

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	1
		ILLINOIS	CONTRACT NO. 72087	

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

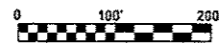
FAP ROUTE 612 (IL 103)
SECTION 102BR-2
PROJECT ACF-0612(019)
CULVERT REPLACEMENT
SCHUYLER COUNTY
C-96-511-00

- 1 COVER SHEET, INDEX OF SHEETS & STANDARDS
- 2 GENERAL NOTES & COMMITMENTS
- 3-6 SUMMARY OF QUANTITIES
- 7-8 SCHEDULE OF QUANTITIES
- 9 TYPICAL SECTIONS
- 10 HORIZONTAL ALIGNMENT & TIES
- 11 REMOVAL PLAN
- 12 DETOUR PLAN
- 13-15 PLAN & PROFILE SHEETS
- 16-18 DISTRICT DETAILS
- 19-21 STORM WATER POLLUTION PREVENTION PLAN
- 22 GRANULAR CULVERT BACKFILL DETAILS
- 23-26 STRUCTURAL PLANS
- 27-37 CROSS SECTIONS

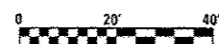
HIGHWAY STANDARDS

000001-06	666001-01
001001-02	667101-02
001006	701001-02
280001-07	701006-05
420001-08	701011-04
420101-05	701306-03
542401-02	701901-05
635001-02	BLR 21-9

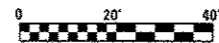
ALIGNMENT & TIES



REMOVAL PLAN

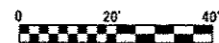


PLAN & PROFILE



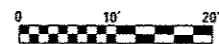
HORIZONTAL

EROSION CONTROL PLAN

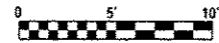


VERTICAL

CROSS SECTIONS



HORIZONTAL



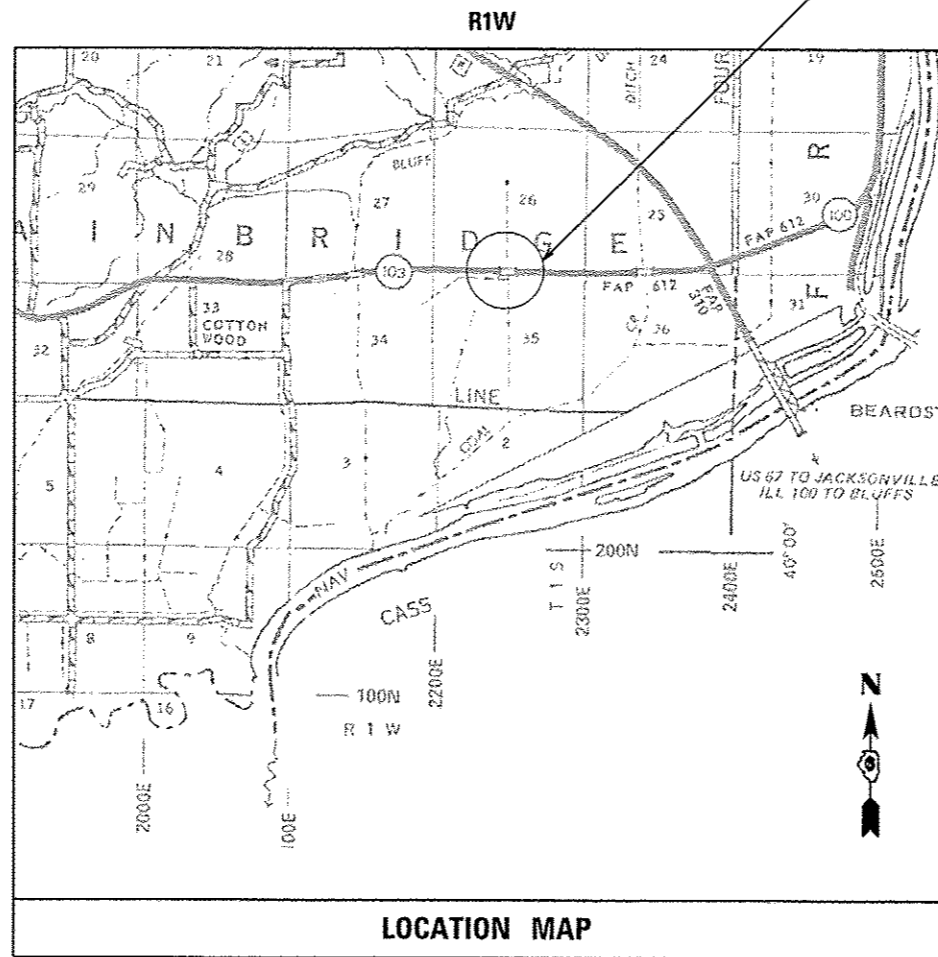
VERTICAL

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

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

ADT: 1,300(2013); 1,650(2038)
PV: 86.92%, SU: 4.62%, MU: 8.46%

CONTRACT NO. 72087



LOCATION MAP

0 1 2 MILES
GROSS LENGTH = 1500.00 FT. = 0.284 MILE
NET LENGTH = 75.00 FT. = 0.014 MILE

PROPOSED IMPROVEMENTS:
STATION 422+00.00 TO
STATION 437+00.00

DESCRIPTION OF WORK:

THIS PROJECT CONSISTS OF THE REMOVAL OF S.N. 085-0028 CARRYING F.A.P. ROUTE 612 (IL ROUTE 103) OVER COAL CREEK DITCH TRIBUTARY, AND CONSTRUCTION OF A DOUBLE 8' X 8' BOX CULVERT (S.N. 085-2517). APPROACH ROADWAY AND ENTRANCE IMPROVEMENTS ARE ALSO INCLUDED.



LOCATION OF SECTION INDICATED THUS: -

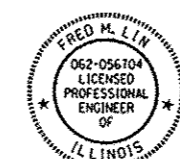
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 11 2016
Jeffrey M. South, JR. REGIONAL ENGINEER
Sept 30 2016
Maurice M. Adair, P.E. ENGINEER OF DESIGN AND ENVIRONMENT
Sept 30 2016
Omar Osman, P.E. DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PREPARED BY:
LIN ENGINEERING, LTD.
WESTMONT, ILLINOIS 60559
(630) 323-5168

Fred M. Lin

FRED M. LIN, P.E.
ILLINOIS REGISTERED ENGINEER NO. 062-056704
REGISTRATION EXPIRES NOV. 30, 2017



SEAL

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

PROJECT ENGINEER: JAY WAVERING (217) 785-9046
TEAM ENGINEER: VICTOR YOUNG (217) 524-0472

GENERAL NOTES

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 2 SHALL BE USED.

FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE U.L.L.I.E NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE RESIDENT ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

NO PASSING ZONES SHALL BE FIELD VERIFIED BY MARSHALL METCALF DISTRICT 6 OPERATIONS, (217) 785-5312, 21 DAYS PRIOR TO FINAL PAVEMENT MARKINGS.

EROSION CONTROL BLANKET SHALL BE APPLIED OVER ALL SEEDED AREAS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

ALL ELEVATIONS SHOWN IN THE PLANS ARE USGS MEAN SEA LEVEL DATUM.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN IN THE PLANS.

THE COST OF REMOVAL OF ANY EXISTING SIGNS, CULVERTS, OR OTHER OBSTRUCTIONS WHICH INTERFERE WITH CONSTRUCTION WILL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NORMAL THICKNESS. DEVIATIONS FROM THE NORMAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.

EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHER WISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE 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 FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ALL REFERENCES TO BITUMINOUS CONCRETE SHALL BE INTERPRETED TO BE "HOT-MIX ASPHALT".

STRUCTURE EXCAVATION SHALL BE INCLUDED IN THE CONTRACT COST PER CUBIC YARD FOR CONCRETE BOX CULVERTS.

THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS.

NITROGEN FERTILIZER NUTRIENT	90 LB / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LB / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB / ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB / ACRE
AGGREGATE SHOULDERS, TYPE B	0.066 TON / FOOT
RIPRAP	1.50 TON / CU YD

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGES.

THE PROPOSED PAVMENT MARKING SHALL BE DONE BY THE DISTRICT 6 OPERATIONS. ON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL CONTACT DISTRICT 6 OPERATIONS AT (217) 785-5312 TO MAKE ARRANGMENTS FOR THIS WORK.

DISTRICT SIX	
EXAMINED	JUNE 9 th 20 16
<i>John C. Wagoner</i>	
OPERATIONS ENGINEER	
EXAMINED	June 8 20 16
<i>Ron Ashambeau</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED	June 17 20 16
<i>Debra P. Meyer</i>	
PROGRAM DEVELOPMENT ENGINEER	

FILE NAME *	USER NAME * pararova	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & COMMITMENTS IL 103 OVER COAL CREEK DITCH TRIBUTARY	F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 2
<p>CONTRACT NO. 72087</p> <p>SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A</p> <p style="text-align: right;">ILLINOIS FED. AID PROJECT</p>										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				6-08760-0000 80% FED 20% ST	6-08760-0000 80% FED 20% ST
				STRUCTURE 0004 RURAL	ROADWAY 0004 RURAL
28200200	FILTER FABRIC	SO YD	591		591
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	217		217
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	412		412
42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SO YD	217		217
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	122		122
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50105220	PIPE CULVERT REMOVAL	FOOT	96		96
50800105	REINFORCEMENT BARS	POUND	13290	13290	
51500100	NAME PLATES	EACH	1	1	
54003000	CONCRETE BOX CULVERTS	CU YD	49.4	49.4	
54010808	PRECAST CONCRETE BOX CULVERTS 8' X 8'	FOOT	148	148	
54215550	METAL END SECTION 15"	EACH	2		2
54215571	METAL END SECTION 36"	EACH	2		2
54201060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	50		50

*DENOTES SPECIALITY ITEM

FILE NAME = E:\1007\102\Phase 1\10672087-sh-500.dgn	USER NAME = Chris	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 4
		DRAWN - MW	REVISED -		SCALE: N.T.S	SHEET NO. 2 OF 4 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 72087			
		CHECKED - ST	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08-2016	REVISED -									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				6-08760-0000 80%FED 20%ST	6-08760-0000 80%FED 20%ST
				STRUCTURE 0004 RURAL	ROADWAY 0004 RURAL
54201081	PIPE CULVERTS, CLASS D, TYPE 2 36"	FOOT	40		40
63200310	GUARDRAIL REMOVAL	FOOT	256		256
63500105	DELINEATORS	EACH	4		4
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	8		8
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1		1
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2		2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6		6
67100100	MOBILIZATION	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4		4
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	10		10
70300100	SHORT TERM PAVEMENT MARKING	FOOT	25		25
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9		9
X0301852	DEWATERING STRUCTURE NO. 1	EACH	1	1	

14

*DENOTES SPECIALITY ITEM

FILE NAME * p:\11\084EBID\INTEG\11\084EBID\DOT\00				USER NAME * Verenskifa				DESIGNED - NA				REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES IL 103 OVER COAL CREEK DITCH TRIBUTARY				F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.			
PLOT SCALE = 1/8" = 1' / in.				CHECKED - ST				DATE - 08-2016				DRAWN												REVISED				612		102BR-2		SCHUYLER		37 5	
PLOT DATE = 8/11/2016				DATE - 08-2016				REVISED				REVISED												SCALE: N.T.S				SHEET NO. 3 OF 4 SHEETS		STA. N/A		TO STA. N/A		CONTRACT NO. 72087	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STRUCTURE	ROADWAY
				6-08760-0000 80% FED 20% ST	6-08760-0000 80% FED 20% ST
				0004	0004
				RURAL	RURAL
X7010222	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 (SPECIAL)	L SUM	1	1	
Z0004552	APPROACH SLAB REMOVAL	SO YD	155		155
Z0016702	DETOUR SIGNING	L SUM	1		1
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	89	89	
*Z0054517	ROCK FILL-FOUNDATION	TON	487	487	

S

*DENOTES SPECIALITY ITEM

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EXCAVATION ADJ., FOR SHRINKAGE (CU YD)	CHANNEL EXCAVATION (CU YD)	EMBANKMENT (CU YD)
IL 103 OVER COAL CREEK TRIBUTARY	2,774	2,081	717	566

SHRINKAGE FACTOR: 0.75

SEEDING, CLASS 2

STATION	OFFSET	STATION	OFFSET	AREA (SQ FT)	AREA (ACRE)
422+00	LT	436+99	LT	37,717.87	0.87
422+50	RT	422+72	RT	1,464.76	0.03
422+88	RT	423+60	RT	2,342.64	0.05
423+82	RT	427+00	RT	9,701.10	0.22
TOTAL					1.18
ROUNDED TOTAL					1.25

NITROGEN FERTILIZER NUTRIENT

SEEDING, CLASS 2	1.25	ACRE
Application Rate = 90 LB / Acre		
TOTAL	113	POUND

PHOSPHOROUS FERTILIZER NUTRIENT

SEEDING, CLASS 2	1.25	ACRE
Application Rate = 90 LB / Acre		
TOTAL	113	POUND

POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 2	1.25	ACRE
Application Rate = 90 LB / Acre		
TOTAL	113	POUND

MULCH, METHOD 2

STATION	OFFSET	STATION	OFFSET	AREA (SQ FT)	AREA (ACRE)
422+00	LT	436+99	LT	37,717.87	0.87
422+50	RT	422+72	RT	1,464.76	0.03
422+88	RT	423+60	RT	2,342.64	0.05
423+82	RT	427+00	RT	9,701.10	0.22
TOTAL					1.18
ROUNDED TOTAL					1.25

TEMPORARY EROSION CONTROL SEEDING

ACRE	APPLICATION RATE PER ACRE	NUMBER OF APPLICATIONS	QUANTITY POUND
1.25	100	4	500
TOTAL			500

AGGREGATE (EROSION CONTROL)

STATION	OFFSET	LENGTH (FOOT)	TON
422+50	LT	12.00	5.00
424+00	LT	12.00	5.00
424+00	RT	12.00	5.00
TOTAL			15.00

INLET AND PIPE PROTECTION

STATION	OFFSET	DISTANCE (FT)	EACH
422+58	RT	60.00	1
423+94	RT	46.00	1
TOTAL			2

STONE DUMPED RIPRAIP, CLASS A4

STATION	OFFSET	STATION	OFFSET	AREA (SQ FT)	AREA (SQ YD)
422+50	LT	424+00	LT	3,092.25	343.58
422+92	RT	423+56	RT	2,224.02	247.11
TOTAL					591

FILTER FABRIC

STATION	OFFSET	STATION	OFFSET	AREA (SQ FT)	AREA (SQ YD)
422+50	LT	424+00	LT	3,092.25	343.58
422+92	RT	423+56	RT	2,224.02	247.11
TOTAL					591

SUBBASE GRANULAR MATERIAL, TYPE B 4"

STATION	STATION	AREA (SQ FT)	AREA (SQ YD)
422+85	423+60	1950.00	216.67
TOTAL			217

AGGREGATE BASE COURSE, TYPE B 6"

STATION	OFFSET	STATION	OFFSET	AREA (SQ FT)	AREA (SQ YD)
422+58	RT	423+02	RT	1,590.10	176.68
423+46	RT	423+96	RT	2,118.45	235.38
TOTAL					412

PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)

STATION	STATION	AREA (SQ FT)	AREA (SQ YD)
422+85	423+60	1950.00	216.67
TOTAL			217

AGGREGATE WEDGE SHOULDER, TYPE B

STATION	OFFSET	STATION	OFFSET	FOOT	TON
422+00	LT	436+88	LT	1488.00	98.21
422+99	RT	423+49	RT	50.00	3.30
423+93	RT	427+00	RT	307.00	20.26
TOTAL					122

PIPE CULVERT REMOVAL

STATION	OFFSET	DISTANCE (FT)	STATION	OFFSET	DISTANCE (FT)	FOOT
422+59	RT	60.00	422+99	RT	63.00	41.00
423+43	RT	30.00	423+98	RT	28.00	55.00
TOTAL						96

METAL END SECTION 15"

STATION	OFFSET	DISTANCE (FT)	EACH
423+44	RT	55.00	1
423+93	RT	46.00	1
TOTAL			2

METAL END SECTION 36"

STATION	OFFSET	DISTANCE (FT)	EACH
422+59	RT	60.00	1
422+99	RT	63.00	1
TOTAL			2

PIPE CULVERTS, CLASS D, TYPE 2 15"

STATION	OFFSET	DISTANCE (FT)	STATION	OFFSET	DISTANCE (FT)	FOOT
423+44	RT	55.00	423+93	RT	46.00	50.00
TOTAL						50

PIPE CULVERTS CLASS D, TYPE 2 36"

STATION	OFFSET	DISTANCE (FT)	STATION	OFFSET	DISTANCE (FT)	FOOT
422+59	RT	60	422+99	RT	63	40.00
TOTAL						40

GUARDRAIL REMOVAL

STATION	OFFSET	STATION	OFFSET	FOOT
422+08	LT	423+10	LT	102.00
423+33	LT	424+33	LT	101.00
422+90	RT	423+10	RT	27.00
423+33	RT	423+54	RT	26.00
TOTAL				256

DELINEATORS

STATION	OFFSET	EACH
423+12	LT	1
423+12	RT	1
423+30	LT	1
423+30	RT	1
TOTAL		4

FURNISHING AND ERECTING RIGHT OF WAY MARKERS

STATION	OFFSET	DISTANCE (FT)	EACH
421+00	LT	40.00	1
422+50	LT	100.00	1
423+75	LT	100.00	1
426+00	LT	40.00	1
422+00	RT	40.00	1
422+50	RT	100.00	1
424+00	RT	100.00	1
425+50	RT	40.00	1
TOTAL			8

PERMANENT SURVEY MARKERS, TYPE I

#	STATION	OFFSET	DISTANCE (FT)	EACH
	423+21.28	LT	0.085	1
TOTAL				1

PERMANENT SURVEY MARKERS, TYPE II

#	STATION	OFFSET	DISTANCE (FT)	EACH
1000	422+62.37	RT	33.16	1
1001	409+79.91	LT	34.47	1
TOTAL				2

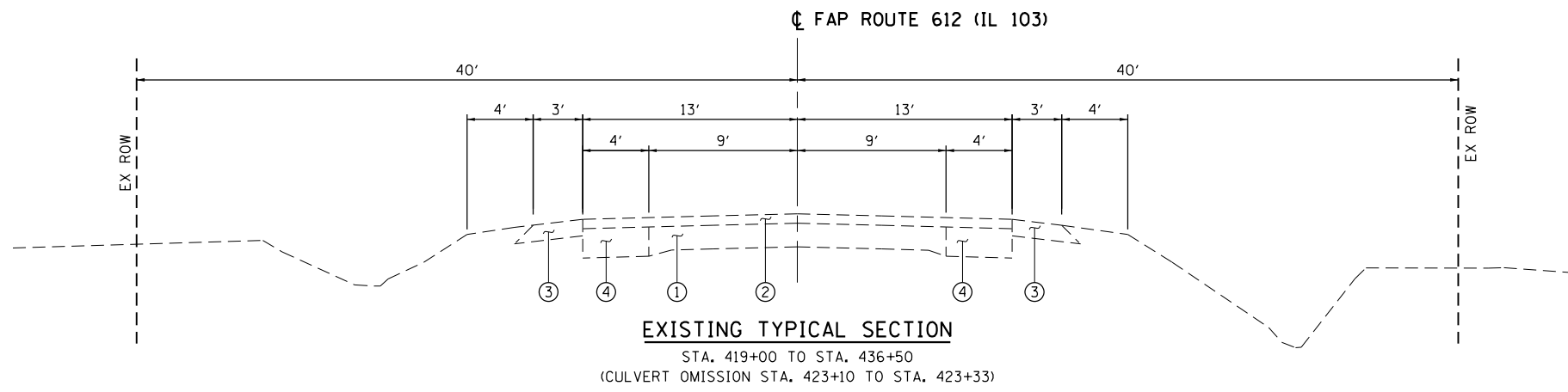
CHANGEABLE MESSAGE SIGN

SIGN	DURATION (CAL MO)
N. US 24	2
S. US 24	2
N. US 67	2
S. US 67	2
IL 100	2
TOTAL	10

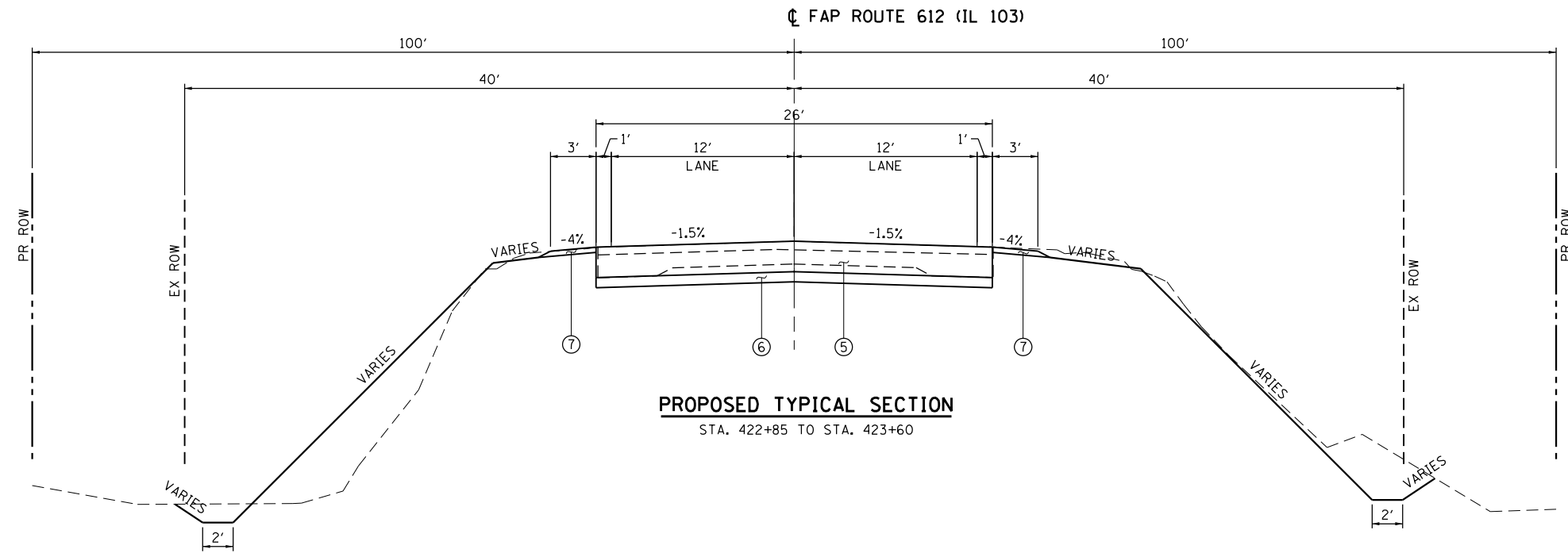
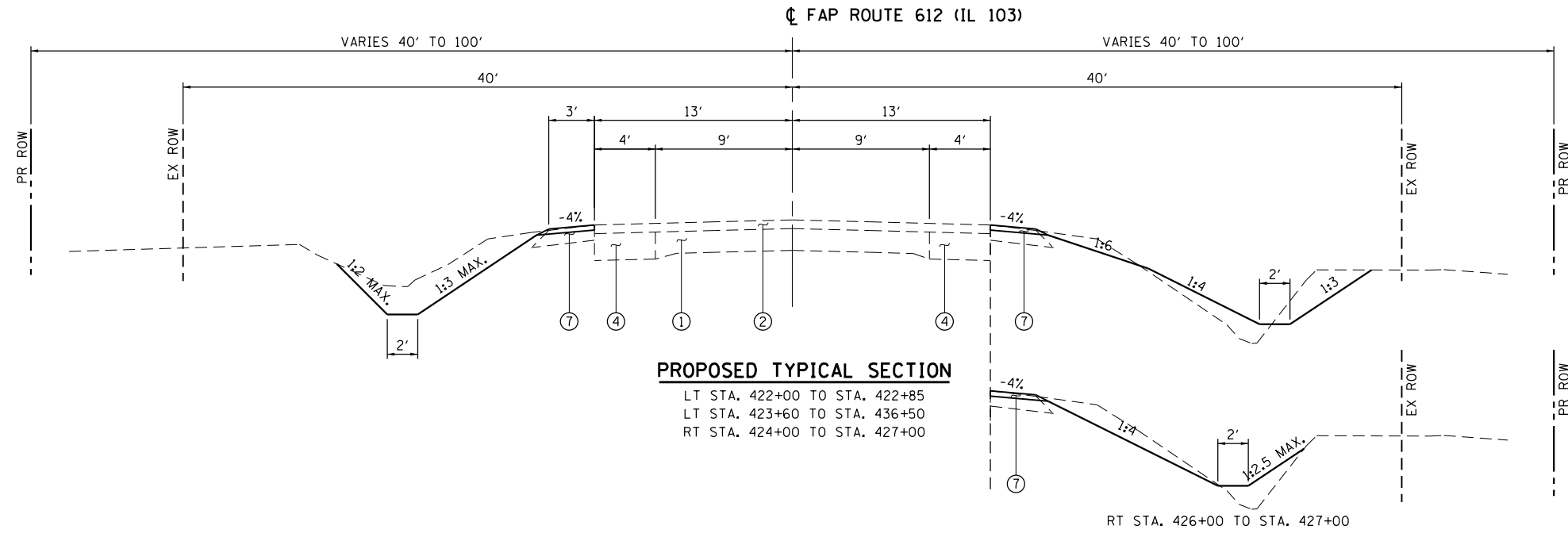
•SEE DETOUR PLAN

APPROACH SLAB REMOVAL

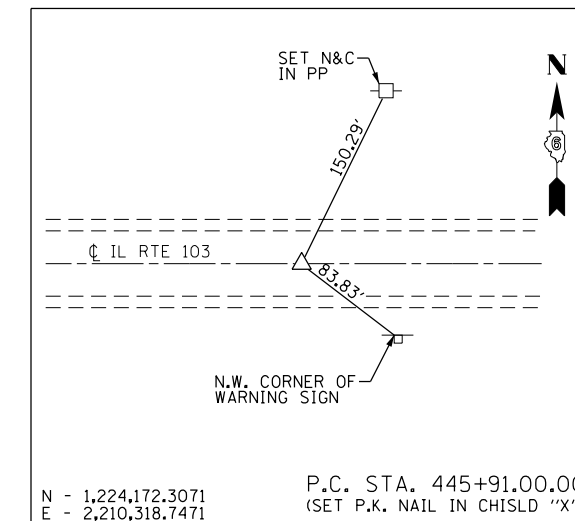
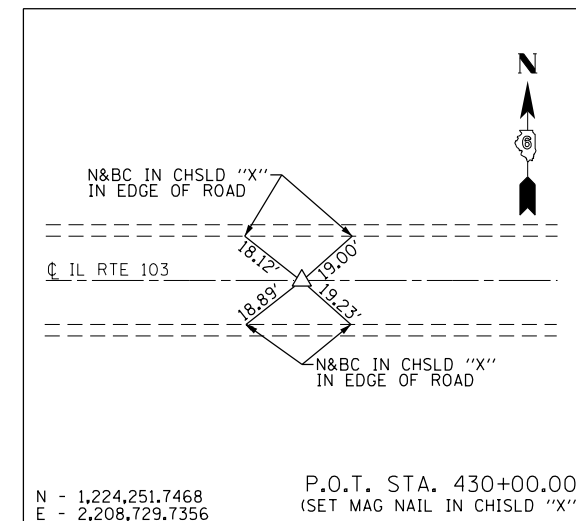
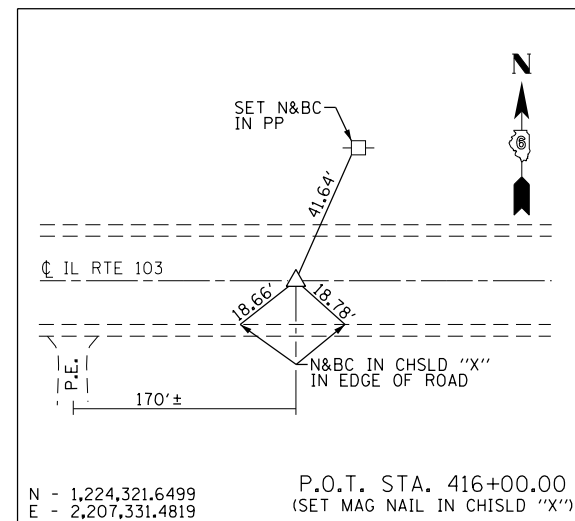
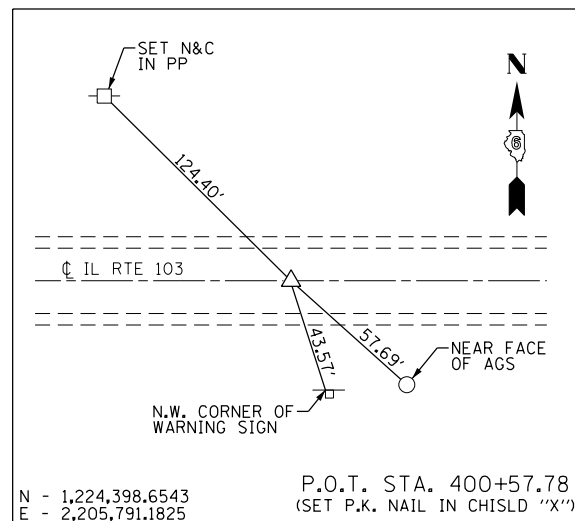
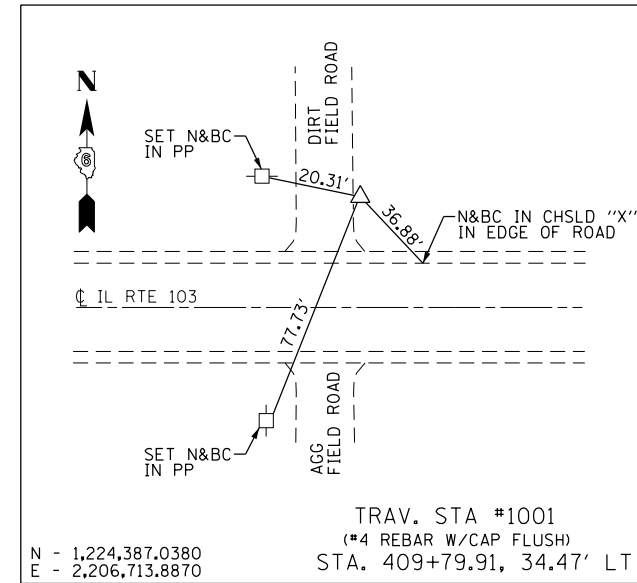
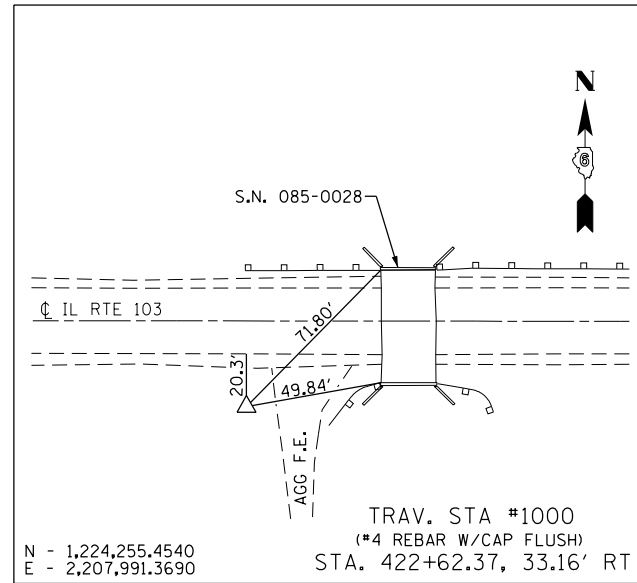
STATION	STATION	AREA (SQ FT)	AREA (SQ YD)
422+85	423+11	671.50	74.61
423+32	423+60	723.30	80.37
TOTAL			155



- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING BITUMINOUS SURFACE, 3 3/4"±
 - ③ EXISTING AGGREGATE SHOULDERS
 - ④ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING 9"
 - ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
 - ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - ⑦ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B, 2"



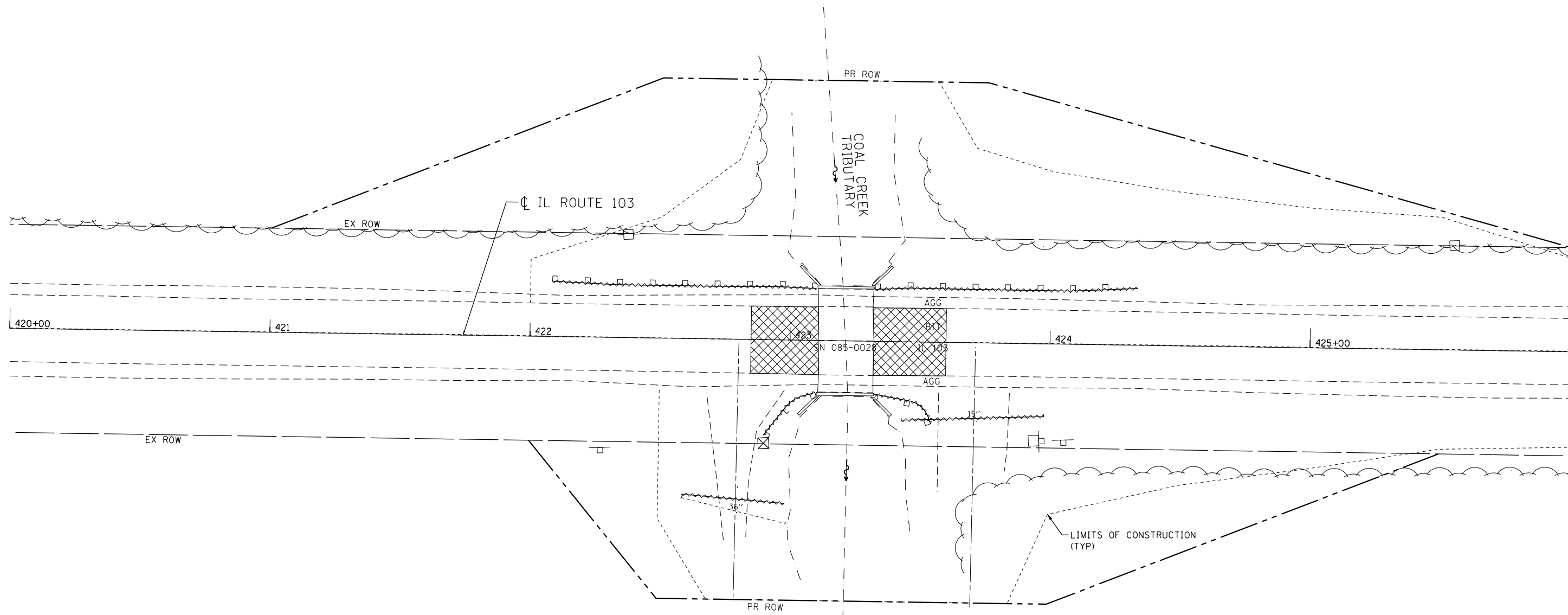
FILE NAME =	USER NAME = Chris	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
E:\1007\W02\Phase 11\0672087-shr-typical.dgn		DRAWN - MW	REVISED -		612	102BR-2	SCHUYLER	37	9	CONTRACT NO. 72087		
		CHECKED - ST	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A		ILLINOIS FED. AID PROJECT		
		DATE - 08-2016	REVISED -									






LIST BENCH MARKS:
 BM #62 - STANDARD TABLET STAMPED "6 PC 1976"
 TOP WING WALL, NORTHWEST CORNER OF BRIDGE
 NO. 085-0028 ON IL RTE 103 OVER COAL CREEK
 TRIBUTARY. STA. 423+10.58 @ 21.8' LT
 ELEV. = 429.28

COORDINATES SHOWN ARE NAD83 (1997 ADJ)
 STATE PLANE COORDINATES, WEST ZONE
 PROJECT GRID FACTOR = 0.999935296

FILE NAME = E:\1007\W02\Phase 11\0672087-sht-0bt.DGN	USER NAME = Chris	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL ALIGNMENT & TIES IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 10
					SCALE: 1" = 100'	SHEET NO. 1 OF 1 SHEETS	STA. 400+57.78 TO STA. 445+91.00	CONTRACT NO. 72087				
					ILLINOIS FED. AID PROJECT							
PLOT DATE = 8/5/2016	DATE = 08-2016	CHECKED - ST	REVISED -									

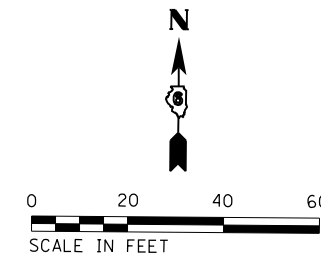


LEGENDS:

-  APPROACH SLAB REMOVAL
-  GUARDRAIL REMOVAL
-  PIPE CULVERT REMOVAL

NOTE:

1. REMOVAL OF END SECTIONS SHALL BE INCLUDED IN THE COST OF PIPE CULVERT REMOVAL.



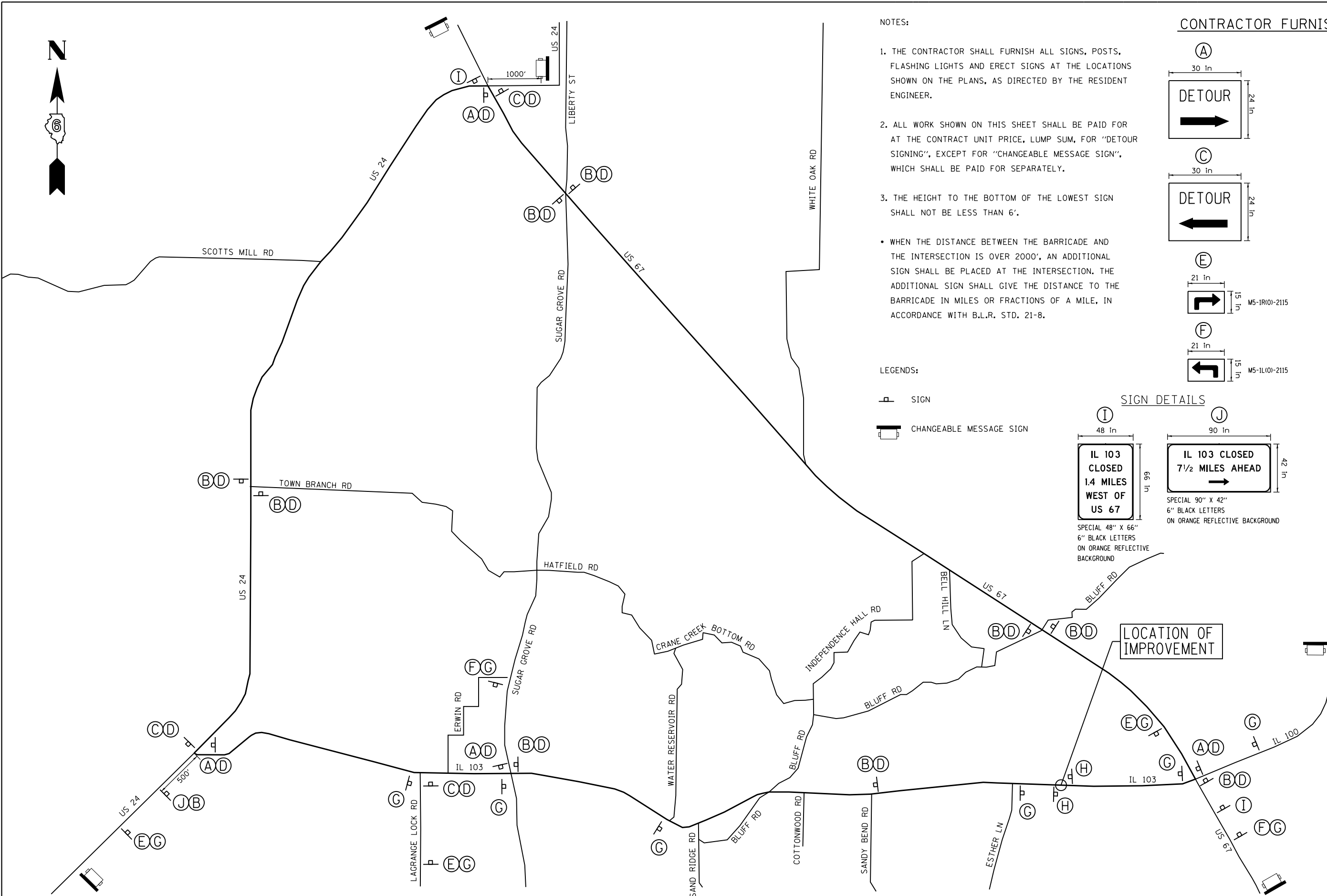
FILE NAME =	USER NAME = Chris	DESIGNED - NA	REVISED -
E:\1007\W02\Phase 11\0672087-sht-rem.dgn		DRAWN - MW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - ST	REVISED -
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 103 OVER COAL CREEK DITCH TRIBUTARY**

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 420+00.00 TO STA. 426+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	11
CONTRACT NO. 72087				
ILLINOIS FED. AID PROJECT				



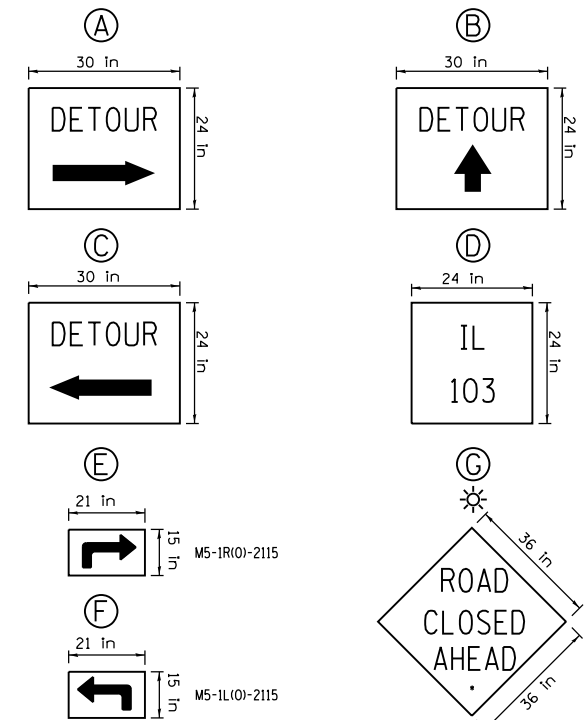
NOTES:

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS, POSTS, FLASHING LIGHTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THE PLANS, AS DIRECTED BY THE RESIDENT ENGINEER.
 2. ALL WORK SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR "DETOUR SIGNING", EXCEPT FOR "CHANGEABLE MESSAGE SIGN", WHICH SHALL BE PAID FOR SEPARATELY.
 3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
- WHEN THE DISTANCE BETWEEN THE BARRICADE AND THE INTERSECTION IS OVER 2000', AN ADDITIONAL SIGN SHALL BE PLACED AT THE INTERSECTION. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE, IN ACCORDANCE WITH B.L.R. STD. 21-8.

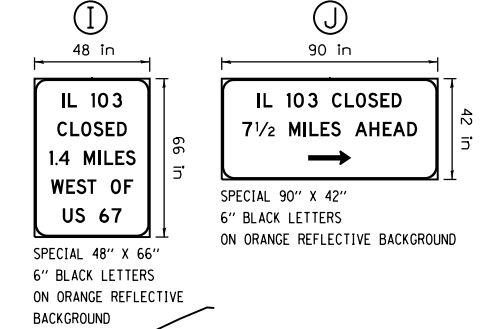
LEGENDS:

- SIGN
- CHANGEABLE MESSAGE SIGN

CONTRACTOR FURNISHED SIGNS



SIGN DETAILS



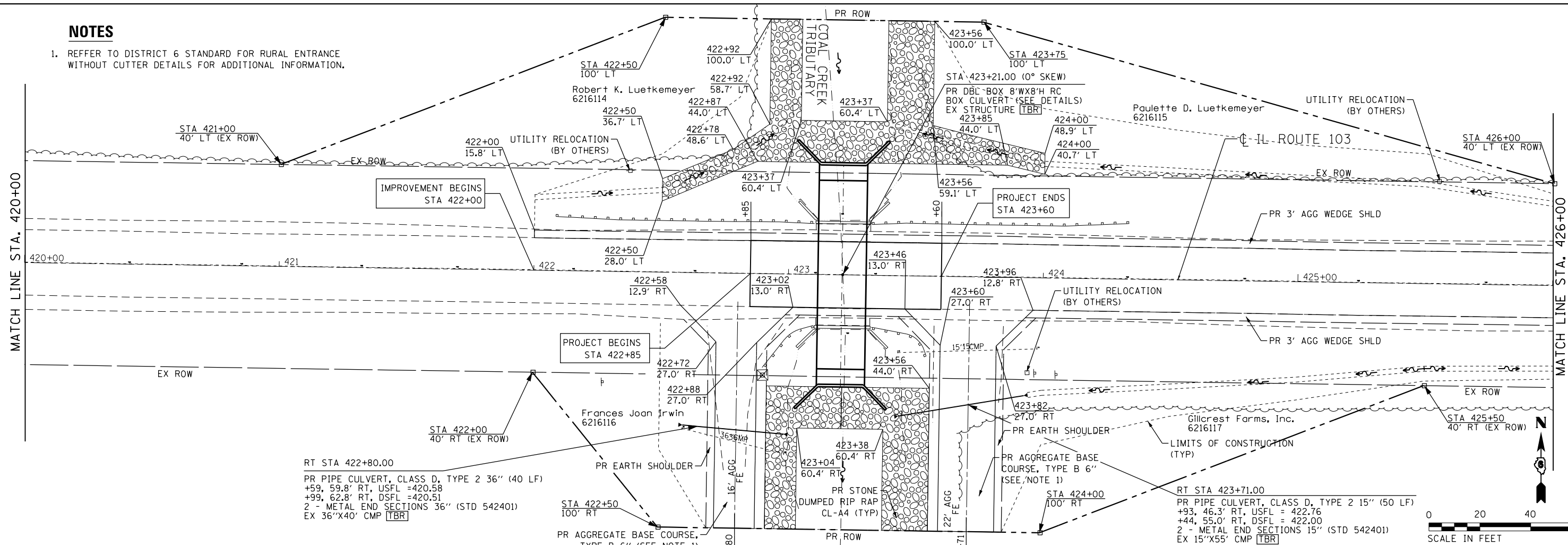
IL 103 OVER COAL CREEK DITCH TRIBUTARY

FILE NAME = E:\1007\W02\Phase 11\0672087-sht-detour.dgn	USER NAME = Chris	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 12
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -	REVISIED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 72087			
PLOT DATE = 8/5/2016	DATE - 08-2016	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT							

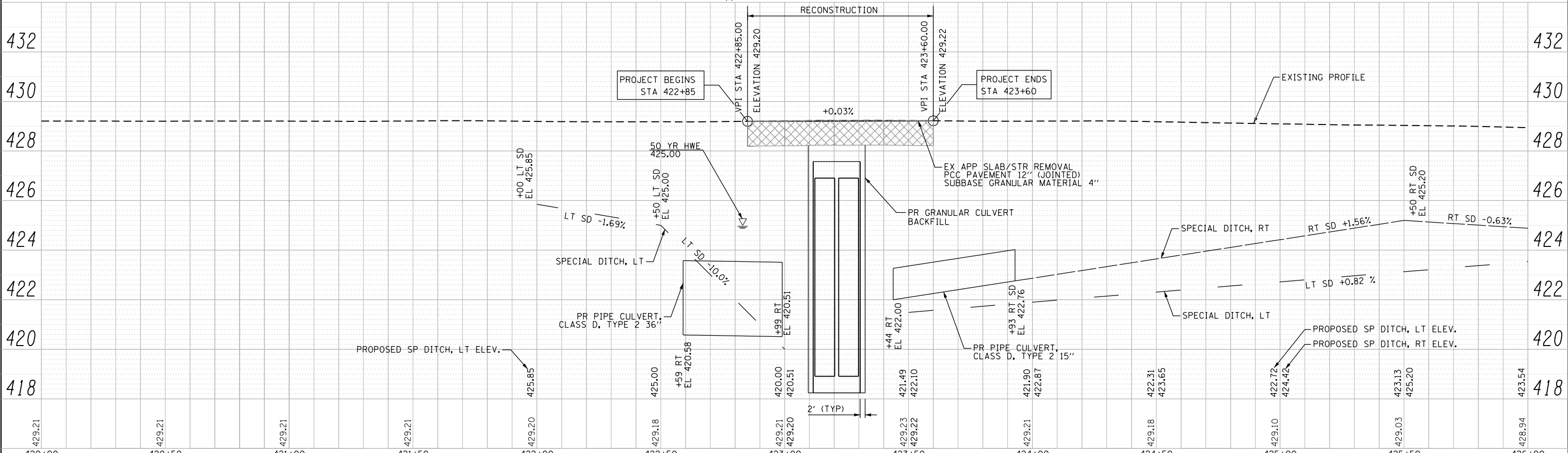
NOTES

1. REFER TO DISTRICT 6 STANDARD FOR RURAL ENTRANCE WITHOUT CUTTER DETAILS FOR ADDITIONAL INFORMATION.

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	



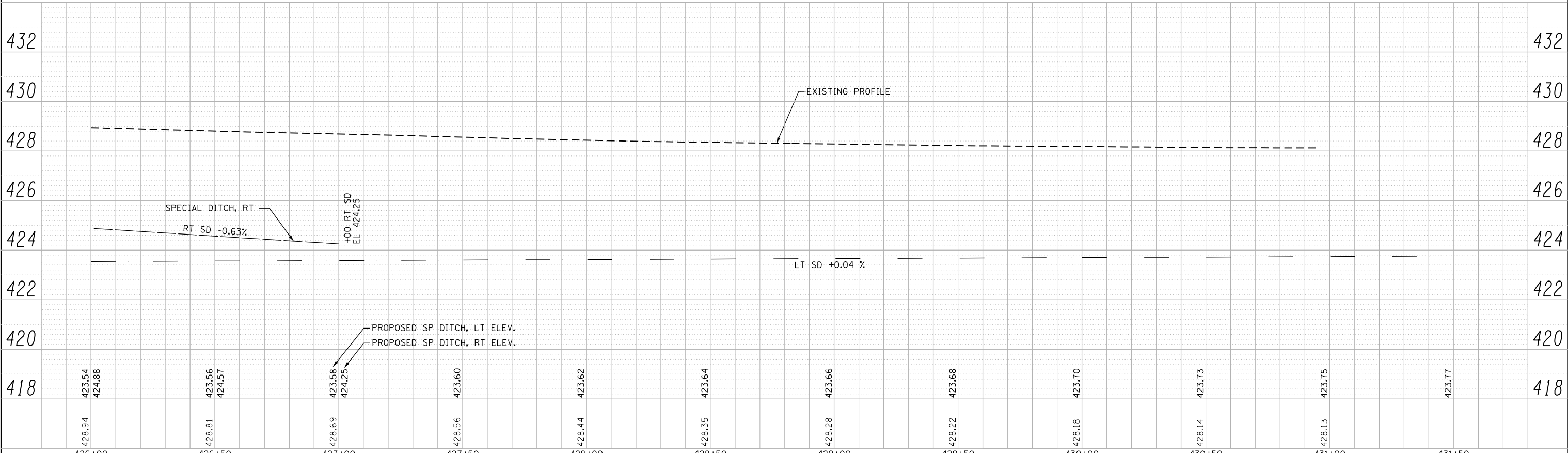
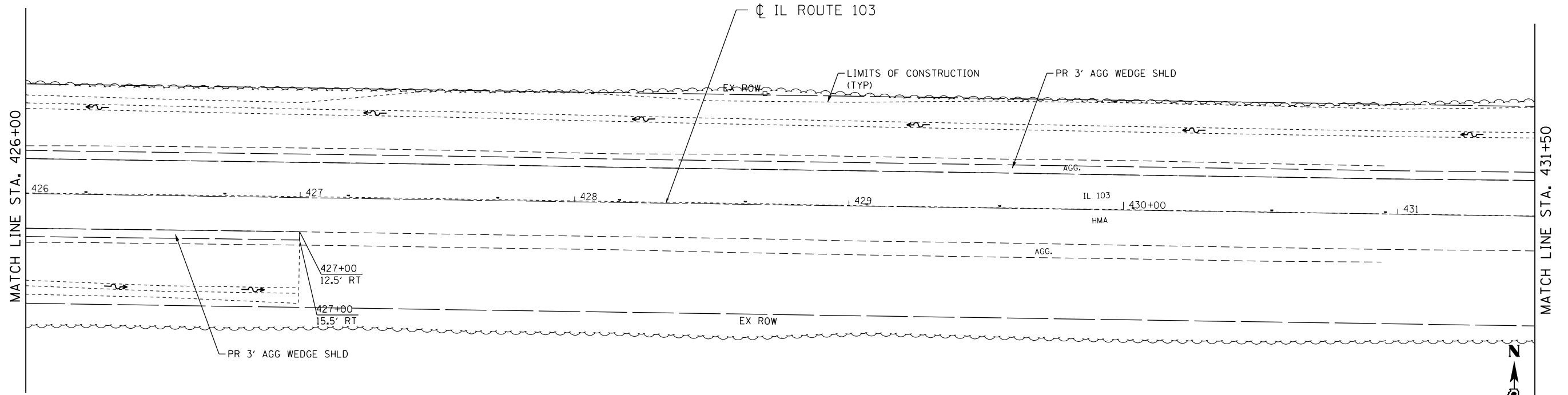
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS	
NO.	



FILE NAME =	USER NAME = Chris	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. = 612	SECTION = 102BR-2	COUNTY = SCHUYLER	TOTAL SHEETS = 37	SHEET NO. = 13
E:\11007\W02\Phase 1\110672087-sht-plnprfl1.dgn		DRAWN - MW	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 3 SHEETS	STA. 420+00.00 TO STA. 426+00.00	CONTRACT NO. 72087				
		CHECKED - ST	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08-2016	REVISED -									

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

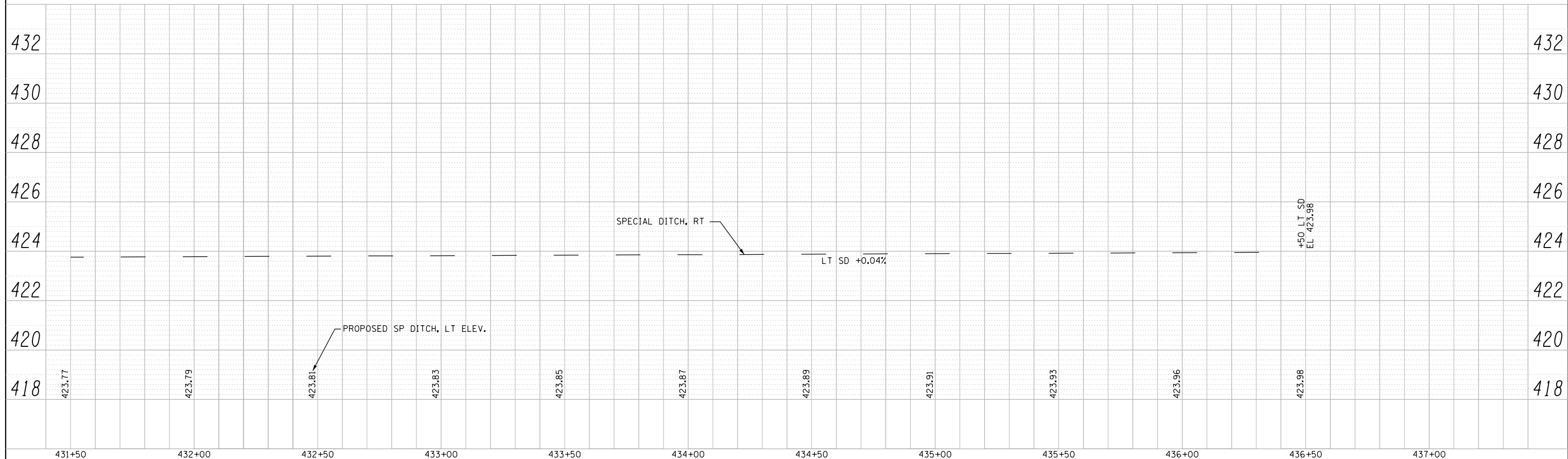
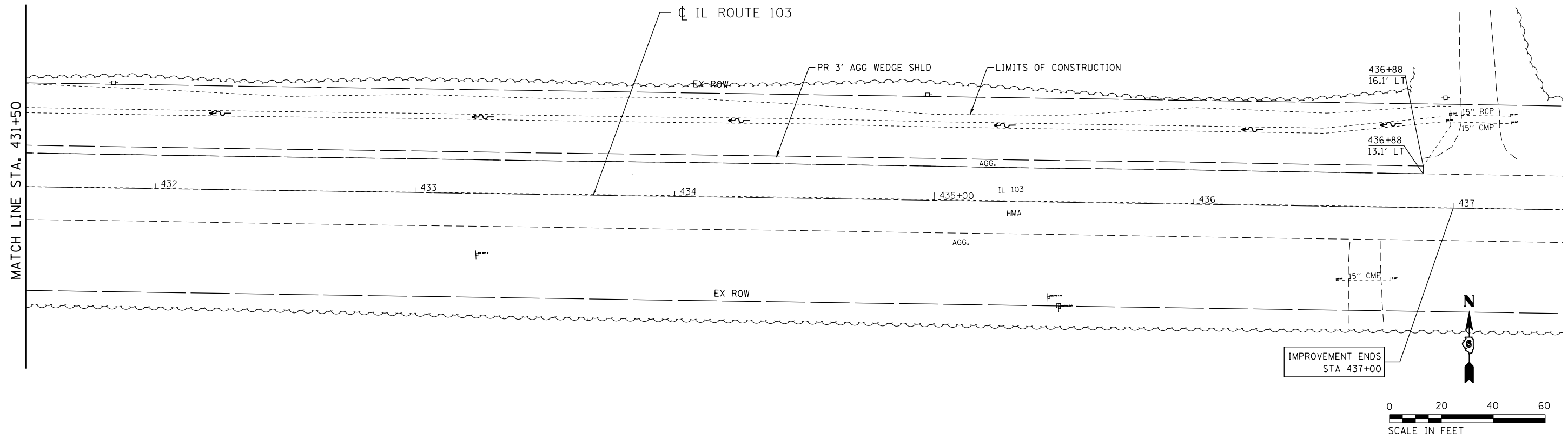
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	NOTATION CHKD		



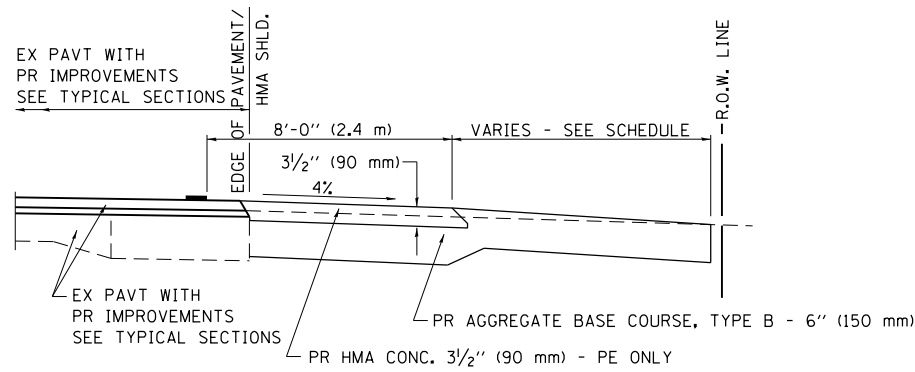
FILE NAME = E:\1007\W02\Phase 11\0672087-sht-plnprf2.dgn	USER NAME = Chris	DESIGNED - NA	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. = 612	SECTION = 102BR-2	COUNTY = SCHUYLER	TOTAL SHEETS = 37	SHEET NO. = 14
PLOT SCALE = 40.0000' / in.	CHECKED - ST	REVISIED -	REVISIED -		SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA. 426+00.00 TO STA. 429+00.00	CONTRACT NO. 72087				
PLOT DATE = 8/5/2016	DATE - 08-2016	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

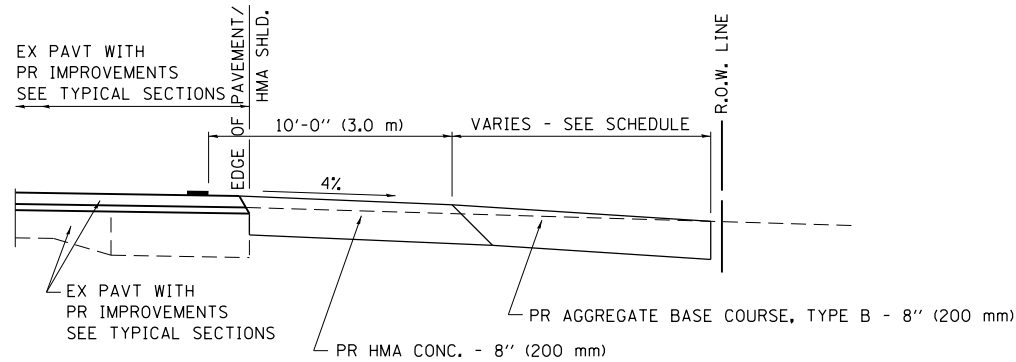
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



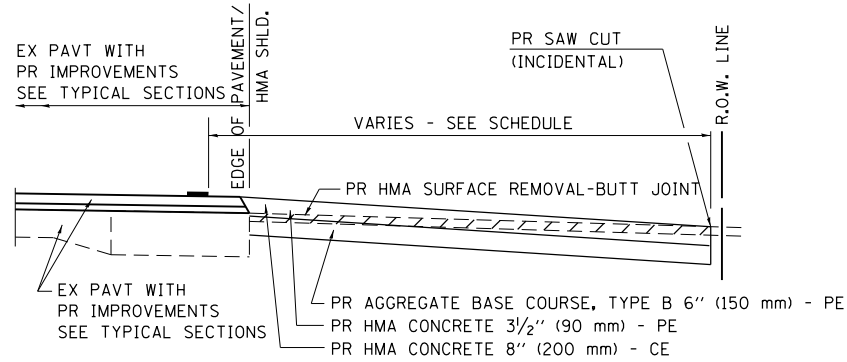
FILE NAME =	USER NAME = Chris	DESIGNED - NA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
E:\1007\W02\Phase 1\10672087-sht-plnprf3.dgn		DRAWN - MW	REVISED -		612	102BR-2	SCHUYLER	37	15	CONTRACT NO. 72087		
		CHECKED - ST	REVISED -		SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA. 431+50.00 TO STA. 436+50.00	ILLINOIS FED. AID PROJECT				
		DATE - 08-2016	REVISED -									



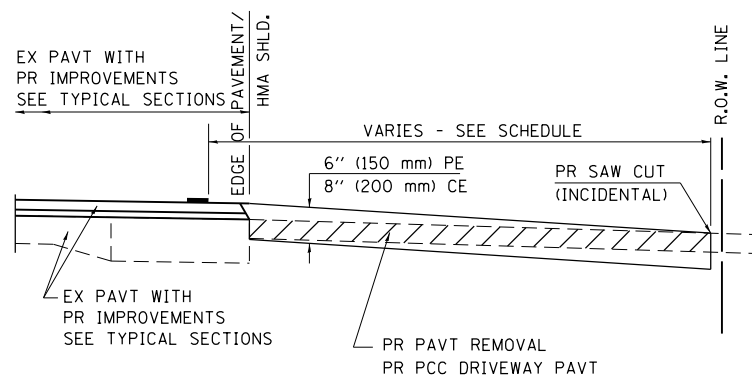
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



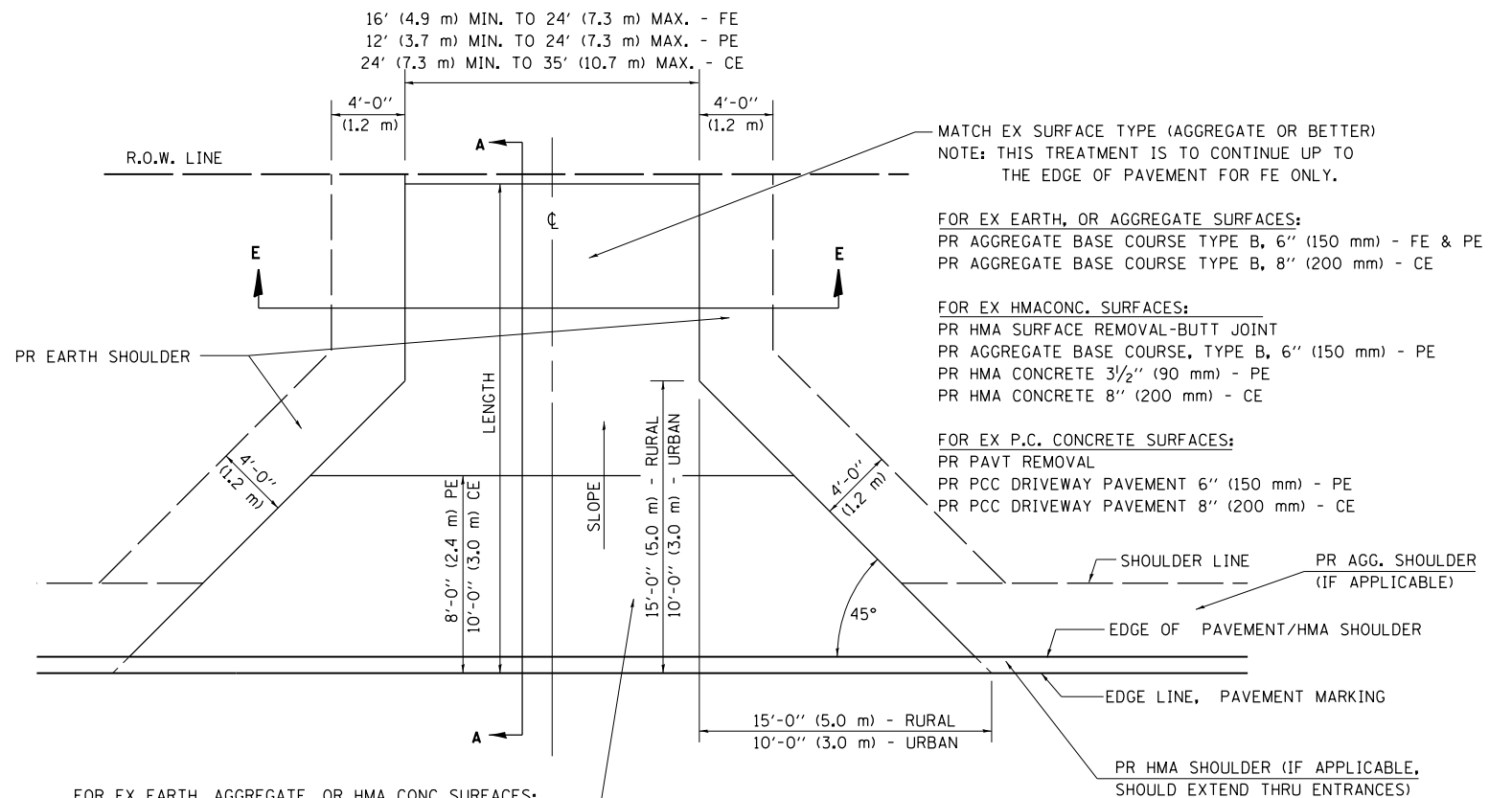
SECTION A-A FOR EX EARTH/AGGREGATE CE



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

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.

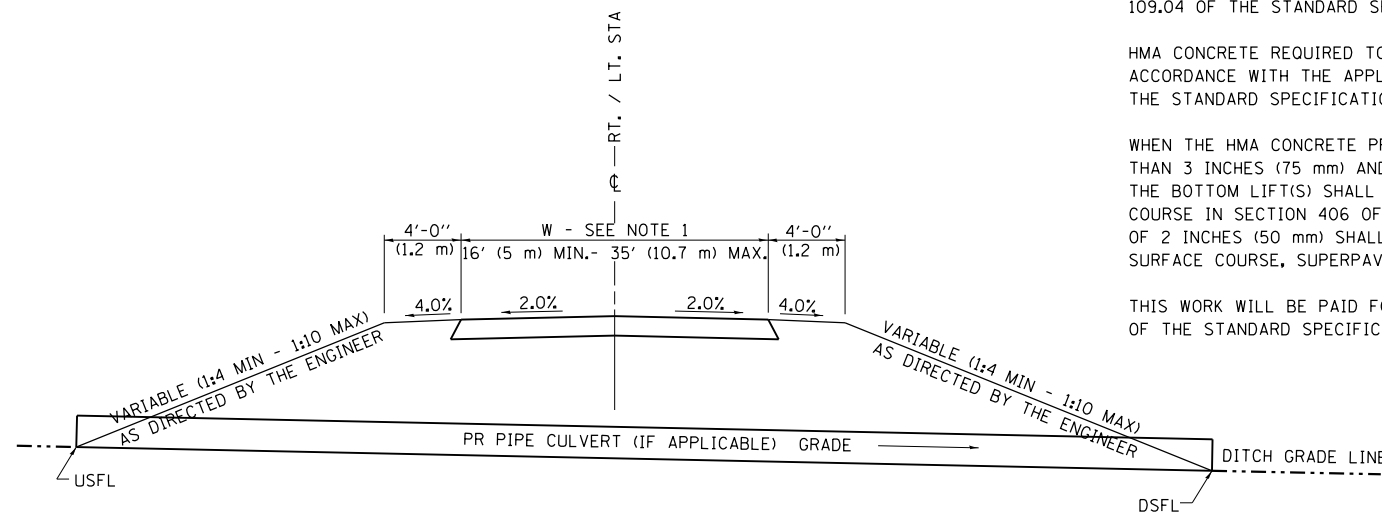
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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 =	USER NAME = Chris	DESIGNED -	REVISED - 2/19/03 (JCN)
E:\1007\W02\Phase 1\1\672087-sht-distric	detail.dgn	DRAWN - CADD	REVISED - 4/01/04 (JCN)
	PLOT SCALE = 48.000' / in.	CHECKED - JCN	REVISED - 8/01/07 (JCN)
	PLOT DATE = 8/5/2016	DATE - FEBRUARY 23, 1999	REVISED - 01/2013

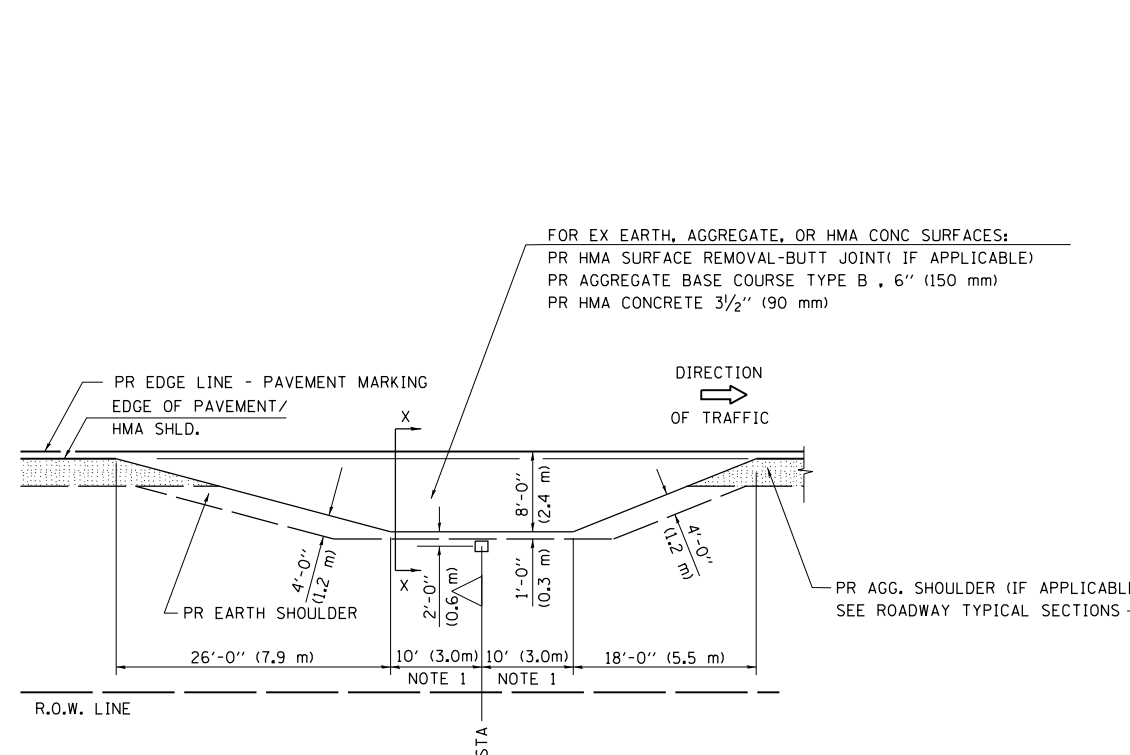
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

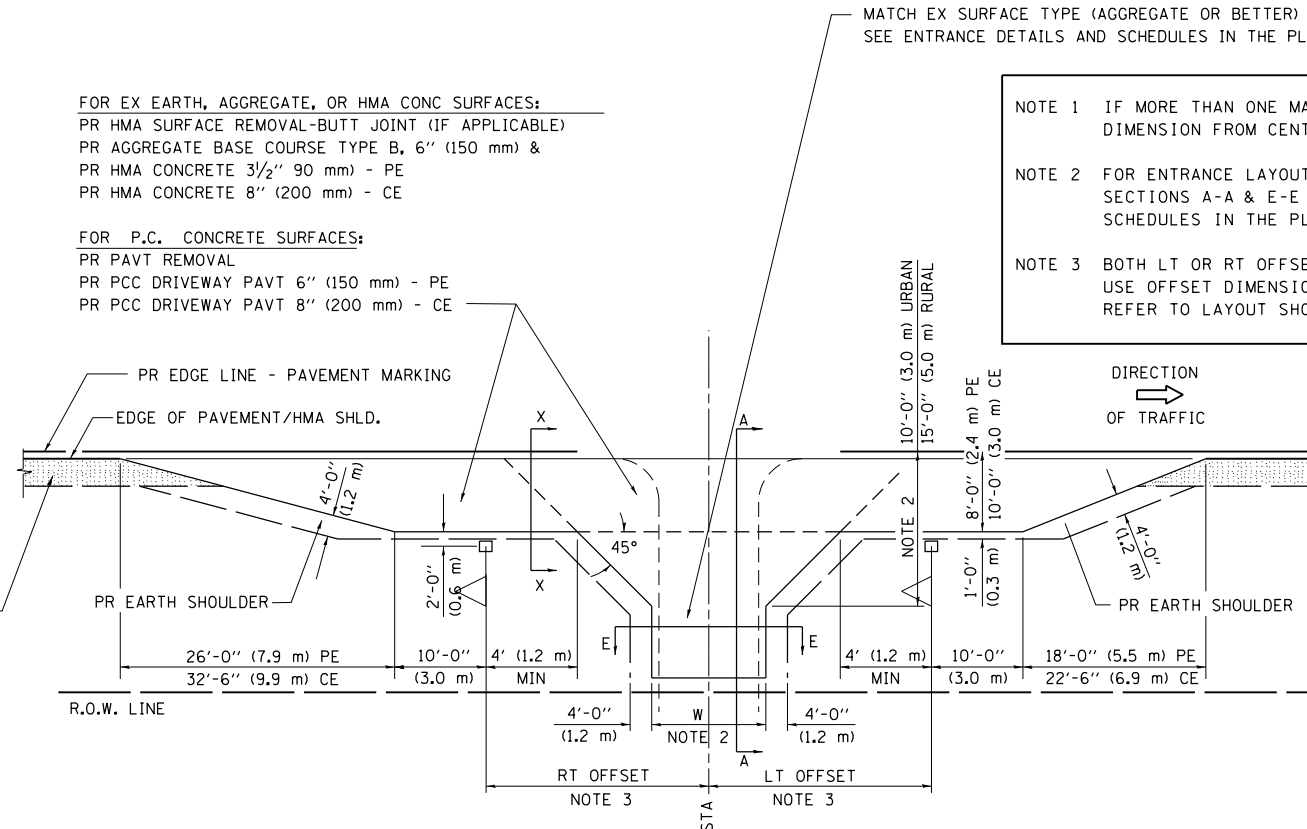
SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	16
CONTRACT NO. 72087				
ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

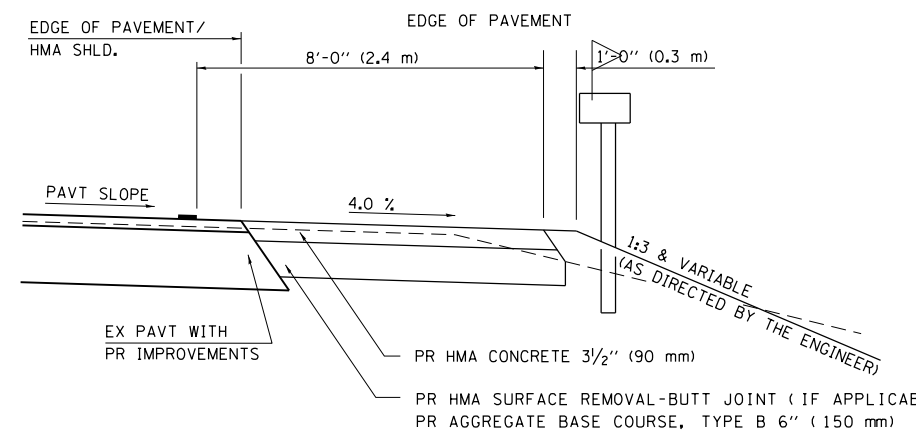


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE

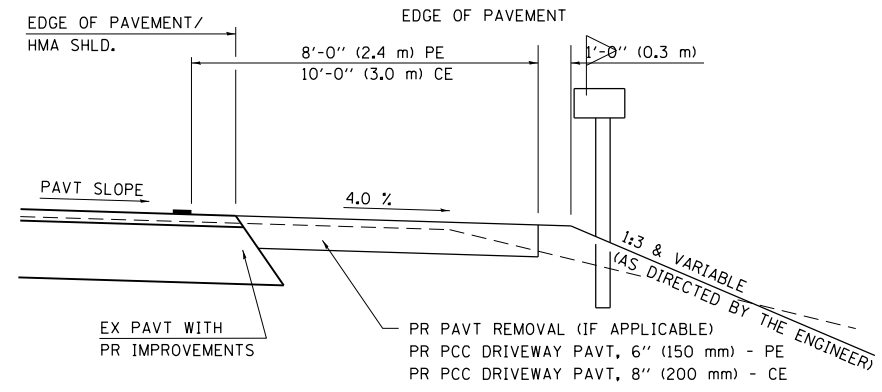
NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

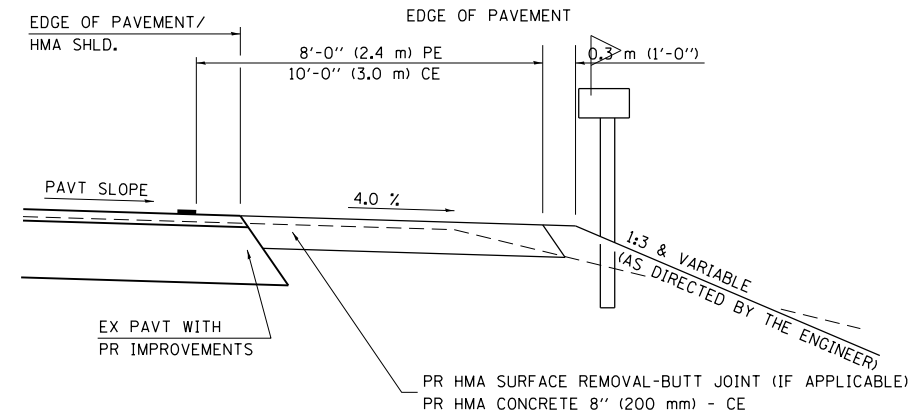
NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.



**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 = E:\1007\W02\Phase 1\1\672087-sht-district	USER NAME = Chris	DESIGNED -	REVISED - 2/19/03 (JCN)
detail.dgn		DRAWN - CADD	REVISED - 4/01/04 (JCN)
PLOT SCALE = 48.000' / in.		CHECKED - JCN	REVISED - 8/01/07 (JCN)
PLOT DATE = 8/5/2016		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 NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	17
CONTRACT NO. 72087				
ILLINOIS FED. AID PROJECT				

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "3R" PROJECTS																	
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ HMA SHLD TO LIMITS OF IMPROVEMENT)	PR HMA CONC. THICKNESS	HMA SURF. REM. - BUTT JOINT	PAVEMENT REMOVAL	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE BASE COURSE TY - B	HMA (P. C.)	AGG (P. C.)	INCIDENTAL HMA SURF.	P. C. C. DRIVEWAY PAVEMENT 6"	P. C. C. DRIVEWAY PAVEMENT 8"
(LT / RT) (STA) (+)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH / AGG. / HMA / P. C. C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	SO. YD.	TON	TON	TON	TON	TON	SO. YD.	SO. YD.
RT STA 422+58 TO STA 423+02	FE, RURAL	AGG	16	13		87											
RT STA 423+46 TO STA 423+96	FE, RURAL	AGG	22	13		87											
TOTAL =						166											

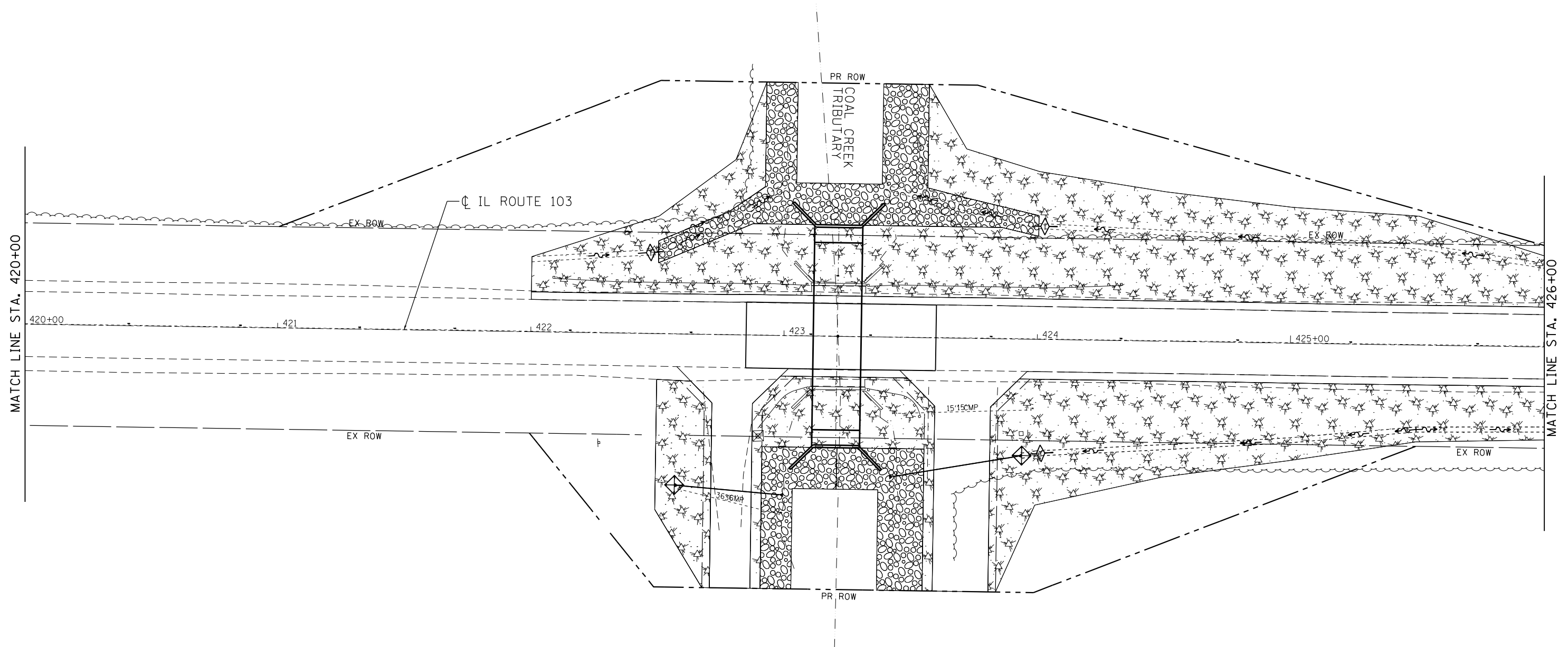
FILE NAME =	USER NAME = Chris	DESIGNED -	REVISED - 2/19/03 (JCN)
E:\1007\W02\Phase 11\0672087-sht-district	detail.dgn	DRAWN - CADD	REVISED - 8/01/07 (JCN)
	PLOT SCALE = 40.000' / in.	CHECKED - JCN	REVISED -
	PLOT DATE = 8/5/2016	DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






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

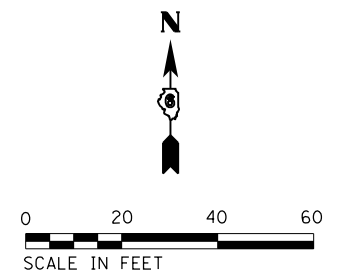
SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72087	



LEGEND

-  INLET & PIPE PROTECTION
-  MULCH, METHOD 2 & SEEDING CLASS 2
-  STONE DUMPED RIPRAP, CLASS A4 W/ FILTER FABRIC
-  TEMPORARY DITCH CHECK
-  PROPOSED DITCH FLOW



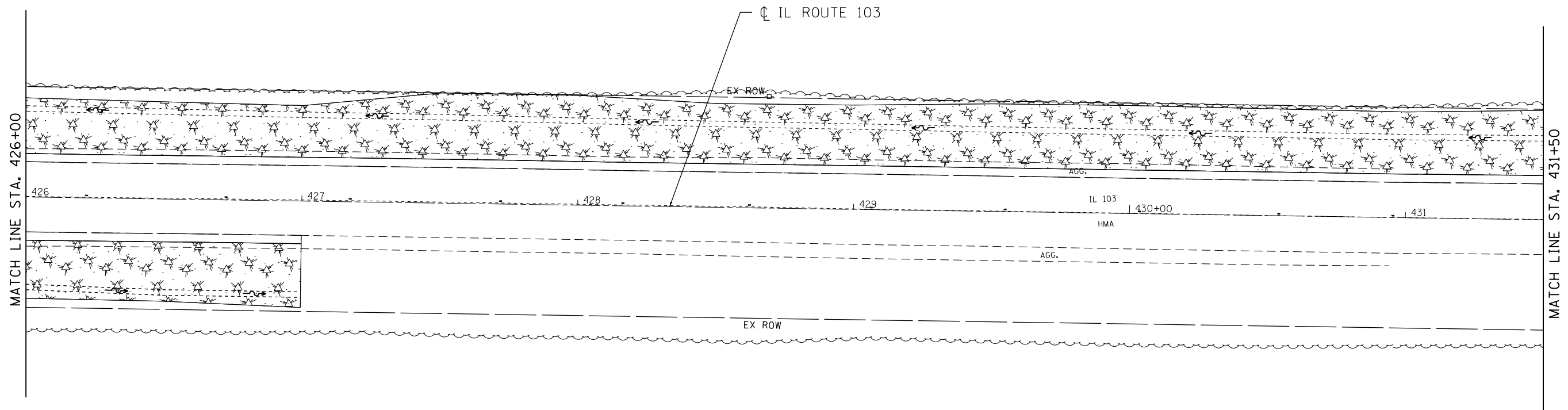
FILE NAME = E:\1007\W02\Phase 11\672087-sht-swpln.dgn	USER NAME = Chris	DESIGNED - NA	REVISED -
		DRAWN - MW	REVISED -
		CHECKED - ST	REVISED -
		DATE - 08-2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






**STORM WATER POLLUTION PREVENTION PLAN
IL 103 OVER COAL CREEK DITCH TRIBUTARY**

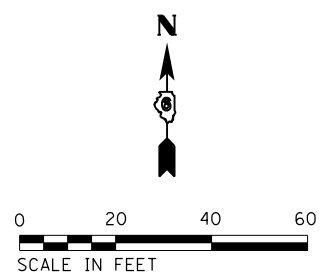
SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 420+00.00 TO STA. 426+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	19
CONTRACT NO. 72087				
ILLINOIS FED. AID PROJECT				



LEGEND

-  INLET & PIPE PROTECTION
-  MULCH, METHOD 2 & SEEDING CLASS 2
-  STONE DUMPED RIPRAP, CLASS A4 W/ FILTER FABRIC
-  TEMPORARY DITCH CHECK
-  PROPOSED DITCH FLOW



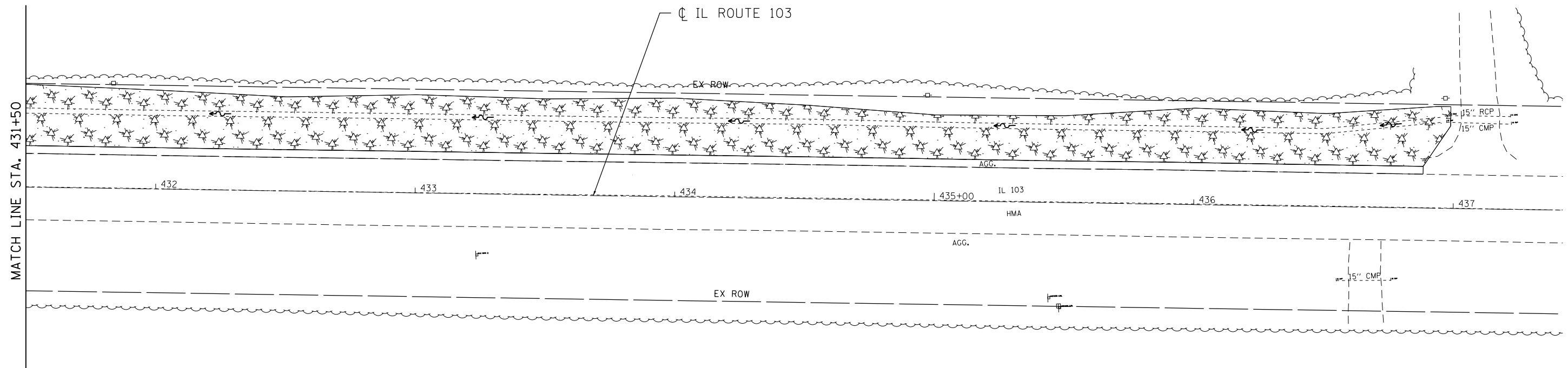
FILE NAME = E:\1007\W02\Phase 11\0672087-sht-swpln2.dgn	USER NAME = Chris	DESIGNED - NA	REVISED -
		DRAWN - MW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - ST	REVISED -
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






**STORM WATER POLLUTION PREVENTION PLAN
IL 103 OVER COAL CREEK DITCH TRIBUTARY**

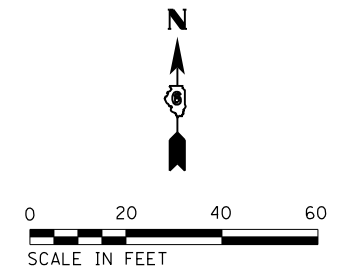
SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 426+00.00 TO STA. 431+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	20
CONTRACT NO. 72087				
ILLINOIS FED. AID PROJECT				



LEGEND

-  INLET & PIPE PROTECTION
-  MULCH, METHOD 2 & SEEDING CLASS 2
-  STONE DUMPED RIPRAP, CLASS A4 W/ FILTER FABRIC
-  TEMPORARY DITCH CHECK
-  PROPOSED DITCH FLOW



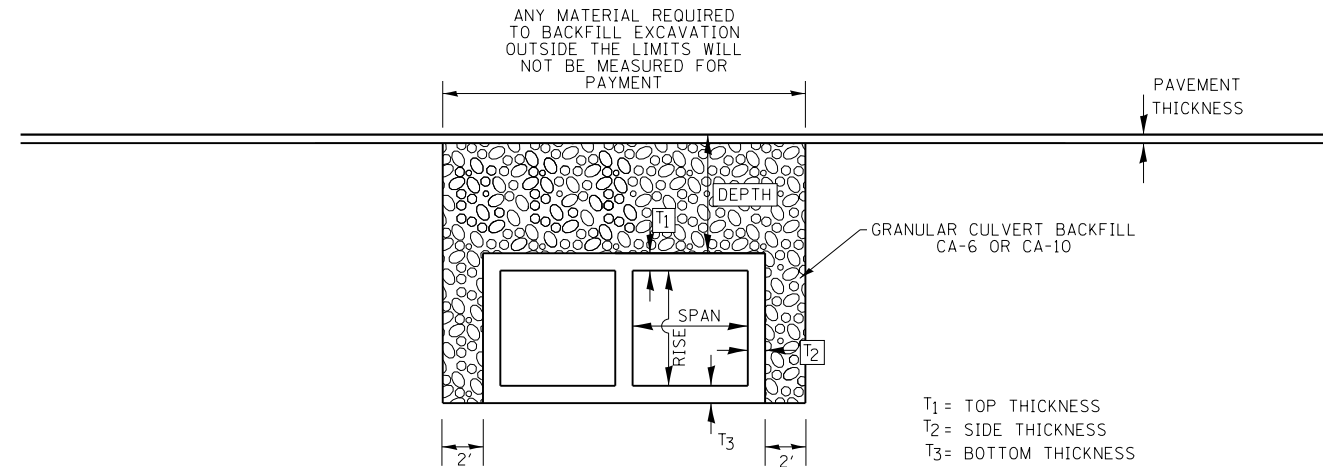
FILE NAME = E:\1007\W02\Phase 11\0672087-sht-swpln.dgn	USER NAME = Chris	DESIGNED - NA	REVISED -
		DRAWN - MW	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - ST	REVISED -
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
IL 103 OVER COAL CREEK DITCH TRIBUTARY**

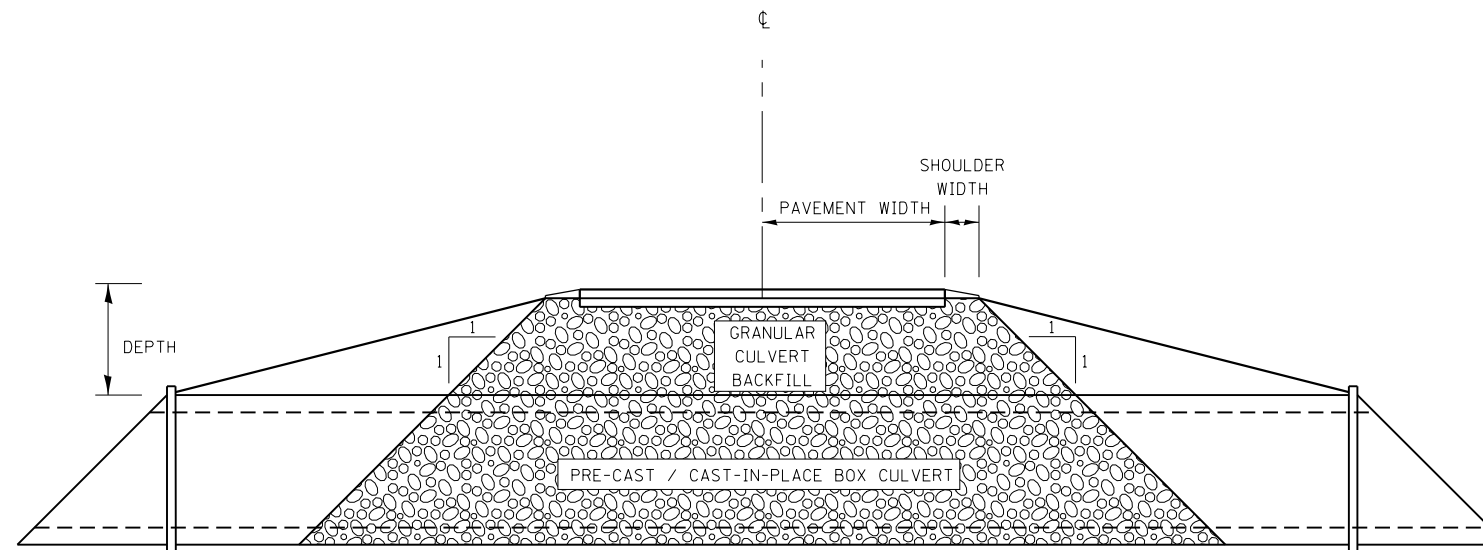
SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 431+50.00 TO STA. 436+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72087	



* NOTE: DETAIL MODIFIED FOR SN 085-2517.

PROFILE GRANULAR CULVERT BACKFILL DETAIL



CROSS SECTION GRANULAR CULVERT BACKFILL DETAIL

FILE NAME = ...\\DGN F11as\0852517-72087.dgn



USER NAME = Lin.31	DESIGNED - JJA	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE = 0.2" = 1'-0"	DRAWN - AJF	REVISED -
PLOT DATE = 8/5/2016 8:23:45 AM	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRANULAR CULVERT BACKFILL DETAILS
TO BOTTOM OF BOX CULVERT

SHEET NO. 1 OF 1 SHEETS

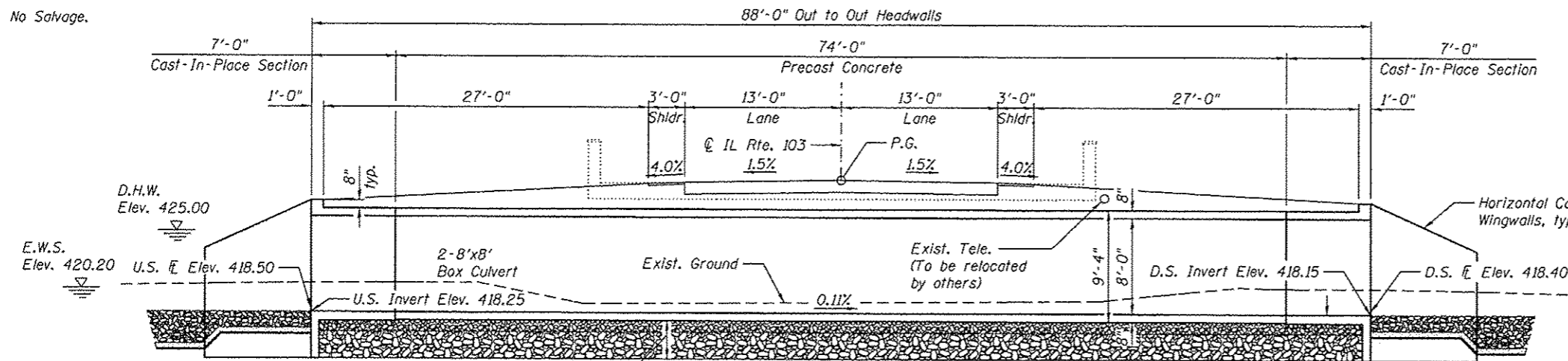
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102(BR-2)	SCHUYLER	37	22
CONTRACT NO. 72087				

ILLINOIS FED. AID PROJECT

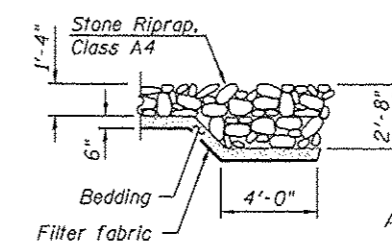
Bench Mark: BM #62, standard tablet stamped "6 PC 1976" top wingwall, northwest corner of bridge no. 085-0028 on IL Rte. 103 over Coal Creek Tributary, Sta. 423+10.58 @ 21.8' Lt. Elev. 428.94 (NAVD 88).

Existing Structure: S.N. 085-0028 built in 1929 as S.B.I. Route 103, Section 102,B at Sta. 423+27. Structure consists of a single span reinforced concrete deck slab supported by closed abutments on untreated timber piles, 22'-0" back-to-back abutments, 42'-2" out-to-out deck. Structure is to be removed and replaced with an 88'-0", double barrel 8'x8' precast concrete box culvert with C.I.P. end sections. Traffic to be detoured during construction.

No Salvage.



4'-0" Removal of unsuitable materials to be replaced with 3'-6" Rockfill-Foundation capped with an additional 6" of Porous Granular Embankment bedding material 2'-0" beyond each side, typ. The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.



SECTION A-A

INDEX OF SHEETS

1. General Plan & Elevation
2. Culvert Details
- 3.-4. Soil Borings

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
2014 AASHTO LRFD Bridge Design Specifications, 7th Edition w/2015 Interims

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

PRECAST UNITS

$f'_c = 5,000$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 65,000$ psi (Welded Wire Fabric)

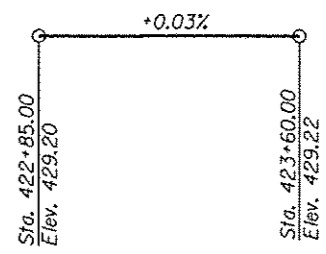
GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
The last section of precast culvert on each end shall have reinforcing bars extending from the precast culvert to be incorporated into the cast-in-place end sections as shown in the Precast Concrete Culvert End Elevation detail. Cost of #6 dowel bars included in Precast Concrete Box Culverts 8'x8'.

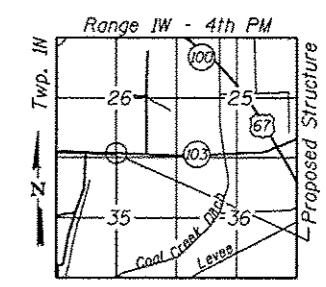
Precast concrete box culverts shall conform to the design requirements of ASTM C1577. Fill heights for the proposed condition vary between 2'-4 1/4" and 1'-10", measured from the top of the precast concrete box culvert top slab to the top of the proposed pavement.
Cost of Stone Riprap, Class A4 and Filter Fabric included in Roadway plans. See Special Provisions for additional information about Rockfill-foundation, Granular Culvert Backfill, and Dewatering Structure.
See GBSP for additional information about Weep Hole Drains for Abutments, Wingwalls, Retaining Walls and Culverts.

STATION 423+21.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RTE. 612 SEC. 102(BR-2)
LOADING HL-93
STRUCTURE NO. 085-2517

NAME PLATE
See Std. 515001

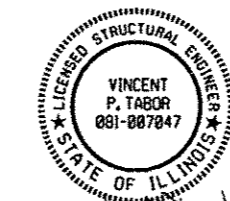


PROFILE GRADE (Along IL Rte. 103)

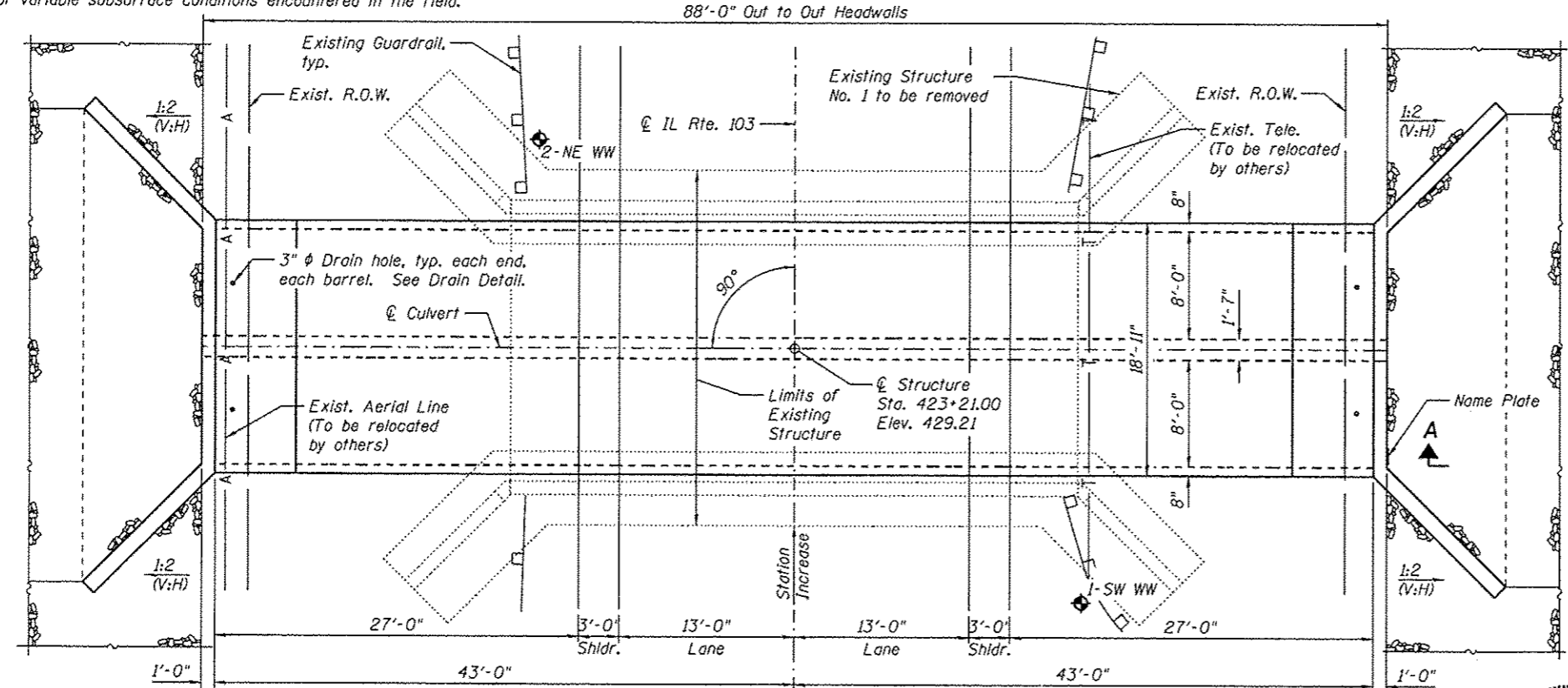


LOCATION SKETCH

APPROVED
For Structural Adequacy Only
Vincent P. Tabor
Engineer of Bridges & Structures



Vincent P. Tabor 8/5/2016
Date
Vincent P. Tabor
Licensed Structural Engineer
State of Illinois No. 081-007047
Expires 11/30/2016



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	37
Removal of Existing Structures No. 1	Each	1
Reinforcement Bars	Pound	13290
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	49.4
Precast Concrete Box Culverts 8'x8'	Foot	148
Granular Culvert Backfill	Cu. Yd.	89
Rockfill-Foundation	Ton	487
Dewatering Structure No. 1	Each	1

WATERWAY INFORMATION

Flood	Freq. Yr.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.		
		0	10		Exist.	Prop.	Exist.	Prop.	
Design	10	223	89	88	424.0	0.0	0.1	424.1	424.2
	50	345	108	104	425.0	0.1	0.2	425.1	425.2
Base	100	399	116	110	425.4	0.1	0.2	425.5	425.6
	500	527	131	123	426.2	0.1	0.3	426.3	426.5

10 year velocity through exist. bridge = 2.5 fps
10 year velocity through prop. culvert = 2.5 fps



USER NAME - Lin, JI	DESIGNED - JJA	REVISED -
PLOT SCALE - 8/2" = 1'	CHECKED - VPT	REVISED -
PLOT DATE - 8/5/2016 8:23:29 AM	DRAWN - AJF	REVISED -
	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

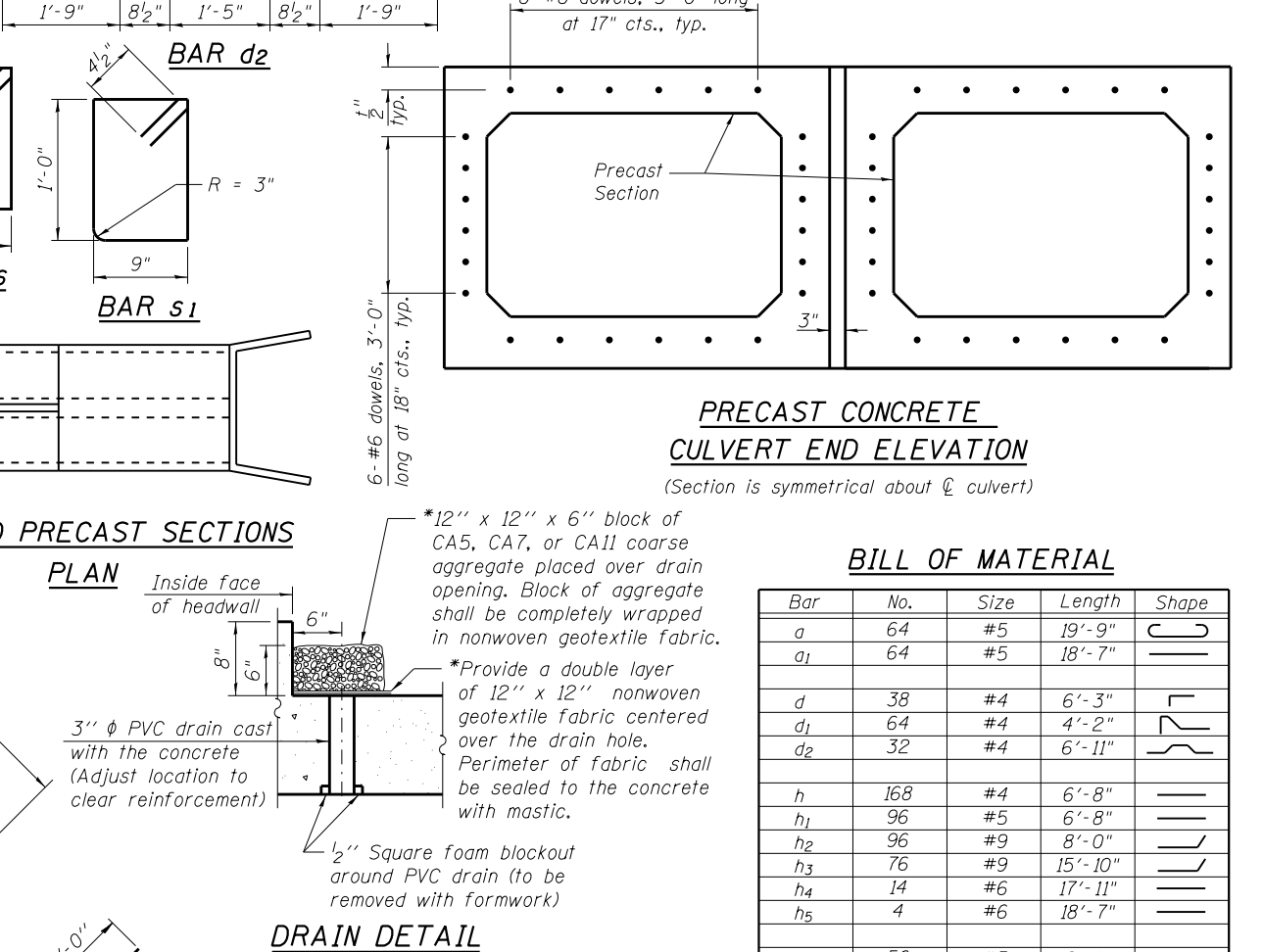
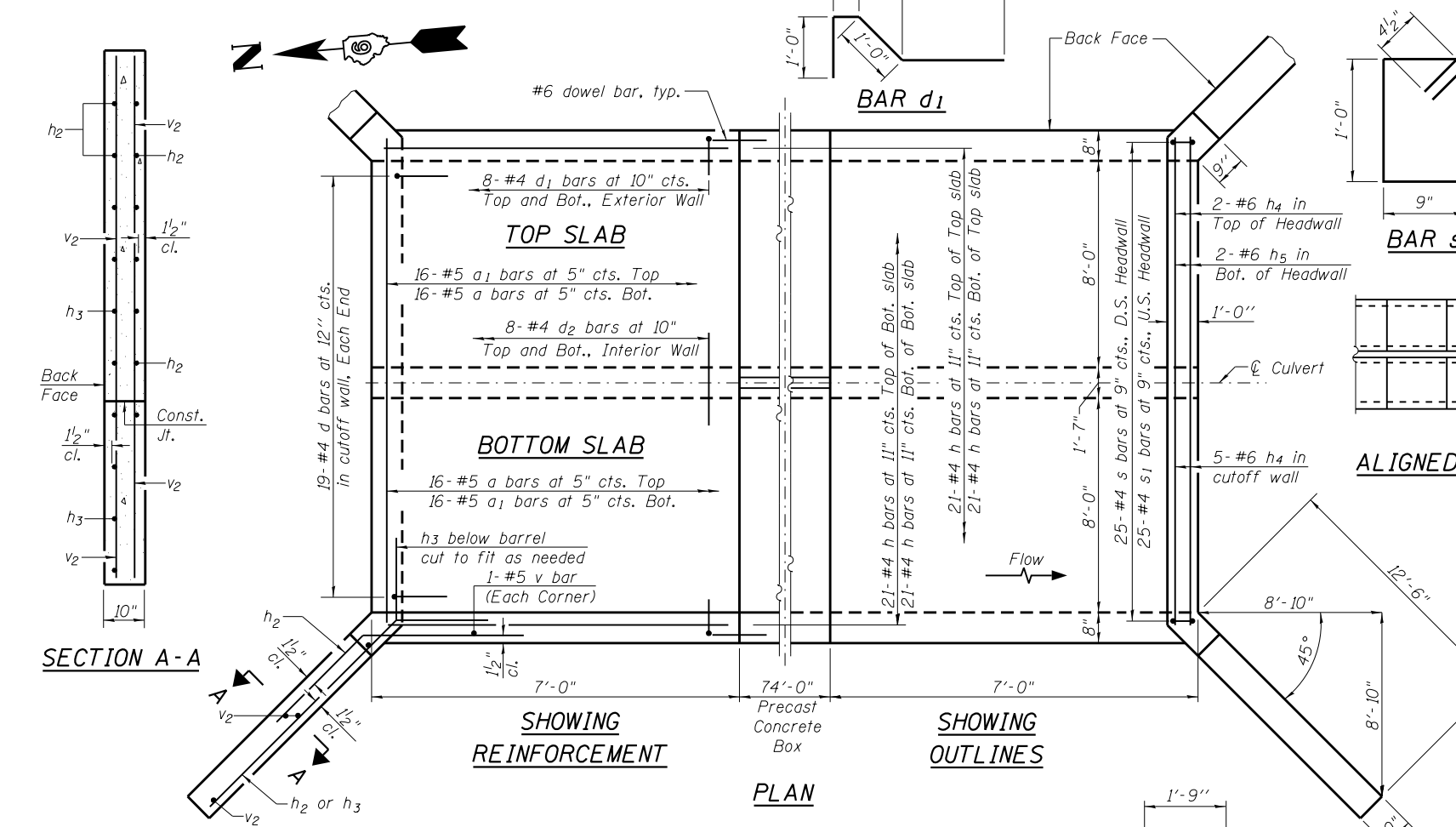
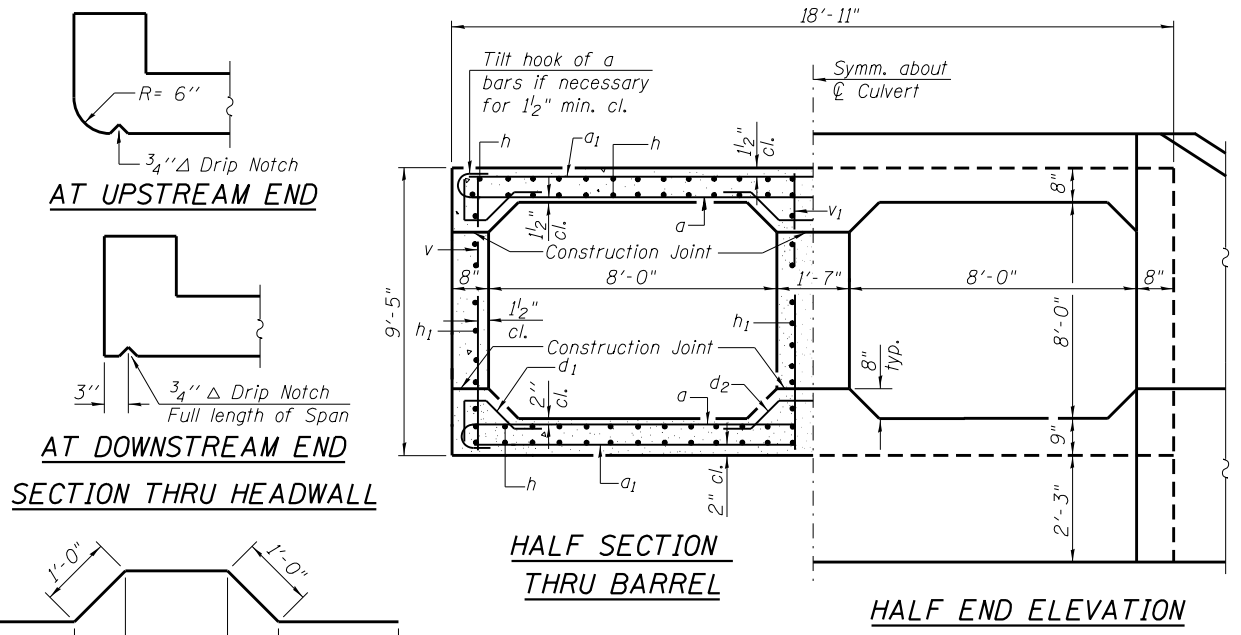
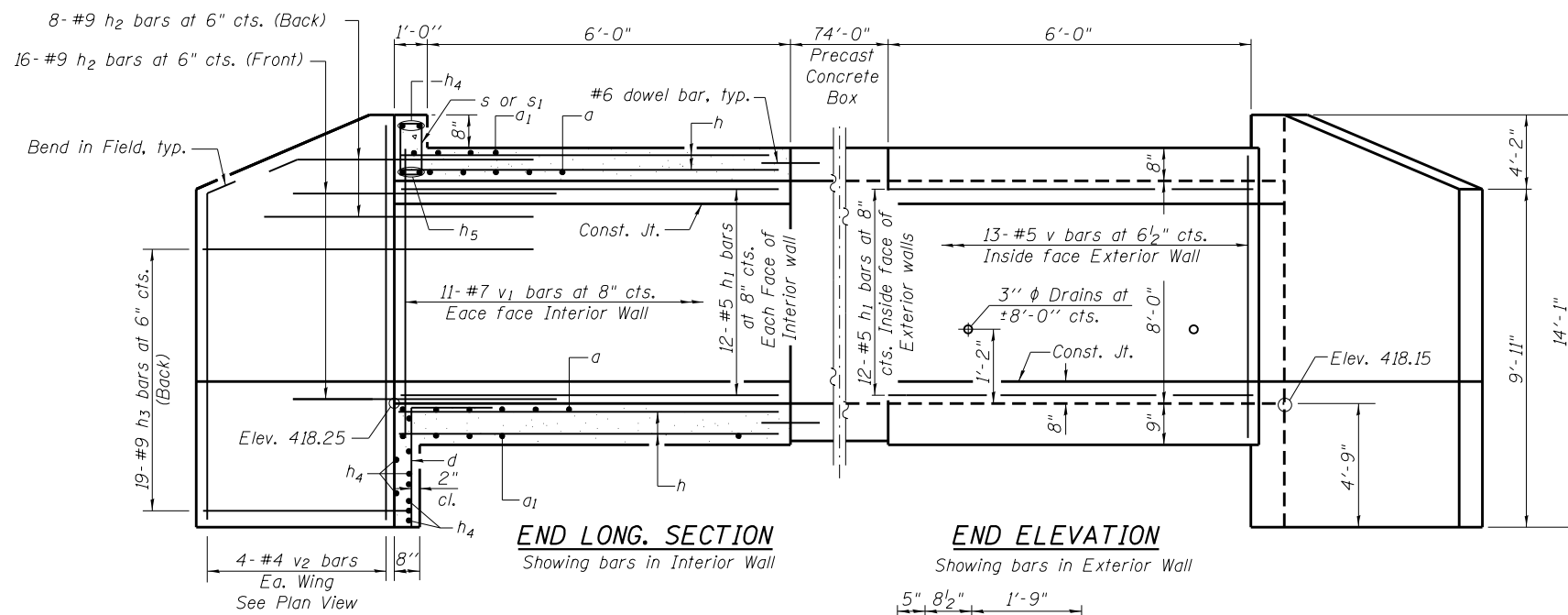
GENERAL PLAN & ELEVATION
STRUCTURE NO. 085-2517

SHEET NO. 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102(BR-2)	SCHUYLER	37	23

CONTRACT NO. 72087

ILLINOIS FED. AID PROJECT



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	64	#5	19'-9"	U
a ₁	64	#5	18'-7"	—
d	38	#4	6'-3"	U
d ₁	64	#4	4'-2"	U
d ₂	32	#4	6'-11"	U
h	168	#4	6'-8"	—
h ₁	96	#5	6'-8"	—
h ₂	96	#9	8'-0"	—
h ₃	76	#9	15'-10"	—
h ₄	14	#6	17'-11"	—
h ₅	4	#6	18'-7"	—
v	56	#5	9'-1"	—
v ₁	44	#7	9'-1"	—
v ₂	16	#4	13'-9"	—
s	25	#4	4'-3"	□
s ₁	25	#4	4'-3"	□
Concrete Box Culverts			Cu. Yd.	49.4
Reinforcement Bars			Pound	13290

Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications. Cost shall be included in the cost of Concrete Box Culverts.

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)
 *Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

FILE NAME = ... \DGN Files\0852517-72087.dgn

LE LIN ENGINEERING, LTD.
 Consulting Engineers
 Springfield, Illinois

USER NAME = Lin.31	DESIGNED - JJA	REVISED -
PLOT SCALE = @2 1/4" = 1'-0"	CHECKED - VPT	REVISED -
PLOT DATE = 8/5/2016 8:23:30 AM	DRAWN - AJF	REVISED -
	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 085-2517
 SHEET NO. 2 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102(BR-2)	SCHUYLER	37	24
				CONTRACT NO. 72087
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 12/10/10

ROUTE FAP 612 DESCRIPTION Culvert Carrying IL 103 over Trib to Coal Creek LOGGED BY M.Tappan

SECTION 102(BR-3) LOCATION SE 1/4, SEC. 26, TWP. 1N, RNG. 1W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 085-2517 Station 423+21

BORING NO. 1-SW WW Station 422+87
Offset 31.0ft RT
Ground Surface Elev. 428.4 ft

DEPTH		BULGE		SHEAR		PENETROMETER		ESTIMATED		SOIL DESCRIPTION	ELEVATION	DEPTH	BULGE	SHEAR	PENETROMETER	ESTIMATED
(ft)	/6"	(tsf)	(%)	(ft)	/6"	(tsf)	(%)									
Brown and Gray Moist SILTY CLAY																
1										Disturbed		1				
5		2.4	23								405.40	5	B			
Brown and Gray Moist Silty Clay																
1												1				
2		1.9	27									2		0.4	36	
3		B										3		B		
Brown and Gray Moist Silty Clay																
1												1				
1		0.7	22									2		B		
Brown and Gray Moist Silty Clay																
1												1				
2		0.8	27									2		B		
Brown and Gray Moist Silty Clay																
1												1				
1		0.8	31									2		B		
Brown and Gray Moist Silty Clay																
1												1				
2		0.9	32									2		B		
Brown and Gray Moist Silty Clay																
1												1				
2		B										2		B		
Brown and Gray Moist Silty Clay																
FREE WATER																
Lt Blue Gray and Brown Moist Silty Clay																
FREE WATER																
Gray Med SAND																
1												1				
1												1				
Gray Med SAND																
1												1				
2												2				
Gray Dirty Med Sand w/ 1/4" Pea Gravel																
2												2				
2												2				
Gray Dirty Med Sand w/ 1/4" Pea Gravel																

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, 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:\SOIL\SIGINT FILES\SCHUYLER\085-2517_IL_103_OVER_TRIB_TO_COAL_CREEK.GPJ Data Template DSTEMPLT.GDT Date Printed 4/22/11
Latitude 40.1688N Longitude 90.028875W Datum NAD83 Job Number 72087



SOIL BORING LOG

Date 12/10/10

ROUTE FAP 612 DESCRIPTION Culvert Carrying IL 103 over Trib to Coal Creek LOGGED BY M.Tappan

SECTION 102(BR-3) LOCATION SE 1/4, SEC. 26, TWP. 1N, RNG. 1W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 085-2517 Station 423+21

BORING NO. 1-SW WW Station 422+87
Offset 31.0ft RT
Ground Surface Elev. 428.4 ft

DEPTH		BULGE		SHEAR		PENETROMETER		ESTIMATED		SOIL DESCRIPTION	ELEVATION	DEPTH	BULGE	SHEAR	PENETROMETER	ESTIMATED
(ft)	/6"	(tsf)	(%)	(ft)	/6"	(tsf)	(%)									
Gray Med to Coarse SANDY GRAVEL (continued)																
Boring Complete																

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, 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:\SOIL\SIGINT FILES\SCHUYLER\085-2517_IL_103_OVER_TRIB_TO_COAL_CREEK.GPJ Data Template DSTEMPLT.GDT Date Printed 4/22/11
Latitude 40.1688N Longitude 90.028875W Datum NAD83 Job Number 72087

FILE NAME = ... \DON FILES\0852517-72087.dgn



USER NAME = Lin.31	DESIGNED - JJA	REVISED -
CHECKED - VPT	REVISION -	
PLOT SCALE = 0x2' = 1/4" = 1/4"	DRAWN - AJF	REVISED -
PLOT DATE = 8/5/2016 8:23:31 AM	CHECKED - VPT	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS STRUCTURE NO. 085-2517

SHEET NO. 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102(BR-2)	SCHUYLER	37	25
				CONTRACT NO. 72087

ILLINOIS FED. AID PROJECT



SOIL BORING LOG

Date 12/9/10

ROUTE FAP 612 DESCRIPTION Culvert Carrying IL 103 over Trib to Coal Creek LOGGED BY M.Tappan

SECTION 102(BR-3) LOCATION SE 1/4, SEC. 26, TWP. 1N, RNG. 1W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. <u>085-2517</u>	D E P T H (ft)	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. <u>421.8</u> ft	D E P T H (ft)	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)
Station <u>423+21</u>					Stream Bed Elev. <u>Frozen</u> ft				
BORING NO. <u>2-NE WW</u>					<input checked="" type="checkbox"/> First Encounter <u>412.2</u> ft				
Station <u>423+46</u>					<input checked="" type="checkbox"/> Upon Completion <u>Washed</u> ft				
Offset <u>16.0ft LT</u>					<input checked="" type="checkbox"/> After <u> </u> Hrs. <u>Plugged</u> ft				
Ground Surface Elev. <u>428.7</u> ft									

Brown and V. Gray Moist SILTY CLAY	1				421.8	0			
	2	0.9	26						
	3	B							
Gray V. Moist SILTY CLAY WASHED	1				405.20	0			
	2	1.3	27						
	3	B							
Brown and Gray Moist Silty Clay	1				397.70	1			
	1	0.8	26						
	2	B							
Lt Olive Brown and Gray Moist Silty Clay	1				412.20	1			
	1	0.8	28						
	3	B							
Gray Dirty Med to Coarse SAND FREE WATER	0				397.70	1			
	1	0.5	30						
	1	B							
Gray Fine Sandy Gravel WASHED	0				412.20	1			
	1	0.6	30						
	2	B							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, 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\GINT FILES\SCHUYLER\ER085-2517 IL 103 OVER TRIB TO COAL CREEK.GPJ Data Template DSTEMPLT.GDT Date Printed 4/22/11
 Latitude 40D 1.683N Longitude 90D 28.865W Datum NAD83 Job Number 72087



SOIL BORING LOG

Date 12/9/10

ROUTE FAP 612 DESCRIPTION Culvert Carrying IL 103 over Trib to Coal Creek LOGGED BY M.Tappan

SECTION 102(BR-3) LOCATION SE 1/4, SEC. 26, TWP. 1N, RNG. 1W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. <u>085-2517</u>	D E P T H (ft)	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. <u>421.8</u> ft	D E P T H (ft)	B L O W S (ft)	U C S Qu (tsf)	M O I S T (%)
Station <u>423+21</u>					Stream Bed Elev. <u>Frozen</u> ft				
BORING NO. <u>2-NE WW</u>					<input checked="" type="checkbox"/> First Encounter <u>412.2</u> ft				
Station <u>423+46</u>					<input checked="" type="checkbox"/> Upon Completion <u>Washed</u> ft				
Offset <u>16.0ft LT</u>					<input checked="" type="checkbox"/> After <u> </u> Hrs. <u>Plugged</u> ft				
Ground Surface Elev. <u>428.7</u> ft									

Gray Med to Coarse SANDY GRAVEL WASHED (continued)					383.70	-45	8		
	5								
	7								
Boring Complete					-50				
					-55				
					-60				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, 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\GINT FILES\SCHUYLER\ER085-2517 IL 103 OVER TRIB TO COAL CREEK.GPJ Data Template DSTEMPLT.GDT Date Printed 4/22/11
 Latitude 40D 1.683N Longitude 90D 28.865W Datum NAD83 Job Number 72087

FILE NAME = ... \GDN Files\0852517-72087.dgn



USER NAME = Lin.31	DESIGNED - JJA	REVISED -
CHECKED - VPT	REVISED -	
PLOT SCALE = 0x2 1/4" / in.	DRAWN - AJF	REVISED -
PLOT DATE = 8/5/2016 8:23:38 AM	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
STRUCTURE NO. 085-2517

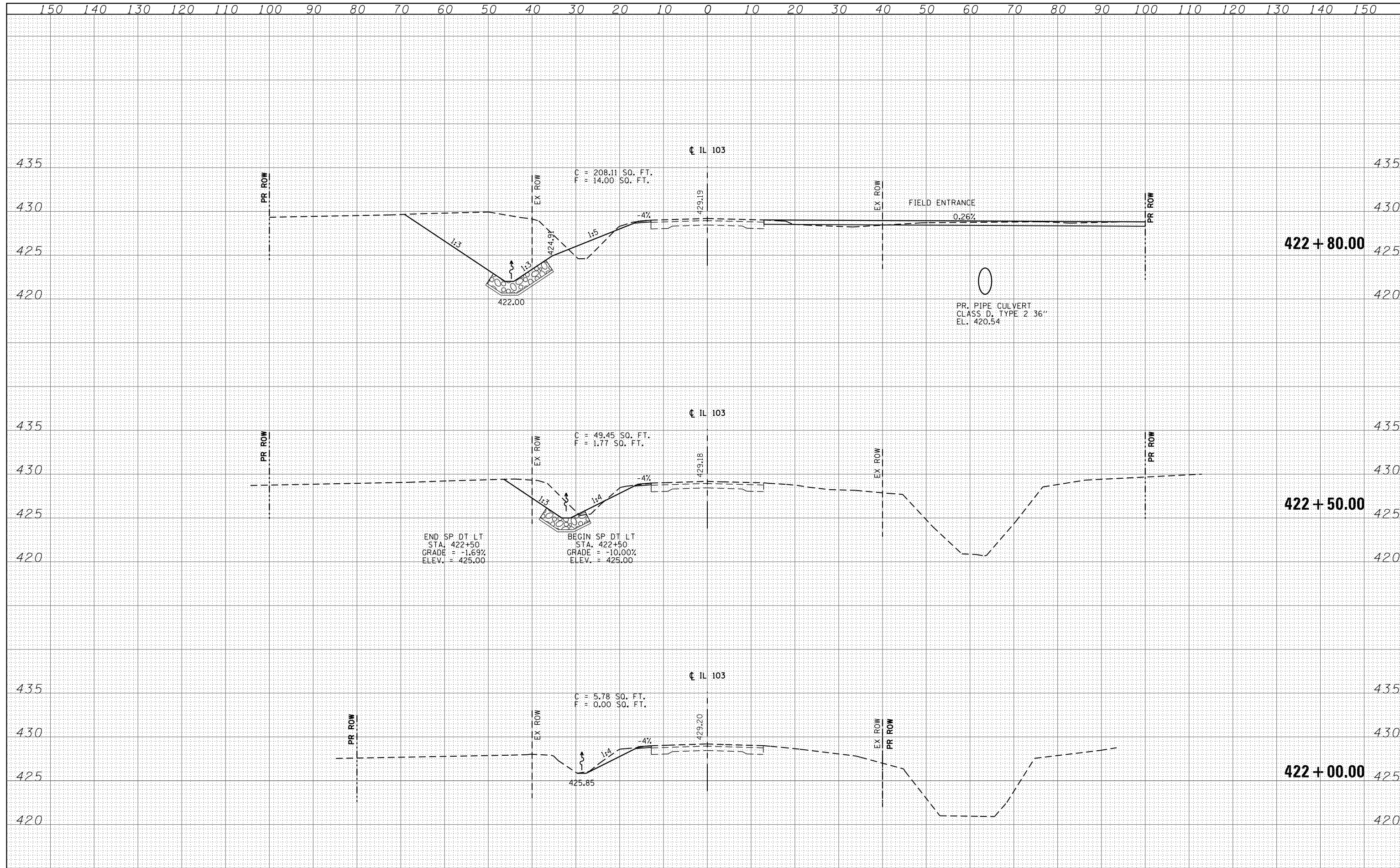
SHEET NO. 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102(BR-2)	SCHUYLER	37	26
CONTRACT NO. 72087				

ILLINOIS FED. AID PROJECT

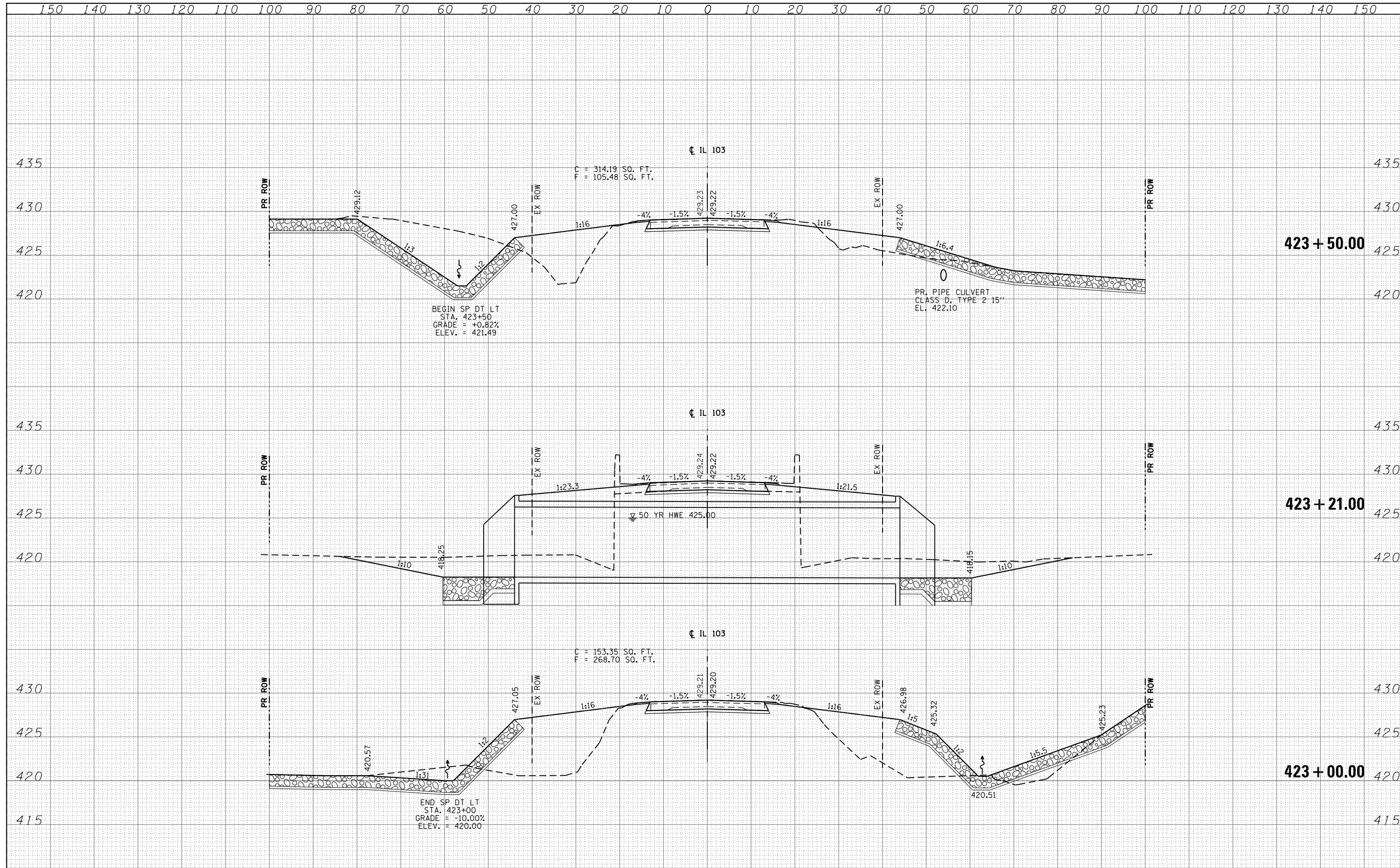
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = E:\1007\W02\Phase 11\10672087-sht-xssht.dgn

USER NAME = Chris	DESIGNED - NA	REVISED -
	DRAWN - MW	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/5/2016	DATE - 08-2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

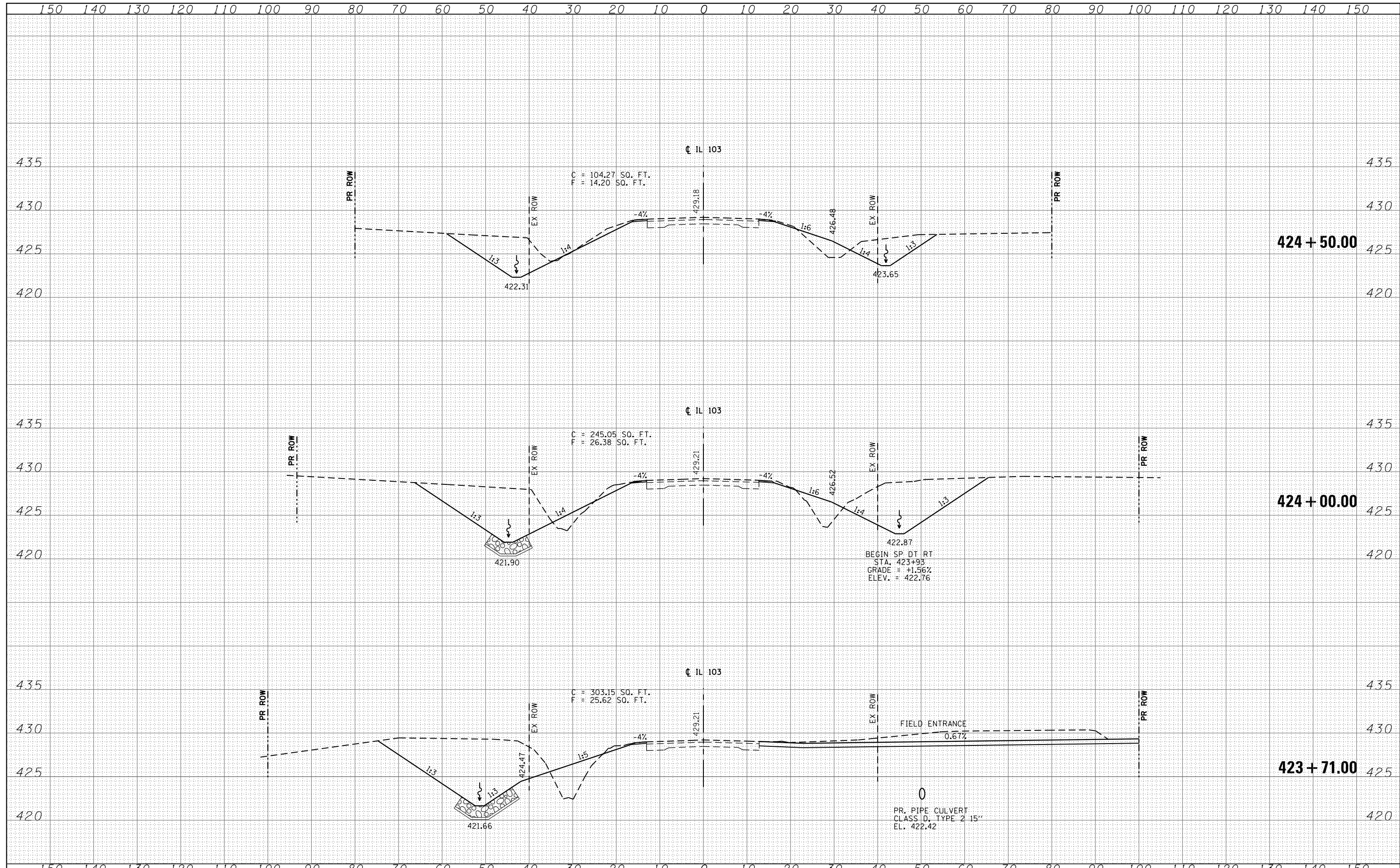
**CROSS SECTIONS
IL 103 OVER COAL CREEK DITCH TRIBUTARY**

SCALE: 1"=10'H, 5'V SHEET NO. 2 OF 11 SHEETS STA. 423+00.00 TO STA. 423+50.00

F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 28
			CONTRACT NO. 72087	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
 E:\1007\W02\Phase 11\10672087-sht-xssht.dgn

USER NAME = Chris	DESIGNED - NA	REVISED -
	DRAWN - MW	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 8/5/2016	DATE - 08-2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

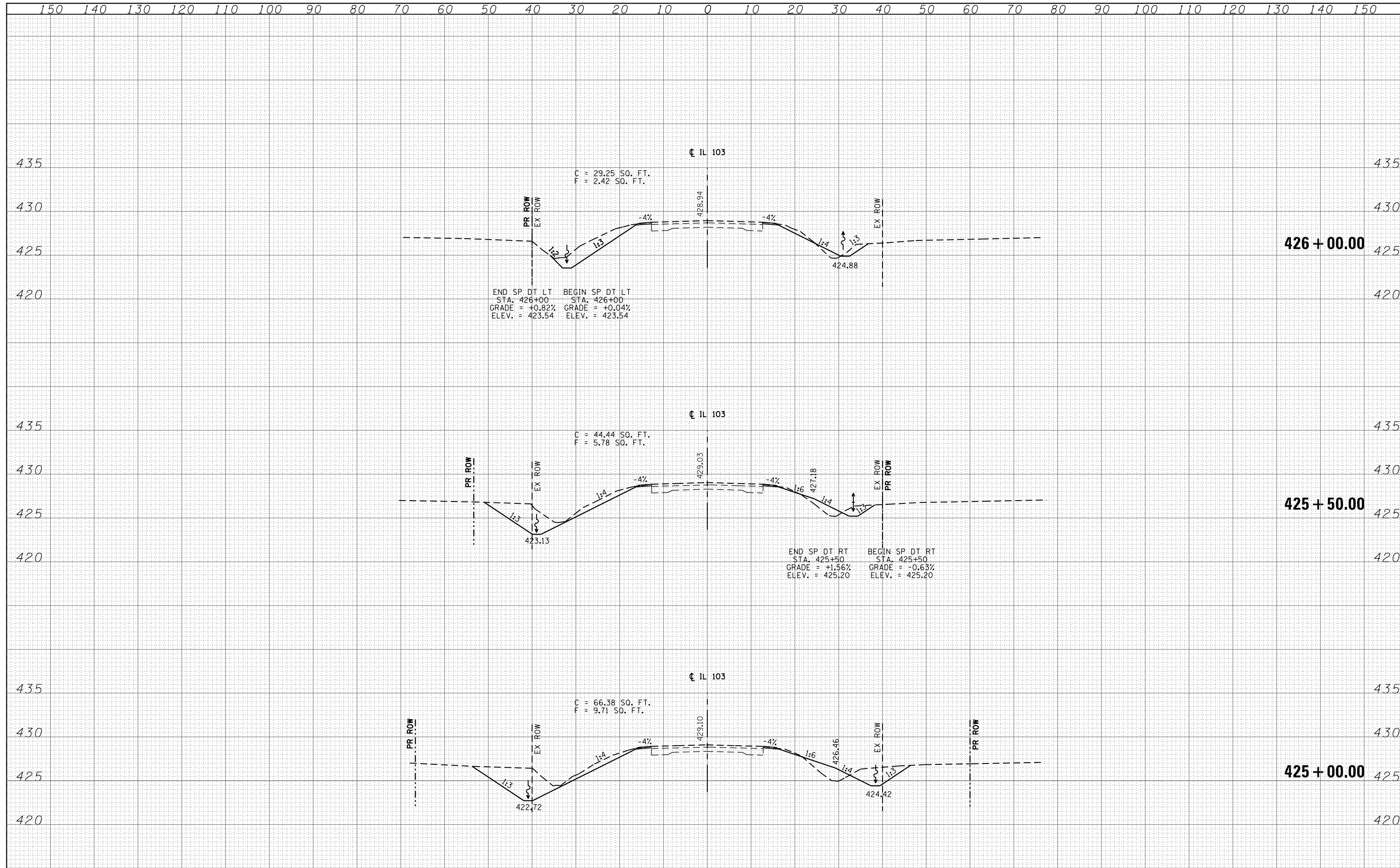
**CROSS SECTIONS
 IL 103 OVER COAL CREEK DITCH TRIBUTARY**

SCALE: 1"=10'H, 5'V SHEET NO. 3 OF 11 SHEETS STA. 423+71.00 TO STA. 424+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	102BR-2	SCHUYLER	37	29
CONTRACT NO. 72087				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

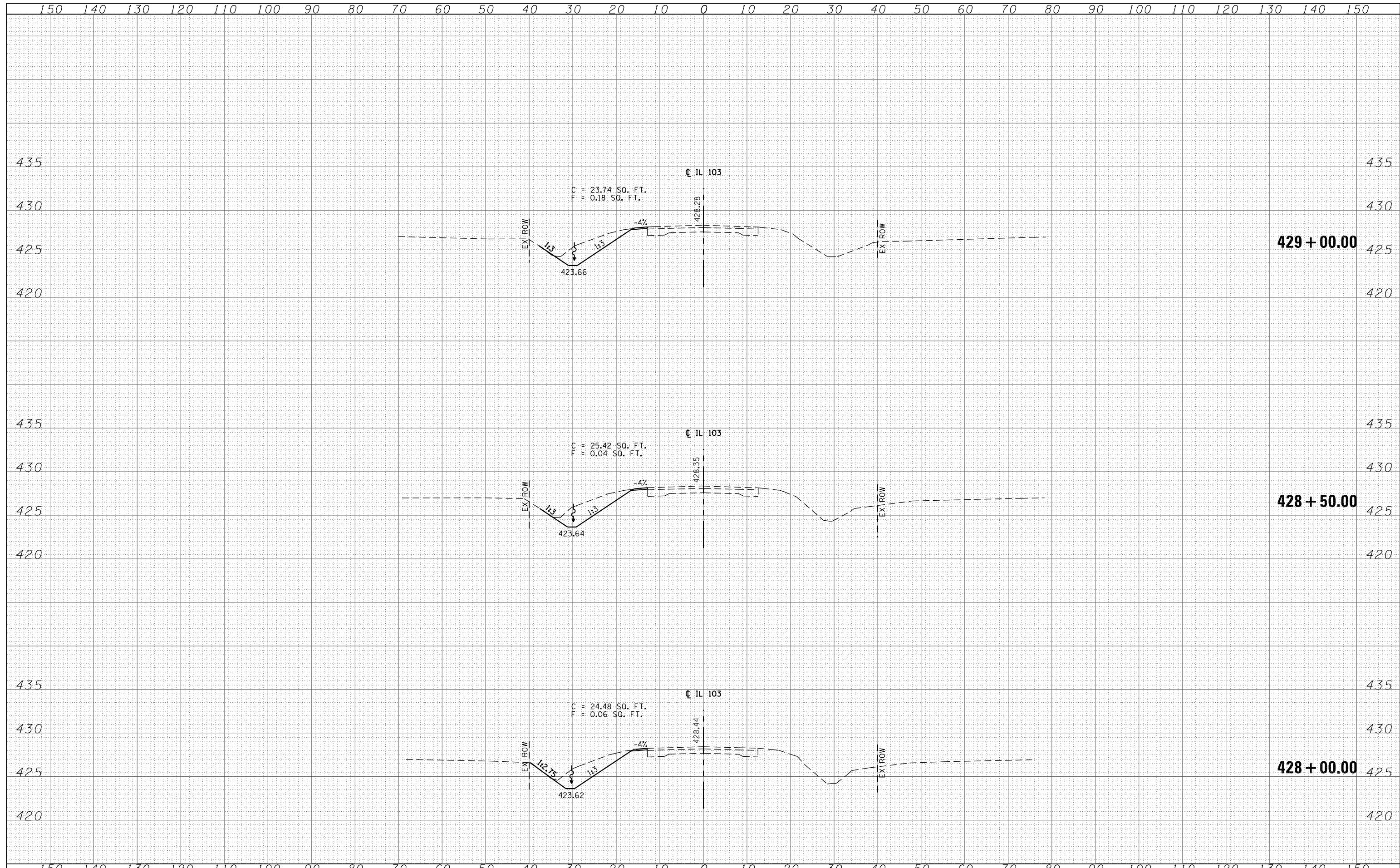
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = E:\1007\W02\Phase 11\10672087-sht-xssht.dgn	USER NAME = Chris	DESIGNED - NA	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 30	
PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -	REVISIED -		SCALE: 1"=10'H, 5'V	SHEET NO. 4 OF 11 SHEETS	STA. 425+00.00 TO STA. 426+00.00	CONTRACT NO. 72087		ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/5/2016	DATE - 08-2016	REVISIED -	REVISIED -										

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

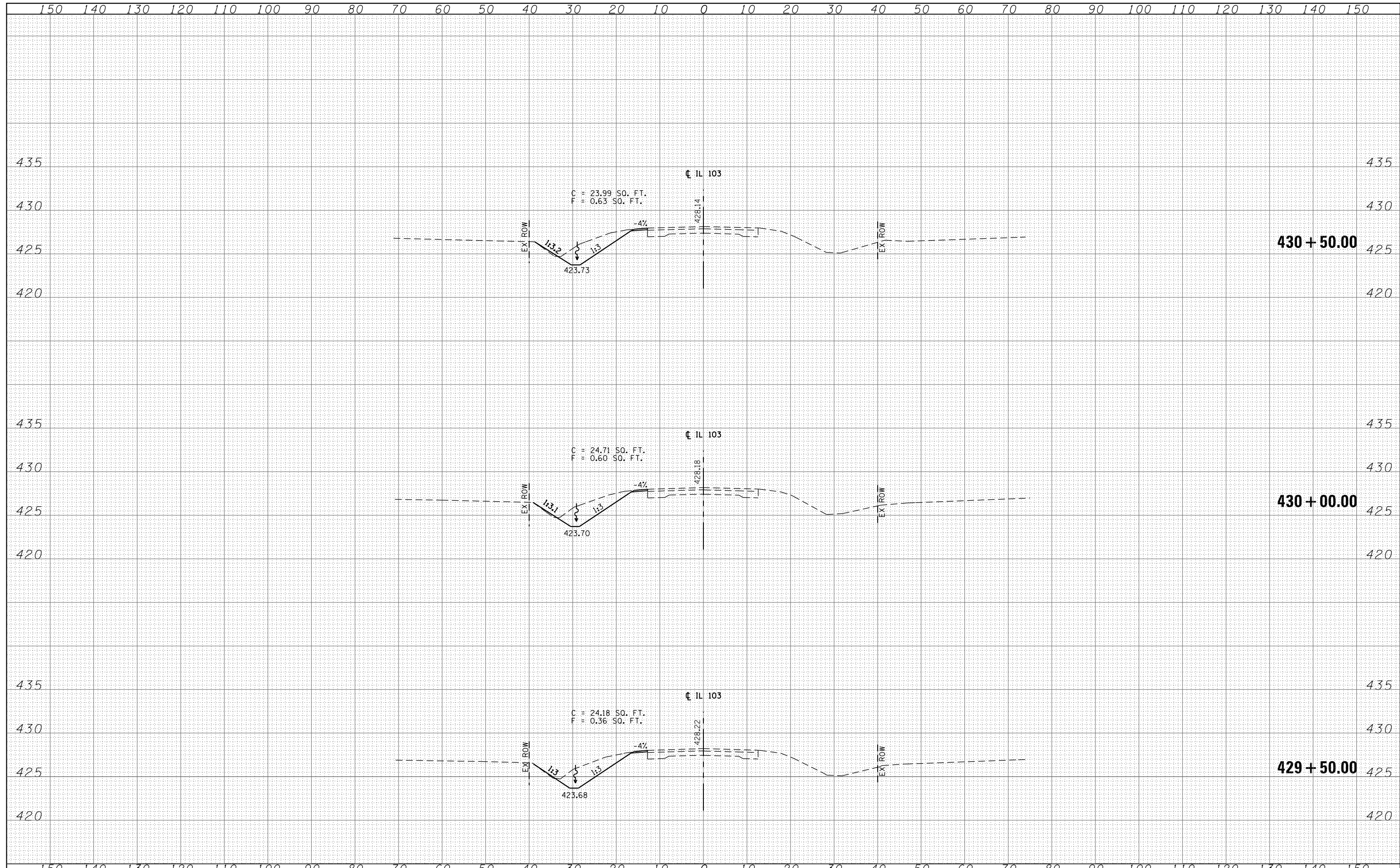
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = E:\1007\W02\Phase 11\0672087-sht-xssht.dgn	USER NAME = Chris	DESIGNED - NA	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 32
	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -		SCALE: 1"=10'H, 5'V	SHEET NO. 6 OF 11 SHEETS	STA. 428+00.00	TO STA. 429+00.00	CONTRACT NO. 72087			
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISIED -		ILLINOIS FED. AID PROJECT							

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

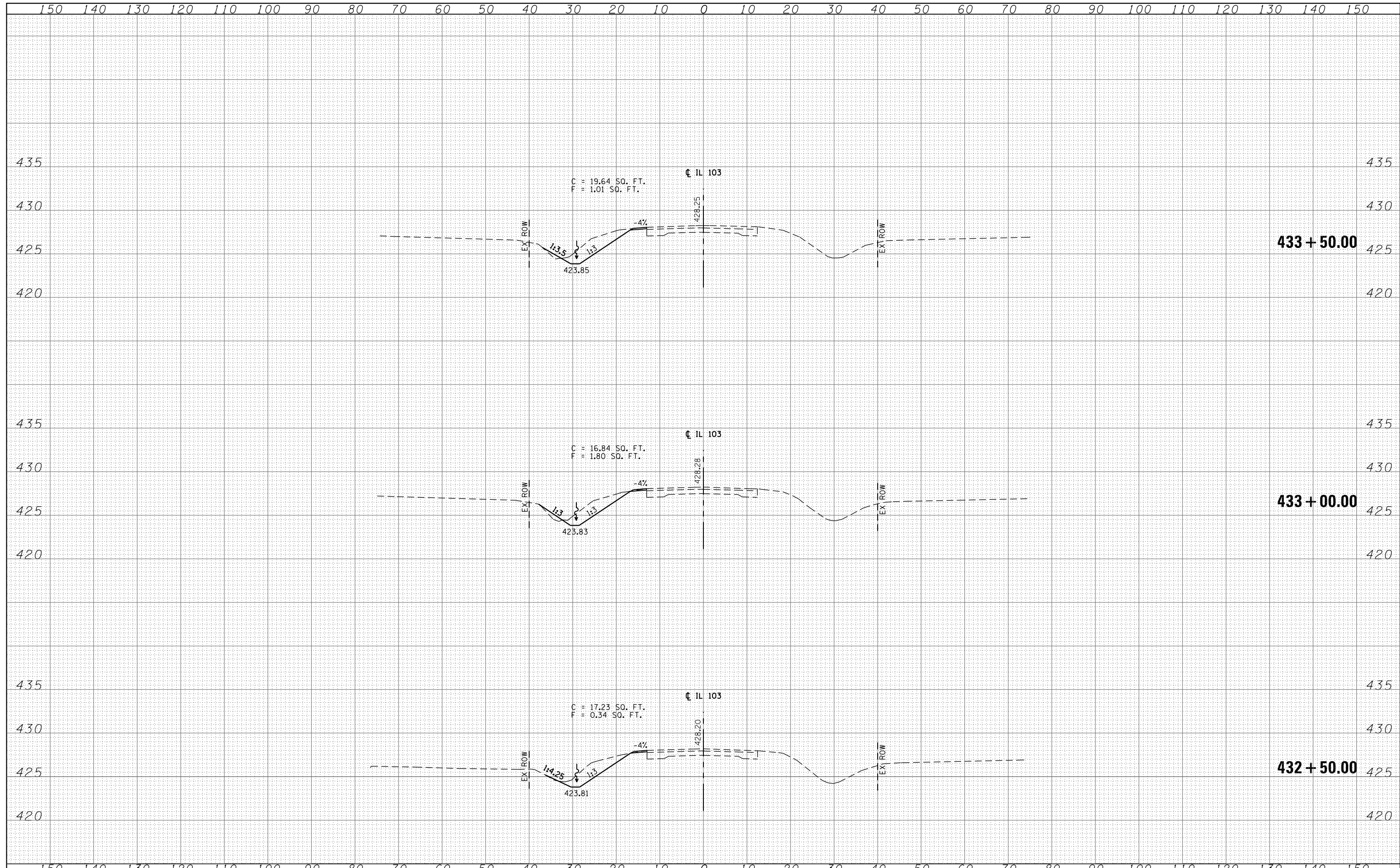
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = E:\1007\W02\Phase 11\D672087-sht-xssht.dgn	USER NAME = Chris	DESIGNED - NA	REVISÉD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 33
	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISÉD -		SCALE: 1"=10'H, 5'V	SHEET NO. 7 OF 11 SHEETS	STA. 429+50.00	TO STA. 430+50.00	CONTRACT NO. 72087			
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISÉD -		ILLINOIS FED. AID PROJECT							

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

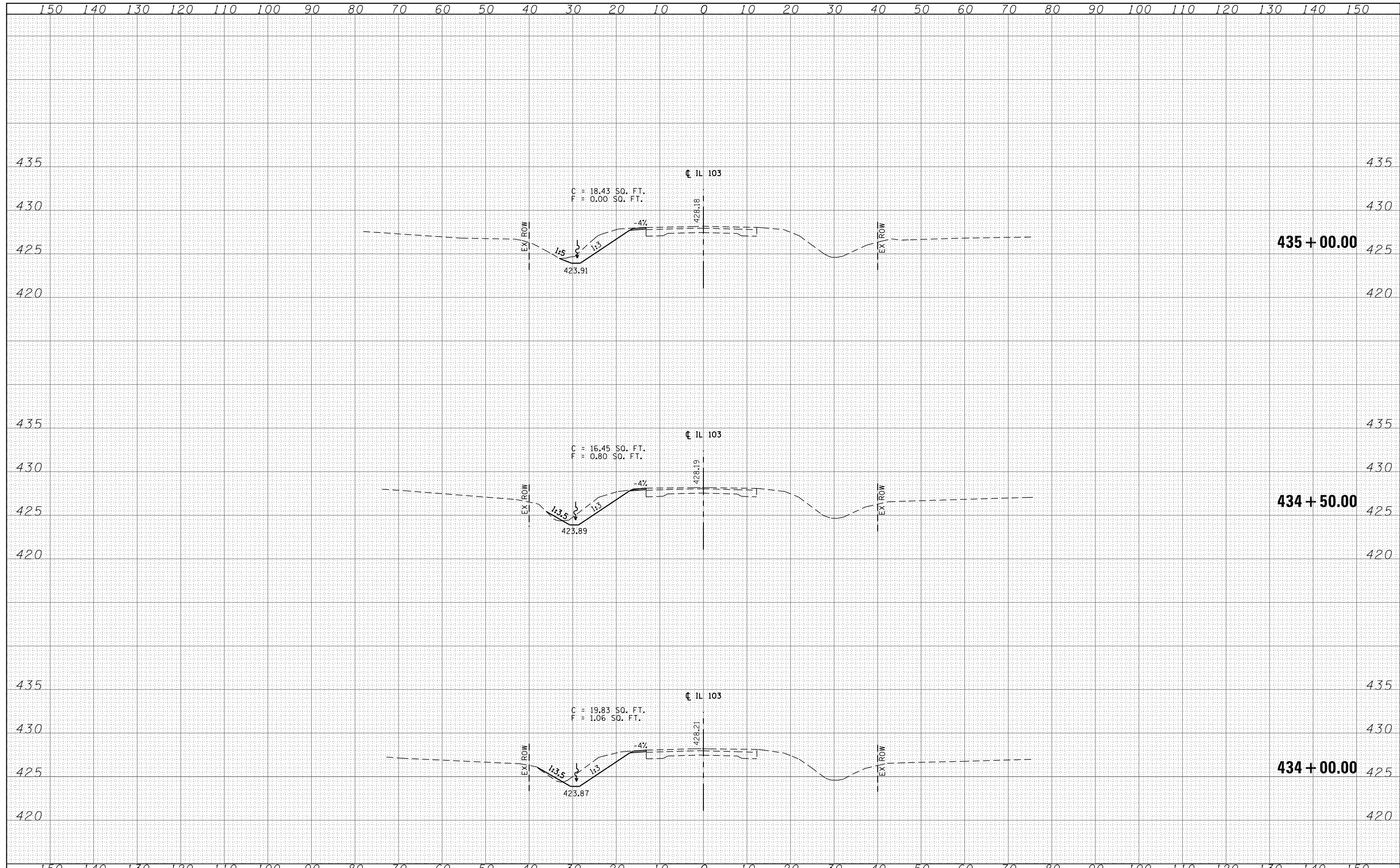
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = E:\1007\W02\Phase 11\0672087-sht-xssht.dgn	USER NAME = Chris	DESIGNED - NA	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 35
		DRAWN - MW	REVISIED -		SCALE: 1"=10'H, 5'V	SHEET NO. 9 OF 11 SHEETS	STA. 432+50.00 TO STA. 433+50.00	CONTRACT NO. 72087		ILLINOIS FED. AID PROJECT		
		CHECKED - ST	REVISIED -									
		DATE - 08-2016	REVISIED -									

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

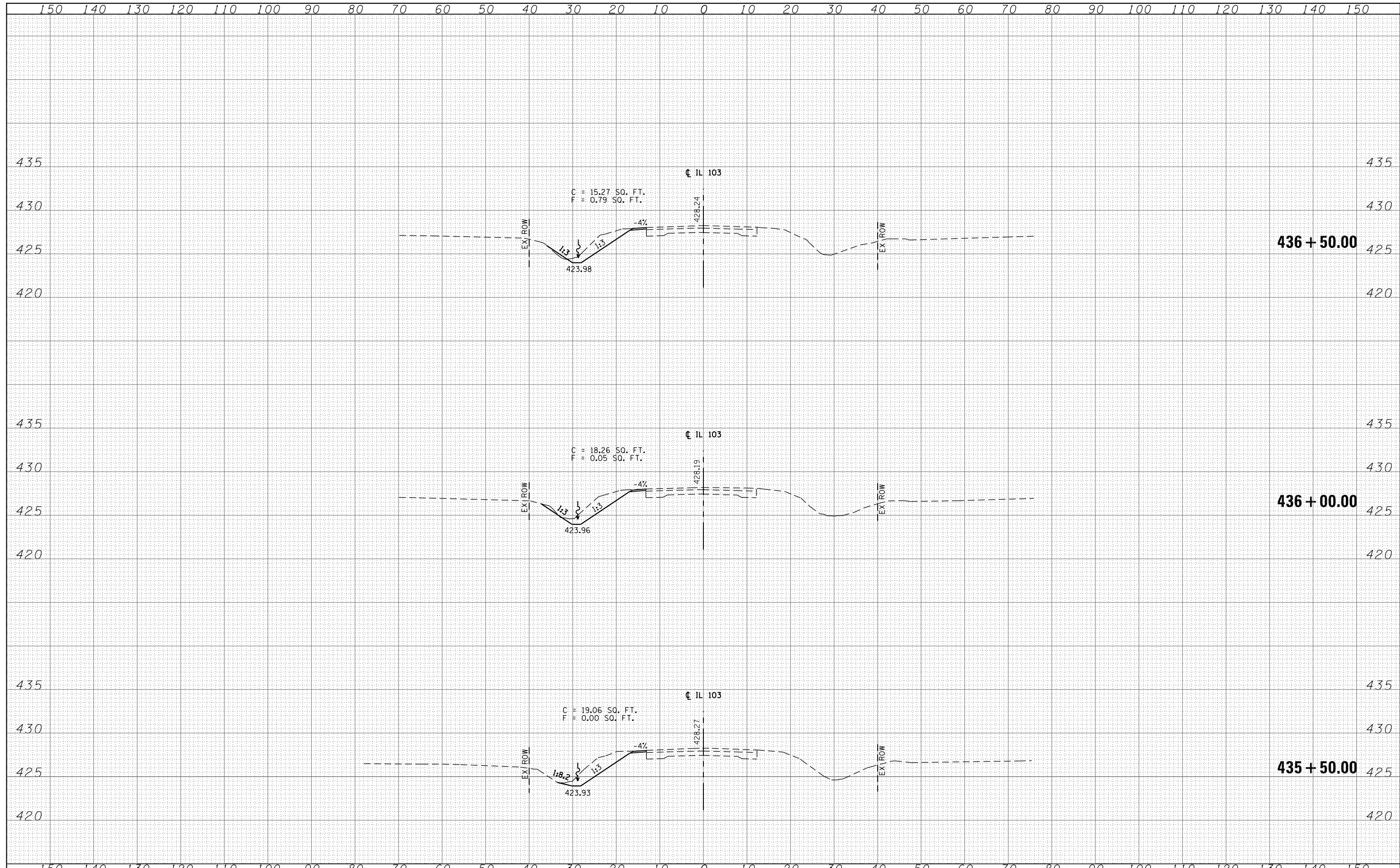
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = E:\1007\W02\Phase 11\0672087-sht-xssht.dgn	USER NAME = Chris	DESIGNED - NA	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 36
	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -		SCALE: 1"=10'H, 5'V	SHEET NO. 10 OF 11 SHEETS	STA. 434+00.00	TO STA. 435+00.00	CONTRACT NO. 72087			
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISIED -		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 = E:\1007\W02\Phase 11\0672087-sht-xssht.dgn	USER NAME = Chris	DESIGNED - NA	REVISÉD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 103 OVER COAL CREEK DITCH TRIBUTARY			F.A.P. RTE. 612	SECTION 102BR-2	COUNTY SCHUYLER	TOTAL SHEETS 37	SHEET NO. 37	
	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISÉD -		SCALE: 1"=10'H, 5'V	SHEET NO. 11 OF 11 SHEETS	STA. 435+50.00 TO STA. 436+50.00	CONTRACT NO. 72087		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/5/2016	DATE - 08-2016	REVISÉD -										