'-11"	
h	35 #6	16'-5"	U	v ₃	8 #5	6'-0"	
h ₁	36 #5	16'-5"	U	v ₄	10 #4	6'-0"	
h ₂	40 #5	16'-5"	U	v ₅	10 #4	6'-7"	
h ₃	10 #6	24'-10"	U	v ₆	10 #4	7'-2"	
h ₄	8 #6	25'-7"	U	v ₇	10 #4	7'-8"	
h ₅	30 #4	7'-0"	U	v ₈	10 #4	8'-4"	
h ₆	30 #4	11'-0"	U	w	24 #5	11'-0"	
n(E)	50 #4	4'-0"	U	w ₁	24 #5	7'-0"	

Removal and Disposal of Unsuitable Material Cu. Yd. 432
 Rock Excavation for Structures Cu. Yd. 30
 Reinforcement Bars Pound 7590
 Reinforcement Bars, Epoxy Coated Pound 140
 Name Plates Each 1
 Concrete Box Culverts Cu. Yd. 68.7
 Granular Culvert Backfill Cu. Yd. 216
 Rock Fill Foundation Ton 834

Table for 2 End Sections
 See Roadway Plans for Stone Dumped Riprap quantities

DB-T-R 7-1-10
 PSBA
 POEPPING, STONE, BACH & ASSOCIATES
 100 SOUTH 54TH ST - P.O. BOX 709
 QUINCY, IL 62308 - 217/223-4805

USER NAME	DESIGNED	REVISIONS
netel	TCB	-
	PSBA	-
	CSB	-
		-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 075-2504 CULVERT DETAILS
 CAST-IN-PLACE END SECTION; STA 88+44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	54

CONTRACT NO. 72840
 ILLINOIS FED. AID PROJECT

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG

Page 1 of 1

DATE: 5/29/13

ROUTE: FAP 558 (IL 100) DESCRIPTION: FAP 558 (IL 100) over Little Blue Creek LOGGED BY: M. Tappen

SECTION: 118 (B-1, B-2, B-3) LOCATION: SE 1/4, SEC. 30, TWP. 5S, RNG. 2W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

EX. SN 075-0055
STRUCT. NO.: PR. SN 075-2504
Station: 88+44

BORING NO.: 1 NE WW
Station: 88+12
Offset: 15.0 ft LT

Surface Elev.: 611.1 ft

D	B	U	M	Surface Water Elev.: 601.4 ft	D	B	U	M
E	L	S	O	Stream Bed Elev.: 599.5 ft	E	L	S	O
P	O	C	I	Groundwater Elev.:	P	O	C	I
T	W	S		▽ First Encounter: 598.1 ft	T	W	S	
H	S	Qu	T	▽ Upon Completion: 597.1 ft	H	S	Qu	T
(ft)	/6"	(tsf)	(%)	▽ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)

Soil Description	Depth (ft)	Blow Count	Notes
Tan and Light Gray Moist SILT LOAM (Fill)	1	1.10	22
	2	5.13	
	3		
	1		
	1	.70	21
	1	B	
	-5		-25
605.10	0		
Tan and Light Gray Moist SILTY CLAY LOAM	2	.80	21
	1	B	
602.60	0		
Reddish Brown Moist Cherty GRAVEL (Residuum)	1		23
	4		
601.10 -10			-30
Dark Gray Very Moist SILTY CLAY LOAM with Dirty Limestone GRAVEL at 11.5'	0		
	1	.70	29
Gray Coarse Dirty Angular Limestone GRAVEL (Residuum)	3	B	
▽	2		
▽	19		
	22		
595.60	-15		-35
Gray Cherty Broken Limestone	1		
	26		
	54		
	19		
Gray Cherty Moderately Indurated Cherty LIMESTONE	100		
Auger Refusal at 19.0'	-20		-40

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG

Page 1 of 1

DATE: 5/29/13

ROUTE: FAP 558 (IL 100) DESCRIPTION: FAP 558 (IL 100) over Little Blue Creek LOGGED BY: M. Tappen

SECTION: 118 (B-1, B-2, B-3) LOCATION: SE 1/4, SEC. 30, TWP. 5S, RNG. 2W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

EX. SN 075-0055
STRUCT. NO.: PR. SN 075-2504
Station: 88+44

BORING NO.: 2 SW WW
Station: 88+78
Offset: 14.0 ft RT

Surface Elev.: 611.8 ft

D	B	U	M	Surface Water Elev.: 601.4 ft	D	B	U	M
E	L	S	O	Stream Bed Elev.: 599.9 ft	E	L	S	O
P	O	C	I	Groundwater Elev.:	P	O	C	I
T	W	S		▽ First Encounter: 601.3 ft	T	W	S	
H	S	Qu	T	▽ Upon Completion: 599.8 ft	H	S	Qu	T
(ft)	/6"	(tsf)	(%)	▽ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)

Soil Description	Depth (ft)	Blow Count	Notes
Brown Moist SILTY CLAY LOAM (Fill)	0		
	3	1.40	19
	3	B	
	1		
	2	1.5	22
	3	B	
606.80 -5			
Gray Coarse Cherty Limestone GRAVEL (Fill)	1		
	6		
	14		
Dark Gray and Brown Coarse Moist Dirty Limestone GRAVEL (Fill)	2		
	11		
	10		
601.80 -10			
Gray and Brown Cherty Limestone Gravel (Residuum)	6		
	37		
	63		
	5"		
598.80			
Very Light Gray Weathered Cherty LIMESTONE	3		
	100		
Auger Refusal at 13.5'	4"		
Boring Completed	-15		
	-20		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

Benchmark No. 430: Chiseled "□" on top center West Headwall, Sta. 430+87.27, 24.91' LT Elev. 439.20 NAVD 88
 Benchmark No. 435: Chiseled "□" on top center East Headwall, Sta. 434+71.98, 20.44' RT Elev. 442.13 NAVD 88

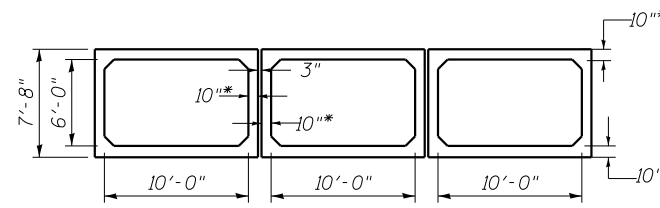
Existing Structure: 075-2014 Built 1934 under SBI 100, Section 123 A&B. Existing structure is a double barrel 10' x 6' 24° skew concrete box culvert structure with concrete headwall. Back to back of headwall length of 43'-9 1/2". Structure to be removed and replaced with a triple 10'x6' precast concrete box culvert. Traffic shall be detoured during construction.

No Salvage.

WATERWAY INFORMATION

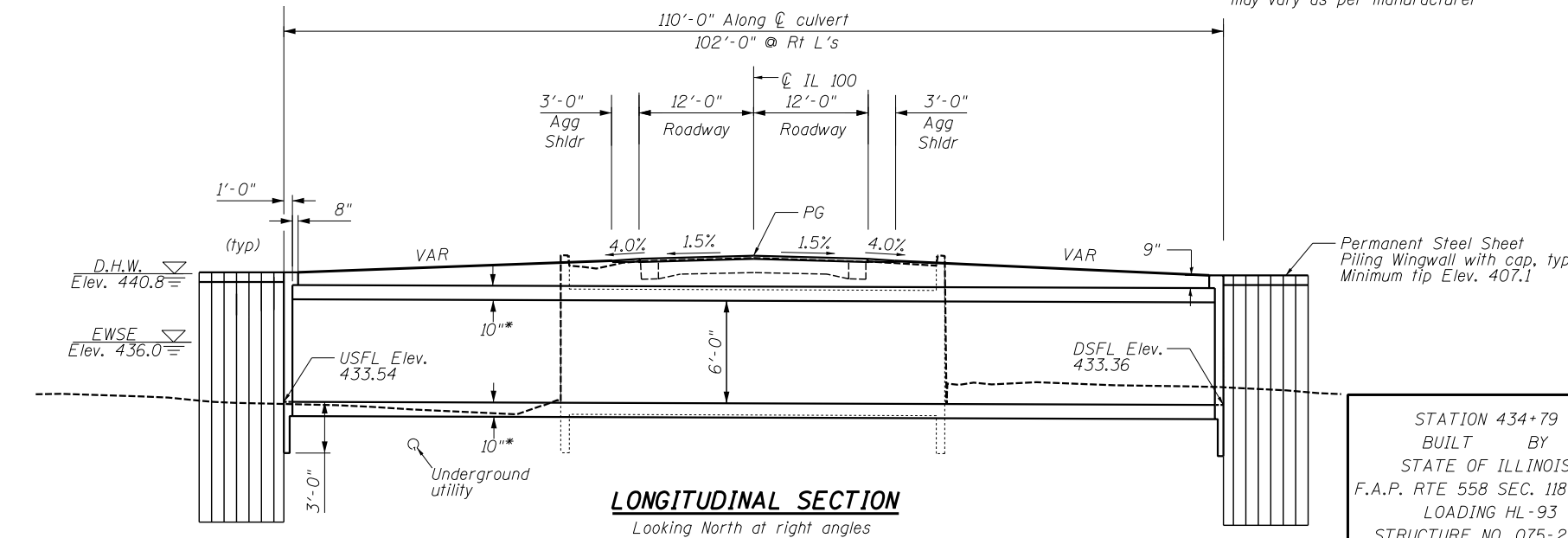
Drainage Area = 2.2 sq. mi.		Existing Low Grade Elev. 437.1 ft @ Sta. 442+00		Proposed Low Grade Elev. 437.1 ft @ Sta. 442+00		
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist. Prop.	Nat. H.W.E.	Head - Ft. Exist. Prop.	Headwater El. Exist. Prop.
	10	1080	100 160	439.6	0.0 0.0	439.6 439.6
Design	50	1800	120/510 180/510	440.8	0.5 0.5	441.3 441.3
Base	100	2150	120/870 180/870	441.3	0.5 0.5	441.8 441.8
OVT (E)	<10 yr	-	-	-	-	-
OVT (P)	<10 yr	-	-	-	-	-
Max. Calc.	500	3000	120/370 180/370	440.5	2.2 2.2	442.7 442.7

10-Year Outlet Velocity From Existing Structure = 10.7 fps
 10-Year Outlet Velocity From Proposed Structure = 6.2 fps



SECTION THRU BARREL

*Culvert slab & wall thickness and shape may vary as per manufacturer



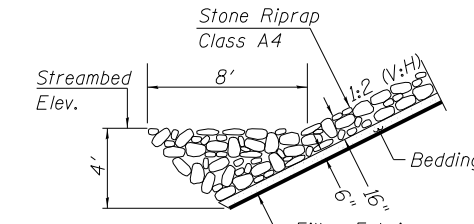
LONGITUDINAL SECTION

Looking North at right angles

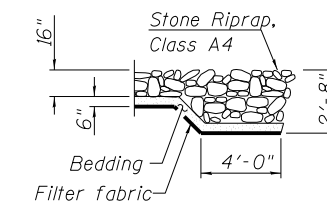
STATION 434+79
 BUILT BY
 STATE OF ILLINOIS
 F.A.P. RTE 558 SEC. 118 (B-3)
 LOADING HL-93
 STRUCTURE NO. 075-2505

NAME PLATE

See Std. 515001



TOE STONE RIPRAP TREATMENT



FLANK STONE RIPRAP TREATMENT

HIGHWAY CLASSIFICATION

FAP Rte. 558 - IL Rte. 100
 Functional Class: Minor Arterial
 ADT: 425 (2011); 534 (2034)
 ADTT: 19%
 Design Speed: 60 m.p.h.
 Posted Speed: 55 m.p.h.
 Directional Distribution: 50:50

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
 6th Edition with 2013 Interims

DESIGN STRESSES

FIELD UNITS

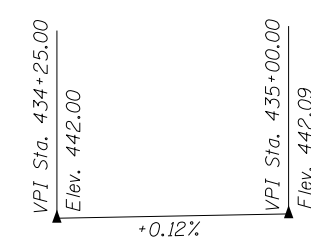
f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)
 fy = 50,000 psi (M270 Grade 50W)

PRECAST UNITS

f'c = 5'000 psi
 fy = 65,000 psi Welded Wire Fabric
 fy = 60,000 psi Reinforcement

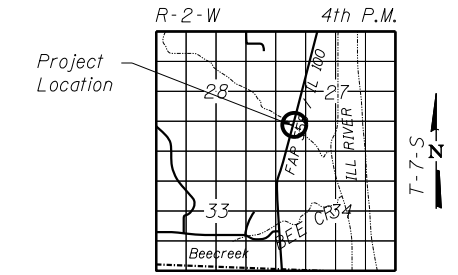
DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	430.6	430.4

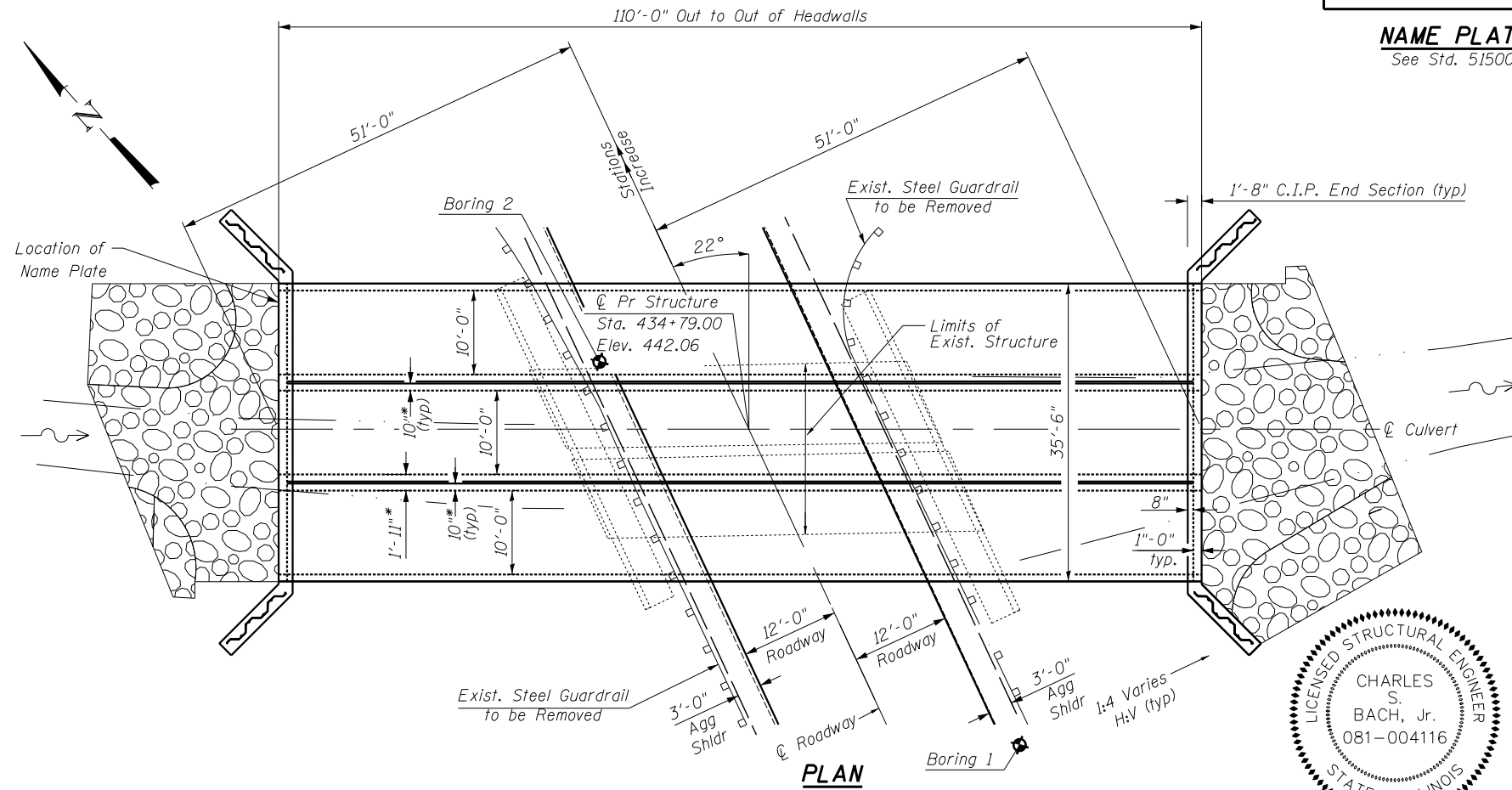


PROFILE GRADE

Along CL IL Rte. 100

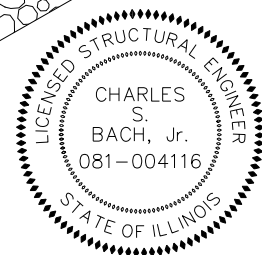


LOCATION SKETCH



PLAN

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS CULVERT DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH THE REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES."



STRUCTURAL ENGINEER PSBA EXPIRES: 11/30/2016

GENERAL PLAN & ELEVATION
IL RTE 100 OVER STREAM
FAP RTE 558 SECTION 118 (B-3)
PIKE COUNTY
STATION 434+79.00
EXISTING STRUCTURE NO. 075-2014
PROPOSED STRUCTURE NO. 075-2505

FILE NAME: I:\075-2505\CIP end section.dgn
 USER: PSBA PROJECT NO. 040625

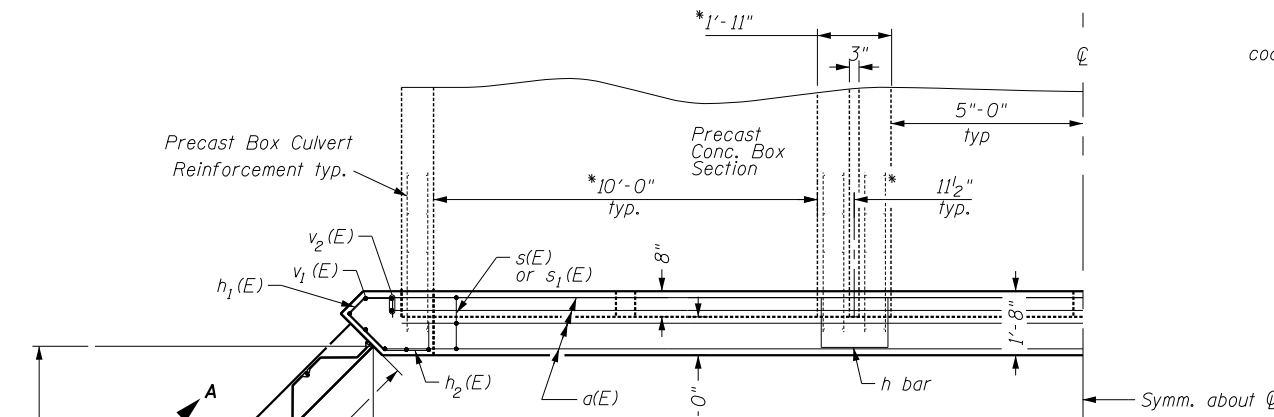
PSBA
POEPPING, STONE, BACH & ASSOCIATES
 100 SOUTH 54TH ST - P.O. BOX 709
 QUINCY, IL 62308 - 217/223-4805

USER NAME = notel	DESIGNED - TCD	REVISIONS
PLOT SCALE = 5/8"=1'-0"	CHECKED - CSB	REVISIONS
PLOT DATE = 12/15/2014	DRAWN - PSBA	REVISIONS
	CHECKED - DBS	REVISIONS

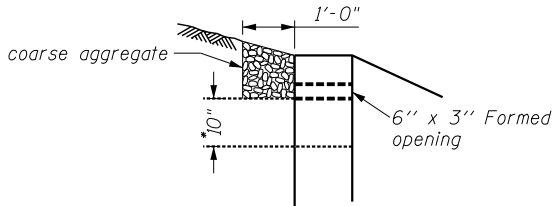
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NTS	SHEET 1 OF 3 SHEETS	STA. TO STA.
SN 075-2505 CULVERT DETAILS		
CAST-IN-PLACE END SECTIONS STA 434+79		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	56
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

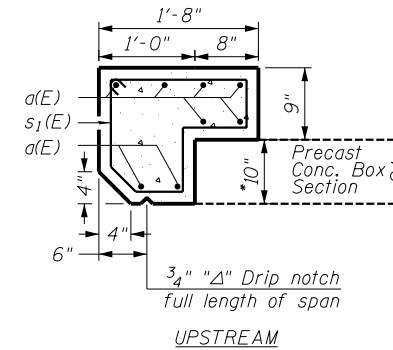


HALF PLAN

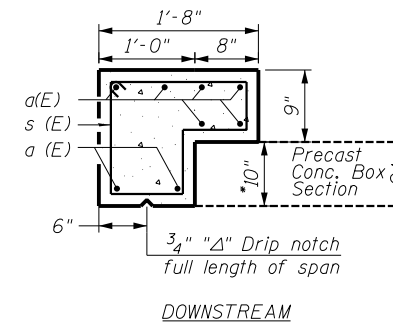


DRAIN DETAIL

Coarse aggregate for 6" x 3" formed openings full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.

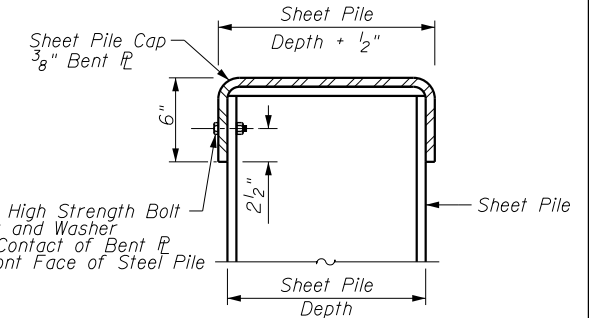


UPSTREAM

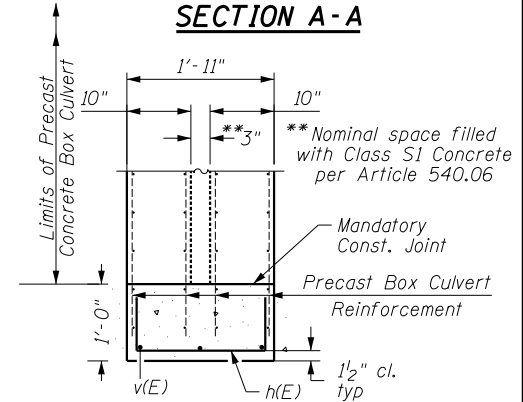


DOWNSTREAM

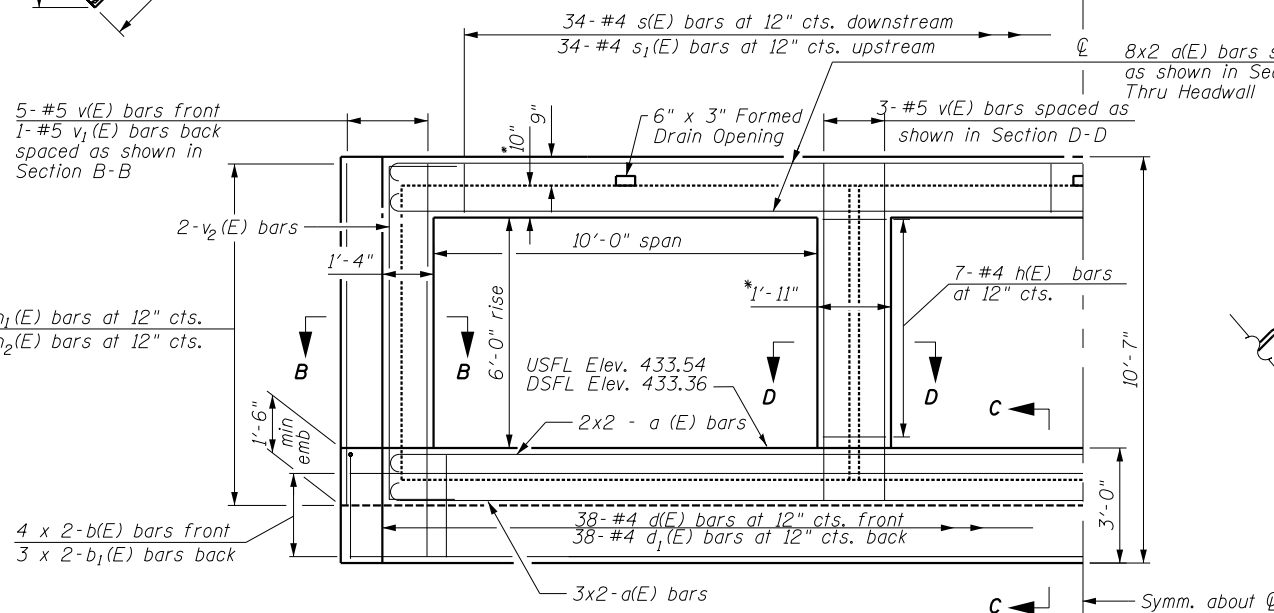
SECTION THRU HEADWALL



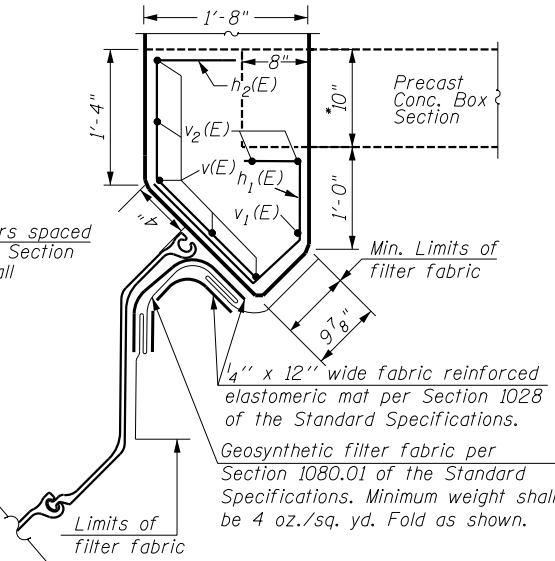
SHEET PILE CAP SECTION A-A



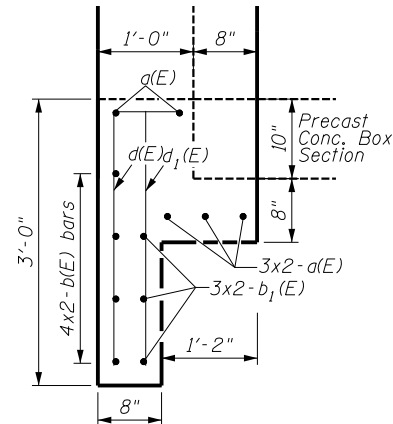
SECTION D-D



END ELEVATION



SECTION B-B

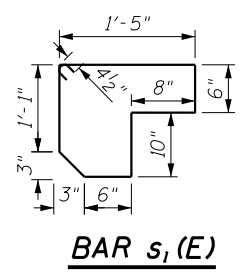


SECTION C-C

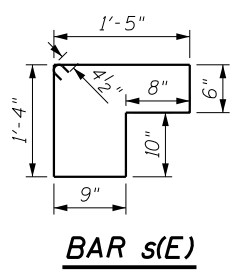
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	52	#6	19'-3"	┌
b(E)	16	#4	21'-0"	┌
b ₁ (E)	12	#4	20'-0"	┌
d(E)	76	#4	3'-3"	┌
d ₁ (E)	76	#4	2'-8"	┌
h(E)	28	#4	3'-2"	┌
h ₁ (E)	36	#4	3'-2"	┌
h ₂ (E)	36	#4	3'-2"	┌
s(E)	34	#4	6'-3"	┌
s ₁ (E)	34	#4	6'-2"	┌
v(E)	32	#5	8'-11"	┌
v ₁ (E)	4	#5	9'-3"	┌
v ₂ (E)	8	#6	12'-8"	┌
Reinforcement Bars, Epoxy Coated			Pound	3190
Name Plate			Ea	1
Concrete Box Culverts			Cu. Yd.	17.9
Granular Culvert Backfill			Cu. Yds.	98
Permanent Steel Sheet Piling			Sq. Ft.	1394

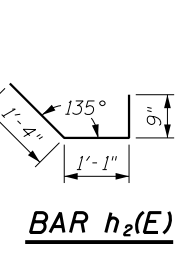
See Roadway Plans for Stone Dumped Riprap quantities Table for two (2) headwalls.



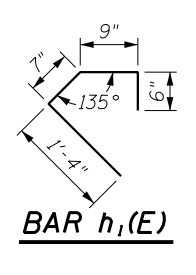
BAR s₁(E)



BAR s(E)



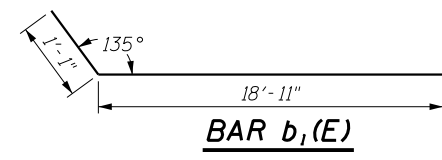
BAR h₂(E)



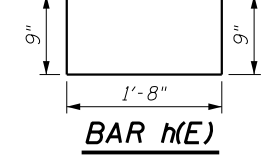
BAR h₁(E)



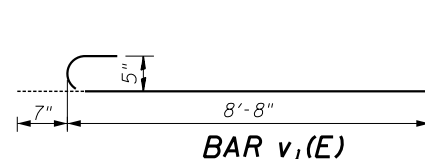
BAR b(E)



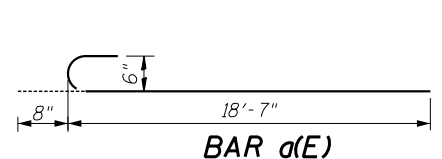
BAR b₁(E)



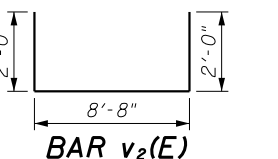
BAR h(E)



BAR v₁(E)



BAR a(E)



BAR v₂(E)



BAR d(E)

Notes:
 Exposed edges shall be beveled 3/4"
 Reinforcement bars shall conform to requirements of ASTM A706, Grade 60.
 Reinforcement bars designated as (E) shall be epoxy coated.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 Extend precast box culvert longitudinal and horizontal reinforcement into end section. Bend as necessary to provide 1/2" clear cover.
 The minimum effective section modulus of the permanent steel sheet pile wall shall be 18.0 in.³/ft.
 Sheet piling shall not be driven until the concrete strength has attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.
 The cost of furnishing and installing the fabricated steel cap, elastomeric mat, and filter fabric shall be included in the cost of Permanent Steel Sheet Piling.
 The sheet pile cap shall be AASHTO M270 Grade 50W. Fasteners shall be ASTM A325 Type 1 Bolts 3/4" φ, holes 7/8" φ.
 Areas of the precast box culvert in contact with cast-in-place concrete shall be sand blasted, cleaned and wetted prior to placing concrete in field according to Article 503.09 (b).
 See detail sheet for Granular Culvert Backfill Limits.

FILE NAME: 056-SN0752505 - CIP end section.dgn
 PSEA PROJECT NO. 04065

PSBA
POEPPING, STONE, BACH & ASSOCIATES
 100 SOUTH 54TH ST - P.O. BOX 709
 QUINCY, IL 62308 - 217/223-4805

USER NAME = notel	DESIGNED - TCD	REVISIONS
PLOT SCALE = 5/8"=1'-0"	CHECKED - CSB	REVISIONS
PLOT DATE = 12/15/2014	DRAWN - PSBA	REVISIONS
	CHECKED - DBS	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

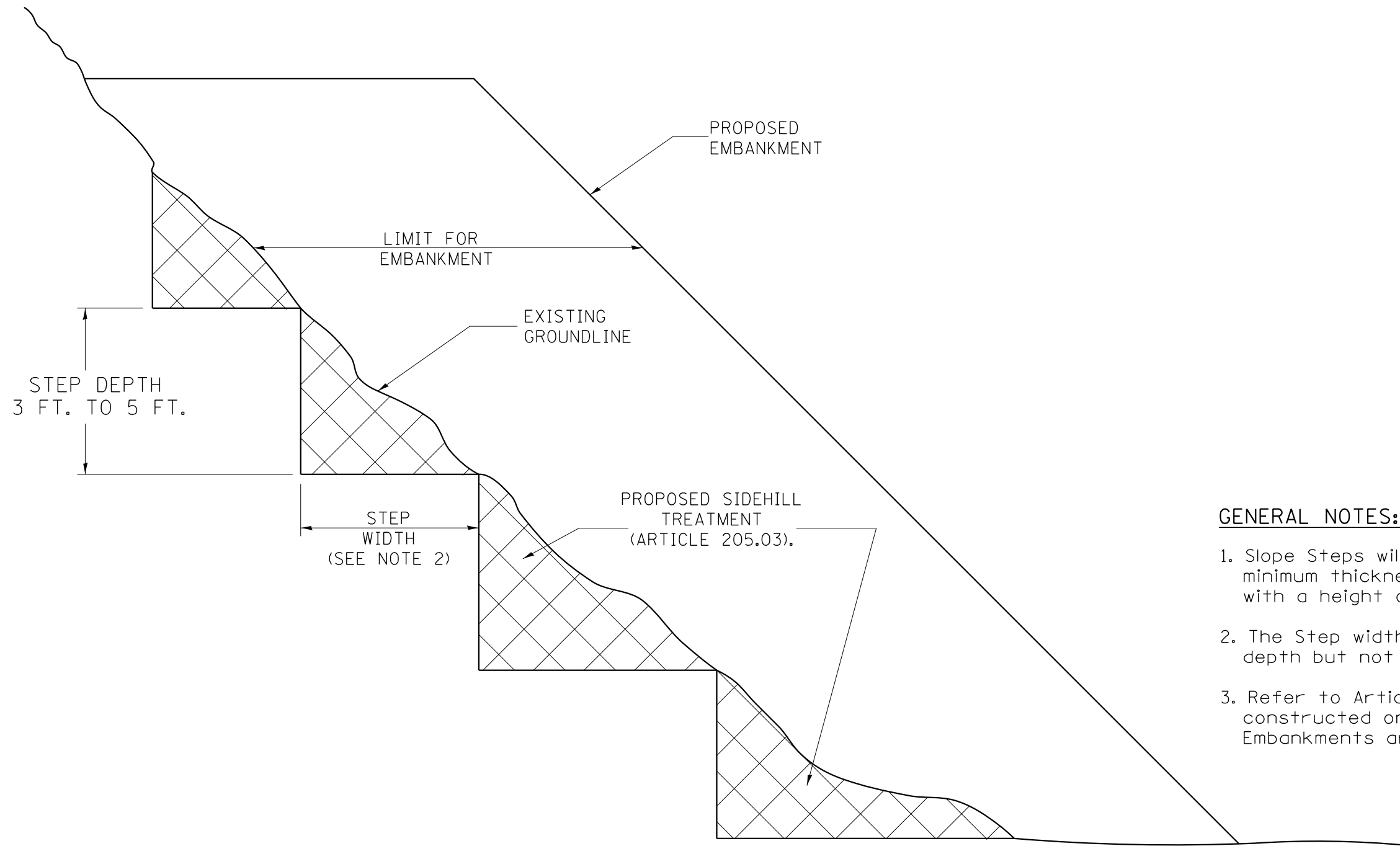
SN 075-2505 CULVERT DETAILS
CAST-IN-PLACE END SECTIONS STA 434+79

SCALE: NTS SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 558	SECTION 118 (B-1, B-2, B-3)	COUNTY PIKE	TOTAL SHEETS 102	SHEET NO. 57
			CONTRACT NO. 72840	
ILLINOIS FED. AID PROJECT				

SLOPE STEPS DETAIL

TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12 (300) minimum thickness "silver fills" and on a fills with a height of 10' (3.0 m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

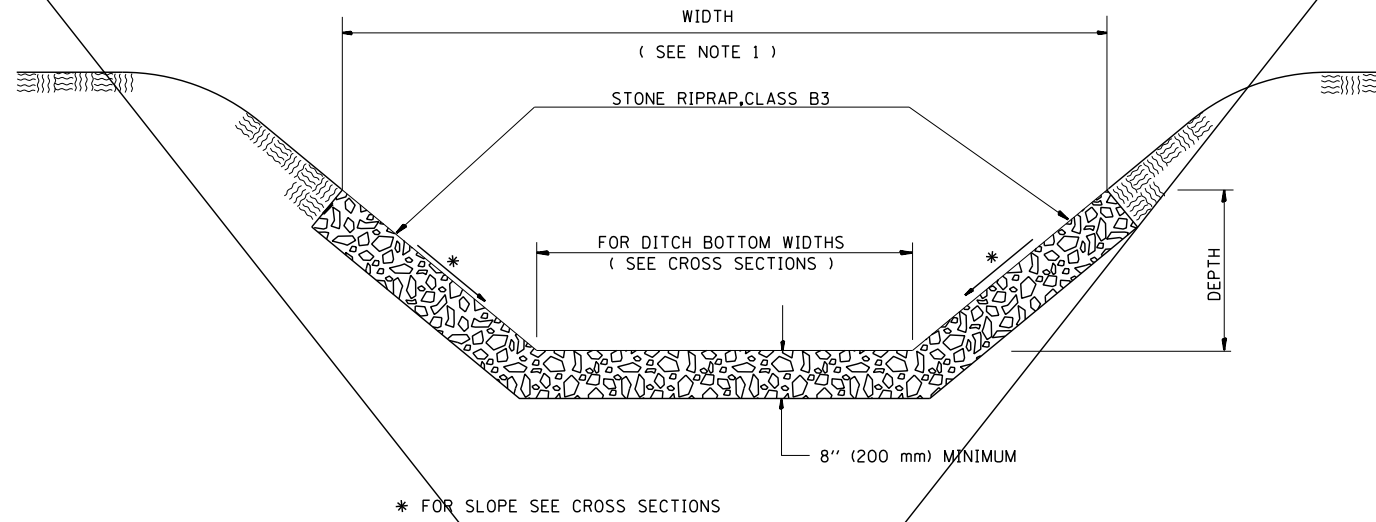
REPLACEMENT MATERIAL:



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

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

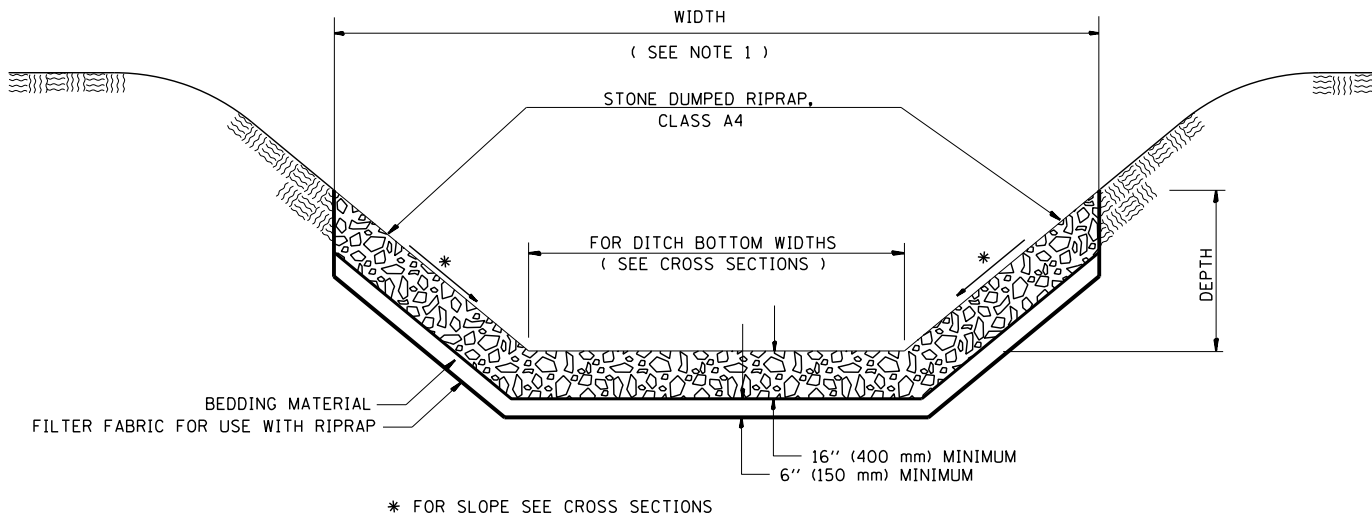
FILE NAME = D672840-SHT-059-DETAILS-SPECIAL.DGN	USER NAME = notel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SLOPE STEPS DETAIL	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			558	118 (B-1, B-2, B-3)	PIKE	102	59
	PLOT DATE = 12/15/2014	CHECKED -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS		STA.	TO STA.	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT		CONTRACT NO. 72840		



STONE RIPRAP DITCH DETAIL

LOCATION	LENGTH	WIDTH	DEPTH	STONE RIPRAP,
	ft. (meter)	(SEE NOTE 1) ft. (meter)		CLASS B3
			ft. (meter)	sq. ft. (sq. m)
TOTALS				

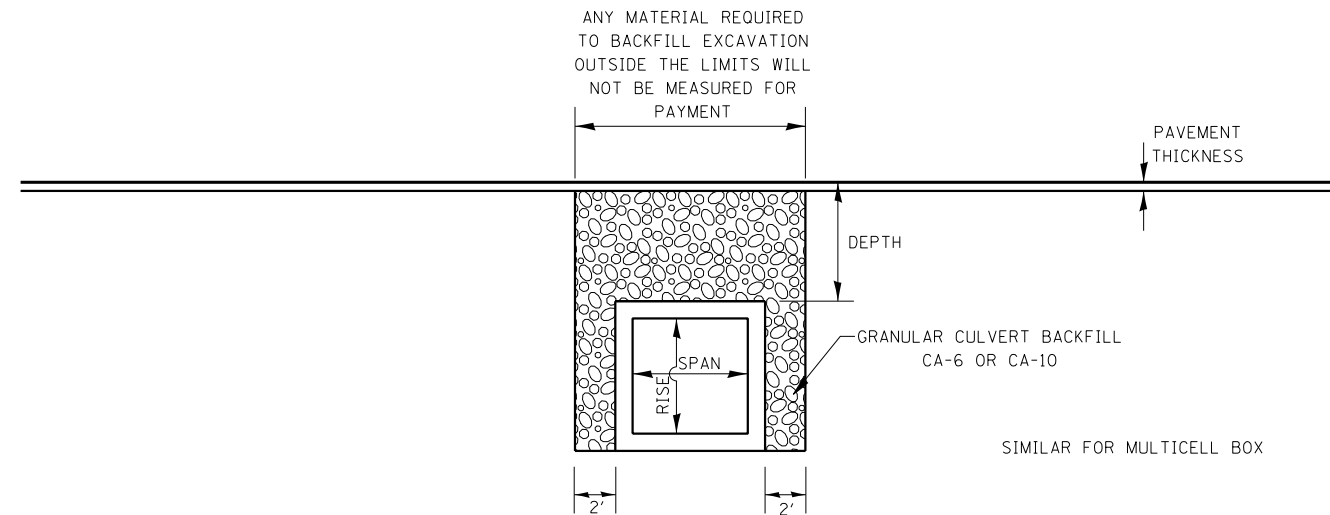
NOTE 1: THE WIDTH SHOWN IS THE OUT TO OUT HORIZONTAL DIMENSION OF THE PROPOSED RIPRAP PLACEMENT. THE QUANTITY FOR THE STONE RIPRAP IS CALCULATED USING THE SUM OF THE DITCH BOTTOM WIDTH AND THE SLOPE DIMENSIONS OF THE FORESLOPE AND THE BACKSLOPE.



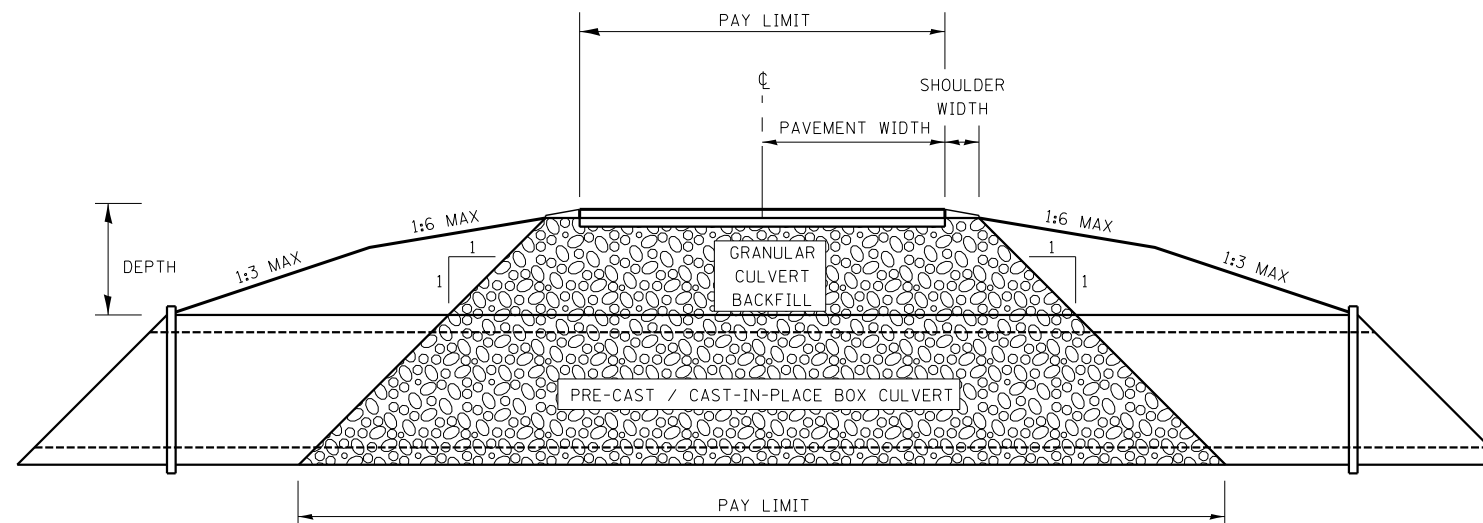
STONE DUMPED RIPRAP DITCH DETAIL

LOCATION	LENGTH	WIDTH	DEPTH	STONE DUMPED RIPRAP,	FILTER FABRIC FOR
	ft. (meter)	(SEE NOTE 1) ft. (meter)		CLASS B3	USE WITH RIPRAP
			ft. (meter)	sq. ft. (sq. m)	sq. ft. (sq. m)
SEE SCHEDULE OF QUANTITIES STONE RIPRAP					
TOTALS					

NOTE 1: THE WIDTH SHOWN IS THE OUT TO OUT HORIZONTAL DIMENSION OF THE PROPOSED RIPRAP PLACEMENT. THE QUANTITY FOR THE STONE DUMPED RIPRAP AND FILTER FABRIC IS CALCULATED USING THE SUM OF THE DITCH BOTTOM WIDTH AND THE SLOPE DIMENSIONS OF THE FORESLOPE AND THE BACKSLOPE.

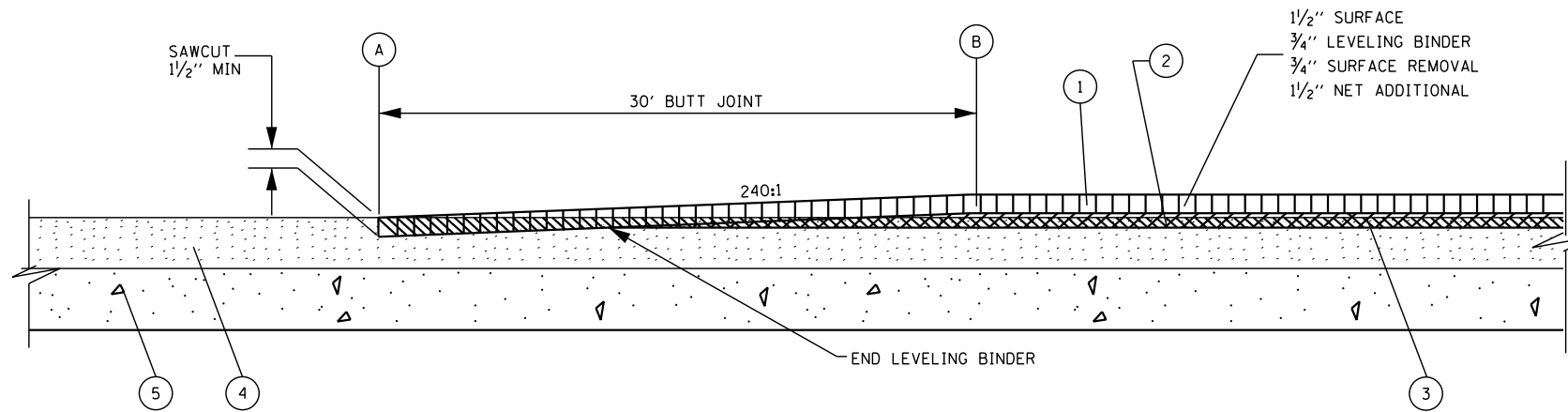


**PROFILE GRANULAR BACKFILL DETAIL
FOR EXISTING ALIGNMENTS & CONSTRUCTION**



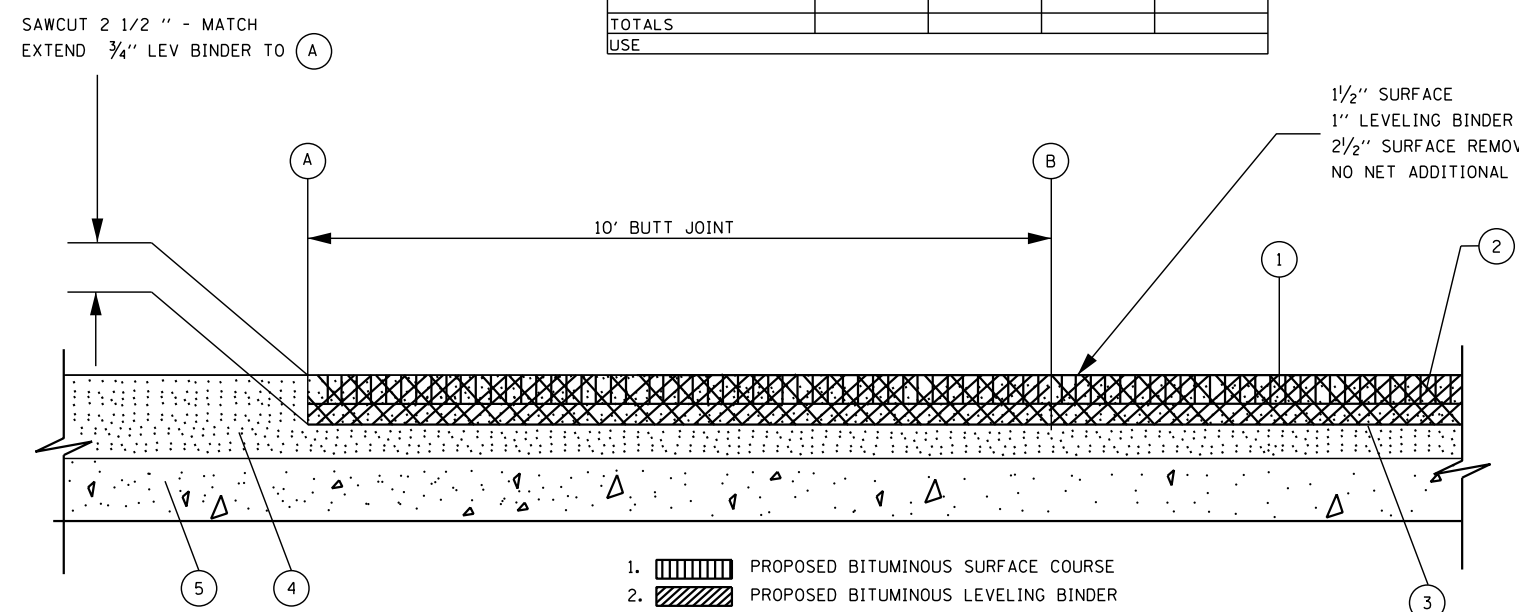
**CROSS SECTION GRANULAR BACKFILL DETAIL
FOR EXISTING ALIGNMENTS & CONSTRUCTION**

FILE NAME = D672840-SHT-059-DETAILS-SPECIAL.DGN	USER NAME = notel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRANULAR BACKFILL DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					558	118(B-1, B-2,B-3)	PIKE	102	61
	PLOT DATE = 12/15/2014	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 72840				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



- 1. [Pattern] PROPOSED BITUMINOUS SURFACE COURSE
- 2. [Pattern] PROPOSED BITUMINOUS LEVELING BINDER
- 3. [Pattern] PROPOSED BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) - 3/4" AVE
- 4. [Pattern] EXISTING BITUMINOUS CONCRETE OVERLAY
- 5. [Pattern] EXISTING CONCRETE PAVEMENT

LOCATION	A	B	WIDTH FOOT	AREA SQ YD
SEE SCHEDULE OF QUANTITIES				
HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT				
TOTALS				
USE				



- 1. [Pattern] PROPOSED BITUMINOUS SURFACE COURSE
- 2. [Pattern] PROPOSED BITUMINOUS LEVELING BINDER
- 3. [Pattern] PROPOSED BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
- 4. [Pattern] EXISTING BITUMINOUS CONCRETE OVERLAY
- 5. [Pattern] EXISTING CONCRETE PAVEMENT

LOCATION	A	B	WIDTH FOOT	AREA SQ YD
TOTALS				
USE				

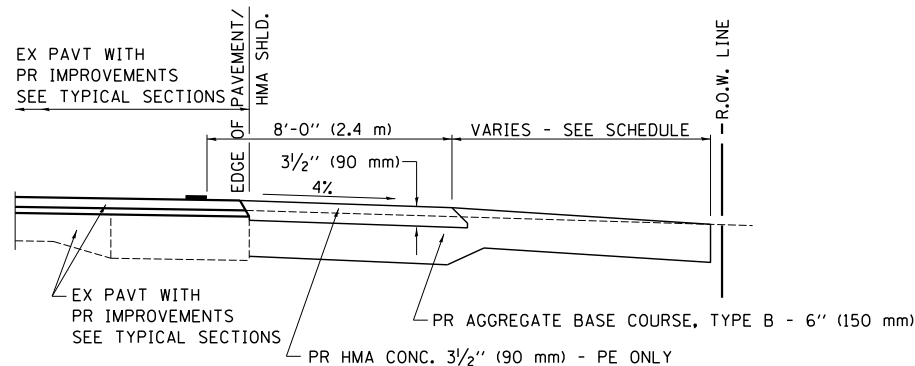
FILE NAME = D672840-SHT-059-DETAILS-SPECIAL.DGN	USER NAME = notel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

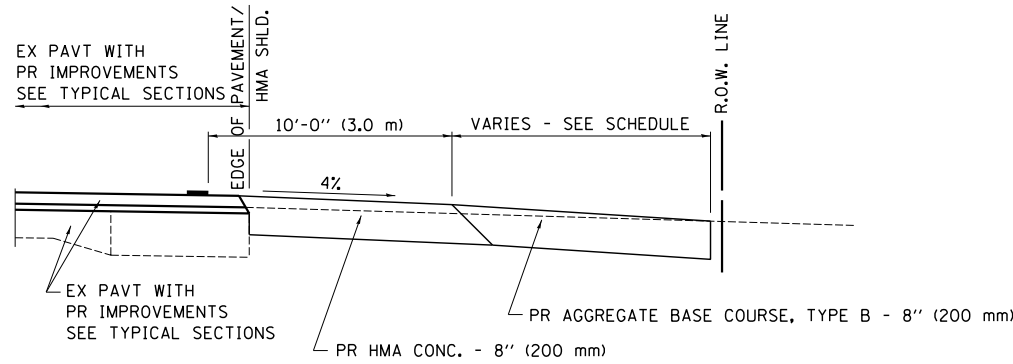
BUTT JOINT DETAIL

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

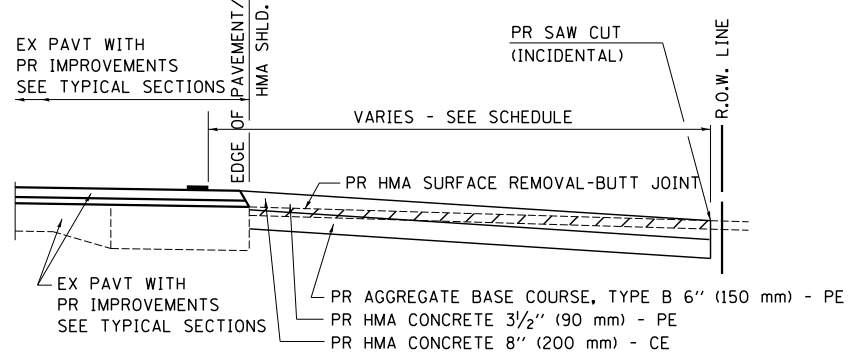
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	62
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



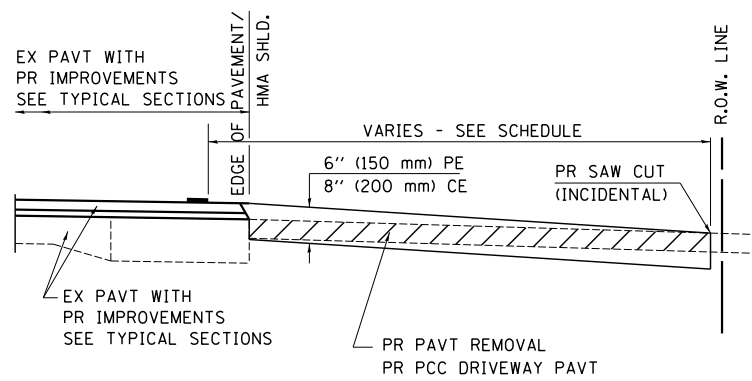
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



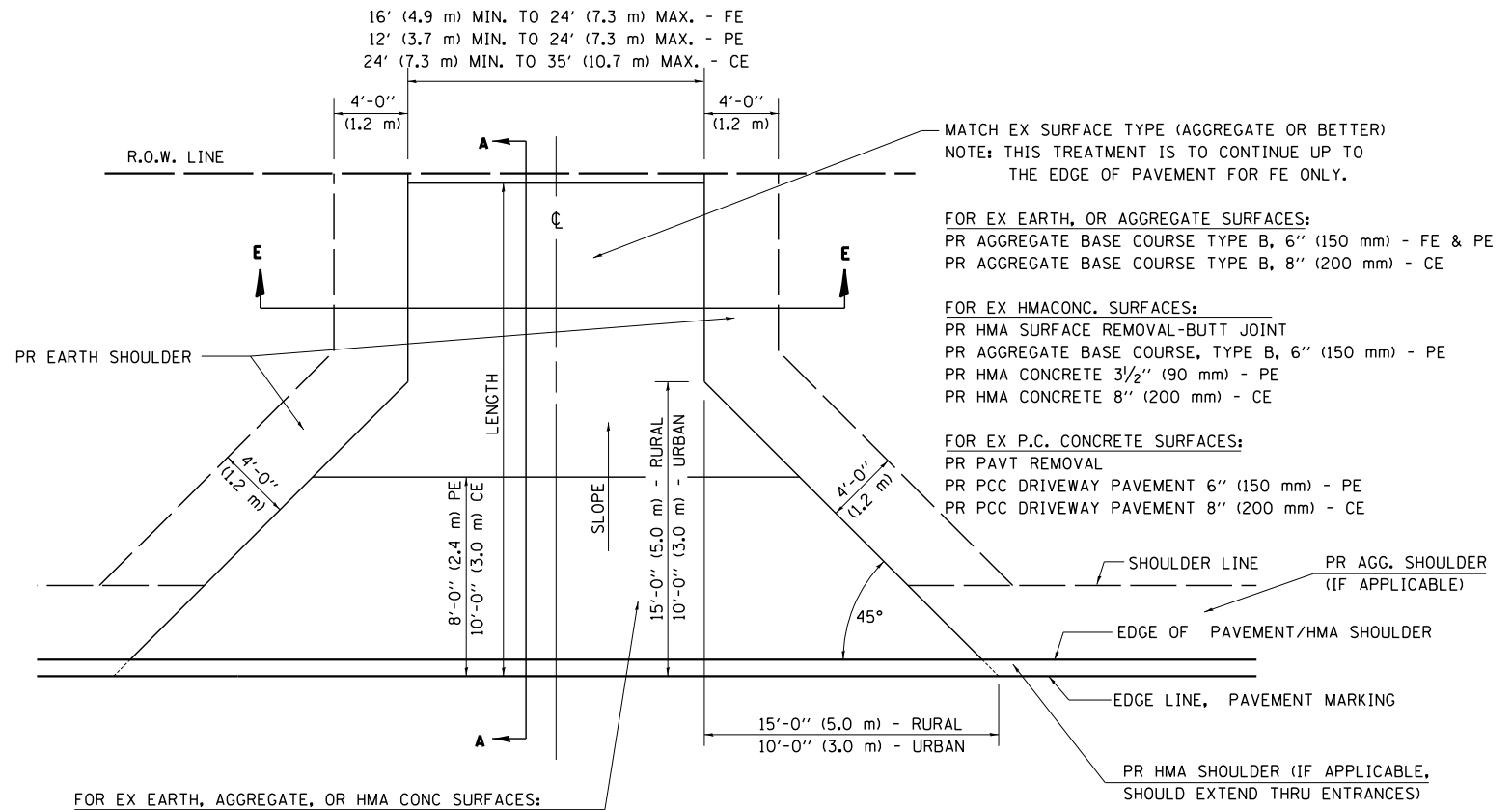
SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX HMA PE & CE



SECTION A-A FOR EX P.C. CONC. PE & CE



FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE B 6" (150 mm) - FE
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm) &
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT 8" (200 mm) - CE

MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)
 NOTE: THIS TREATMENT IS TO CONTINUE UP TO THE EDGE OF PAVEMENT FOR FE ONLY.

FOR EX EARTH, OR AGGREGATE SURFACES:
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm) - FE & PE
 PR AGGREGATE BASE COURSE TYPE B, 8" (200 mm) - CE

FOR EX HMA/CONC. SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT
 PR AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) - PE
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR EX P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVEMENT 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVEMENT 8" (200 mm) - CE

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.

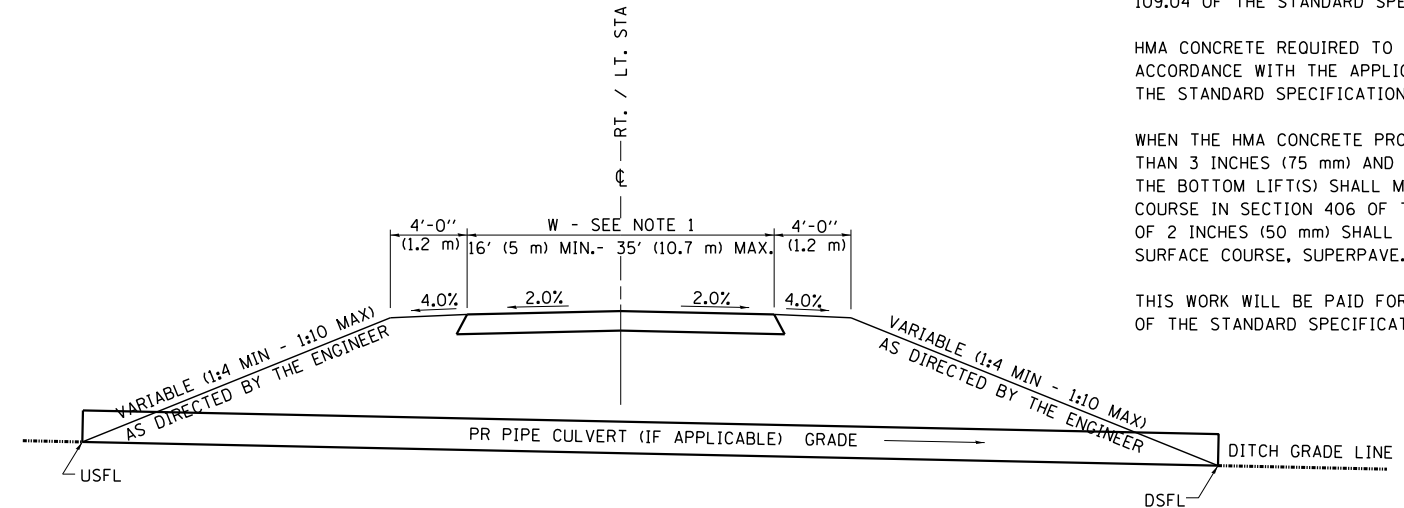
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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.

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

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



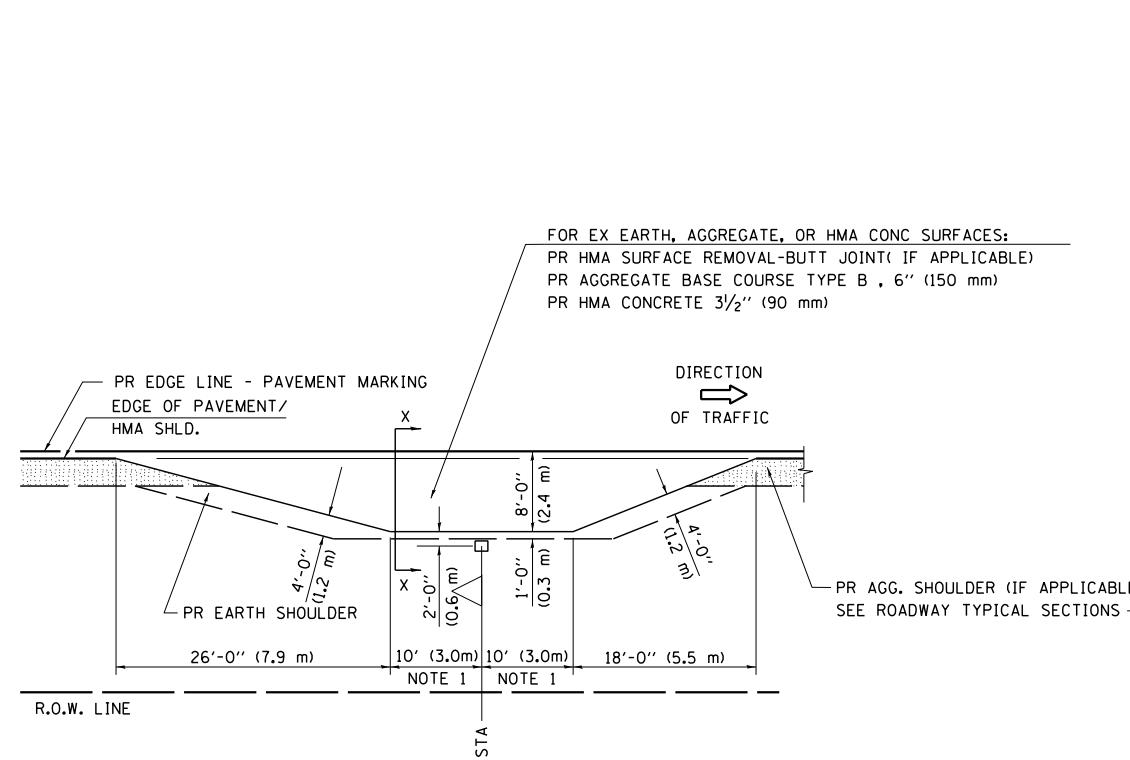
SECTION E-E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

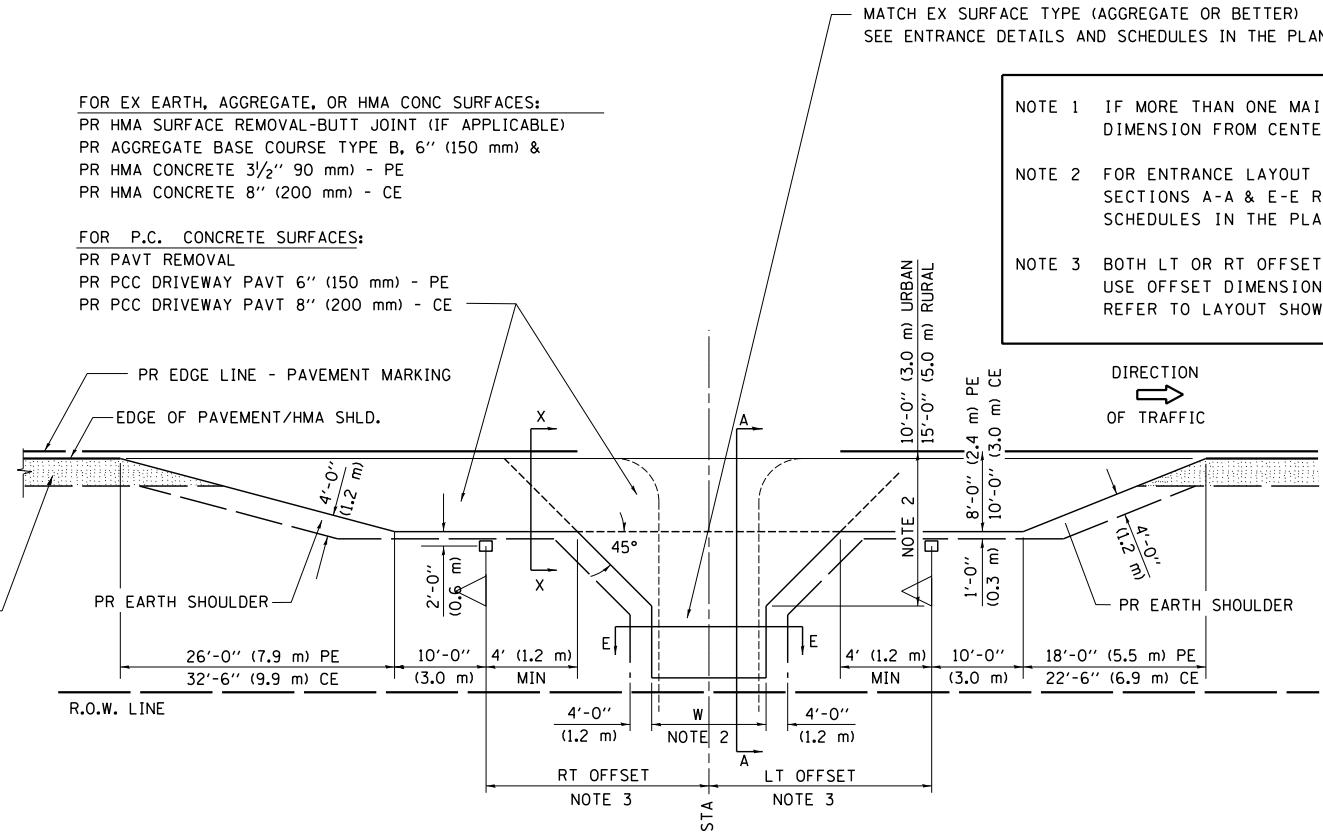
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = D672840-SHT-059-DETAILS-SPECIAL.DGN	USER NAME = notel	DESIGNED -	REVISED - 2/19/03 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 6 DETAILS FOR RURAL /URBAN ENTRANCE & MAILBOX TURNOUT W/O CONC GUTTER (3R - PROJECTS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000' / in.	DRAWN - CADD	REVISED - 4/01/04 (JCN)			558	118 (B-1, B-2, B-3)	PIKE	102	63	
	PLOT DATE = 12/15/2014	CHECKED - JCN	REVISED - 8/01/07 (JCN)			CONTRACT NO. 72840					
		DATE - FEBRUARY 23, 1999	REVISED - 01/2013			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.

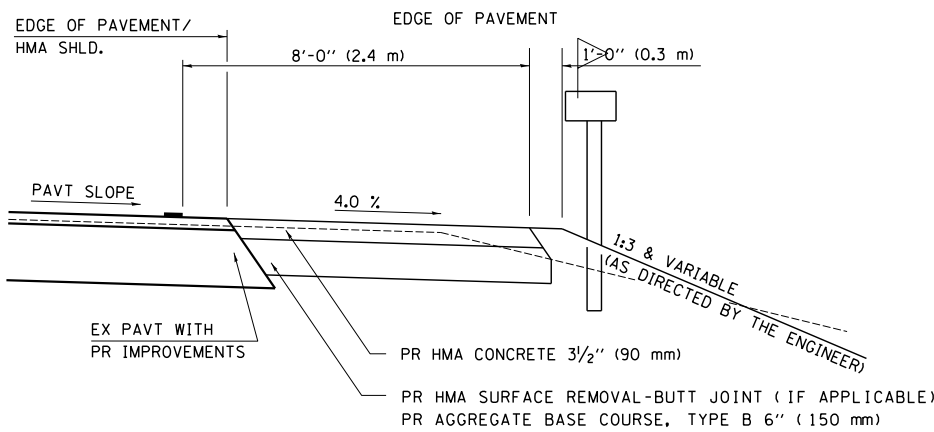
NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm) &
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

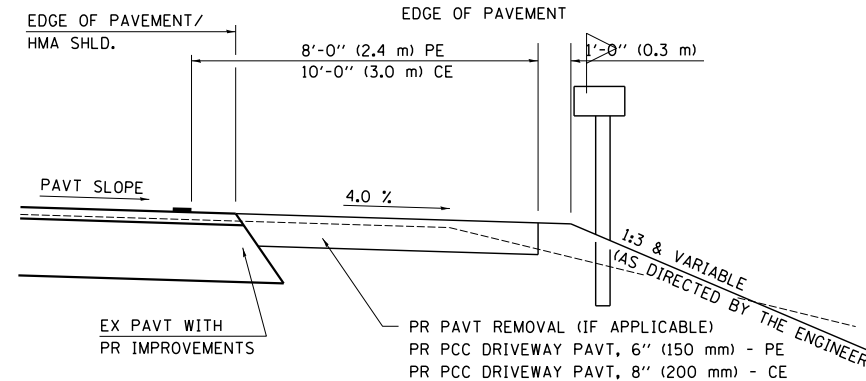
FOR P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT 8" (200 mm) - CE

FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm)
 PR HMA CONCRETE 3 1/2" (90 mm)

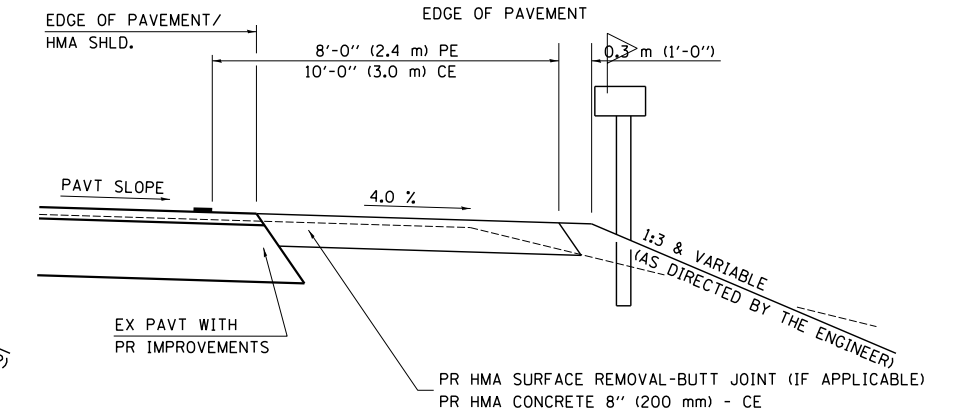
MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)
 SEE ENTRANCE DETAILS AND SCHEDULES IN THE PLANS



**SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
 EX EARTH, AGGREGATE, OR HMA PE & FE**



**SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX CONC PE OR CE**



**SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX EARTH, AGGREGATE, OR HMA CE**

FILE NAME = D672840-SHT-059-DETAILS-SPECIAL.DGN	USER NAME = notel	DESIGNED - DRAWN - CADD	REVISED - 2/19/03 (JCN) REVISED - 4/01/04 (JCN) REVISED - 8/01/07 (JCN)
Default	PLOT SCALE = 40.0000' / in. PLOT DATE = 12/15/2014	CHECKED - JCN DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 DETAILS FOR RURAL/URBAN ENTRANCE &
 MAILBOX TURNOUT W/O CONC GUTTER (3R - PROJECTS)**

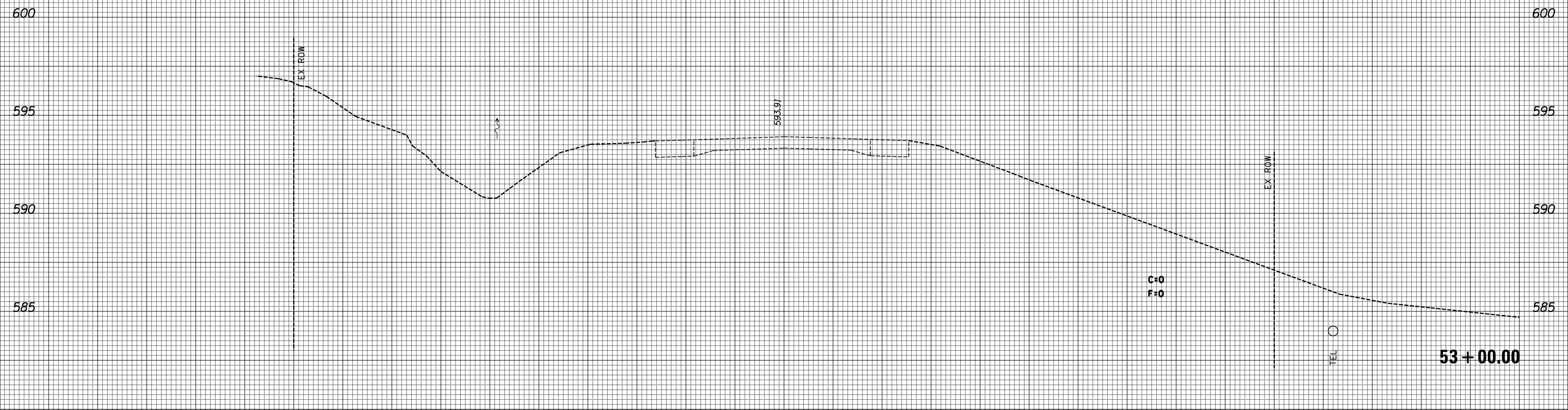
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72840	

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
NOTE BOOK	TEMPLATE AREAS CHECKED		

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



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 = D672840-SHT-065-XS-SN2503.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
 SN 075-2503**

SCALE: SHEET 1 OF 14 SHEETS STA. 53+00.00 TO STA. 53+00.00

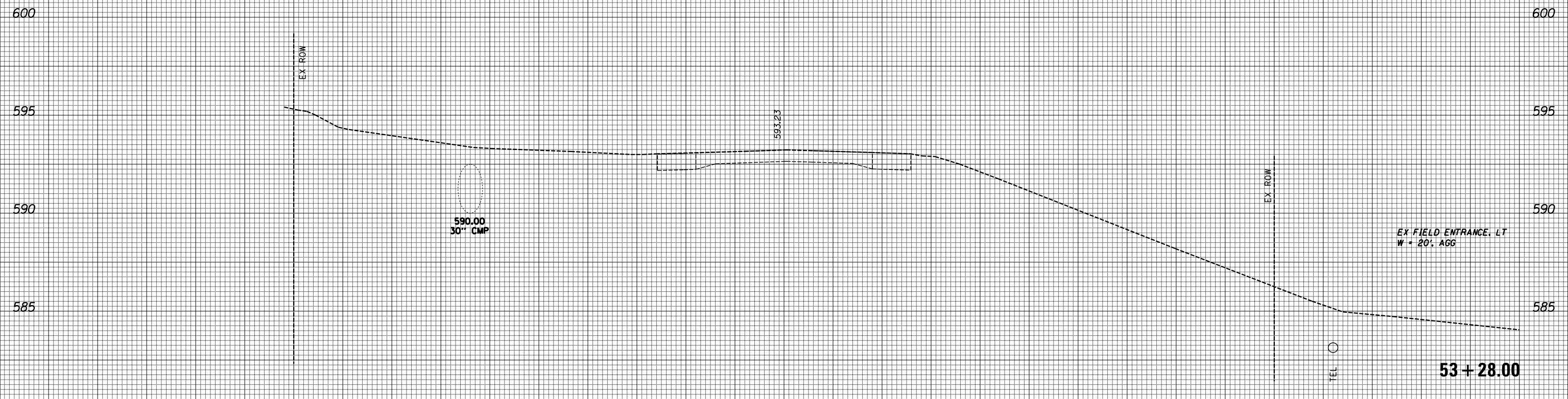
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	65
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT

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

BY	DATE

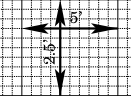
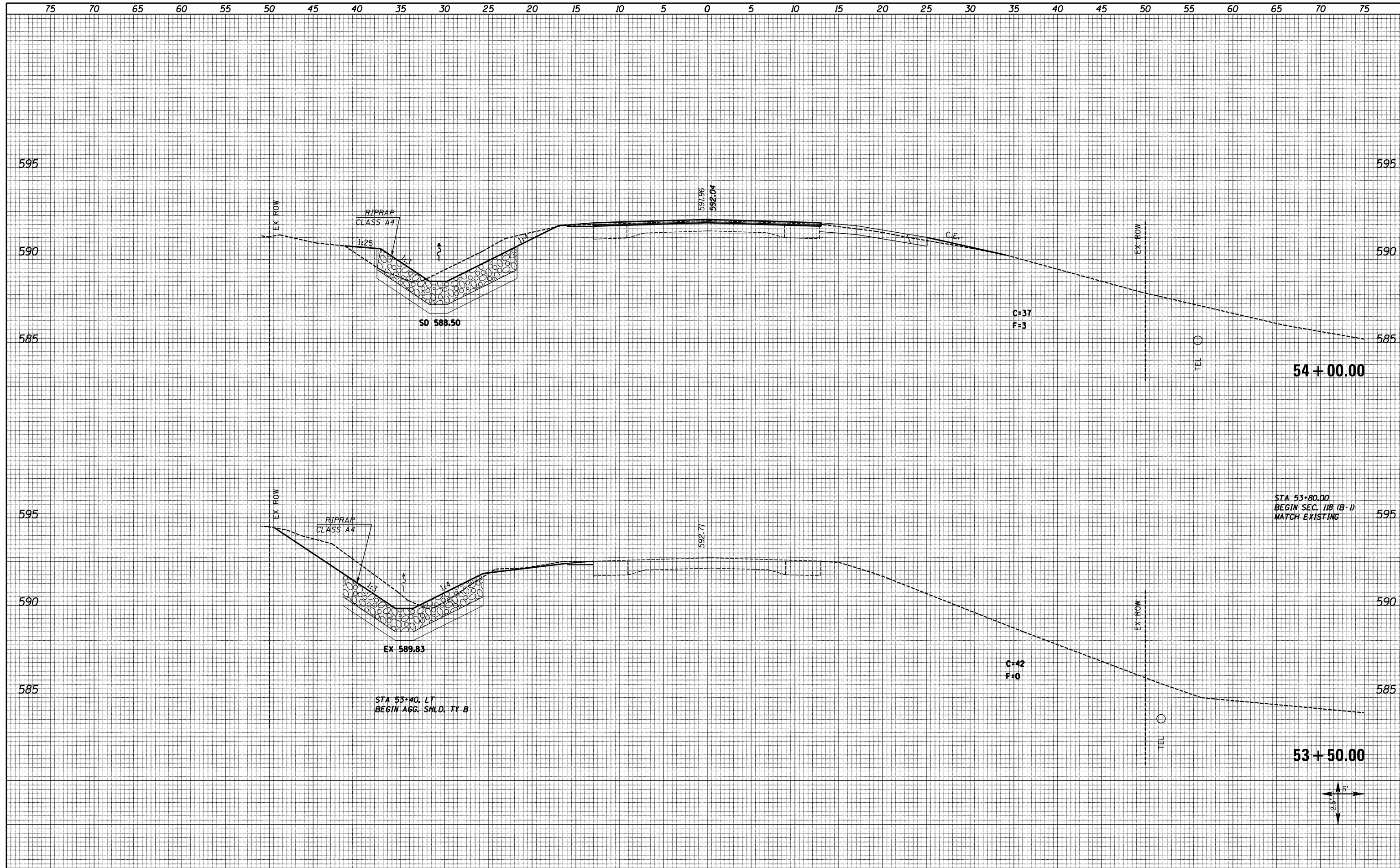
BY	DATE



FILE NAME = D672840-SHT-065-XS-SN2503.dgn	USER NAME = notel	DESIGNED -	REVISÉD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SN 075-2503				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISÉD -		SCALE:	SHEET 2	OF 14	SHEETS	STA. 53+28.00	TO STA. 53+28.00	118 (B-1, B-2, B-3)	PIKE	102	66
	PLOT DATE = 12/15/2014	CHECKED -	REVISÉD -		CONTRACT NO. 72840									
		DATE -	REVISÉD -		ILLINOIS FED. AID PROJECT									

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

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

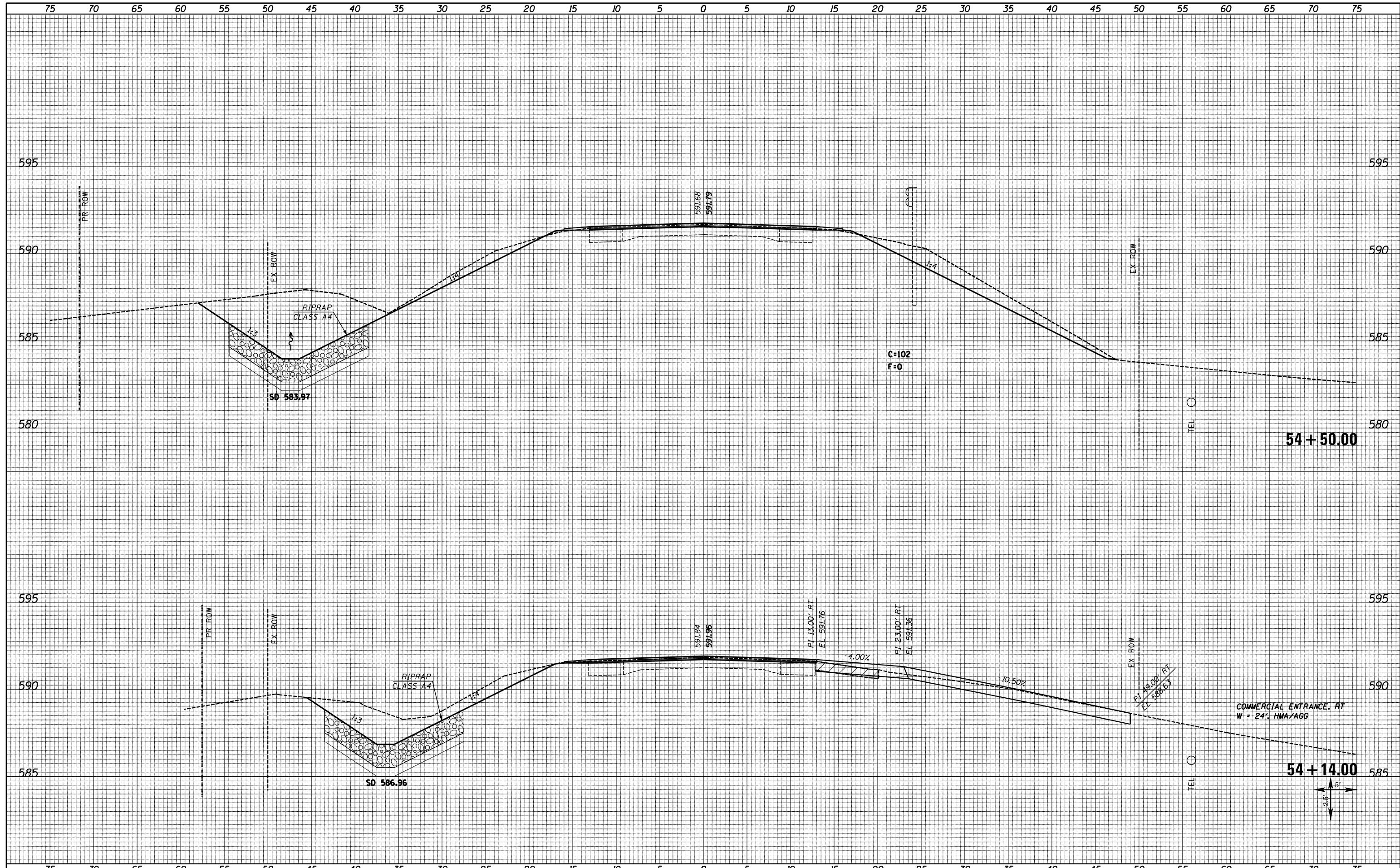


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Default	PLOT SCALE = 10.0000' / in.	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET 3	OF 14	SHEETS	STA. 53+50.00	TO STA. 54+00.00	118 (B-1, B-2, B-3)	PIKE	102	67
	PLOT DATE = 12/15/2014											CONTRACT NO. 72840		

ILLINOIS FED. AID PROJECT

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

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

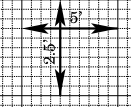
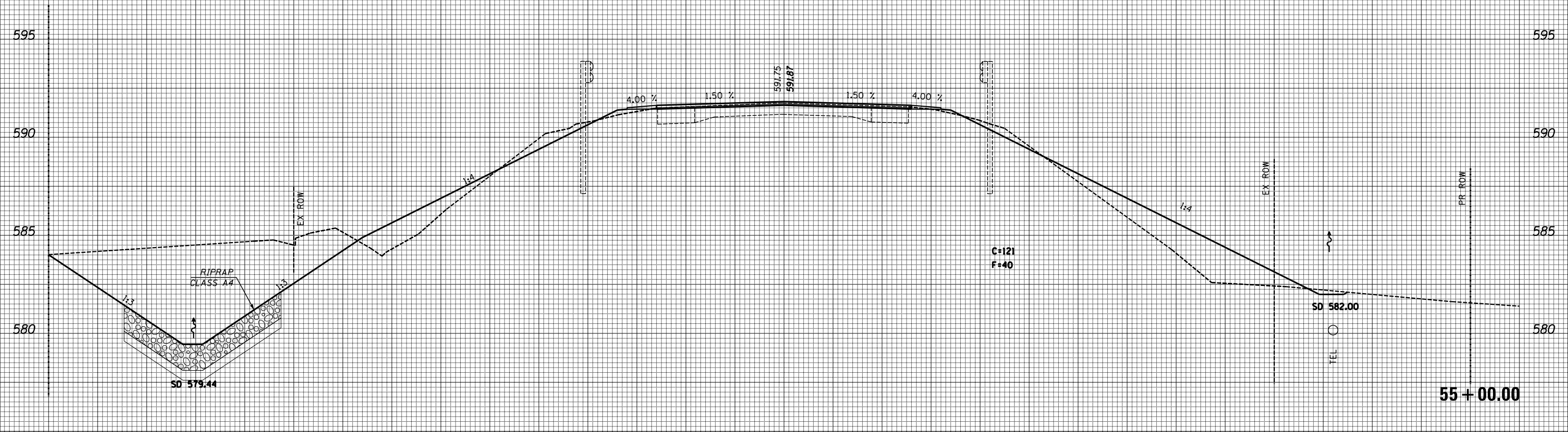


FILE NAME = D672840-SHT-065-XS-SN2503.dgn	USER NAME = notel	DESIGNED -	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SN 075-2503	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISÉ -			558	118 (B-1, B-2, B-3)	PIKE	102	68	
	PLOT DATE = 12/15/2014	CHECKED -	REVISÉ -			CONTRACT NO. 72840					
		DATE -	REVISÉ -			ILLINOIS FED. AID PROJECT					

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

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

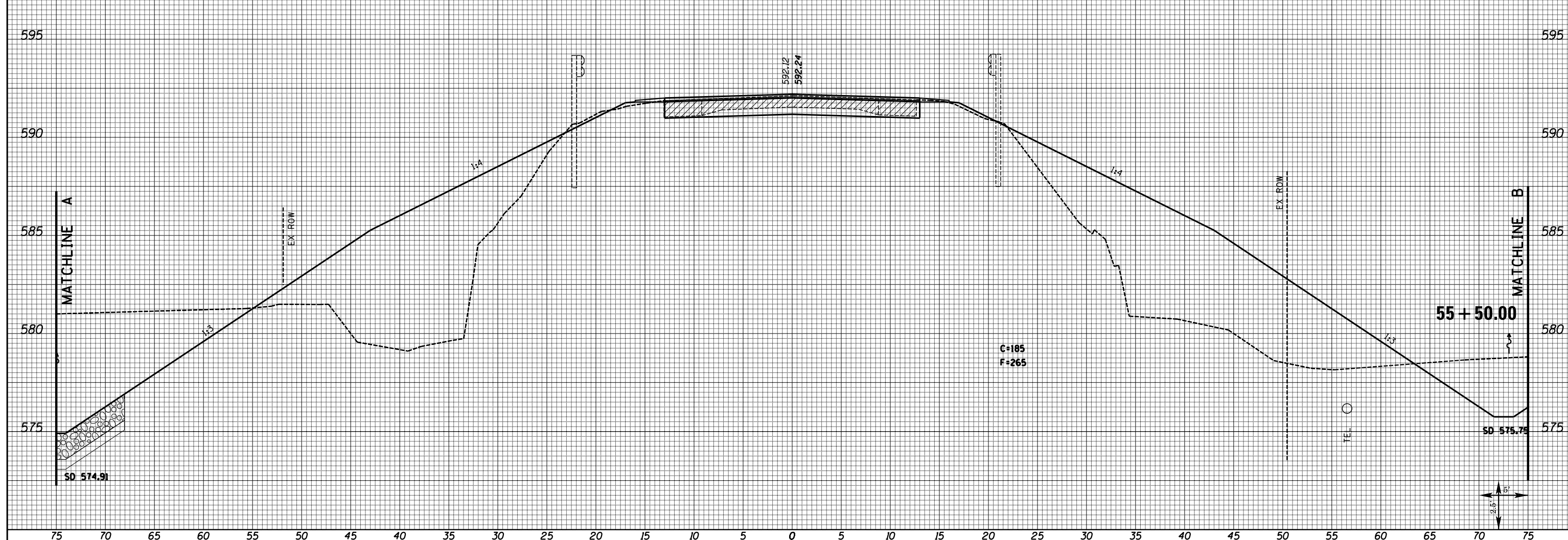
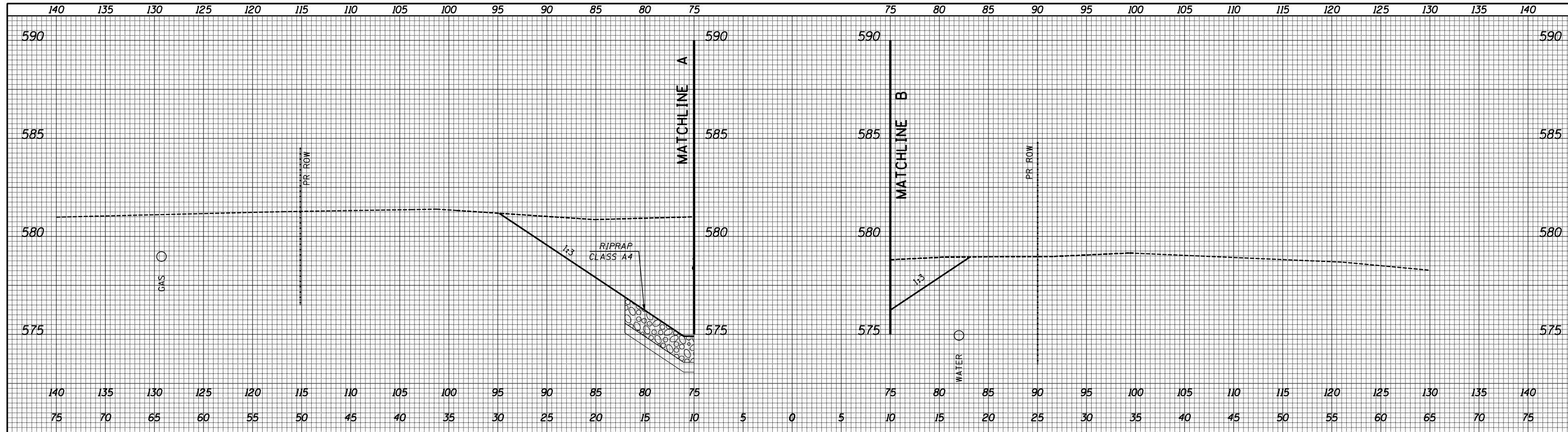
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ORIGINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



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Default	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -		SCALE:	SHEET 5	OF 14 SHEETS	STA. 55+00.00	TO STA. 55+00.00	CONTRACT NO. 72840		
	PLOT DATE = 12/15/2014	CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISD -									

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 = D672840-SHT-065-XS-SN2503.dgn
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USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

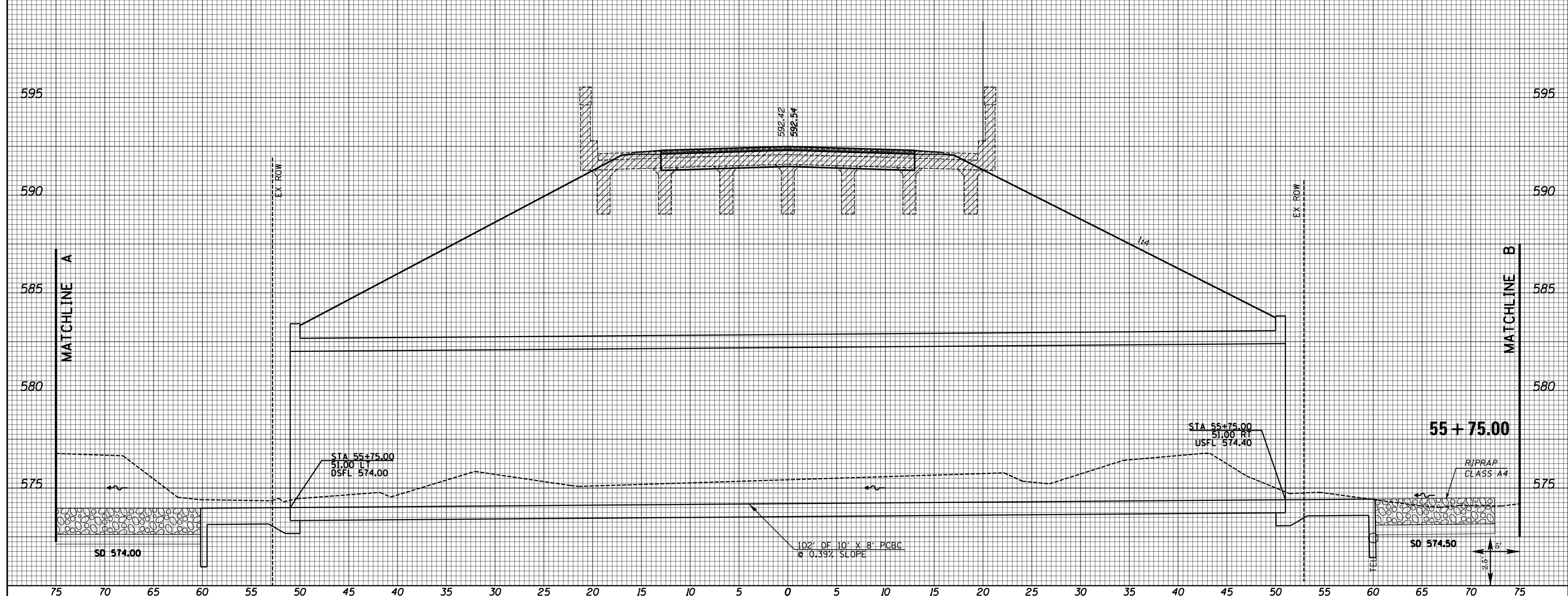
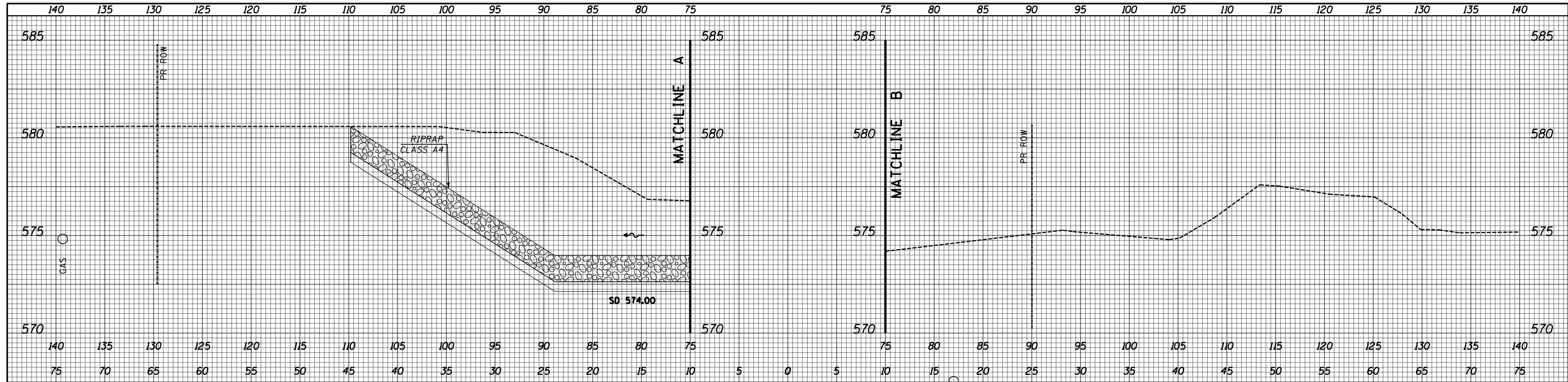
**CROSS SECTION
 SN 075-2503**

SCALE: SHEET 6 OF 14 SHEETS STA. 55+50.00 TO STA. 55+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	70
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
NOTED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME = D672840-SHT-065-XS-SN2503.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

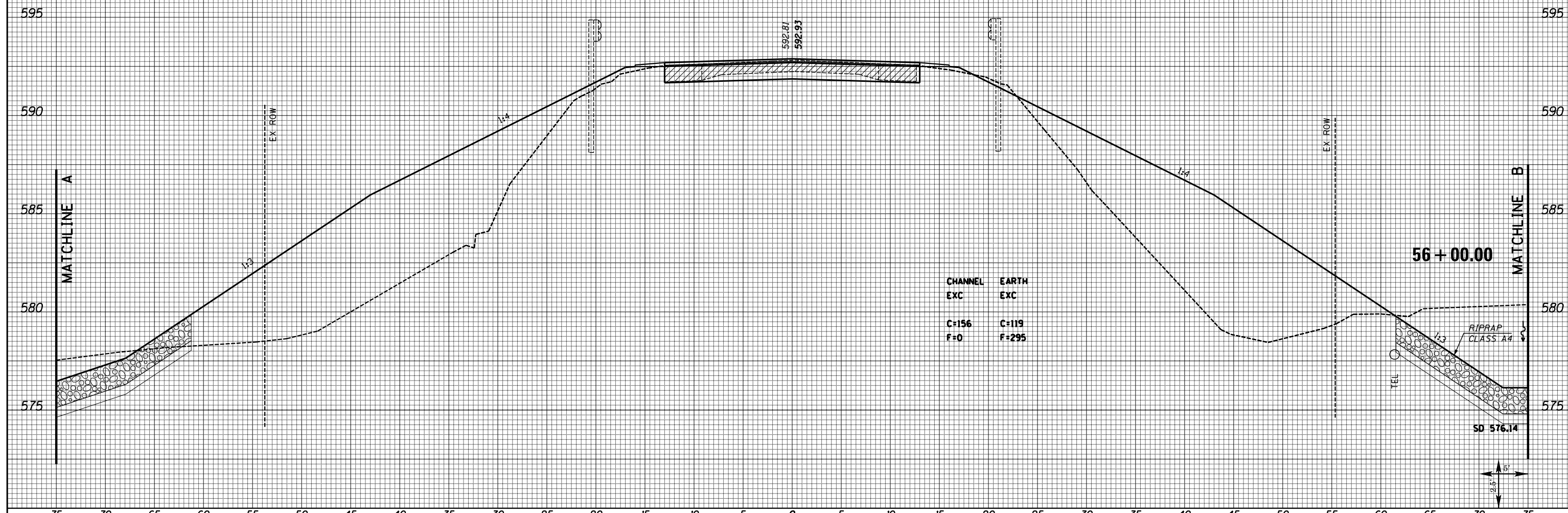
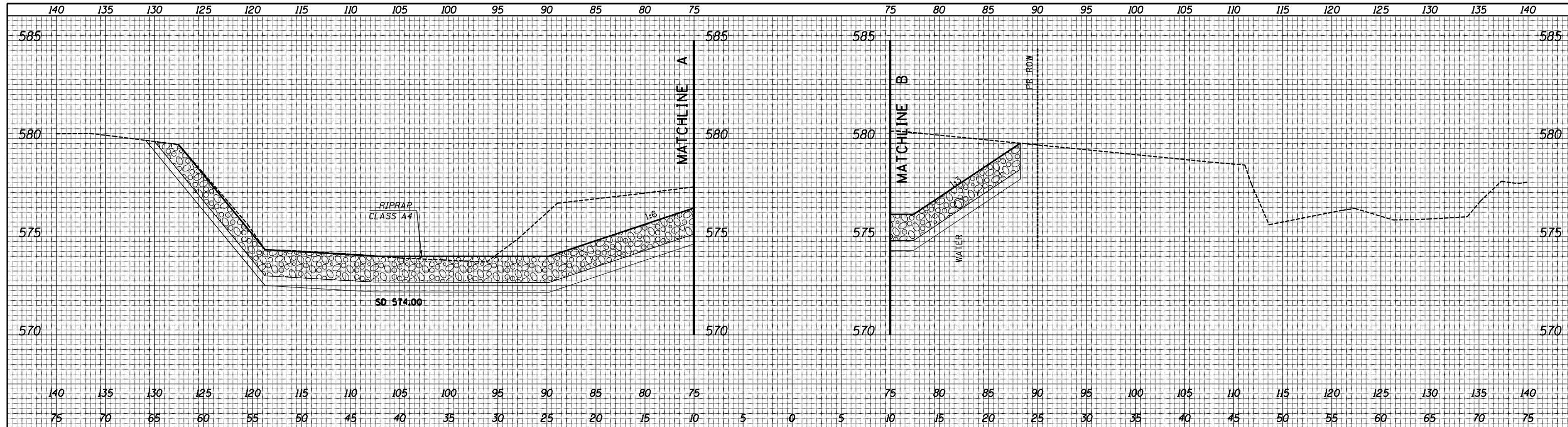
**CROSS SECTION
 SN 075-2503**

SCALE: SHEET 7 OF 14 SHEETS STA. 55+75.00 TO STA. 55+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	71
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

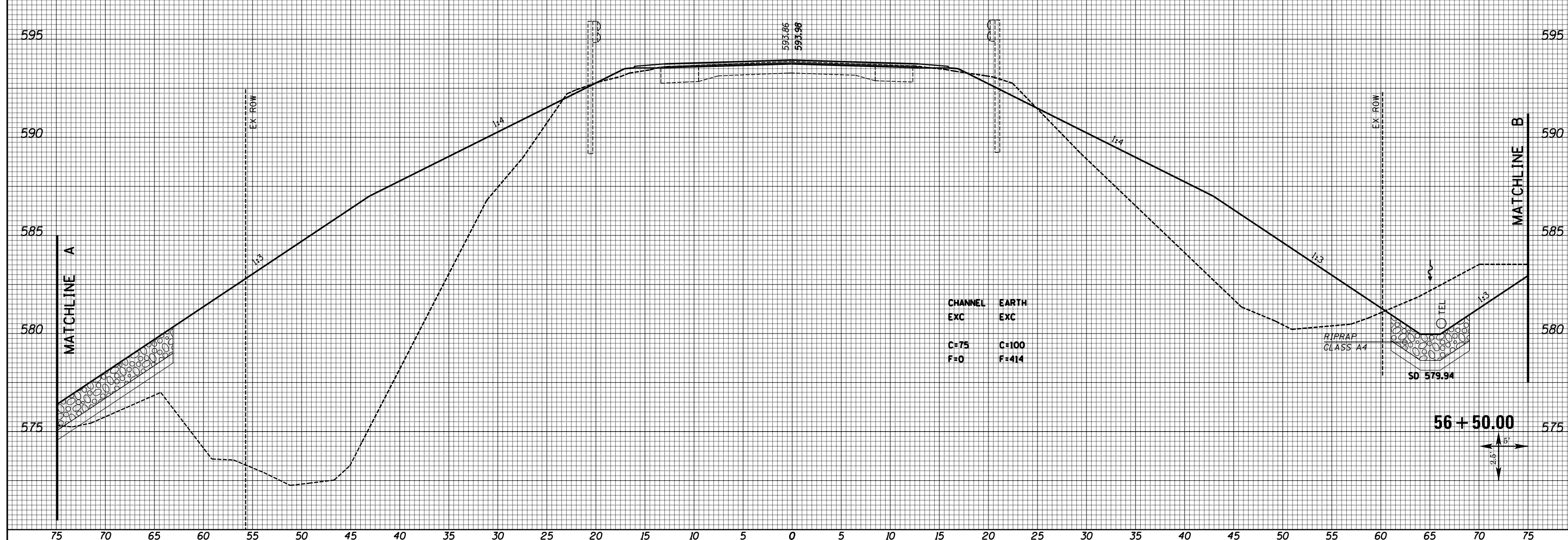
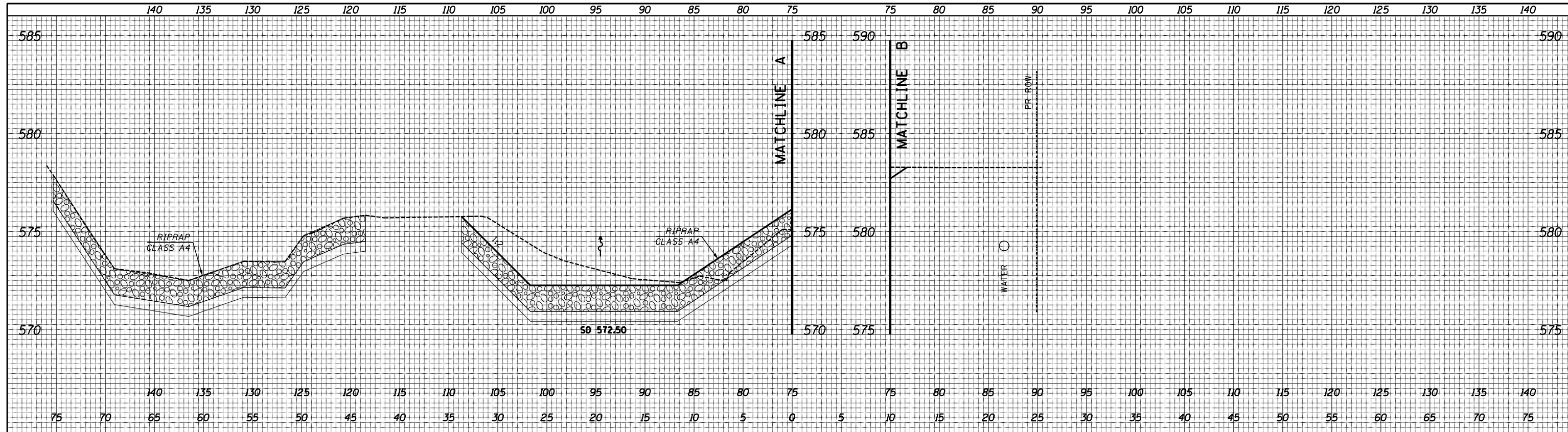
DATE _____
 BY _____
 ORIGINAL SURVEY _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____



FILE NAME = D672840-SHT-065-XS-SN2503.dgn	USER NAME = notel	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SN 075-2503				F.A.P. RTE. 558	SECTION 118 (B-1, B-2, B-3)	COUNTY PIKE	TOTAL SHEETS 102	SHEET NO. 72
Default	PLOT SCALE = 10.0000' / in.	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET 8	OF 14	SHEETS	STA. 56+00.00	TO STA. 56+00.00	CONTRACT NO. 72840		
	PLOT DATE = 12/15/2014				ILLINOIS FED. AID PROJECT								

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

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



CHANNEL	EARTH
EXC	EXC
C=75	C=100
F=0	F=414

FILE NAME = D672840-SHT-065-XS-SN2503.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

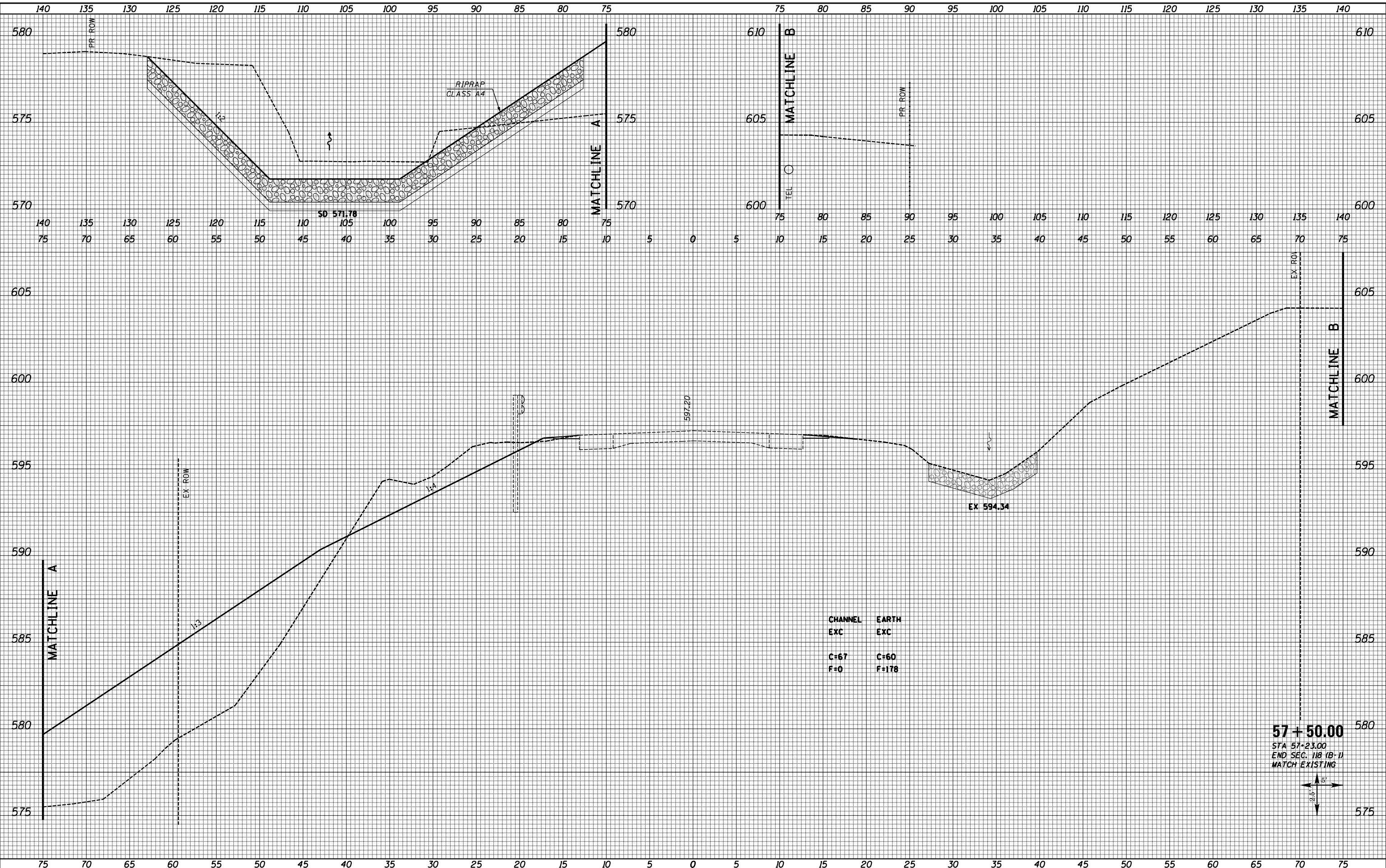
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
 SN 075-2503**

SCALE: SHEET 9 OF 14 SHEETS STA. 56+50.00 TO STA. 56+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	73
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



BY	DATE

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE

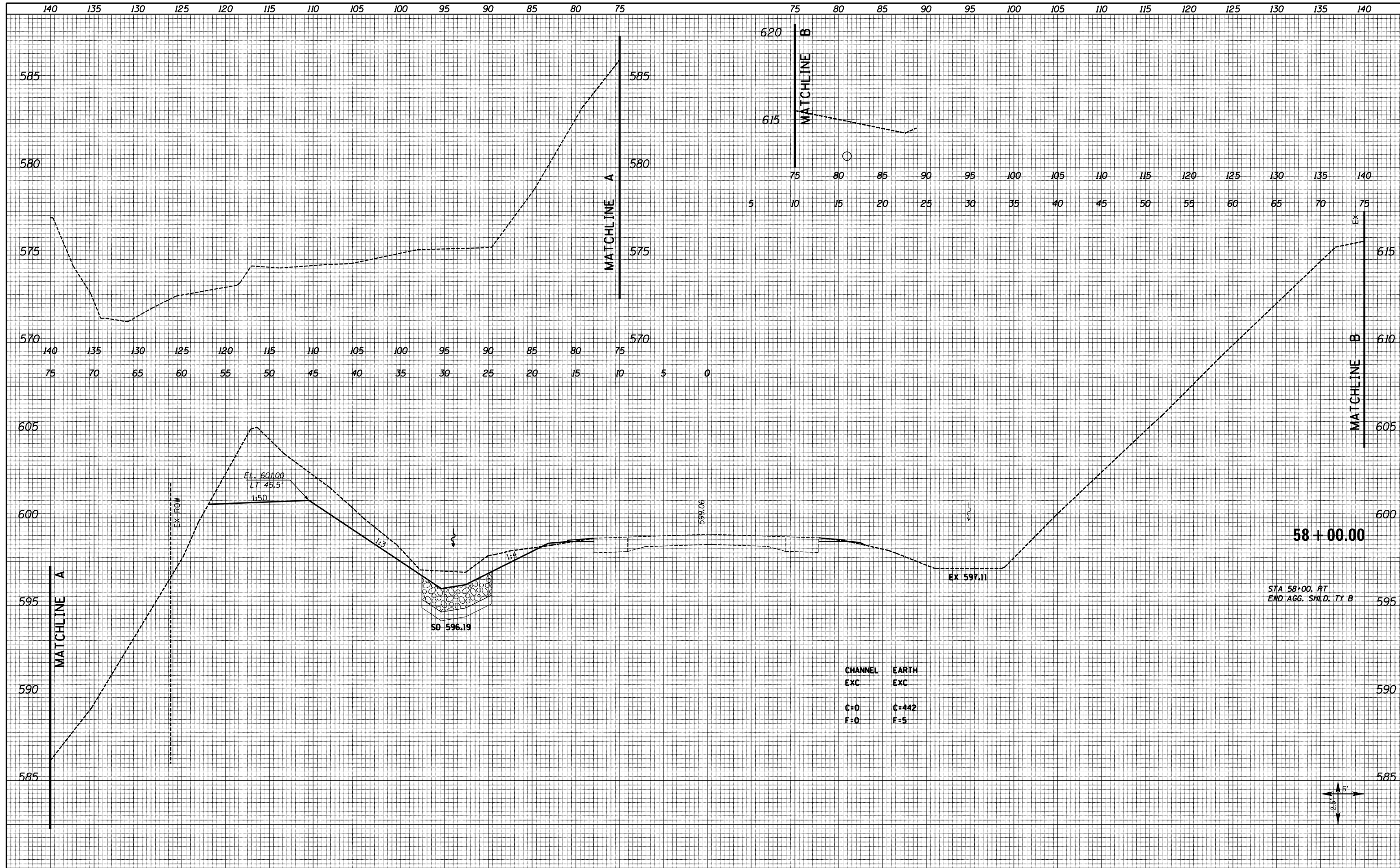
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

CHANNEL EXC	EARTH EXC
C=67	C=60
F=0	F=178

57 + 50.00
 STA 57+23.00
 END SEC. 118 (B-1)
 MATCH EXISTING

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = D672840-SHT-065-XS-SN2503.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

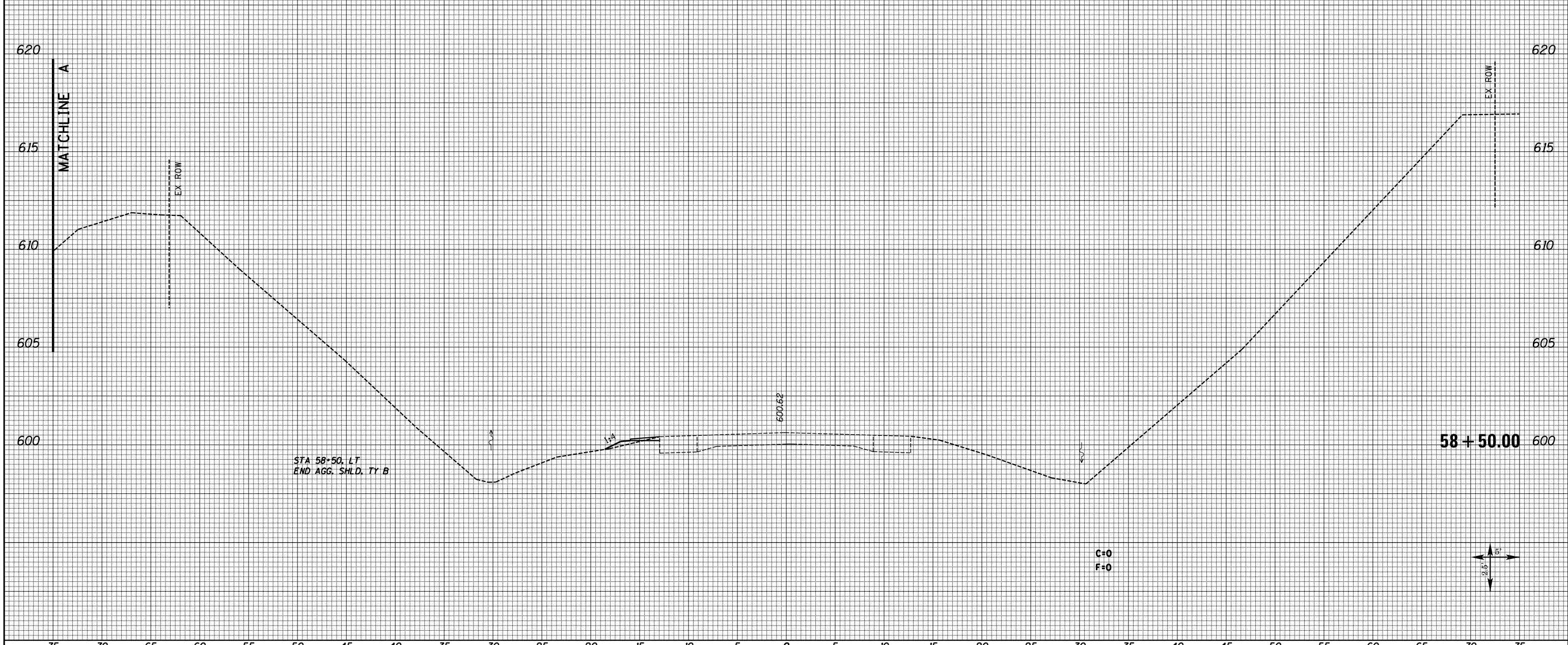
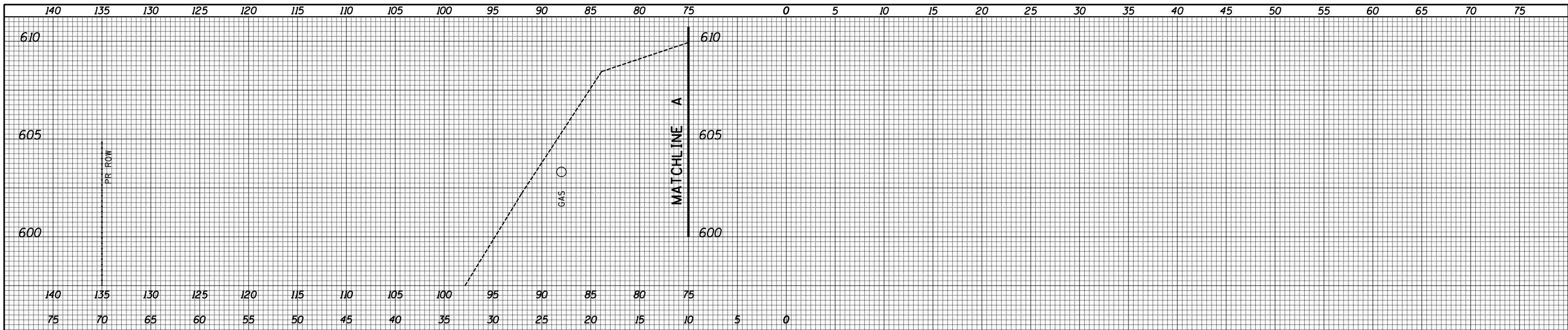
DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
SN 075-2503

SCALE: SHEET 12 OF 14 SHEETS STA. 58+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	76
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



BY	DATE

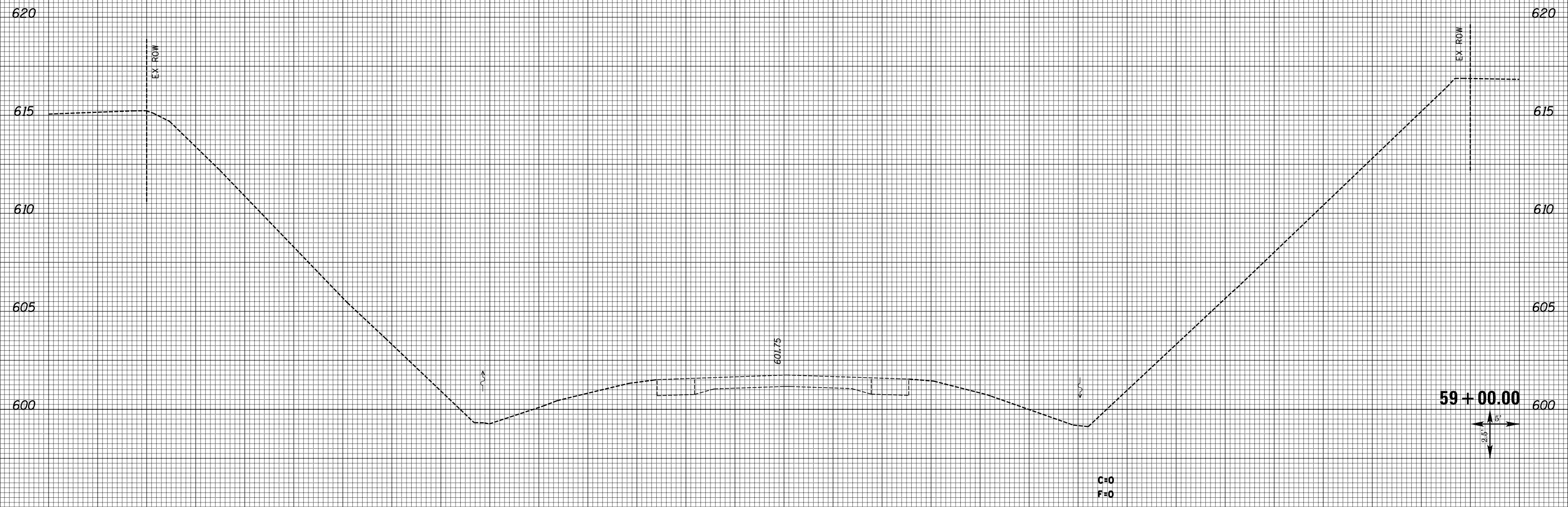
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

FILE NAME = D672840-SHT-065-XS-SN2503.dgn	USER NAME = notel	DESIGNED -	REVISÉ -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTION SN 075-2503</p> <p>SCALE: SHEET 13 OF 14 SHEETS STA. 58+50.00 TO STA. 58+50.00</p>	F.A.P. RTE. 558	SECTION 118 (B-1, B-2, B-3)	COUNTY PIKE	TOTAL SHEETS 102	SHEET NO. 77
Default	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISÉ -		CONTRACT NO. 72840				
	PLOT DATE = 12/15/2014	CHECKED -	REVISÉ -		ILLINOIS FED. AID PROJECT				
		DATE -	REVISÉ -						

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

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

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ORIGINAL SURVEY NO.	
SURVEYED PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = D672840-SHT-065-XS-SN2503.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
 SN 075-2503**

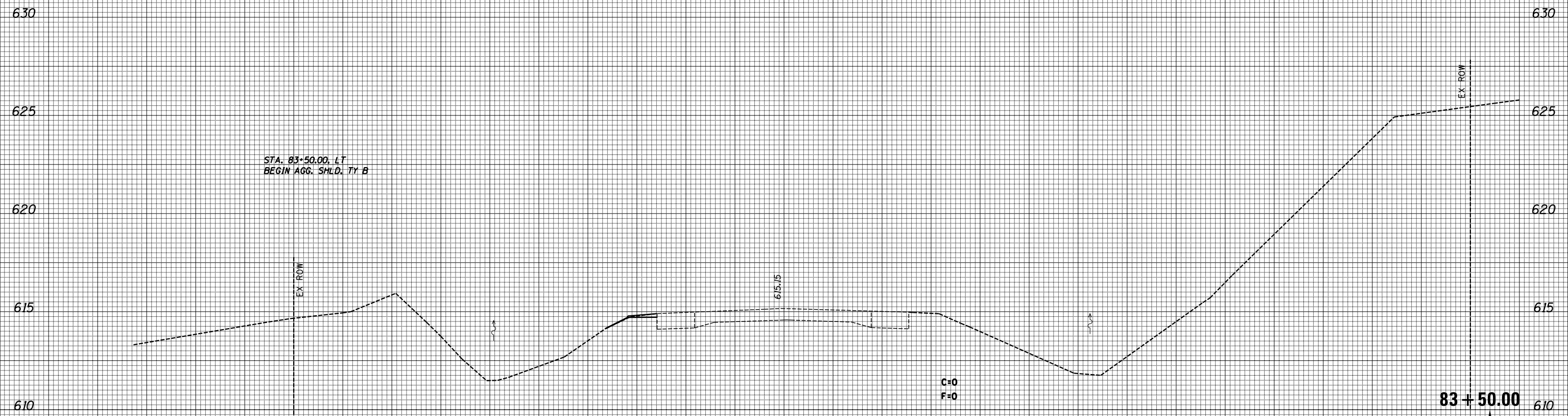
SCALE: SHEET 14 OF 14 SHEETS STA. 59+00.00 TO STA. 59+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	78
CONTRACT NO. 72840			ILLINOIS FED. AID PROJECT	

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
NOTE BOOK	TEMPLATE AREAS CHECKED		

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



FILE NAME = D672840-SHT-079-XS-SN2504.dgn

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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SN 075-2504**

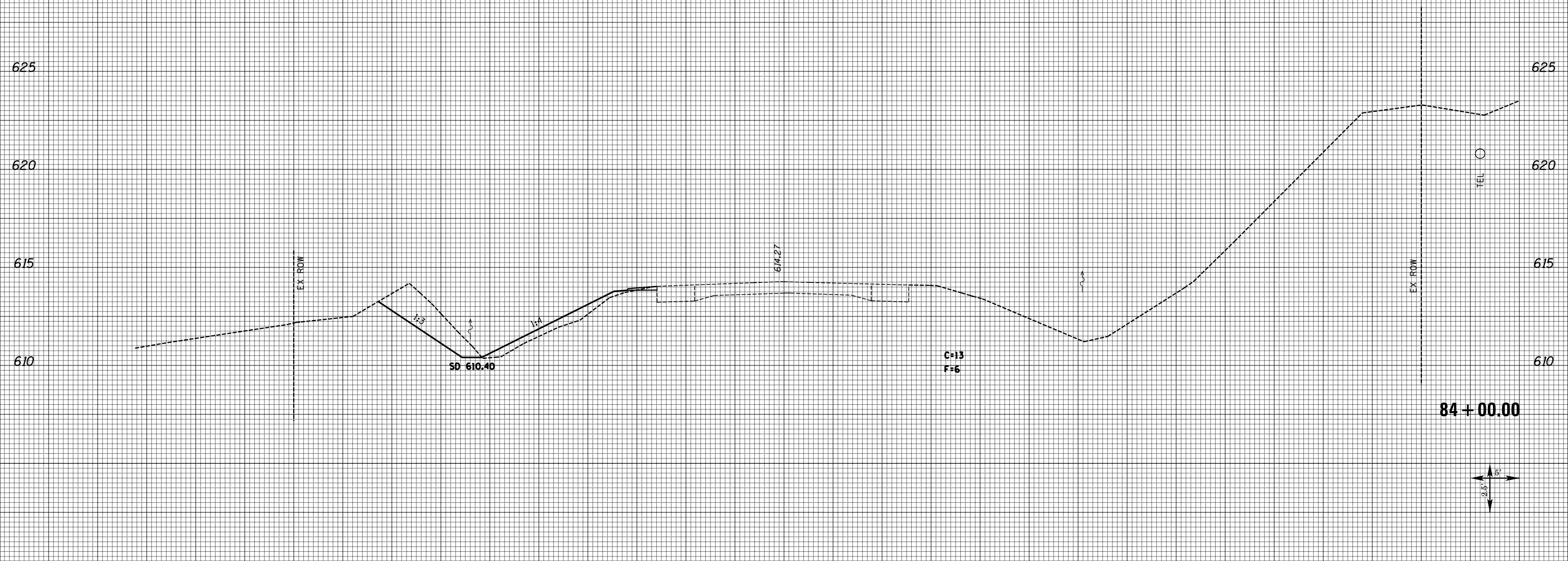
SCALE: SHEET 1 OF 17 SHEETS STA. 83+50.00 TO STA. 83+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	79
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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

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PLOTTED	
TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
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 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 2 OF 17 SHEETS STA. 84+00.00 TO STA. 84+00.00

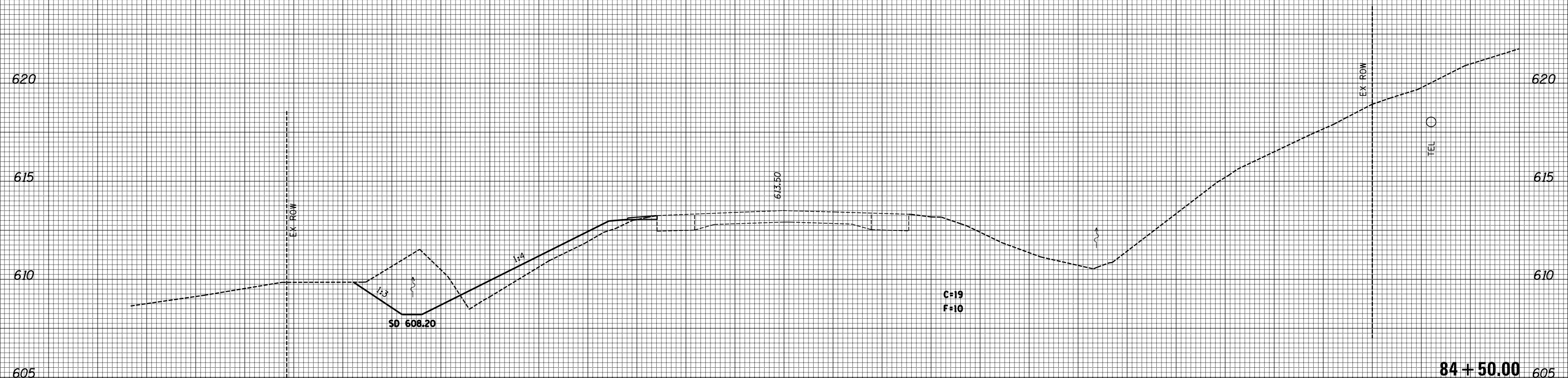
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	80
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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

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

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS
	CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



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FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -
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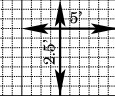
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 3 OF 17 SHEETS STA. 84+50.00 TO STA. 84+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	81
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

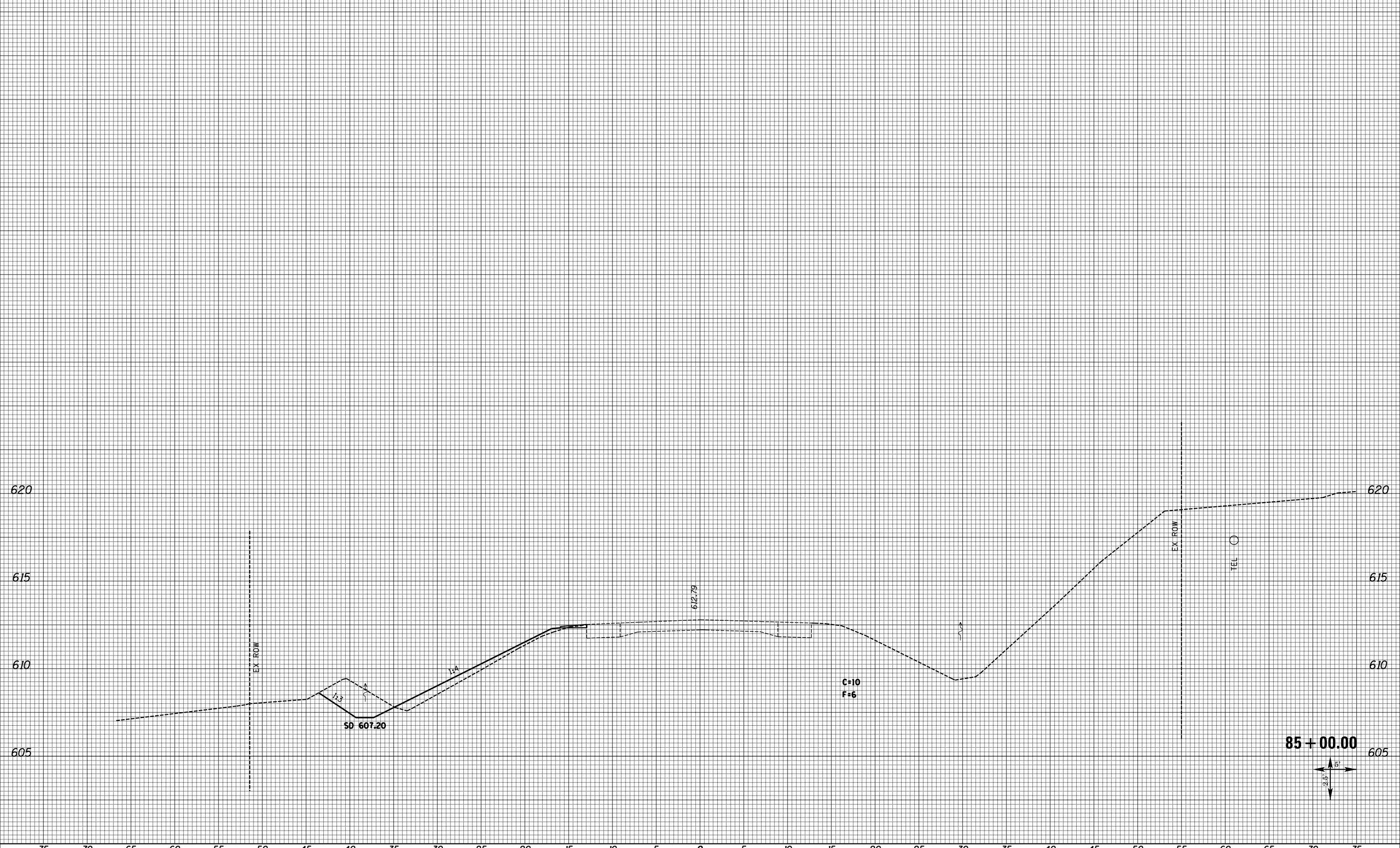
84 + 50.00



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	BY	DATE
	NOTE BOOK		
	TEMPLATE AREAS CHECKED		
	AREAS CHECKED		

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



FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SN 075-2504**

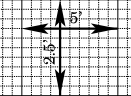
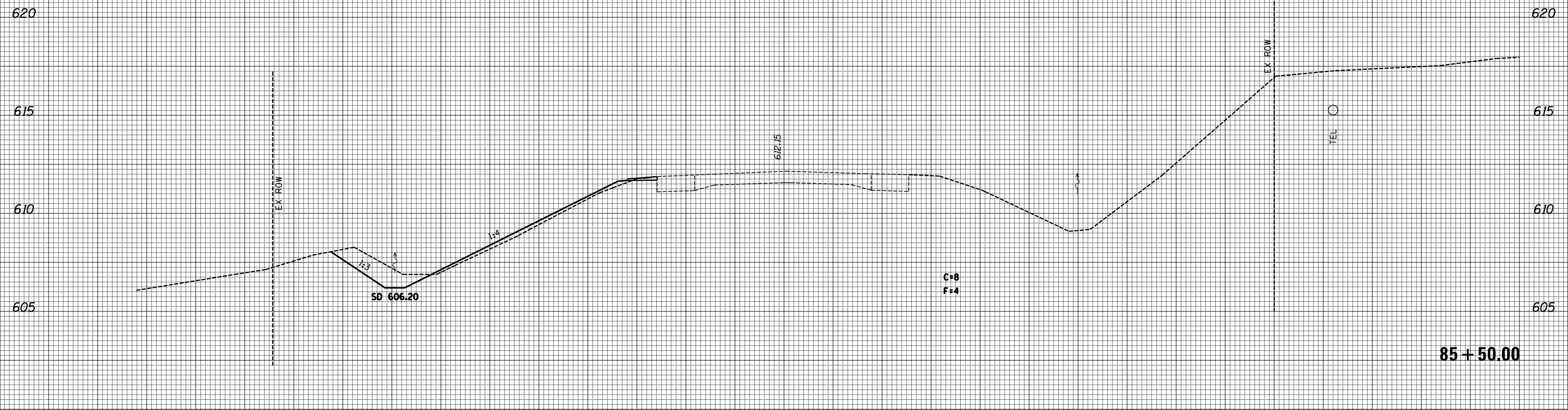
SCALE: SHEET 4 OF 17 SHEETS STA. 85+00.00 TO STA. 85+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	82
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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
NOTE BOOK	TEMPLATE		

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



FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

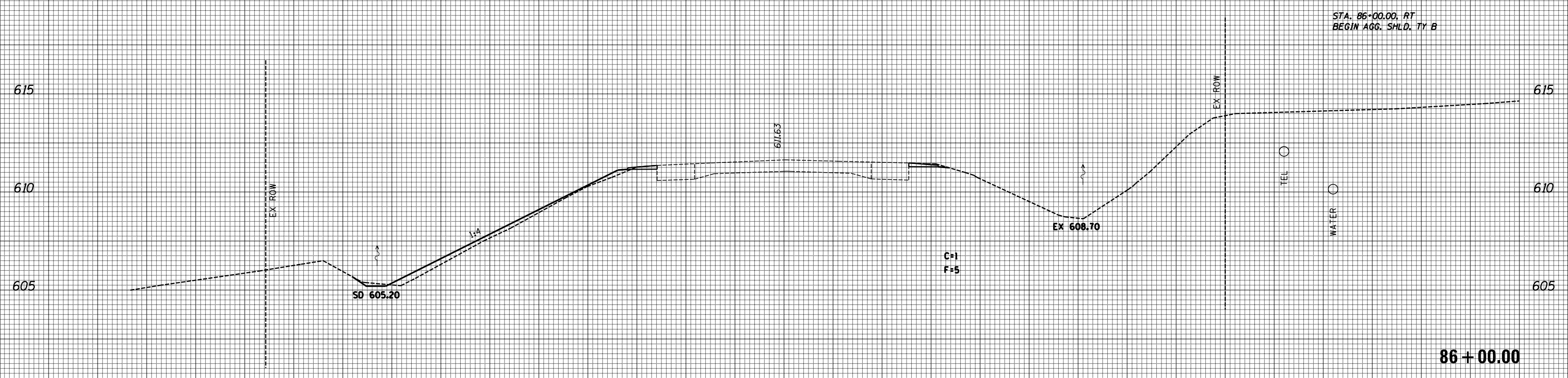
SCALE: SHEET 5 OF 17 SHEETS STA. 85+50.00 TO STA. 85+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	83
CONTRACT NO. 72840				
<small>ILLINOIS FED. AID PROJECT</small>				

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

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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



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 =
D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
PLOT SCALE = 10.0000' / in.
PLOT DATE = 12/15/2014

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

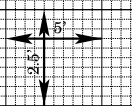
**CROSS SECTIONS
SN 075-2504**

SCALE: SHEET 6 OF 17 SHEETS STA. 86+00.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	84
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT

86 + 00.00

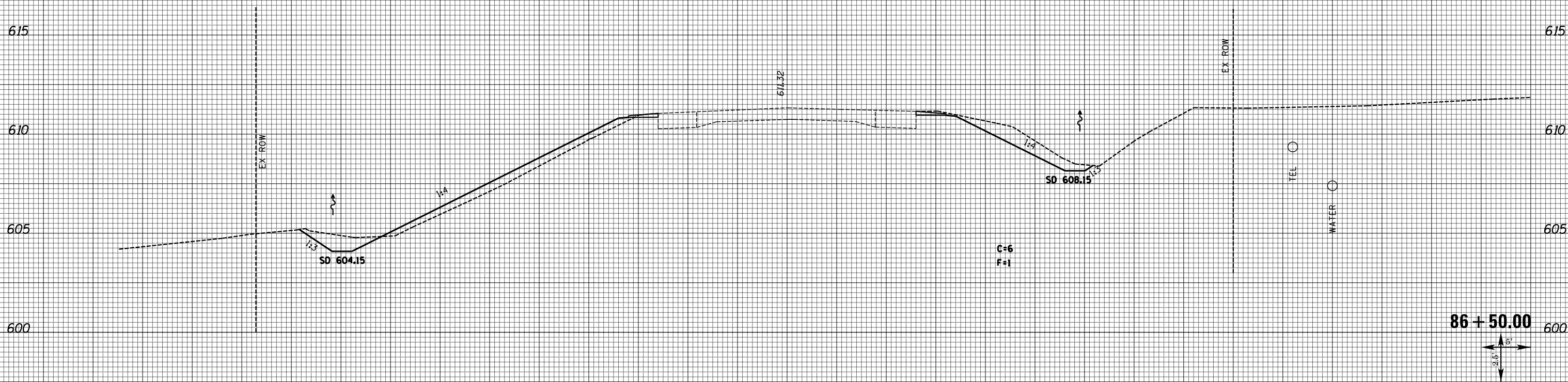


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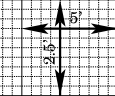
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

STA. 86+90.00
 BEGIN SEC. 118 (B-2)
 MATCH EXISTING



86 + 50.00



FILE NAME =
 D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 7 OF 17 SHEETS STA. 86+50.00 TO STA. 86+50.00

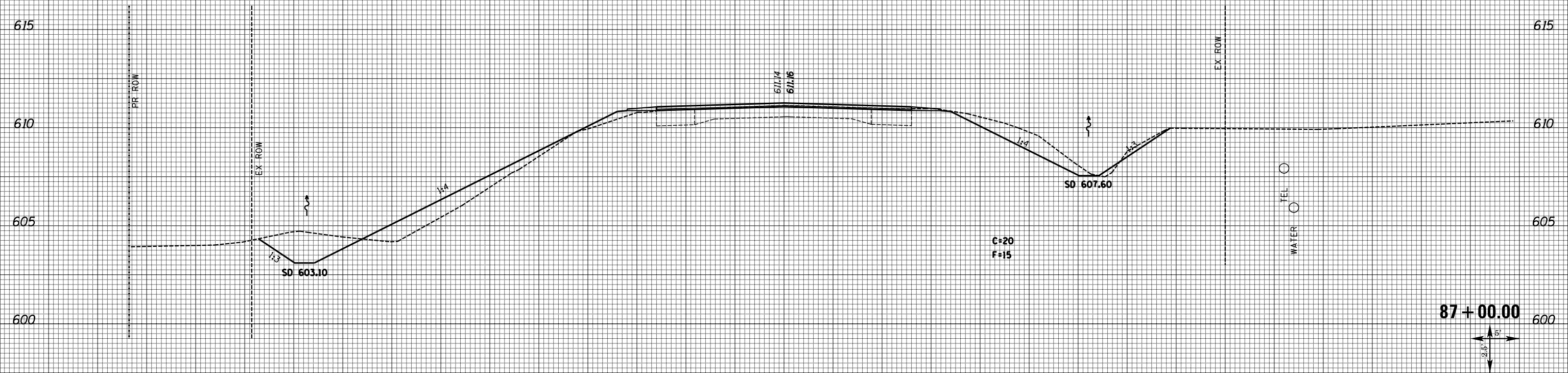
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	85
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT

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
NOTE BOOK	TEMPLATE AREAS CHECKED		

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



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FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 8 OF 17 SHEETS STA. 87+00.00 TO STA. 87+00.00

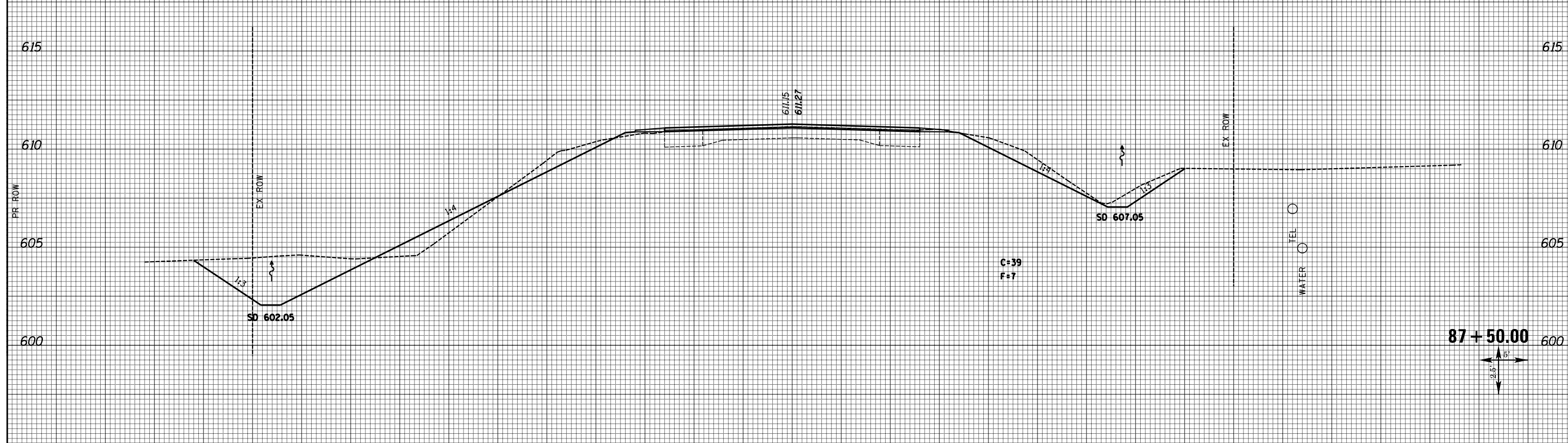
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	86
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT

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

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

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



FILE NAME = D672840-SHT-079-XS-SN2504.dgn

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PLOT DATE = 12/15/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SN 075-2504**

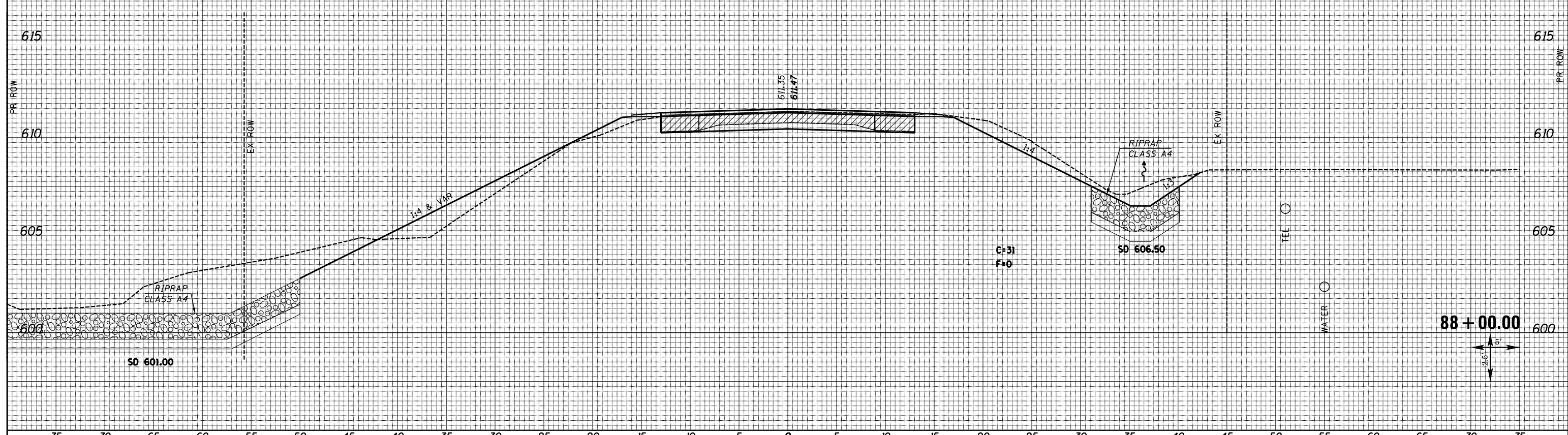
SCALE: SHEET 9 OF 17 SHEETS STA. 87+50.00 TO STA. 87+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	87
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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 TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
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 PLOT DATE = 12/15/2014

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

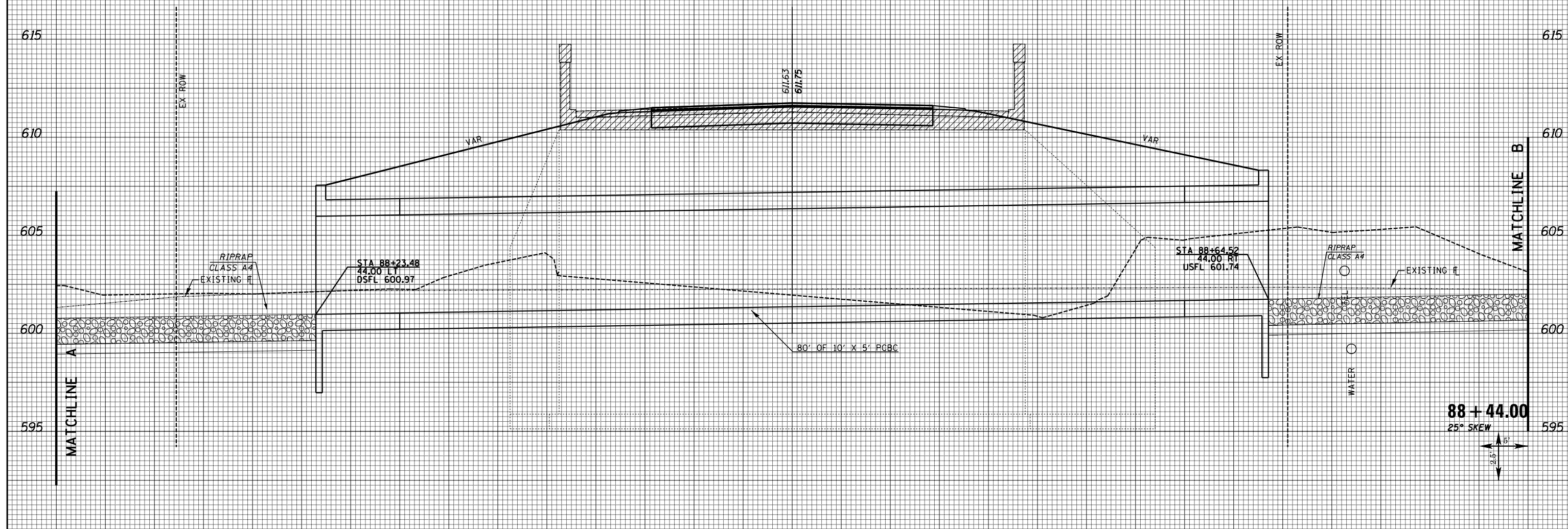
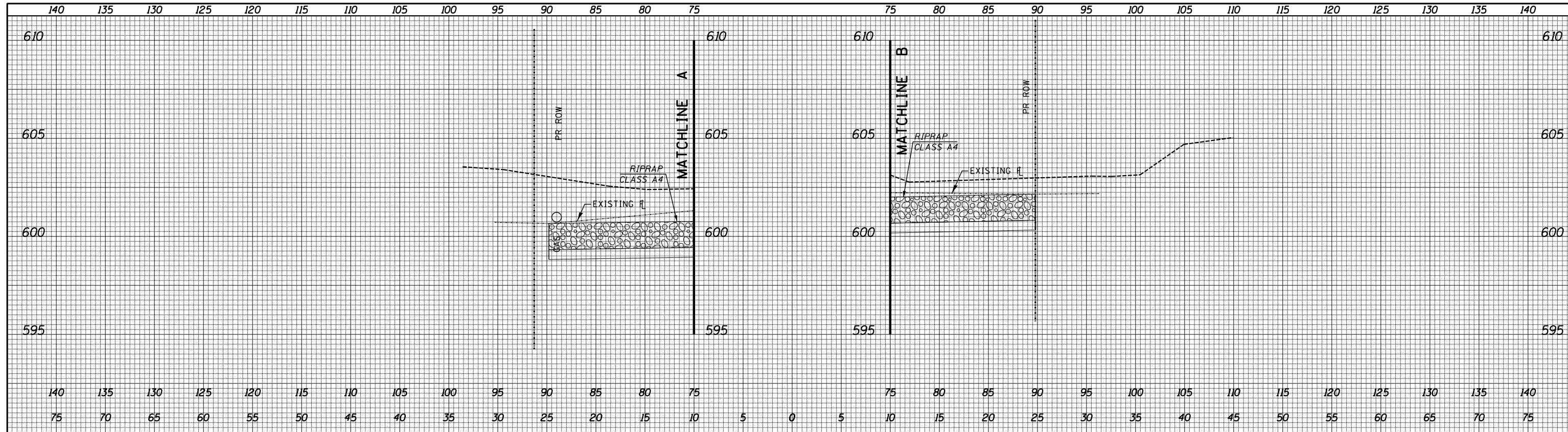
**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 10 OF 17 SHEETS STA. 88+00.00 TO STA. 88+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	88
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
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FILE NAME = D672840-SHT-079-XS-SN2504.dgn

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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SN 075-2504**

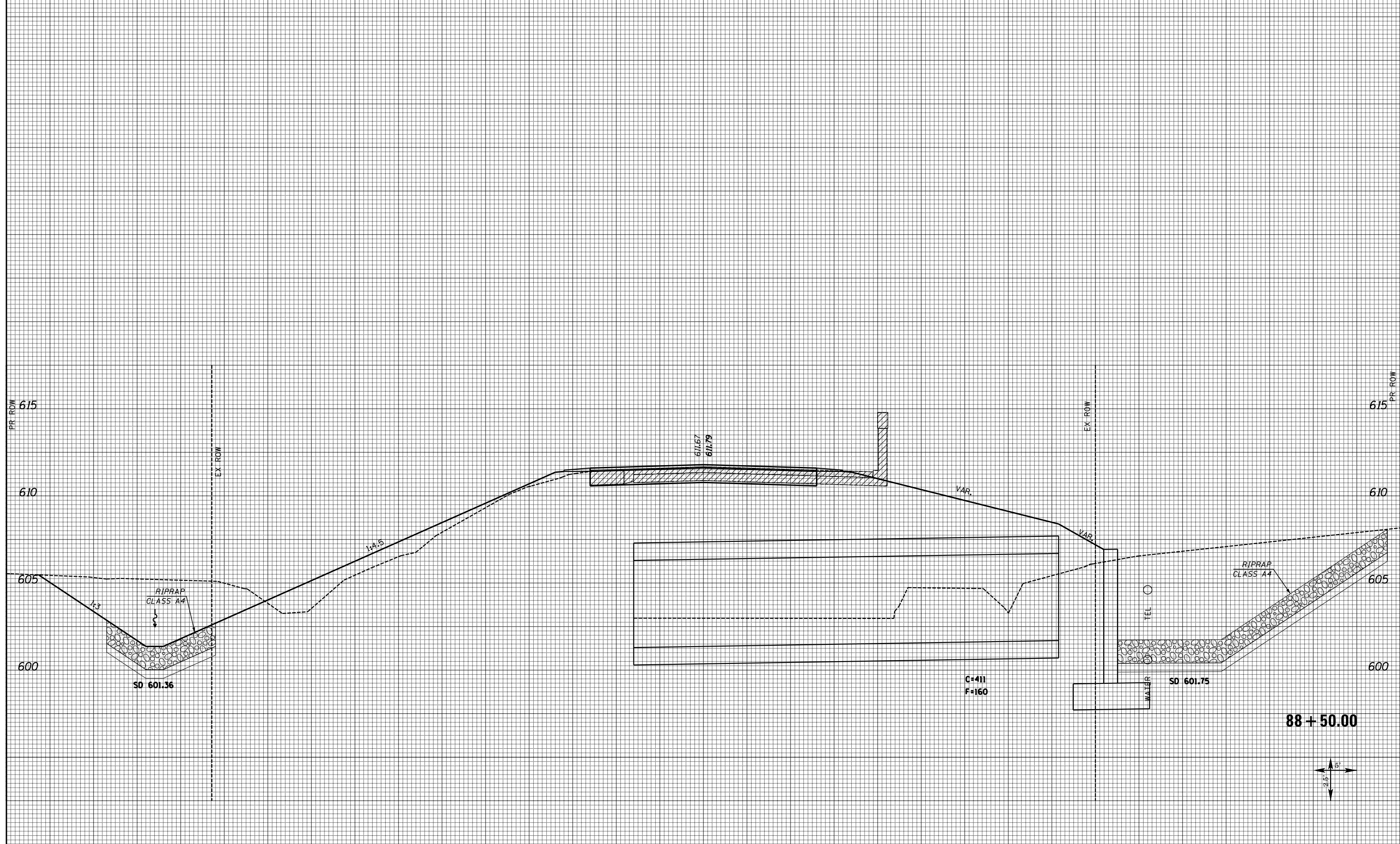
SCALE: SHEET 11 OF 17 SHEETS STA. 88+44.00 TO STA. 88+44.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	89
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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

BY	DATE
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED

BY	DATE
ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED



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

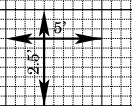
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 12 OF 17 SHEETS STA. 88+50.00 TO STA. 88+50.00

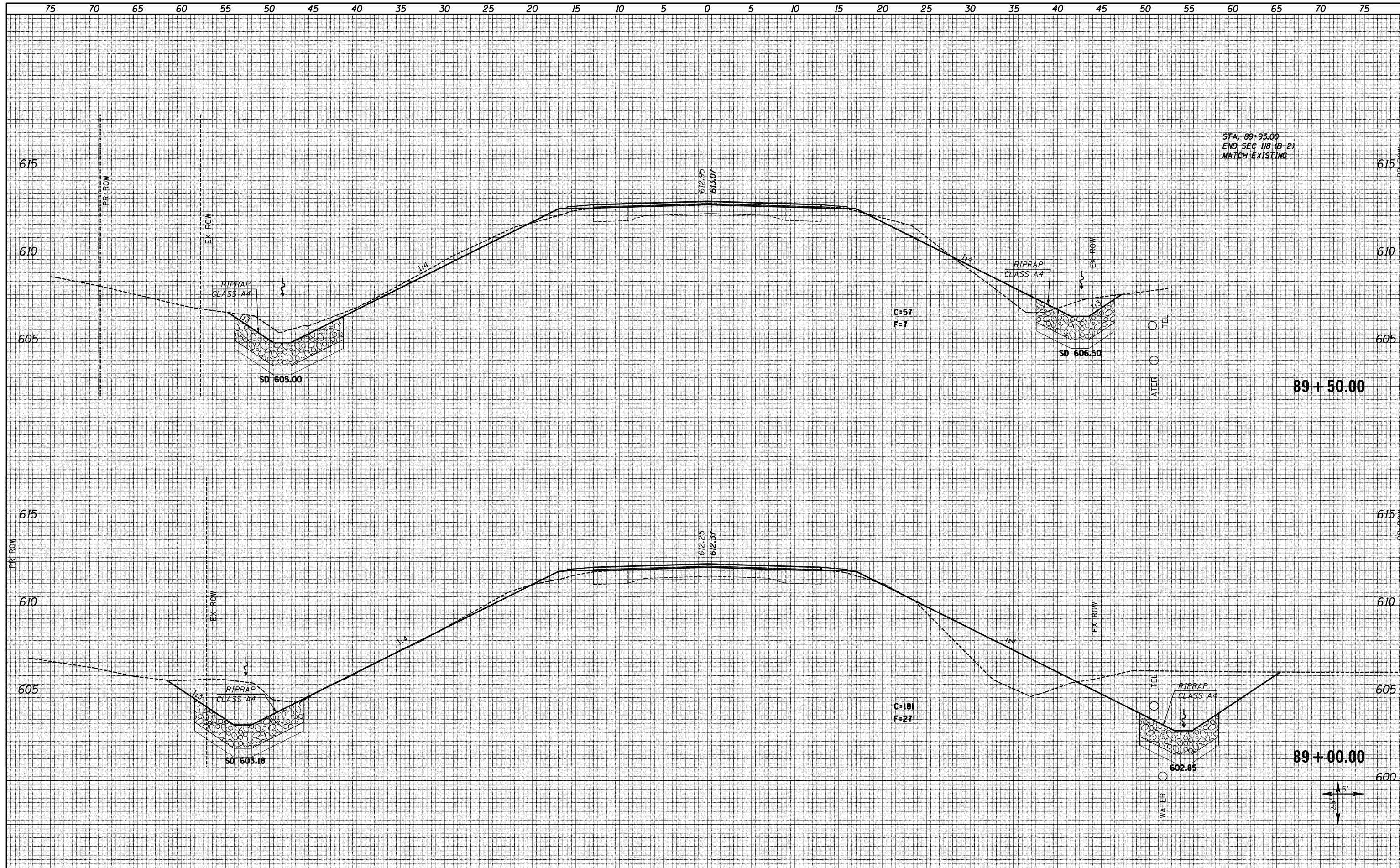
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	90
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

88 + 50.00



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

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



STA. 89+93.00
END SEC 118 (B-2)
MATCH EXISTING

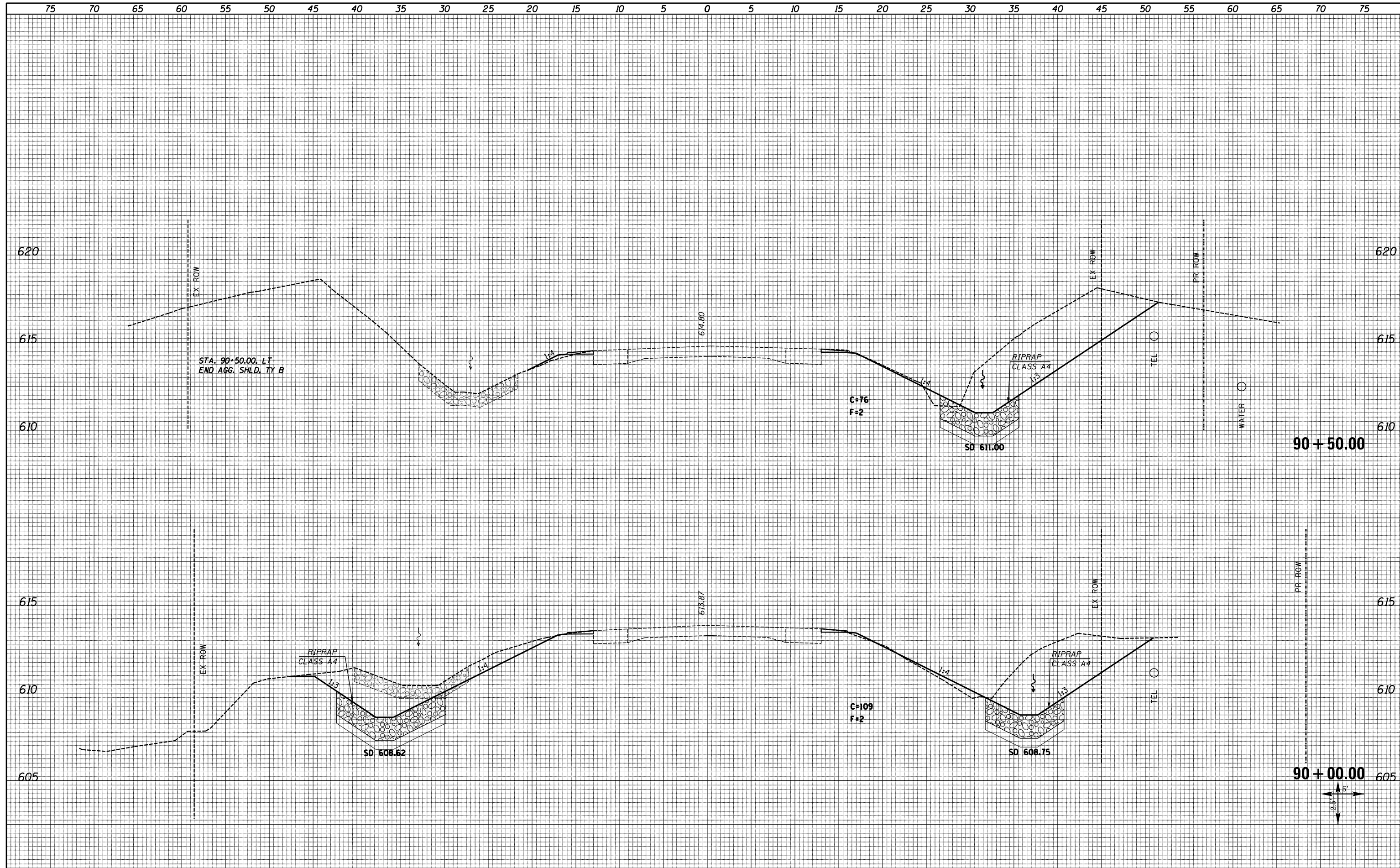
89 + 50.00

89 + 00.00

FILE NAME = D672840-SHT-079-XS-SN2504.dgn	USER NAME = notel	DESIGNED -	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS SN 075-2504</p> <p>SCALE: SHEET 13 OF 17 SHEETS STA. 89+00.00 TO STA. 89+50.00</p>	F.A.P. RTE. 558	SECTION 118 (B-1, B-2, B-3)	COUNTY PIKE	TOTAL SHEETS 102	SHEET NO. 91
	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISIED -		CONTRACT NO. 72840				
	PLOT DATE = 12/15/2014	CHECKED -	REVISIED -		ILLINOIS FED. AID PROJECT				
		DATE -	REVISIED -						

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
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FILE NAME = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

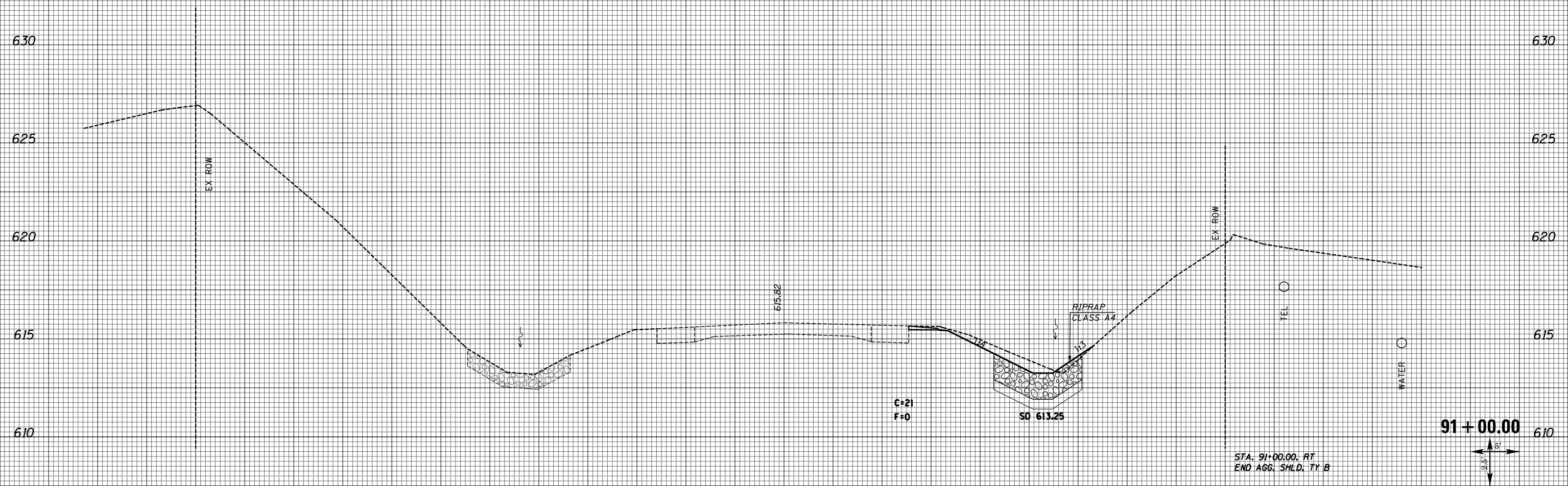
SCALE: SHEET 14 OF 17 SHEETS STA. 90+00.00 TO STA. 90+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	92
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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

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

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



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 =
D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel

PLOT SCALE = 10.0000' / in.

PLOT DATE = 12/15/2014

DESIGNED -	REVISD -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SN 075-2504**

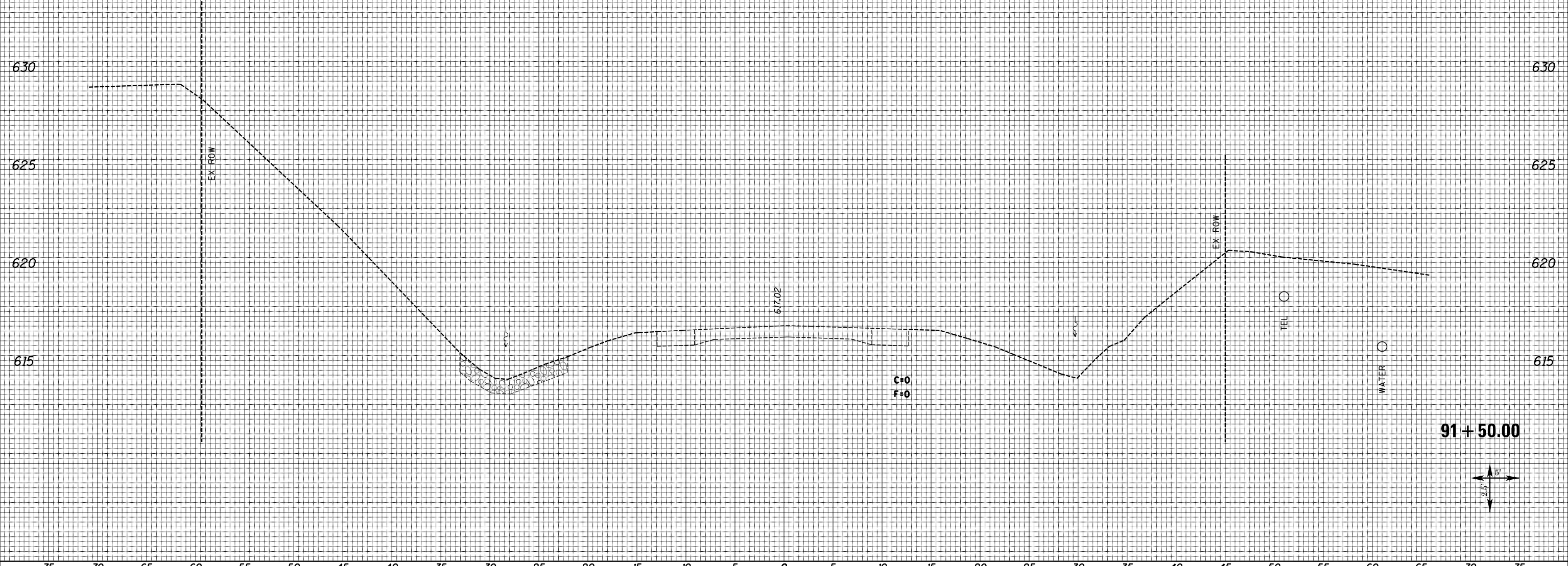
SCALE: SHEET 15 OF 17 SHEETS STA. 91+00.00 TO STA. 91+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	93
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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
NOTE BOOK	TEMPLATE		

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



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 = D672840-SHT-079-XS-SN2504.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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

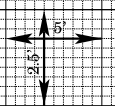
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 16 OF 17 SHEETS STA. 91+50.00 TO STA. 91+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	94
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

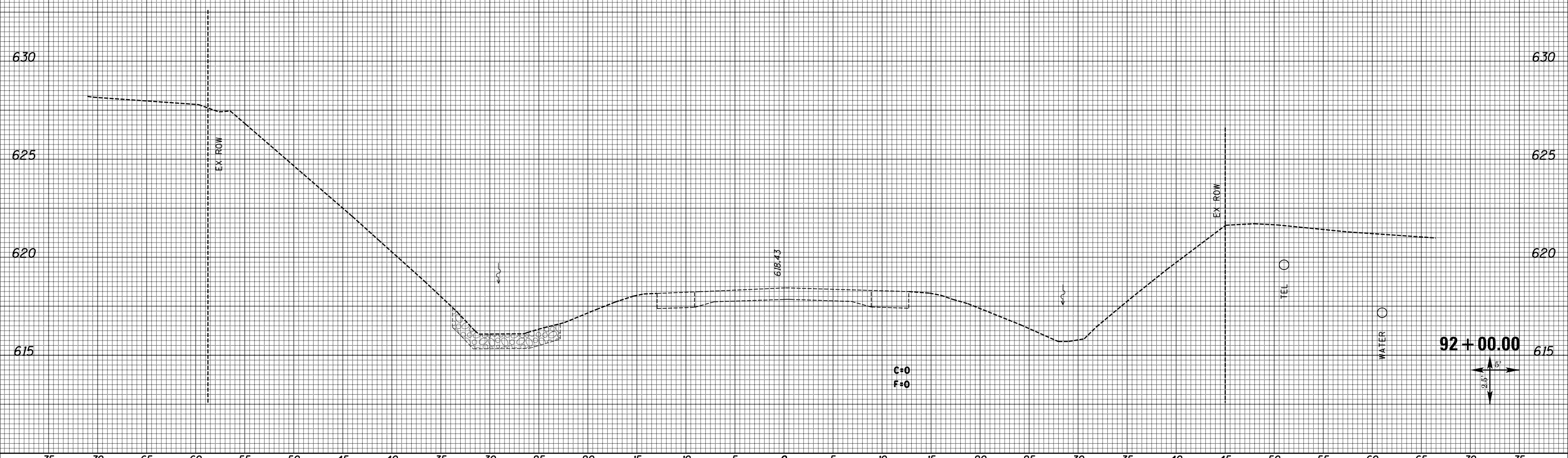
91 + 50.00



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
NOTE BOOK	TEMPLATE AREAS CHECKED		

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



FILE NAME = D672840-SHT-079-XS-SN2504.dgn

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 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

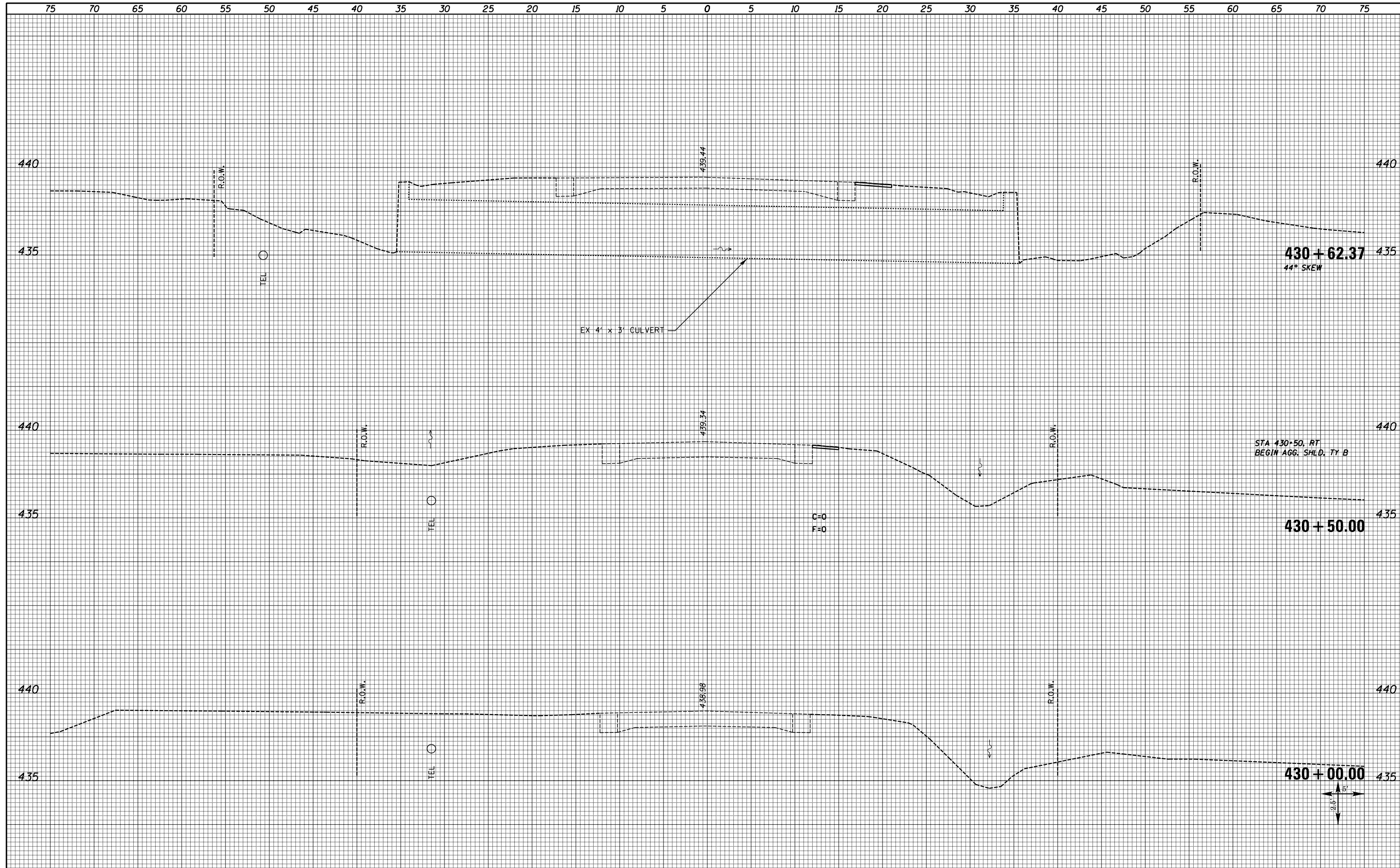
**CROSS SECTIONS
 SN 075-2504**

SCALE: SHEET 17 OF 17 SHEETS STA. 92+00.00 TO STA. 92+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	95
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D672840-SHT-096-XS-SN2505.dgn

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 PLOT DATE = 12/15/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

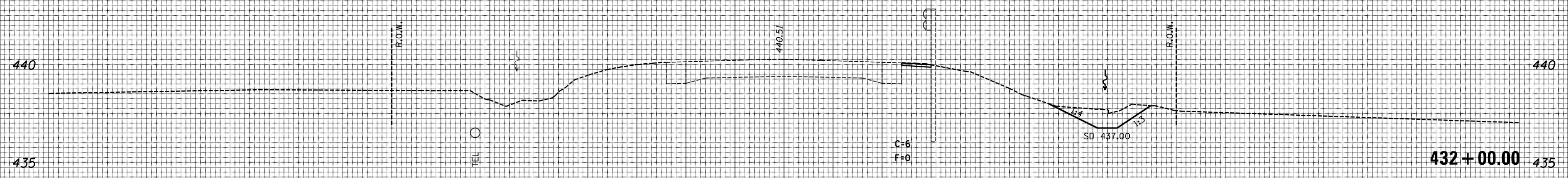
**CROSS SECTION
 SN 075-2505**

SCALE: SHEET 1 OF 7 SHEETS STA. 430+00.00 TO STA. 430+62.37

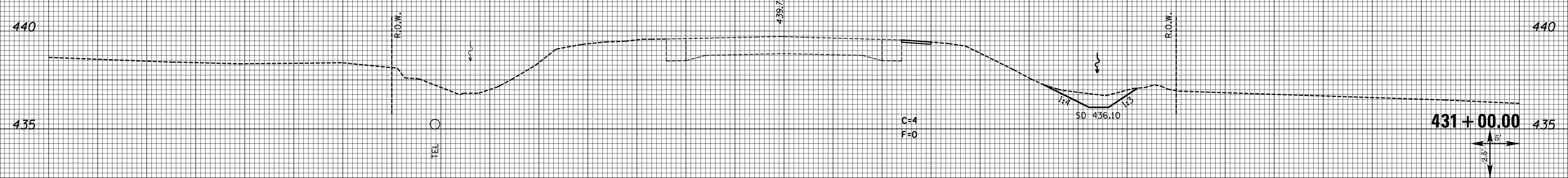
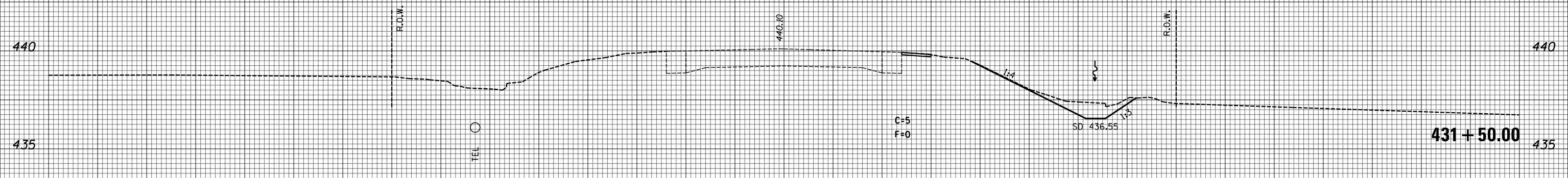
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	96
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				

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

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



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



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FILE NAME = D672840-SHT-096-XS-SN2505.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

DESIGNED -
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 DATE -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

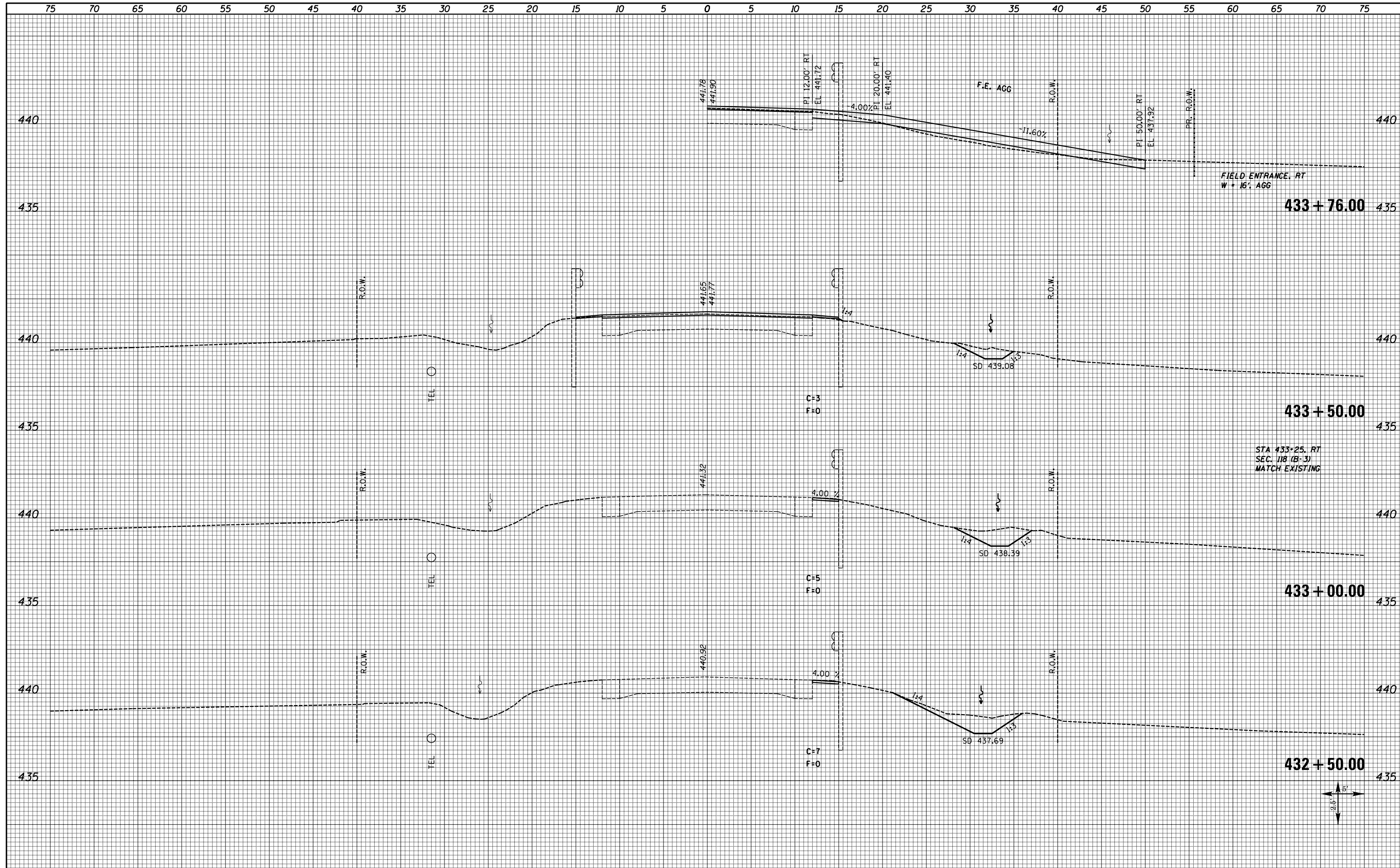
**CROSS SECTION
 SN 075-2505**
 SCALE: SHEET 2 OF 7 SHEETS STA. 431+00.00 TO STA. 432+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	97
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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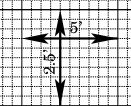
USER NAME = notel	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
SN 075-2505**

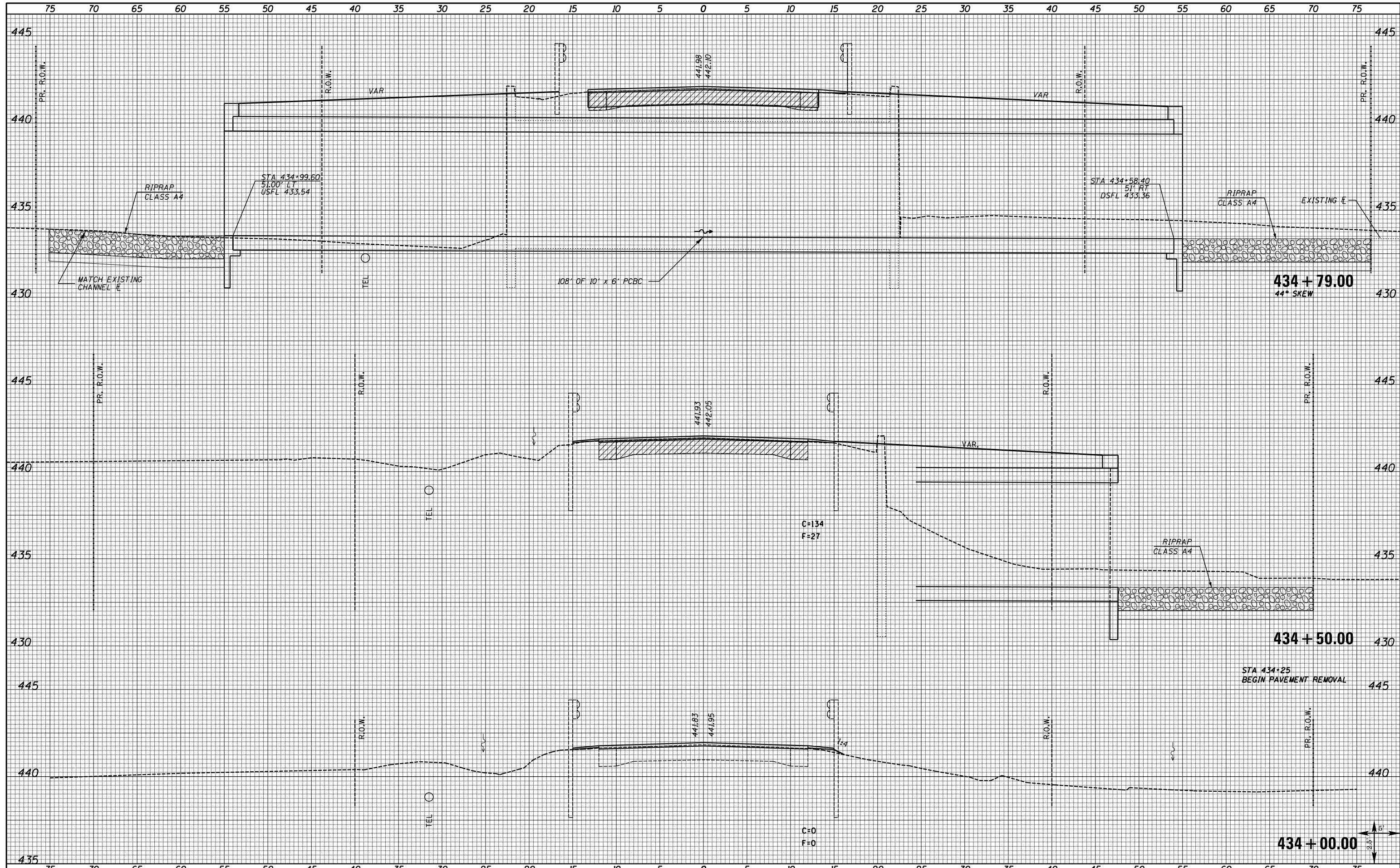
SCALE: SHEET 3 OF 7 SHEETS STA. 432+50.00 TO STA. 433+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	98
CONTRACT NO. 72840				
ILLINOIS FED. AID PROJECT				



DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 FINL SURVEY NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 ORIGINAL SURVEY NO. _____



FILE NAME = D672840-SHT-096-XS-SN2505.dgn
 USER NAME = notel

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
 SN 075-2505**

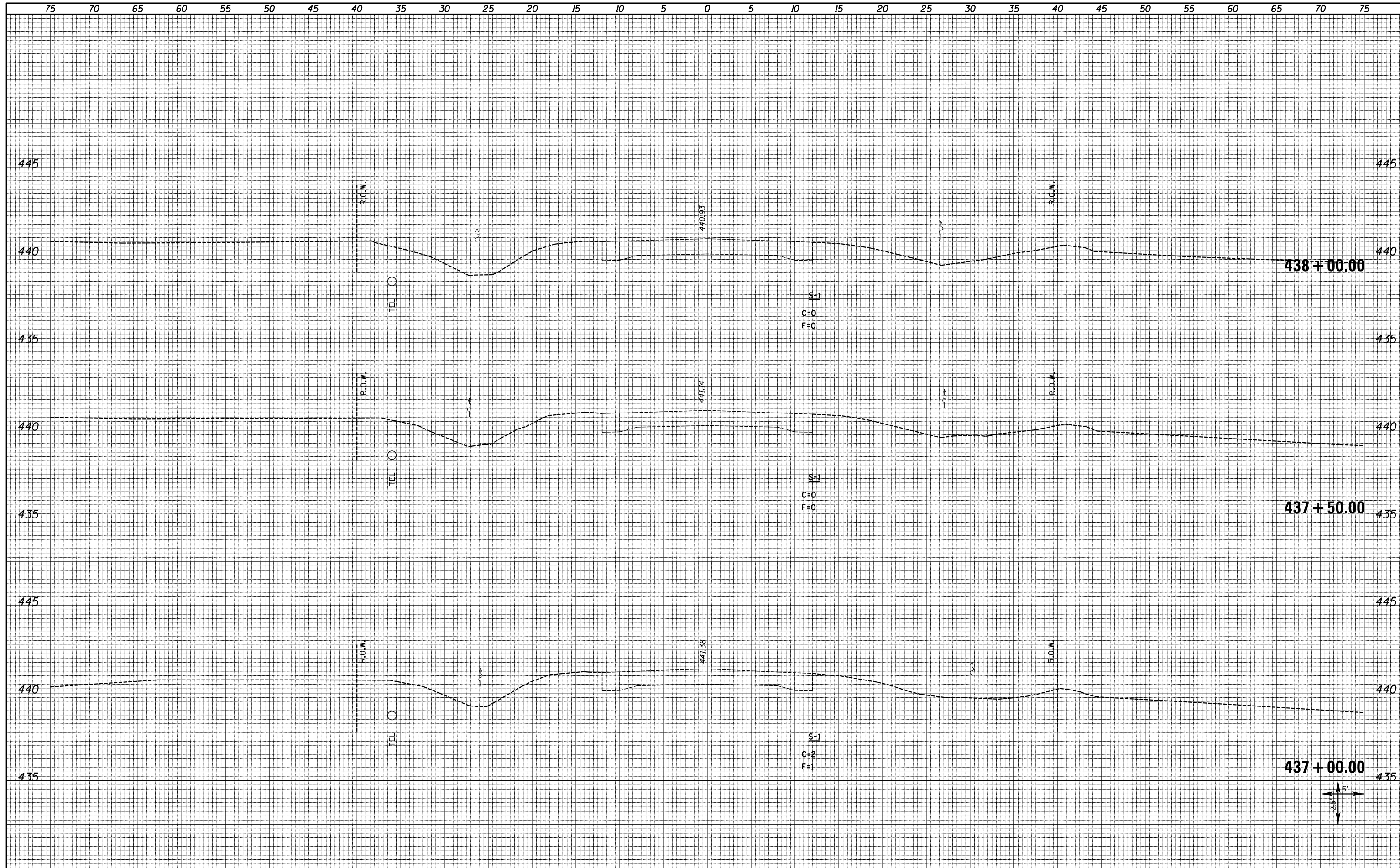
SCALE: SHEET 4 OF 7 SHEETS STA. 434+00.00 TO STA. 434+72.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	99
CONTRACT NO. 72840				

ILLINOIS FED. AID PROJECT

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 = D672840-SHT-096-XS-SN2505.dgn

USER NAME = notel
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/15/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
 SN 075-2505**

SCALE: SHEET 7 OF 7 SHEETS STA. 437+00.00 TO STA. 438+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
558	118 (B-1, B-2, B-3)	PIKE	102	102
				CONTRACT NO. 72840
ILLINOIS FED. AID PROJECT				