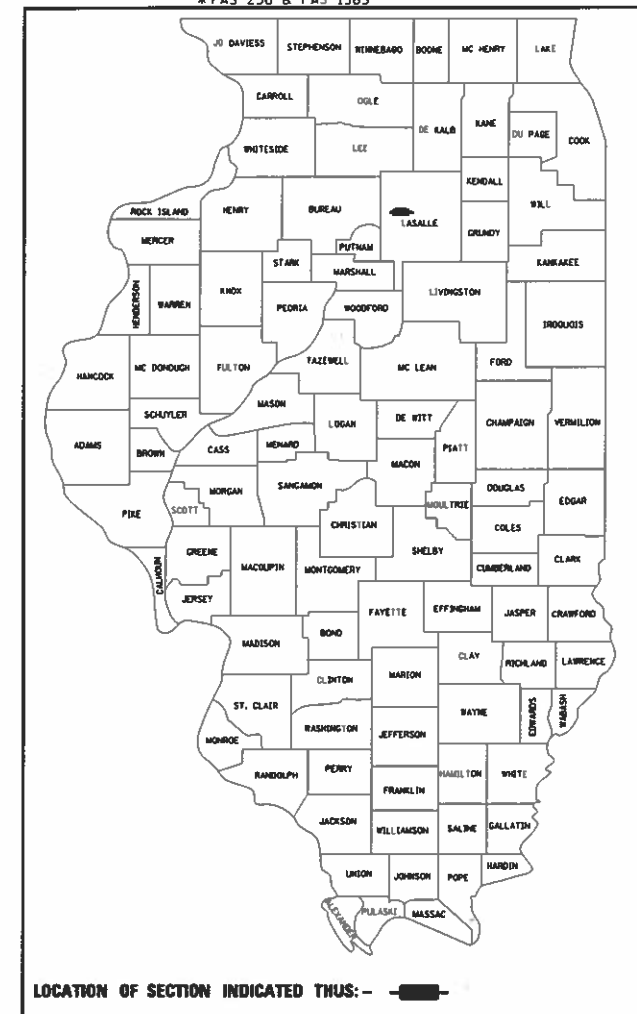


INDEX OF SHEETS

- 1 COVER SHEET
- 2 LIST OF STANDARDS, GENERAL NOTES & LEGEND
- 3 SUMMARY OF QUANTITIES
- 4-8 TYPICAL SECTIONS
- 9-11 SCHEDULES OF QUANTITIES
- 12-19 PLAN & PROFILES
- 20-21 EROSION CONTROL PLANS
- 22 RIGHT-OF-WAY PLANS
- 23 INTERSECTION DETAIL
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- 28-31 TRAFFIC SIGNAL PLANS
- 32-35 ENTRANCE & SPECIAL DETAILS
- 36-45 CROSS SECTIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FEDERAL AID HIGHWAY
F.A.S. RTE. 256 (C.H. 43) & F.A.S. RTE. 1365 (C.H. 33)
LASALLE COUNTY
SECTION 16-00367-00-SP
PROJECT NO. XLVT (884)
INTERSECTION SAFETY IMPROVEMENT
C-93-018-19

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#	16-00367-00-SP	LASALLE	45	1
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT NO. 87703	
* FAS 256 & FAS 1365				



DESIGN CLASSIFICATION:
 C.H. 43 = COLLECTOR
 C.H. 33 = COLLECTOR
CURRENT ADT (2016):
 C.H. 43 = 1350
 C.H. 33 = 600
DESIGN ADT (2019):
 C.H. 43 = 1475
 C.H. 33 = 650
DESIGN SPEED:
 C.H. 43 & C.H. 33 = 60 MPH

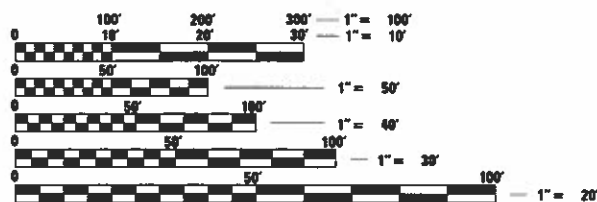
APPROVED 3-27 2019
Lawrence A. Keiser
 LASALLE COUNTY ENGINEER

PASSED 4-2 2019
David R. E...
 DISTRICT THREE ENGINEER OF LOCAL ROADS & STREETS

Released For Bid Based on Limited Review 4-2 2019
Kevin J. ...
 REGION TWO ENGINEER

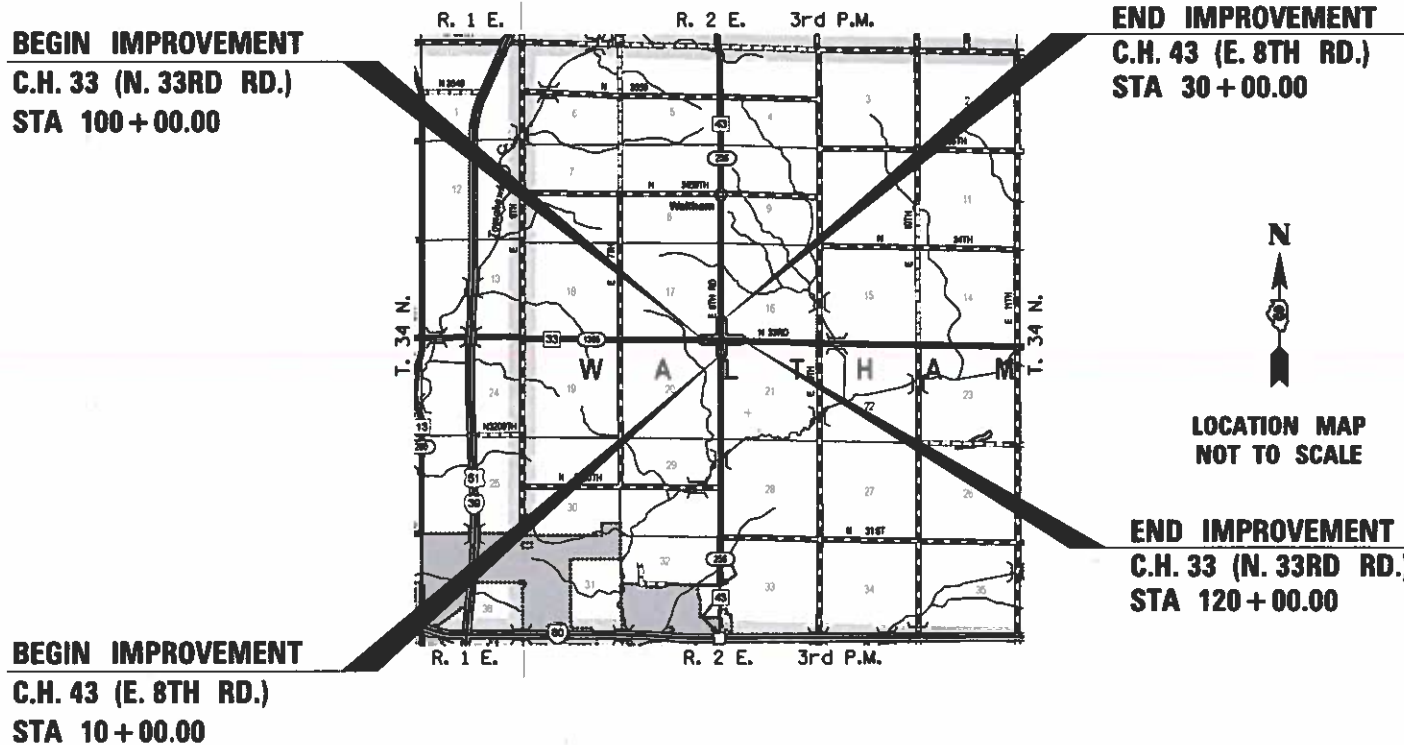
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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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



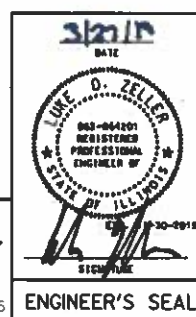
BEGIN IMPROVEMENT
C.H. 43 (E. 8TH RD.)
STA 10+00.00

END IMPROVEMENT
C.H. 43 (E. 8TH RD.)
STA 30+00.00

END IMPROVEMENT
C.H. 33 (N. 33RD RD.)
STA 120+00.00

C.H. 43 (E. 8TH RD.) NET LENGTH OF PROJECT = 2,000 FEET = 0.379 MILES
 C.H. 33 (N. 33RD RD.) NET LENGTH OF PROJECT = 2,000 FEET = 0.379 MILES

Hutchinson Engineering, Inc.
 Jacksonville - Peoria - Shorewood
 Since 1945
 2019 JOB #4295



GENERAL NOTES

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.

THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.

THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

1. AMERENIP
2. NICOR GAS
3. AT&T

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

IF ANY LOOSE MATERIAL IS DEPOSITED DURING CONSTRUCTION OPERATIONS IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT IT RESTRICTS THE NATURAL FLOW OF WATER, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.

ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, NEW OR EXISTING, DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

EXISTING PAVEMENT, SIDEWALK, DRIVEWAY PAVEMENT, CURB AND GUTTER AND EXISTING DRAINAGE STRUCTURES NOT INCLUDED IN THE PLANS FOR REMOVAL, BUT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE THICKNESS OF HMA 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 HMA IS PLACED.

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING SUB-BASE GRANULAR MATERIAL.

TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR CLASS II VESTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

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

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS-----	2.05	TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT-----	0.05	LBS/SQ FT OR
	0.025	LBS/SQ FT
PRIME COAT FOR AGGREGATE BASES-----	0.25	TONS/SQ YD
HOT-MIX ASPHALT SURFACE COURSE-----	112	LBS/SQ YD/INCH
HOT-MIX ASPHALT BINDER COURSE-----	115	LBS/SQ YD/INCH
LEVELING BINDER (MACHINE METHOD)-----	112	LBS/SQ YD/INCH
NITROGEN FERTILIZER NUTRIENT-----	60	LBS/ACRE (SODDING)
PHOSPHORUS FERTILIZER NUTRIENT-----	60	LBS/ACRE (SODDING)
POTASSIUM FERTILIZER NUTRIENT-----	60	LBS/ACRE (SODDING)



LIST OF STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HOT-MIX SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THROUGH 72" EQUIVALENT DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
602301-04	INLET - TYPE A
604001-04	FRAME AND LIDS TYPE 1
606301-04	PC CONCRETE ISLANDS AND MEDIANS
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	PRISMATIC CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
821101-02	LUMINAIRE WIRING DIAGRAM
825001-04	LIGHTING CONTROLLER POLE MOUNTED, 240V
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
836001-04	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
B.L.R. 18-6	TRAFFIC CONTROL DEVICES- DAY LABOR MAINTENANCE

BENCHMARKS

B.M. 1	=	RR SPIKE SET IN PP, CH 43 (E 8TH RD)
		STA. 107+48 LT., ELEV. = 641.82
B.M. 2	=	RR SPIKE SET IN PP, CH 33 (N 33RD RD)
		STA. 102+21 LT., ELEV. = 641.98
B.M. 3	=	RR SPIKE SET IN PP, CH 43 (E 8TH RD)
		STA. 22+76 LT., ELEV. = 640.55
B.M. 4	=	RR SPIKE SET IN PP, CH 43 (E 8TH RD)
		STA. 16+46 RT., ELEV. = 641.38

LEGEND

	HOT-MIX ASPHALT BUTT JOINT
	PROPOSED DITCH FLOW

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	DRAWN -	REVISED -		SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS	FED. AID PROJECT XLVT (884)	45	2
PLOT SCALE = 16.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 87703								
PLOT DATE = 3/26/2019	DATE -	REVISED -										

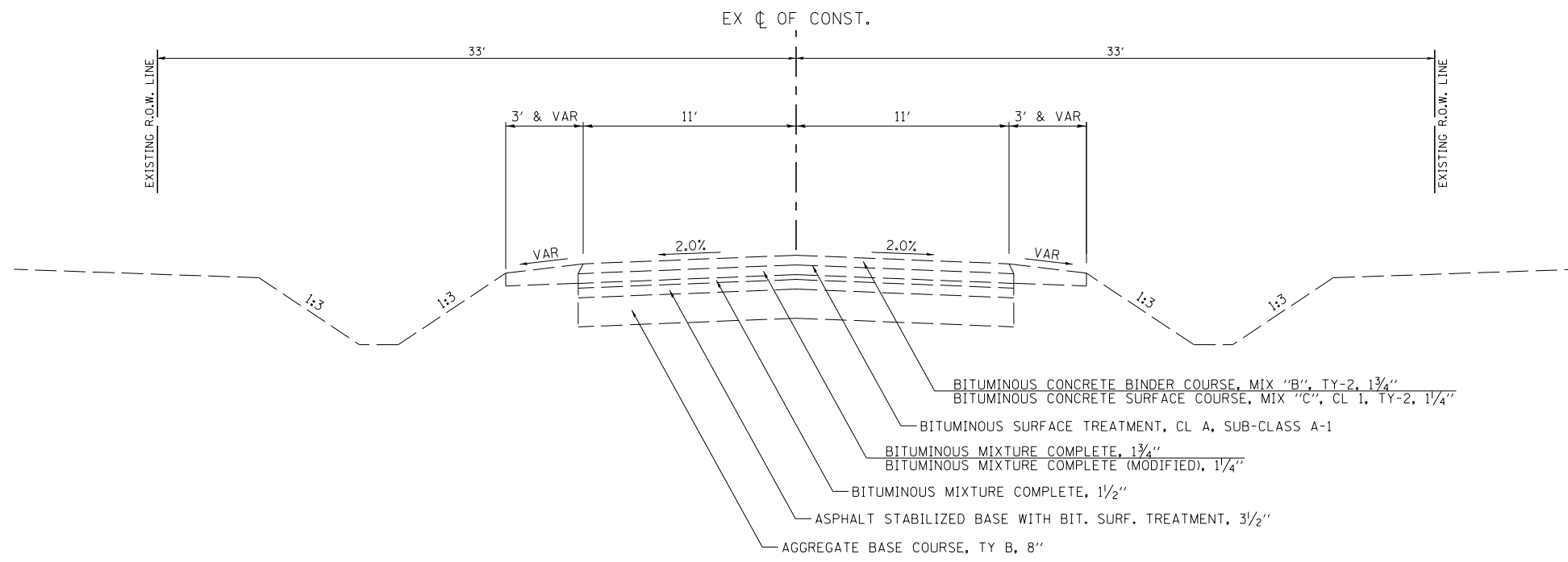
SUMMARY OF QUANTITIES

SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	CONSTRUCTION CODE 0021	SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	CONSTRUCTION CODE 0021
	20200100	EARTH EXCAVATION	CU YD	1103		67100100	MOBILIZATION	L SUM	1
	20800150	TRENCH BACKFILL	CU YD	24	SP	70300100	SHORT TERM PAVEMENT MARKING	FOOT	506
	21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	200	△ SP	72000100	SIGN PANEL - TYPE 1	SQ FT	116
	25000210	SEEDING, CLASS 2A	ACRE	0.75	△	73000100	WOOD SIGN SUPPORT	FOOT	220
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	64	△	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	14491
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	64	△	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	35
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	64	△	78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	36
SP	25100115	MULCH, METHOD 2	ACRE	1.50	△	78200020	CURB REFLECTORS	EACH	34
	25100630	EROSION CONTROL BLANKET	SQ YD	3115	△ SP	80500100	SERVICE INSTALLATION, TYPE A	EACH	1
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	193	△ SP	81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	98
	28000305	TEMPORARY DITCH CHECKS	FOOT	102	△ SP	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	95
	28000400	PERIMETER EROSION BARRIER	FOOT	1556	△ SP	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	132
	28000500	INLET AND PIPE PROTECTION	EACH	4	△ SP	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1307
	31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	687	△ SP	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	44
	35600702	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	SQ YD	659	△	81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	144
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	156	△	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	12
	40600275	BITUMINOUS MATERIALS (TACK COAT)	POUND	5260	△ SP	81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
	40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5 FG, N50	TON	592	△	81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/2" NO.10 GROUND, (XLP-TYPE USE), 3/4"	FOOT	474
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	666	△ SP	82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	2
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	959	△ SP	82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	16	△	83000600	LIGHT POLE, ALUMINUM, 30 FT. M.H., 15 FT. DAVIT ARM	EACH	2
	42001300	PROTECTIVE COAT	SQ YD	36	△	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	26
	44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	45	△	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2
	44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	34	△ SP	85800100	FLASHER CONTROLLER	EACH	1
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	365	△	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4291
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	627	△	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	15
SP	50105220	PIPE CULVERT REMOVAL	FOOT	24	△	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1900
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	△	88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	8
	54010602	PRECAST CONCRETE BOX CULVERTS, 6' X 2'	FOOT	48	△	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
	542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	54	△ SP	X0326887	WOOD POLE, 25 FT, CLASS 4	EACH	1
	542A0229	PIPE CULVERTS, CLASS A, TYPE 1, 24"	FOOT	50	SP	X0327294	STORM SEWERS TO BE GROUTED	CU YD	37
	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	34	SP	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
SP	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	△ SP	X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	8
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	△ SP	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
	54262715	METAL FLARED END SECTIONS 15"	EACH	2	SP	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
SP	60100935	PIPE DRAINS 10"	FOOT	96	SP	Z0032900	LAND SECTION MARKERS	EACH	1
	60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	SP	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	4003
	60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	316	SP	Z0055500	RUMBLE STRIP	SQ FT	1650
	61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	4					
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	8					

△ Specialty items

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EXISTING TYPICAL SECTION
CH 43 (E 8TH RD)
 STA 10+00.0 TO STA 30+00.0

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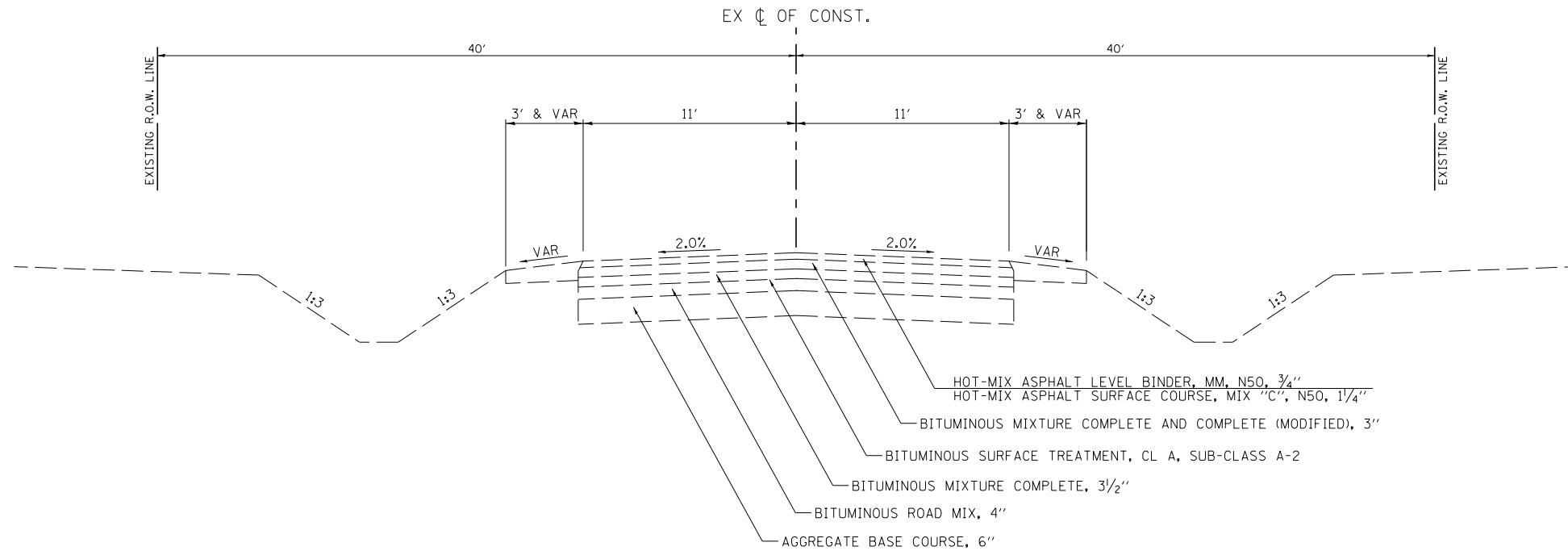
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PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**C.H. 43 (E 8TH RD)
 EXISTING TYPICAL SECTION**

SCALE: N/A SHEET 1 OF 5 SHEETS STA. N/A TO STA. N/A

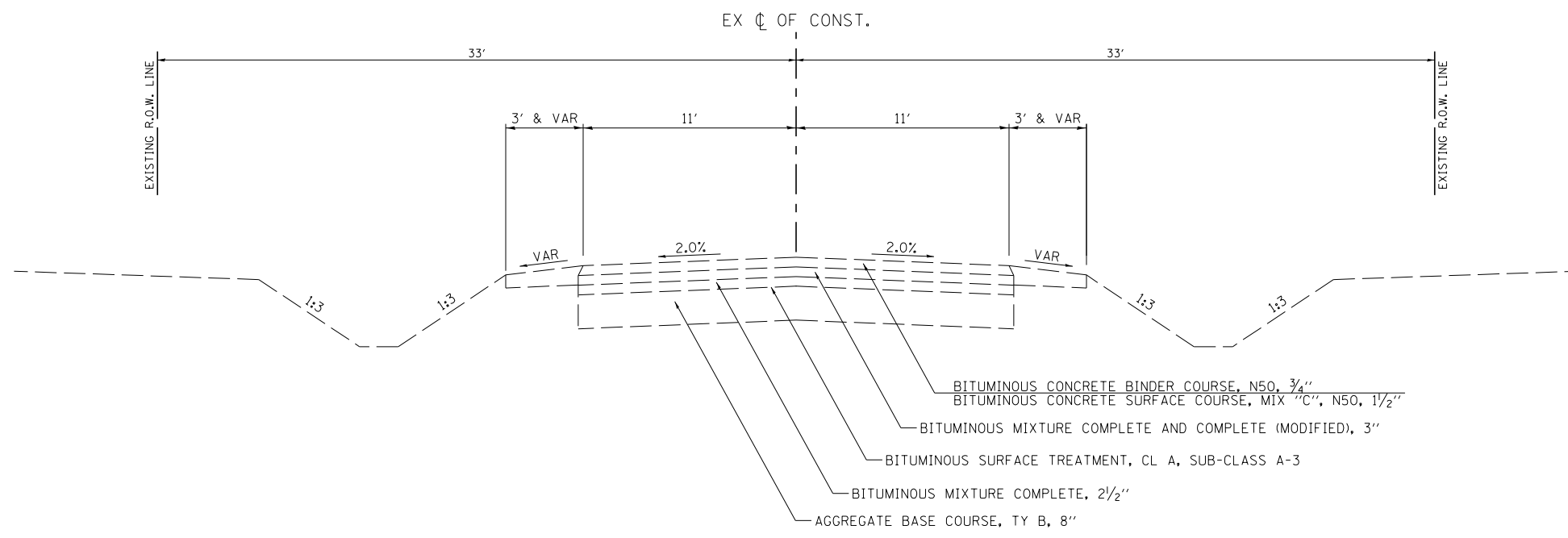
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*	16-00367-00-SP	LASALLE	45	4
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



EXISTING TYPICAL SECTION

CH 33 (N 33RD RD)

STA 100+00.0 TO STA 110+00.0



EXISTING TYPICAL SECTION

CH 33 (N 33RD RD)

STA 110+00.0 TO STA 120+00.0

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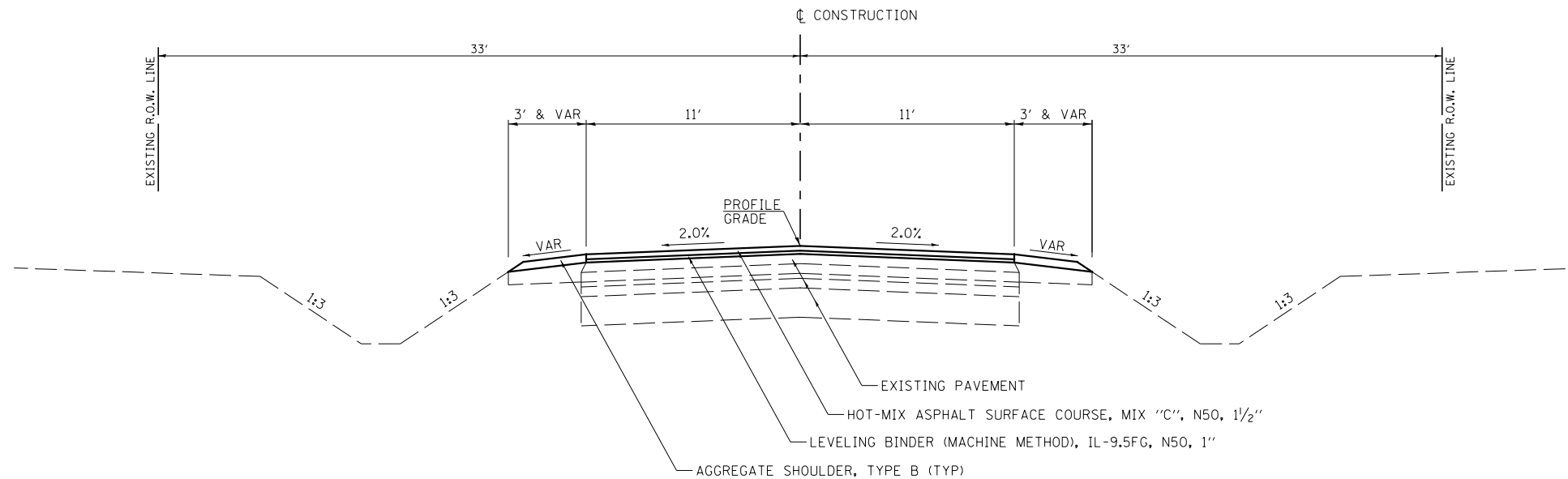
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	DRAWN -	REVISED -
PLOT SCALE = 16.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**C.H. 33 (N 33RD RD)
EXISTING TYPICAL SECTIONS**

SCALE: N/A SHEET 2 OF 5 SHEETS STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	5
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

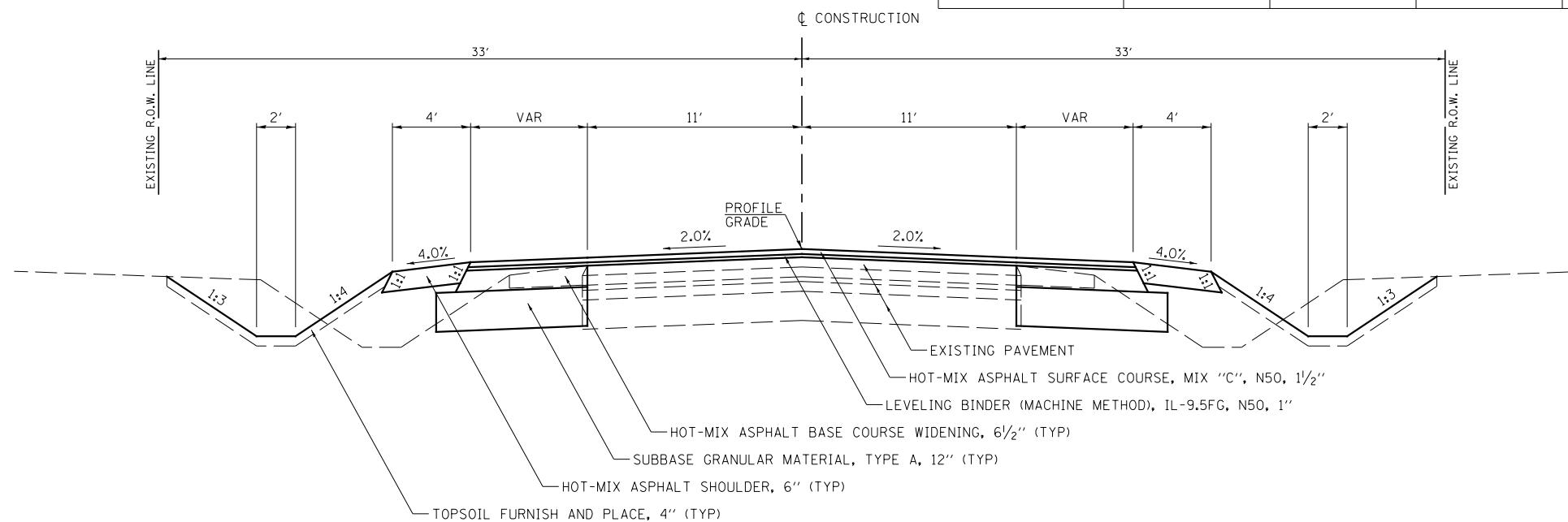


PROPOSED TYPICAL SECTION

CH 43 (E 8TH RD)

STA 10+00.0 TO STA 18+53.8
STA 21+50.0 TO STA 30+00.0

HOT-MIX ASPHALT MIXTURE REQUIREMENTS						
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BASE COURSE WIDE	HMA LEVEL BINDER	HMA SURFACE	INCIDENTAL HMA	HMA SHLD BOTTOM LIFT(S)	HMA CLASS D PATCHING
BINDER GRADE (PG):	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5FG	IL 9.5	IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE:	N/A	N/A	MIXTURE C	N/A	N/A	N/A
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCOA	QCOA	QCOA	QCOA	QCOA	QCOA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	LR 1030	LR 1030	SATISFACTION OF ENGINEER	CORES	CORES



PROPOSED TYPICAL SECTION

CH 43 (E 8TH RD)

STA 18+53.8 TO STA 21+50.0

MODEL: Default
FILE NAME: 16-00367-00-SP - CH 43 and CH 33 (LIC) (D) (CADD) (CADD Sheets) 16-00367-00-SP-16-00367-00-SP.dgn

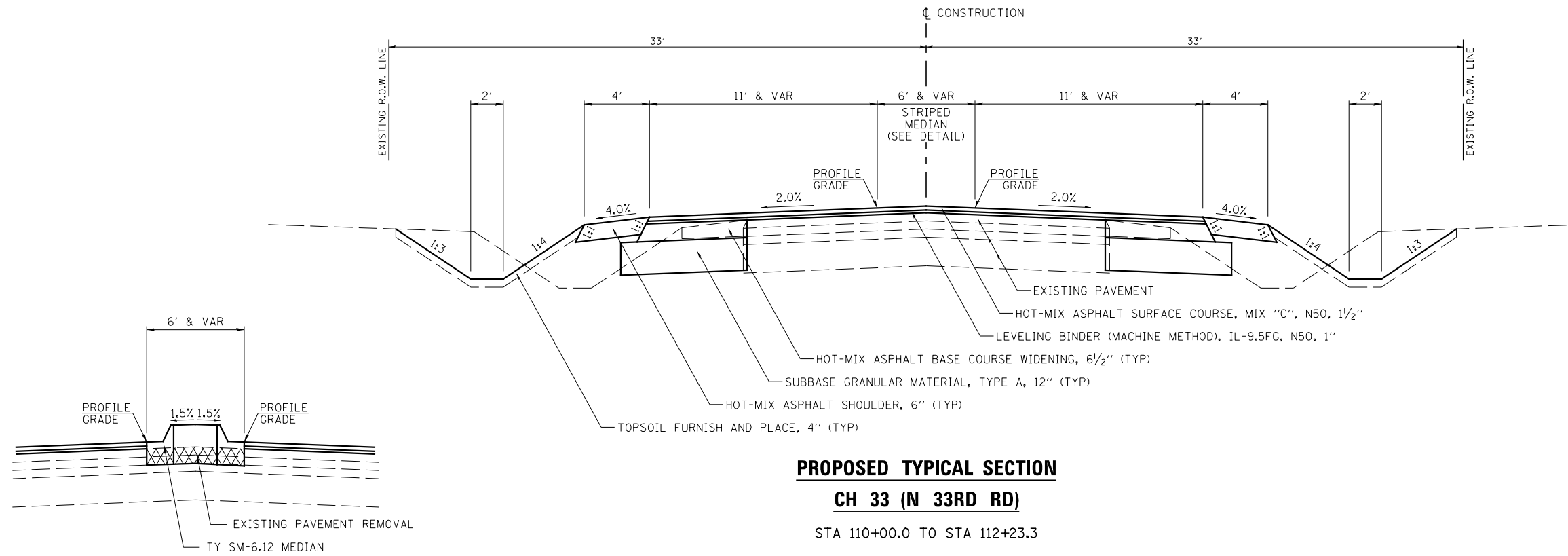
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	DRAWN -	REVISED -
PLOT SCALE = 16.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

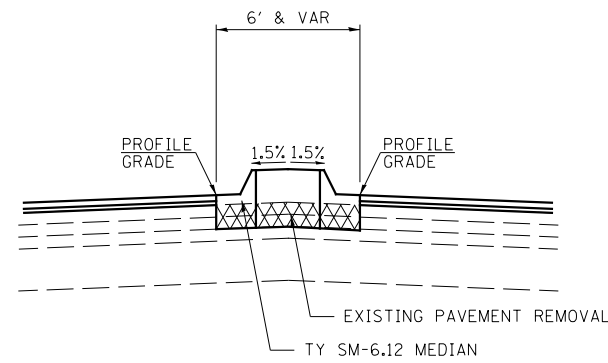
**C.H. 43 (E 8TH RD)
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 3 OF 5 SHEETS STA. N/A TO STA. N/A

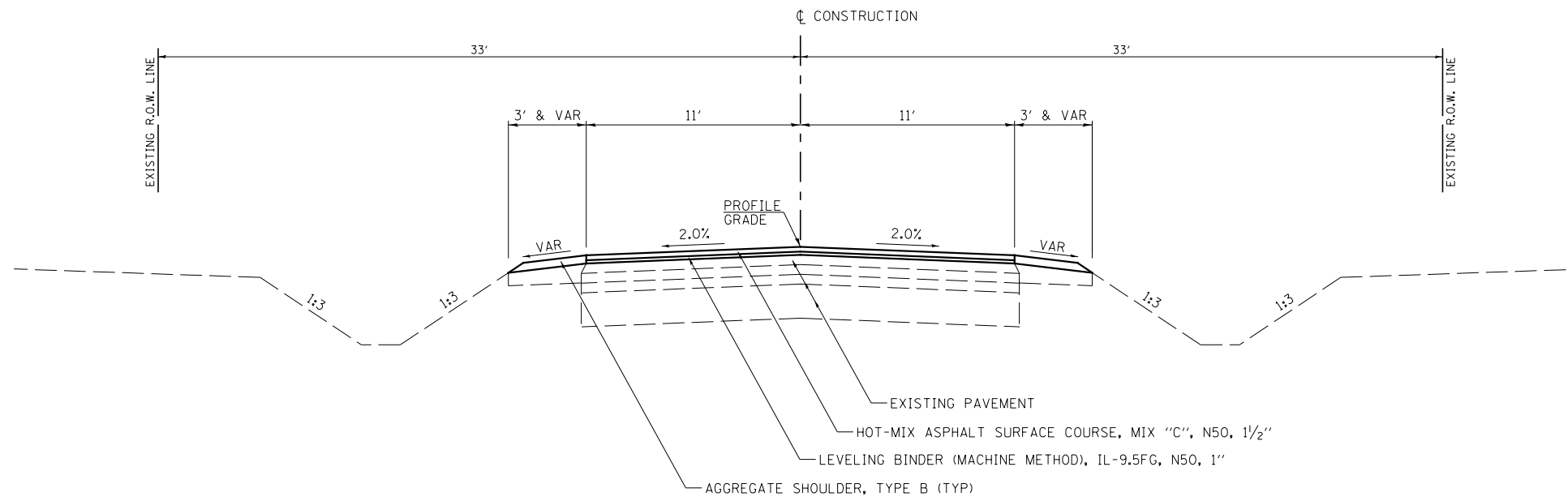
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	6
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				



PROPOSED TYPICAL SECTION
CH 33 (N 33RD RD)
 STA 110+00.0 TO STA 112+23.3



DETAIL
 STA 110+41.5 TO STA 110+70.5



PROPOSED TYPICAL SECTION
CH 33 (N 33RD RD)
 STA 112+23.3 TO STA 120+00.00

MODEL: D:\dwg\16-00367-00-SP\CH 33 (N 33RD RD)\CH 33 (N 33RD RD) - CH 43 and CH 33 (LCL)D\CADD\CADD Sheets\16-00367-00-SP\CH 33 (N 33RD RD).dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 16.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**C.H. 33 (N 33RD RD)
 PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 5 OF 5 SHEETS STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	8
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				

EARTHWORK									
1		2		3		4		5	
STATION	TO	STATION	EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)	CU YD	
CH 43 (E 8TH RD)									
18+04	TO	22+00	527	395	250	145			
CH 33 (N 33RD RD)									
107+14	TO	112+73	576	432	230	202			
TOTAL			1103	827	480	347			
SHRINKAGE FACTOR: 25%									
EARTH EXCAVATION:									
COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.									
CUT = EARTH EXCAVATION FILL = EMBANKMENT									
COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)									
COLUMN 5 = COLUMN 3 - COLUMN 4									
PAY ITEMS:									
COLUMN 2 IS EARTH EXCAVATION = 1103 CU YD									
NOTES:									
1. THE TOP 4" OF EMBANKMENT SHALL CONSIST OF VEGETATION SUSTAINING SOIL.									
2. EARTH EXCAVATION SHALL BE USED TO FURNISH ALL EMBANKMENT QUANTITIES.									

EXPLORATION TRENCH 60" DEPTH		
STATION O/S	TO STATION O/S	FOOT
CH 43 (E 8TH RD) & CH 33 (N 33RD RD)		
109+05 40' RT	TO 18+85 33' RT	100
21+10 33' RT	TO 110+85 33' LT	100
TOTAL		200

SEEDING, NUTRIENTS, MULCH & BLANKET									
LOCATION				SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET
STATION +/-	TO	STATION +/-	SIDE	ACRE	POUND	POUND	POUND	ACRE	SQ YD
CH 43 (E 8TH RD)									
18+04	TO	19+71	LT	0.06	6	6	6	0.06	302
18+04	TO	19+64	RT	0.06	6	6	6	0.06	300
20+27	TO	21+00	RT	0.06	6	6	6	0.06	272
20+35	TO	0+21	LT	0.05	5	5	5	0.05	265
CH 33 (N 33RD RD)									
107+14	TO	109+59	LT	0.10	9	9	9	0.10	489
107+14	TO	109+59	RT	0.14	13	13	13	0.14	681
110+42	TO	112+73	LT	0.09	9	9	9	0.09	421
110+42	TO	112+73	RT	0.08	8	8	8	0.08	372
112+98	TO	113+16	RT	0.001	1	1	1	0.00	7
113+40	TO	113+53	RT	0.001	1	1	1	0.00	6
SUB-TOTAL				0.64	64	64	64	0.64	3115
USE				0.75	64	64	64	0.75	3115
SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE									

TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR)		
LOCATION		LENGTH
STATION	OFFSET	FOOT
CH 43 (E 8TH RD)		
18+85	LT	12
19+15	RT	12
21+25	RT	12
21+35	LT	12
CH 33 (N 33RD RD)		
107+65	RT	12
107+85	LT	18
111+20	RT	12
111+20	LT	12
TOTAL		102

TEMPORARY EROSION CONTROL SEEDING									
STATION +/-		TO STATION +/-		SIDE	ACRES	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL POUND	MULCH, METHOD 2 ACRE
CH 43 (E 8TH RD)									
18+04	TO	19+71	LT	0.06	100	3	18	0.06	
18+04	TO	19+64	RT	0.06	100	3	18	0.06	
20+27	TO	21+00	RT	0.06	100	3	18	0.06	
20+35	TO	21+00	LT	0.05	100	3	15	0.05	
CH 33 (N 33RD RD)									
107+14	TO	109+59	LT	0.10	100	3	30	0.10	
107+14	TO	109+59	RT	0.14	100	3	42	0.14	
110+42	TO	112+73	LT	0.09	100	3	27	0.09	
110+42	TO	112+73	RT	0.08	100	3	24	0.08	
112+98	TO	113+16	RT	0.001	100	3	0.3	0.001	
113+40	TO	113+53	RT	0.001	100	3	0.3	0.001	
SUB-TOTAL							193	0.64	
USE							193	0.75	
MULCH METHOD 2 IS USED FOR TEMPORARY MULCHING									

PERIMETER EROSION BARRIER				
STATION +/-		TO STATION +/-		LENGTH FOOT
CH 43 (E 8TH RD)				
18+04	TO	18+95	LT	96
18+04	TO	19+40	RT	140
20+57	TO	21+00	LT	147
20+58	TO	21+00	RT	143
CH 33 (N 33RD RD)				
107+14	TO	109+59	LT	247
107+14	TO	109+59	RT	297
110+42	TO	112+73	LT	248
110+42	TO	112+73	RT	238
TOTAL				1556
PERIMETER EROSION BARRIER IS SILT FENCE.				

INLET AND PIPE PROTECTION		
STATION	OFFSET	EACH
CH 43 (E 8TH RD)		
18+26	21.0 RT	1
CH 33 (N 33RD RD)		
109+33	27.5 LT	1
110+65	22.5 LT	1
113+45	22.4 RT	1
TOTAL		4

PAVEMENT										
LOCATION		SUBBASE GRANULAR MATERIAL, TYPE A 12"	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	AGGREGATE SHOULDERS, TYPE B	HOT-MIX ASPHALT SHOULDERS, 6"	LONGITUDINAL JOINT SEALANT
STATION	TO	SQ YD	SQ YD	POUND	TON	SQ YD	TON	TON	SQ YD	FOOT
CH 43 (E 8TH RD)										
10+00.0	TO	18+53.8		988	114	148	195	97		854
18+53.8	TO	21+50.0	385	372	511	43	68		230	297
21+50.0	TO	30+00.0			971	112	147	98		850
CH 33 (N 33RD RD)										
100+00.0	TO	107+64.3			858	107	147	169	85	765
107+64.3	TO	110+00.0	167	157	498	53	82		202	236
110+00.0	TO	112+23.3	135	130	471	52	79		195	224
112+23.3	TO	120+00.0			885	111	147	85		777
TOTAL		687	659	5182	592	589	959	365	627	4003
LONGITUDINAL JOINT SEALANT TO BE PLACED UNDER THE SURFACE COURSE LIFT. SEE SPECIAL PROVISIONS FOR MORE INFORMATION.										

ENTRANCES						
LOCATION			BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE A 6"
STATION	SIDE	TYPE	POUND	SQ YD	TON	SQ YD
CH 43 (E 8TH RD)						
14+26.4	RT	PE	23	27	5	
CH 33 (N 33RD RD)						
103+29.0	RT	FE				88
103+53.9	LT	PE	28	19	6	
113+27.9	RT	FE				68
115+12.8	LT	PE	27	31	5	
TOTAL			78	77	16	156

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USER NAME = LZeller	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

C.H. 43 (E 8TH RD) SCHEDULE OF QUANTITIES					
SCALE: N/A	SHEET 1	OF 3 SHEETS	STA. N/A	TO STA. N/A	

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	9
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

CLASS D PATCHES				
STATION +/-	SIDE	TYPE II	TYPE III	
		13 INCH	13 INCH	
		SQ YD	SQ YD	
C.H. 43 (E. 8TH RD.)				
19+26	LT	12		
19+26	RT	12		
C.H. 33 (N. 33RD RD.)				
109+33	LT		18	
109+33	RT		16	
110+65	LT	10		
110+65	RT	11		
TOTAL		45	34	

PIPE CULVERT REMOVAL					
LOCATION		OFFSET +/-	SIZE	TYPE	LENGTH
STATION +/-	SIDE	FOOT			FOOT
CH 33 (N 33RD RD)					
111+21	RT	23	18"	CMP	24
TOTAL					24

OFFSETS ARE FROM PROPOSED CL

STORM SEWER TO BE GROUTED					
LOCATION		SIZE	TYPE	LENGTH	VOLUME
STATION +/-	SIDE			FEET	CU YDS
CH 43 (E 8TH RD)					
19+53.5	XRD	18"	CMP	47.4	4
20+36.5	XRD	18"	CMP	44.1	3
CH 33 (N 33RD RD)					
109+60.9	XRD	24"	CMP	56.7	7
109+67.2	XRD	24"	CMP	59.4	7
109+72.9	XRD	24"	CMP	67.2	8
109+76.7	XRD	24"	CMP	67.7	8
TOTAL					37

INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID				
LOCATION				
STATION	OFFSET	SIDE	EACH	
CH 33 (N 33RD RD)				
109+62.0	36.9	RT	1	
TOTAL			1	

PIPE DRAINS, 10"						
STATION	O/S	TO STATION	O/S	SIZE	TYPE	LENGTH
						FOOT
CH 33 (N 33RD RD)						
19+19.7	57.6'	LT	TO 19+23.0	40.0'	RT	10" PVC 96
TOTAL						96

CONCRETE MEDIAN, TYPE SM-6.12						
LOCATION				PROTECTIVE COAT	CONCRETE MEDIAN, TYPE SM-6.12	
STATION	TO	STATION	SIDE	SQ YD	SQ FT	
CH 33 (N 33RD RD)						
109+29.46	TO	109+58.46	CL	18	158	
110+41.51	TO	110+70.51	CL	18	158	
TOTAL				36	316	

FIELD TILE JUNCTION VAULT, 2' DIAMETER				
LOCATION				
STATION	OFFSET	SIDE	EACH	
CH 43 (E 8TH RD)				
19+19.7	57.6	LT	1	
19+23.0	40.0	RT	1	
CH 33 (N 33RD RD)				
109+28.5	66.4	RT	1	
110+69.2	53.8	LT	1	
TOTAL				4

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS		
STATION	OFFSET	EACH
CH 43 (E 8TH RD)		
18+85.0	33.00 LT	1
19+15.0	33.00 RT	1
20+85.0	33.00 LT	1
21+10.0	33.00 RT	1
CH 33 (N 33RD RD)		
108+90.0	40.00 LT	1
109+05.0	40.00 RT	1
110+85.0	33.00 LT	1
111+10.0	33.00 RT	1
TOTAL		8

DRAINAGE										
LOCATION		BOX CULVERT END SECTIONS, CULVERT NO. 1	PRECAST CONCRETE BOX CULVERTS 6' X 2'	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 1, 24"	PIPE CULVERTS, CLASS D, TYPE 1 15"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	METAL FLARED END SECTIONS 15"	TRENCH BACKFILL
STATION	SIDE	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	CU YD
CH 43 (E 8TH RD)										
19+25.7	X-RD			50				2		7
CH 33 (N 33RD RD)										
109+33.4	X-RD	2	48							9
110+64.8	X-RD			54			2			8
113+27.9	RT					34			2	
TOTAL		2	48	54	50	34	2	2	2	24

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	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

C.H. 43 (E 8TH RD) SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	10
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

SHORT-TERM PAVEMENT MARKING				
STATION	TO	STATION	SKIP DASH	SOLID
			YELLOW	WHITE
			CENTER LINE	STOP BAR
FOOT				
CH 43 (E 8TH RD)				
10+00	TO	20+00	100	
20+00	TO	30+00	100	
CH 33 (N 33RD RD)				
100+00	TO	109+50	95	108
110+50	TO	120+00	95	108
SUB-TOTAL			290	216
TOTAL			506	

* STOP BAR IS 6 TIMES THE APPLICATION RATE OF SINGLE LINE

PAVEMENT MARKING									
STATION	TO	STATION	PAINT PAVEMENT MARKING						PREFORMED PLASTIC TYPE B - INLAID - LINE 24"
			LINE 4"					LINE 12"	
			SOLID WHITE	DOTTED WHITE	SOLID YELLOW	SKIP DASH YELLOW	DOUBLE YELLOW	SOLID YELLOW	
			EDGE OF PVMT	LANE LINE	CL & LANE LINE	CL	CL & MEDIAN	MED / DIAG	STOP BAR
FOOT									
CH 43 (E 8TH RD)									
10+00	TO	20+00	1979	54		110	1110		
20+00	TO	30+00	1984	56		120	1080		
CH 33 (N 33RD RD)									
100+00	TO	110+00	1906		62	20	2011	18	18
110+00	TO	120+00	1906		62	20	2011	17	18
TOTAL			14491				35		36

SIGN PANEL AND SIGN SUPPORTS				
LOCATION		MUTCD SIGN DESIGNATION	SIGN PANEL - TYPE 1	WOOD SIGN SUPPORT
STATION	SIDE		SQ FT	FOOT
CH 43 (E 8TH RD)				
14+56	LT	R4-2	5.00	13
14+56	RT	R4-1	5.00	13
25+40	LT	R4-1	5.00	13
25+40	RT	R4-2	5.00	13
CH 33 (N 33RD RD)				
100+74	LT	R4-2	5.00	13
100+74	RT	R4-1	5.00	13
102+74	RT	W3-1	6.25	14
102+74	RT	W3-1	6.25	14
109+40	RT	R1-1	9.00	15
	RT	W4-I100	3.75	
109+40	MED	R1-1	9.00	15
	MED	W4-I100	3.75	
110+60	LT	R1-1	9.00	15
	LT	W4-I100	3.75	
110+60	MED	R1-1	9.00	15
	MED	W4-I100	3.75	
117+26	LT	W3-1	6.25	14
117+26	RT	W3-1	6.25	14
119+26	LT	R4-1	5.00	13
119+26	RT	R4-2	5.00	13
TOTAL			116	220

NOTES: R1-1 SIGNS SHALL BE TYPE ZZ SHEETING, R4-1, R4-2, W3-1 & W4-I100 SIGNS SHALL BE TYPE AP (HIP) SHEETING.

CURB REFLECTORS				
STATION	TO	STATION	SIDE / MEDIAN	EACH
CH 33 (N 33RD RD)				
109+29.5	TO	109+58.5	MED	17
110+41.50	TO	110+70.5	MED	17
TOTAL				34

LAND SECTION MARKERS			
STATION	OFFSET	DESCRIPTION	EACH
CH 43 (E 8TH RD)			
19+99.59	0.42' LT	SECTION CORNER	1
TOTAL			1

RUMBLE STRIP			
LOCATION		EB / WB	SQ FT
STATION +/-	TO STATION +/-		
CH 33 (N 33RD RD)			
100+75.0	TO 101+00.0	EB	275
104+39.2	TO 104+64.2	EB	275
106+39.2	TO 106+64.2	EB	275
113+35.5	TO 113+60.5	WB	275
115+35.5	TO 115+60.5	WB	275
119+00.0	TO 119+25.0	WB	275
TOTAL			1650

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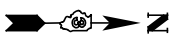
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	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2019	DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

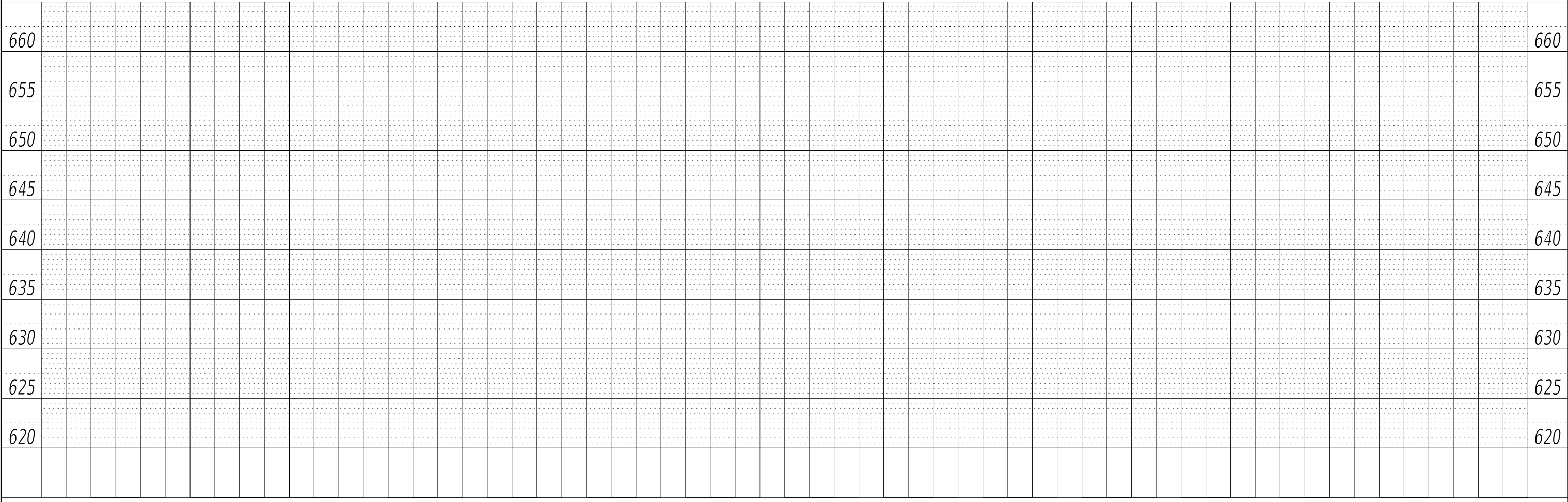
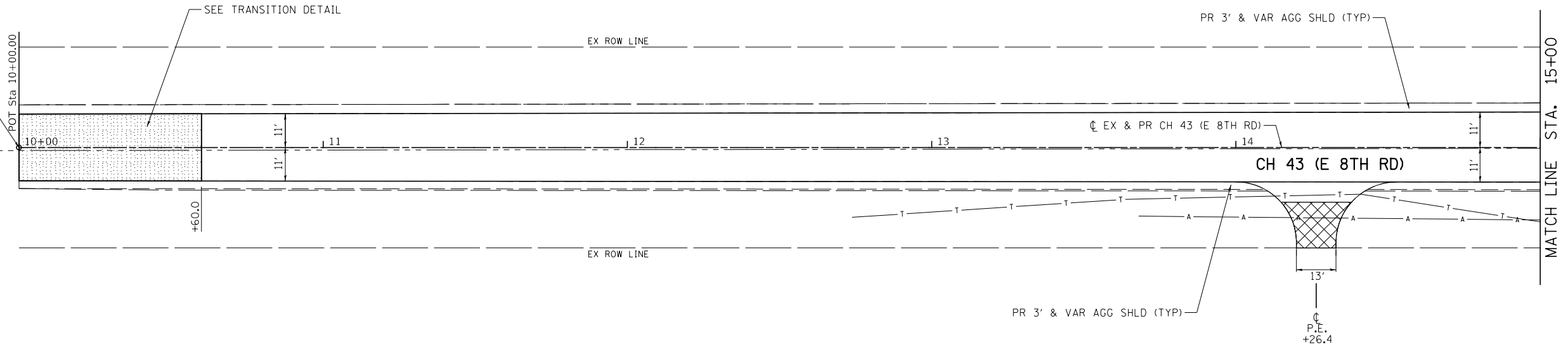
C.H. 43 (E 8TH RD)
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	11
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



CH 43 (E 8TH RD)
IMPROVEMENT BEGINS
STA 10+00



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

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

MODEL: Default
FILE NAME: W:\3295 - CH 43 and CH 33 (LCPID)CAD\CADD Sheets\4395-sh-plp1pr1.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

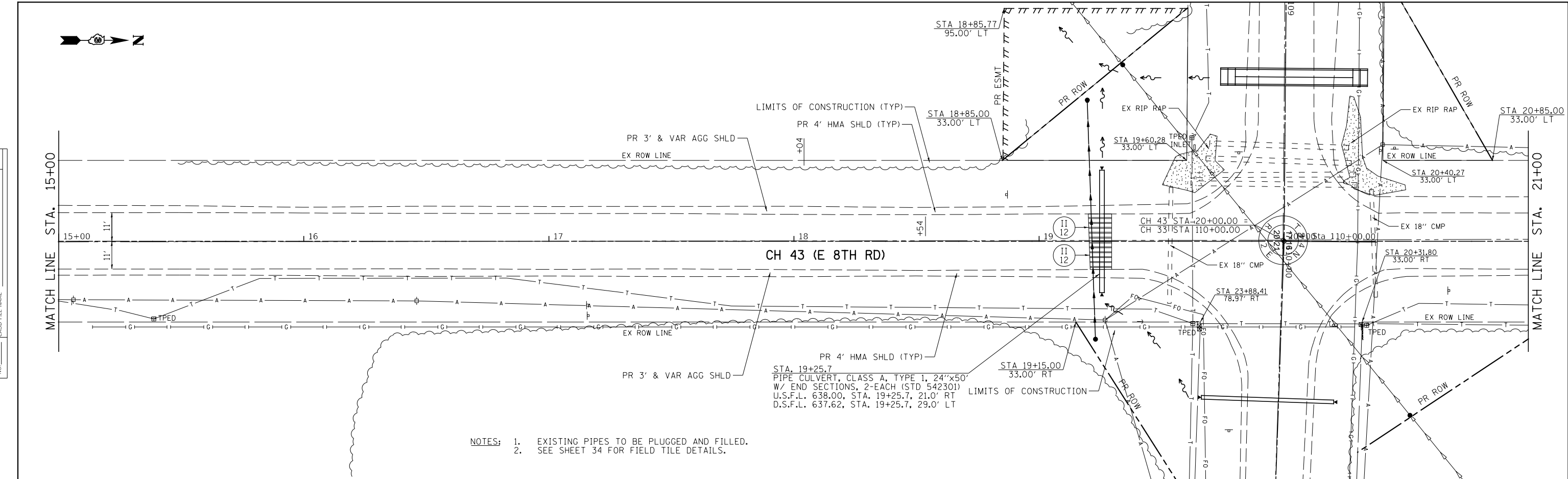
**LASALLE COUNTY
HIGHWAY DEPARTMENT**

CH 43 (E 8TH RD) PLAN AND PROFILE			
SCALE: H=20 V=5	SHEET 1	OF 8 SHEETS	STA. 10+00 TO STA. 15+00

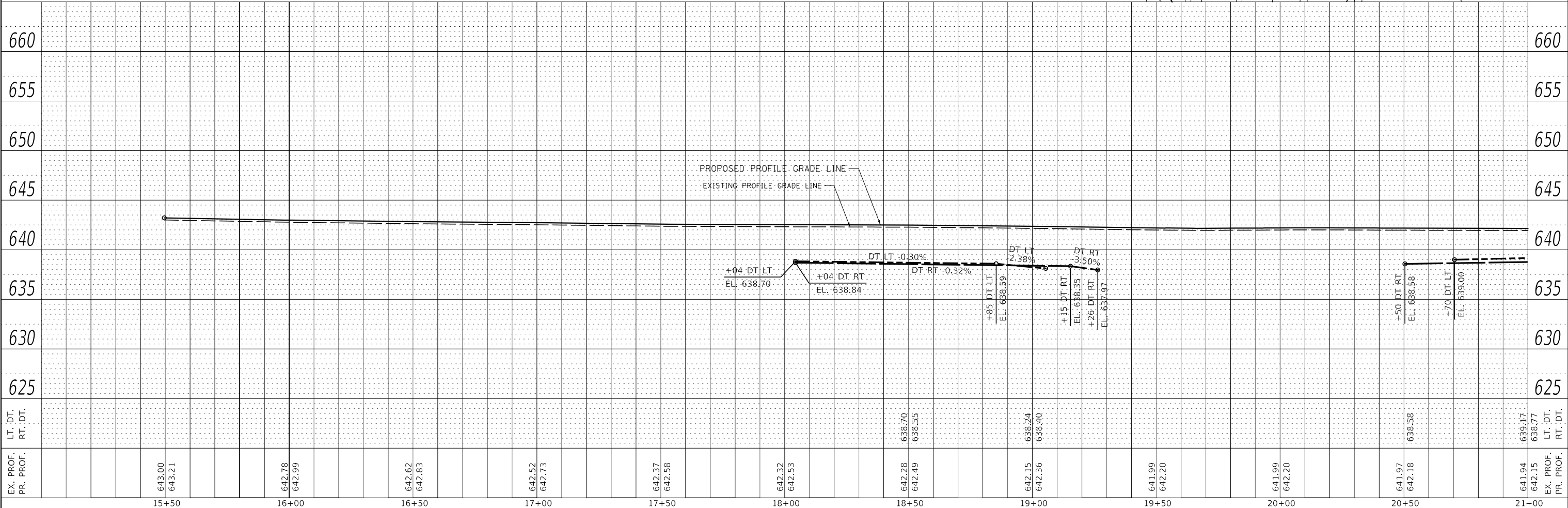
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	12
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



NOTES: 1. EXISTING PIPES TO BE PLUGGED AND FILLED.
2. SEE SHEET 34 FOR FIELD TILE DETAILS.



MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 3/27/2019	DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

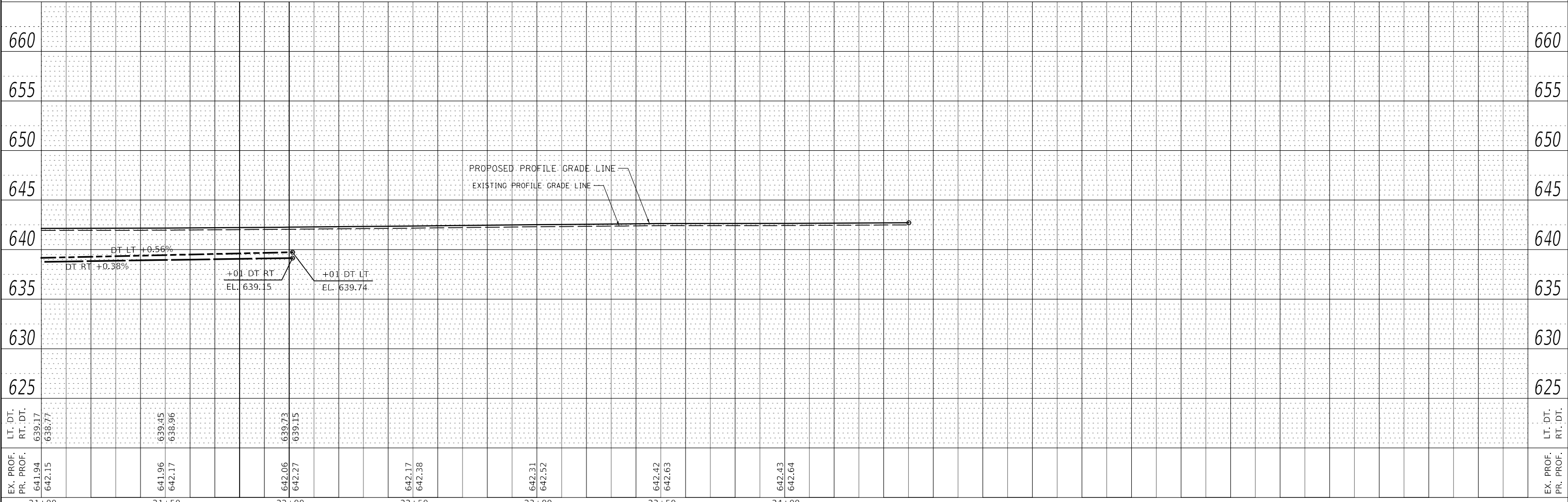
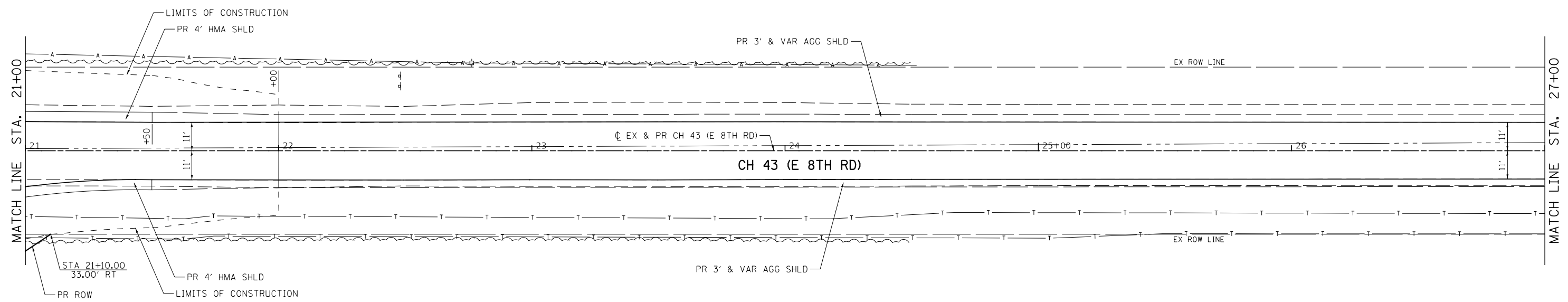
CH 43 (E 8TH RD) PLAN AND PROFILE	
SCALE: H=20 V=5	SHEET 2 OF 8 SHEETS
STA. 15+00	TO STA. 21+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	13
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



PLAN	SURVIVED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVIVED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS ERWD	
NOTE BOOK NO.		



MODEL: Default
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EX. PROF. PR. PROF.	LT. DT. RT. DT.	641.94 642.15	639.17 638.77	641.96 642.17	639.45 638.96	642.06 642.27	639.73 639.15	642.17 642.38	642.31 642.52	642.42 642.63	642.43 642.64	EX. PROF. PR. PROF.	LT. DT. RT. DT.	660 655 650 645 640 635 630 625	660 655 650 645 640 635 630 625
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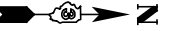
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

LASALLE COUNTY
 HIGHWAY DEPARTMENT

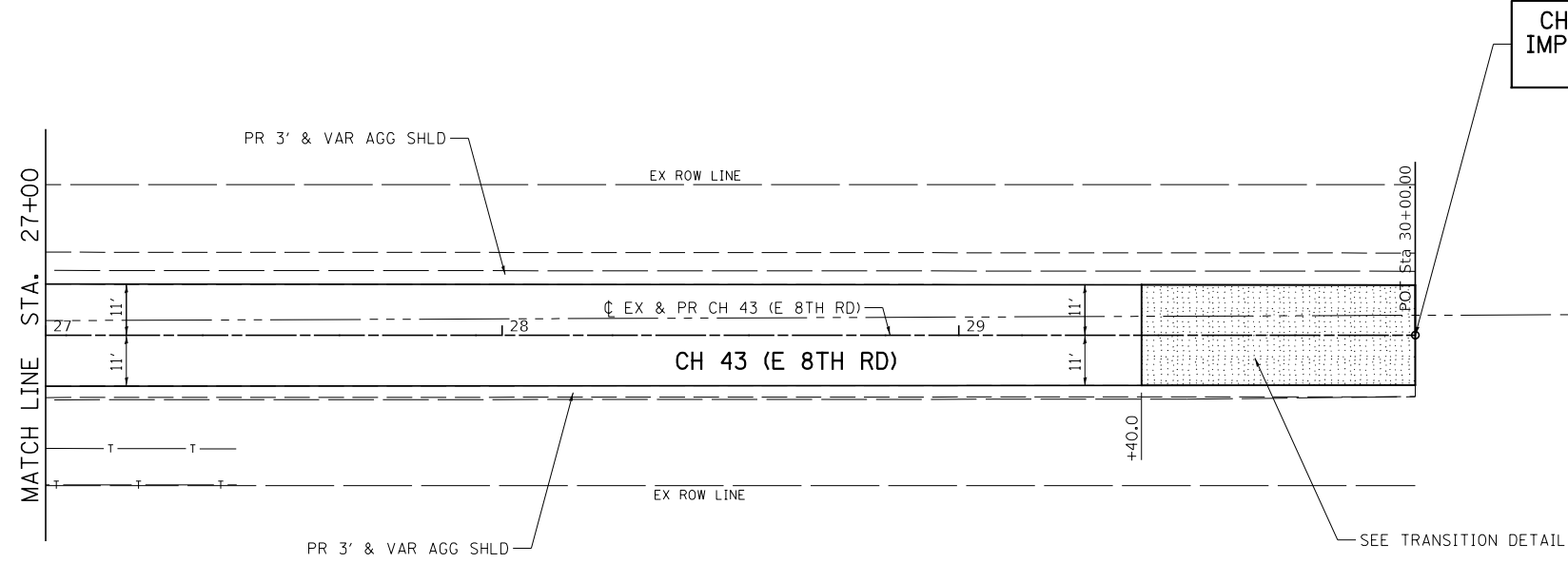
CH 43 (E 8TH RD)
 PLAN AND PROFILE

SCALE: H=20 V=5 SHEET 3 OF 8 SHEETS STA. 21+00 TO STA. 27+00

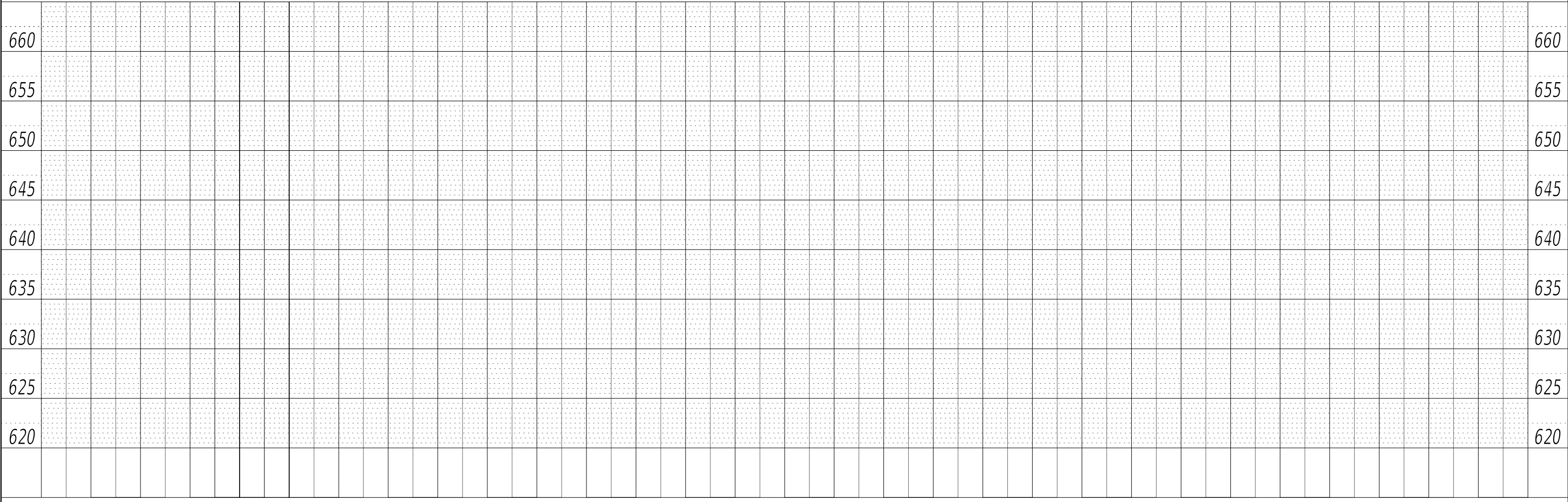
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*	16-00367-00-5P	LASALLE	45	14
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE CHECKED		
	CADD FILE NAME		
	NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



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	DRAWN -	REVISED -
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PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

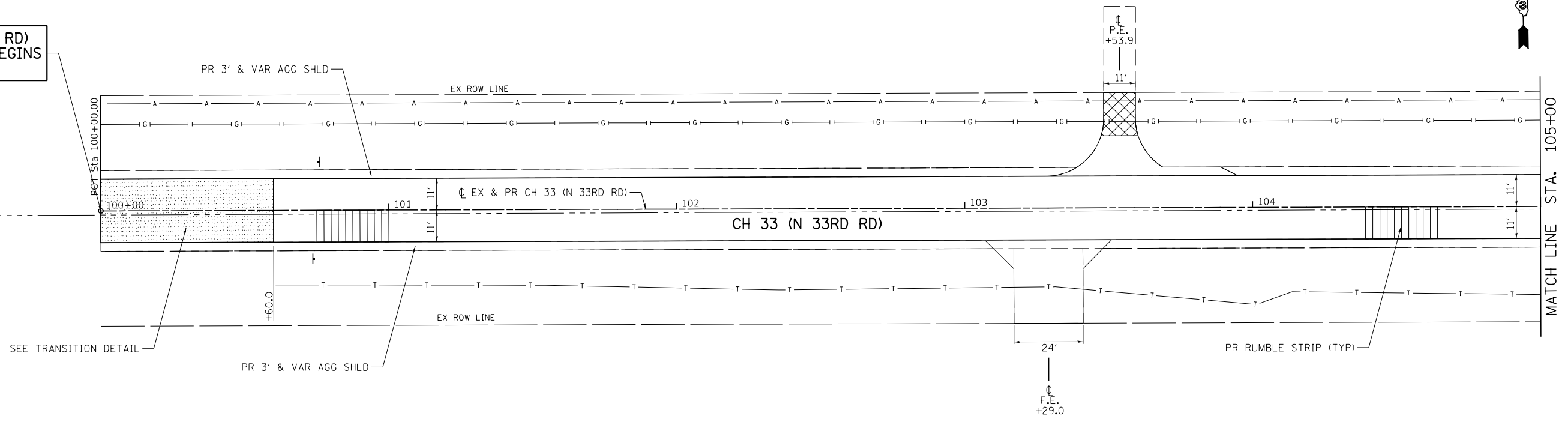
**CH 43 (E 8TH RD)
PLAN AND PROFILE**

SCALE: H=20 V=5 SHEET 4 OF 8 SHEETS STA. 27+00 TO STA. 30+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	15
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

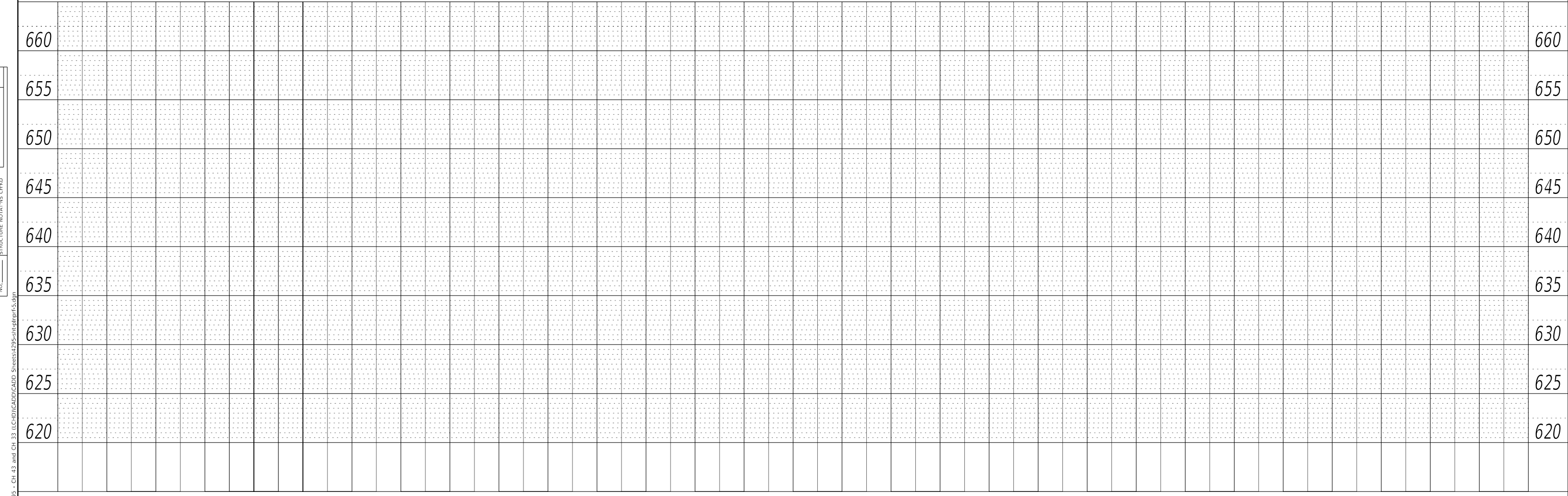


CH 33 (N 33RD RD)
IMPROVEMENT BEGINS
STA 100+00



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADE	FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATIONS
	NO.	



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	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

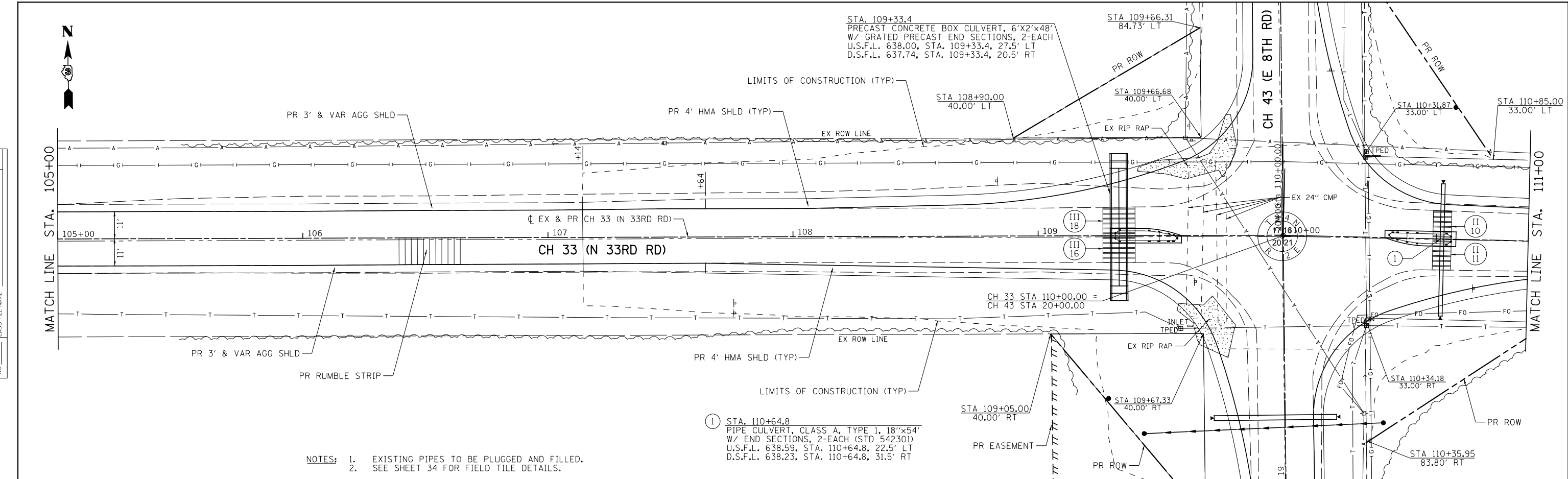
**CH 33 (N 33RD RD)
PLAN AND PROFILE**

SCALE: H=20 V=5 SHEET 5 OF 8 SHEETS STA. 100+00 TO STA. 105+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	16
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				

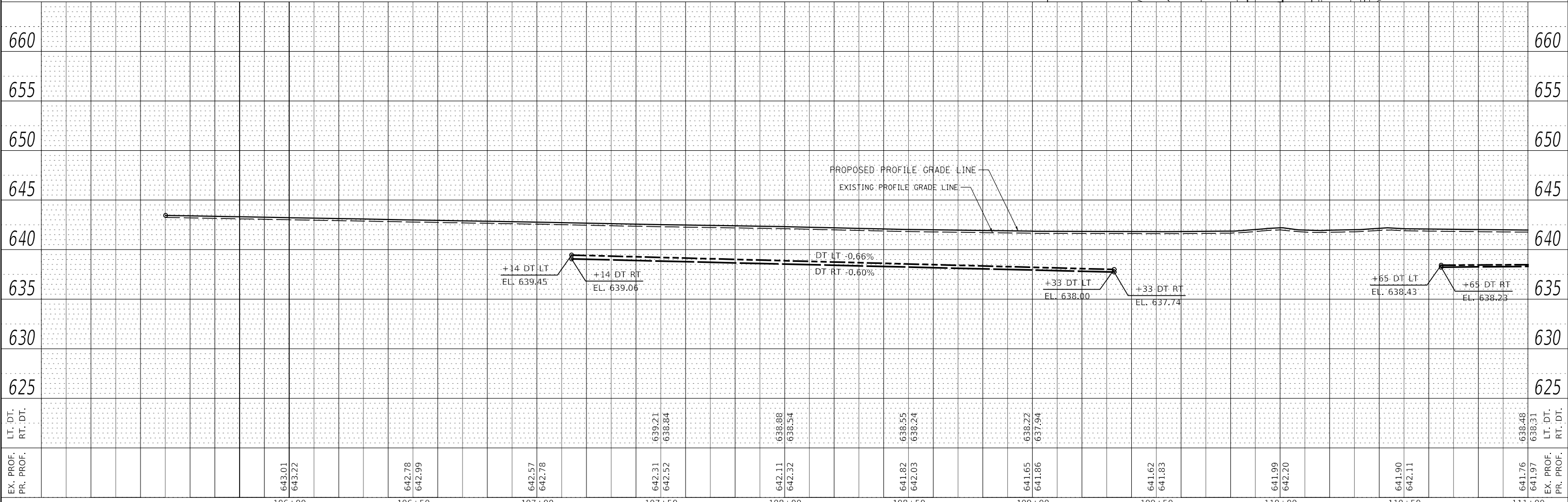
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	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	STRUCTURE NOTATION	FILE NAME
	NO.	



- NOTES:
- EXISTING PIPES TO BE PLUGGED AND FILLED.
 - SEE SHEET 34 FOR FIELD TILE DETAILS.

① STA. 110+64.8
 PIPE CULVERT, CLASS A, TYPE 1, 18"x54"
 W/ END SECTIONS, 2-EACH (STD 542301)
 U.S.F.L. 638.59, STA. 110+64.8, 22.5' LT
 D.S.F.L. 638.23, STA. 110+64.8, 31.5' RT



EX. PROF.	643.01	642.78	642.57	642.31	642.11	641.82	641.65	641.90	641.76
PR. PROF.	643.22	642.99	642.78	642.52	642.32	642.03	641.86	641.83	641.97
LT. DT.				639.21	638.88	638.55	638.22		638.48
RT. DT.			642.78	638.84	638.54	638.24	637.94	642.20	638.31
EX. PROF.									
PR. PROF.									

USER NAME = BWedemeyer	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 3/27/2019	DATE -	REVISD -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

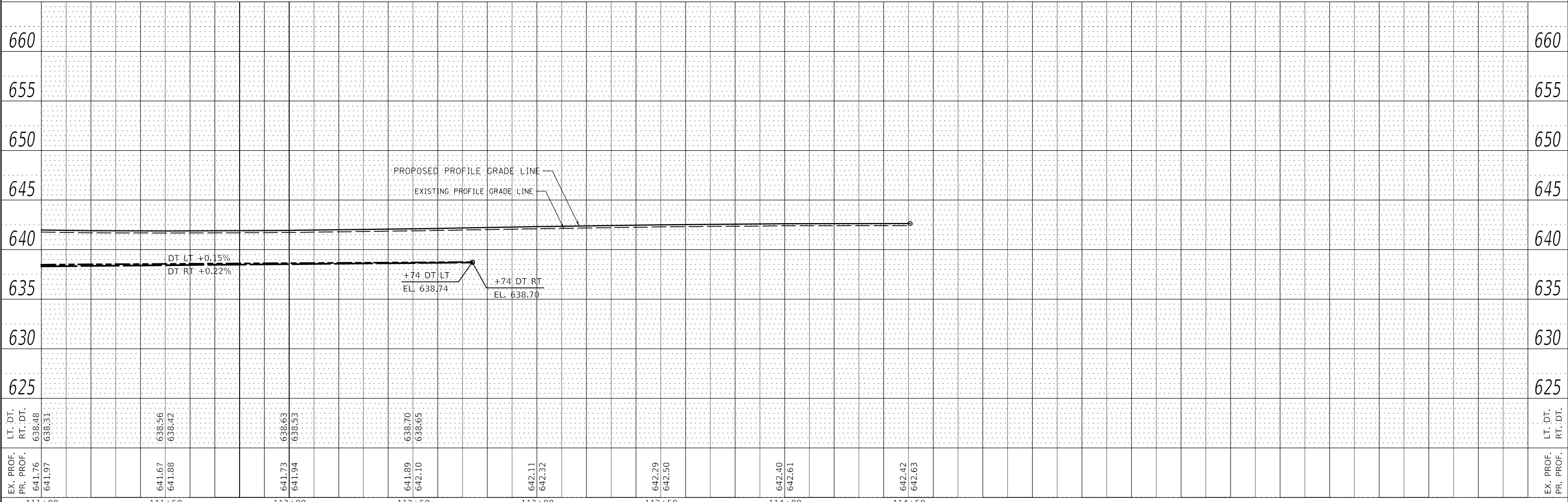
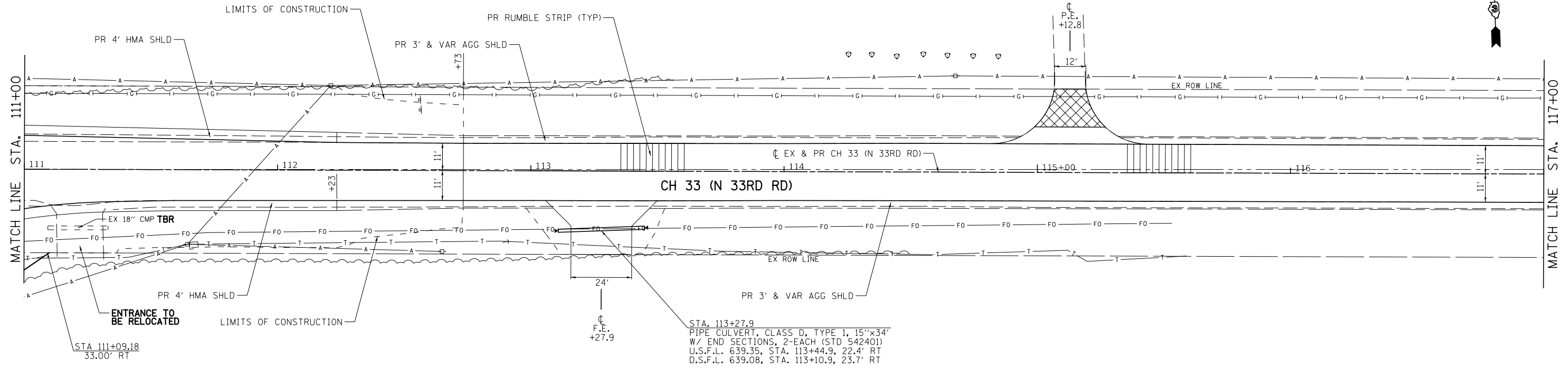
CH 33 (N 33RD RD) PLAN AND PROFILE	
SCALE: H=20 V=5	SHEET 6 OF 8 SHEETS
STA. 105+00	TO STA. 111+00

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	17
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				

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

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

MODEL: Default
FILE NAME: W:\3295 - CH 43 and CH 33 (LEID)CADD\CADD Sheets\435-sh-p1p1p7.dgn



EX. PROF. PR. PROF.	LT. DT. RT. DT.	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	EX. PROF. PR. PROF.	LT. DT. RT. DT.											
641.76 641.97	638.48 638.31		641.67 641.88	638.56 638.42		641.73 641.94	638.63 638.53		641.89 642.10	638.70 638.65		642.11 642.32	638.70 638.70		642.29 642.50		642.40 642.61		642.42 642.63		625	625

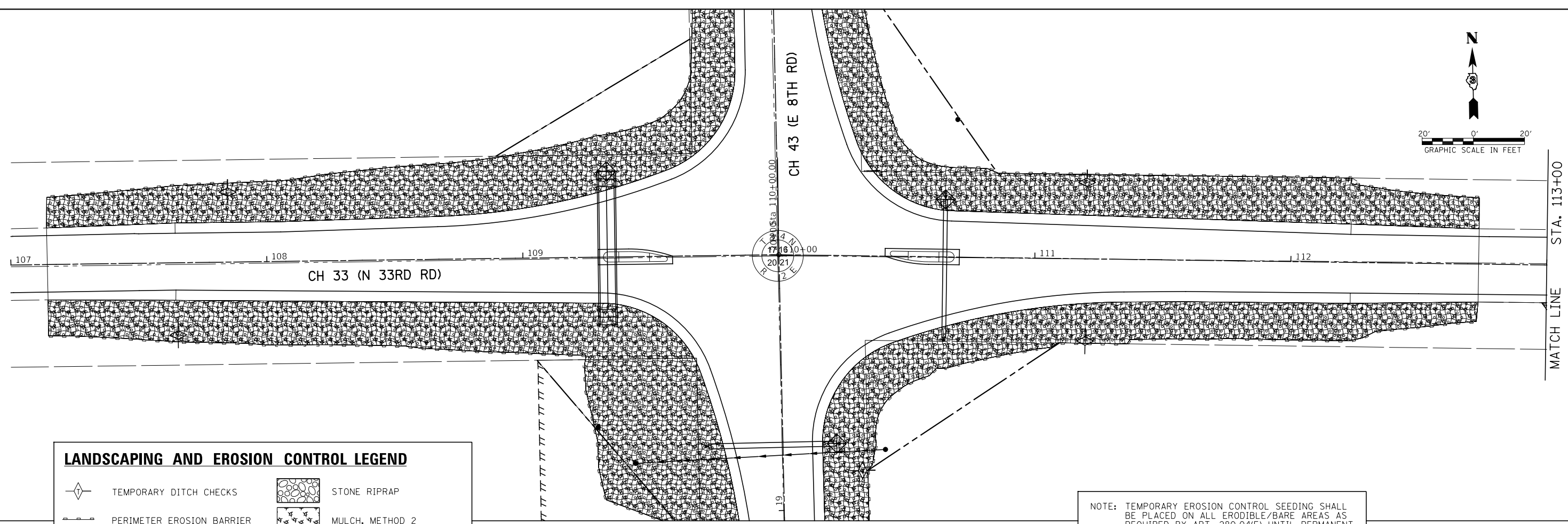
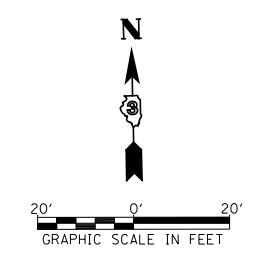
USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
PLAN AND PROFILE**

SCALE: H=20 V=5 SHEET 7 OF 8 SHEETS STA. 111+00 TO STA. 117+00

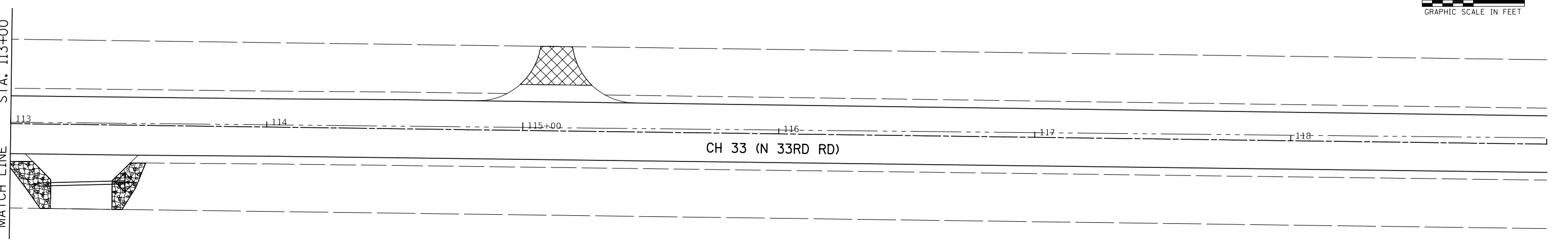
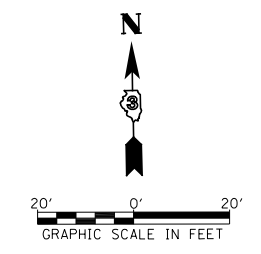
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	18
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



LANDSCAPING AND EROSION CONTROL LEGEND

	TEMPORARY DITCH CHECKS		STONE RIPRAP
	PERIMETER EROSION BARRIER		MULCH, METHOD 2
	INLET AND PIPE PROTECTION		SEEDING, CLASS 2A
			EROSION CONTROL BLANKET

NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL ERODIBLE/BARE AREAS AS REQUIRED BY ART. 280.04(F) UNTIL PERMANENT SEEDING IS PLACED.



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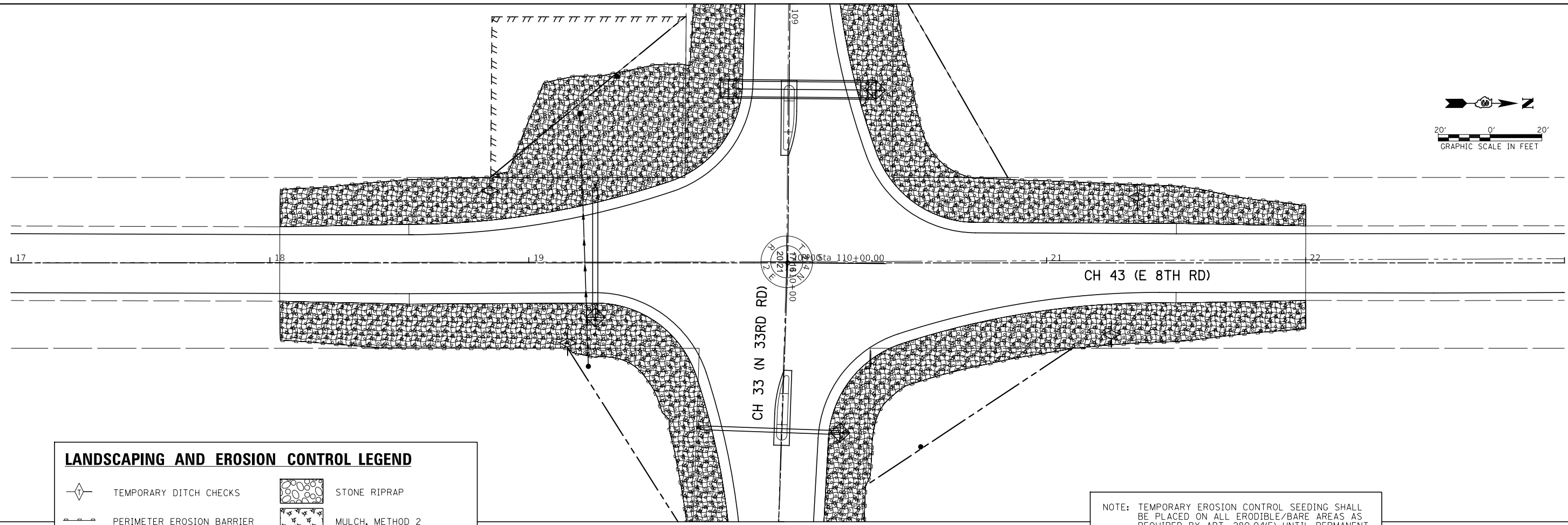
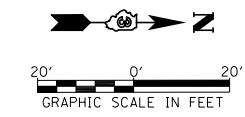
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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
LANDSCAPING & EROSION CONTROL PLANS**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 107+00 TO STA. 119+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	20
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				



LANDSCAPING AND EROSION CONTROL LEGEND

	TEMPORARY DITCH CHECKS		STONE RIPRAP
	PERIMETER EROSION BARRIER		MULCH, METHOD 2
	INLET AND PIPE PROTECTION		SEEDING, CLASS 2A
			EROSION CONTROL BLANKET

NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL ERODIBLE/BARE AREAS AS REQUIRED BY ART. 280.04(F) UNTIL PERMANENT SEEDING IS PLACED.

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	DRAWN -	REVISED -
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PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
LANDSCAPING & EROSION CONTROL PLANS**

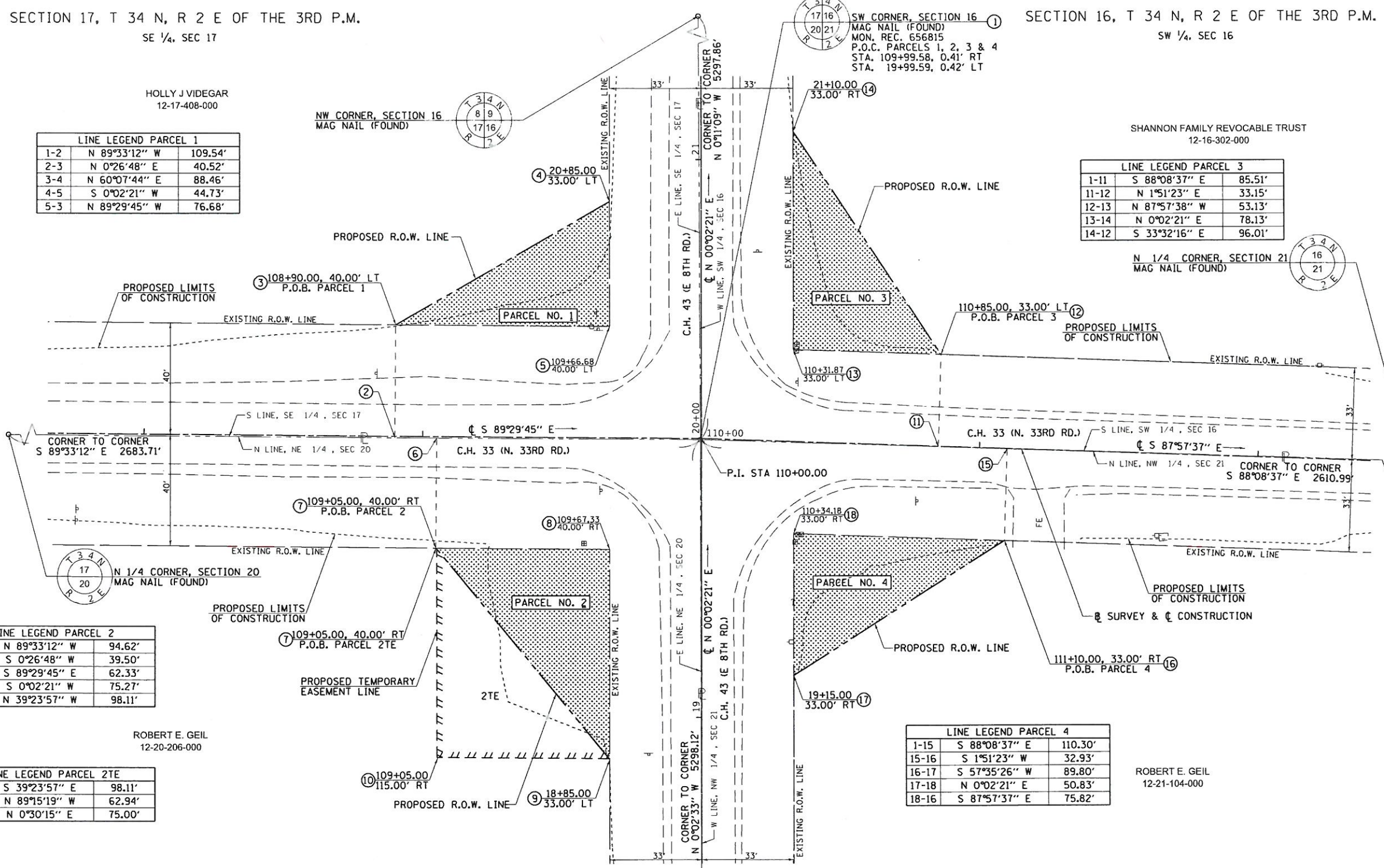
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 17+00 TO STA. 23+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	21
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

SECTION 17, T 34 N, R 2 E OF THE 3RD P.M.
SE 1/4, SEC 17

HOLLY J VIDEGAR
12-17-408-000

LINE LEGEND PARCEL 1		
1-2	N 89°33'12" W	109.54'
2-3	N 0°26'48" E	40.52'
3-4	N 60°07'44" E	88.46'
4-5	S 0°02'21" W	44.73'
5-3	N 89°29'45" W	76.68'



SECTION 16, T 34 N, R 2 E OF THE 3RD P.M.
SW 1/4, SEC 16

SHANNON FAMILY REVOCABLE TRUST
12-16-302-000

LINE LEGEND PARCEL 3		
1-11	S 88°08'37" E	85.51'
11-12	N 1°51'23" E	33.15'
12-13	N 87°57'38" W	53.13'
13-14	N 0°02'21" E	78.13'
14-12	S 33°32'16" E	96.01'

N 1/4 CORNER, SECTION 21
MAG NAIL (FOUND)

LINE LEGEND PARCEL 2		
1-6	N 89°33'12" W	94.62'
6-7	S 0°26'48" W	39.50'
7-8	S 89°29'45" E	62.33'
8-9	S 0°02'21" W	75.27'
9-7	N 39°23'57" W	98.11'

ROBERT E. GEIL
12-20-206-000

LINE LEGEND PARCEL 2TE		
7-9	S 39°23'57" E	98.11'
9-10	N 89°15'19" W	62.94'
10-7	N 0°30'15" E	75.00'

LINE LEGEND PARCEL 4		
1-15	S 88°08'37" E	110.30'
15-16	S 1°51'23" W	32.93'
16-17	S 57°35'26" W	89.80'
17-18	N 0°02'21" E	50.83'
18-16	S 87°57'37" E	75.82'

ROBERT E. GEIL
12-21-104-000

NE 1/4, SEC 20
SECTION 20, T 34 N, R 2 E OF THE 3RD P.M.



EXPIRES: 11/30/2020

I, CRAIG A. YOUNG, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF ILLINOIS DO HEREBY CERTIFY THAT THE PLAT AND DESCRIPTION HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY SUPERVISION. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

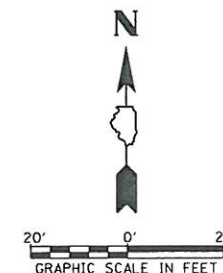
Craig A. Young
CRAIG A. YOUNG
PROFESSIONAL LAND SURVEYOR NO. 3764

NW 1/4, SEC 21
SECTION 21, T 34 N, R 2 E OF THE 3RD P.M.

SW CORNER, SECTION 21
MAG NAIL (FOUND)

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- NET ROW REQUIRED



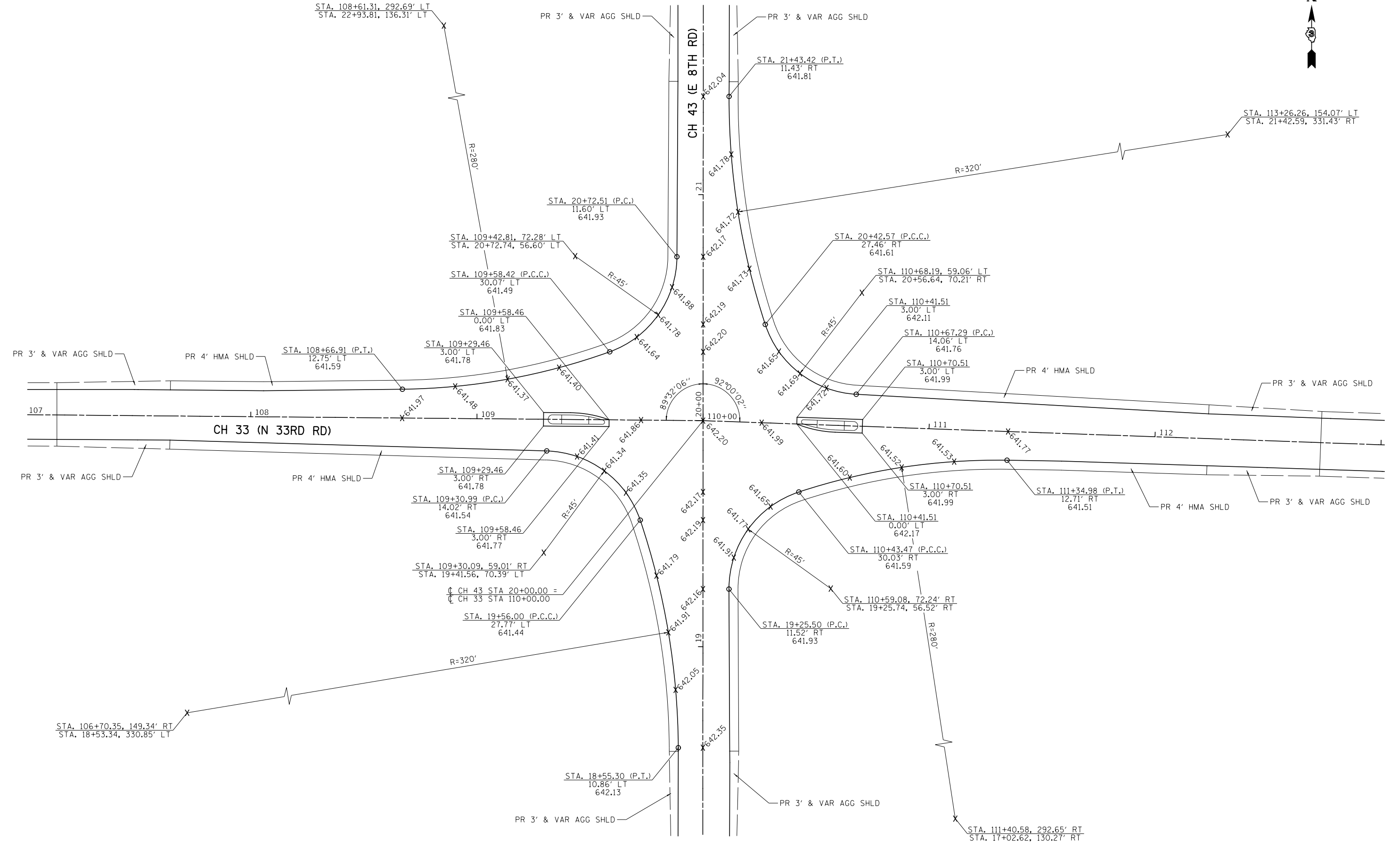
NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011 ADJ.) - EAST ZONE

LASALLE COUNTY HIGHWAY DEPT.
RIGHT OF WAY PLAT

ROUTE: C.H. 33 (N. 33RD RD.) & C.H. 43 (E. 8TH RD.)
SECTION: 16-00367-00-SP
COUNTY: LASALLE
JOB# _____ PROJECT# XLVT (884)
SECTIONS 16, 17, 20 & 21 T34N, R2E OF 3RD P.M.
STA 108+90.00 TO STA 111+10.00 (C.H. 33)
STA 18+85.00 TO STA 21+10.00 (C.H. 43)
SCALE: 1"=20' SHEET NO. 1 OF 1

HUTCHISON ENGINEERING, INC.
605 ROLLINGWOOD DRIVES
SHOREWOOD, IL 60404
ILLINOIS PROFESSIONAL DESIGN
FIRM NO. 184-000825

PARCEL NUMBER	OWNER'S NAME	PROPOSED R.O.W. AREA (ACRE)	TEMPORARY EASEMENT (ACRE)	TEMPORARY EASEMENT PURPOSE
1	HOLLY J VIDEGAR	0.039	N/A	N/A
2	ROBERT E. GEIL	0.054	0.054	GRADING
3	SHANNON FAMILY REVOCABLE TRUST	0.048	N/A	N/A
4	ROBERT E. GEIL	0.044	N/A	N/A



NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

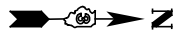
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

CH 43 (E 8TH RD) & CH 33 (W 33RD RD) INTERSECTION DETAIL			
SCALE: 1"=10'	SHEET 3	OF 3 SHEETS	STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	23
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



PASS WITH CARE

R4-2
24" x 30"
TYPE AP (HIP) SHEETING
REQUIRED

+55.7

PAINT PAVEMENT MARKING
LINE 4" - DOUBLE YELLOW - SOLID
11" C-C

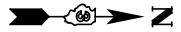
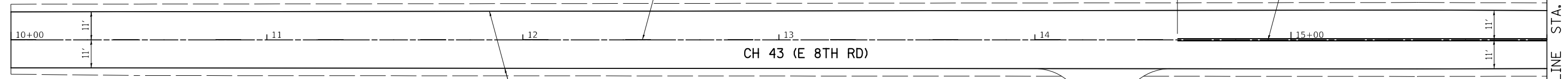
PAINT PAVEMENT MARKING
LINE 4" - YELLOW - SKIP DASH

PAINT PAVEMENT MARKING
LINE 4" - WHITE - SOLID

DO NOT PASS

R4-1
24" x 30"
TYPE AP (HIP) SHEETING
REQUIRED

CH 43 (E 8TH RD)

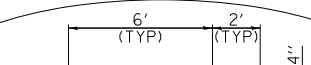


PAINT PAVEMENT MARKING
LINE 4" - WHITE - DOTTED

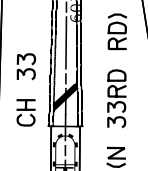
PAINT PAVEMENT MARKING
LINE 4" - DOUBLE YELLOW - SOLID
11" C-C

PAINT PAVEMENT MARKING
LINE 4" - WHITE - SOLID (TYP)

CH 43 (E 8TH RD)



DOTTED LINE DETAIL



MATCH LINE STA. 16+00

MATCH LINE STA. 22+00

MODEL: Default
FILE NAME: \\s3295 - CH 43 and CH 33 (LCL)IDICADD\GADD Sheets\43295-eh-epmk-1.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
PAVEMENT MARKING & SIGNING PLAN**

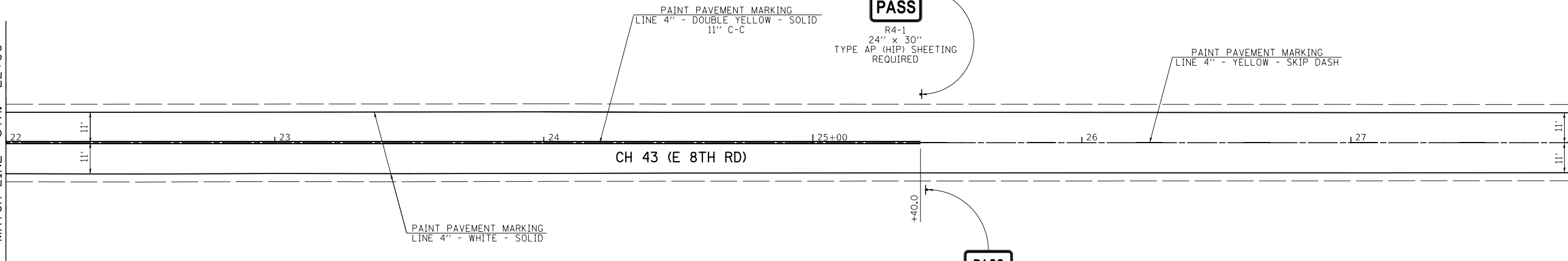
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 10+00 TO STA. 22+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	24
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



MATCH LINE STA. 22+00

MATCH LINE STA. 28+00



DO NOT PASS

R4-1
24" x 30"
TYPE AP (HIP) SHEETING
REQUIRED

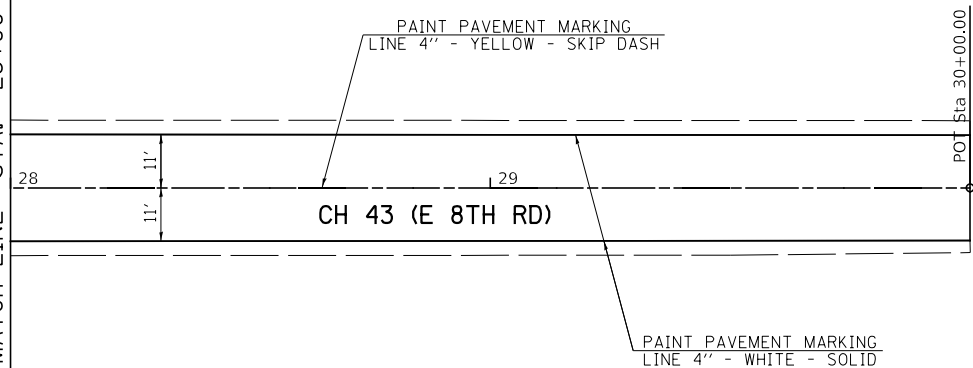
PASS WITH CARE

R4-2
24" x 30"
TYPE AP (HIP) SHEETING
REQUIRED



MATCH LINE STA. 28+00

POT Sta 30+00.00



MODEL Default
FILE Name: 16-0367-00-SP - CH 43 and CH 33 (LIC)D:\CADD\CADD_Sheets\16-0367-00-SP\CH 43.pmk2.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
PAVEMENT MARKING & SIGNING PLAN**

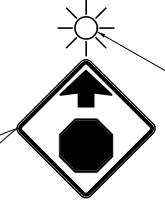
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 22+00 TO STA. 30+00

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	25
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				



PASS WITH CARE

R4-2
24" x 30"
TYPE AP (HIP) SHEETING
REQUIRED

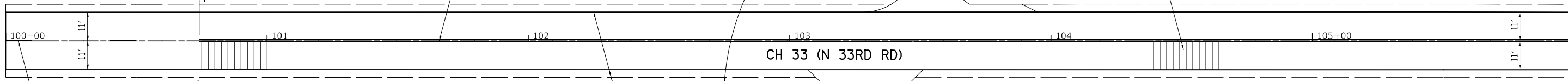


AMBER LIGHT, 1-FACE,
1-SECTION SIGNAL HEAD

W3-1
30" x 30"
TYPE AP (HIP)
SHEETING REQUIRED

PR RUMBLE STRIP
(SEE DETAILS FOR SIZE
& SPACING) (TYP)

PAINT PAVEMENT MARKING
LINE 4" - DOUBLE YELLOW - SOLID
11" C-C



PAINT PAVEMENT MARKING
LINE 4" - YELLOW - SKIP DASH

DO NOT PASS

R4-1
24" x 30"
TYPE AP (HIP) SHEETING
REQUIRED

PAINT PAVEMENT MARKING
LINE 4" - WHITE - SOLID (TYP)

CH 33 (N 33RD RD)

MATCH LINE STA. 106+00



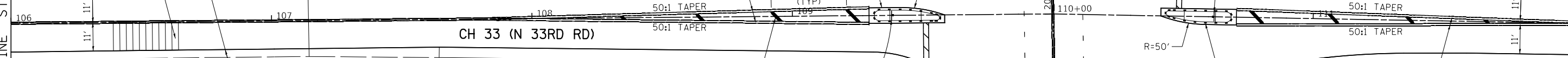
MATCH LINE STA. 106+00

PR RUMBLE STRIP
(SEE DETAILS FOR SIZE
& SPACING)

PAINT PAVEMENT MARKING
LINE 4" - YELLOW - SOLID (TYP)

PAINT PAVEMENT MARKING
LINE 4" - DOUBLE YELLOW - SOLID
11" C-C (TYP)

PAINT PAVEMENT MARKING
LINE 4" - WHITE - DOTTED (TYP)



PAINT PAVEMENT MARKING
LINE 4" - WHITE - SOLID (TYP)

PAINT PAVEMENT MARKING
LINE 12" - YELLOW - SOLID (TYP)

RED LIGHT, 1-FACE,
1-SECTION SIGNAL HEAD



R1-1
36" x 36"
TYPE ZZ
SHEETING REQUIRED

STOP

**CROSS TRAFFIC
DOES NOT STOP**

FLASHING LED EDGE
SEE SPECIAL PROVISIONS

W4-I100
30" x 18"
TYPE AP (HIP)
SHEETING REQUIRED

PREFORMED PLASTIC PAVEMENT MARKING
TYPE B INLAID LINE 24" - WHITE - SOLID (TYP)

RED LIGHT, 1-FACE
1-SECTION SIGNAL HEAD



R1-1
36" x 36"
TYPE ZZ
SHEETING REQUIRED

STOP

**CROSS TRAFFIC
DOES NOT STOP**

FLASHING LED EDGE
SEE SPECIAL PROVISIONS

W4-I100
30" x 18"
TYPE AP (HIP)
SHEETING REQUIRED

PRISMATIC CURB
REFLECTOR (TYP)

PAINT PAVEMENT MARKING
LINE 4" - DOUBLE YELLOW - SOLID
11" C-C (TYP)

MATCH LINE STA. 112+00

MODEL Default
FILE Name: 16-0367-00-SP - CH 33 (N 33RD RD) Pavement Marking & Signing Plan.dwg

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

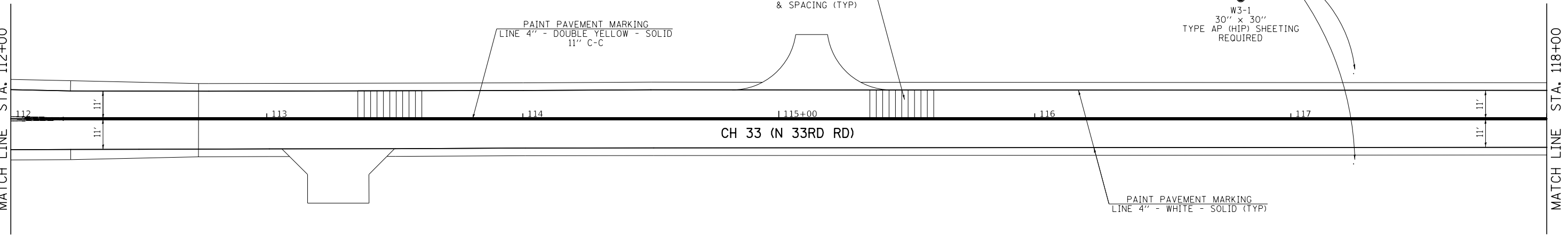
CH 33 (N 33RD RD)
PAVEMENT MARKING & SIGNING PLAN

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 100+00 TO STA. 112+00

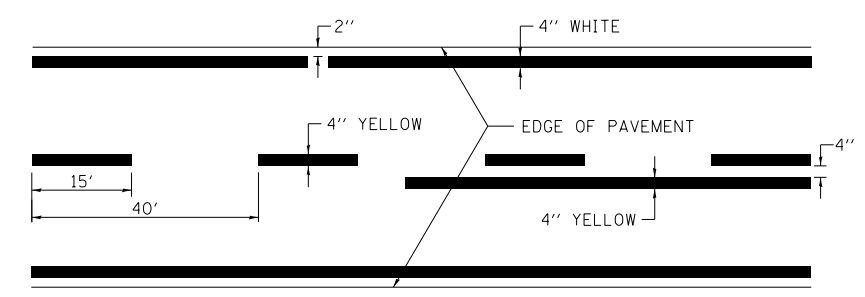
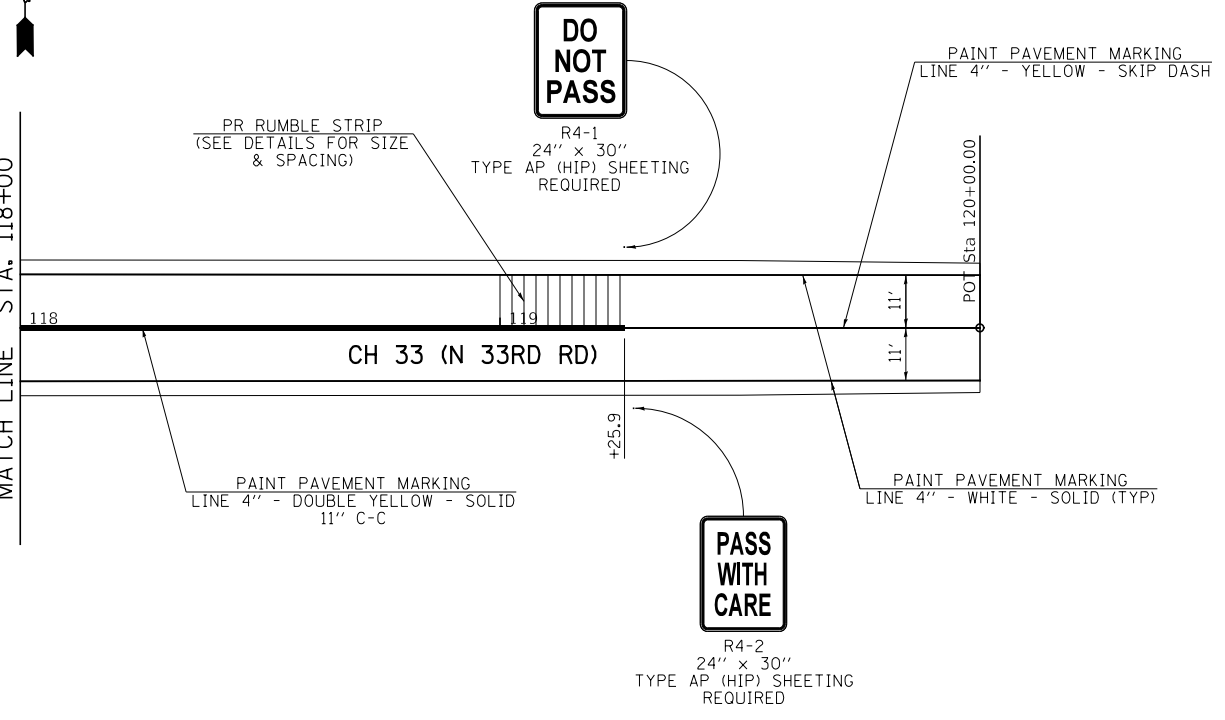
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	26
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				



MATCH LINE STA. 112+00



MATCH LINE STA. 118+00



LASALLE COUNTY PAVEMENT STRIPING DETAIL

MODEL: Default
FILE NAME: 16-00367-00-SP - CH 33 (N 33RD RD) - CH 43 and CH 33 (LCL) (D) (CADD) (CADD) Sheets 43-45.dwg

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
PAVEMENT MARKING & SIGNING PLAN**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 112+00 TO STA. 120+00

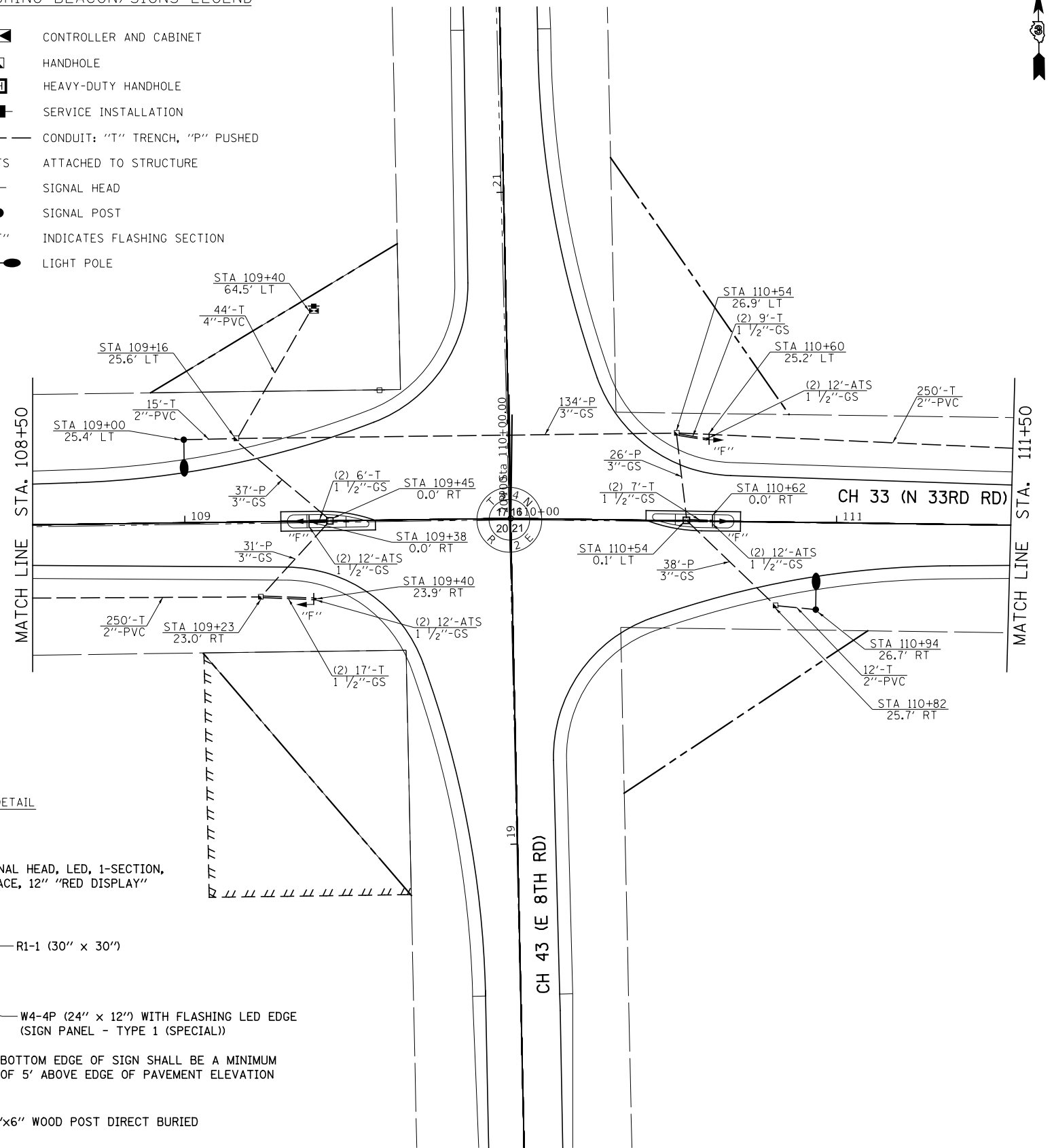
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	27
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

FLASHING BEACONS/SIGNS GENERAL NOTES:

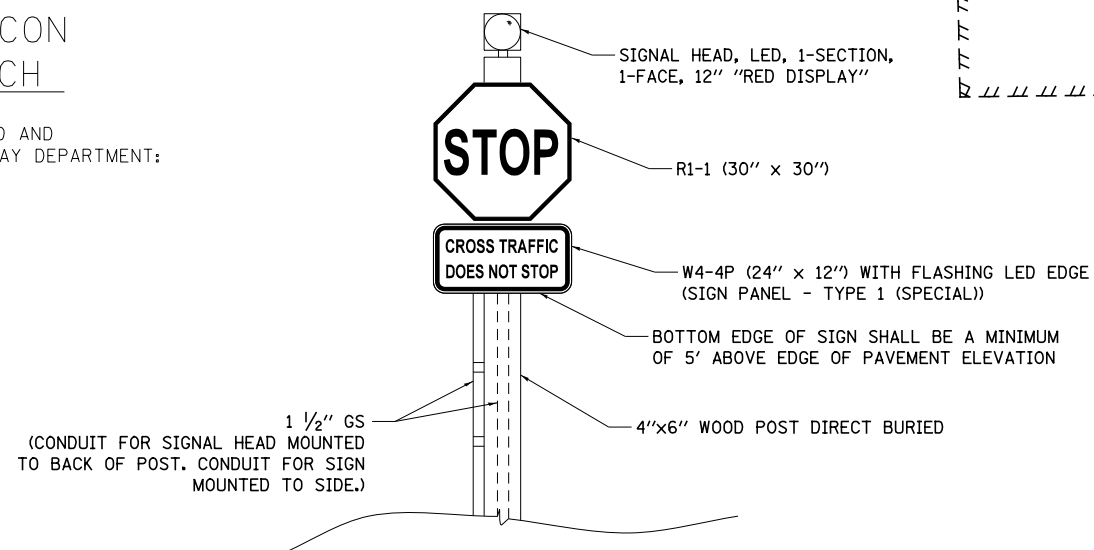
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
2. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
3. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
4. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF CONDUIT PAY ITEM.
5. ALL CONDUIT IN TRENCH SHALL BE PVC. ALL CONDUIT PUSHED MAY BE PVC OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES AND UNDER CH 33 AND CH 43 SHALL BE GALVANIZED STEEL.
6. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
7. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
8. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
9. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
11. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
12. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
13. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
14. FOR CONDUIT GOING TO THE SIGNAL HEAD MOUNTED ON THE SIGN POST, 12 FEET OF CONDUIT ATTACHED TO STRUCTURE HAS BEEN INCLUDED FOR THE PORTION ATTACHED TO THE SIGN POST. THE CONDUIT ADAPTER FROM THE GROUND CONDUIT TO THE ATTACHED CONDUIT IS INCIDENTAL TO THE CONDUIT PAY ITEM.
15. SEE STANDARD 880001 FOR ADDITIONAL DETAILS.
16. THE CONTRACTOR SHALL COMPLY WITH AMEREN ILLINOIS METER STANDARDS FOUND IN THE CURRENT "AMEREN SERVICE MANUAL"

FLASHING BEACON/SIGNS LEGEND

- CONTROLLER AND CABINET
- HANDHOLE
- HEAVY-DUTY HANDHOLE
- SERVICE INSTALLATION
- CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
- SIGNAL HEAD
- SIGNAL POST
- "F" INDICATES FLASHING SECTION
- LIGHT POLE



SIGN DETAIL



REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE - 1 EACH

THE FOLLOWING FLASHING BEACON EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE LASALLE COUNTY HIGHWAY DEPARTMENT:

- 2 EACH SIGNAL HEAD
- 2 EACH SOLAR PANEL

MODEL Default
FILE Name: 1613295 - CH 43 and CH 33 (LCL) (D) CADD (CADD Sheets) 1613295-sh14c-1.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0008 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -







**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
PROPOSED CABLE INSTALLATION**

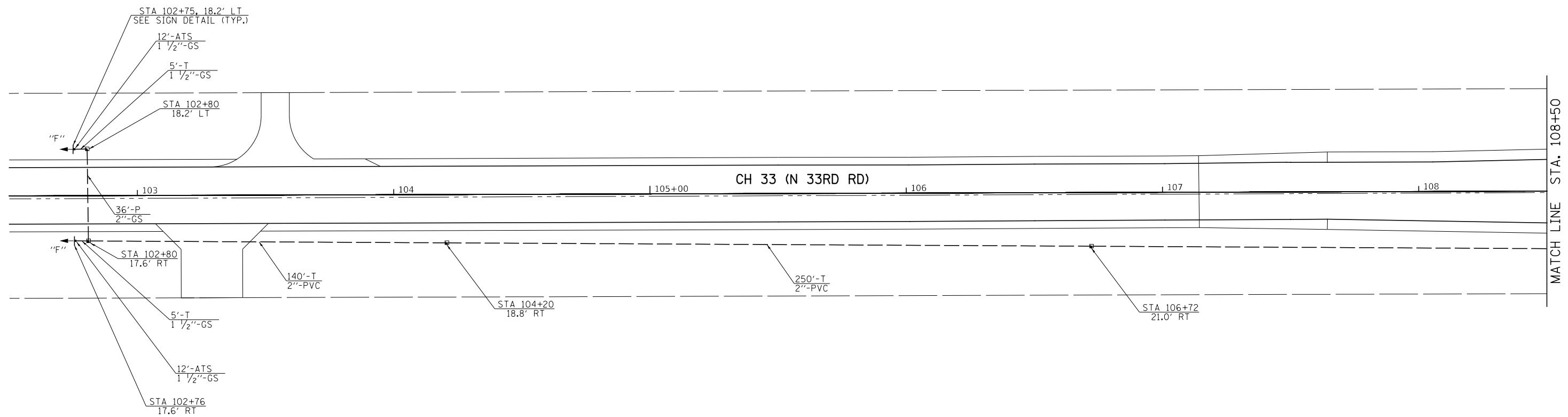
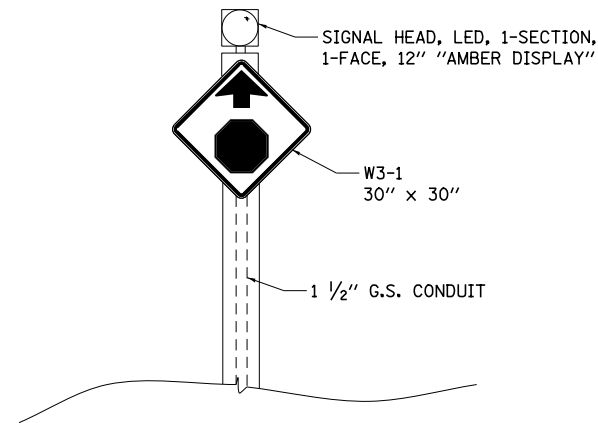
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 108+50 TO STA. 111+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	28
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

FLASHING BEACON/SIGNS LEGEND

-  CONTROLLER AND CABINET
-  HANDHOLE
-  SERVICE INSTALLATION
-  CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
-  SIGNAL HEAD
-  SIGNAL POST
- "F" INDICATES FLASHING SECTION

SIGN DETAIL



MODEL: D:\dgn\... CH 33 (N 33RD RD) CH 33 (N 33RD RD) SHEETS\4395-sht-2.dgn
 FILE NAME: 4395 - CH 33 (N 33RD RD) CH 33 (N 33RD RD) SHEETS\4395-sht-2.dgn

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0008 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -







**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
PROPOSED CABLE INSTALLATION**

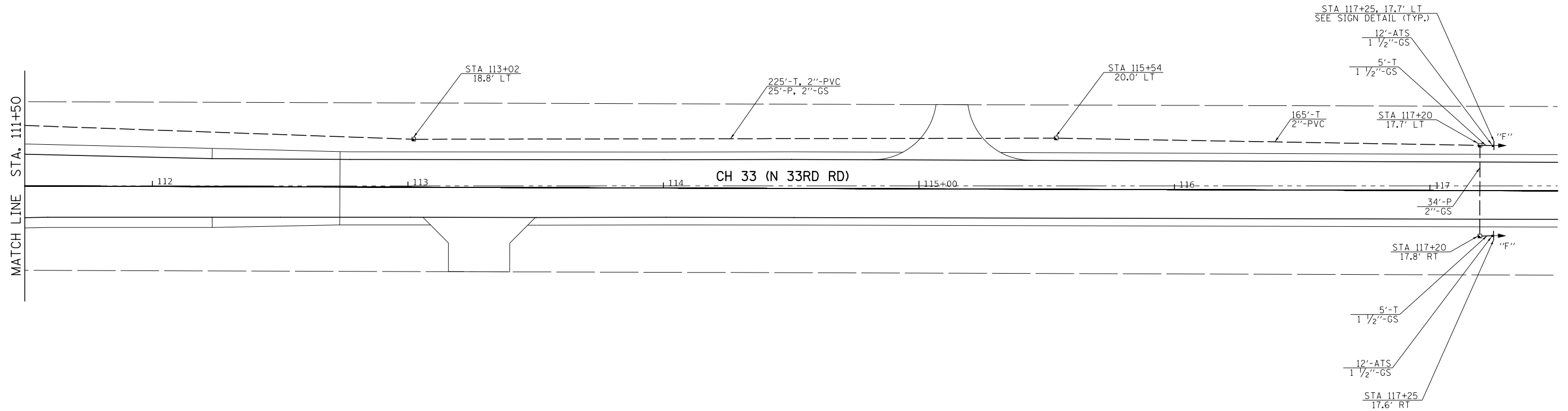
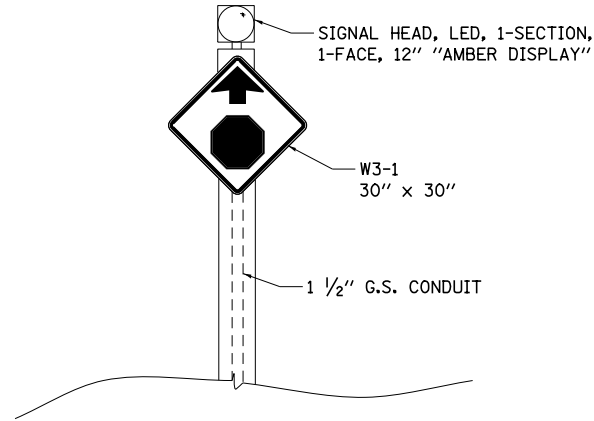
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 102+50 TO STA. 108+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	29
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

FLASHING BEACON/SIGNS LEGEND

-  CONTROLLER AND CABINET
-  HANDHOLE
-  SERVICE INSTALLATION
-  CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
-  SIGNAL HEAD
-  SIGNAL POST
- "F" INDICATES FLASHING SECTION

SIGN DETAIL



MODEL Default
FILE Name: \\s3295 - CH 43 and CH 33 (LIC)ID\CADD\CADD Sheets\43295-sh43-3.dgn

USER NAME = BDeCraene	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0008 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

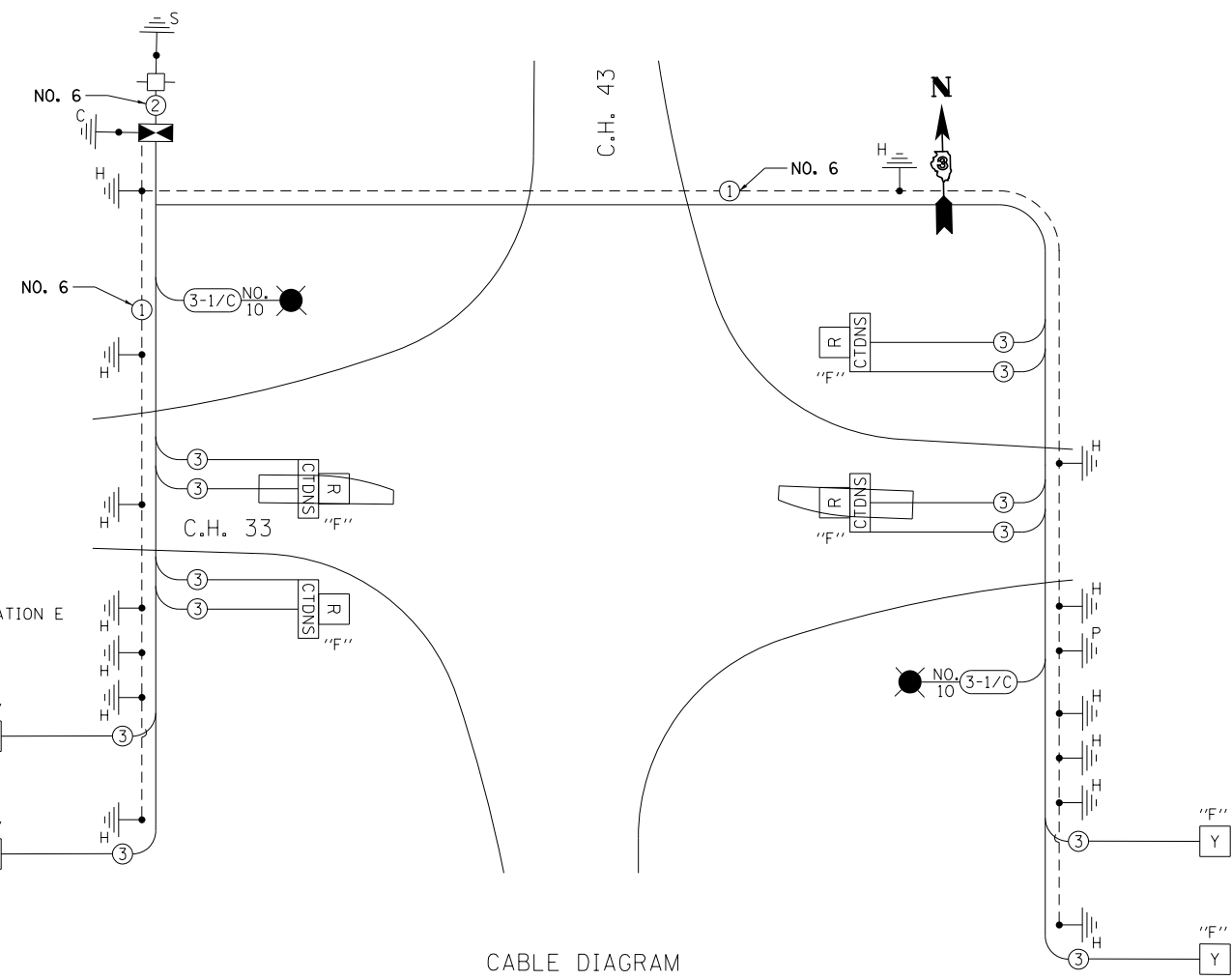
CH 33 (N 33RD RD)
PROPOSED CABLE INSTALLATION

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 111+50 TO STA. 117+50

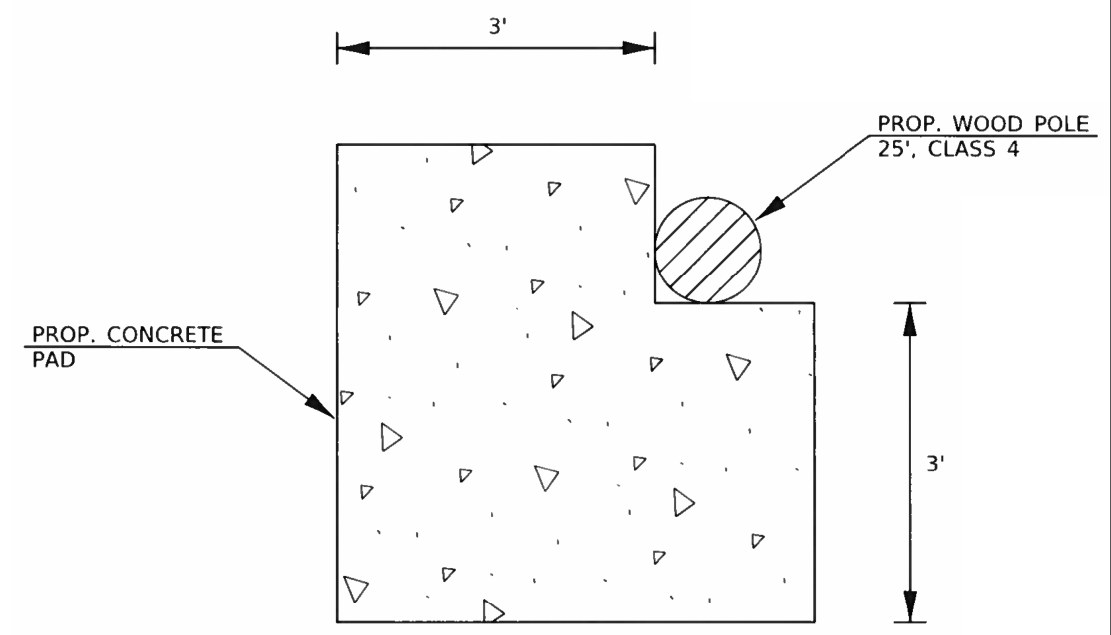
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	30
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

PROPOSED CABLE DIAGRAM LEGEND

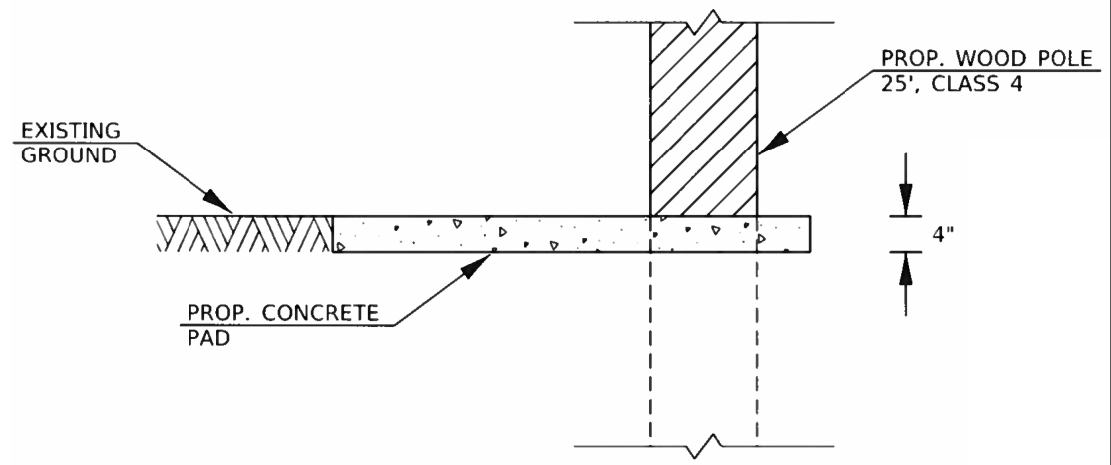
- CONTROLLER AND CABINET
- HANDHOLE
- SERVICE INSTALLATION
- INDICATES FLASHING SECTION
- "F" INDICATES FLASHING SECTION
- DENOTES NUMBER OF CONDUCTORS
- H GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- P GROUND ROD AT POST
- S GROUND ROD AT ELECTRIC SERVICE INSTALLTION
- C GROUND ROD AT CONTROLLER
- CTDNS CROSS TRAFFIC DOES NOT STOP (W4-4P) SIGN PANEL - TYPE 1 (SPECIAL)
- LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E



CABLE DIAGRAM



TOP VIEW



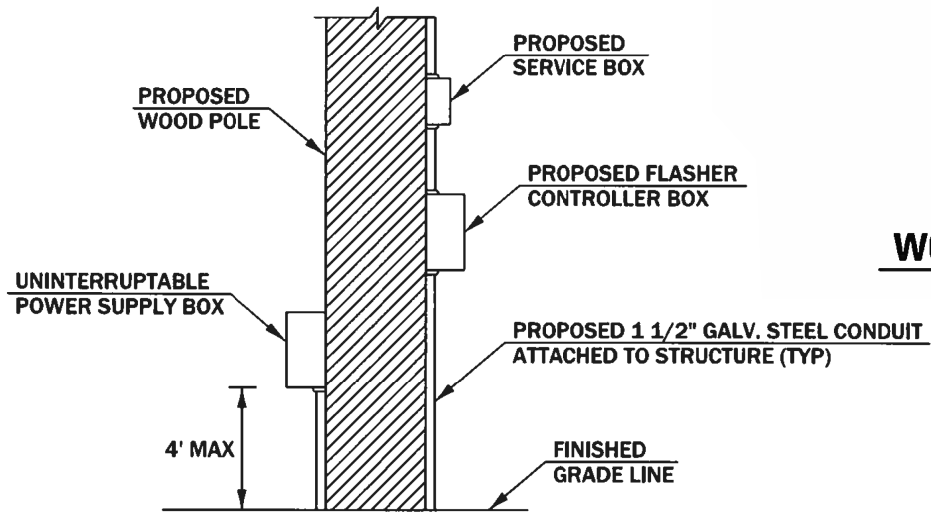
FRONT VIEW

WOOD POLE AND CONCRETE PAD LAYOUT

SCHEDULE OF QUANTITIES

ITEM NUMBER	ITEM NAME	UNIT	PLAN QUANTITY
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	98
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	95
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	132
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1307
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	44
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	144
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	12
81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLEN	FOOT	474
* 82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	2
* 82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
83000600	LIGHT POLE, ALUMINUM, 30 FT. M.H., 15 FT. DAVIT ARM	EACH	2
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	26
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2
* 85800100	FLASHER CONTROLLER	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4291
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	15
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1900
88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	8
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
* X0326887	WOOD POLE, 25 FT, CLASS 4	EACH	1
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	8
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

* SEE SPECIAL PROVISIONS



INTERSECTION CONTROLLER/SERVICE BOX INSTALLATION DETAIL (NTS)

NOTE: THE IDOT TRAFFIC SIGNAL SECTION SHALL BE CONTACTED AT 815-434-8506 BEFORE THE EQUIPMENT IS MOUNTED TO VERIFY AN ACCEPTABLE PLACEMENT AND ORIENTATION ON THE POLE

LASALLE COUNTY HIGHWAY DEPARTMENT FLASHING BEACON/LED SIGN INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NUMBER	WATTAGE	% OPERATION	
FLASHER (RED)	4	10	0.50	20.00
FLASHER (YELLOW)	4	17	0.50	34.00
LED SIGN	4	8	0.50	16.00
CONTROLLER	1	100	1.00	100.00
LED LUMINAIRE	2	300	0.50	300.00
TOTAL =				470.00

ENERGY COSTS TO:
LASALLE COUNTY HIGHWAY DEPARTMENT
1400 NORTH 27TH ROAD
OTTAWA, IL 61350

ENERGY SUPPLY CONTACT:
TIM MCTAGGART
(815) 224-6270
AMEREN ILLINOIS

MODEL Default
FILE Name: CH 33 - CH 43 and CH 33 (LCL)CADD\CADD_Sheets\2395-2475-4.dgn

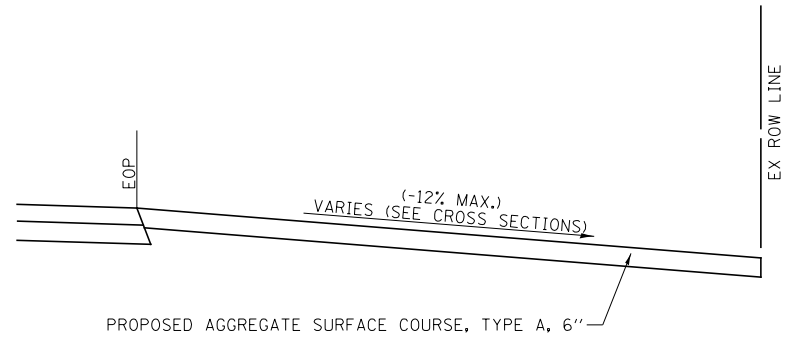
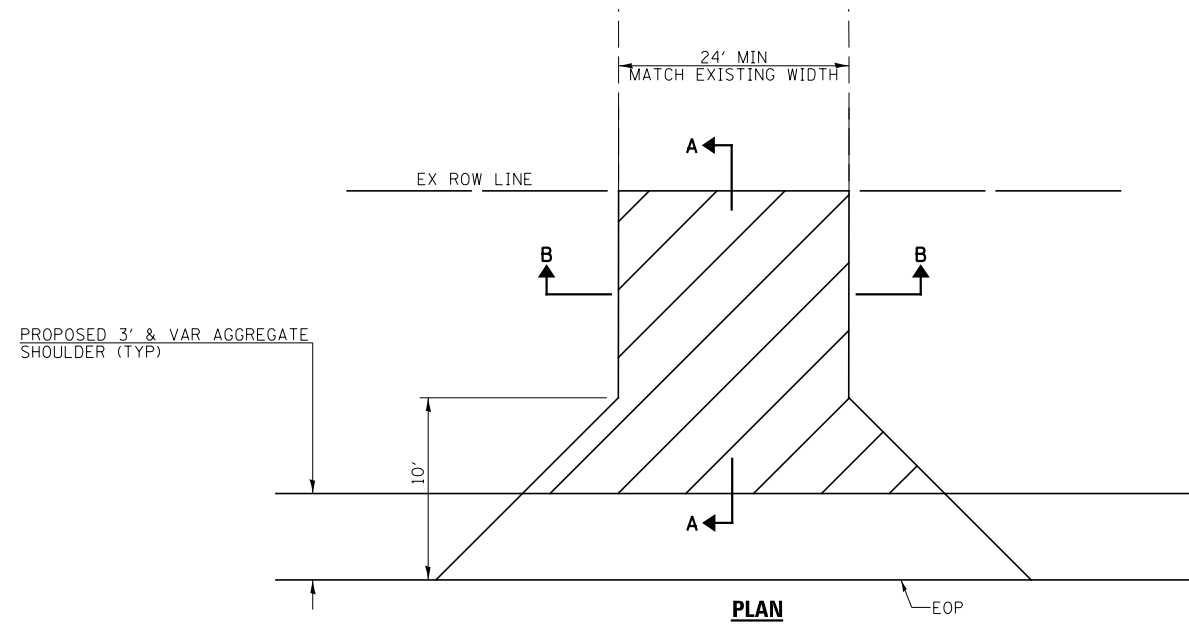
USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 40.0008 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

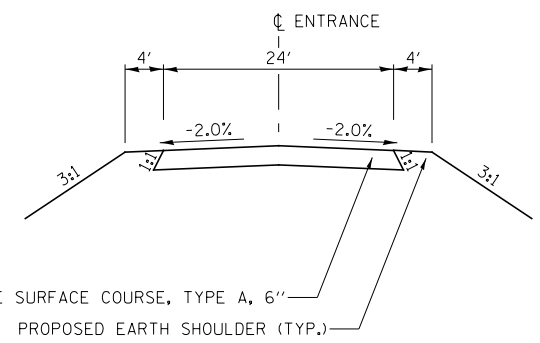
CH 33 (N 33RD RD)
CABLE DIAGRAM & SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	31
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

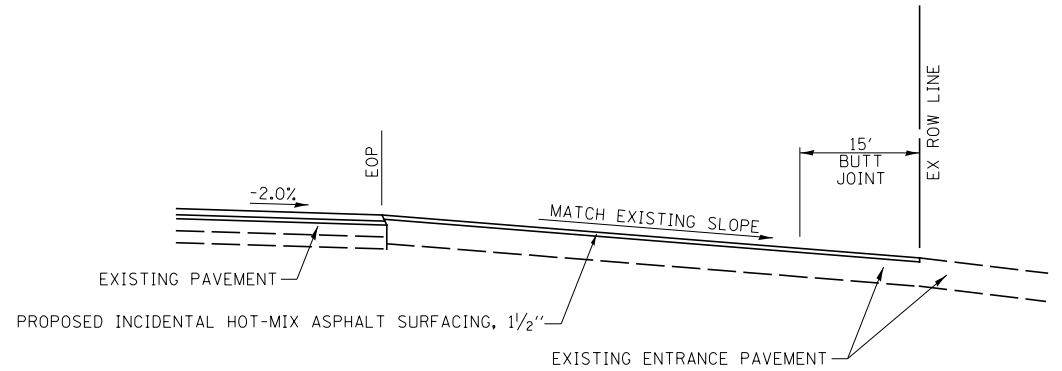
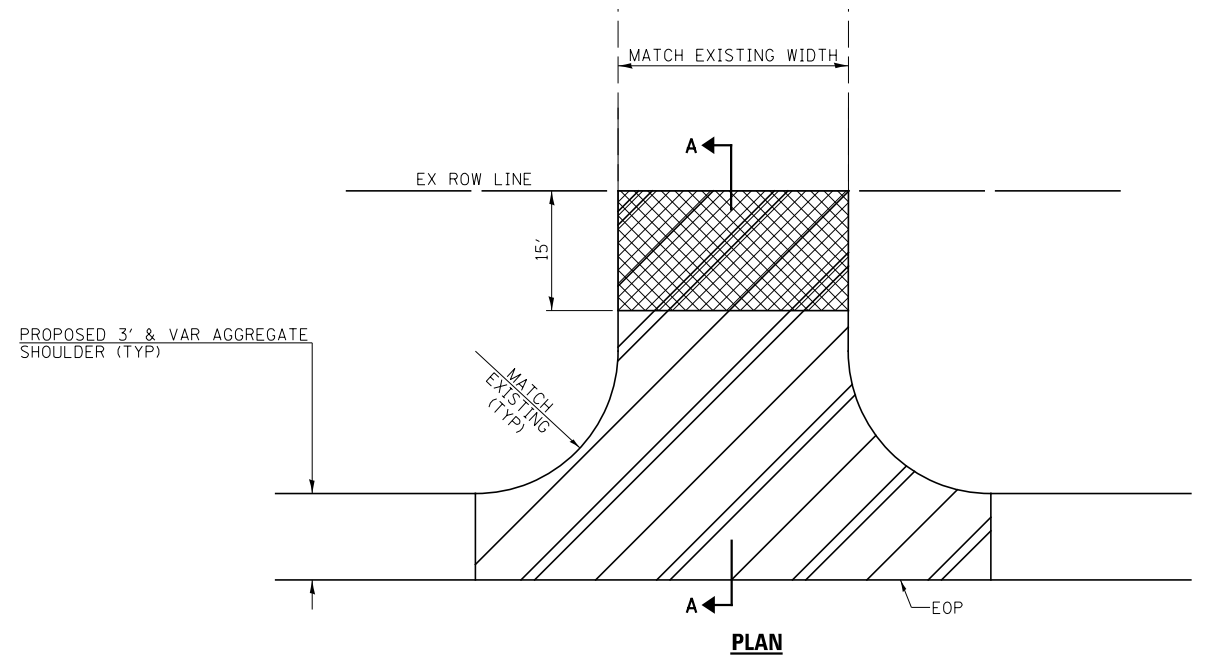


SECTION A-A



SECTION B-B

FIELD ENTRANCE (FE) DETAILS



SECTION A-A

PRIVATE ENTRANCE (PE) DETAILS

SEE ENTRANCE SCHEDULE FOR LOCATIONS

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

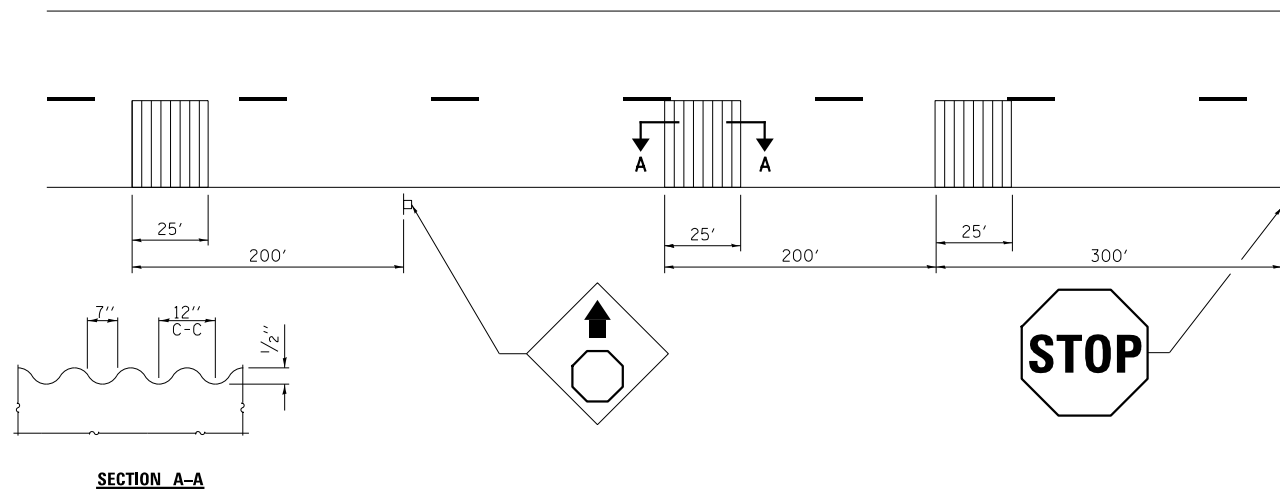
**CH 43 (E 8TH RD) & CH 33 (W 33RD RD)
ENTRANCE DETAILS**

USER NAME = BDeCraene	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

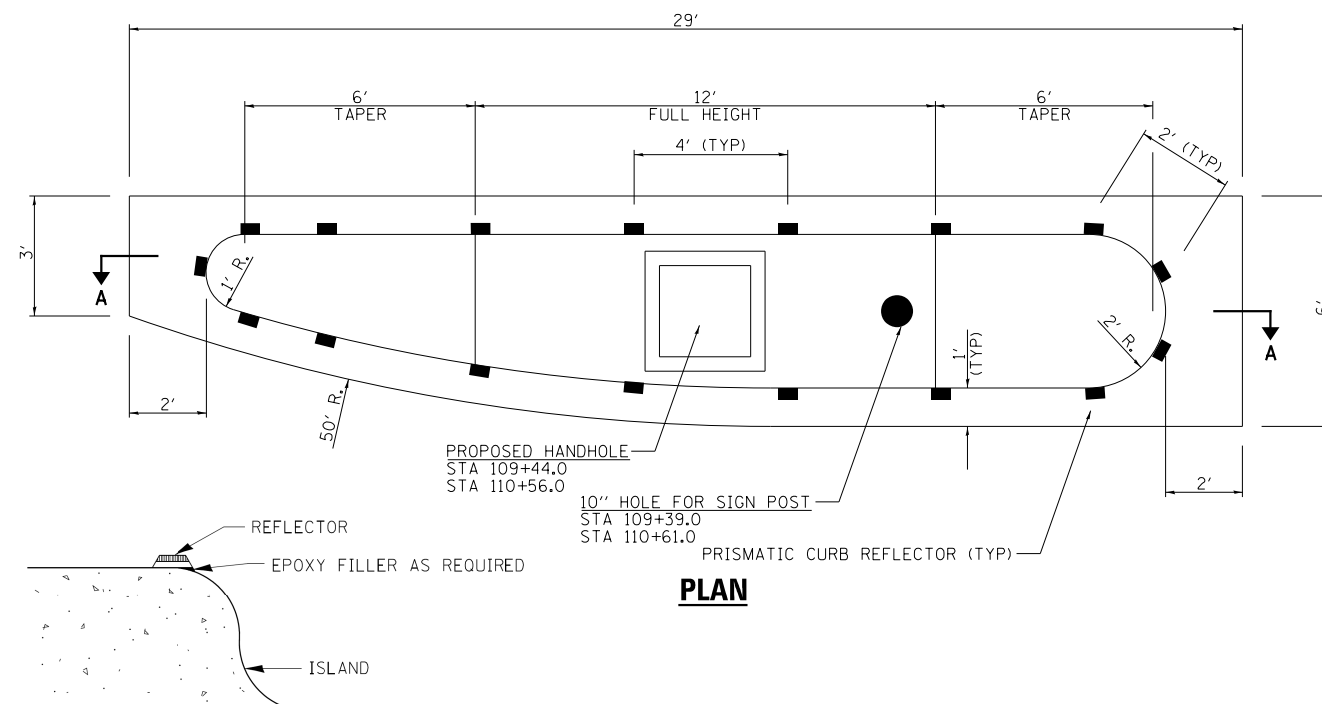
SCALE: N/A	SHEET 1	OF 4	SHEETS	STA. N/A	TO STA. N/A
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RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	32
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				

MODEL: Default
 FILE NAME: 16-00367 - CH 43 and CH 33 (LCL) (D) (CADD) (CADD Sheets) (4) (2) (5) - FH - detail1.dgn

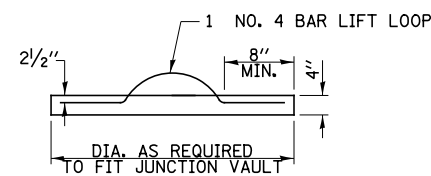
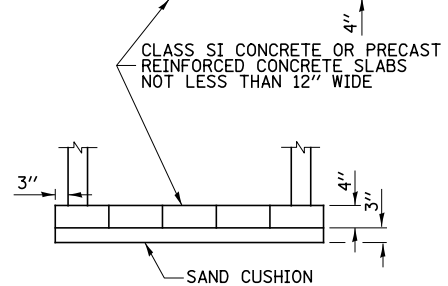
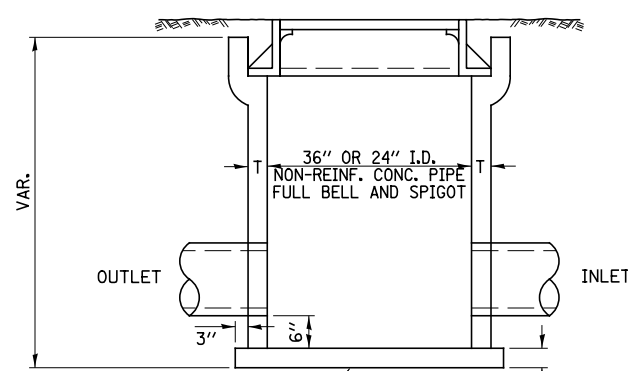


TYPICAL GROOVED "MILLED IN" RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION

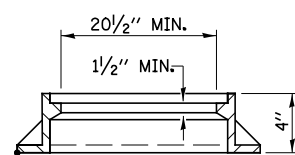
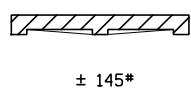
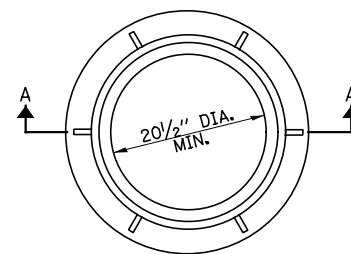


SECTION VIEW

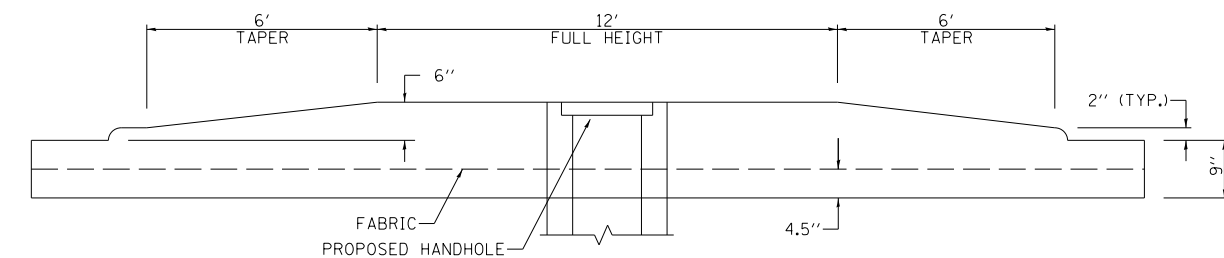
PLAN



FIELD TILE JUNCTION VAULT

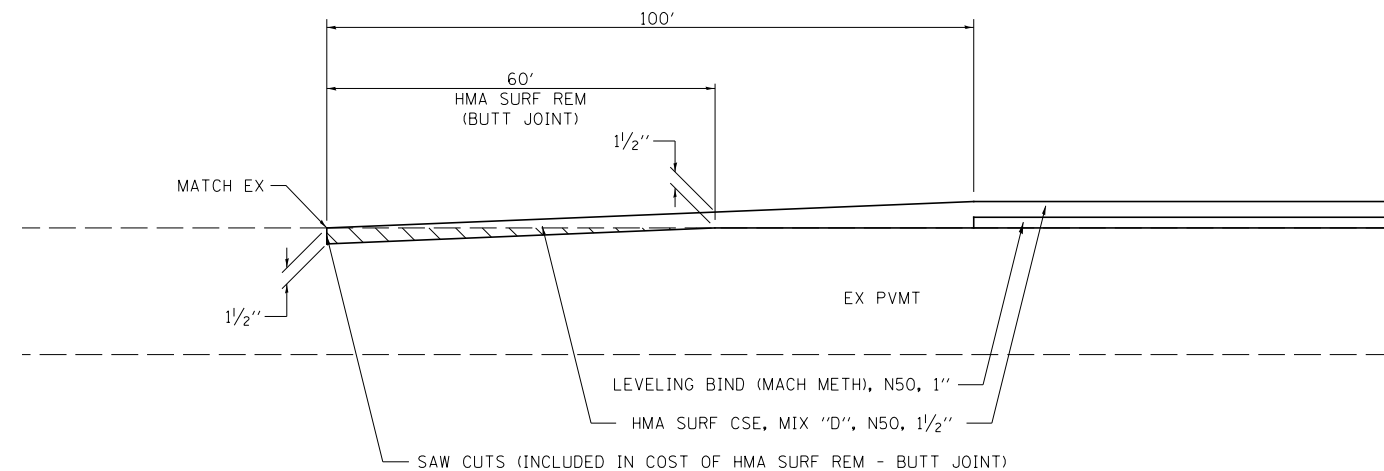


SECTION A-A



SECTION A-A

SOLID MEDIAN TYPE SM-6.12 DETAIL



BEGINNING /ENDING TRANSITION DETAIL

MODEL: Default
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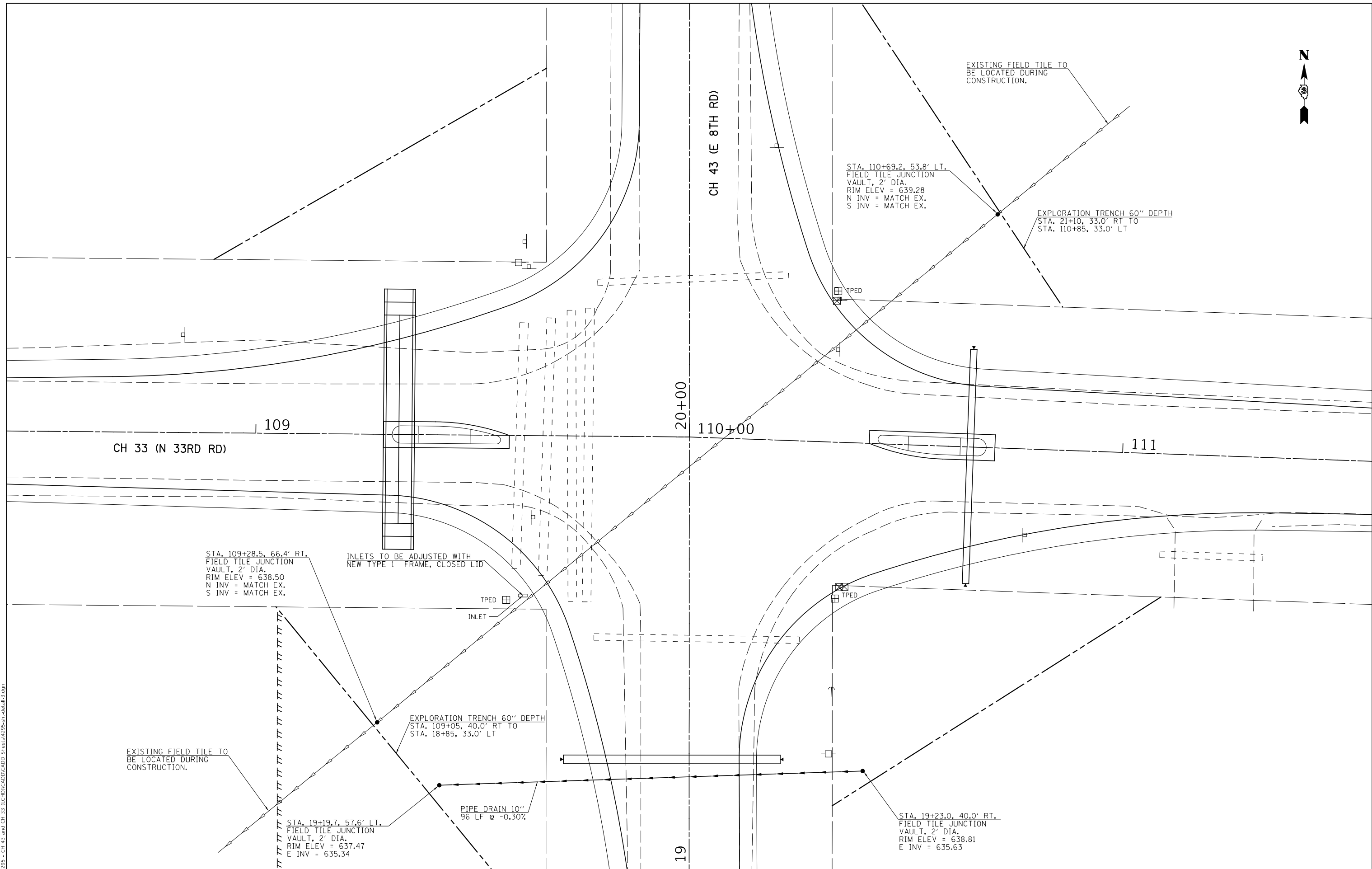
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD) & CH 33 (W 33RD RD)
SPECIAL DETAILS**

SCALE: N/A SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-SP	LASALLE	45	33
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				



MODEL: Default
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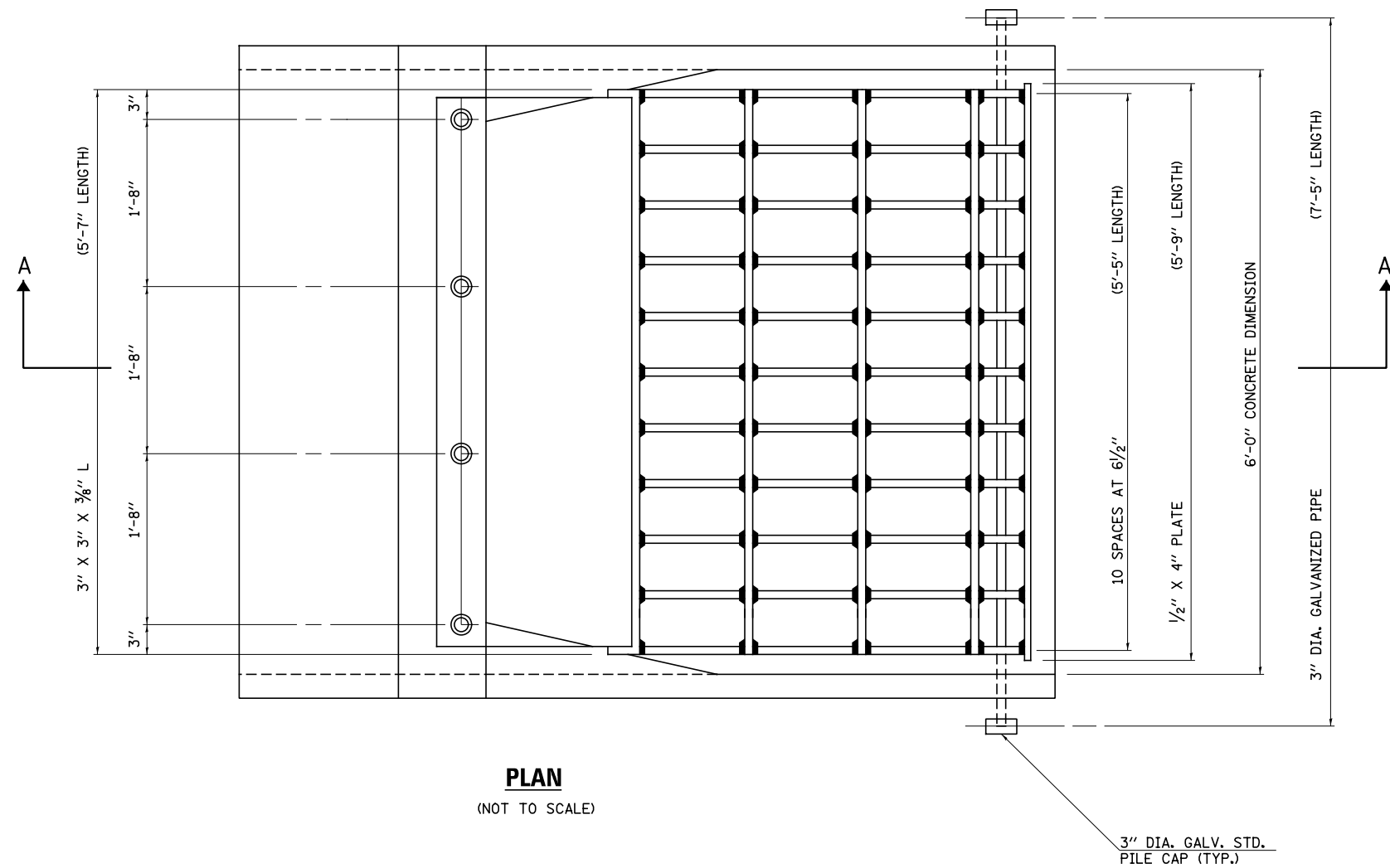
USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD) & CH 33 (W 33RD RD)
FIELD TILE DETAIL**

SCALE: 1"=10' SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

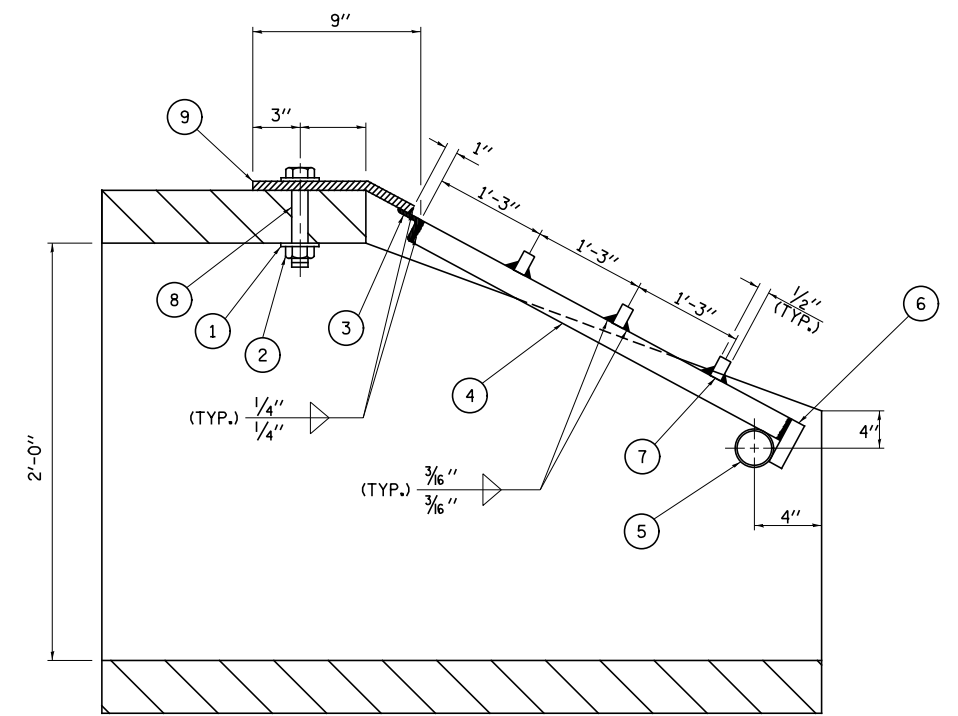
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	34
* FAS 256 & FAS 1365			CONTRACT NO. 87703	
ILLINOIS FED. AID PROJECT XLVT (884)				



PLAN
(NOT TO SCALE)

GENERAL NOTES

- STRUCTURAL STEEL SHAPES AND PLATES SHALL BE IN ACCORDANCE WITH ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS AND SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M-111.
- GALVANIZED STEEL PIPE SHALL BE IN ACCORDANCE WITH ARTICLE 1006.27(B) OF THE STANDARD SPECIFICATIONS AND SHALL MEET THE REQUIREMENTS OF ASTM A-53, GRADE B.
- BOLTS, NUTS AND WASHERS SHALL BE IN ACCORDANCE WITH ARTICLE 1006.27(F) OF THE STANDARD SPECIFICATIONS AND SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M-232.
- ALL FABRICATION SHALL BE COMPLETED AND READY FOR ASSEMBLY BEFORE GALVANIZING.
- THE CORED HOLES IN THE CONCRETE END SECTIONS SHALL BE TO THE DIAMETERS NOTED. IF CONE-OUT ON THE OTHER END OF THE HOLE OCCURS THE HOLE SHALL BE FILLED WITH GROUT TO CORRECT DIAMETER OF THE HOLE.
- ALL FABRICATION AND INSTALLATION OF THE GRATING AS DETAILED, INCLUDING FABRICATION OF NECESSARY MOUNTING HOLE IN THE SECTION, SHALL BE INCLUDED IN THE COST OF THE PRECAST BOX CULVERT END SECTIONS.



SECTION A-A
(NOT TO SCALE)

LEGEND

- 1/4" X 4" X 4" PLATE WASHER; 1 1/6" DIA. HOLE
- 1" DIA. BOLT WITH FLAT WASHER AND HEX NUT
- L 3" X 3" X 3/8"
- 1/2" X 3" BAR (TYP)
- PROVIDE 2, 3 3/4" DIA. HOLE THRU CONCRETE
- 1/2" X 4" BAR
- BAR 1/2" X 3/8" (TYP)
- 1/8" DIA. HOLE THRU 3/8" PLATE; 1/4" DIA. HOLE THRU CONCRETE
- 3/8" PLATE SHALL CONFORM TO SURFACE SHAPE OF CONCRETE END SECTION

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD) & CH 33 (W 33RD RD)
GRATING FOR PRECAST CONCRETE BOX CULVERT END SECTION 6'x2'**

SCALE: 1"=10' SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

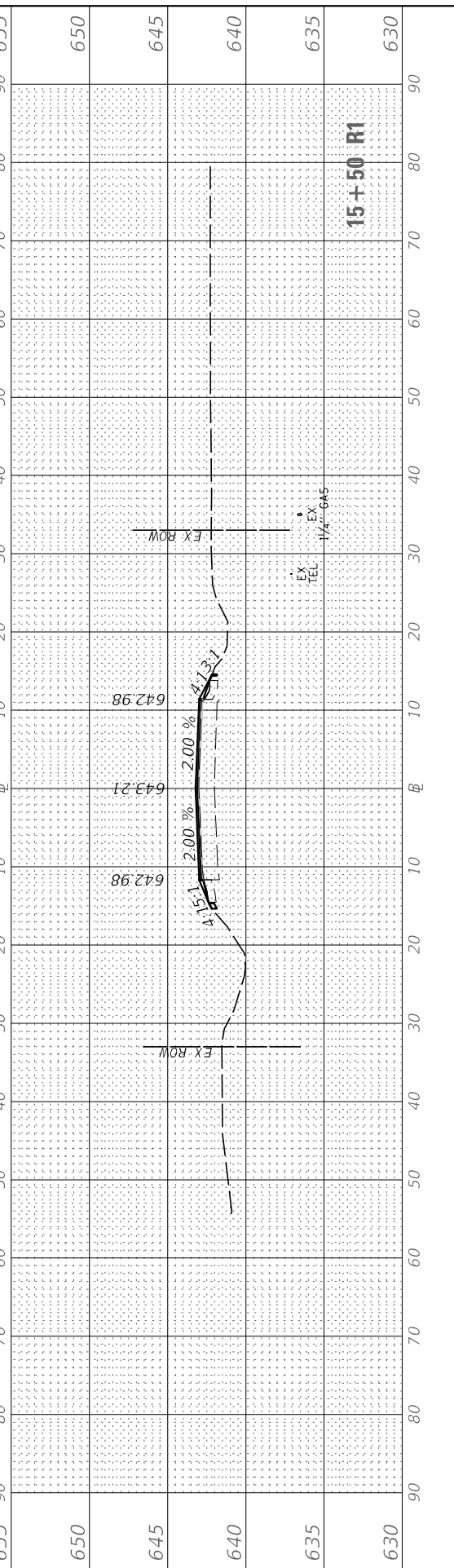
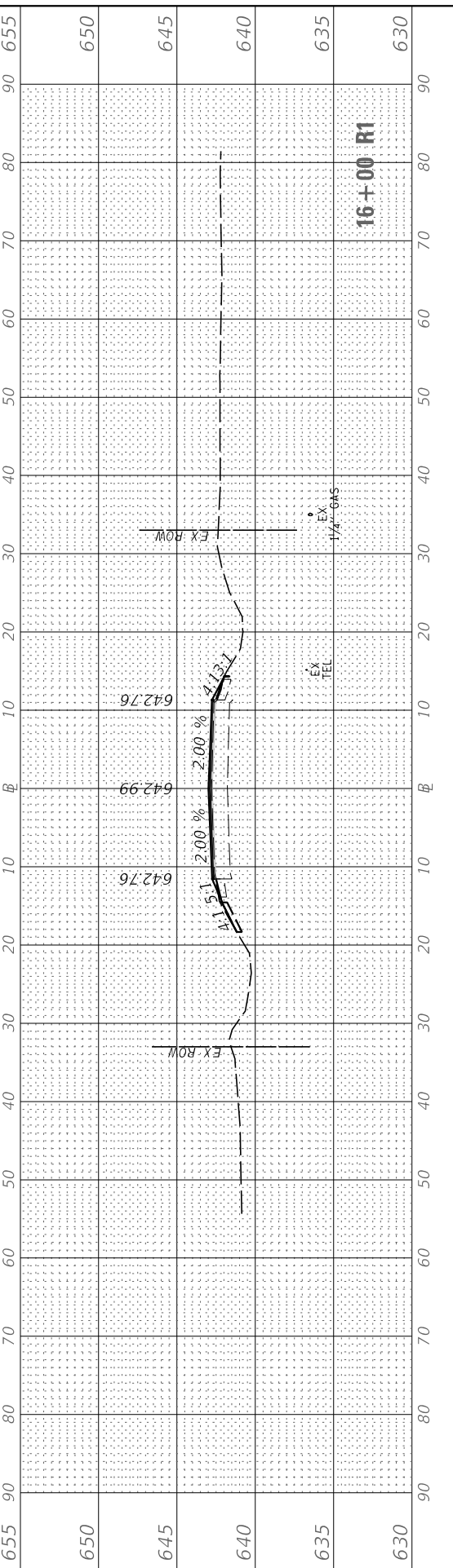
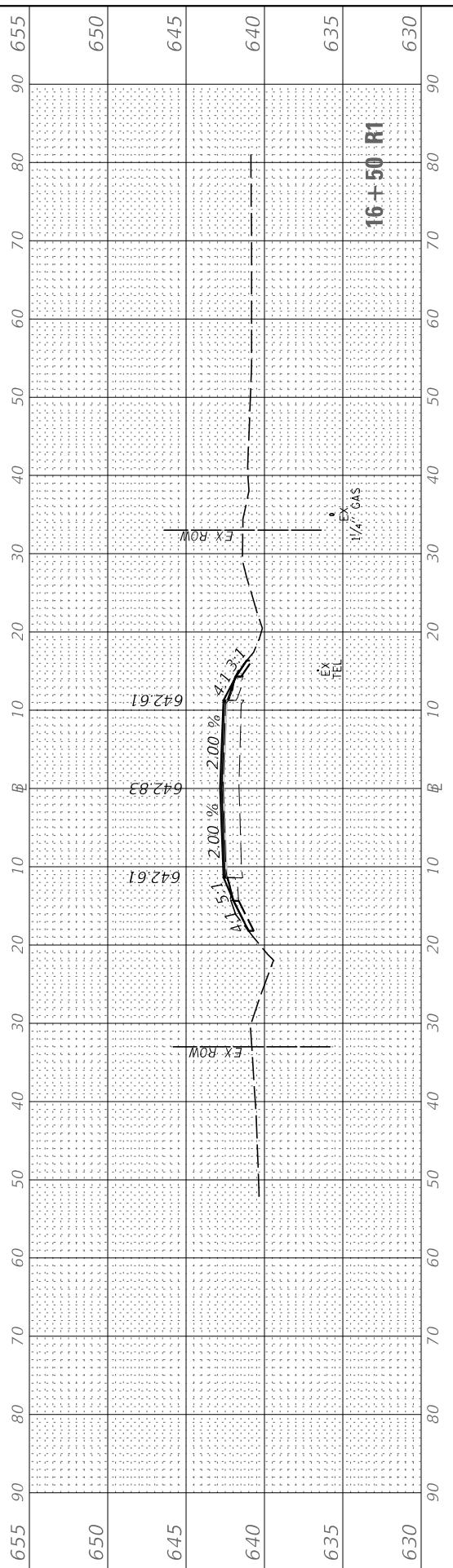
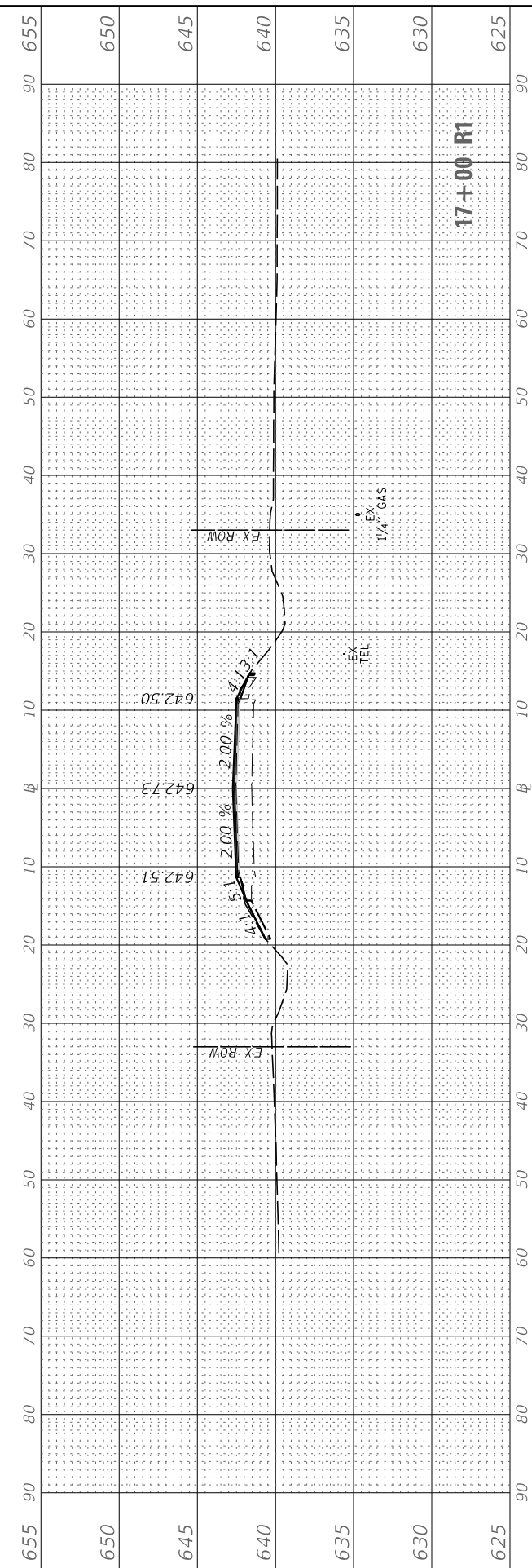
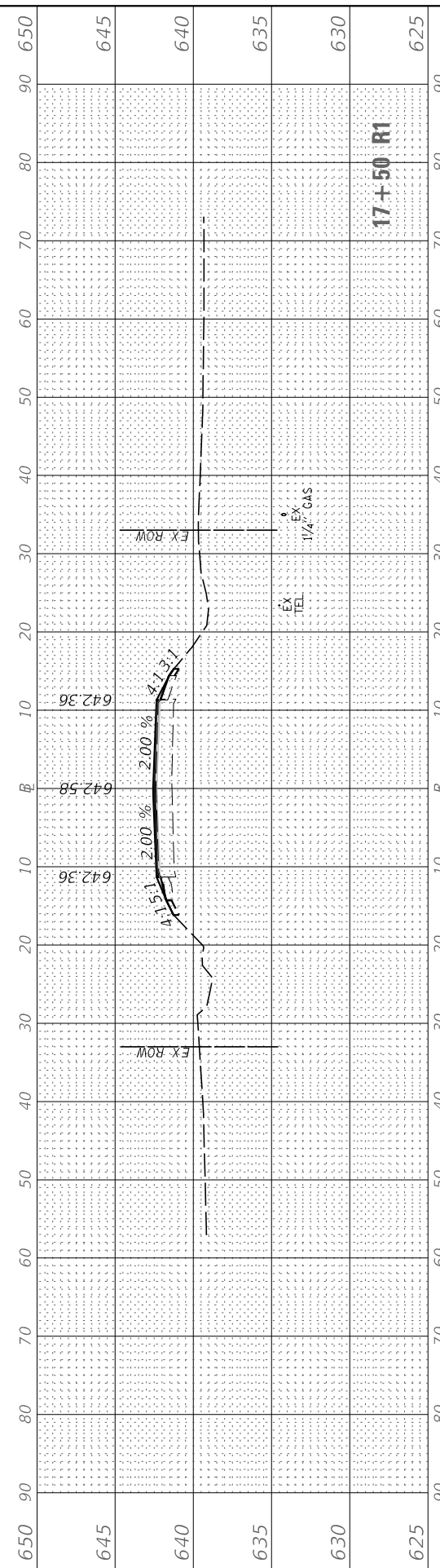
RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	35
* FAS 256 & FAS 1365		CONTRACT NO. 87703		

ILLINOIS FED. AID PROJECT XLVT (884)

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: CH43
 FILE NAME: V:\4295 - CH 43 and CH 33 (LEID)\CADD\CADD Drawings\4295-ssc-shts.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 1 OF 5 SHEETS STA. 15+50 R1 TO STA. 17+50 R1

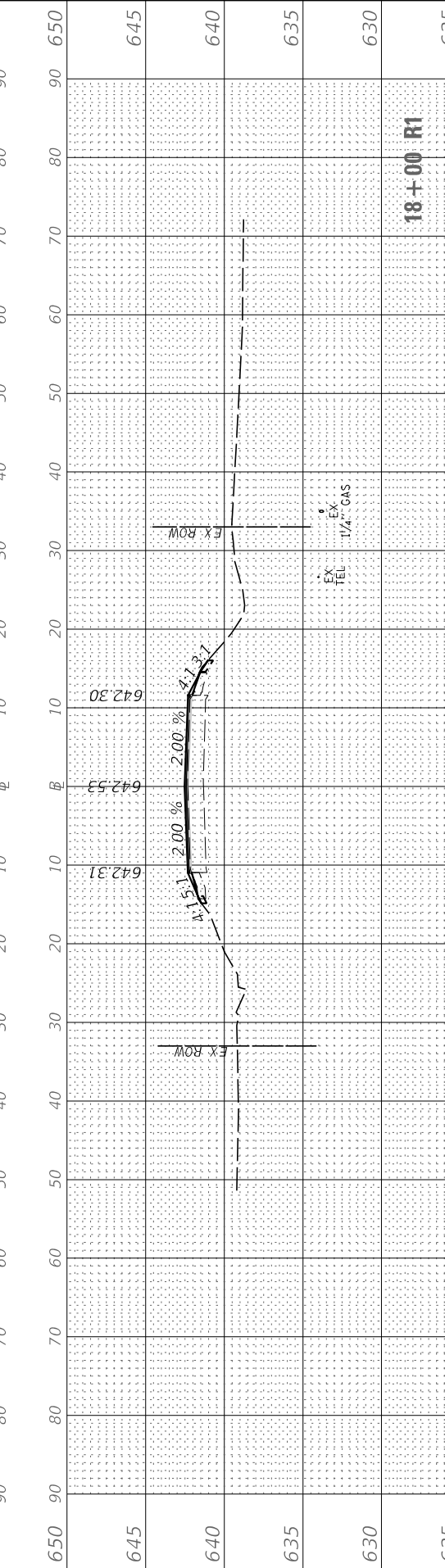
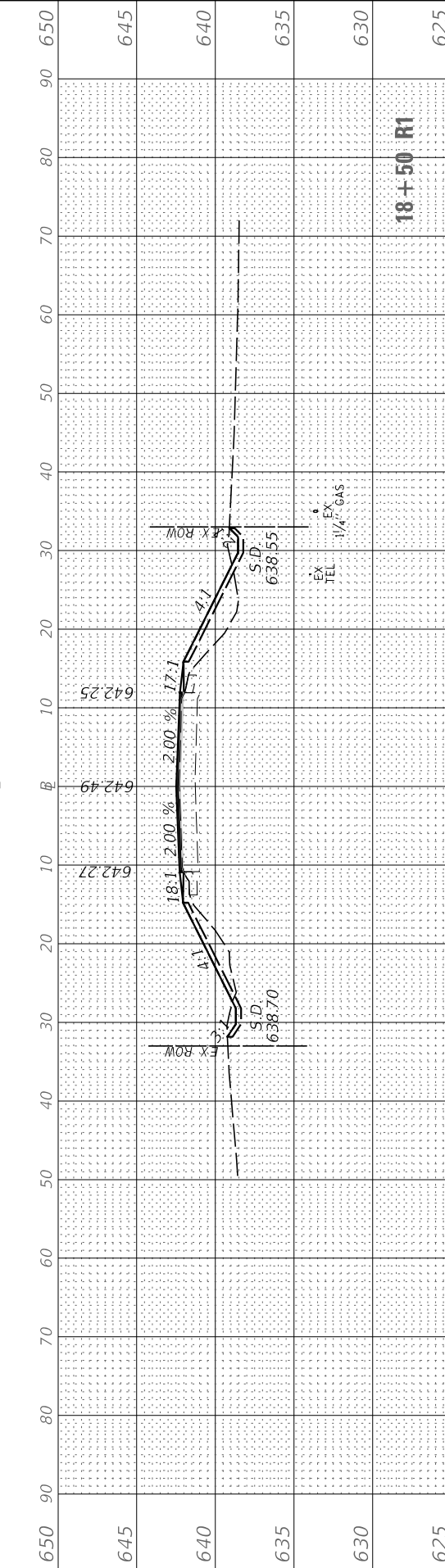
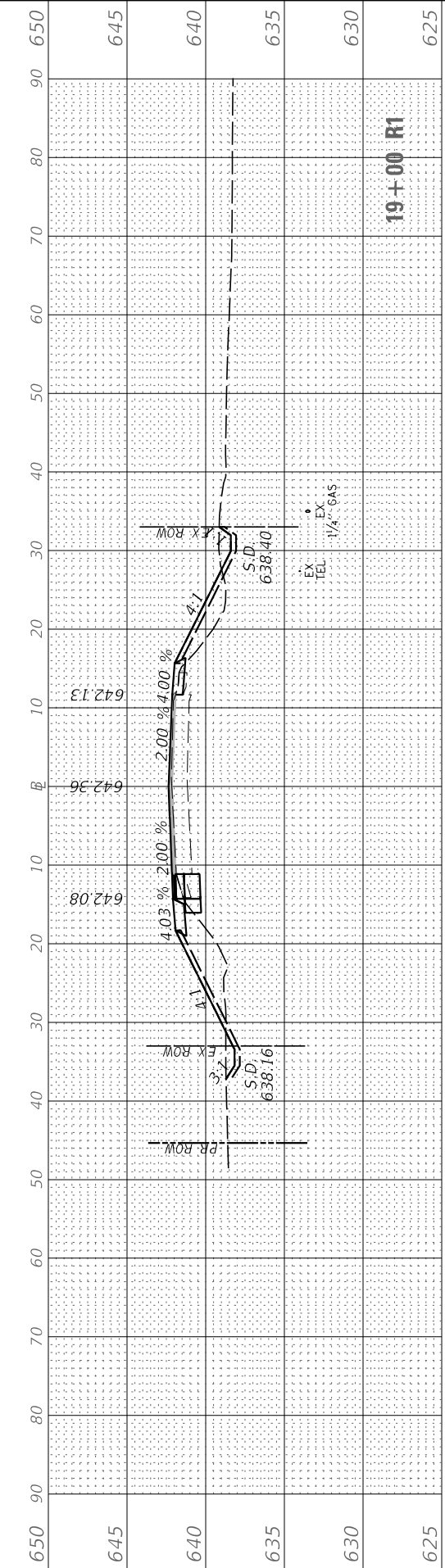
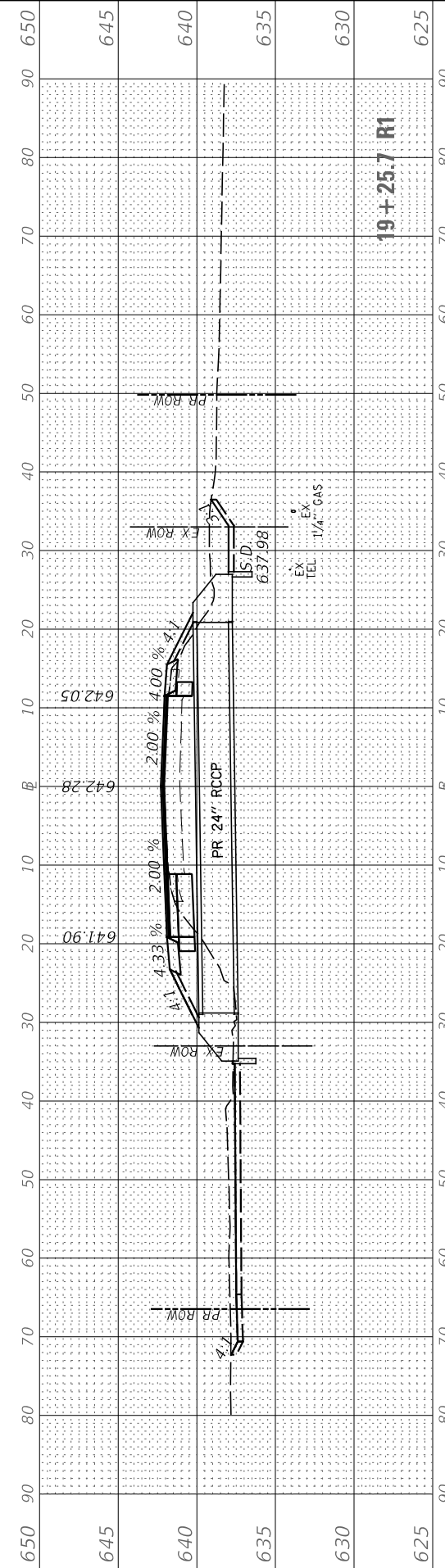
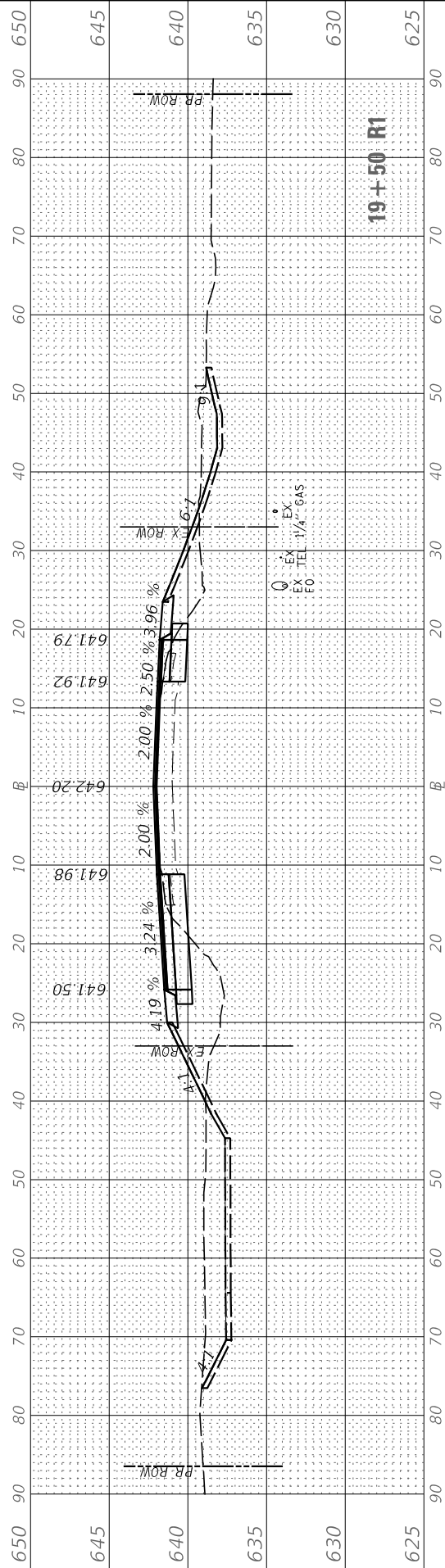
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	36
* FAS 256 & FAS 1365		CONTRACT NO. 87703		

ILLINOIS FED. AID PROJECT XLVT (884)

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

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

MODEL: CH43
 FILE NAME: V:\1295 - CH 43 and CH 33 (LEID)CAD\CADD - Drawings\1295-ssc-ent.dgn



USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
REVISOR	-
CHECKED	-
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 3/26/2019

DESIGNED	-
DRAWN	-
REVISOR	-
CHECKED	-
DATE	-

REVISOR	-
REVISOR	-
REVISOR	-
REVISOR	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 2 OF 5 SHEETS STA. 18+00 R1 TO STA. 19+50 R1

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	37
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

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

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

MODEL: CH43
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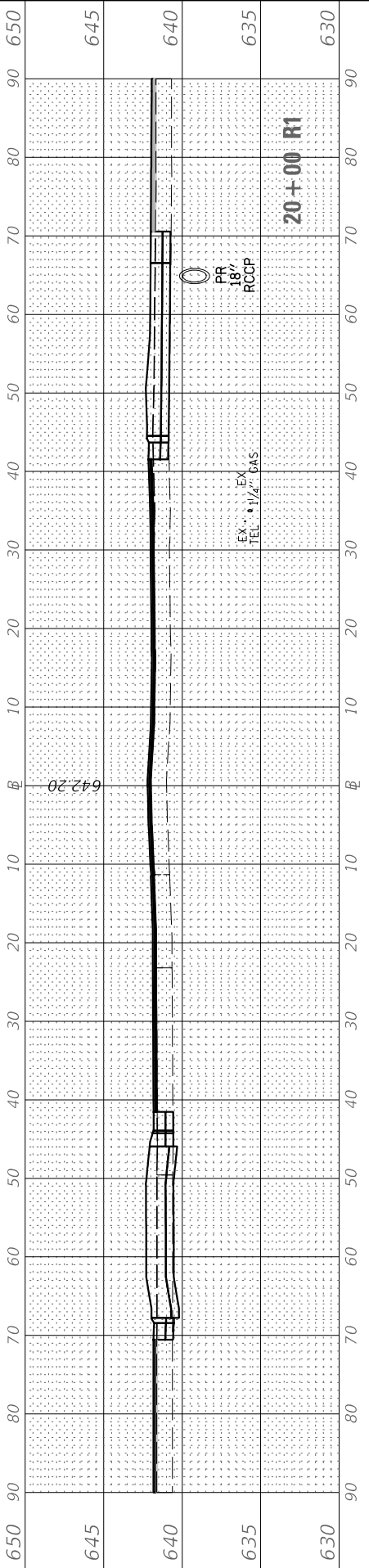
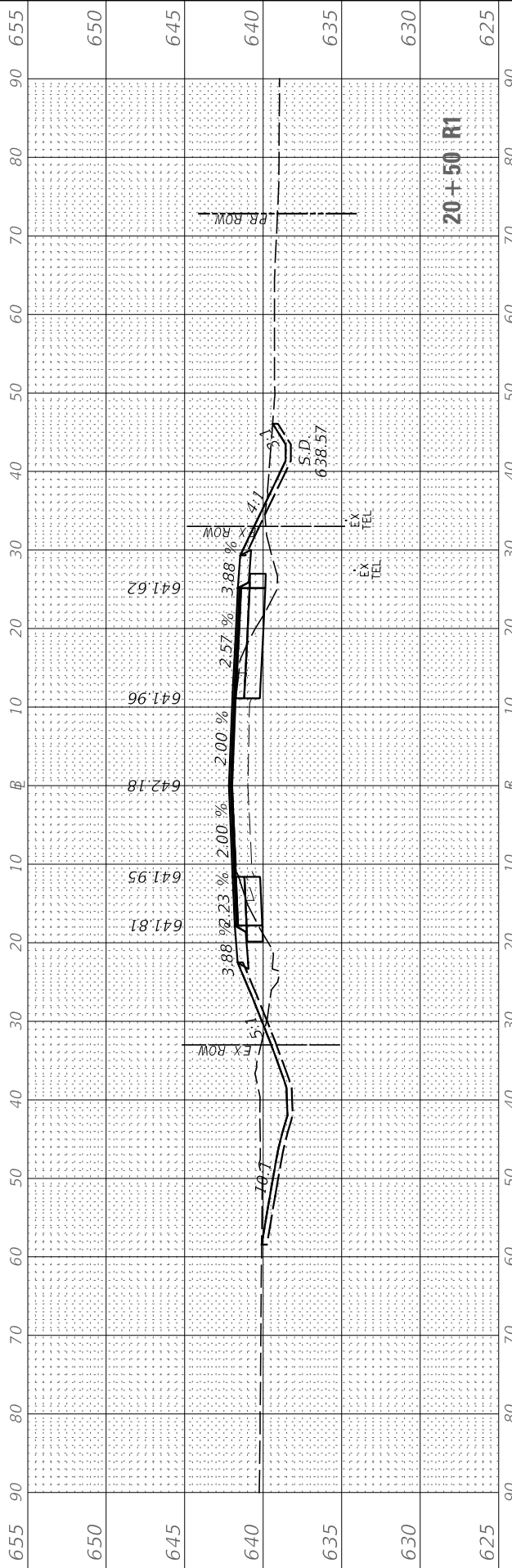
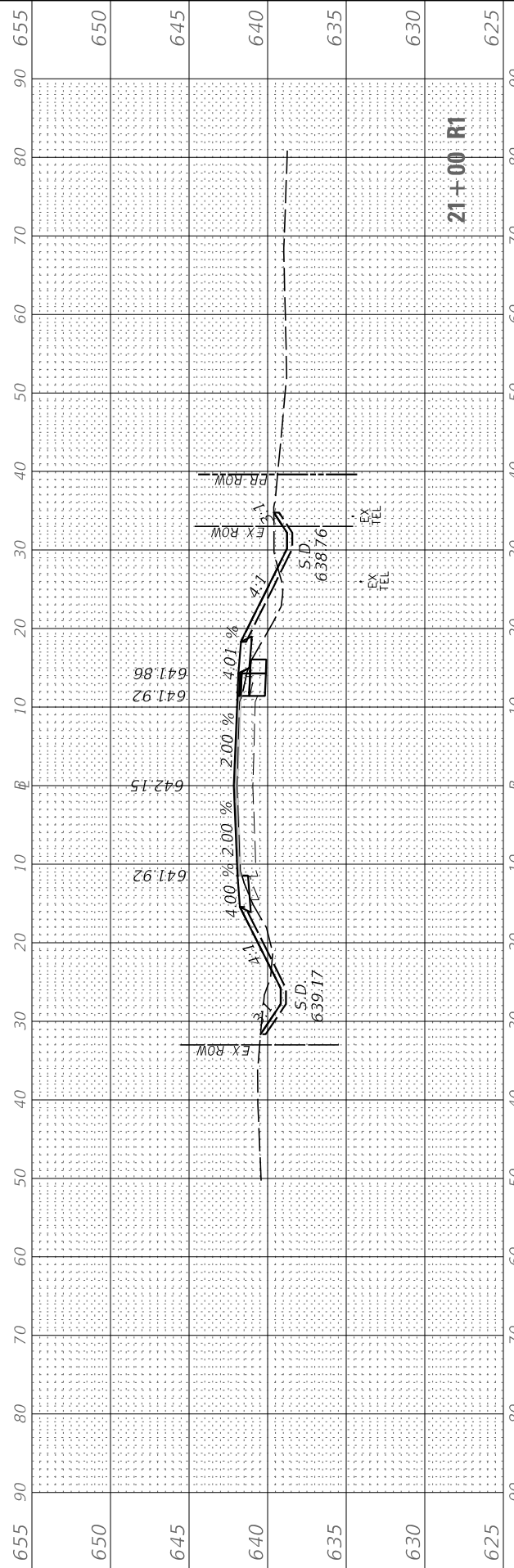
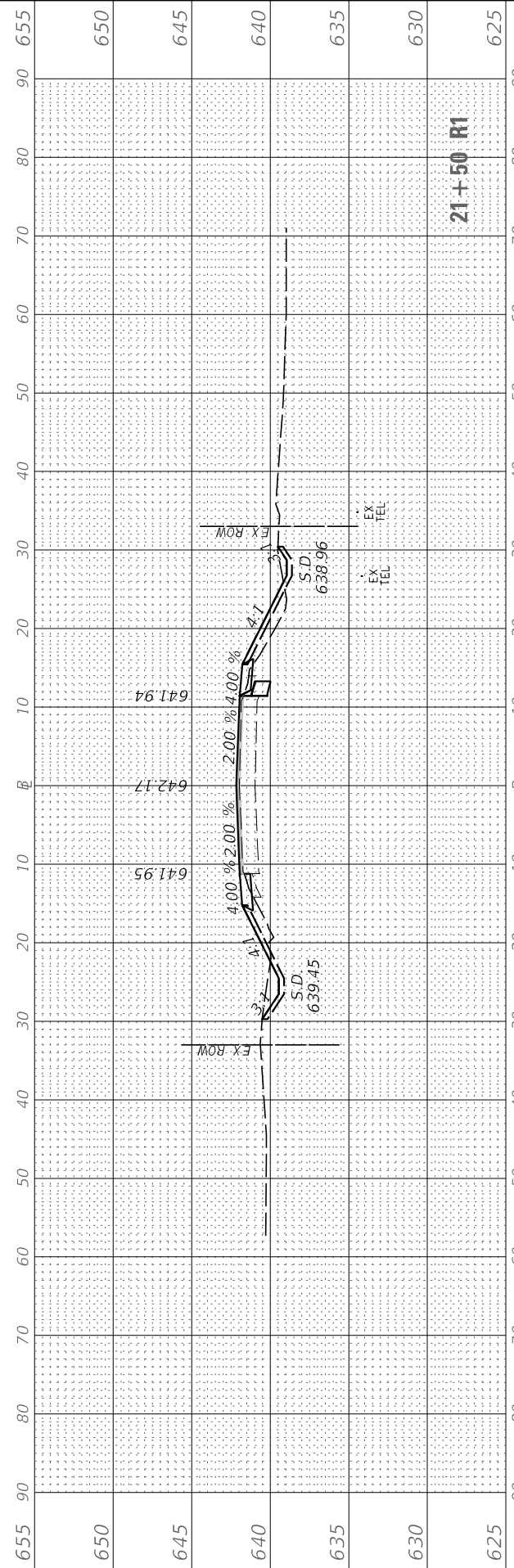
USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 3 OF 5 SHEETS STA. 20+00 R1 TO STA. 21+50 R1

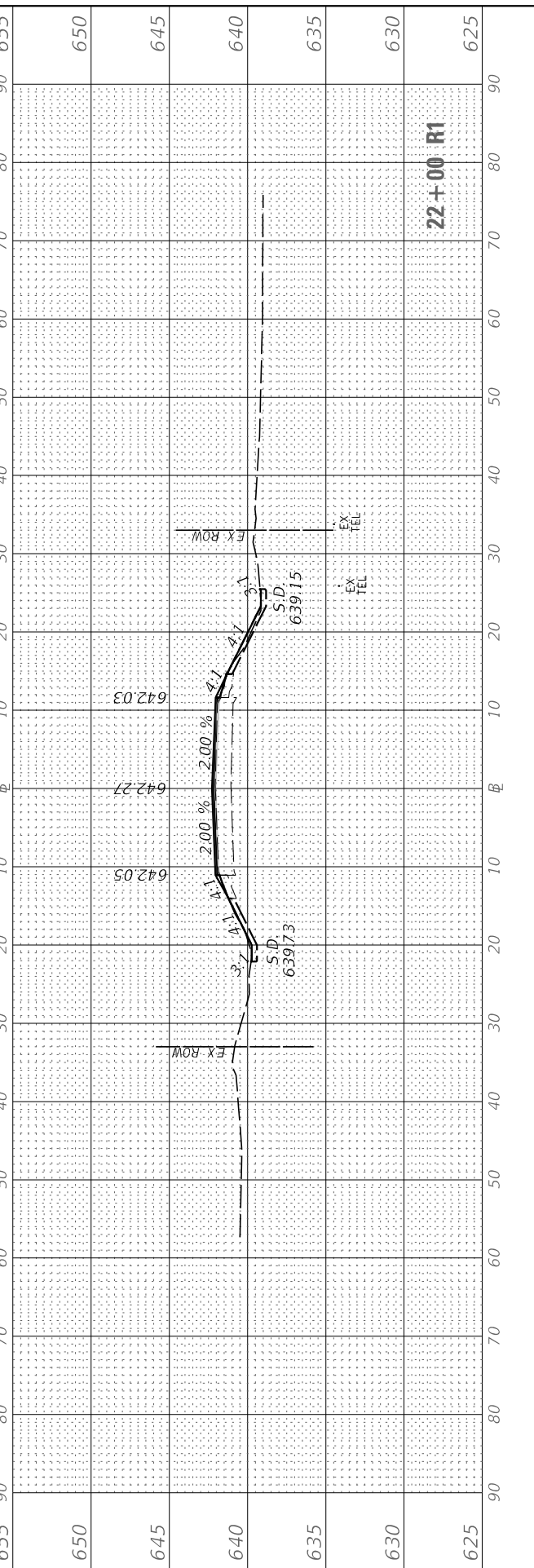
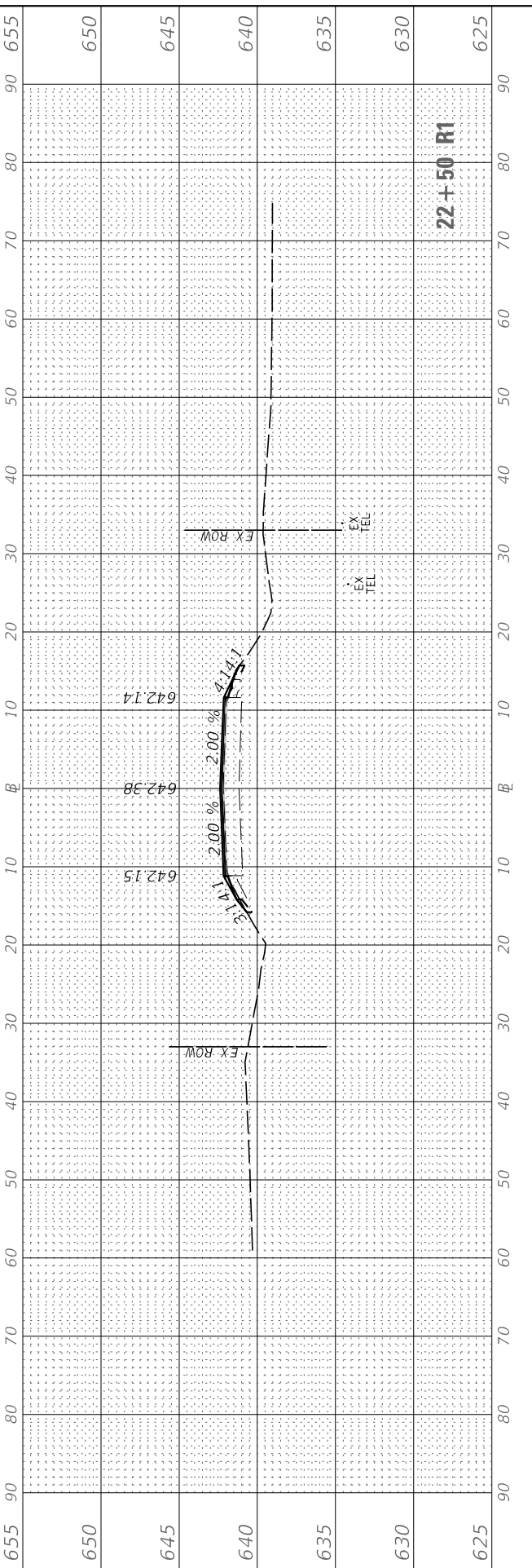
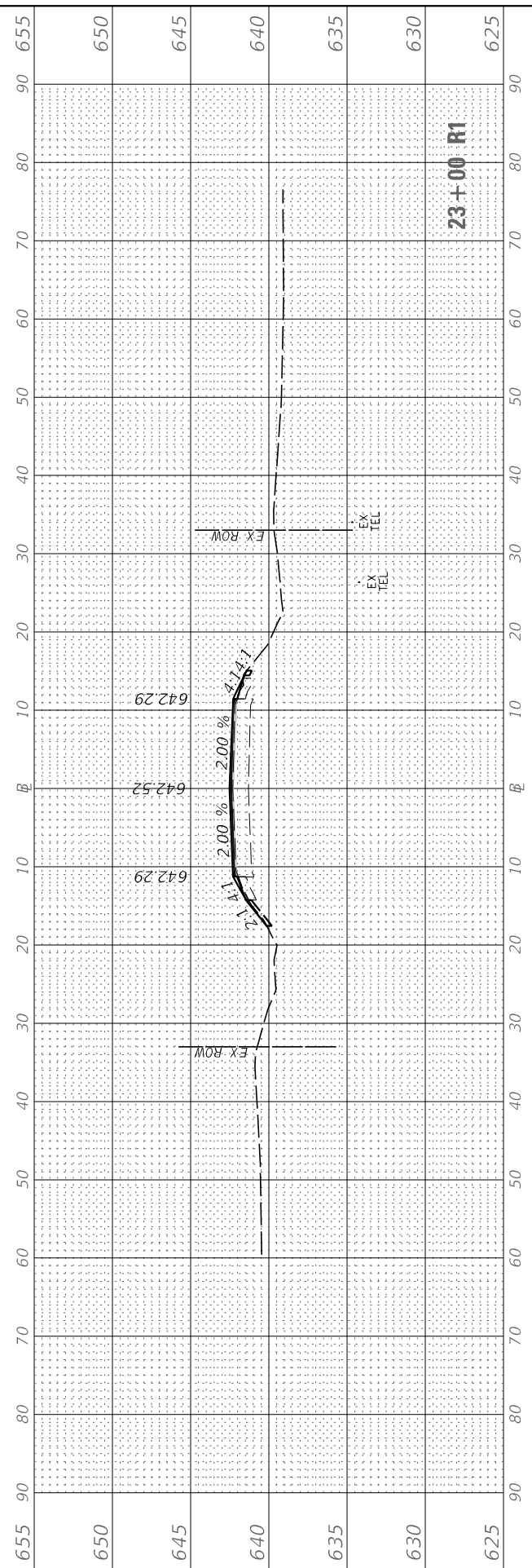
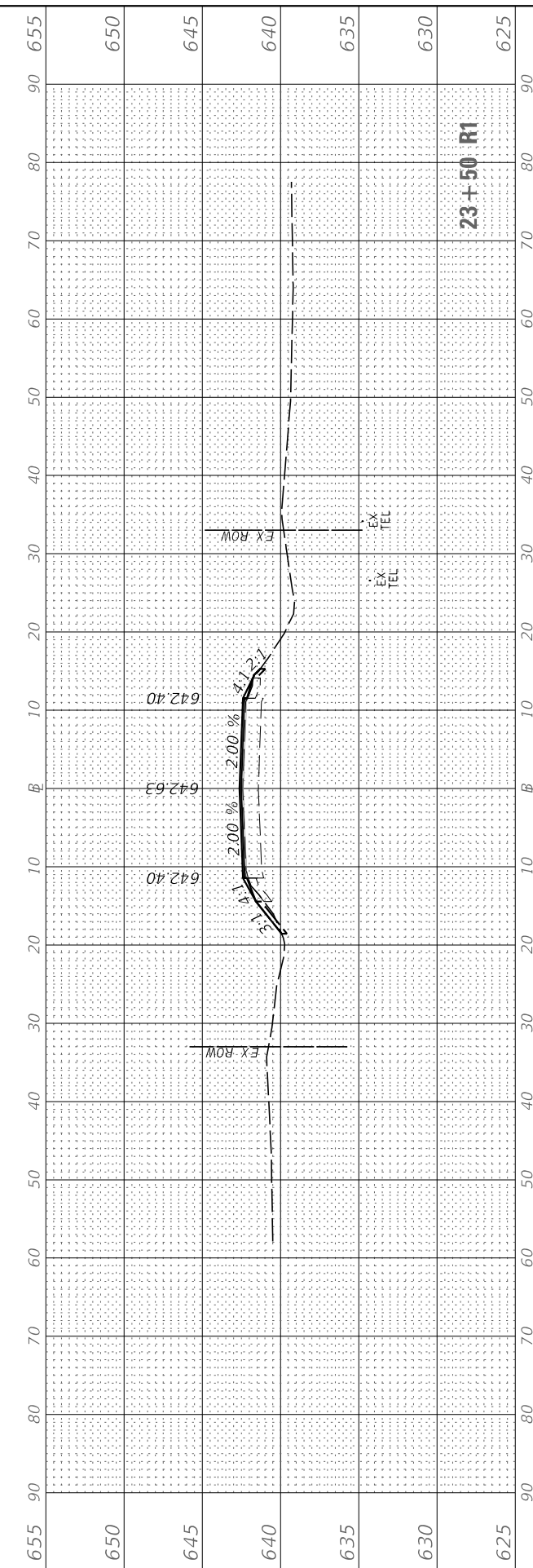
RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	38
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS		FED. AID PROJECT XLVT (884)		



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

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

MODEL: CH43
 FILE NAME: V:\1295 - CH 43 and CH 33 (LEID)\CADD\CADD Drawings\1295-ssc-ent-ssdm



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 43 (E 8TH RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 4 OF 5 SHEETS STA. 22+00 R1 TO STA. 23+50 R1

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	39
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS		FED. AID PROJECT XLVT (884)		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: CH43
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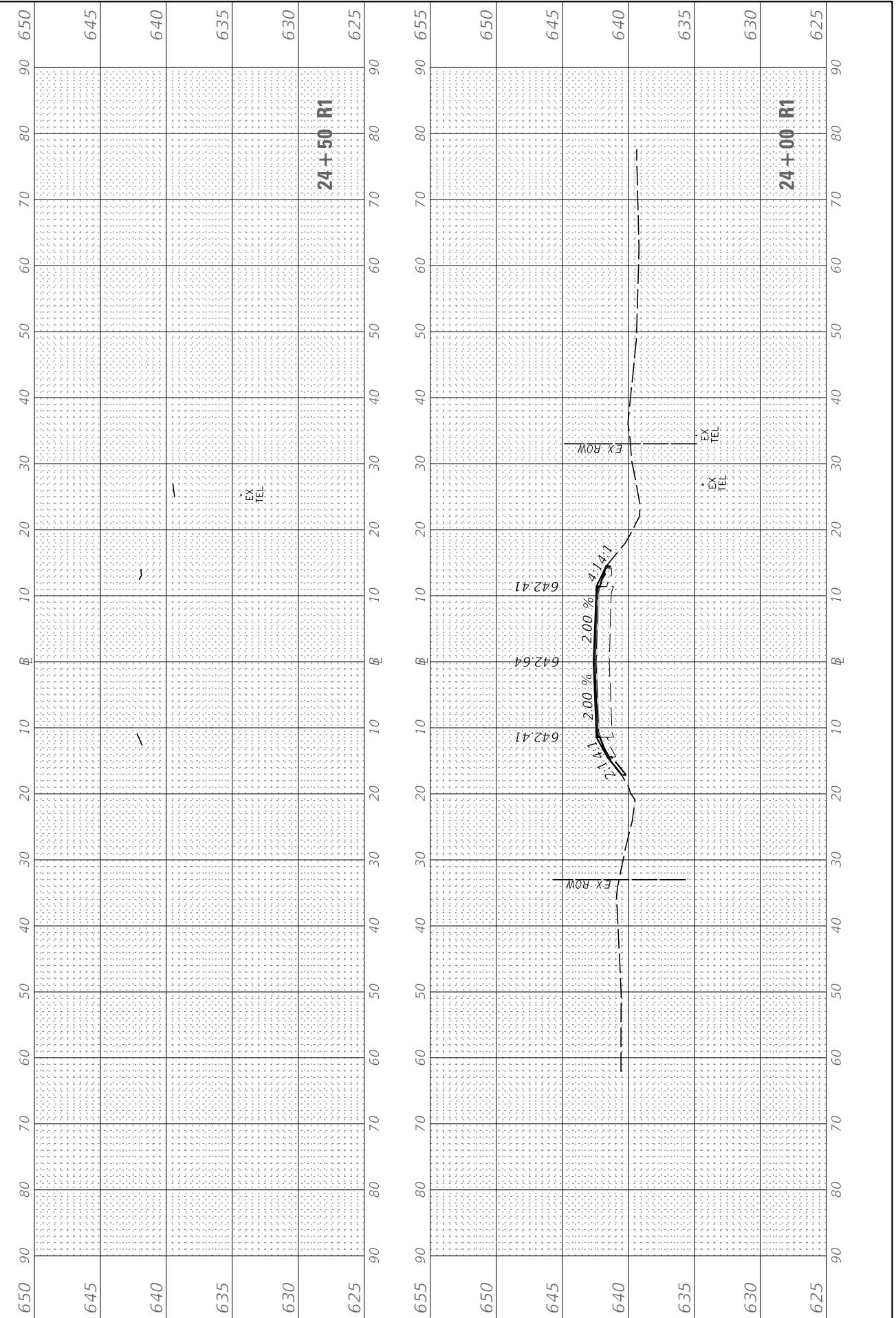
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 43 (E 8THD RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 5 OF 5 SHEETS STA. 22+00 R1 TO STA. 23+50 R1

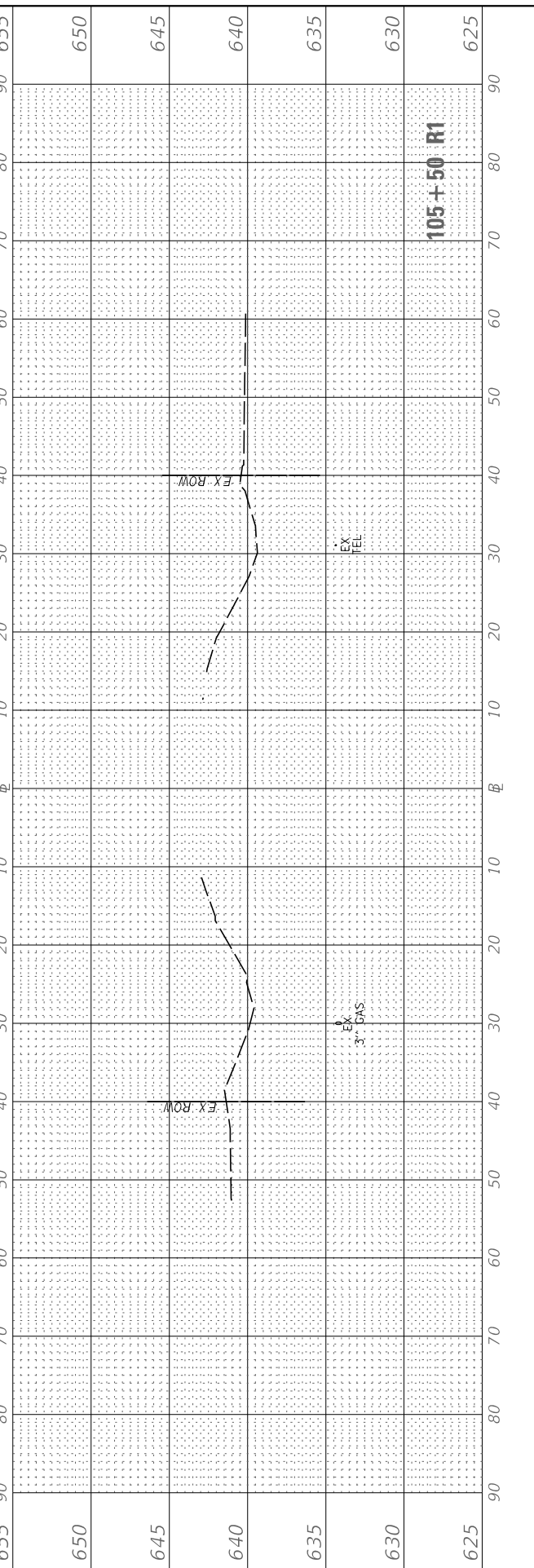
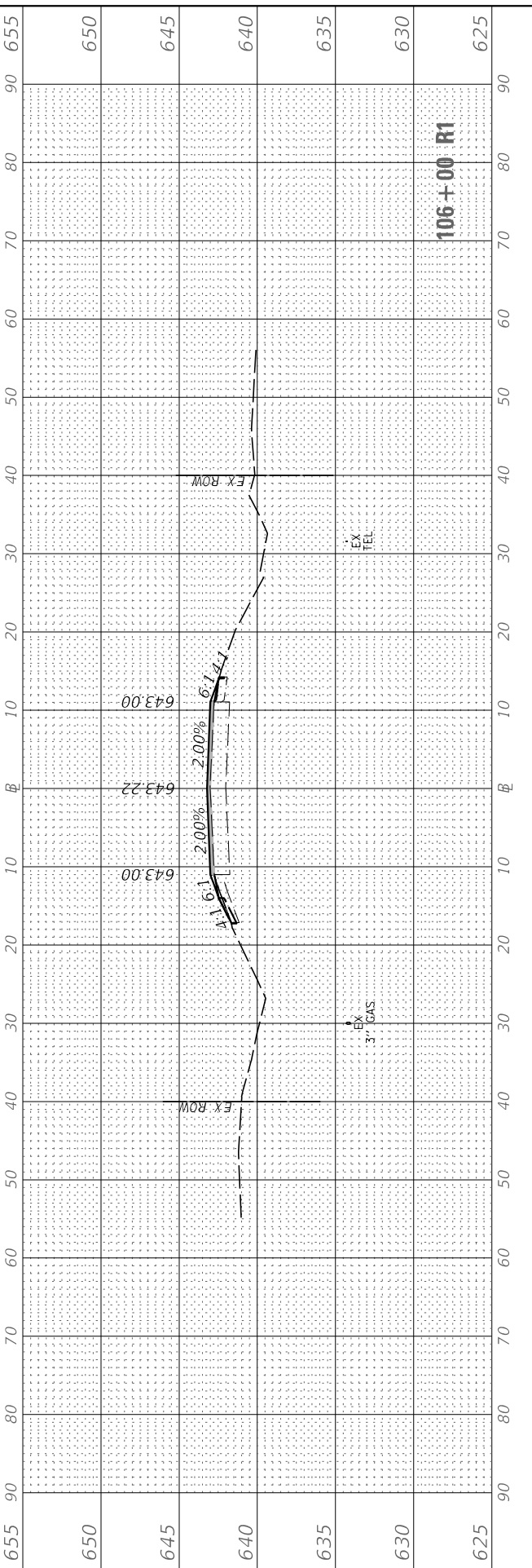
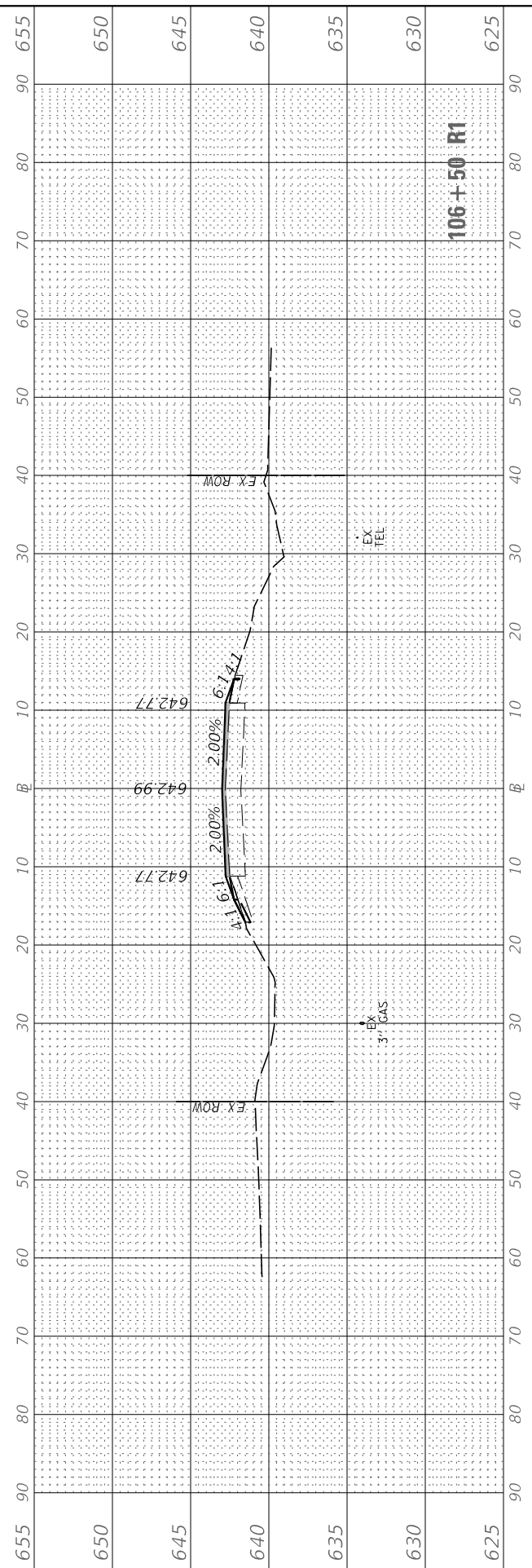
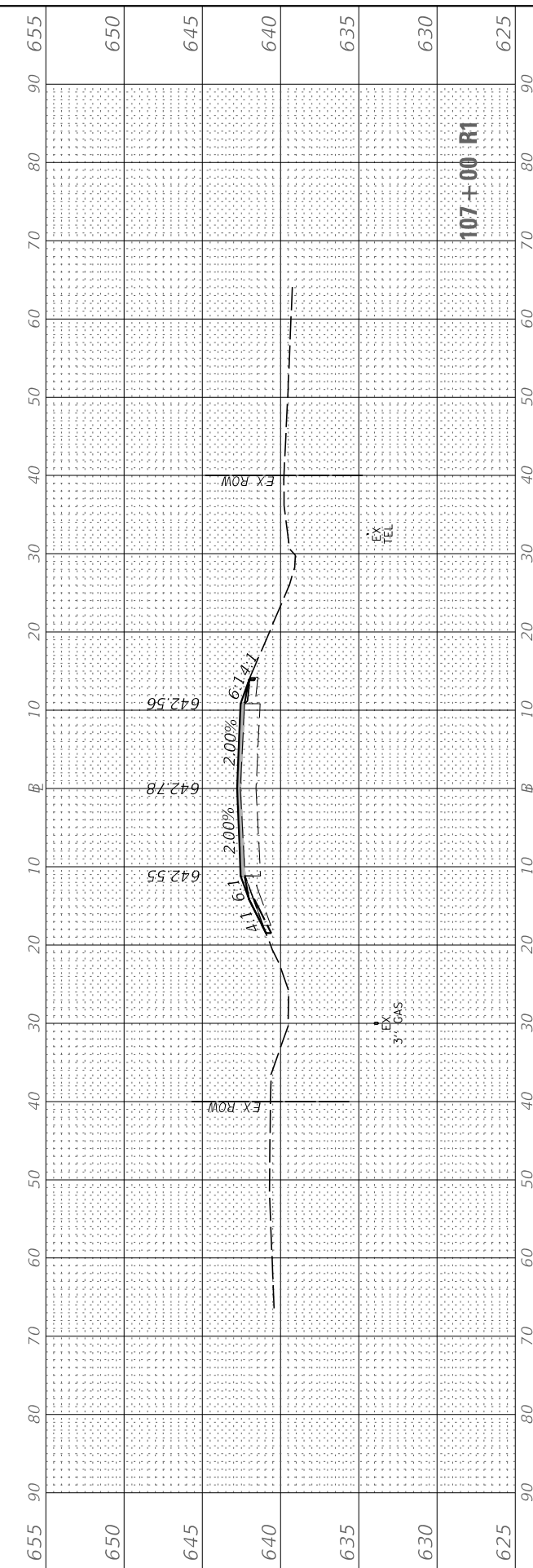
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*	16-00367-00-5P	LASALLE	45	40
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS		FED. AID PROJECT XLVT (884)		



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: CH33
FILE NAME: V:\4295 - CH 43 and CH 33 (LEID)\CADD\CADD - Drawings\4295-ssc-shts.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
CROSS SECTIONS**

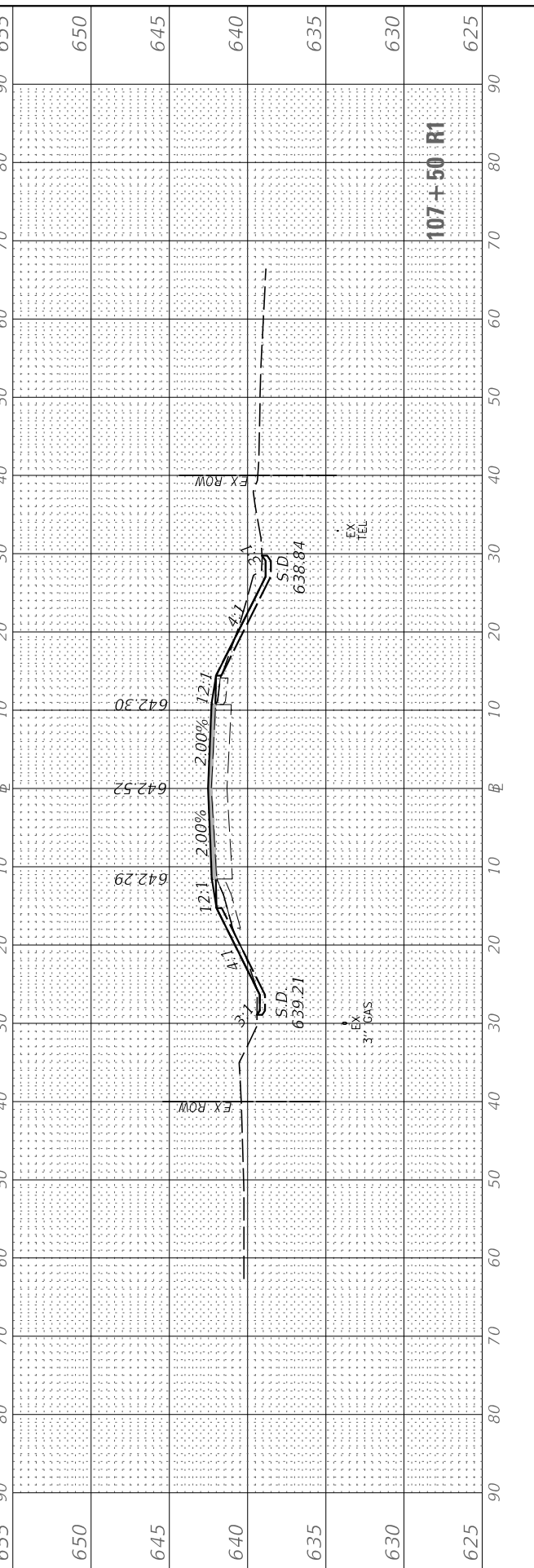
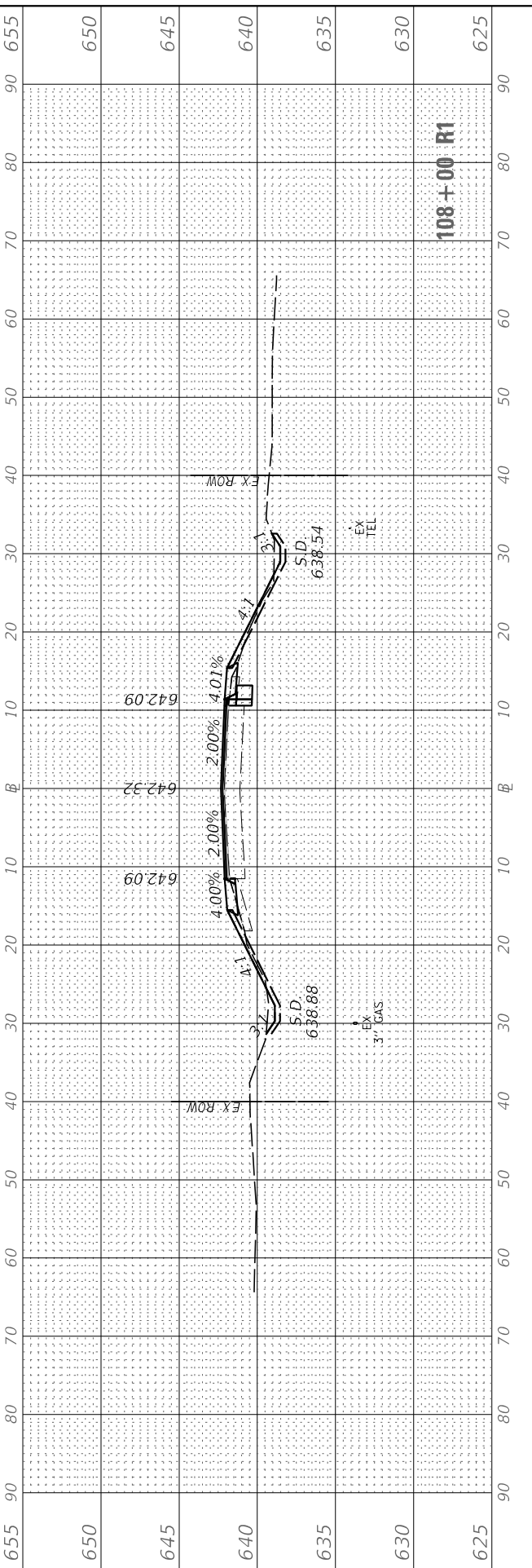
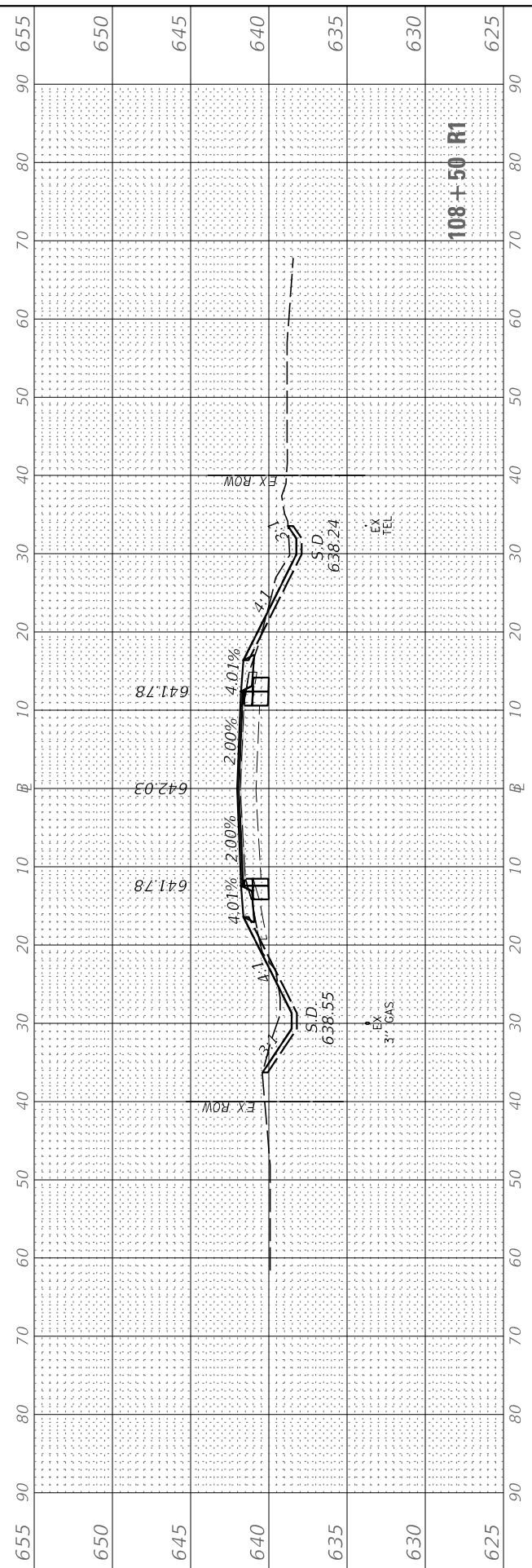
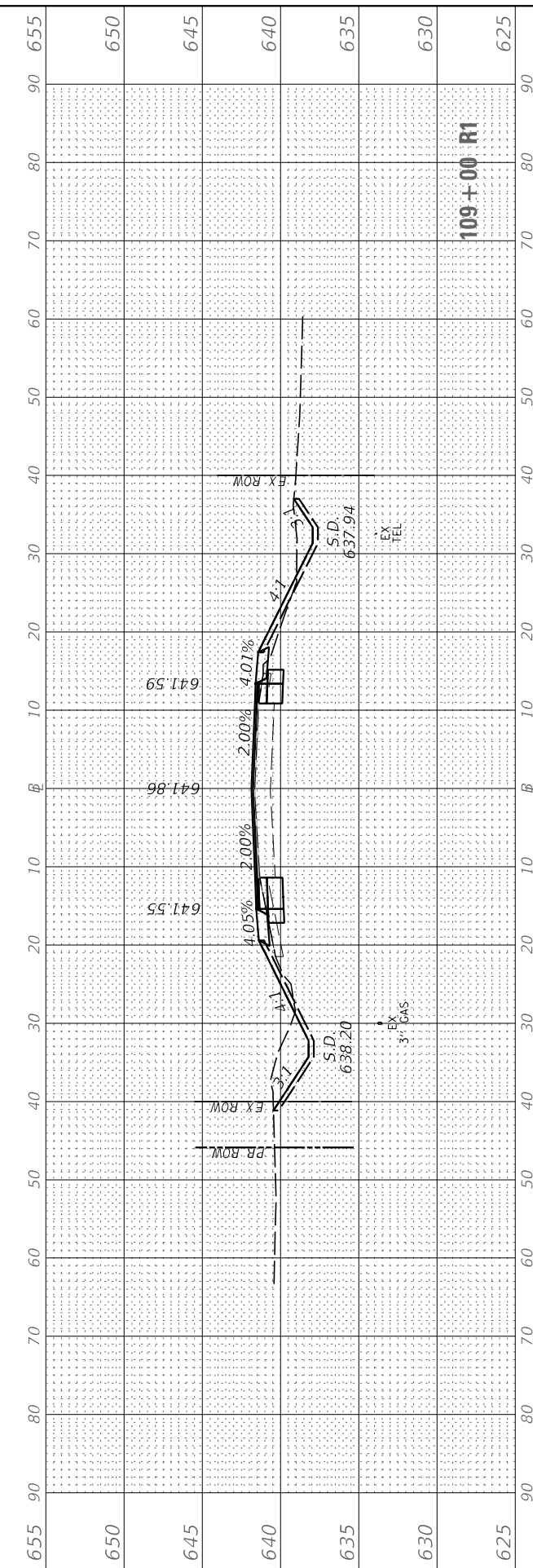
SCALE: H=10 V=5 SHEET 1 OF 5 SHEETS STA. 105+50 R1 TO STA. 107+00 R1

RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	41
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				

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

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

MODEL: CH33
 FILE NAME: V:\4295 - CH 43 and CH 33 (LEID)\CADD\CADD Drawings\4295-ssc-shts.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 2 OF 5 SHEETS STA. 107+50 R1 TO STA. 109+00 R1

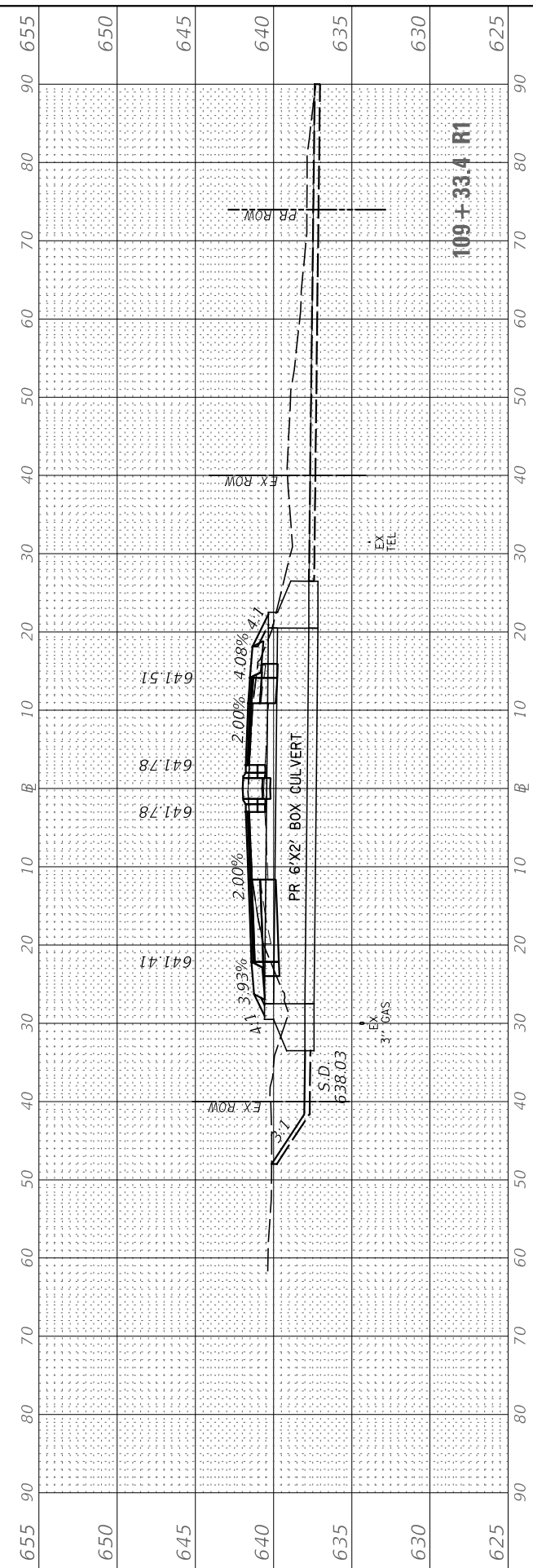
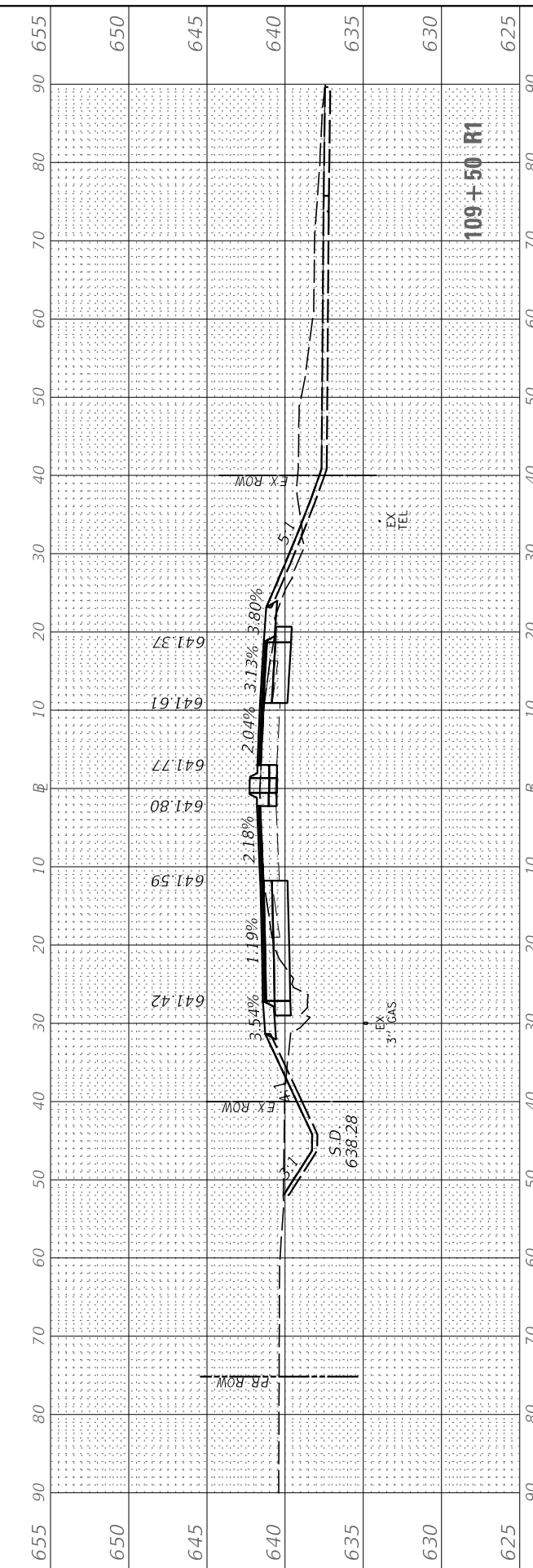
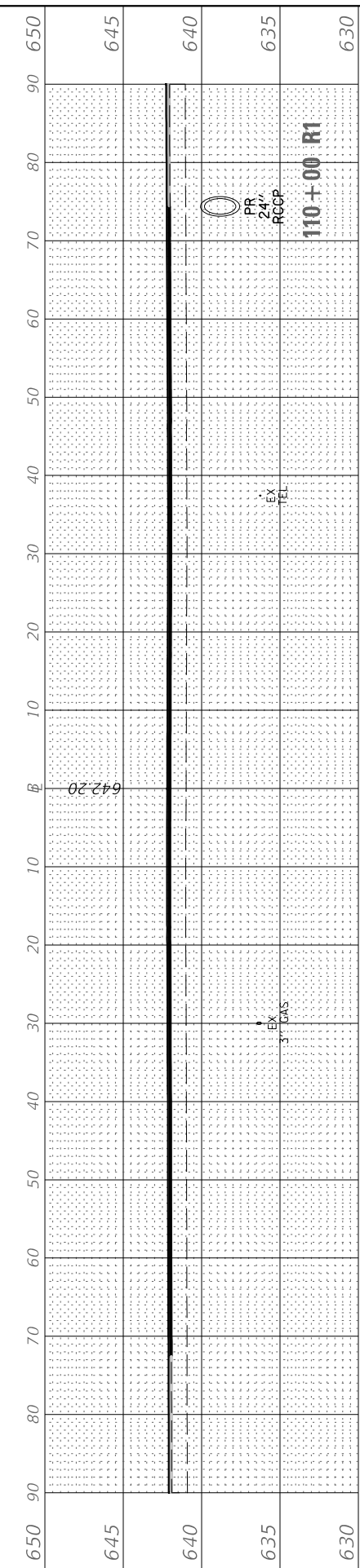
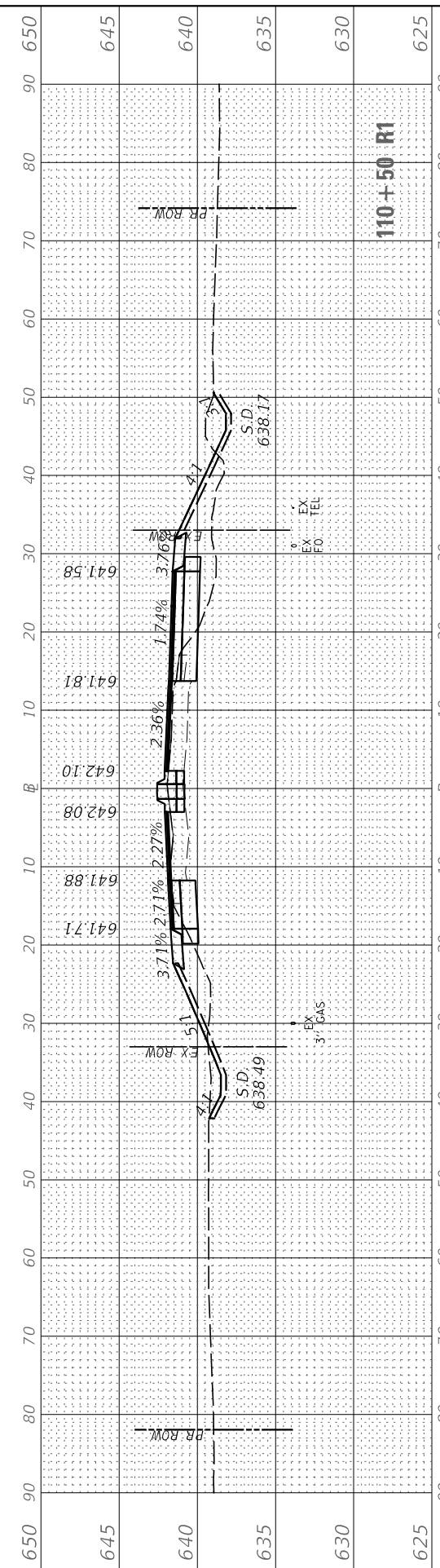
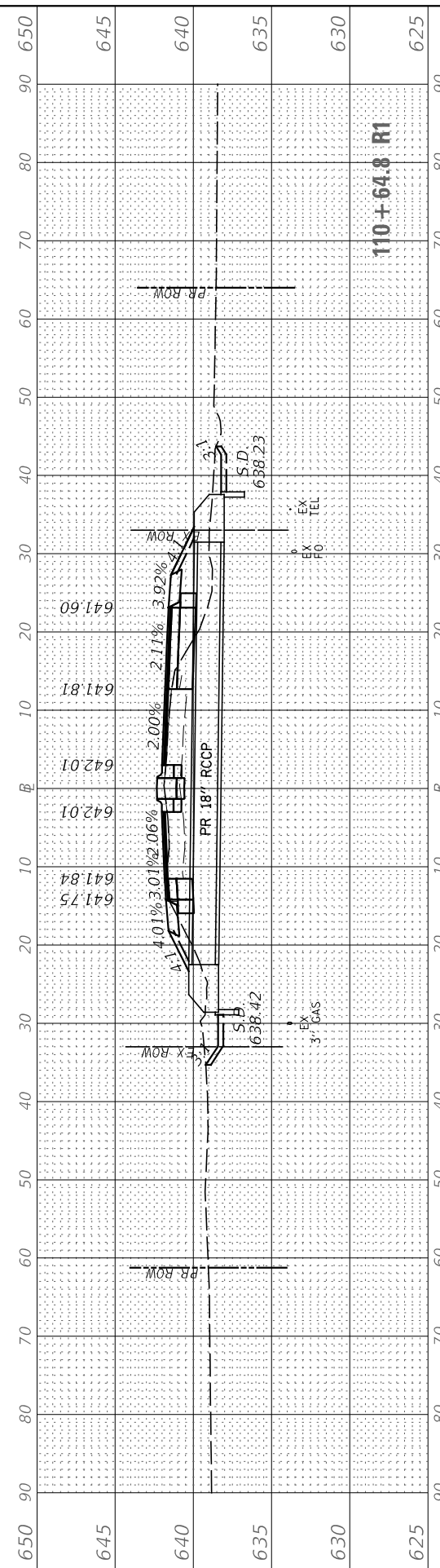
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	42
* FAS 256 & FAS 1365		CONTRACT NO. 87703		

ILLINOIS FED. AID PROJECT XLVT (884)

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

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

MODEL: CH33
FILE NAME: V:\4295 - CH 43 and CH 33 (LEID)CAD\CADD - Drawings\4295-ssc-sht3.dgn



USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 3/26/2019

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
CROSS SECTIONS**

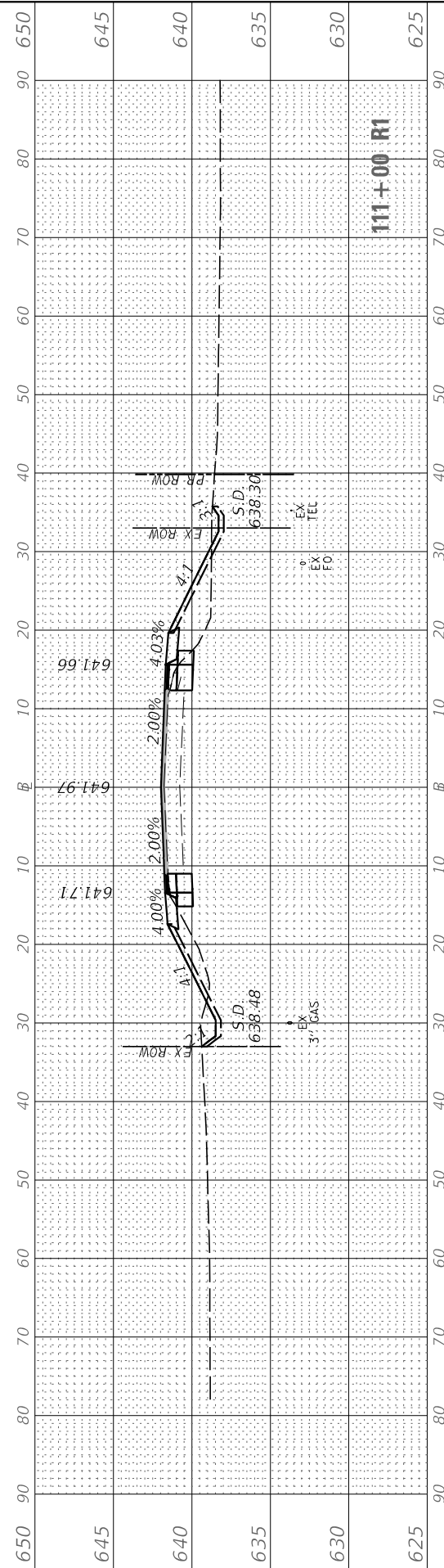
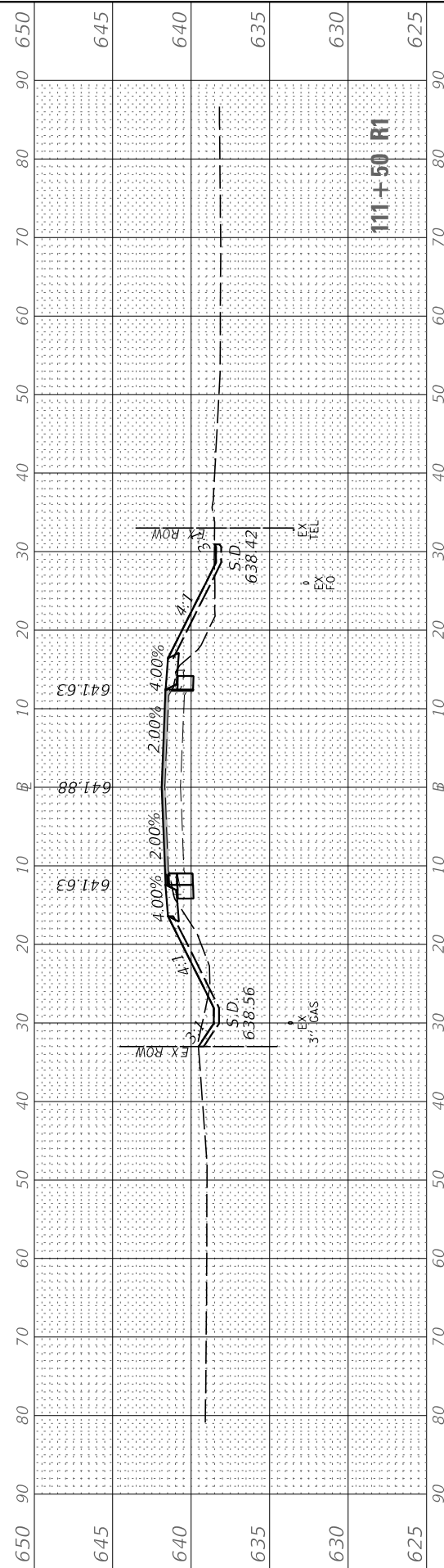
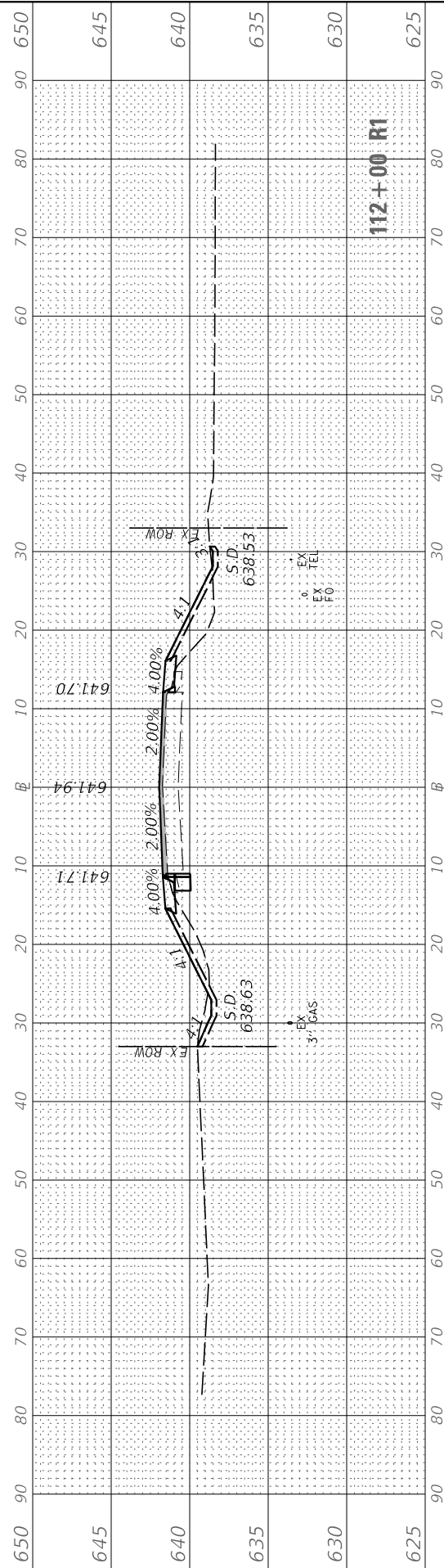
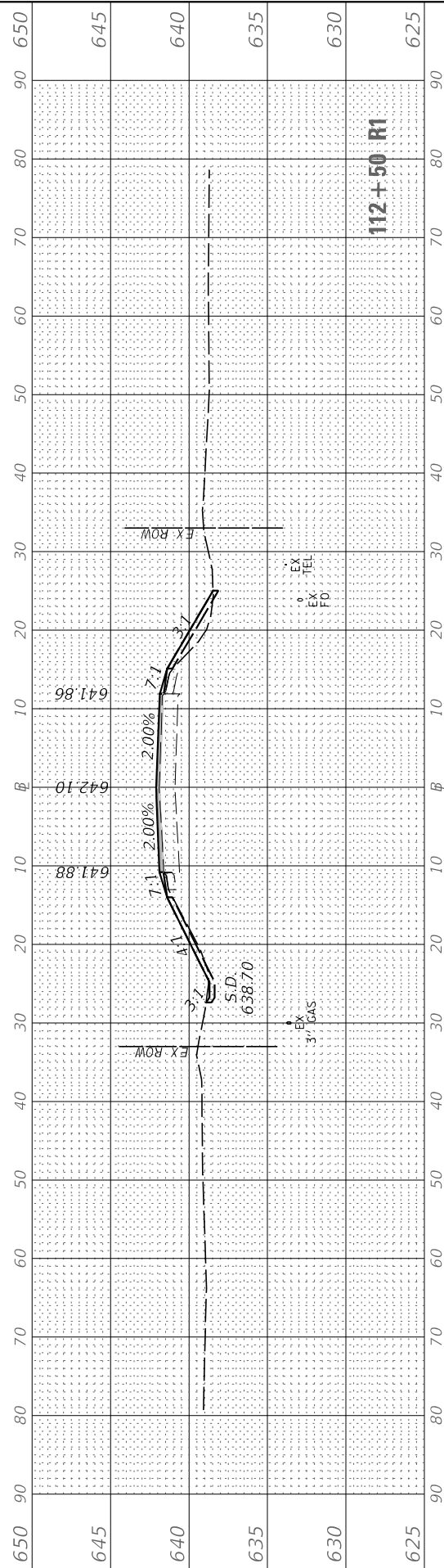
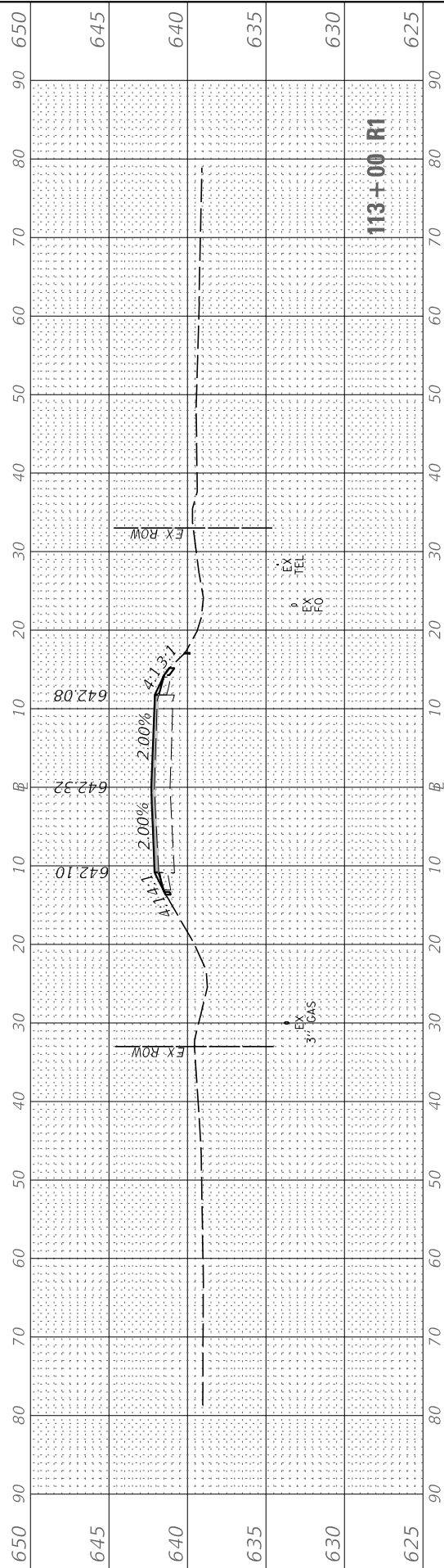
SCALE: H=10 V=5 SHEET 3 OF 5 SHEETS STA. 109+33.4 R1 TO STA. 110+64.8 R1

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	43
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS		FED. AID PROJECT XLVT (884)		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: CH33
 FILE NAME: V:\1295 - CH 33 (LEID)CAD\CADD - Drawings\1295-ssc-ent.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
 CROSS SECTIONS**

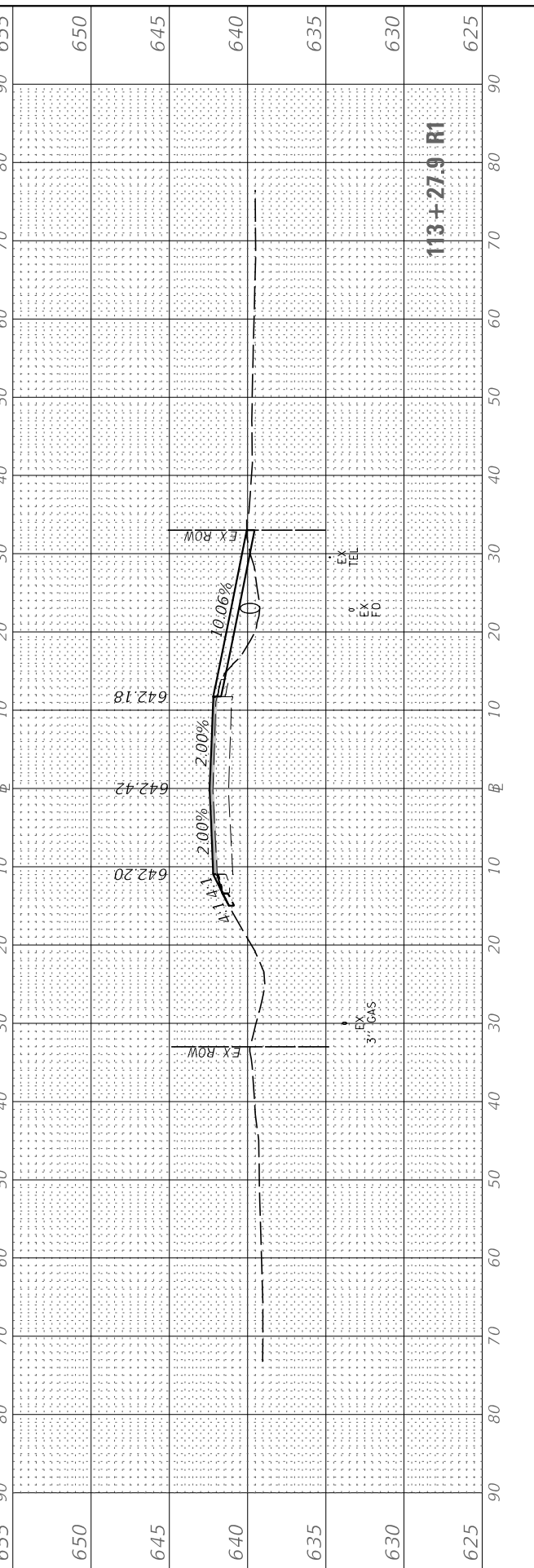
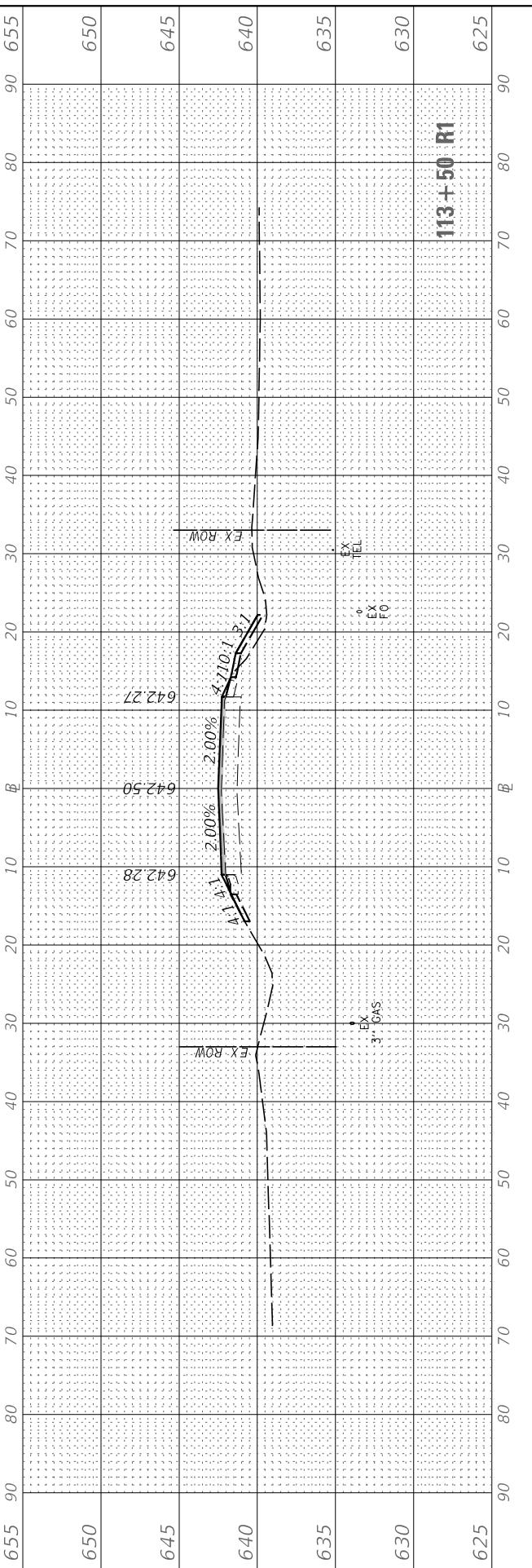
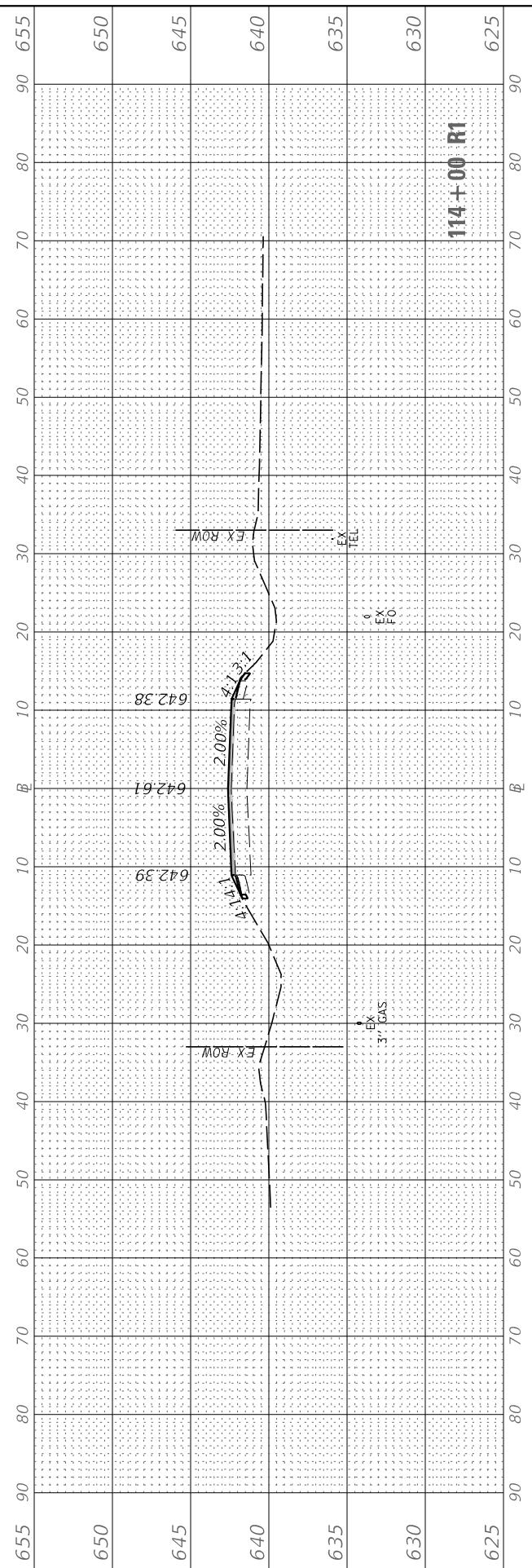
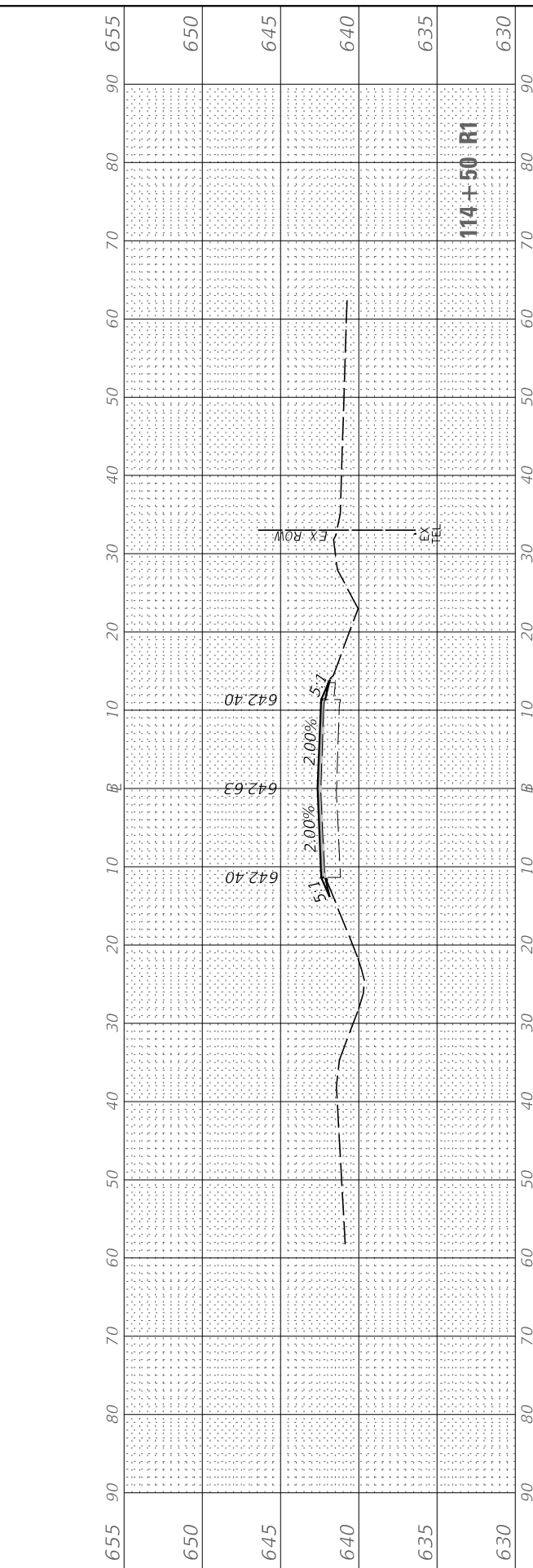
SCALE: H=10 V=5 SHEET 4 OF 5 SHEETS STA. 111+00 R1 TO STA. 113+00 R1

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	44
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS		FED. AID PROJECT XLVT (884)		

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

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

MODEL: CH33
FILE NAME: V:\4295 - CH 43 and CH 33 (LEID)CAD\CADD Drawings\4295-ssc-sht5.dgn



USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/26/2019	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 33 (N 33RD RD)
CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 5 OF 5 SHEETS STA. 113+27.9 R1 TO STA. 114+50 R1

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	16-00367-00-5P	LASALLE	45	45
* FAS 256 & FAS 1365		CONTRACT NO. 87703		
ILLINOIS FED. AID PROJECT XLVT (884)				