

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

CH 33 (PRAIRIES EDGE DRIVE)  
SECTION 13-00121-00-WR  
PROJECT KNXL(409)  
EDGAR COUNTY  
WIDENING AND RESURFACING  
FUNDING: STR, EDP, TARP & SMA  
JOB NO. C-95-318-15

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	1

CONTRACT NO. 91529



FOR INDEX OF SHEETS, SEE SHEET 2  
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET 2  
FOR SUMMARY OF QUANTITIES, SEE SHEETS 4-8

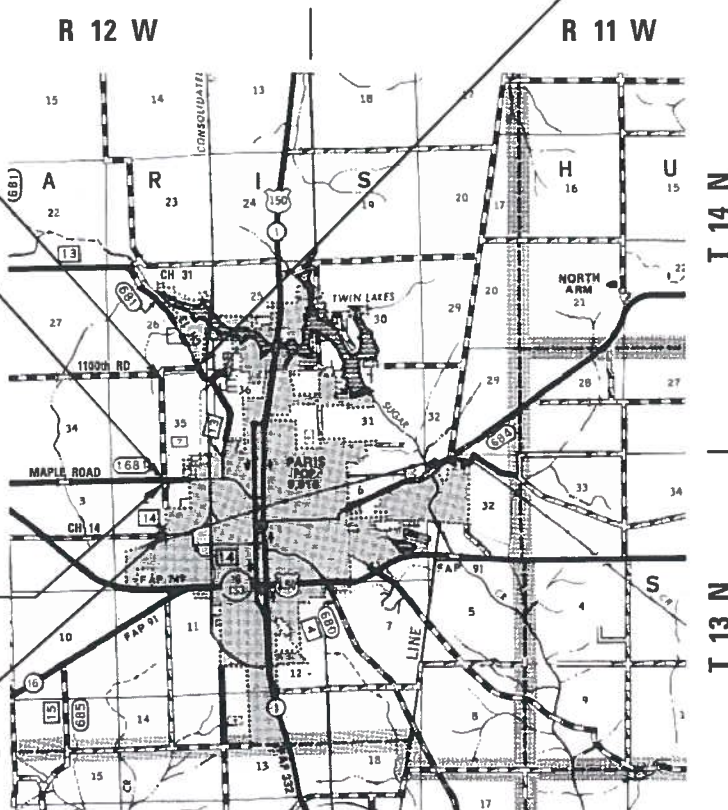
04-27-2018 LETTING ITEM 185

STRUCTURAL DESIGN TRAFFIC		YEAR 2026	
PV= 274 (78.3%)	SU= 45 (12.9%)	MU= 31 (8.8%)	
FUNCTIONAL CLASSIFICATION MAJOR COLLECTOR			
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE			
P= 55%	S= 55%	M= 55%	
TRAFFIC FACTOR = 0.029135		AC Type = PG 64-22	
PG GRADE:	Surface = 64-22	Level Binder = 64-22	

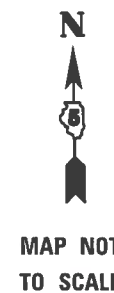
SECTION 13-00121-00-WR  
PROJECT KNXL(409)  
ENDS STATION 373+63.69  
URBAN LIMITS ENDS

URBAN LIMIT BEGINS  
STATION 352+00  
STATION EQUATION:  
STATION 227+20.53 (BACK) =  
STATION 300+00.00 (AHEAD)

URBAN LIMIT ENDS  
STATION 227+08.44  
SECTION 13-00121-00-WR  
PROJECT KNXL(409)  
BEGINS STATION 200+12.00  
URBAN LIMITS BEGINS



GROSS LENGTH = 10,072.22 FT. = 1.908 MILE  
NET LENGTH = 10,072.22 FT. = 1.908 MILE



AARON M. LAWSON  
REGISTERED PROFESSIONAL ENGINEER  
NO. 062-051230 EXPIRES 11-30-2019

APPROVED: [Signature] 1/18/18  
Edgar County Engineer Date

PASSED: [Signature] FEBRUARY 14 2015  
DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review: [Signature] February 14 2015  
REGION THREE ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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OF THE STATE OF ILLINOIS

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ROUTE: CH 33 (PRAIRIES EDGE DRIVE) WIDEN AND RESURFACE  
EDGAR COUNTY  
DESCRIPTION: CH 33 (PRAIRIES EDGE DRIVE) WIDEN AND RESURFACE  
SECTION: 13-00121-00-WR

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# HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442201-03	CLASS C and D PATCHES
542416	SLOPED METAL END SECTIONS FOR PIPE ARCH CULVERTS
602301-04	INLET - TYPE A
602401-04	MANHOLE, TYPE A
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS, TYPE 1
604031-03	GRATE, TYPE 7
604101-01	MEDIAN INLET for 24" (600 mm) REINFORCED CONCRETE PIPE
606001-07	CONCRETE CURB, TYPE B & COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-ROAD OPERATIONS, 2-LANE, 2-WAY, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2-LANE, 2-WAY, 24" TO 15' FROM EP
701011-04	OFF-ROAD MOVING OPERATIONS, 2-LANE, 2-WAY, DAYTIME ONLY
701301-04	LANE CLOSURE, 2-LANE, 2-WAY, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2-LANE, 2-WAY, SLOW MOVING OPERATIONS, DAYTIME ONLY FOR SPEEDS EQUAL TO OR GREATER THAN 45 MPH
701311-03	LANE CLOSURE, 2-LANE, 2-WAY, SLOW MOVING OPERATIONS, DAYTIME ONLY
701326-04	LANE CLOSURE, 2-LANE, 2-WAY, PAVEMENT WIDENING, FOR SPEEDS EQUAL TO OR GREATER THAN 45 MPH
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
781001-04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

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## INDEX OF SHEETS HIGHWAY STANDARDS

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 40.0000' / 1in.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/19/2018	DATE - 08/2017	REVISED - _____

SCALE: NONE SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	2
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 91529

# GENERAL NOTES

1. G.N.-100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.
2. G.N. • 100B  
MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.
3. G.N.-105.09A  
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
4. G.N.-107.37  
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.  
  
UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.  
J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.
5. G.N.-201  
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.
6. G.N.-202  
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF RIGHT-OF-WAY AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.  
  
THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

7. G.N.-280  
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SLOPES AT THE TIME OF THEIR COMPLETION.
  8. G.N.-406  
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.
  9. G.N. -406H  
MIXTURE REQUIREMENTS  
  
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:
- | LOCATION(S):                    | CH 33, CH 14 & MAPLE ROAD | CH 33, CH 14 & MAPLE ROAD      | CH 33              |
|---------------------------------|---------------------------|--------------------------------|--------------------|
| MIXTURE USE(S):                 | LEVELING BINDER           | SURFACE & INCIDENTAL SURFACING | BASE COURSE OPTION |
| AC/PG:                          | PG 64-22                  | PG 64-22                       | PG 64-22           |
| DESIGN AIR VOIDS                | 4.0% @Ndes=70             | 4.0% @Ndes=70                  | 4.0% @Ndes=70      |
| MIXTURE COMPOSITION (GRADATION) | IL-9.5FG                  | IL-9.5                         | IL-19.0            |
| FRICTION AGGREGATE              | Mix C                     | Mix C                          | N.A.               |
| MIXTURE WEIGHT                  | 112                       | 112                            | 112                |
| QUALITY MANAGEMENT PROGRAM      | QC/QA                     | QC/QA                          | QC/QA              |
| SUBLOT SIZE                     | N.A.                      | N.A.                           | N.A.               |
10. G.N.- 542  
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT PIPE LENGTHS.
  11. G.N.- 550  
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
  12. G.N.- 602  
INLETS, TYPE A DESIGNATED WITH A SPECIAL FRAME AND GRATE SHALL HAVE A NEENAH R-2549 OR EQUIVALENT GRATE INSTALLED ON THE INLET. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE, WHICH PRICE SHALL BE PAYMENT IN FULL FOR FURNISHING AND INSTALLING THE INLET AND GRATE.
  13. G.N.- 781  
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001 AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS, AND THE RAISED REFLECTIVE PAVEMENT MARKER SHALL BE PLACED MIDWAY IN THE 30 FOOT (9m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).
  14. G.N.- 1004.01  
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

## COMMITMENTS

NO COMMITMENTS WERE MADE THAT WOULD AFFECT THE CONSTRUCTION OF THIS PROJECT

### MATERIAL CONVERSION FACTORS

ITEM	ASSUMED CONVERSION FACTOR
GRANULAR EMBANKMENT, SPECIAL	1.9 TON/CU YD
STONE DUMPED RIPRAP, CLASS A3	1.8 TON/CU YD
STONE DUMPED RIPRAP, CLASS A4	1.7 TON/CU YD
AGGREGATE BASE COURSE, TYPE A	2.05 TON/CU YD
AGGREGATE BASE COURSE, TYPE B	2.0 TON/CU YD
AGGREGATE BASE REPAIR	2.0 TON/CU YD
AGGREGATE SURFACE COURSE, TYPE B	1.95 TON/CU YD
AGGREGATE FOR TEMPORARY ACCESS	1.9 TON/CU YD
HMA LEVEL BINDER & SURFACE COURSE	112 LBS/SQ YD/INCH
INCIDENTAL HOT-MIX ASPHALT SURFACING	112 LBS/SQ YD/INCH
AGGREGATE SHOULDERS, TYPE B	1.9 TON/CU YD

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.0000' / 1"	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

### GENERAL NOTES COMMITMENTS

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	3
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

SUMMARY OF QUANTITIES		CONSTRUCTION CODE		0004	0004	0004	0004
		FUNDING		STR, EDP, TARP & SMA	STR, EDP, TARP & SMA	STR, EDP, TARP & SMA	STR, EDP, TARP & SMA
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY URBAN STA 200+12 TO STA 213+37.81	ROADWAY RURAL STA 213+37.81 TO STA 319+00	ROADWAY RURAL STA 319+00 TO STA 353+01.24	ROADWAY URBAN STA 353+01.24 TO STA 373+63.69
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60	60			
20200100	EARTH EXCAVATION	CU YD	4,761	1,685	594	1,932	550
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,283	309	255	456	263
20800150	TRENCH BACKFILL	CU YD	215	39	16	24	136
21000300	GRANULAR EMBANKMENT, SPECIAL	TON	3,950	1,005	654	2,178	113
25000200	SEEDING, CLASS 2	ACRE	8.25	2.50	1.40	3.00	1.35
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	749	226	127	272	124
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	749	226	127	272	124
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	749	226	127	272	124
25100127	MULCH, METHOD 3A	ACRE	8.25	2.50	1.40	3.00	1.35
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,670	505	285	605	275
28000305	TEMPORARY DITCH CHECKS	FOOT	560	140	200	140	80
28000400	PERIMETER EROSION BARRIER	FOOT	1,296	474	822		
28000500	INLET AND PIPE PROTECTION	EACH	31	8	2	7	14
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	40			19	21
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	18				18
28200200	FILTER FABRIC	SQ YD	72			29	43
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1,840	1,083	506		251
35101400	AGGREGATE BASE COURSE, TYPE B	TON	9,520	1,773	2,225	3,087	2,435
35200300	PROCESSING SOIL CEMENT BASE COURSE B"	SQ YD	25,062	6,705	4,922	11,347	2,088

⊗ SPECIALTY ITEM

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 40.0000' / 1"	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

SUMMARY OF QUANTITIES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	4
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	

SUMMARY OF QUANTITIES		CONSTRUCTION CODE		0004	0004	0004	0004
		FUNDING		STR, EDP, TARP & SMA ROADWAY URBAN	STR, EDP, TARP & SMA ROADWAY RURAL	STR, EDP, TARP & SMA ROADWAY RURAL	STR, EDP, TARP & SMA ROADWAY URBAN
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STA 200+12 TO STA 213+37.81	STA 213+37.81 TO STA 319+00	STA 319+00 TO STA 353+01.24	STA 353+01.24 TO STA 373+63.69
35200500	CEMENT	100 WT	12,531	3,352	2,461	5,674	1,044
35800100	PREPARATION OF BASE	SQ YD	5,516	1,311	701	95	3,409
35800200	AGGREGATE BASE REPAIR	TON	500	91	92	6	311
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	530	327	46	98	59
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	40	11	17	8	4
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	71,425	19,791	13,464	21,450	16,720
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8,675	2,852	1,978	2,114	1,731
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	3,320	980	681	920	739
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	117				117
40600990	TEMPORARY RAMP	SQ YD	68				68
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	2,800	815	583	777	625
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,000	387	466	223	1,924
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	260	39	39	18	164
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	444		221	223	
44000100	PAVEMENT REMOVAL	SQ YD	223	223			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	44				44
44000400	GUTTER REMOVAL	FOOT	156	156			
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	9	9			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,500	702	577	880	341
50105220	PIPE CULVERT REMOVAL	FOOT	724	124	43	182	375

⊗ SPECIALTY ITEM

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USER NAME = jmor	DESIGNED - JHM	REVISED -
PLLOT SCALE = 48.0000' / 1in.	DRAWN - JHM	REVISED -
PLLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

SUMMARY OF QUANTITIES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 2	OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	5
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 91529				

SUMMARY OF QUANTITIES		CONSTRUCTION CODE		0004	0004	0004	0004
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FUNDING		STR, EDP, TARP & SMA	STR, EDP, TARP & SMA
				ROADWAY URBAN STA 200+12 TO STA 213+37.81	ROADWAY RURAL STA 213+37.81 TO STA 319+00	ROADWAY RURAL STA 319+00 TO STA 353+01.24	ROADWAY URBAN STA 353+01.24 TO STA 373+63.69
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	6				6
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	738	138	64		57
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	174				174
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	54	54			
542D5473	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	108				58
542D5479	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	57				57
54261018	SLOPED METAL END SECTION WITH GRATE, STANDARD 542416, 18", 1:6	EACH	1				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	610	610			
550B0120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	998				998
56109210	WATER VALVES TO BE ADJUSTED	EACH	5	5			
56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	1		1		
56500100	DOMESTIC METER VAULTS TO BE MOVED	EACH	3	1			2
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	2				2
60100905	PIPE DRAINS 4"	FOOT	54				54
60100925	PIPE DRAINS 8"	FOOT	159	49	110		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60220200	MANHOLES, TYPE A, 4'-DIAMETER	EACH	3				3
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2			
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	92.6	92.6			
67100100	MOBILIZATION	L SUM	1	0.5			0.5

⊗ SPECIALTY ITEM

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USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

SUMMARY OF QUANTITIES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SCALE: NONE SHEET 3 OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-RR	EDGAR	174	6
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
FED. AID PROJECT				

SUMMARY OF QUANTITIES		CONSTRUCTION CODE		0004	0004	0004	0004
		FUNDING		STR, EDP, TARP & SMA ROADWAY URBAN	STR, EDP, TARP & SMA ROADWAY RURAL	STR, EDP, TARP & SMA ROADWAY RURAL	STR, EDP, TARP & SMA ROADWAY URBAN
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STA 200+12 TO STA 213+37.81	STA 213+37.81 TO STA 319+00	STA 319+00 TO STA 353+01.24	STA 353+01.24 TO STA 373+63.69
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5			0.5
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.5			0.5
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	0.5			0.5
72000100	SIGN PANEL - TYPE 1	SO FT	85.5	12.50	12.25	9.25	51.50
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	160	20	30	20	90
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	16	2	3	2	9
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	24,913	6,640	5,004	7,497	5,772
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	481	266	124		91
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	220	131	53		36
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	120	60	30		30
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	138	38	23	42	35
78200020	CURB REFLECTORS	EACH	24	12	6		6
Z0002900	BASE COURSE (OPTION)	SO YD	39	25	11		3
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5			0.5
Z0023600	FILLING EXISTING CULVERTS	EACH	1				1
Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	19	8	3	2	6
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	53				53
Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	40				40
X0100002	GRADING AND SHAPING SPECIAL	SQ YD	1,927				1,927
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1	1			

⊗ SPECIALTY ITEM

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
PLOT SCALE = 48.0000' / in.	DRAWN - JHM	REVISED - _____
PLOT DATE = 1/14/2018	CHECKED - _____	REVISED - _____
	DATE - 08/2017	REVISED - _____

SUMMARY OF QUANTITIES

STATE OF ILLINOIS			
DEPARTMENT OF TRANSPORTATION			
SCALE: NONE	SHEET 4	OF 5	SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	7
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				
CONTRACT NO. 91529				

SUMMARY OF QUANTITIES		CONSTRUCTION CODE		0004	0004	0004	0004
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FUNDING			
				STR, EDP, TARP & SMA ROADWAY URBAN STA 200+12 TO STA 213+37.81	STR, EDP, TARP & SMA ROADWAY RURAL STA 213+37.81 TO STA 319+00	STR, EDP, TARP & SMA ROADWAY RURAL STA 319+00 TO STA 353+01.24	STR, EDP, TARP & SMA ROADWAY URBAN STA 353+01.24 TO STA 373+63.69
⊗ X0325379	DIRECTIONAL BORING	FOOT	95				95
X5000015	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	105			105	
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	5	4			1
X6024240	INLETS, SPECIAL	EACH	1				1
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	313	182	78		53
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	240	240			
XZ193300	SURVEY MARKER, TYPE I (SPECIAL)	EACH	5	2	1	1	1
XX008455	INLET BOX, SPECIAL	EACH	2	1	1		
△ Z0076600	TRAINEES	HOUR	500				
△ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500				

⊗ SPECIALTY ITEM    △ 0042

USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

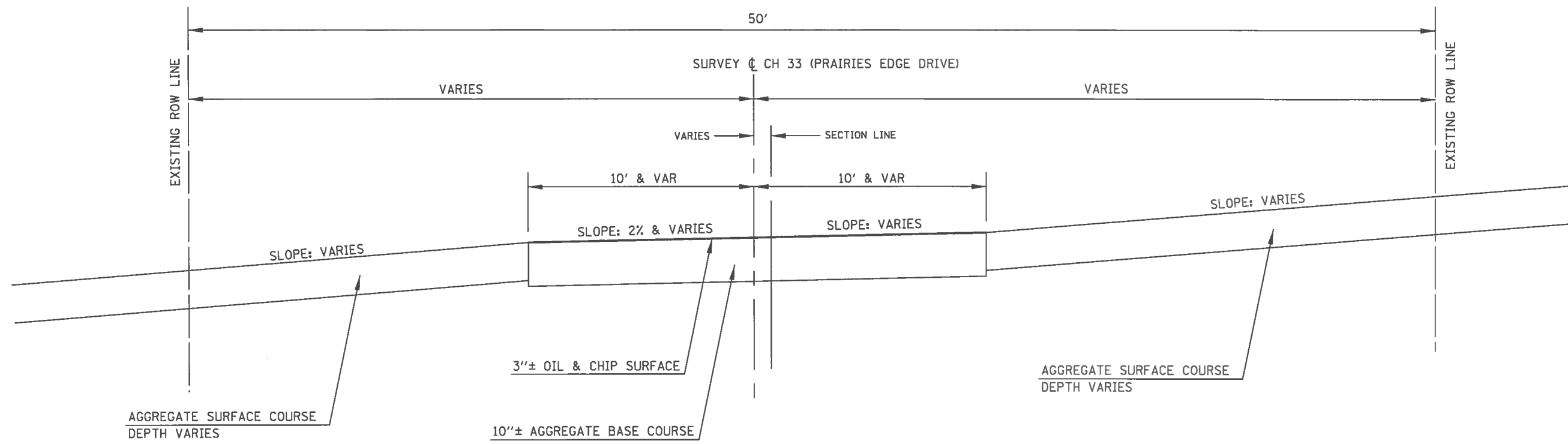
SUMMARY OF QUANTITIES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SCALE: NONE    SHEET 5 OF 5 SHEETS

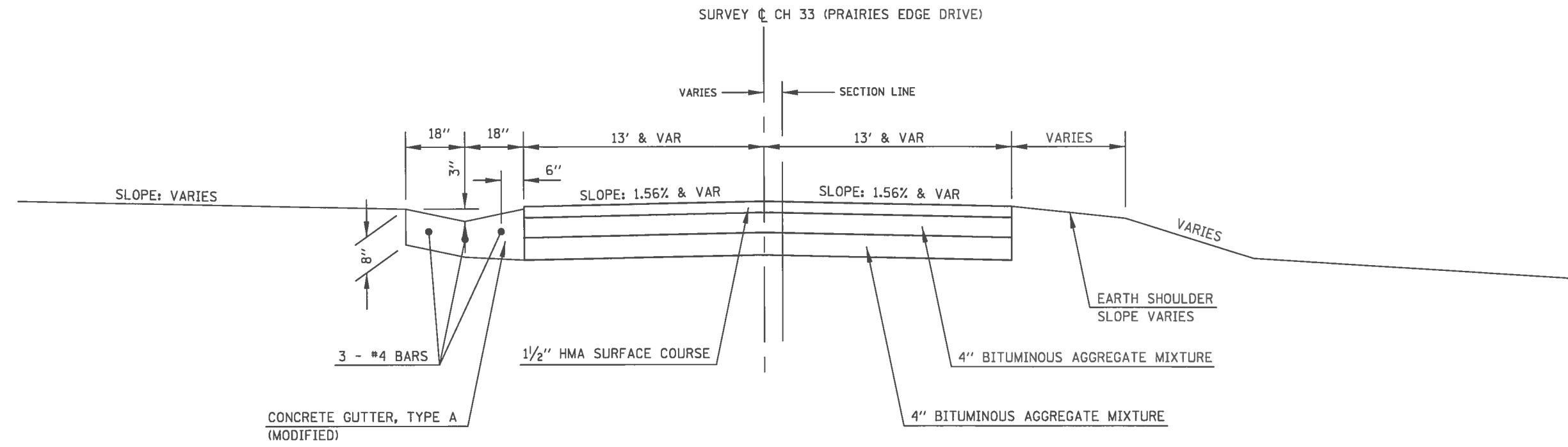
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	8
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
FED. AID PROJECT				

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CH 33 (PRAIRIES EDGE DRIVE)  
STATION 200+60.80 TO STATION 203+82



CH 33 (PRAIRIES EDGE DRIVE)  
STATION 200+12 TO STATION 200+60.80

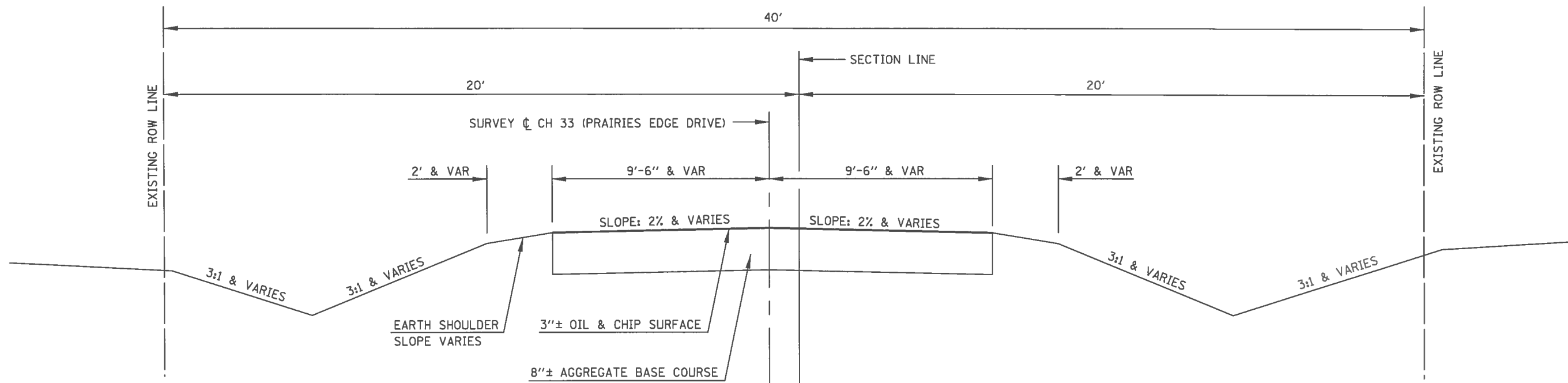
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	DRAWN - JHM	REVISED - _____
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PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

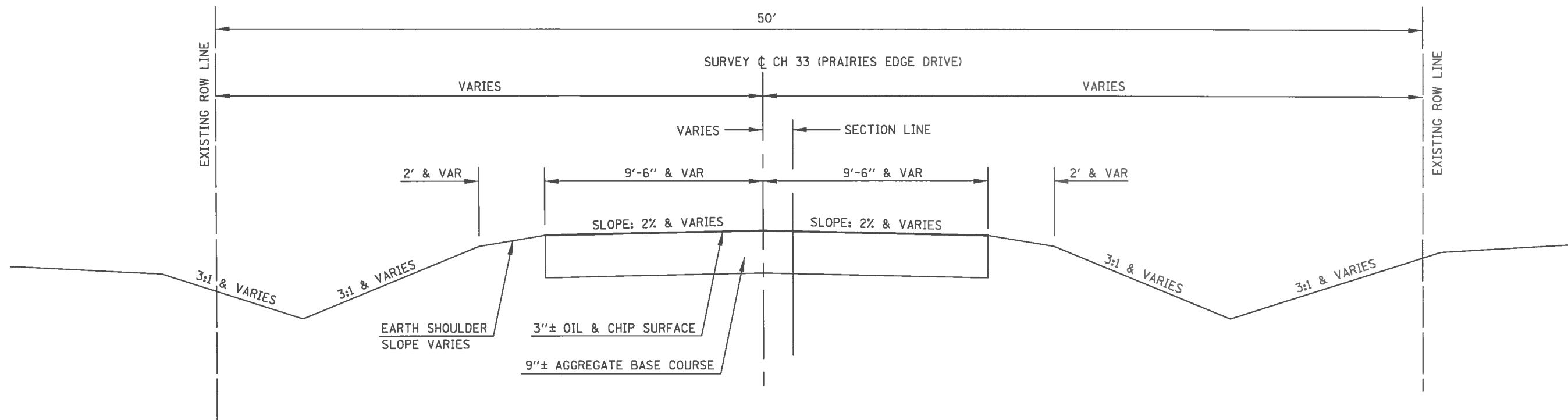
EXISTING TYPICAL SECTIONS

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 1 OF 6 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	9
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				



STATION EQUATION: CH 33 (PRAIRIES EDGE DRIVE)  
 227+20.53 (BACK) = 300+00 (AHEAD) (NORTH EP MAPLE ROAD) STATION 300+10 TO STATION 352+69.36



CH 33 (PRAIRIES EDGE DRIVE)  
 STATION 203+82 TO STATION 227+08.44 (SOUTH EP MAPLE ROAD) STATION EQUATION:  
 227+20.53 (BACK) = 300+00 (AHEAD)

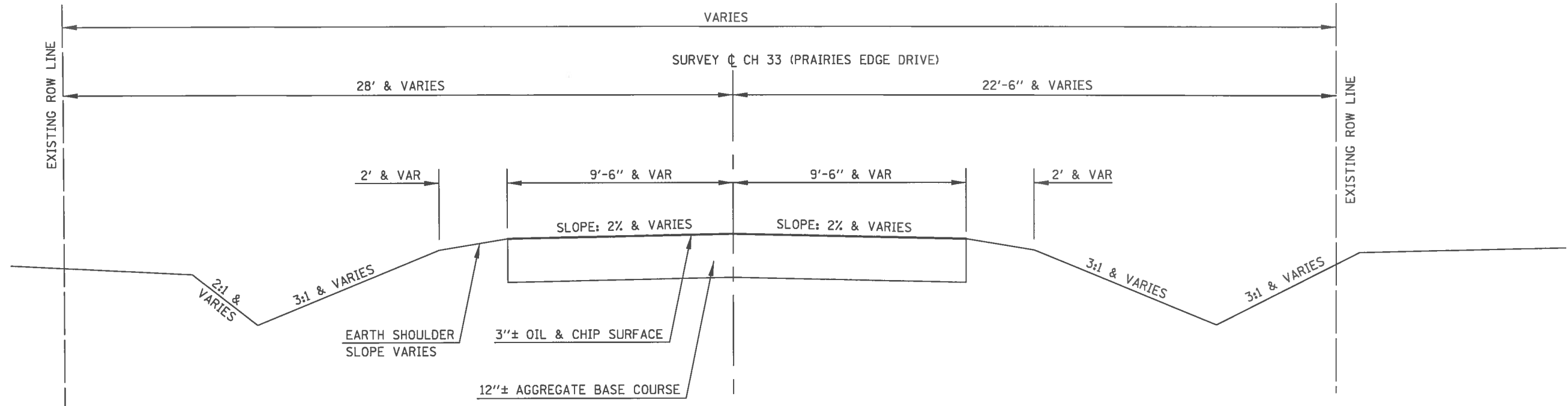
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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
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PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

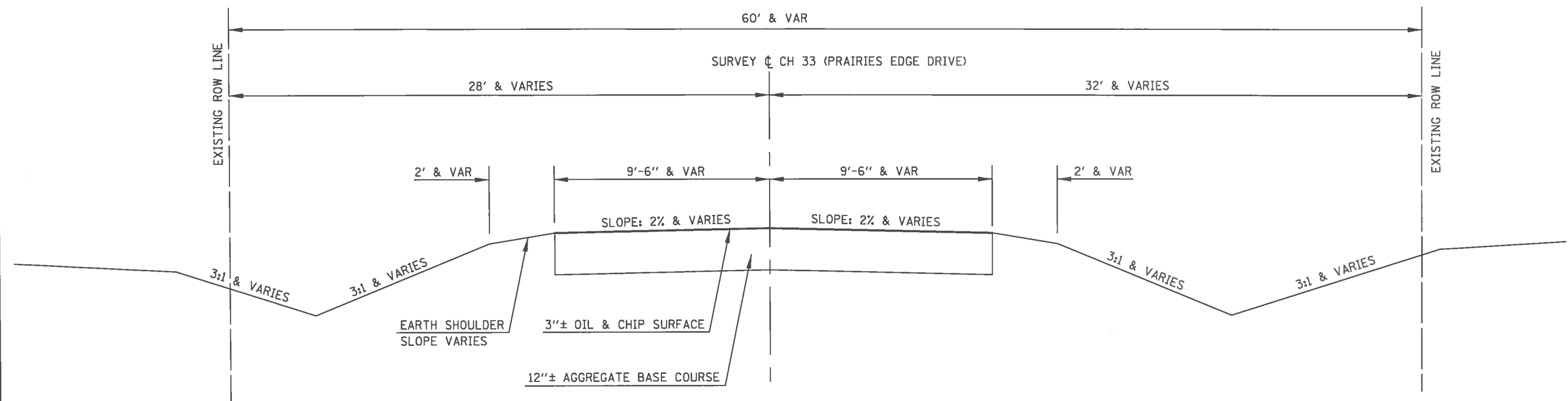
**EXISTING TYPICAL SECTIONS**

<b>STATE OF ILLINOIS</b>		
<b>DEPARTMENT OF TRANSPORTATION</b>		
SCALE: NONE	SHEET 2	OF 6 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	10
<b>CONTRACT NO. 91529</b>				
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		



CH 33 (PRAIRIES EDGE DRIVE)  
STATION 363+30 TO STATION 373+33.70



CH 33 (PRAIRIES EDGE DRIVE)  
STATION 352+69.36 TO STATION 363+30

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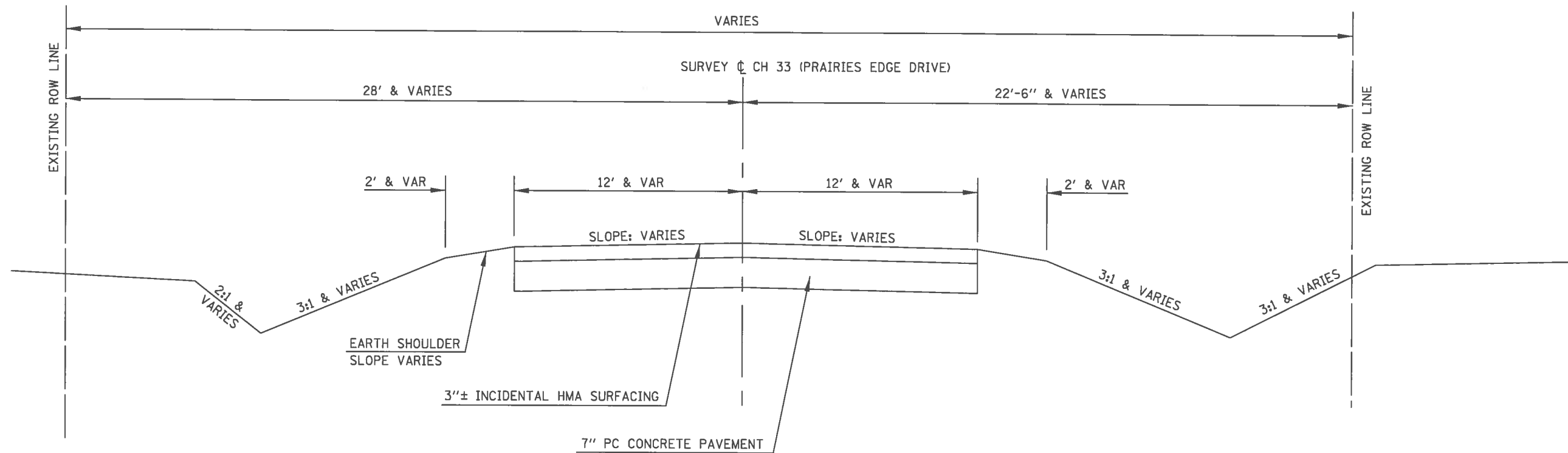
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PLOT SCALE = 48.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

EXISTING TYPICAL SECTIONS

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 3 OF 6 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	11
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

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CH 33 (PRAIRIES EDGE DRIVE)  
STATION 373+33.70 TO STATION 373+63.69 (WEST EP CH 13)

USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.8888' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

**EXISTING TYPICAL SECTIONS**

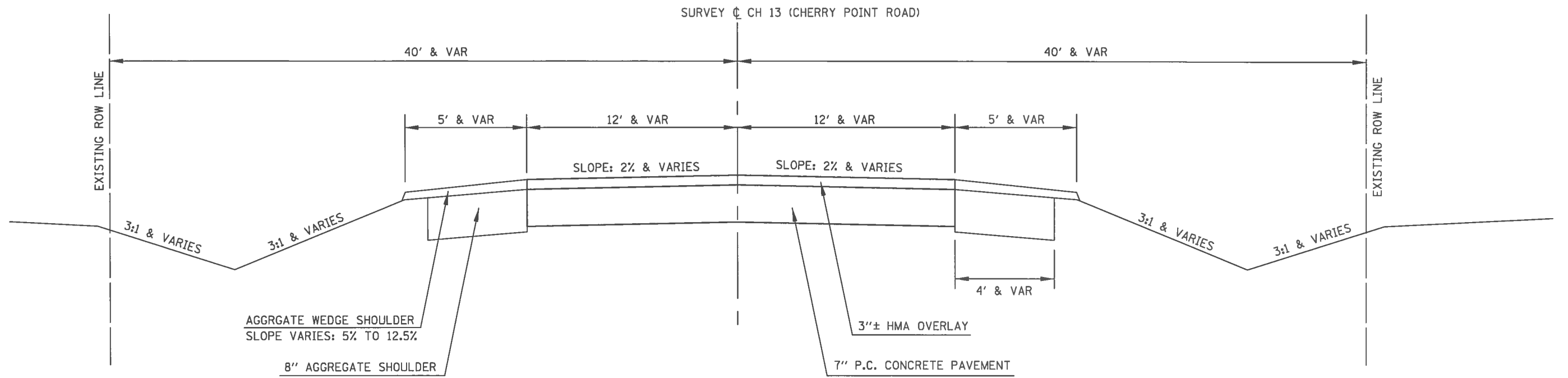
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE: NONE      SHEET 4 OF 6 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	12
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

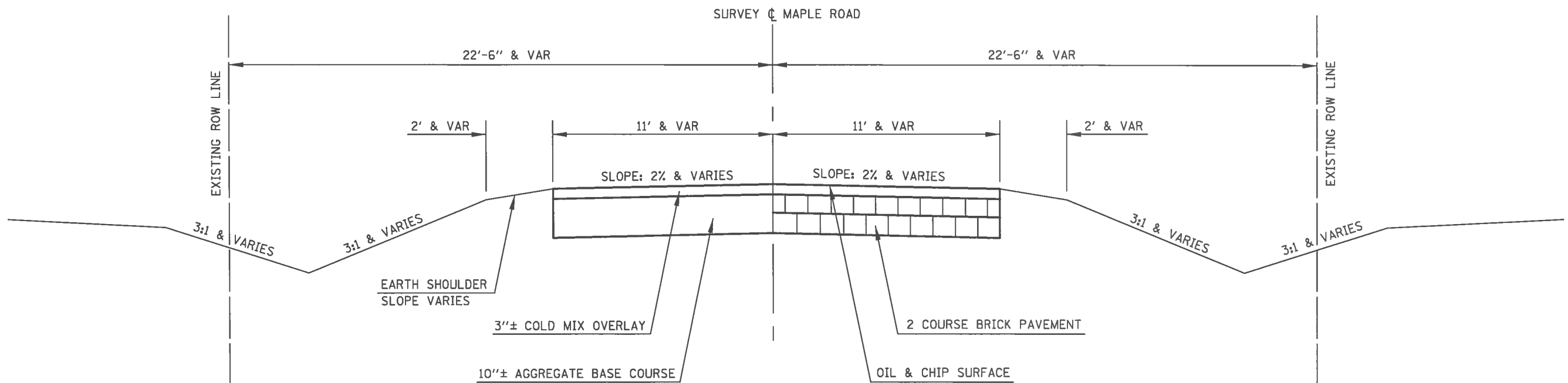
**CONTRACT NO. 91529**





CH 13 (CHERRY POINT ROAD)  
STATION 48+00 TO STATION 49+46.91  
STATION 71+00 TO STATION 73+00

STATION EQUATION:  
STATION 49+46.91 (BACK) =  
STATION 71+00 (AHEAD)



MAPLE ROAD  
STATION 699+00 TO STATION 705+00

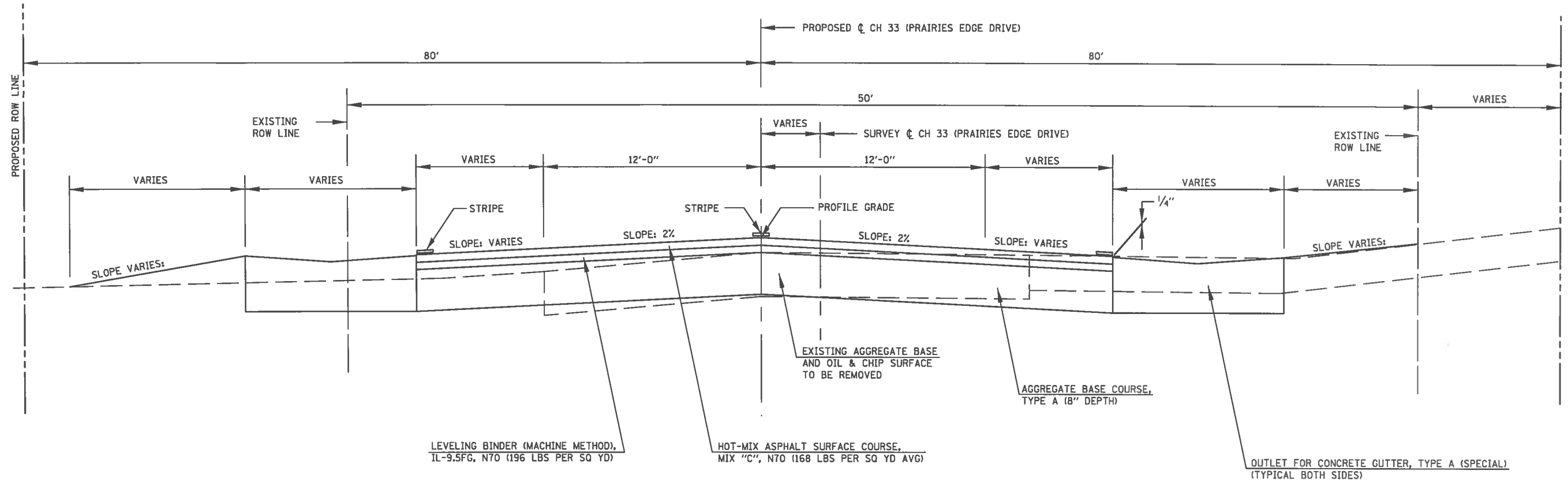
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	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

**EXISTING TYPICAL SECTIONS**

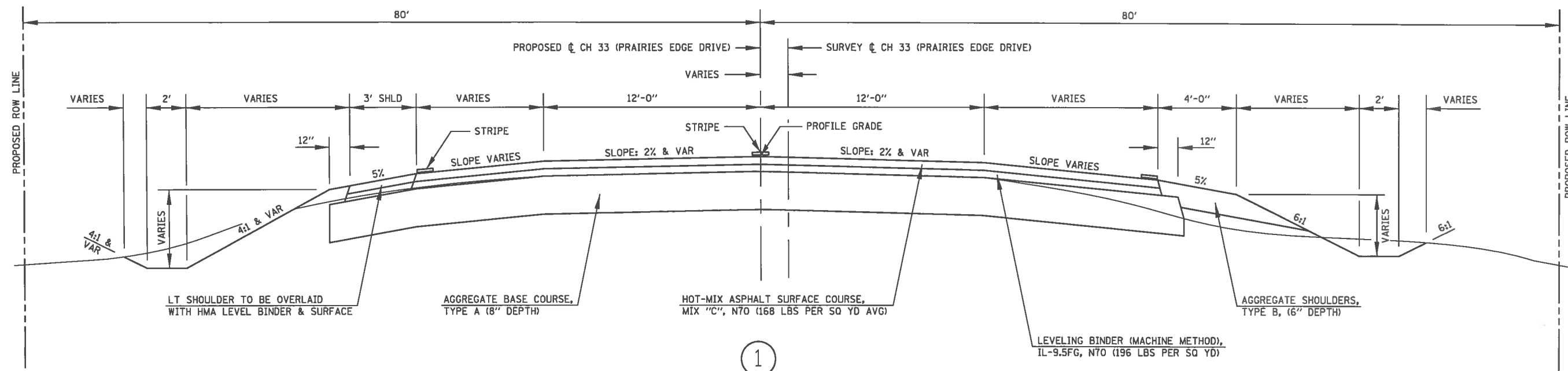
<b>STATE OF ILLINOIS</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>	
SCALE: NONE	SHEET 6 OF 6 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	14
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				



NOTE:  
6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

②  
CH 33 (PRAIRIES EDGE DRIVE)  
① STATION 200+81.10 TO STATION 201+83.59 ③



①  
CH 33 (PRAIRIES EDGE DRIVE)  
BEGIN SECTION STATION 200+12.00 TO STATION 200+81.10 ②

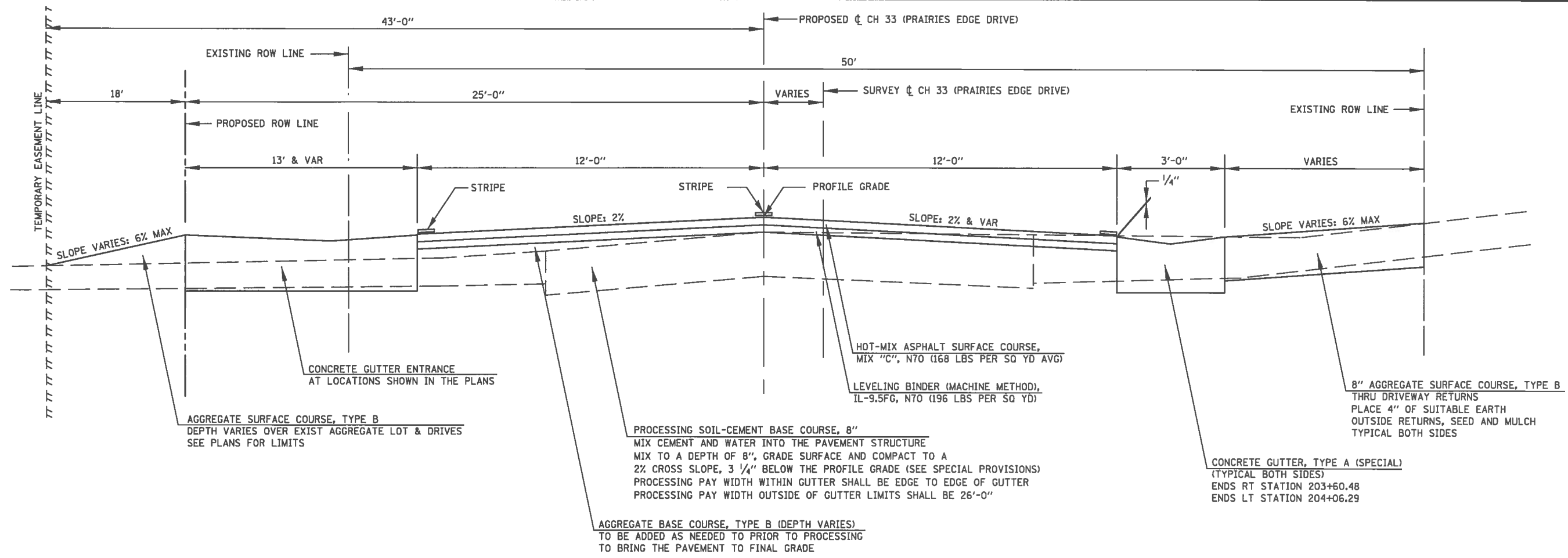
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PLOT SCALE = 48,000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

<b>PROPOSED TYPICAL SECTIONS</b>	
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<b>STATE OF ILLINOIS</b>			
<b>DEPARTMENT OF TRANSPORTATION</b>			
SCALE: NONE	SHEET 1	OF 13	SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	15
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				



③  
CH 33 (PRAIRIES EDGE DRIVE)  
② STATION 201+83.59 TO STATION 204+06.29 ④

**NOTE:**  
THE CONCRETE GUTTER ENTRANCES ARE 13' WIDE  
AT ILLINI FS AND 10' WIDE AT CARGILL  
SEE PLANS FOR LOCATIONS

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
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PLOT DATE = 1/14/2018	DATE - 12/2017	REVISED - _____

**PROPOSED TYPICAL SECTIONS**

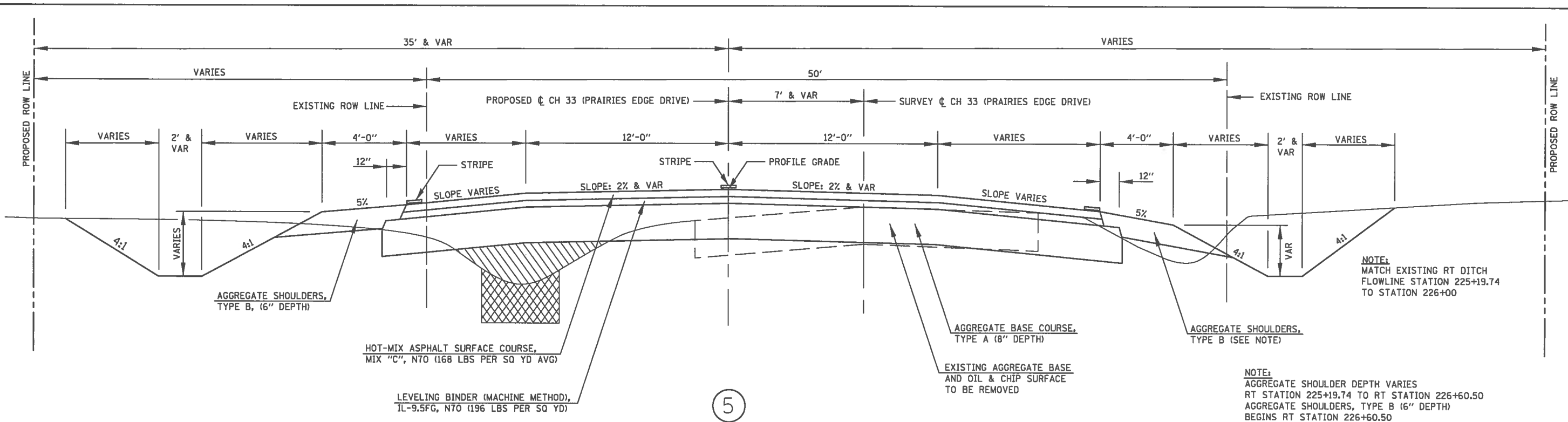
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE SHEET 2 OF 13 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	16
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

**CONTRACT NO. 91529**

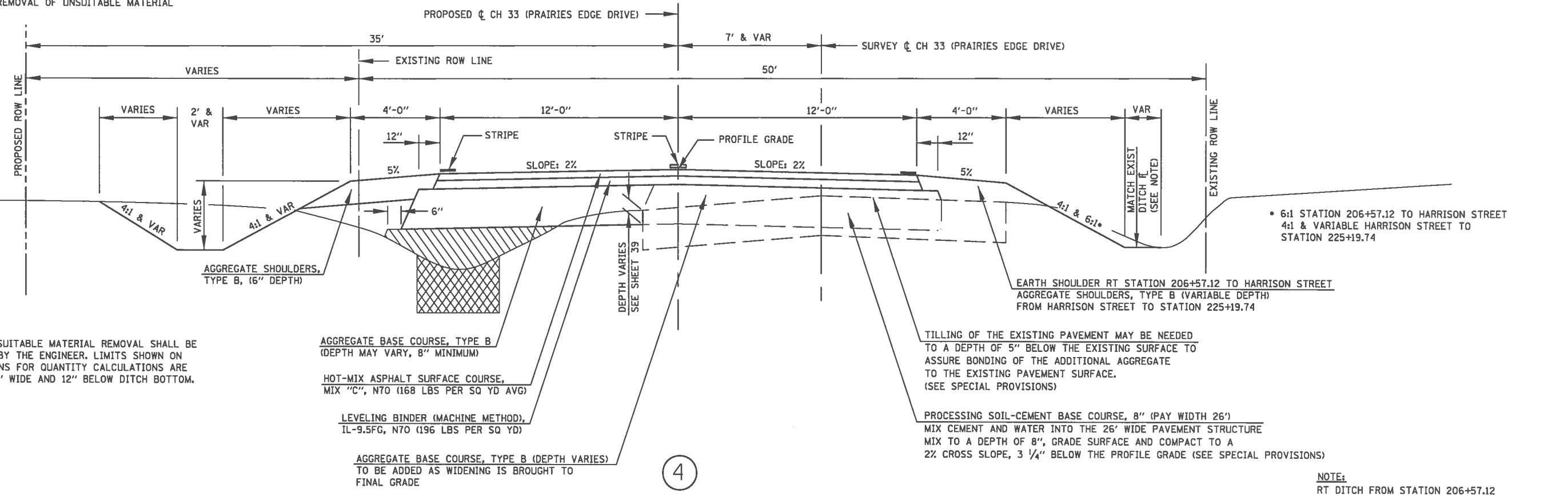




CH 33 (PRAIRIES EDGE DRIVE)  
 (4) STATION 225+19.74 TO STATION 227+08.44 SOUTH EP MAPLE RD STATION EQUATION: 227+20.53 (BACK) = 300+00 (AHEAD)

SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)

REMOVAL OF UNSUITABLE MATERIAL



CH 33 (PRAIRIES EDGE DRIVE)  
 (3) STATION 204+06.29 TO STATION 225+19.74 (5)

NOTE: LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

NOTE: 6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

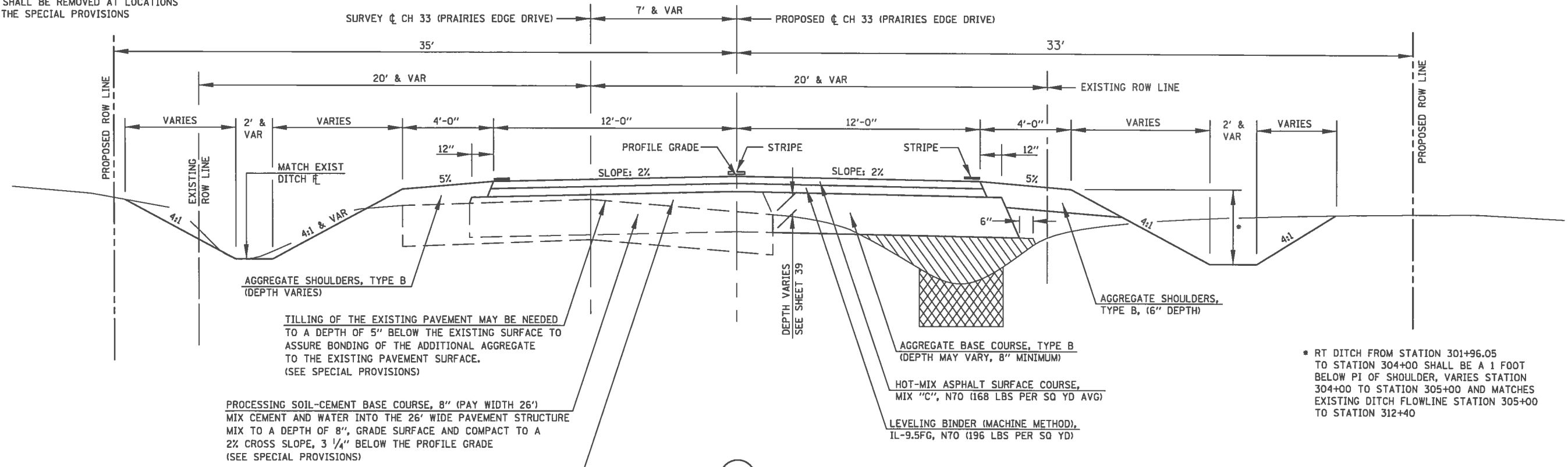
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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS				
DEPARTMENT OF TRANSPORTATION				
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	17
CONTRACT NO. 91529				
SCALE: NONE		SHEET 3 OF 13 SHEETS		
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

NOTE:  
6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS



TILLING OF THE EXISTING PAVEMENT MAY BE NEEDED TO A DEPTH OF 5" BELOW THE EXISTING SURFACE TO ASSURE BONDING OF THE ADDITIONAL AGGREGATE TO THE EXISTING PAVEMENT SURFACE. (SEE SPECIAL PROVISIONS)

PROCESSING SOIL-CEMENT BASE COURSE, 8" (PAY WIDTH 26') MIX CEMENT AND WATER INTO THE 26' WIDE PAVEMENT STRUCTURE MIX TO A DEPTH OF 8", GRADE SURFACE AND COMPACT TO A 2% CROSS SLOPE, 3 1/4" BELOW THE PROFILE GRADE (SEE SPECIAL PROVISIONS)

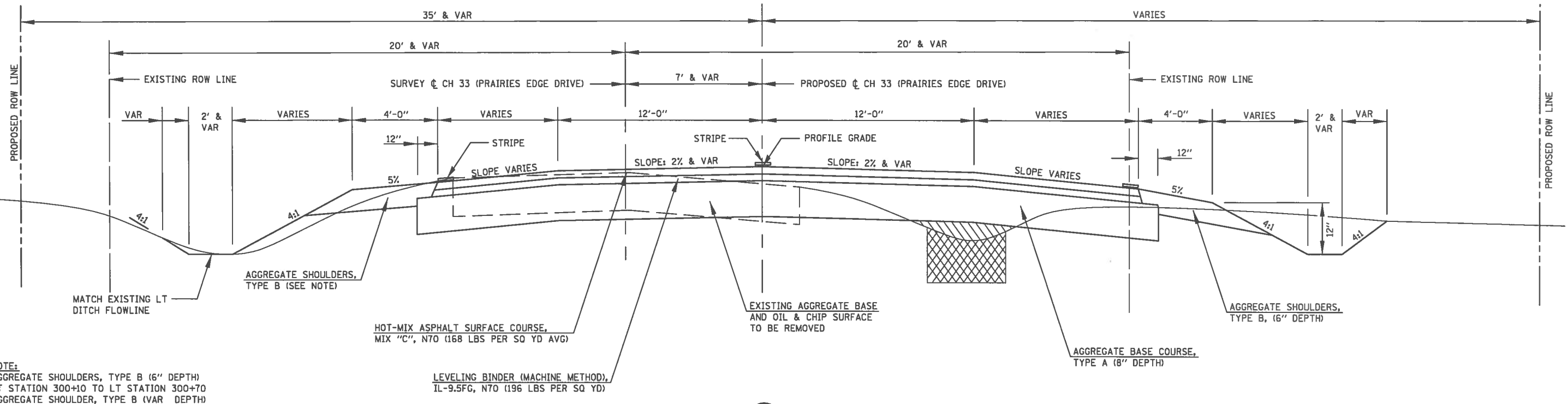
\* RT DITCH FROM STATION 301+96.05 TO STATION 304+00 SHALL BE A 1 FOOT BELOW PI OF SHOULDER, VARIES STATION 304+00 TO STATION 305+00 AND MATCHES EXISTING DITCH FLOWLINE STATION 305+00 TO STATION 312+40

SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)

REMOVAL OF UNSUITABLE MATERIAL

AGGREGATE BASE COURSE, TYPE B (DEPTH VARIES) TO BE ADDED AS WIDENING IS BROUGHT TO FINAL GRADE

7  
CH 33 (PRAIRIES EDGE DRIVE)  
6 STATION 301+96.05 TO STATION 313+00.00 8



NOTE:  
AGGREGATE SHOULDERS, TYPE B (6" DEPTH)  
LT STATION 300+10 TO LT STATION 300+70  
AGGREGATE SHOULDER, TYPE B (VAR DEPTH)  
LT STATION 300+70 TO LT STATION 301+96.05

LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 (196 LBS PER SQ YD)

6  
CH 33 (PRAIRIES EDGE DRIVE)  
STATION 300+10.00 TO STATION 301+96.05 7

NOTE:  
LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

STATION EQUATION:  
227+20.53 (BACK) = 300+00 (AHEAD)

NORTH EP MAPLE RD

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USER NAME = jmor	DESIGNED - JHM	REVISED -
DRAWN - JHM	CHECKED -	REVISED -
PLDT SCALE = 48.0000' / 1"	DATE - 08/2017	REVISED -
PLDT DATE = 1/14/2018		

PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 4 OF 13 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	18
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

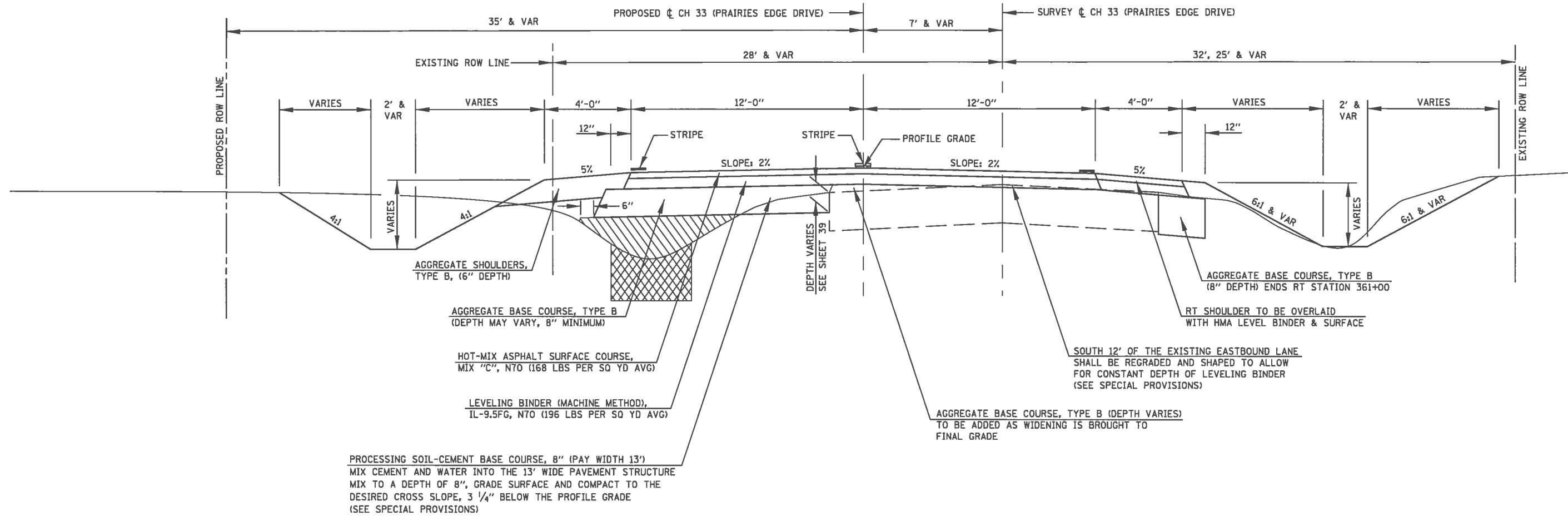




**NOTE:**  
LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

 SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)

 REMOVAL OF UNSUITABLE MATERIAL



12

CH 33 (PRAIRIES EDGE DRIVE)  
11 STATION 358+27.81 TO STATION 361+00.00 13

**NOTE:**  
6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

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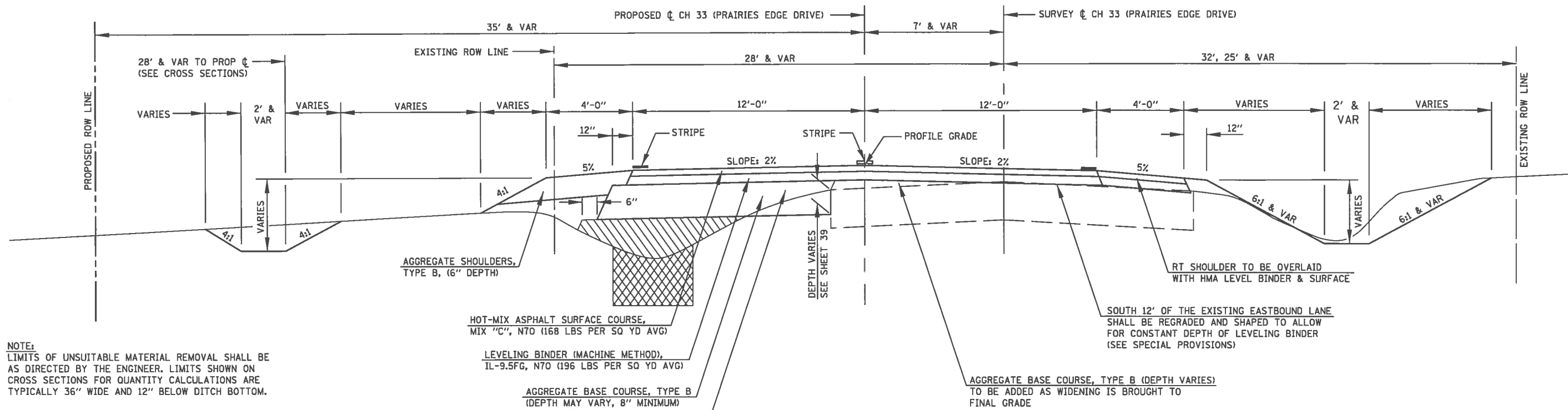
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	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 7 OF 13 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	21
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 91529	



NOTE:  
LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

- SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)
- REMOVAL OF UNSUITABLE MATERIAL

PROCESSING SOIL-CEMENT BASE COURSE, 8" (PAY WIDTH 13')  
MIX CEMENT AND WATER INTO THE 13' WIDE PAVEMENT STRUCTURE MIX TO A DEPTH OF 8", GRADE SURFACE AND COMPACT TO THE DESIRED CROSS SLOPE, 3 1/4" BELOW THE PROFILE GRADE (SEE SPECIAL PROVISIONS)

13

CH 33 (PRAIRIES EDGE DRIVE)  
12 STATION 361+00.00 TO STATION 372+73.24 14

NOTE:  
6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

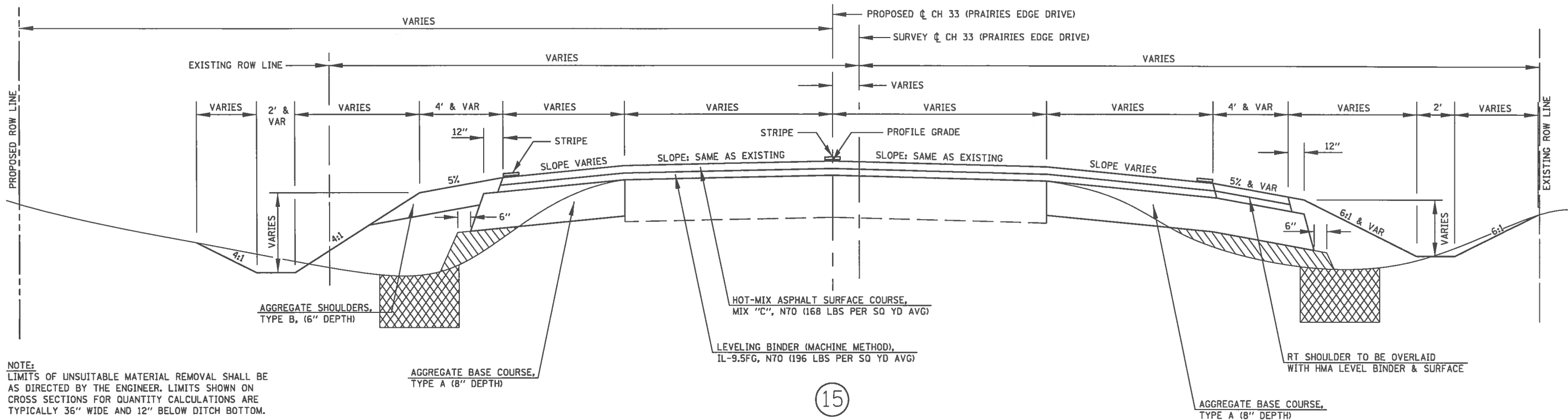
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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SCALE: NONE SHEET 8 OF 13 SHEETS

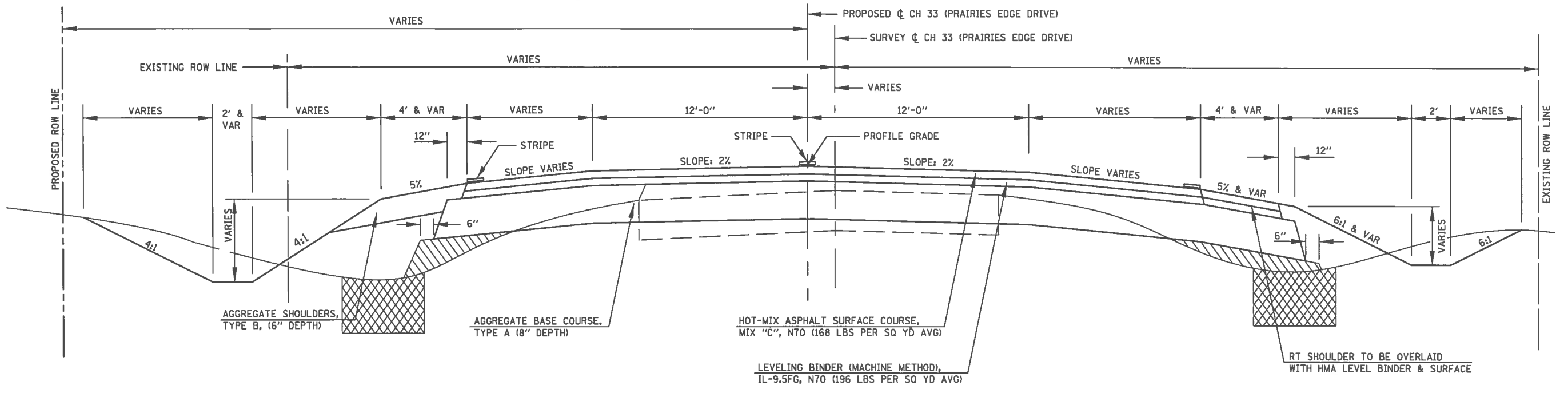
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	22
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				



NOTE:  
LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

- SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)
- REMOVAL OF UNSUITABLE MATERIAL

(15)  
CH 33 (PRAIRIES EDGE DRIVE)  
STATION 373+33.73 TO STATION 373+63.69 END SECTION



NOTE:  
6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

(14)  
CH 33 (PRAIRIES EDGE DRIVE)  
STATION 372+73.24 TO STATION 373+33.73 (15)

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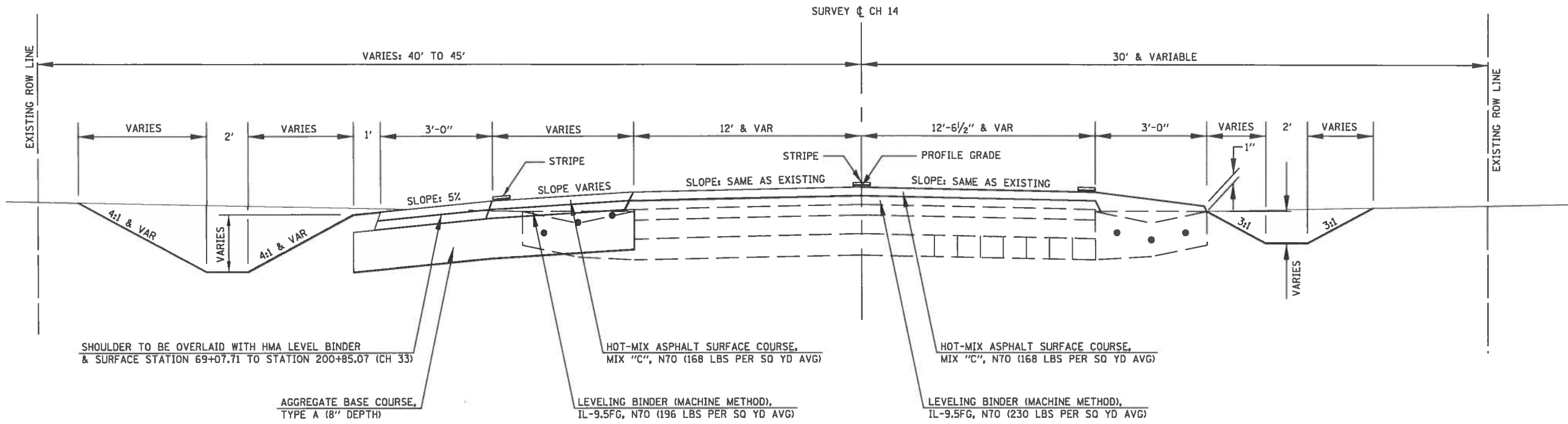
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	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

**PROPOSED TYPICAL SECTIONS**

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

SCALE: NONE    SHEET 9 OF 13 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	23
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		



17

CH 14

17 STATION 69+87.71 TO STATION 71+42.77 18

CONSTRUCT DITCH RT STATION 70+00 TO RT STATION 73+00

SHOULDER TO BE OVERLAID WITH HMA LEVEL BINDER & SURFACE STATION 69+07.71 TO STATION 200+85.07 (CH 33)

AGGREGATE BASE COURSE, TYPE A (8" DEPTH)

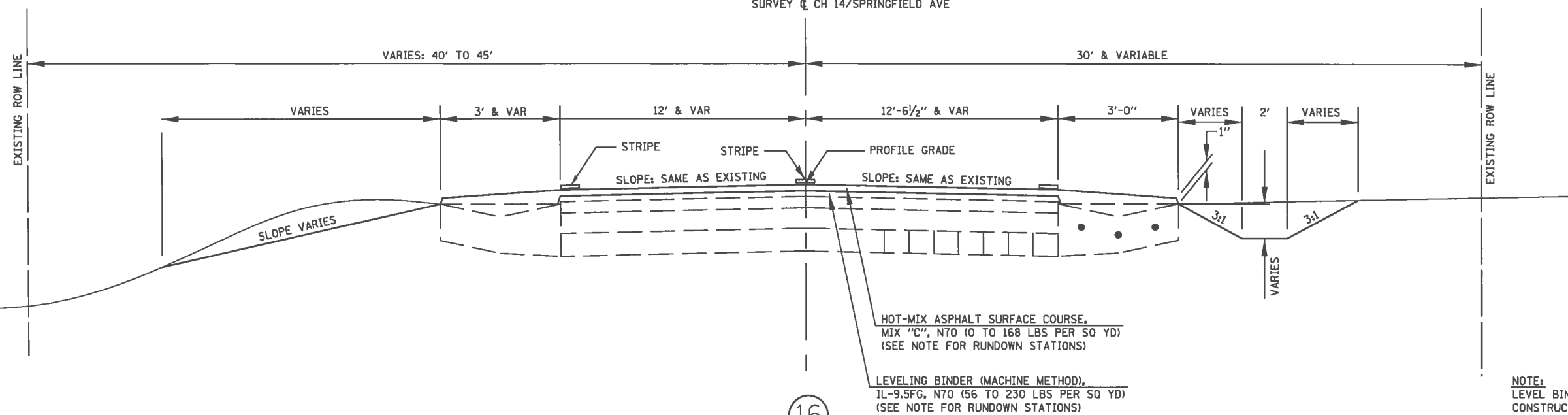
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (168 LBS PER SQ YD AVG)

LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 (196 LBS PER SQ YD AVG)

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (168 LBS PER SQ YD AVG)

LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 (230 LBS PER SQ YD AVG)

SURVEY & CH 14/SPRINGFIELD AVE



16

CH 14/SPRINGFIELD AVENUE

BEGIN CONSTRUCTION STATION 69+07.71 TO STATION 69+87.71 17

19 STATION 72+28.68 TO STATION 73+08.68 END CONSTRUCTION

NOTE:  
LEVEL BINDER RUNDOWNS  
CONSTRUCTED STATION 69+56.94  
TO STATION 69+87.71 AND STATION  
72+28.68 TO STATION 72+59.45

NOTE:  
SURFACE COURSE RUNDOWNS  
CONSTRUCTED STATION 69+07.71  
TO STATION 69+56.94 AND STATION  
72+59.45 TO STATION 73+08.68

NOTE:  
6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS  
DESIGNATED IN THE SPECIAL PROVISIONS

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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

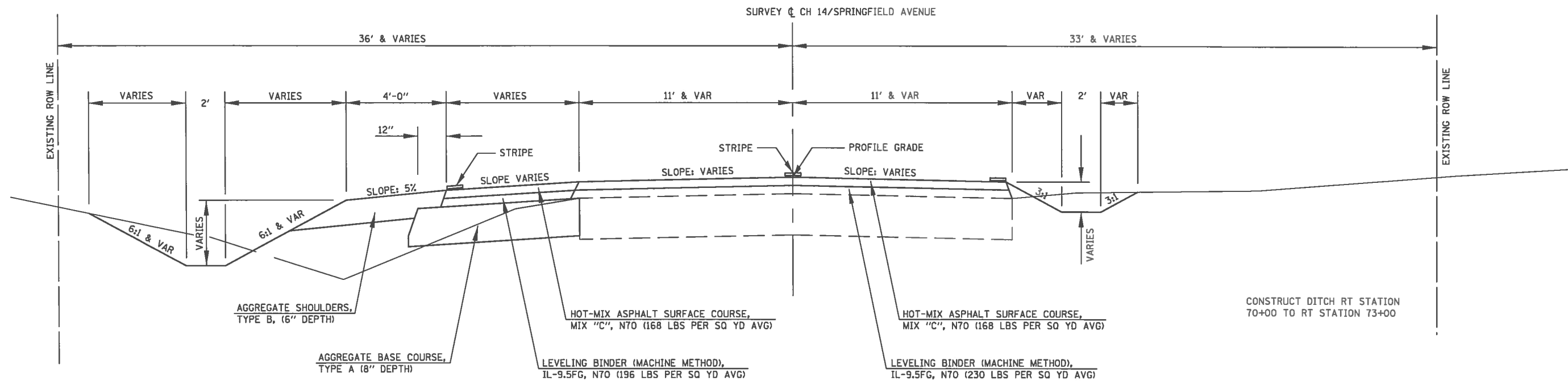
PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SCALE: NONE SHEET 10 OF 13 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	24
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				



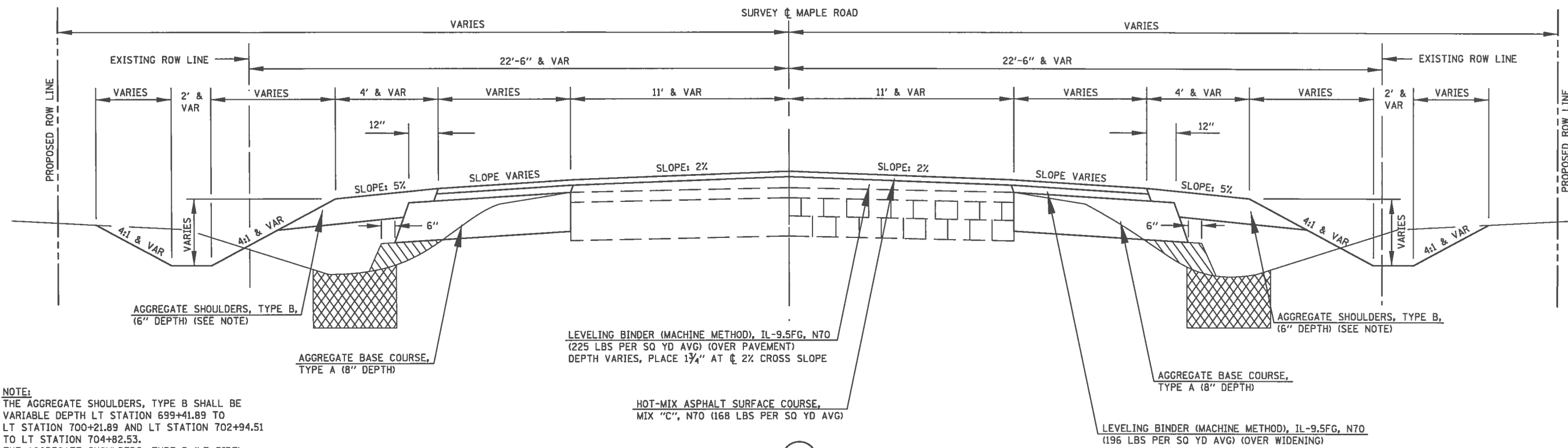
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**NOTE:**  
 6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

(18)  
 CH 14/SPRINGFIELD AVENUE  
 (17) STATION 71+42.77 TO STATION 72+28.68 (16)

	USER NAME = jmor	DESIGNED - JHM	REVISED - _____	<b>PROPOSED TYPICAL SECTIONS</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	ROUTE CH 33	SECTION 13-00121-00-WR	COUNTY EDGAR	TOTAL SHEETS 174	SHEET NO. 25
	PLOT SCALE = 48.0000' / 1" =	CHECKED - _____	REVISED - _____		SCALE: NONE	SHEET 11	OF 13	SHEETS	<b>CONTRACT NO. 91529</b>	
	PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____		EDGAR COUNTY, ILLINOIS   FED. AID PROJECT					



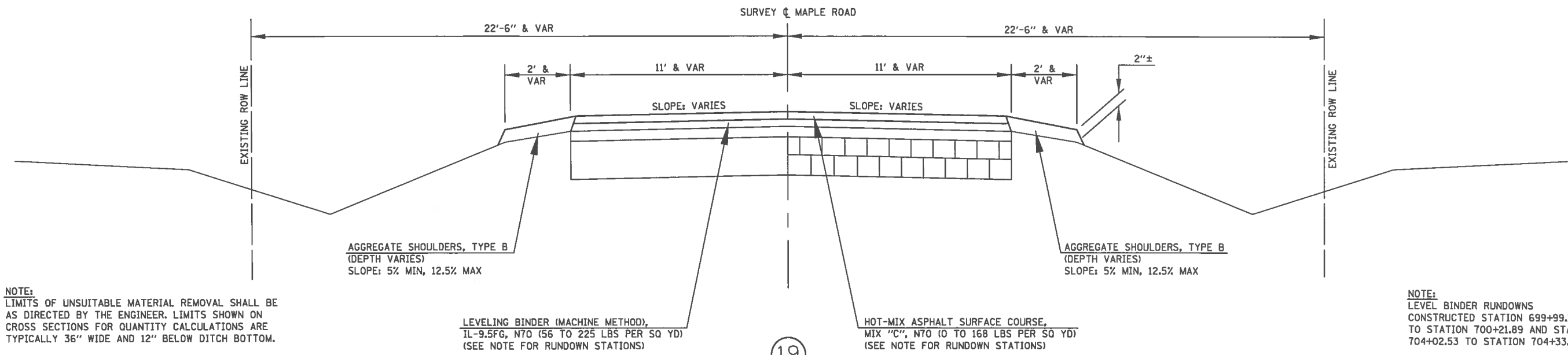
**NOTE:**  
 THE AGGREGATE SHOULDERS, TYPE B SHALL BE VARIABLE DEPTH LT STATION 699+41.89 TO LT STATION 700+21.89 AND LT STATION 702+94.51 TO LT STATION 704+82.53.  
 THE AGGREGATE SHOULDERS, TYPE B (LT SIDE) SHALL BE 6" DEPTH AT ALL OTHER LOCATIONS.

**NOTE:**  
 THE AGGREGATE SHOULDERS, TYPE B SHALL BE VARIABLE DEPTH RT STATION 701+29.80 AND RT STATION 704+02.53 TO RT STATION 704+82.53.  
 THE AGGREGATE SHOULDERS, TYPE B (RT SIDE) SHALL BE 6" DEPTH AT ALL OTHER LOCATIONS.

SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)

REMOVAL OF UNSUITABLE MATERIAL

MAPLE ROAD  
 (19) STATION 700+21.89 TO STATION 704+02.53 (19)



**NOTE:**  
 LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

**NOTE:**  
 LEVEL BINDER RUNDOWNS  
 CONSTRUCTED STATION 699+99.12 TO STATION 700+21.89 AND STATION 704+02.53 TO STATION 704+33.30

**NOTE:**  
 6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

BEGIN CONSTRUCTION STATION 699+41.89 TO STATION 700+21.89 (20)  
 (20) STATION 704+02.53 TO STATION 704+82.53 END CONSTRUCTION

**NOTE:**  
 SURFACE COURSE RUNDOWNS  
 CONSTRUCTED STATION 699+41.89 TO STATION 699+99.12 AND STATION 704+33.30 TO STATION 704+82.53

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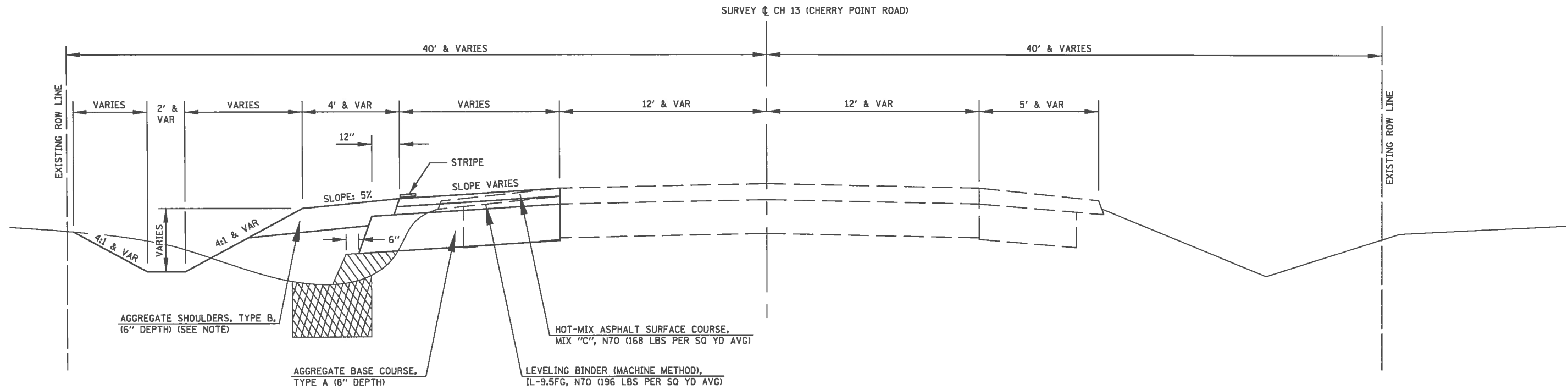
USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48,000' / in.	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 12 OF 13 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	26
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

NOTE:  
 SHOULDER TO BE OVERLAID WITH LEVEL BINDER & SURFACE  
 IN THE SOUTHWEST QUADRANT OF THE CH 33/CH 14 INTERSECTION.  
 AGGREGATE SHOULDER, TYPE B (6" DEPTH) IN THE NORTHWEST  
 QUADRANT OF THE CH 33/CH 14 INTERSECTION.



SELECT MATERIAL FROM EXCAVATION SHALL BE PLACED UNDER THE WIDENING. (SEE SPECIAL PROVISIONS)

REMOVAL OF UNSUITABLE MATERIAL

NOTE:  
 LIMITS OF UNSUITABLE MATERIAL REMOVAL SHALL BE AS DIRECTED BY THE ENGINEER. LIMITS SHOWN ON CROSS SECTIONS FOR QUANTITY CALCULATIONS ARE TYPICALLY 36" WIDE AND 12" BELOW DITCH BOTTOM.

21

BEGIN CONSTRUCTION CH 13 (CHERRY POINT ROAD) STATION 48+16.56 TO STATION 71+43.53 END CONSTRUCTION

STATION EQUATION:  
 STATION 49+46.91 (BACK) =  
 STATION 71+00 (AHEAD)

NOTE:  
 6" OF TOPSOIL SHALL BE REMOVED AT LOCATIONS DESIGNATED IN THE SPECIAL PROVISIONS

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

PROPOSED TYPICAL SECTIONS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	27
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 91529

SCALE: NONE SHEET 13 OF 13 SHEETS

TREE REMOVAL	
	20100210
	TREE REMOVAL (OVER 15 UNITS DIAMETER)
LOCATION	UNIT
SEGMENT 1	
RT 700+62.32 (MAPLE RD)	31
RT 701+15.80 (MAPLE RD)	29

SEGMENT 1 & PROJECT TOTAL 60 UNIT

EARTHWORK ANALYSIS					
STATION	TO	STATION	20200100	NO PAY	NO PAY
			EARTH EXCAVATION	EMBANKMENT	WASTE
SEGMENT 1 CH 14 TO MAPLE ROAD					
LT 66+00 (CH 14)		RT 699+41.89 (MAPLE RD)	978	481	353
LT 72+40 (SPRINGFIELD AVE)		RT 705+00 (MAPLE RD)	645	106	507
RT 70+00 (SPRINGFIELD AVE)		RT 73+38.87 (SPRINGFIELD AVE)	62	1	61

SUB TOTALS 1,685 587 713 (1)  
CU YDS CU YDS CU YDS

SEGMENT 1 MAPLE ROAD TO STATION 319+00

LT 699+41.89 (MAPLE RD)	LT 319+00 (CH 33)	201	97	75
LT 704+82.53 (MAPLE RD)	RT 319+00 (CH 33)	393	160	185

SUB TOTALS 594 257 145 (2)  
CU YDS CU YDS CU YDS

SEGMENT 2 STATION 319+00 TO 1100th ROAD

LT 319+00 (CH 33)	LT 358+27.81 (CH 33)	855	749	-119
RT 319+00 (CH 33)	RT 358+27.81 (CH 33)	1,077	283	709

SUB TOTALS 1,932 1,032 471 (3)  
CU YDS CU YDS CU YDS

SEGMENT 2 1100th ROAD TO CH 13

LT 358+27.81 (CH 33)	LT 71+50 (CH 13)	303	184	64
RT 358+27.81 (CH 33)	LT 48+00 (CH 13)	247	71	155

SUB TOTALS 550 255 100 (4)  
CU YDS CU YDS CU YDS

PROJECT TOTALS 4,761 2,131 1,429 (5)  
CU YDS CU YDS CU YDS

WASTE = CUT - (FILL x 1.30)  
SHRINKAGE / LOSS FACTOR = 30%

- (1) 209 CU YDS OF THIS WASTE IS AGGREGATE THAT WILL BE USED FOR SELECT EMBANKMENT
- (2) 115 CU YDS OF THIS WASTE IS AGGREGATE THAT WILL BE USED FOR SELECT EMBANKMENT
- (3) USE 119 CU YDS OF THIS WASTE TO BALANCE THE LEFT SIDE WITHIN THESE LIMITS
- (2) 134 CU YDS OF THIS WASTE IS AGGREGATE THAT WILL BE USED FOR SELECT EMBANKMENT
- (5) ANY SUITABLE WASTE EXCAVATION SHALL BE USED FOR SELECT EMBANKMENT (SEE SPECIAL PROVISIONS)

REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL					
					20201200
					REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
STATION	TO	STATION	LENGTH	AVG END AREA	CU YD
SEGMENT 1					
LT 204+75 (CH 33)		LT 226+75 (CH 33)	2,200.00	3.792 AVG END AREA	309
RT 300+50 (CH 33)		RT 319+00 (CH 33)	1,850.00	3.255 AVG END AREA	223
MAPLE ROAD					32
TOTAL SEGMENT 1					564

SEGMENT 2					
RT 319+00 (CH 33)		RT 326+00 (CH 33)	700.00	3.471 AVG END AREA	90
LT 325+00 (CH 33)		LT 353+00 (CH 33)	2,800.00	3.529 AVG END AREA	366
RT 353+00 (CH 33)		RT 357+00 (CH 33)	400.00	3.24 AVG END AREA	48
LT 357+00 (CH 33)		TO CH 13	1,659	3.50 AVG END AREA	215

TOTAL SEGMENT 2 719  
PROJECT TOTAL 1,283 CU YD

GRANULAR EMBANKMENT, SPECIAL				
LOCATION	MATERIAL NEEDED	MATERIAL AVAILABLE FROM EXCAVATION	ADDITIONAL MATERIAL NEEDED	21000300
				GRANULAR EMBANKMENT, SPECIAL
	CU YD	CU YD	CU YD	TON
SEGMENT 1				
SEGMENT 1 205+00 TO MAPLE ROAD INTERSECTION EXCAVATION	1,070	209	861	1,715
SEGMENT 1 205+00 TO MAPLE ROAD SUITABLE EXCAVATION		357	-357	-710
SEGMENT 1 MAPLE ROAD TO 319+00 INTERSECTION EXCAVATION	516	115	401	799
SEGMENT 1 MAPLE ROAD TO 319+00 SUITABLE EXCAVATION		73	-73	-144
TOTAL SEGMENT 1 1,659				

SEGMENT 2				
319+00 TO 1100th ROAD	1,249		1,249	2,487
319+00 TO 1100th ROAD SUITABLE EXCAVATION		155	-155	-310
1100th ROAD TO CH 13 INTERSECTION EXCAVATION	772	134	638	1,271
1100th ROAD TO CH 13 SUITABLE EXCAVATION		84	-84	-168
SEWER TRENCH WASTE		489	-489	-974
DIRECTIONAL BORE WASTE		8	-8	-16

TOTAL SEGMENT 2 2,291  
PROJECT TOTAL 3,950 TON

ASSUME 1.90 TONS PER CUBIC YARD

RIPRAP AND FILTER FABRIC						
STATION	TO	STATION	RIPRAP DEPTH INCHES	28100805	28100807	28200200
				STONE DUMPED RIPRAP, CLASS A-3	STONE DUMPED RIPRAP, CLASS A-4	FILTER FABRIC
				TON	TON	SQ YD
SEGMENT 2						
LT 321+77.23 (CH 33)		LT 322+00 (CH 33)	12	18.6		29.06
LT 357+85		LT 357+90	18	7.2		7.48
LT 357+90		LT 358+00	18	14.2		14.79
RT 82+35.63 (CH 13)		RT 82+51.44 (CH 13)	18		18.0	20.56
SEGMENT 2 & PROJECT TOTALS				40	18	72
				TON	TON	SQ YD

ASSUME: 1.80 TON PER CUBIC YARD CLASS A-3  
ASSUME: 1.70 TON PER CUBIC YARD CLASS A-4

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.8888' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

SCHEDULE OF QUANTITIES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	28
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

SCALE: NONE SHEET 1 OF 11 SHEETS



AGGREGATE BASE COURSE						
					35101100	35101400
					AGGREGATE BASE COURSE, TYPE A	AGGREGATE BASE COURSE, TYPE B
STATION	TO	STATION	LENGTH	WIDTH	TON	TON
SEGMENT 1						
200+12 (CH 33)		201+83.59 (CH 33)	AREA FROM PLANS		499.7	
201+83.59 (CH 33)		203+50 (CH 33)	166.41	1.731 AVG END AREA		22.4
203+50 (CH 33)		205+54.53 (CH 33)	204.53	6.62 AVG END AREA		105.3
RT 205+12.23 (CH 33) BROOM STREET RETURN			AREA FROM PLANS		76.7	
205+54.53 (CH 33)		225+19.74 (CH 33)	1,965.21	11.604 END AREA		1,773.3
225+19.74 (CH 33)		227+08.44 (CH 33)	AREA FROM PLANS		506.0	
300+10 (CH 33)		301+96.05 (CH 33)	AREA FROM PLANS		506.7	
301+96.05 (CH 33)		312+00 (CH 33)	1,003.95	9.7475 END AREA		761.0
312+00 (CH 33)		319+00 (CH 33)	700.00	24.297 AVG END AREA		1,322.6
RT 313+63.50 (CH 33)		RT 314+37.50 (CH 33)	74.00	3.50		13.4
TOTALS SEGMENT 1					1,589	3,998
SEGMENT 2						
319+00 (CH 33)		325+00 (CH 33)	600.00	17.467 AVG END AREA		815.0
325+00 (CH 33)		326+50 (CH 33)	150.00	7.8333 AVG END AREA		91.4
326+50 (CH 33)		352+00 (CH 33)	2,550.00	10.997 AVG END AREA		2,180.7
352+00 (CH 33)		355+00 (CH 33)	300.00	22.75 AVG END AREA		530.7
355+00 (CH 33)		358+27.81 (CH 33)	327.81	14.704 AVG END AREA		374.8
LT 353+20.83 (CH 33) 1100th ROAD RETURN			46.00	45.30 END AREA		162.0
358+27.81 (CH 33)		372+73.24 (CH 33)	1,445.43	12.165 END AREA		1,367.4
372+73.24 (CH 33)		373+63.69 (CH 33)	AREA FROM PLANS		250.9	
TOTALS SEGMENT 2					251	5,522
PROJECT TOTALS					1,840	9,520

ASSUME: 2.05 TON PER CU YD AGGREGATE BASE COURSE, TYPE A  
 ASSUME: 2.0 TON PER CU YD AGGREGATE BASE COURSE, TYPE B

PROCESSING SOIL CEMENT BASE COURSE						
					35200300	35200500
					PROCESSING SOIL CEMENT BASE COURSE, 8"	CEMENT
STATION	TO	STATION	LENGTH	WIDTH	SQ YD	100/WT
SEGMENT 1						
201+83.59		203+60.48	176.89	24.00	471.71	235.9
203+60.48		204+06.29	45.81	25.00	127.25	63.6
204+06.29		225+19.74	2,113.45	26.00	6,105.52	3,052.8
301+96.05		319+00	1,703.95	26.00	4,922.52	2,461.3
TOTALS SEGMENT 1					11,627	5,814
SEGMENT 2						
319+00		358+27.81	3,927.81	26.00	11,347.01	5,673.5
LT 358+27.81		LT 372+73.24	1,445.43	13.00	2,087.84	1,043.9
TOTALS SEGMENT 2					13,435	6,717
PROJECT TOTALS					25,062	12,531
					SQ YD	100/WT

ASSUME: 50 POUNDS OF CEMENT PER SQUARE YARDS PROCESSED

PREPARATION OF BASE AND AGGREGATE BASE REPAIR					
			ASSUMED PERCENT OF AREA TO BE PREPARED	35800100	35800200
			PERCENT	PREPARATION OF BASE	AGGREGATE BASE REPAIR
LOCATION	LENGTH / WIDTH			SQ YD	TON
SEGMENT 1					
ASSUME 50% OF THE AGG BASE 200+12 TO 201+83.59 WILL NEED REPAIRED			50	523.4	10.0
RT 205+12.23 (CH 33) BROOM STREET RETURN	AREA FROM PLANS		100	149.6	5.4
RT 209+85.04 (CH 33) HARRISON STREET RETURN	AREA FROM PLANS		100	107.5	5.5
AGG BASE 201+83.59 TO 225+19.74	AREA FROM PLANS		50		49.2
AGG BASE 225+19.74 TO 227+08.44	AREA FROM PLANS		50	530.0	20.5
AGG BASE 300+10 TO 301+96.05	AREA FROM PLANS		50	530.7	20.3
AGG BASE 313+00 TO 319+00	600.00 / 26.00		50		65.6
PE LT 313+24.75 (CH 33)	AREA FROM PLANS		100	133.6	3.3
PE LT 314+08.15 (CH 33)	AREA FROM PLANS		100	36.6	3.3
TOTALS SEGMENT 1				2,011	183
SEGMENT 2					
MAILBOX TURNOUT RT 341+86.59 TO RT 342+72.05 (CH 33)	85.46 / 4.14		100	39.3	2.2
PE RT 342+51.15 (CH 33)	AREA FROM PLANS		100	56.0	3.3
LT 353+20.83 (CH 33) 1100th ROAD RETURN	AREA FROM PLANS		100	254.3	10.9
AGG BASE 352+00 TO 357+00	500 / 26		50	722.2	54.6
AGG BASE 357+00 TO 372+73.24	1,537.24 / 26		50	1,708.0	199.8
AGG BASE 372+73.24 TO CH 13	AREA FROM PLANS		50	127.4	10.0
PE RT 358+38.76 (CH 33)	AREA FROM PLANS		100	62.5	3.3
PE RT 359+65.79 (CH 33)	AREA FROM PLANS		100	83.0	3.3
PE RT 361+46.58 (CH 33)	AREA FROM PLANS		100	70.9	3.3
PE RT 363+20.92 (CH 33)	AREA FROM PLANS		100	68.0	3.3
PE RT 363+75.89 (CH 33)	AREA FROM PLANS		100	42.1	3.3
PE RT 364+88.55 (CH 33)	AREA FROM PLANS		100	30.2	3.3
PE RT 365+99.82 (CH 33)	AREA FROM PLANS		100	48.2	3.3
PE RT 366+78.40 (CH 33)	AREA FROM PLANS		100	39.5	3.3
PE RT 368+79.77 (CH 33)	AREA FROM PLANS		100	61.1	3.3
PE RT 371+14.89 (CH 33)	AREA FROM PLANS		100	46.6	3.3
PE RT 372+84.39 (CH 33)	AREA FROM PLANS		100	44.9	3.3
TOTALS SEGMENT 2				3,504	317
PROJECT TOTALS				5,516	500
				SQ YD	TON

ASSUMED:  
 5 TON BROOM & HARRISON STREET RETURNS  
 10 TON 1100th ROAD RETURN  
 3 TON PER ENTRANCE  
 2 TON PER MAILBOX TURNOUT  
 10 TON PER STATION ON CH 33 AGGREGATE PAVEMENT

GRADING AND SHAPING SPECIAL					
					X0100002
					GRADING AND SHAPING SPECIAL
STATION	TO	STATION	LENGTH	WIDTH	SQ YD
SEGMENT 2					
358+27.81 (CH 33)		372+73.24 (CH 33)	1,445.43	12.00	1,927
SEGMENT 2 & PROJECT TOTAL					1,927
					SQ YD

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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

SCHEDULE OF QUANTITIES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 3	OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	30
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

AGGREGATE SURFACE COURSE						
						40200800
						DEPTH
						AGGREGATE SURFACE COURSE, TYPE B
STATION	TO	STATION	LENGTH	WIDTH	INCHES	TON
SEGMENT 1						
LT 201+60.20 (CH 33)		LT 202+66.12 (CH 33)	105.92	18.00	4" AVG	48.2
LT 202+75.50 (CH 33)		LT 203+85.02 (CH 33)	109.52	18.00	4" AVG	49.9
RT 201+79.00 (CH 33)		RT 202+33.21 (CH 33)	54.2+39.2/2	10.8+11.2/2	8"	25.8
RT 202+79.65 (CH 33)		RT 203+29.93 (CH 33)	50.3+44.4/2	9.9+10.3/2	8"	24.2
RT 203+29.93 (CH 33)		RT 203+48.48 (CH 33)	FROM PLANS	FROM PLANS	8"	10.5
RT 205+25.47 (CH 33)		RT 205+60.12 (CH 33)	34.65	2/3 x 18.93	4" AVG	16.6
RT 205+60.12 (CH 33)		RT 206+57.12 (CH 33)	97.00	18.93	4" AVG	46.5
LT 209+88.78 (CH 33)			FROM PLANS	FROM PLANS	6"	22.7
LT 213+38.97 (CH 33)			FROM PLANS	FROM PLANS	6"	40.0
RT 226+31.16 (CH 33)			FROM PLANS	FROM PLANS	6"	21.1
LT 226+29.16 (CH 33)			FROM PLANS	FROM PLANS	6"	21.5
RT 312+70.55 (CH 33)			FROM PLANS	FROM PLANS	6"	20.5
RT 317+63.21 (CH 33)			FROM PLANS	FROM PLANS	6"	24.5
LT 317+63.10 (CH 33)		ENTRANCE WIDENING	FROM PLANS	FROM PLANS	8"	1.4
TOTAL SEGMENT 1						373

SEGMENT 2						
LT 321+35.56 (CH 33)		ENTRANCE WIDENING	AREA FROM PLANS	8"	3.6	
RT 326+50.30 (CH 33)			AREA FROM PLANS	6"	21.8	
LT 326+58.36 (CH 33)			AREA FROM PLANS	6"	25.5	
RT 332+97.28 (CH 33)			AREA FROM PLANS	6"	22.6	
LT 333+18.40 (CH 33)			AREA FROM PLANS	6"	24.1	
RT 352+51.52 (CH 33)			AREA FROM PLANS	6"	35.8	
LT 356+21.58 (CH 33)			AREA FROM PLANS	6"	21.7	
RT 365+99.82 (CH 33)		ENTRANCE WIDENING	AREA FROM PLANS	6"	1.2	
RT 372+84.39 (CH 33)		ENTRANCE WIDENING	AREA FROM PLANS	6"	0.4	
TOTAL SEGMENT 2						157

ASSUME: 1.95 TON PER CUBIC YARD

PROJECT TOTAL 530 TON

AGGREGATE FOR TEMPORARY ACCESS						
						40201000
						AVERAGE DEPTH
						AGGREGATE FOR TEMPORARY ACCESS
STATION	TO	STATION	LENGTH	WIDTH	INCHES	TON
SEGMENT 1						
BROOM STREET			41.00	5.40	1 5/8" AVG	2.1
226+97.64		227+08.44 (CH 33)	172.00	5.40	1 5/8" AVG	9.0
300+10		300+20.80 (CH 33)	180.00	5.40	1 5/8" AVG	9.4
CE LT 317+63.10 (CH 33)			142.00	5.40	1 5/8" AVG	7.4
TOTAL SEGMENT 1						28
SEGMENT 2						
CE LT 321+34.56 (CH 33)			145.00	5.40	1 5/8" AVG	7.6
1100th ROAD			23.00	5.40	1 5/8" AVG	1.2
LT 373+52.89		LT 373+63.69 (CH 33)	27.00	5.40	1 5/8" AVG	1.4
RT 373+52.89		RT 373+63.69 (CH 33)	34.00	5.40	1 5/8" AVG	1.8
TOTAL SEGMENT 2						12
PROJECT TOTAL						40

ASSUME: 1.9 TON PER CUBIC YARD

HMA SURFACE REMOVAL AND TEMPORARY RAMP								
						40600982	44000157	40600990
						HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	TEMPORARY RAMP
STATION	TO	STATION	LENGTH	WIDTH		SQ YD	SQ YD	SQ YD
SEGMENT 2								
373+42.88 (CH 33)		373+63.67 (CH 33)	20.79	VAR		117		
373+58.67 (CH 33)		373+63.67 (CH 33)	123.00	5.00				68
RT 372+84.39 (CH 33)			AREA FROM PLANS				44	

SEGMENT 2 & PROJECT TOTALS

117 SQ YD 44 SQ YD 68 SQ YD

CLASS SI CONCRETE (OUTLET)						
						60600095
						CLASS SI CONCRETE (OUTLET)
LOCATION	TO	LOCATION	DESCRIPTION	SQ FT END AREA	LENGTH	CU YD
SEGMENT 1						
LT 202+06.11			GUTTER ENTRANCE			
SECTION A-A		SECTION E-E		2.375+9.17/2	14.28	3.05
SECTION E-E		SECTION F-F		9.17	45.57	15.48
SECTION F-F		SECTION D-D		9.17+2.375/2	14.28	3.05
LT 203+35.23			GUTTER ENTRANCE			
SECTION A-A		SECTION E-E		2.375+9.17/2	14.28	3.05
SECTION E-E		SECTION F-F		9.17	45.57	15.48
SECTION F-F		SECTION D-D		9.17+2.375/2	14.28	3.06
RT 202+06.11			GUTTER ENTRANCE			
SECTION A-A		SECTION E-E		2.375+7.16/2	7.02	1.24
SECTION E-E		SECTION F-F		7.16	54.21	14.38
SECTION F-F		SECTION D-D		7.16+2.375/2	7.14	1.26
RT 203+04.97			GUTTER ENTRANCE			
SECTION A-A		SECTION E-E		2.375+7.16/2	9.99	1.76
SECTION E-E		SECTION F-F		7.16	50.28	13.33
SECTION F-F		SECTION D-D		7.16+2.375/2	10	1.77
LT 200+60.70 TO LT 201+08.90			GUTTER OUTLET			
SECTION A-A		SECTION B-B		2.00	2.22	0.16
SECTION B-B		SECTION B-B		2.00	28.33	2.10
SECTION B-B		SECTION C-C		2.00+2.28/2	6.05	0.48
SECTION C-C		SECTION E-E		7.54+2.375/2	22.48	3.48
RT 200+60.96 TO RT 201+08.10			GUTTER OUTLET			
SECTION A-A		SECTION B-B		2.00	1.93	0.14
SECTION B-B		SECTION B-B		2.00	18.5	1.37
SECTION B-B		SECTION D-D		2.00+2.334/2	8.59	0.69
SECTION D-D		SECTION E-E		7.9475+2.375/2	25.98	4.34
RT 203+48.48 TO RT 203+60.48			GUTTER INLET			
SECTION A-A		SECTION B-B		2.375+2.985/2	6.00	0.60
SECTION B-B		SECTION C-C		2.985+4.95/2	6.00	0.88
LT 203+74.29 TO LT 204+06.29			GUTTER INLET			
SECTION A-A		SECTION B-B		2.375+2.985/2	6.00	0.60
SECTION B-B		SECTION C-C		2.985+4.95/2	6.00	0.88

SEGMENT 1 & PROJECT TOTAL

92.6 CU YD

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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

SCHEDULE OF QUANTITIES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 4 OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	31
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

HMA LEVEL BINDER AND SURFACE COURSE								
				40600275	40600290	40600637	40603315	
				BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	
STATION	TO	STATION	LENGTH	WIDTH	POUND	POUND	TON	
<b>SEGMENT 1</b>								
69+07.71 (CH 14)		69+87.71 (CH 14)	80.00	31' & VAR		50.08	7.95	
69+87.71 (CH 14)		72+28.68 (SPRINGFIELD AVE)	240.97	27.5' & VAR		347.93	88.87	
72+28.68 (SPRINGFIELD AVE)		73+08.68 (SPRINGFIELD AVE)	80.00	21' & VAR		35.54	5.64	
69+56.94		69+87.71	30.77	31' & VAR		25.04		
69+87.71		72+28.68	240.97	27.5' & VAR		173.97		
72+28.68		72+59.45	30.77	22' & VAR		17.77		
200+12 (CH 33)		201+83.59 (CH 33)	AREA FROM PLANS		2,355.2	240.9	106.17	
201+83.59 (CH 33)		203+50 (CH 33)	166.41	24.00	998.5	104.8	45.65	
203+50 (CH 33)		205+54.53 (CH 33)	204.53	25.00	1,278.3	131.0	56.57	
205+54.53 (CH 33)		225+19.74 (CH 33)	1,965.21	26.00	12,774.0	1,258.8	548.04	
225+19.74 (CH 33)		227+08.44 (CH 33)	AREA FROM PLANS		2,385.2	236.1	102.80	
699+41.89 (MAPLE RD)		700+21.89 (MAPLE RD)	80.00	22.00		92.4	5.55	
700+21.89 (MAPLE RD)		704+02.53 (MAPLE RD)	380.64	22.00		439.7	109.87	
704+02.53 (MAPLE RD)		704+82.53 (MAPLE RD)	80.00	22.00		92.4	5.55	
699+99.12 (MAPLE RD)		700+21.89 (MAPLE RD)	30.77	22.00		17.8		
700+21.89 (MAPLE RD)		704+02.53 (MAPLE RD)	380.64	22.00		219.8		
704+02.53 (MAPLE RD)		704+33.30 (MAPLE RD)	30.77	22.00		17.8		
300+10 (CH 33)		301+96.05 (CH 33)	AREA FROM PLANS		2,388.2	236.6	103.01	
301+96.05 (CH 33)		319+00 (CH 33)	1,703.95	26.00	11,075.8	1,091.5	475.18	
TOTALS SEGMENT 1					33,255	4,830	1,661	1,398

<b>SEGMENT 2</b>								
STATION	TO	STATION	LENGTH	WIDTH	POUND	POUND	TON	
319+00 (CH 33)		352+00 (CH 33)	3,300.00	26.00	21,450.3	2,113.8	920.27	
352+00 (CH 33)		358+27.81 (CH 33)	627.81	30.00	4,708.6	468.1	203.78	
358+27.81 (CH 33)		372+50 (CH 33)	1,422.19	30.00	10,666.6	1,060.3	461.62	
372+50 (CH 33)		373+63.69 (CH 33)	AREA FROM PLANS		1,344.3	134.9	73.49	
373+63.69 (CH 33)		373+63.69 (CH 33)	AREA FROM PLANS		67.7			
TOTALS SEGMENT 2					38,170	3,845	1,659	1,402
PROJECT TOTALS					71,425	8,675	3,320	2,800

**PRIME COAT**  
 ASSUME 0.25 POUND PER SQ FT ON AGGREGATE

**TACK COAT**  
 ASSUME 0.05 POUND PER SQ FT ON CH 14, MAPLE ROAD AND EXISTING RETURN AT CH 13  
 ASSUME 0.025 POUND PER SQ FT FOG COAT ON LEVELING BINDER

UTILITY FACILITIES TO BE ADJUSTED			
		56109210	56500300
		WATER VALVES TO BE ADJUSTED	DOMESTIC METER VAULTS TO BE ADJUSTED
STATION	APPROXIMATE ADJUSTMENT	EACH	EACH
<b>SEGMENT 1</b>			
11.26' LT 203+88.23 (CH 33)	3 1/2" UP	1	
23.93' RT 209+71.23 (CH 33)	1 3/4" UP	1	
35.22' RT 226+73.63 (CH 33)	8" DOWN	1	
36.86' RT 226+76.67 (CH 33)	8" DOWN	1	
34.50' RT 226+79.60 (CH 33)	8" DOWN	1	
TOTALS SEGMENT 1		5	0
<b>SEGMENT 2</b>			
29' RT 358+87.40 (CH 33)	5" UP		1
31.56' RT 360+26.20 (CH 33)	2" UP		1
TOTALS SEGMENT 2		0	2
PROJECT TOTALS		5	2
		EACH	EACH

UTILITY FACILITIES TO BE MOVED			
		56400800	56500100
		FIRE HYDRANT AND VALVE TO BE MOVED	DOMESTIC METER VAULTS TO BE MOVED
MOVE FROM	MOVE TO	EACH	EACH
<b>SEGMENT 1</b>			
21.49' LT 226+92.87 (CH 33)	47' LT 226+94.2 +/- (CH 33)		1
15.23' RT 313+21.06 (CH 33)	32' RT 313+21.06 (CH 33)	1	
TOTALS SEGMENT 1		1	1
<b>SEGMENT 2</b>			
29.04' RT 361+10.76 (CH 33)	37' RT 361+12 +/- (CH 33)		1
29.68' RT 362+68.24 (CH 33)	37' RT 362+68 +/- (CH 33)		1
TOTALS SEGMENT 2		0	2
PROJECT TOTALS		1	3
		EACH	EACH

MANHOLES TO BE ADJUSTED			
		60255800	
		MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	
STATION	EXISTING TG	PROPOSED TG	EACH
<b>SEGMENT 1</b>			
1.4' RT 201+90 (CH 33)	736.35	736.42	1
5.2' RT 205+09.2 (CH 33)	734.46	733.92	1
SEGMENT 1 & PROJECT TOTAL		2	EACH

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AGGREGATE SHOULDERS, TYPE B				
				48101200
				AGGREGATE SHOULDERS, TYPE B
STATION	TO	STATION	LENGTH	SQ FT END AREA
SEGMENT 1				
LT 72+28.68 (SPRINGFIELD AVE)		LT 72+13.32 (SPRINGFIELD AVE)	15.22	1.1+2.3/2
LT 72+13.32 (SPRINGFIELD AVE)		RT 200+81.10 (CH 33)	89.79	2.30
LT 204+06.29 (CH 33)		RT 701+44.43 (MAPLE RD)	2,322.09	2.30
RT 209+92.57 (CH 33)		RT 210+11.81 (CH 33)	29.90	1.50
RT 210+11.81 (CH 33)		RT 226+60.50 (CH 33)	1,648.69	2.0 AVG
RT 226+60.50 (CH 33)		RT 703+60.66 (MAPLE RD)	138.86	2.30
RT 699+41.89 (MAPLE RD)		RT 700+00 (MAPLE RD)	58.11	0+0.7/2
RT 700+00 (MAPLE RD)		RT 701+00 (MAPLE RD)	100.00	0.70
RT 701+00 (MAPLE RD)		RT 701+44.43 (MAPLE RD)	44.43	0.7+2.3/2
RT 703+60.66 (MAPLE RD)		RT 704+02.53 (MAPLE RD)	41.87	2.3+1.4/2
RT 704+02.53 (MAPLE RD)		RT 704+30 (MAPLE RD)	27.47	1.4+0.8/2
RT 704+30 (MAPLE RD)		RT 704+82.53 (MAPLE RD)	52.53	0.8+0.0/2
LT 699+41.89 (MAPLE RD)		LT 699+91.89 (MAPLE RD)	50.00	0.0+0.5/2
LT 699+91.89 (MAPLE RD)		LT 700+21.89 (MAPLE RD)	30.00	0.5+0.8/2
LT 700+21.89 (MAPLE RD)		LT 700+59.72 (MAPLE RD)	37.83	0.8+2.3/2
LT 700+59.72 (MAPLE RD)		LT 300+70 (CH 33)	156.37	2.30
LT 702+79.17 (MAPLE RD)		LT 702+94.53 (MAPLE RD)	15.36	2.30+1.3/2
LT 702+94.53 (MAPLE RD)		LT 703+24.53 (MAPLE RD)	30.00	2.30+1.3/2
LT 703+24.53 (MAPLE RD)		LT 704+02.53 (MAPLE RD)	78.00	1.3 AVG
LT 704+02.53 (MAPLE RD)		LT 704+82.53 (MAPLE RD)	80.00	0.7+0/2
LT 702+79.17 (MAPLE RD)		RT 319+00 (CH 33)	1,909.32	2.30
LT 300+70 (CH 33)		LT 312+84.91 (CH 33)	1,214.91	1.6 AVG
LT 313+51.86 (CH 33)		LT 313+94.10 (CH 33)	42.24	1.3 AVG
LT 314+22.32 (CH 33)		317+04.01 (CH 33)	281.69	2.30
LT 318+46.48 (CH 33)		LT 319+00 (CH 33)	53.52	2.30
TOTAL SEGMENT 1				1,279

STATION	TO	STATION	LENGTH	SQ FT END AREA
SEGMENT 2				
LT 319+00 (CH 33)		LT 320+62.04 (CH 33)	162.04	2.30
RT 319+00 (CH 33)		RT 327+00 (CH 33)	800.00	2.30
LT 322+07.06 (CH 33)		LT 352+60.76 (CH 33)	3,053.70	2.30
RT 327+00 (CH 33)		RT 341+86.59 (CH 33)	1,486.59	1.0 AVG
RT 342+72.05 (CH 33)		RT 345+00 (CH 33)	227.95	0.7 AVG
RT 345+00 (CH 33)		RT 348+00 (CH 33)	300.00	2.30
RT 348+00 (CH 33)		RT 352+00 (CH 33)	400.00	0.9 AVG
LT 353+74.98 (CH 33)		LT 358+27.81 (CH 33)	452.83	2.30
LT 358+27.81 (CH 33)		LT 71+21.97 (CH 33)	1,541.80	2.30
LT 71+21.97 (CH 33)		LT 71+43.53 (CH 33)	21.56	2.3+0/2
TOTAL SEGMENT 2				1,221
PROJECT TOTAL				2,500

ASSUME: 1.9 TON PER CUBIC YARD FOR AGGREGATE SHOULDERS

PCC DRIVEWAY PAVEMENT				
				42300400
				PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
STATION	TO	STATION	LENGTH	SQ YD
SEGMENT 1				
LT 317+04.01 (CH 33)		LT 318+46.48 (CH 33)	AREA FROM PLANS	221.05
TOTAL SEGMENT 1				221
SEGMENT 2				
LT 320+62.04 (CH 33)		LT 322+07.06 (CH 33)	AREA FROM PLANS	222.67
TOTAL SEGMENT 2				223
PROJECT TOTALS				444 SQ YD

INCIDENTAL HOT-MIX ASPHALT SURFACING						
					40800025	40800050
					BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	TO	STATION	LENGTH	WIDTH	POUND	TON
SEGMENT 1						
RT 205+12.23 (CH 33)			AREA FROM PLANS		338.07	28.74
RT 209+85.04 (CH 33) HARRISON STREET RETURN			AREA FROM PLANS		48.61	10.33
LT 313+24.75 (CH 33) PE			AREA FROM PLANS		301.94	25.67
LT 314+08.15 (CH 33) PE			AREA FROM PLANS		82.82	7.04
RT 313+64.50 (CH 33)		RT 314+36.50 (CH 33)	72.00	4.50	81.36	6.36
TOTALS SEGMENT 1					853	78
SEGMENT 2						
RT 341+86.59 (CH 33)		RT 342+72.05 (CH 33)	85.46	4.50	96.57	7.55
RT 342+51.15 (CH 33) PE			AREA FROM PLANS		126.62	10.76
LT 353+20.83 (CH 33) 1100th ROAD RETURN			AREA FROM PLANS		574.68	48.85
RT 358+38.76 (CH 33) PE			AREA FROM PLANS		141.36	12.02
RT 359+65.79 (CH 33) PE			AREA FROM PLANS		187.48	15.94
RT 361+46.58 (CH 33) PE			AREA FROM PLANS		160.25	13.62
RT 363+20.92 (CH 33) PE			AREA FROM PLANS		153.63	13.06
RT 363+75.89 (CH 33) PE			AREA FROM PLANS		95.10	8.08
RT 364+88.55 (CH 33) PE			AREA FROM PLANS		68.19	5.80
RT 365+99.82 (CH 33) PE			AREA FROM PLANS		109.03	9.27
RT 366+78.40 (CH 33) PE			AREA FROM PLANS		89.34	7.59
RT 368+79.77 (CH 33) PE			AREA FROM PLANS		138.15	11.74
RT 371+14.89 (CH 33) PE			AREA FROM PLANS		105.31	8.95
RT 372+84.39 (CH 33) PE			AREA FROM PLANS		101.48	8.63
TOTALS SEGMENT 2					2,147	182
PROJECT TOTALS					3,000	260
					POUND	TON

PAVEMENT PATCHING					
					44201777
					CLASS D PATCHES, TYPE II, 11 INCH
STATION	TO	STATION	LENGTH	WIDTH	SQ YD
SEGMENT 1					
LT 70+57.50 (CH 14)		RT 70+60.50 (CH 14)	27.32	3.00	9

PAVEMENT REMOVAL AND GUTTER REMOVAL						
					44000100	44000400
					PAVEMENT REMOVAL	GUTTER REMOVAL
STATION	TO	STATION	LENGTH	WIDTH	SQ YD	FOOT
SEGMENT 1						
LT 69+87.71 (CH 14)		LT 200+42.45 (CH 33)	156'			156
200+12 (CH 33)		200+60.80 (CH 33)	AREA FROM PLANS	VAR	223	
SEGMENT 1 & PROJECT TOTALS					223	156
					SQ YD	FOOT

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USER NAME = jmor	DESIGNED - JHM	REVISED -
DRAWN - JHM	REVISIONS -	
CHECKED -	REVISIONS -	
DATE - 08/2017	REVISIONS -	

SCHEDULE OF QUANTITIES

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 6 OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	33
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

PIPE CULVERTS												
		50105220	542A0217	542D0217	542D0220	542D0223	542D5473	542D5479	54261018	Z0023600	X5000015	20800150
		PIPE CULVERT REMOVAL	PIPE CULVERTS, CLASS A, TYPE 1 12"	PIPE CULVERTS, CLASS D, TYPE 1 12"	PIPE CULVERTS, CLASS D, TYPE 1 15"	PIPE CULVERTS, CLASS D, TYPE 1 18"	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24"	SLOPED METAL END SECTION WITH GRATE, STANDARD 542416, 18", 1:6	FILLING EXISTING CULVERTS	REMOVE AND RE-INSTALL PIPE CULVERTS	TRENCH BACKFILL
STATION	DESCRIPTION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	CU YD
SEGMENT 1												
LT 209+88.78 (CH 33)	PIPE REMOVAL & REPLACE	49		57								
LT 213+26.97 (CH 33)	PIPE REMOVAL	21										
LT 213+50.97 (CH 33)	PIPE REMOVAL & REPLACE	24		81								
AR 219+20.20 (CH 33)	PIPE REMOVAL & REPLACE	30				54						6.47
RT 317+63.21 (CH 33)	PIPE REMOVAL & REPLACE	43		64								
TOTALS SEGMENT 1		167	0	202	0	54	0	0	0	0	0	6.47
SEGMENT 2												
LT 321+34.56 (CH 33)	REMOVE & RELAY PIPE		6								105	15.38
RT 326+50.30 (CH 33)	PIPE REMOVAL & REPLACE	17		57								
LT 326+58.36 (CH 33)	PIPE REMOVAL & REPLACE	30			61							
RT 332+97.28 (CH 33)	PIPE REMOVAL & REPLACE	22			57							
LT 333+18.40 (CH 33)	PIPE REMOVAL & REPLACE	32			56							
RT 342+51.15 (CH 33)	PIPE REMOVAL & REPLACE	49					58					4.02
AR 348+43 (CH 33)	PIPE REMOVAL & REPLACE	32						57				5.04
RT 352+51.52 (CH 33)	PIPE REMOVAL & REPLACE	40		78								
AR 357+90 (CH 33)	NEW PIPE						50		1			2.94
RT 358+38.76 (CH 33)	FILL 12" x 30' CULVERT									1		
RT 359+65.79 (CH 33)	PIPE REMOVAL & REPLACE	40		48								20.42
RT 361+46.58 (CH 33)	PIPE REMOVAL & REPLACE	30		40								15.23
RT 363+20.92 (CH 33)	PIPE REMOVAL & REPLACE	36		43								16.89
AR 363+51.93 (CH 33)	PIPE REMOVAL	32										5.32
RT 363+75.89 (CH 13)	PIPE REMOVAL & REPLACE	25		36								12.70
RT 364+88.55 (CH 13)	PIPE REMOVAL & REPLACE	21		29								9.86
AR 365+65 (CH 33)	PIPE REMOVAL	30										
RT 365+99.82 (CH 33)	PIPE REMOVAL & REPLACE	29		41								14.60
RT 366+78.40 (CH 33)	PIPE REMOVAL & REPLACE	25		33								6.40
RT 372+14.89 (CH 33)	PIPE REMOVAL & REPLACE	36		38								3.75
RT 372+84.39 (CH 33)	PIPE REMOVAL & REPLACE	31		36								6.96
RT 373+20 (CH 33)	NEW PIPE			57								
TOTALS SEGMENT 2		557	6	536	174	0	108	57	1	1	105	139.51
PROJECT TOTALS		724	6	738	174	54	108	57	1	1	105	145.98
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	CU YD

CONCRETE GUTTER, TYPE A (SPECIAL)			
		X6062700	
		CONCRETE GUTTER, TYPE A (SPECIAL)	
STATION	TO	STATION	FOOT
SEGMENT 1			
LT 201+08.90 (CH 33)		LT 201+69.04 (CH 33)	60.1
RT 201+08.10 (CH 33)		RT 201+71.98 (CH 33)	64.0
RT 202+40.35 (CH 33)		RT 202+69.66 (CH 33)	29.3
LT 202+43.17 (CH 33)		LT 202+98.16 (CH 33)	55.0
RT 203+39.33 (CH 33)		RT 203+48.48 (CH 33)	9.2
LT 203+72.30 (CH 33)		LT 203+94.29 (CH 33)	22.0

SEGMENT 1 & PROJECT TOTAL 240 FOOT

DOWELLED CONCRETE MEDIAN	
X6061702	
CONCRETE MEDIAN, TYPE SM (DOWELLED)	
LOCATION	SQ FT
SEGMENT 1	
NW QUADRANT CH33/CH 14 INTERSECTION	111.8
SE QUADRANT CH33/MAPLE RD INTERSECTION	70.9
NW QUADRANT CH33/MAPLE RD INTERSECTION	77.8
TOTAL SEGMENT 1 260	
SEGMENT 2	
SW QUADRANT CH33/CH 13 INTERSECTION	52.5

TOTAL SEGMENT 2 53  
PROJECT TOTAL 313 SQ FT

BASE COURSE OPTION	
Z0002900	
BASE COURSE (OPTION)	
LOCATION	SQ YD
SEGMENT 1	
NW QUADRANT CH33/CH 14 INTERSECTION	15.2
SE QUADRANT CH33/MAPLE RD INTERSECTION	10.1
NW QUADRANT CH33/MAPLE RD INTERSECTION	11.0
TOTAL SEGMENT 1 36.2	
SEGMENT 2	
SW QUADRANT CH33/CH 13 INTERSECTION	2.7

TOTAL SEGMENT 2 2.7  
PROJECT TOTAL 39 SQ YD

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USER NAME = jmor	DESIGNED - JHM	REVISED -
DRAWN - JHM	CHECKED -	REVISED -
PLOT SCALE = 48.8888' / in.	DATE - 08/2017	REVISED -
PLOT DATE = 1/14/2018		

SCHEDULE OF QUANTITIES

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 7 OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	34
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

**STORM SEWER AND PIPE DRAIN SCHEDULE**

					550A0050	550B0120	60100905	60100925	Z0056650	Z0056654	X0325379	X0322917	20800150
					STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 24"	PIPE DRAINS 4"	PIPE DRAINS 8"	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	DIRECTIONAL BORING	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	TRENCH BACKFILL
STATION	INVERT	STATION	INVERT	% GRADE	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	CU YD
<b>SEGMENT 1</b>													
LT 66+50 (CH 14)	728.11	LT 66+50 (CH 14)	728.25	1.00	14							1	
LT 66+50 (CH 14)	728.25	LT 70+59 (CH 14)	730.94	0.6585	407								
LT 70+59 (CH 14)	730.94	70+97.86 (CH 14)	731.16	0.50	44								
RT 70+59 (CH 14)	732.68	LT 70+59 (CH 14)	732.12	1.00	57								10.65
LT 70+97.86 (CH 14)	731.16	LT 71+87.72 (CH 14)	731.60	0.50	88								17.66
RT 209+50 (CH 33)	729.63	LT 209+50 (CH 33)	729.21	0.8571			49						4.35
LT 317+20.50 (CH 33)	707.09	LT 318+30.50 (CH 33)	706.83	0.2364			110						15.38
<b>TOTALS SEGMENT 1</b>					610	0	0	159	0	0	0	1	48.04
<b>SEGMENT 2</b>													
RT 358+96.77 (CH 33)	691.40	RT 359+30 (CH 33)	691.10	0.6977			43						
RT 365+65 (CH 33)	686.78	LT 365+65 (CH 33)	686.25	1.00				53					21.06
RT 365+78.26 (CH 33)	689.55	RT 365+82.34 (CH 33)	689.52	0.50			5						
RT 366+57.32 (CH 33)	689.30	RT 366+57.32 (CH 33)	689.27	0.50			6						
LT 365+65 (CH 33)	684.82	LT 80+88.87 (CH 13)	677.80	0.90		786							
LT 80+88.87 (CH 13)	677.80	LT 81+81.97 (CH 13)	675.91	0.90		212							
LT 81+81.97 (CH 13)	675.91	LT 82+00.28 (CH 13)	675.71	0.50					40				
LT 82+00.72 (CH 13)	675.71	RT 82+32.12 (CH 13)	674.75	0.90						95			
<b>TOTALS SEGMENT 2</b>					0	998	54	0	53	40	95	0	21.06
<b>PROJECT TOTALS</b>					610	998	54	159	53	40	95	1	69.1
					FOOT	FOOT	FOOT	FOOT	EACH	FOOT	FOOT	EACH	CU YD

**MANHOLES AND INLETS**

					60218400	60220200	X6023508	X6024240	XX008455
					MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'-DIAMETER	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	INLETS, SPECIAL	INLET BOX, SPECIAL
STATION	TOP OF MASONRY	TOP OF GRATE	DEPTH	MAIN INVERTS	EACH	EACH	EACH	EACH	EACH
<b>SEGMENT 1</b>									
35' LT 66+50 (CH 14)	730.59	730.80	1.70'	729.09			1		
38.54' LT 70+59 (CH 14)	734.25	735.00	3.50'	730.94	1				
20.87' RT 70+59 (CH 14)	733.96	734.17	1.50'	732.68			1		
63.6' LT 70+97.86 (CH 14)	734.09	734.30	3.10'	731.16			1		
65.23' LT 71+87.72 (CH 14)	733.29	733.50	1.90'	731.60			1		
23.42' RT 209+50 (CH 33)		730.50	13"	729.63					1
34.4' LT 317+20 (CH 33)		708.80	23"	707.09					1
<b>TOTALS SEGMENT 1</b>					1	0	4	0	2
<b>SEGMENT 2</b>									
25.15' RT 365+65 (CH 33)	688.49	688.70	1.90'	686.78			1		
29.5' LT 365+65 (CH 33)	688.50	688.50	4.06'	684.82				1	
259.57' LT 80+88.87 (CH 13)	680.57		3.00'	677.80		1			
67.49' LT 81+81.97 (CH 13)	678.68		3.00'	675.91		1			
29.69' LT 82+00.28 (CH 13)	678.66		3.00'	675.71		1			
<b>TOTALS SEGMENT 2</b>					0	3	1	1	0
<b>PROJECT TOTALS</b>					1	3	5	1	2
					EACH	EACH	EACH	EACH	EACH

60220200 MANHOLES, TYPE A, 4' DIAMETER WILL BE CONSTRUCTED WITH A CONCRETE FLAT SLAB TOP WITH A REMOVABLE 24" DIAMETER ACCESS CAST INTO THE FLAT SLAB TOP. THE ACCESS SHALL HAVE 2 LIFTING LOOPS. NO FRAME & GRATE WILL BE INSTALLED.

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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48,8000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

**SCHEDULE OF QUANTITIES**

<b>STATE OF ILLINOIS</b>		
<b>DEPARTMENT OF TRANSPORTATION</b>		
SCALE: NONE	SHEET 8	OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	35
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 91529	

SIGNS AND POSTS				
LOCATION	TYPE OF SIGN	72000100	72800100	73100100
		SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
SO FT	FOOT	EACH		
<b>SEGMENT 1</b>				
ISLAND NW QUAD CH 33 / CH 14	R1-1 STOP SIGN	6.25	10	1
ISLAND SE QUAD CH 33 / MAPLE	R1-1 STOP SIGN	6.25	10	1
ISLAND NW QUAD CH 33 / MAPLE	R1-1 STOP SIGN	6.25	10	1
LT 310+00 (CH 33)	W14-3 NO-PASS PENNANT	3.00	10	1
RT 318+20 (CH 33)	W14-3 NO-PASS PENNANT	3.00	10	1
TOTALS SEGMENT 1		24.75	50	5
<b>SEGMENT 2</b>				
RT 343+00 (CH 33)	W1-2aR POSTED CURVE	6.25	10	1
LT 349+10 (CH 33)	W14-3 NO-PASS PENNANT	3.00	10	1
LT 352+72.32 TO 357+02.80 (CH 33)	W1-8 CHEVRON 6 LOC	36.00	60	6
RT 360+50 (CH 33)	W14-3 NO-PASS PENNANT	3.00	10	1
LT 362+68 (CH 33)	W1-2aR POSTED CURVE	6.25	10	1
ISLAND SW QUAD CH 33 / CH 13	R1-1 STOP SIGN	6.25	10	1
TOTALS SEGMENT 2		60.75	110	11
PROJECT TOTALS		85.5	160	16
		SO FT	FOOT	EACH

RAISED REFLECTIVE PAVEMENT MARKER				
LOCATION	LENGTH	SPACING	COLOR AND TYPE	78100100
				RAISED REFLECTIVE PAVEMENT MARKER
EACH				
<b>SEGMENT 1</b>				
69+07.71 TO 72+00 (CH 14)	292.21	80'	AMBER BI-DIRECTIONAL	4
200+12 TO 227+08.44 (CH 33)	2,696.44	80'	AMBER BI-DIRECTIONAL	34
300+10 TO 319+00 (CH 33)	1,890.00	80'	AMBER BI-DIRECTIONAL	23
TOTAL SEGMENT 1				61
<b>SEGMENT 2</b>				
319+00 TO 352+07 (CH 33)	3,307.00	80'	AMBER BI-DIRECTIONAL	42
352+07 TO 357+67 (CH 33)	560.00	40'	AMBER BI-DIRECTIONAL	15
357+67 TO 373+63.69 (CH 33)	1,596.69	80'	AMBER BI-DIRECTIONAL	20
TOTAL SEGMENT 2				77
PROJECT TOTAL				138
				EACH

REMOVE AND RESET STREET SIGNS		
STATION	SIGN TYPE	78200020
		CURB REFLECTORS
EACH		
<b>SEGMENT 1</b>		
20.5' LT 70+21.91 (CH 14)	COUNTY HIGHWAY MARKER	1
37.5' RT 200+32.05 (CH 33)	STREET NAME	1
22.8' LT 200+39.15 (CH 33)	STOP	1
15.8' RT 203+50 (CH 33)	SPEED LIMIT	1
5.3' LT 210+18 (CH 33)	SPEED LIMIT	1
20.8' RT 210+35 (CH 33)	SPEED LIMIT	1
8.0' LT 226+00 (CH 33)	SPEED LIMIT	1
31.5' RT 226+83.20 (CH 33)	STOP	1
27.1' LT 300+36.06 (CH 33)	STOP	1
14.6' RT 300+36.23 (CH 33)	STREET NAME	1
6.0' RT 301+00 (CH 33)	SPEED LIMIT	1
TOTAL SEGMENT 1		11
<b>SEGMENT 2</b>		
19.8' RT 350+00 (CH 33)	SPEED LIMIT	1
6.3' LT 351+00 (CH 33)	SPEED LIMIT	1
48.3' LT 352+21.67 (CH 33)	STREET NAME	1
48.9' LT 352+24.08 (CH 33)	STOP	1
5.3' LT 371+00 (CH 33)	SPEED LIMIT	1
30.1' LT 373+24.17 (CH 33)	STREET NAME	1
18.9' RT 373+39.75 (CH 33)	STOP	1
21.4' LT 71+09.80 (CH 13)	STREET NAME	1
TOTAL SEGMENT 2		8
PROJECT TOTAL		19
		EACH

CURB REFLECTORS		
LOCATION	COLOR	78200020
		CURB REFLECTORS
EACH		
<b>SEGMENT 1</b>		
ISLAND NW QUAD CH 33 / CH 14	CRYSTAL	6
ISLAND SE QUAD CH 33 / MAPLE	CRYSTAL	6
ISLAND NW QUAD CH 33 / MAPLE	CRYSTAL	6
TOTAL SEGMENT 1		18
<b>SEGMENT 2</b>		
ISLAND SW QUAD CH 33 / CH 13	CRYSTAL	6
TOTAL SEGMENT 2		6
PROJECT TOTAL		24
		EACH

SURVEY MARKERS		
STATION	OFFSET	XZ193300
		SURVEY MARKER, TYPE 1 (SPECIAL)
EACH		
<b>SEGMENT 1</b>		
213+37.82 (CH 33)	14.70' RT	1
702+02.26 (MAPLE RD)	ON CL	1
702+25.45 (MAPLE RD)	ON CL	1
TOTAL SEGMENT 1		3
<b>SEGMENT 2</b>		
326+58.90 (CH 33)	1.62' RT	1
353+14.16 (CH 33)	2.56' RT	1
TOTAL SEGMENT 2		2
PROJECT TOTAL		5
		EACH

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USER NAME = jmor	DESIGNED - JHM	REVISED - _____
	DRAWN - JHM	REVISED - _____
PLOT SCALE = 48.0000' / 1"	CHECKED - _____	REVISED - _____
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED - _____

**SCHEDULE OF QUANTITIES**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE SHEET 9 OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	36
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

THERMOPLASTIC PAVEMENT MARKING

				78000300	78000300	78000400	78000600	78000650
				THERMOPLASTIC PAVEMENT MARKING - LINE 5"	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
				WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	WHITE FOOT
STATION	TO	STATION	DESCRIPTION					
SEGMENT 1								
LT 69+07.71 (CH 14)		RT 701+29.08 (MAPLE RD)	EDGE LINE	2,908				
RT 69+07.71 (CH 14)		RT 72+28.68 (SPRINGFIELD AVE)	EDGE LINE	321				
69+07.71 (CH 14)		72+00 (CH 14)	CENTERLINE SKIP DASH		80			
LT 72+28.68 (SPRINGFIELD AVE)		RT 204+42.05 (CH 33)	EDGE LINE	467				
RT 205+60.12 (CH 33)		RT 209+33.35 (CH 33)	EDGE LINE	373				
RT 210+22.20 (CH 33)		RT 704+02.53 (MAPLE RD)	EDGE LINE	1,821				
200+12 (CH 33)		227+08.44 (CH 33)	CENTERLINE SKIP DASH		670			
LT 70+83.05 (CH 14)		LT 200+50.73 (CH 33)	ISLAND STRIPING			148	87	
LT 200+24.60 (CH 33)		LT 200+26.60 (CH 33)	STOP BAR					12
LT 200+28.21 (CH 33)		LT 200+42.74 (CH 33)	STOP BAR					18
RT 226+80.11 (CH 33)		RT 702+65.51 (MAPLE RD)	ISLAND STRIPING			118	44	
RT 226+78.72 (CH 33)		RT 226+93.94 (CH 33)	STOP BAR					18
RT 226+96.34 (CH 33)		RT 226+98.34 (CH 33)	STOP BAR					12
LT 700+21.89 (MAPLE RD)		LT 317+04.01 (CH 33)	EDGE LINE	1,827				
LT 318+46.48 (CH 33)		LT 319+00 (CH 33)	EDGE LINE	54				
LT 702+94.51 (MAPLE RD)		RT 319+00 (CH 33)	EDGE LINE	1,923				
300+10 (CH 33)		319+00 (CH 33)	CENTERLINE SKIP DASH		470			
RT 310+00 (CH 33)		RT 313+60 (CH 33)	NO-PASS		360			
LT 314+50 (CH 33)		LT 318+20 (CH 33)	NO-PASS		370			
LT 701+55.62 (MAPLE RD)		LT 300+38.54 (CH 33)	ISLAND STRIPING			124	53	
LT 300+21.17 (CH 33)		LT 300+23.17 (CH 33)	STOP BAR					12
LT 300+24.29 (CH 33)		LT 300+39.60 (CH 33)	STOP BAR					18
TOTALS SEGMENT 1				9,694	1,950	390	184	90
SEGMENT 2								
LT 319+00 (CH 33)		LT 320+62.04 (CH 33)	EDGE LINE	162				
RT 319+00 (CH 33)		RT 353+01.24 (CH 33)	EDGE LINE	3,401				
LT 322+07.06 (CH 33)		LT 352+60.76 (CH 33)	EDGE LINE	3,054				
319+00 (CH 33)		354+00 (CH 33)	CENTERLINE SKIP DASH		880			
RT 349+00 (CH 33)		RT 355+50 (CH 33)	NO-PASS		650			
LT 354+00 (CH 33)		LT 360+50 (CH 33)	NO-PASS		650			
LT 353+74.98 (CH 33)		LT 71+43.53 (CH 13)	EDGE LINE	1,923				
RT 353+01.24 (CH 33)		LT 48+16.56 (CH 13)	EDGE LINE	2,099				
355+50 (CH 33)		373+63.69 (CH 33)	CENTERLINE SKIP DASH		450			
RT 373+36.80 (CH 33)		LT 48+71.64 (CH 13)	ISLAND STRIPING			91	36	
RT 373+41.72 (CH 33)		RT 373+52.04 (CH 33)	STOP BAR					18
RT 373+51.35 (CH 33)		RT 373+53.35 (CH 33)	STOP BAR					12
TOTALS SEGMENT 2				10,639	2,630	91	36	30
PROJECT TOTALS				20,333	4,580	481	220	120
				FOOT	FOOT	FOOT	FOOT	FOOT

TOTAL 5" LINE = 24,913 FOOT; 20,333 FOOT WHITE & 4,580 FOOT YELLOW

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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

SCHEDULE OF QUANTITIES

STATE OF ILLINOIS		
DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 10	OF 11 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	37
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
FED. AID PROJECT				

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TEMPORARY EROSION CONTROL ITEMS					
		28000250	28000305	28000400	28000500
		TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
ITEM	LOCATION	POUND	FOOT	FOOT	EACH
SEGMENT 1					
TEMPORARY SEEDING THROUGHOUT SEGMENT 1		790			
TEMPORARY DITCH CHECKS SEGMENTS 1 & 2					
	RT 204+80 (CH 33)		10		
	LT 206+00 (CH 33)		10		
	LT 208+24 (CH 33)		10		
	RT 212+40 (CH 33)		10		
	RT 214+90 (CH 33)		10		
	LT 216+50 (CH 33)		10		
	RT 217+10 (CH 33)		10		
	LT 219+00 (CH 33)		10		
	LT 219+50 (CH 33)		10		
	RT 222+63 (CH 33)		10		
	RT 699+50 (MAPLE RD)		10		
	LT 700+00 (MAPLE RD)		10		
	RT 700+50 (MAPLE RD)		10		
	LT 703+70 (MAPLE RD)		10		
	RT 704+00 (MAPLE RD)		10		
	LT 704+82.53 (MAPLE RD)		10		
	RT 705+00 (MAPLE RD)		10		
	LT 301+08 (CH 33)		10		
	LT 301+82 (CH 33)		10		
	RT 302+34 (CH 33)		10		
	LT 302+40 (CH 33)		10		
	RT 303+54 (CH 33)		10		
	LT 303+63 (CH 33)		10		
	LT 305+00 (CH 33)		10		
	LT 307+41 (CH 33)		10		
	LT 312+42 (CH 33)		10		
	LT 314+85 (CH 33)		10		
	RT 315+14 (CH 33)		10		
	LT 315+30 (CH 33)		10		
	RT 315+57 (CH 33)		10		
	LT 315+82 (CH 33)		10		
	RT 316+05 (CH 33)		10		
	LT 316+47 (CH 33)		10		
	RT 316+51 (CH 33)		10		
SEGMENT 2					
TEMPORARY SEEDING THROUGHOUT SEGMENT 2		880			
	RT 319+51 (CH 33)		10		
	RT 320+90 (CH 33)		10		
	LT 321+81 (CH 33)		10		
	RT 322+12 (CH 33)		10		
	RT 323+83 (CH 33)		10		
	LT 323+84 (CH 33)		10		
	RT 330+38 (CH 33)		10		
	LT 330+38 (CH 33)		10		
	LT 336+36 (CH 33)		10		
	RT 336+85 (CH 33)		10		
	LT 343+90 (CH 33)		10		
	RT 347+00 (CH 33)		10		
	LT 347+57 (CH 33)		10		
	LT 349+10 (CH 33)		10		
	LT 353+50 (CH 33)		10		
	RT 356+77 (CH 33)		10		
	LT 357+07 (CH 33)		10		
	LT 357+64 (CH 33)		10		
	LT 362+10 (CH 33)		10		
	LT 367+95 (CH 33)		10		
	LT 48+00 (CH 13)		10		
	LT 71+44 (CH 13)		10		

TEMPORARY EROSION CONTROL ITEMS (CONT'D)					
		28000250	28000305	28000400	28000500
		TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
ITEM	LOCATION	POUND	FOOT	FOOT	EACH
PERIMETER EROSION BARRIER SEGMENT 1					
SEGMENT 1					
	LT 66+50 (CH 14) TO LT 201+00 (CH 33)			474	
	RT 305+00 TO RT 312+57 (CH 33)			757	
	RT 312+85 TO RT 313+50 (CH 33)			65	
INLET AND PIPE PROTECTION SEGMENTS 1 & 2					
SEGMENT 1					
	LT 66+50 (CH 14)				1
	LT 70+97.86 (CH 14)				1
	LT 71+87.72 (CH 14)				1
	RT 72+25 (SPRINGFIELD AVE)				1
	RT 209+50 (CH 33)				1
	LT 209+58.96 (CH 33)				1
	LT 212+98.59				1
	RT 219+20.20 (CH 33)				1
	LT 317+20 (CH 33)				1
	RT 317+31.50 (CH 33)				1
SEGMENT 2					
	LT 320+77.60 (CH 33)				1
	RT 326+20.74 (CH 33)				1
	LT 326+29.20 (CH 33)				1
	RT 332+69.10 (CH 33)				1
	LT 332+89.32 (CH 33)				1
	RT 342+23.38 (CH 33)				1
	RT 348+43 (CH 33)				1
	RT 353+00 (CH 33)				1
	RT 357+90 (CH 33)				1
	RT 359+42.40 (CH 33)				1
	RT 361+26.35 (CH 33)				1
	RT 362+96.20 (CH 33)				1
	RT 363+57.35 (CH 33)				1
	RT 364+72.57 (CH 33)				1
	LT & RT 365+65 (CH 33)				2
	RT 366+20.07 (CH 33)				1
	RT 366+94.34 (CH 33)				1
	RT 371+96.96 (CH 33)				1
	RT 372+64.89 (CH 33)				1
	RT 373+20 (CH 33)				1
SEGMENT 1 TOTALS		790	340	1,296	10
SEGMENT 2 TOTALS		880	220	0	21
PROJECT TOTALS		1,670	560	1,296	31
		POUND	FOOT	FOOT	EACH

ASSUME: 100 POUND PER ACRE AND 2 APPLICATIONS FOR TEMPORARY SEEDING  
 TEMPORARY DITCH CHECKS ARE SPACED ASSUMING AN 18" HEIGHT

USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2018	DATE - 08/2017	REVISED -

**SCHEDULE OF QUANTITIES**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CH 33	13-00121-00-WR	EDGAR	174	38
SCALE: NONE		SHEET 11 OF 11 SHEETS		CONTRACT NO. 91529		
		EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		

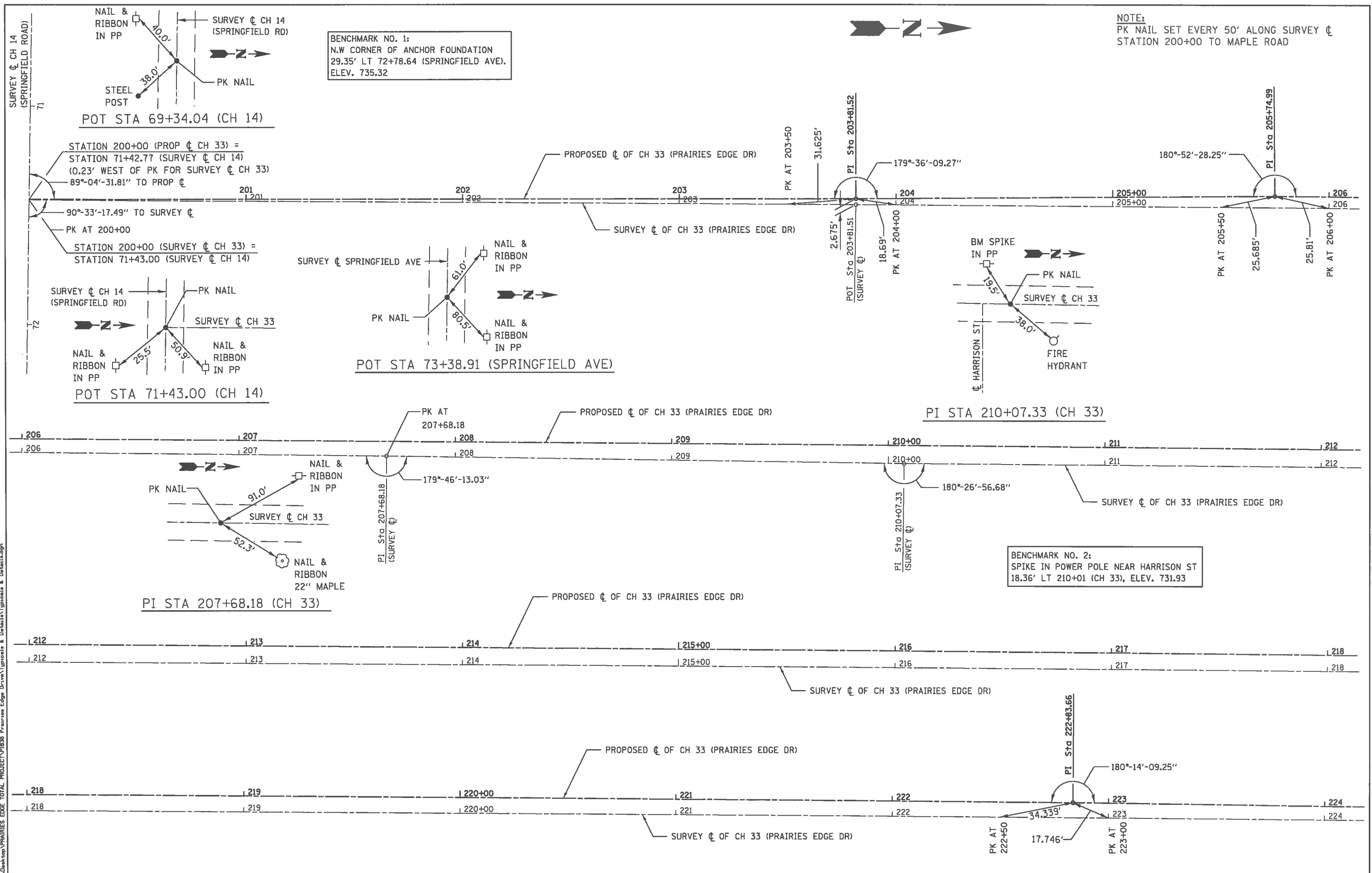


NOTE:  
PK NAIL SET EVERY 50' ALONG SURVEY C  
STATION 200+00 TO MAPLE ROAD



BENCHMARK NO. 1:  
N.W CORNER OF ANCHOR FOUNDATION  
29.35' LT 72+78.64 (SPRINGFIELD AVE).  
ELEV. 735.32

BENCHMARK NO. 2:  
SPIKE IN POWER POLE NEAR HARRISON ST  
18.36' LT 210+01 (CH 33), ELEV. 731.93



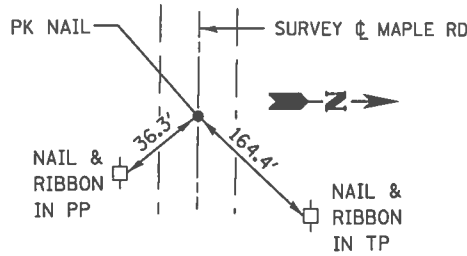
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USER NAME = jmor	DESIGNED - JHM	REVISED -	<b>ALIGNMENT, TIES AND BENCHMARKS</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1/8" = 20'	DRAWN - JHM	REVISED -		CH 33	13-00121-00-WR	EDGAR	174	40				
PLOT DATE = 1/14/2018	CHECKED -	REVISED -		SCALE: 1" = 20' SHEET 1 OF 5 SHEETS				CONTRACT NO. 91529				
	DATE - 08/2017	REVISED -		EDGAR COUNTY, ILLINOIS   FED. AID PROJECT								



NOTE:  
PK NAIL SET EVERY 100' ALONG SURVEY C  
MAPLE ROAD TO CH 13

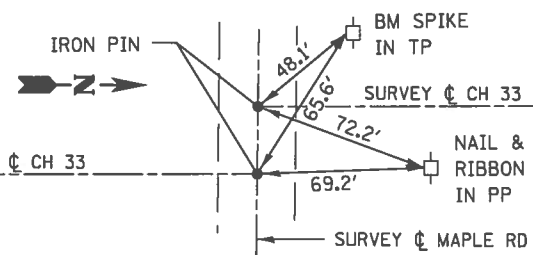
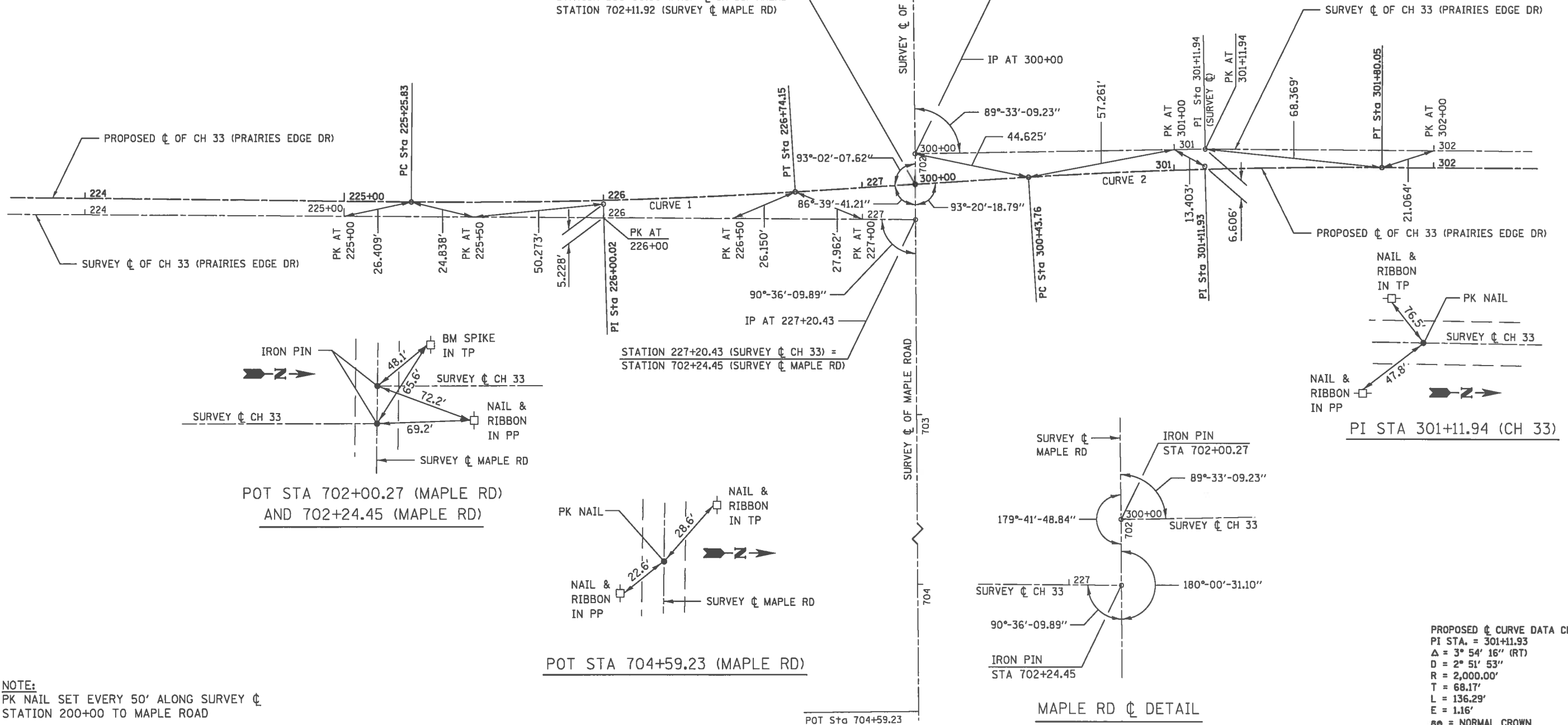
PROPOSED C CURVE DATA CURVE 1  
PI STA. = 226+00.04  
 $\Delta = 4^\circ 14' 57''$  (LT)  
D = 2° 51' 53"  
R = 2,000.00'  
T = 74.20'  
L = 148.32'  
E = 1.38'  
se = NORMAL CROWN  
P.C. STA = 225+25.83  
P.T. STA = 226+74.15



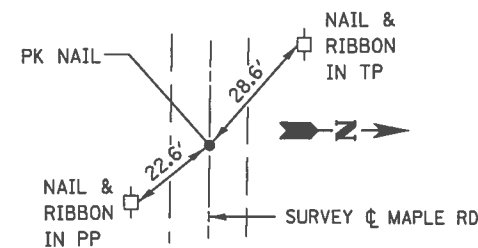
POT STA 700+00 (MAPLE RD)

STATION EQUATION:  
STATION 227+20.53 (PROP C CH 33) BACK =  
STATION 300+00.00 (PROP C CH 33) AHEAD =  
STATION 702+11.92 (SURVEY C MAPLE RD)

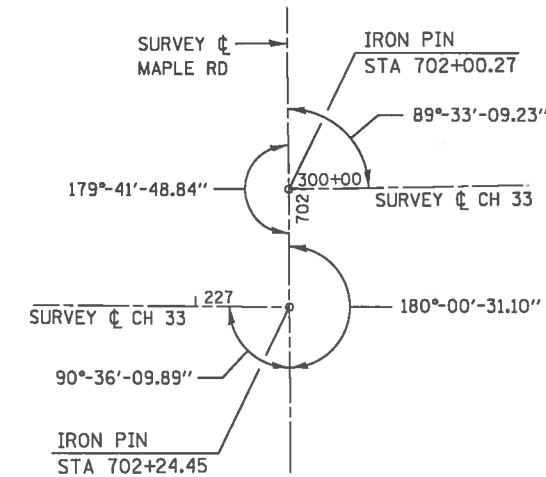
BENCHMARK NO. 3:  
SPIKE IN GUY POLE N.W. QUADRANT  
CH 33/MAPLE RD INTERSECTION  
26.16' LT 300+40 (CH 33), ELEV. 724.97



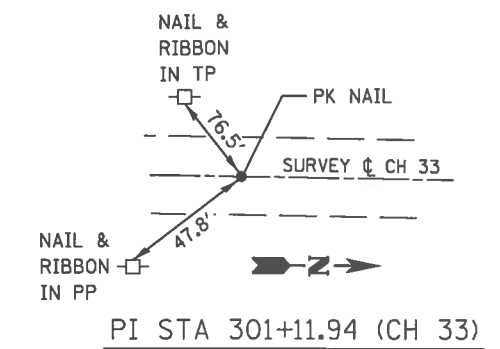
POT STA 702+00.27 (MAPLE RD)  
AND 702+24.45 (MAPLE RD)



POT STA 704+59.23 (MAPLE RD)



MAPLE RD C DETAIL



PI STA 301+11.94 (CH 33)

PROPOSED C CURVE DATA CURVE 2  
PI STA. = 301+11.93  
 $\Delta = 3^\circ 54' 16''$  (RT)  
D = 2° 51' 53"  
R = 2,000.00'  
T = 68.17'  
L = 136.29'  
E = 1.16'  
se = NORMAL CROWN  
P.C. STA = 300+43.76  
P.T. STA = 301+80.05

NOTE:  
PK NAIL SET EVERY 50' ALONG SURVEY C  
STATION 200+00 TO MAPLE ROAD

C:\Users\jmor\Desktop\PRAIRIES EDGE TOTAL PROJECT\PIB38 Prairies Edge Drive\Signals & Details\dgn

USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

ALIGNMENT, TIES AND BENCHMARKS

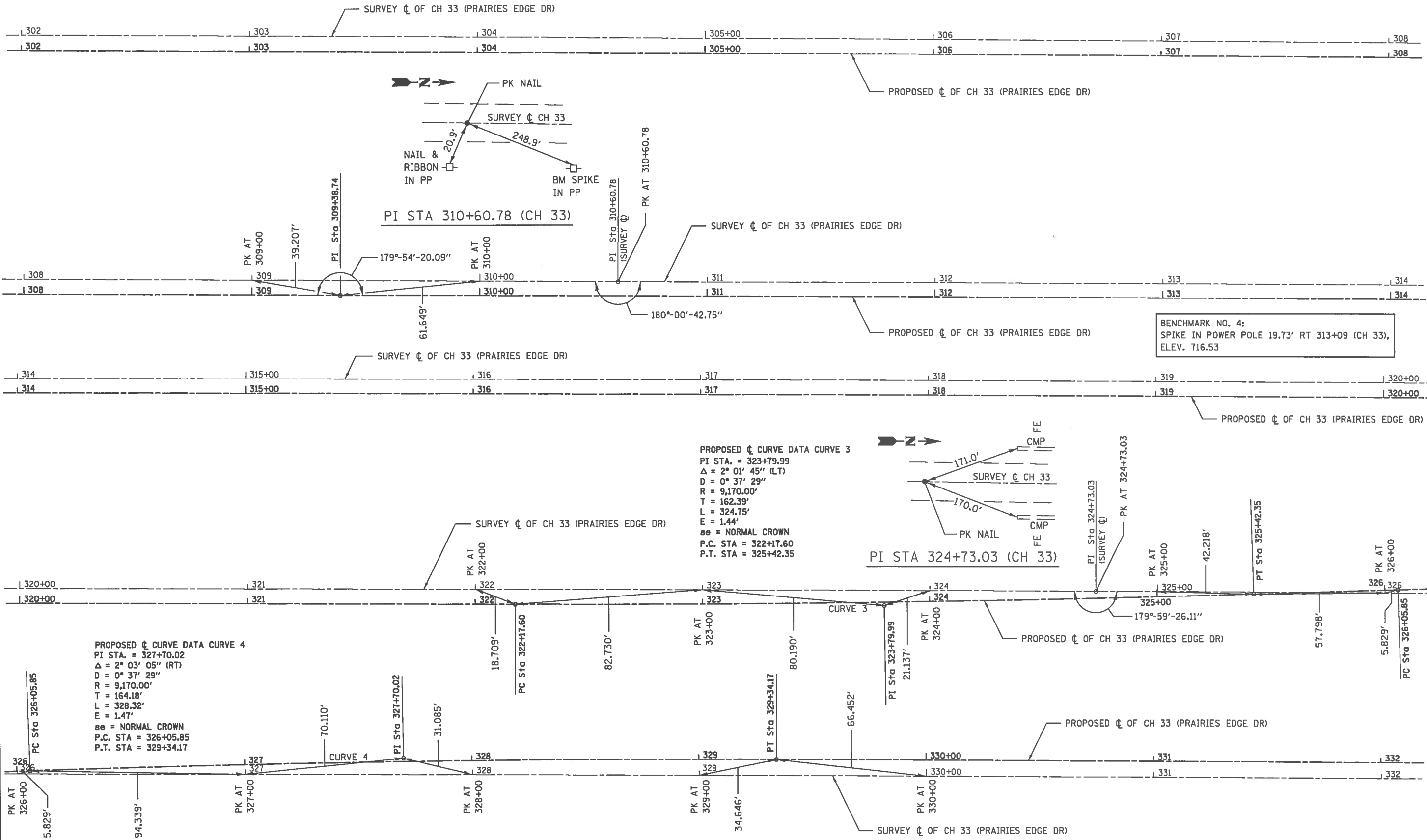
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20' SHEET 2 OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	41
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		



NOTE:  
PK NAIL SET EVERY 100' ALONG SURVEY C  
MAPLE ROAD TO CH 13



BENCHMARK NO. 4:  
SPIKE IN POWER POLE 19.73' RT 313+09 (CH 33),  
ELEV. 716.53

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USER NAME = jmor	DESIGNED - JHM	REVISED -
DRAWN - JHM	CHECKED -	REVISED -
PLOT SCALE = 48.8888' / in.	DATE - 08/2017	REVISED -
PLOT DATE = 1/14/2018		

ALIGNMENT, TIES AND BENCHMARKS

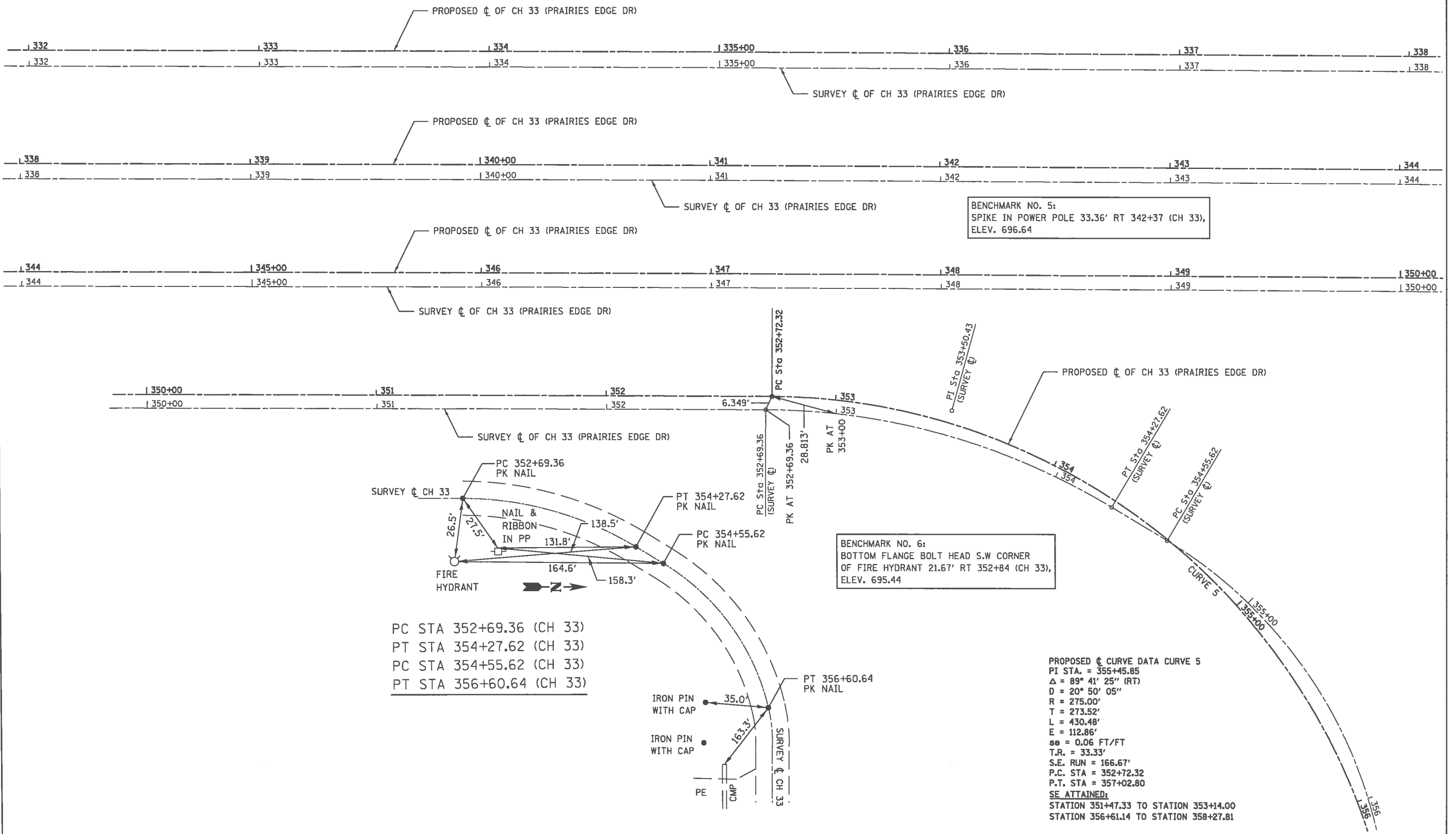
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20' SHEET 3 OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	42
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				



NOTE:  
PK NAIL SET EVERY 100' ALONG SURVEY C  
MAPLE ROAD TO CH 13



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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

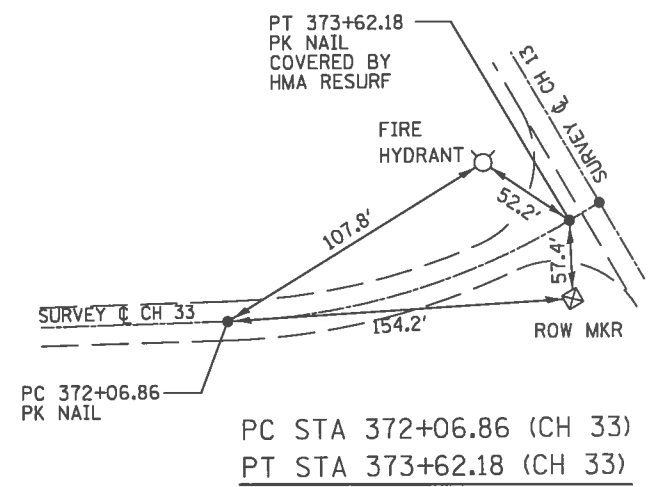
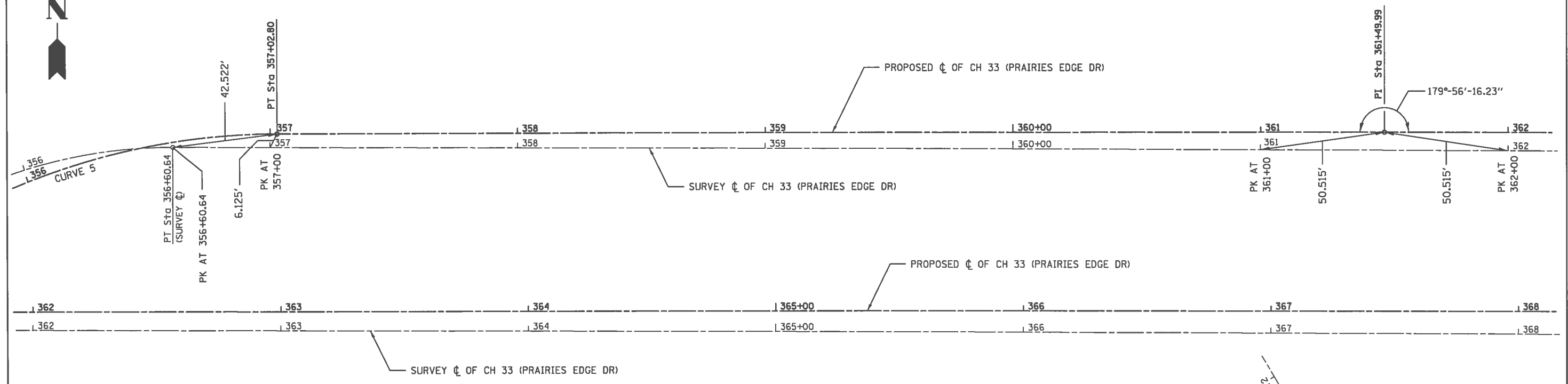
ALIGNMENT, TIES AND BENCHMARKS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

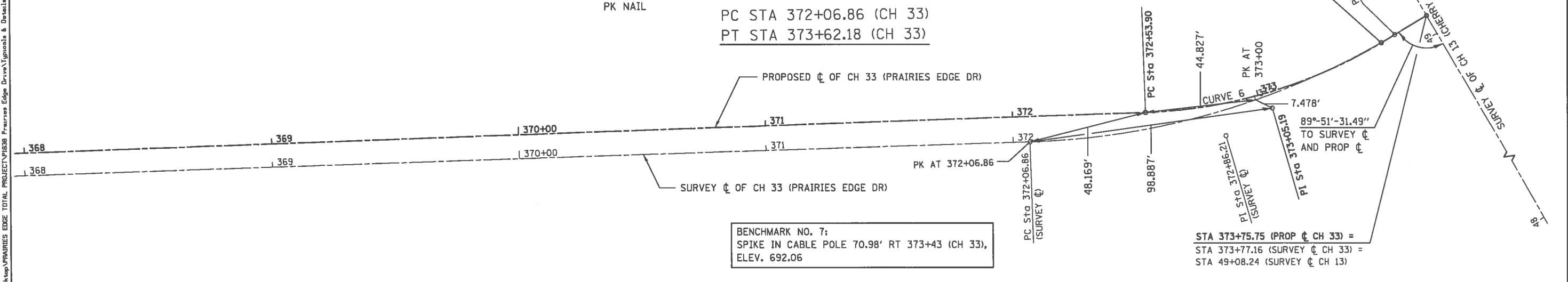
SCALE: 1" = 20' SHEET 4 OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	43
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT			CONTRACT NO. 91529	

NOTE:  
 PK NAIL SET EVERY 100' ALONG SURVEY C  
 MAPLE ROAD TO CH 13



PROPOSED C CURVE DATA CURVE 6  
 PI STA. = 373+05.19  
 $\Delta$  = 28° 45' 50" (LT)  
 D = 28° 38' 52"  
 R = 200.00'  
 T = 51.28'  
 L = 100.40'  
 E = 6.47'  
 ee = NORMAL CROWN  
 P.C. STA = 372+53.90  
 P.T. STA = 373+54.31



BENCHMARK NO. 7:  
 SPIKE IN CABLE POLE 70.98' RT 373+43 (CH 33),  
 ELEV. 692.06

STA 373+75.75 (PROP C CH 33) =  
 STA 373+77.16 (SURVEY C CH 33) =  
 STA 49+08.24 (SURVEY C CH 13)

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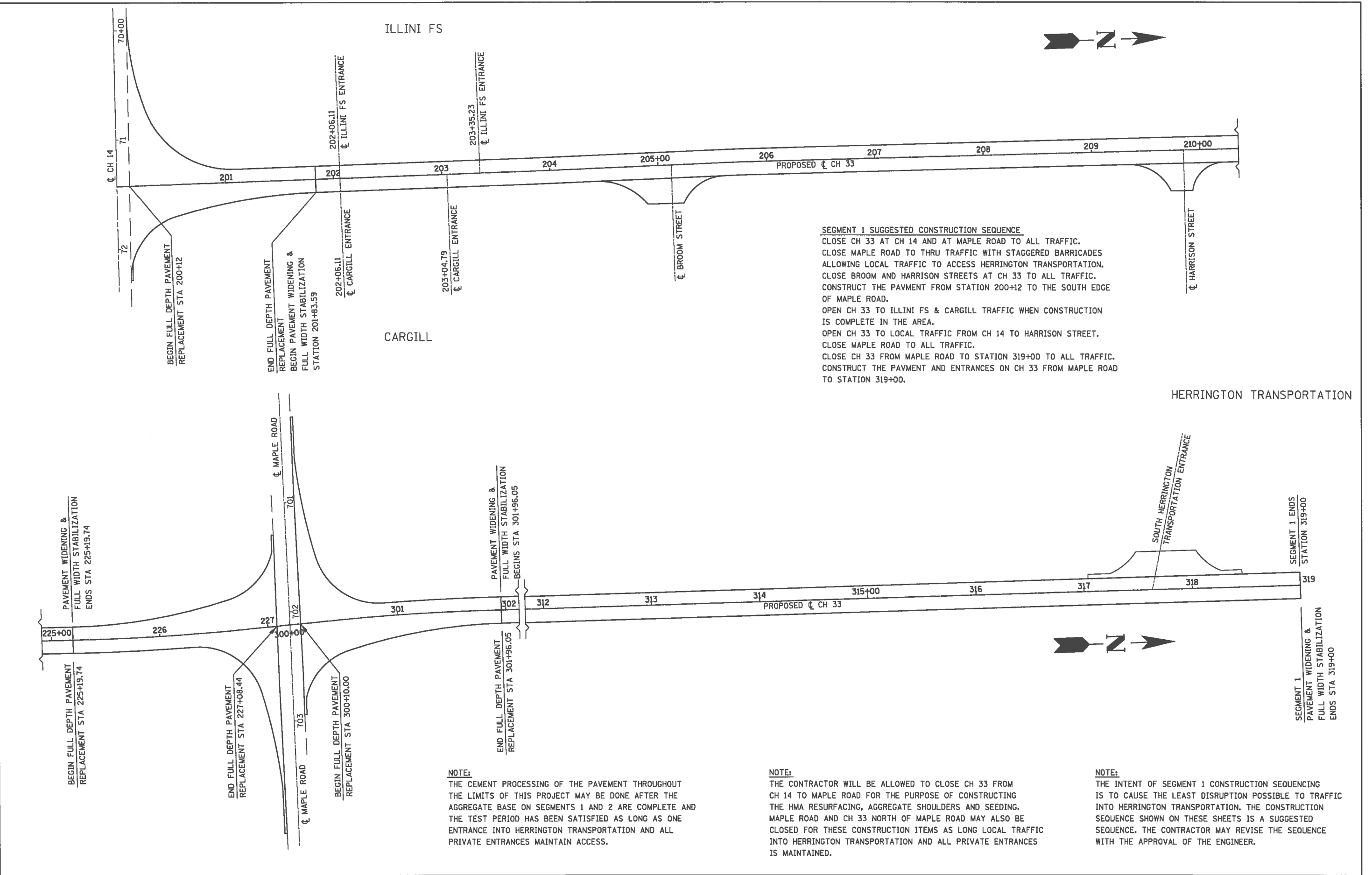
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PLOT SCALE = 48.8888' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

ALIGNMENT, TIES AND  
 BENCHMARKS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 SCALE: 1" = 20' SHEET 5 OF 5 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	44
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

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**SEGMENT 1 SUGGESTED CONSTRUCTION SEQUENCE**  
 CLOSE CH 33 AT CH 14 AND AT MAPLE ROAD TO ALL TRAFFIC.  
 CLOSE MAPLE ROAD TO THRU TRAFFIC WITH STAGGERED BARRICADES ALLOWING LOCAL TRAFFIC TO ACCESS HERRINGTON TRANSPORTATION.  
 CLOSE BROOM AND HARRISON STREETS AT CH 33 TO ALL TRAFFIC.  
 CONSTRUCT THE PAVMENT FROM STATION 200+12 TO THE SOUTH EDGE OF MAPLE ROAD.  
 OPEN CH 33 TO ILLINI FS & CARGILL TRAFFIC WHEN CONSTRUCTION IS COMPLETE IN THE AREA.  
 OPEN CH 33 TO LOCAL TRAFFIC FROM CH 14 TO HARRISON STREET.  
 CLOSE MAPLE ROAD TO ALL TRAFFIC.  
 CLOSE CH 33 FROM MAPLE ROAD TO STATION 319+00 TO ALL TRAFFIC.  
 CONSTRUCT THE PAVMENT AND ENTRANCES ON CH 33 FROM MAPLE ROAD TO STATION 319+00.

**NOTE:**  
 THE CEMENT PROCESSING OF THE PAVEMENT THROUGHOUT THE LIMITS OF THIS PROJECT MAY BE DONE AFTER THE AGGREGATE BASE ON SEGMENTS 1 AND 2 ARE COMPLETE AND THE TEST PERIOD HAS BEEN SATISFIED AS LONG AS ONE ENTRANCE INTO HERRINGTON TRANSPORTATION AND ALL PRIVATE ENTRANCES MAINTAIN ACCESS.

**NOTE:**  
 THE CONTRACTOR WILL BE ALLOWED TO CLOSE CH 33 FROM CH 14 TO MAPLE ROAD FOR THE PURPOSE OF CONSTRUCTING THE HMA RESURFACING, AGGREGATE SHOULDERS AND SEEDING. MAPLE ROAD AND CH 33 NORTH OF MAPLE ROAD MAY ALSO BE CLOSED FOR THESE CONSTRUCTION ITEMS AS LONG LOCAL TRAFFIC INTO HERRINGTON TRANSPORTATION AND ALL PRIVATE ENTRANCES IS MAINTAINED.

**NOTE:**  
 THE INTENT OF SEGMENT 1 CONSTRUCTION SEQUENCING IS TO CAUSE THE LEAST DISRUPTION POSSIBLE TO TRAFFIC INTO HERRINGTON TRANSPORTATION. THE CONSTRUCTION SEQUENCE SHOWN ON THESE SHEETS IS A SUGGESTED SEQUENCE. THE CONTRACTOR MAY REVISE THE SEQUENCE WITH THE APPROVAL OF THE ENGINEER.

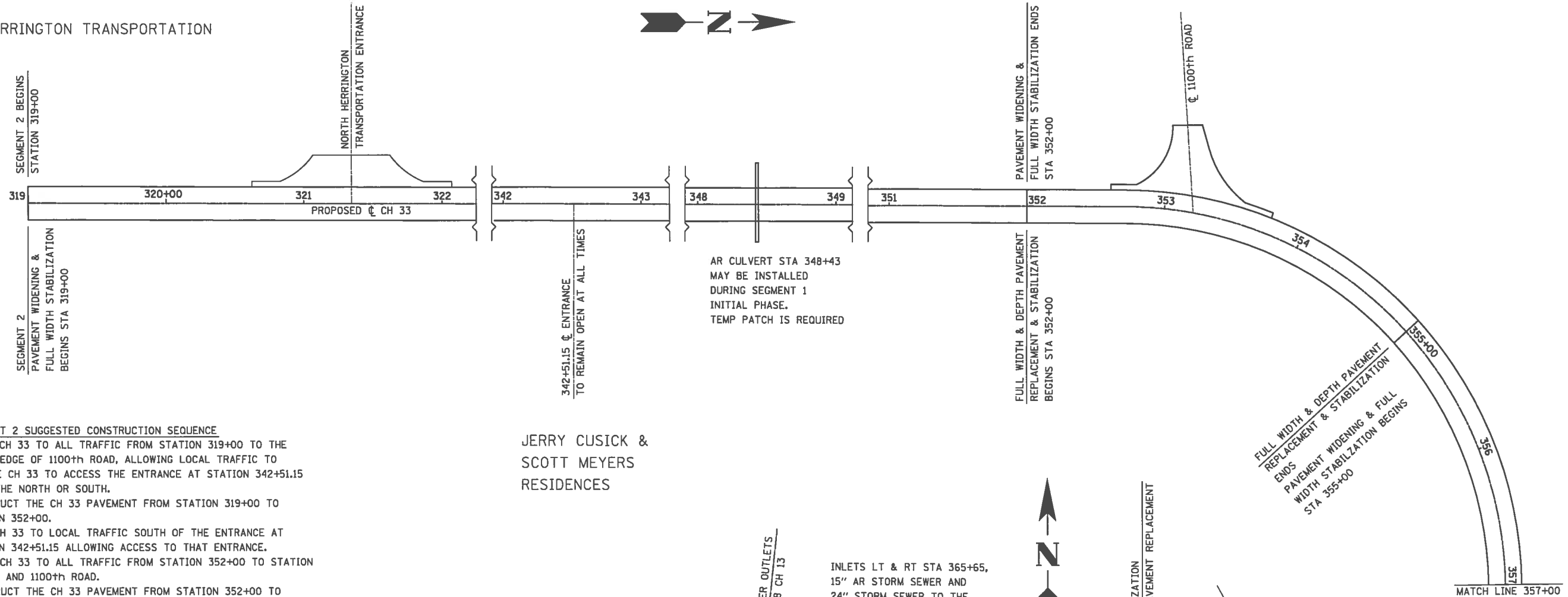
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	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

**STAGE CONSTRUCTION DETAILS  
 SEGMENT 1 CONSTRUCTION**

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		
SCALE: NONE	SHEET 1	OF 2 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	45
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

HERRINGTON TRANSPORTATION



SEGMENT 2 SUGGESTED CONSTRUCTION SEQUENCE

CLOSE CH 33 TO ALL TRAFFIC FROM STATION 319+00 TO THE SOUTH EDGE OF 1100th ROAD, ALLOWING LOCAL TRAFFIC TO UTILIZE CH 33 TO ACCESS THE ENTRANCE AT STATION 342+51.15 FROM THE NORTH OR SOUTH.  
 CONSTRUCT THE CH 33 PAVEMENT FROM STATION 319+00 TO STATION 352+00.  
 OPEN CH 33 TO LOCAL TRAFFIC SOUTH OF THE ENTRANCE AT STATION 342+51.15 ALLOWING ACCESS TO THAT ENTRANCE.  
 CLOSE CH 33 TO ALL TRAFFIC FROM STATION 352+00 TO STATION 358+50 AND 1100th ROAD.  
 CONSTRUCT THE CH 33 PAVEMENT FROM STATION 352+00 TO STATION 358+50.  
 CLOSE CH 33 TO ALL TRAFFIC AT THE NORTH EDGE OF 1100th ROAD.  
 OPEN THE 1100th ROAD RETURN TO LOCAL TRAFFIC SOUTH TO MAPLE ROAD.  
 CONSTRUCT THE CH 33 PAVEMENT FROM STATION 358+50 TO CH 13 WHILE MAINTAINING LOCAL TRAFFIC TO THE 9 RESIDENCES WITHIN THIS AREA.  
 OPEN ALL ROADS TO LOCAL TRAFFIC UNTIL THE TEST PERIOD IS SATISFIED AND THE HMA RESURFACING IS CONSTRUCTED.

JERRY CUSICK &  
 SCOTT MEYERS  
 RESIDENCES

AR CULVERT STA 357+90  
 MAY BE INSTALLED  
 DURING SEGMENT 1  
 INITIAL PHASE.  
 TEMP PATCH IS REQUIRED.

INLETS LT & RT STA 365+65,  
 15" AR STORM SEWER AND  
 24" STORM SEWER TO THE  
 OUTLET MAY BE INSTALLED  
 DURING SEGMENT 1 INITIAL PHASE.  
 TEMP PATCH IS REQUIRED ON AR SS  
 STATION 365+65.

END FULL WIDTH PAVEMENT STABILIZATION  
 BEGIN WB LANE PAVEMENT STABILIZATION  
 BEGIN TILLING OF EASTBOUND LANE  
 STA 358+27.81

9 PRIVATE RESIDENCES, MAINTAIN ACCESS AT ALL TIMES

END WB LANE STABILIZATION  
 BEGIN FULL DEPTH PAVEMENT REPLACEMENT  
 STA 372+73.24

WIDENING OF EXISTING  
 RETURN BEGINS  
 STA 373+33.73

NOTE:

THE CEMENT PROCESSING OF THE PAVEMENT THROUGHOUT THE LIMITS OF THIS PROJECT MAY BE DONE AFTER THE AGGREGATE BASE ON SEGMENTS 1 AND 2 ARE COMPLETE AND THE TEST PERIOD HAS BEEN SATISFIED AS LONG AS ONE ENTRANCE INTO HERRINGTON TRANSPORTATION AND ALL PRIVATE ENTRANCES MAINTAIN ACCESS.

NOTE:

THE CONTRACTOR WILL BE ALLOWED TO CLOSE CH 33 FROM CH 14 TO MAPLE ROAD FOR THE PURPOSE OF CONSTRUCTING THE HMA RESURFACING, AGGREGATE SHOULDERS AND SEEDING. MAPLE ROAD AND CH 33 NORTH OF MAPLE ROAD MAY ALSO BE CLOSED FOR THESE CONSTRUCTION ITEMS AS LONG LOCAL TRAFFIC INTO HERRINGTON TRANSPORTATION AND ALL PRIVATE ENTRANCES IS MAINTAINED.

NOTE:

THE INTENT OF SEGMENT 2 CONSTRUCTION SEQUENCING IS TO CAUSE THE LEAST DISRUPTION POSSIBLE TO ACCESS INTO HERRINGTON TRANSPORTATION AND ALL PRIVATE RESIDENCES. TILLING OF THE EASTBOUND LANE ON THE EAST-WEST PORTION OF CH 33 SHALL BE DELAYED AS LONG AS POSSIBLE TO KEEP DUST CREATED BY THE RESULTING AGGREGATE SURFACE IN THIS AREA TO A MINIMUM. THE CONSTRUCTION SEQUENCE SHOWN ON THESE SHEETS IS A SUGGESTED SEQUENCE. THE CONTRACTOR MAY REVISE THE SEQUENCE WITH THE APPROVAL OF THE ENGINEER.

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	DRAWN - JHM	REVISED -
PLOT SCALE = 48.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

STAGE CONSTRUCTION DETAILS  
 SEGMENT 2 CONSTRUCTION

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 2 OF 2 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	46
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				



- AGGREGATE SURFACE COURSE, TYPE B
- INCIDENTAL HOT-MIX ASPHALT SURFACING

N.W. 1/4, SECTION 2, T.13N., R.12W., 2nd PM

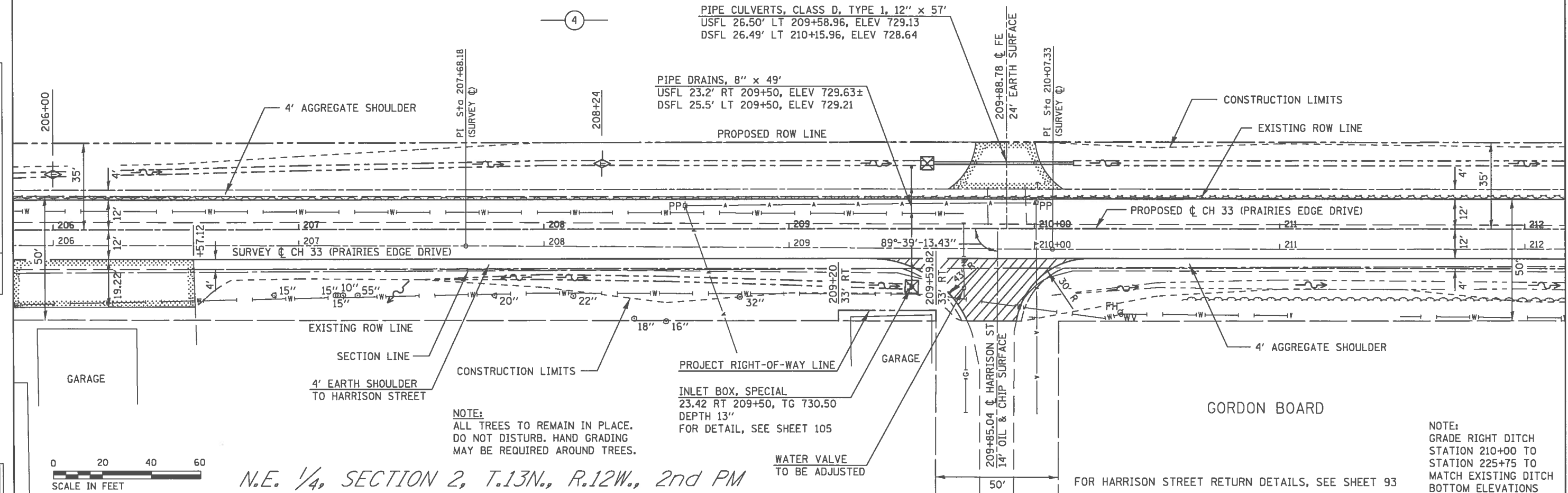
PARCEL 13-00121-00-WR-4

MARK J. HOGAN ET-AL

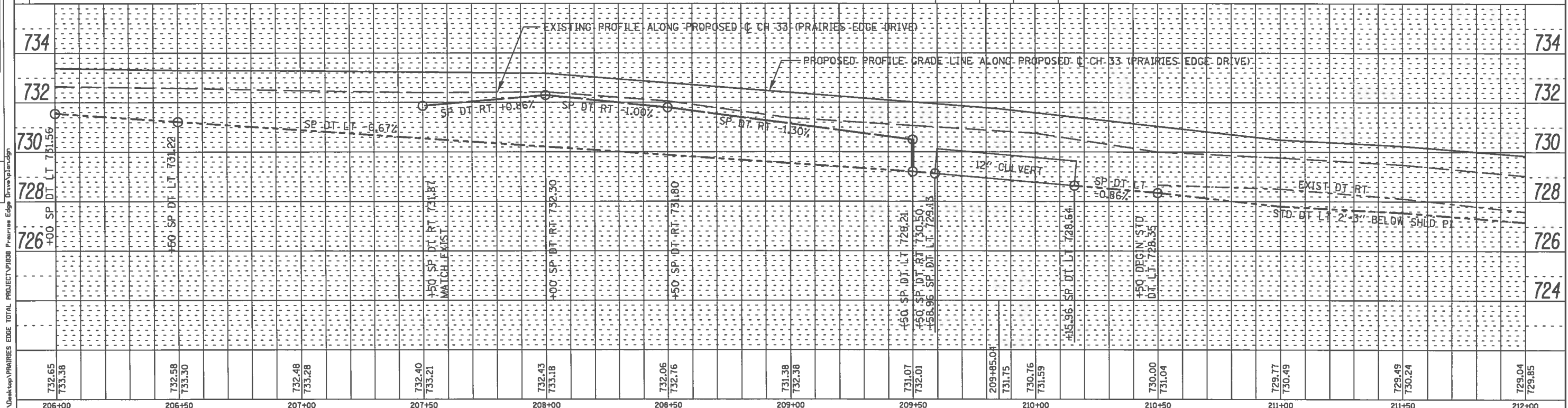


PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	



N.E. 1/4, SECTION 2, T.13N., R.12W., 2nd PM



USER NAME = jhmor DESIGNED - JHM DRAWN - JHM CHECKED - PLOT DATE = 1/14/2018			REVISED - REVISED - REVISED - REVISED -			<b>PLAN AND PROFILE CH 33</b> STA. 206+00 TO STA. 212+00			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCALE: 1" = 20' HORIZ, 1" = 2' VERT SHEET 2 OF 18 SHEETS			ROUTE SECTION COUNTY TOTAL SHEETS SHEET NO. CH 33 13-00121-00-WR EDGAR 174 48 CONTRACT NO. 91529	
DATE = 08/2017									EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		



N.W. 1/4, SECTION 2, T.13N., R.12W., 2nd PM



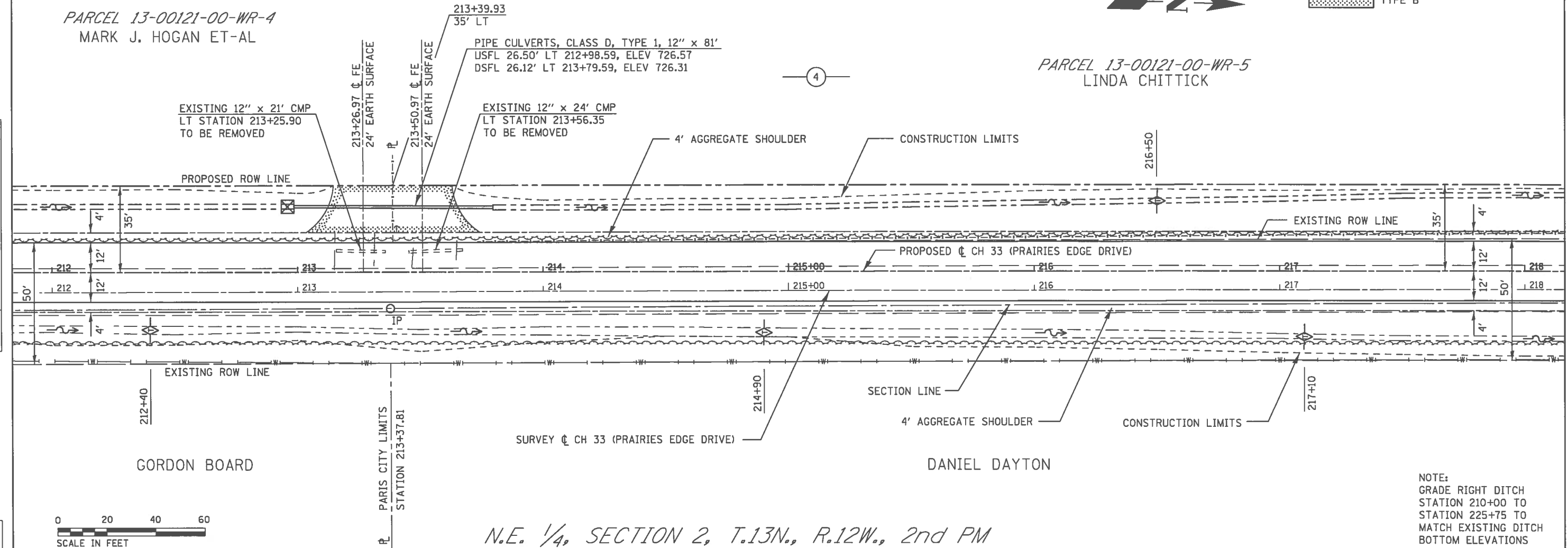
AGGREGATE SURFACE COURSE, TYPE B

PARCEL 13-00121-00-WR-4  
MARK J. HOGAN ET-AL

PARCEL 13-00121-00-WR-5  
LINDA CHITTICK

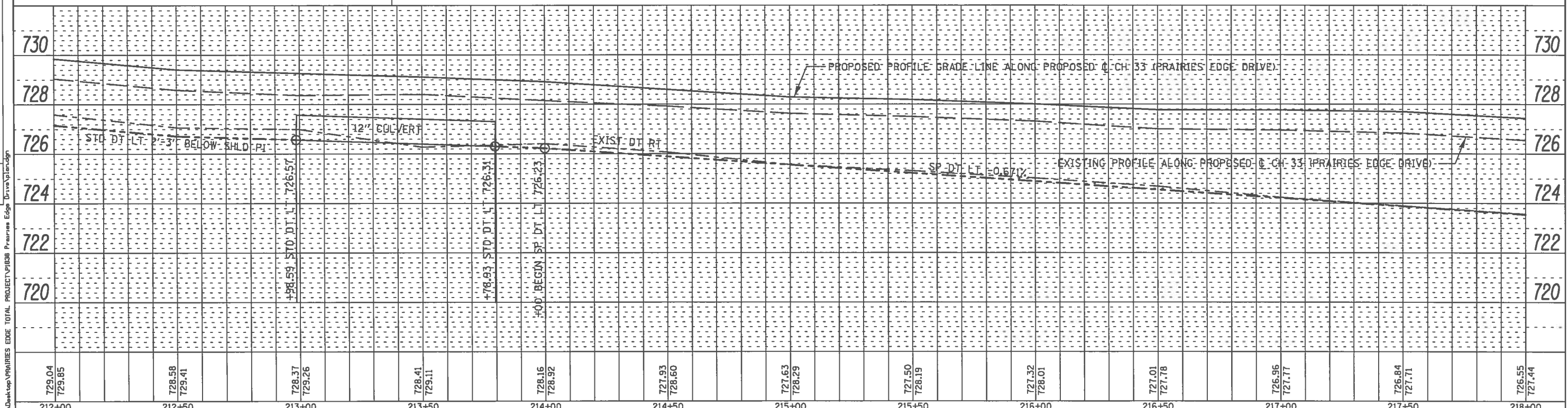
PLAN	DATE
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DATE	



N.E. 1/4, SECTION 2, T.13N., R.12W., 2nd PM

NOTE:  
GRADE RIGHT DITCH  
STATION 210+00 TO  
STATION 225+75 TO  
MATCH EXISTING DITCH  
BOTTOM ELEVATIONS



729.04	729.85	728.58	729.41	728.37	729.26	728.41	729.11	728.16	728.92	727.93	728.60	727.63	728.29	727.50	728.19	727.32	728.01	727.01	727.78	726.96	727.77	726.84	727.71	726.55	727.44
212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00													

USER NAME = jhm	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

<b>PLAN AND PROFILE CH 33</b>	
STA. 212+00	TO STA. 218+00

<b>STATE OF ILLINOIS</b>		
<b>DEPARTMENT OF TRANSPORTATION</b>		
SCALE: 1" = 20' HORIZ, 1" = 2' VERT	SHEET 3	OF 18 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	49
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

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N.W. 1/4, SECTION 2, T.13N., R.12W., 2nd PM

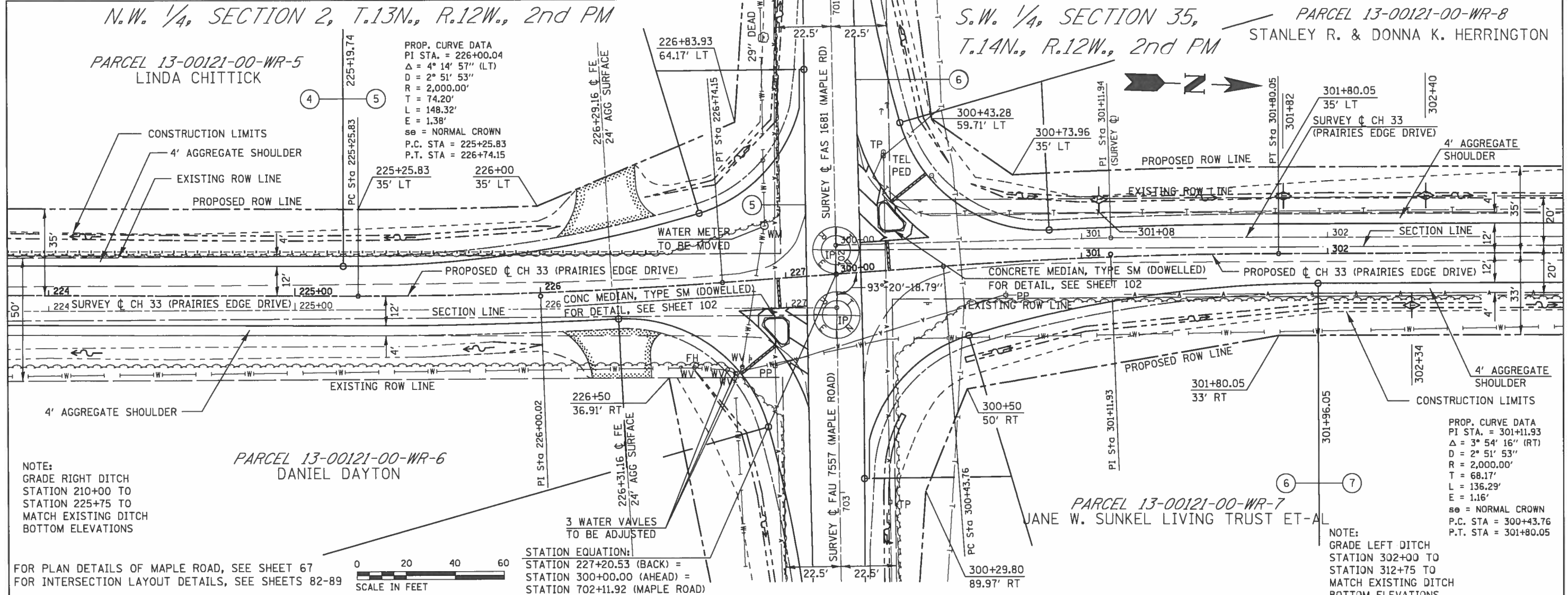
PARCEL 13-00121-00-WR-5  
LINDA CHITTICK

PROP. CURVE DATA  
PI STA. = 226+00.04  
Δ = 4° 14' 57" (LT)  
D = 2° 51' 53"  
R = 2,000.00'  
T = 74.20'  
L = 148.32'  
E = 1.38'  
se = NORMAL CROWN  
P.C. STA = 225+25.83  
P.T. STA = 226+74.15

S.W. 1/4, SECTION 35,  
T.14N., R.12W., 2nd PM

PARCEL 13-00121-00-WR-8  
STANLEY R. & DONNA K. HERRINGTON

PLAN	DATE
SURVEYED	BY
ALIGNED	BY
CHECKED	BY
NO. OF WAYS CHECKED	
NO. OF FILE NAME	



NOTE:  
GRADE RIGHT DITCH  
STATION 210+00 TO  
STATION 225+75 TO  
MATCH EXISTING DITCH  
BOTTOM ELEVATIONS

PARCEL 13-00121-00-WR-6  
DANIEL DAYTON

PARCEL 13-00121-00-WR-7  
JANE W. SUNKEL LIVING TRUST ET-AL

NOTE:  
GRADE LEFT DITCH  
STATION 302+00 TO  
STATION 312+75 TO  
MATCH EXISTING DITCH  
BOTTOM ELEVATIONS

STATION EQUATION:  
STATION 227+20.53 (BACK) =  
STATION 300+00.00 (AHEAD) =  
STATION 702+11.92 (MAPLE ROAD)

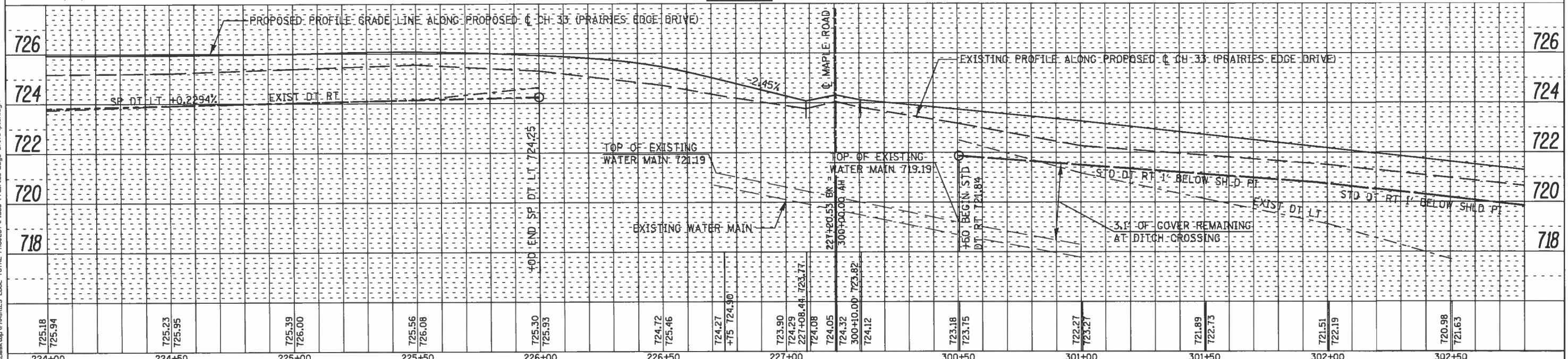


FOR PLAN DETAILS OF MAPLE ROAD, SEE SHEET 67  
FOR INTERSECTION LAYOUT DETAILS, SEE SHEETS 82-89

N.E. 1/4, SECTION 2, T.13N., R.12W., 2nd PM

AGGREGATE SURFACE COURSE,  
TYPE B

S.E. 1/4, SECTION 35, T.14N., R.12W., 2nd PM



PROFILE	DATE
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CHECKED	BY
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NO. OF FILE NAME	

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PLOT SCALE = 40.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

PLAN AND PROFILE CH 33

STA. 224+00 TO STA. 302+50

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SCALE: 1" = 20' HORIZ, 1" = 2' VERT  
SHEET 5 OF 18 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	51
			CONTRACT NO. 91529	
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				



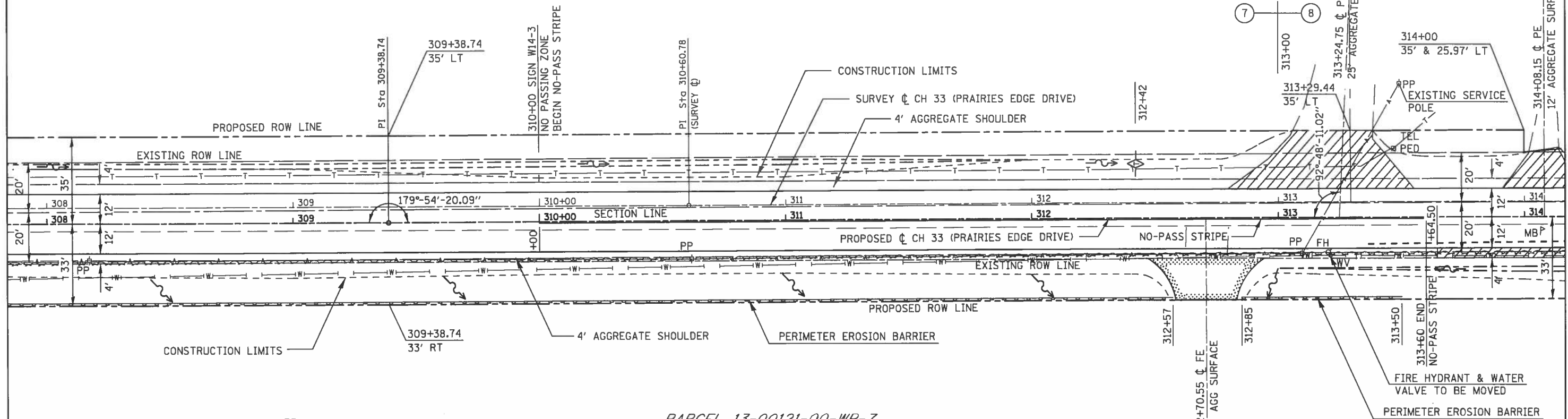
S.W. 1/4, SECTION 35, T.14N., R.12W., 2nd PM

PARCEL 13-00121-00-WR-8  
STANLEY R. & DONNA K. HERRINGTON

AGGREGATE SURFACE COURSE, TYPE B  
INCIDENTAL HOT-MIX ASPHALT SURFACING

PARCEL 13-00121-00-WR-9  
STANLEY R. & DONNA K. HERRINGTON

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	REVISIONS CHECKED	
	NOTE BOOK	
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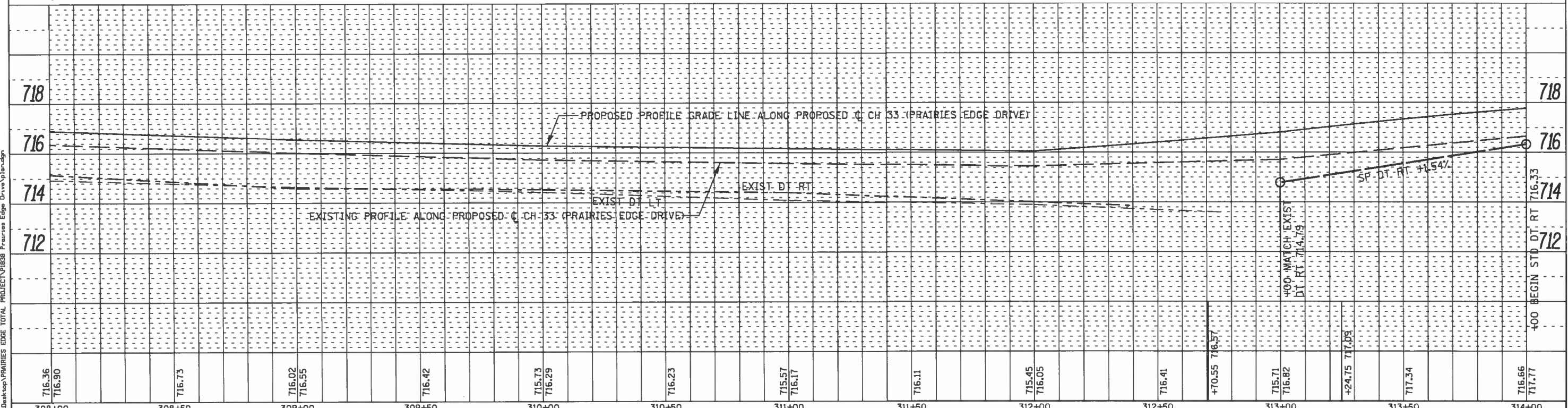
NOTE:  
GRADE LEFT DITCH  
STATION 302+00 TO  
STATION 312+75 TO  
MATCH EXISTING DITCH  
BOTTOM ELEVATIONS

PARCEL 13-00121-00-WR-7  
JANE W. SUNKEL LIVING TRUST ET-AL

S.E. 1/4, SECTION 35, T.14N., R.12W., 2nd PM



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	REVISIONS CHECKED	
	NOTE BOOK	
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	CADD FILE NAME	



716.36 716.90	716.73	716.02 716.55	716.42	715.73 716.29	716.23	715.57 716.17	716.11	715.45 716.05	716.41	716.55 716.57	715.71 716.82	717.09	717.34	716.66 717.77
308+00	308+50	309+00	309+50	310+00	310+50	311+00	311+50	312+00	312+50	313+00	313+50	314+00		

USER NAME = jhonor	DESIGNED - JHM	REVISED -
PLLOT SCALE = 48.0000' / 1"	DRAWN - JHM	REVISED -
PLLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

STA. 308+00	TO STA. 314+00
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STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: 1" = 20' HORZ, 1" = 2' VERT	SHEET 7 OF 18 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	53
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

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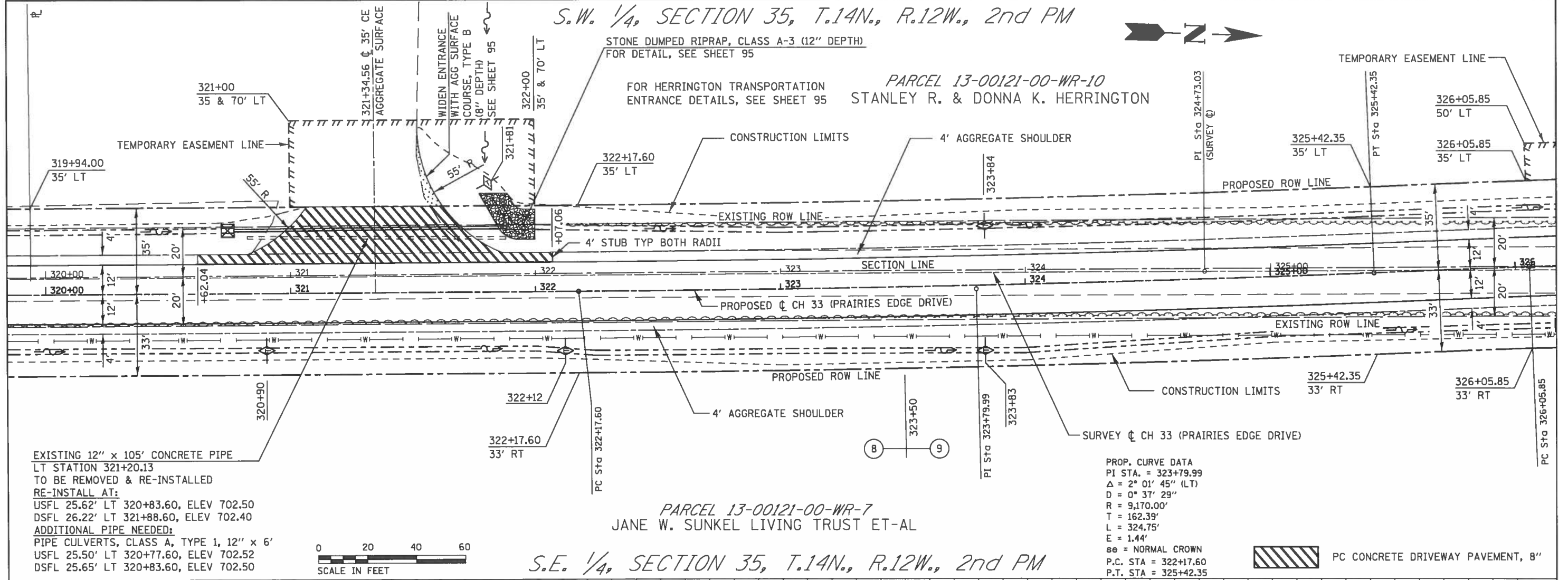


S.W. 1/4, SECTION 35, T.14N., R.12W., 2nd PM



DATE	
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PLANNED	
DESIGNED	
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NOTED	
FILED	
NO.	

DATE	
BY	
PROFILING	
DESIGNED	
CHECKED	
NOTED	
FILED	
NO.	



EXISTING 12" x 105' CONCRETE PIPE  
 LT STATION 321+20.13  
 TO BE REMOVED & RE-INSTALLED  
 RE-INSTALL AT:  
 USFL 25.62' LT 320+83.60, ELEV 702.50  
 DSFL 26.22' LT 321+88.60, ELEV 702.40  
 ADDITIONAL PIPE NEEDED:  
 PIPE CULVERTS, CLASS A, TYPE 1, 12" x 6'  
 USFL 25.50' LT 320+77.60, ELEV 702.52  
 DSFL 25.65' LT 320+83.60, ELEV 702.50

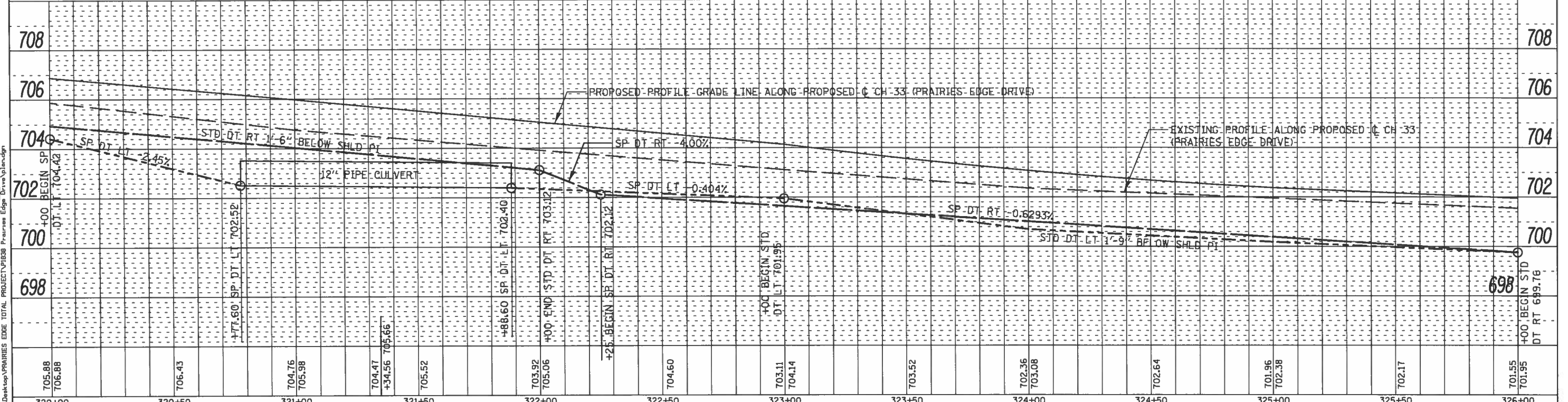


PARCEL 13-00121-00-WR-7  
 JANE W. SUNKEL LIVING TRUST ET-AL

S.E. 1/4, SECTION 35, T.14N., R.12W., 2nd PM

PROP. CURVE DATA  
 PI STA. = 323+79.99  
 $\Delta = 2^\circ 01' 45''$  (LT)  
 $D = 0^\circ 37' 29''$   
 $R = 9,170.00'$   
 $T = 162.39'$   
 $L = 324.75'$   
 $E = 1.44'$   
 $se = \text{NORMAL CROWN}$   
 P.C. STA = 322+17.60  
 P.T. STA = 325+42.35

PC CONCRETE DRIVEWAY PAVEMENT, 8"



320+00	320+50	321+00	321+50	322+00	322+50	323+00	323+50	324+00	324+50	325+00	325+50	326+00								
705.88	706.88	706.43	704.76	705.98	704.47	705.52	704.60	703.92	705.06	703.11	704.14	703.52	702.36	705.08	702.64	701.96	702.38	702.17	701.55	701.95

USER NAME = jhmr	DESIGNED - JHM	REVISED -
PLANNED -	DRAWN - JHM	REVISED -
CHECKED -	CHECKED -	REVISED -
DATE - 08/2017	DATE -	REVISED -

PLAN AND PROFILE CH 33	
STA. 320+00	TO STA. 326+00

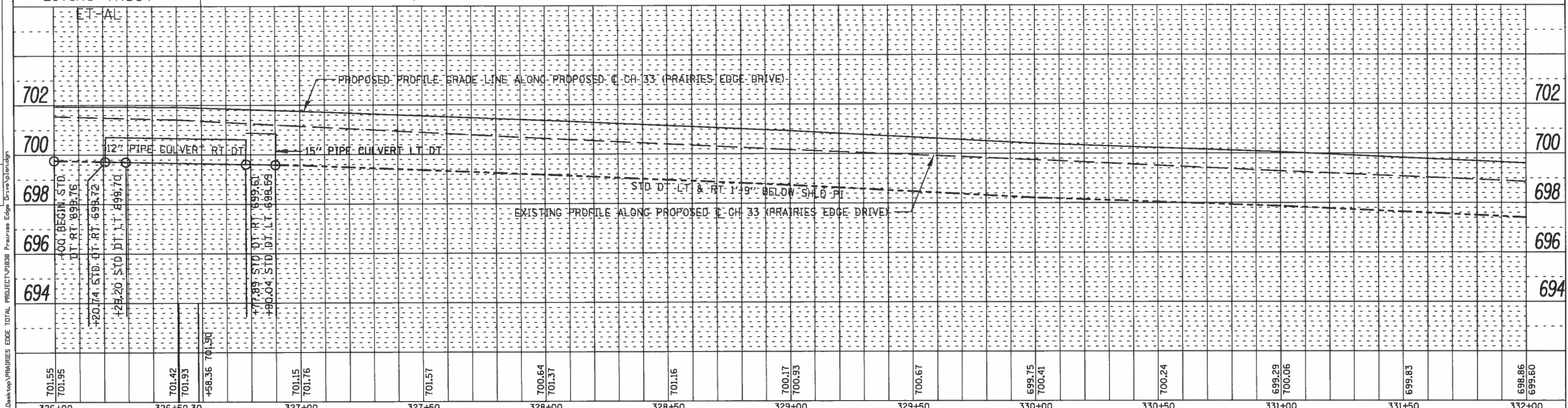
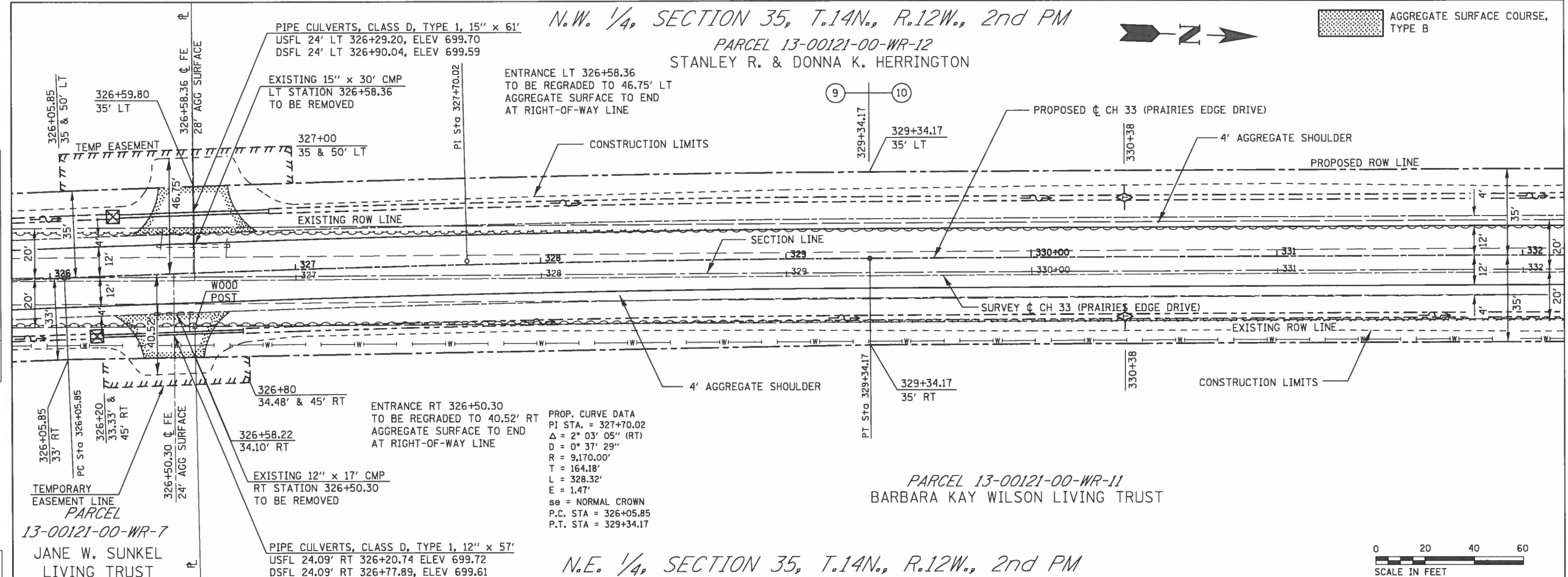
STATE OF ILLINOIS		
DEPARTMENT OF TRANSPORTATION		
SCALE: 1" = 20' HORZ, 1" = 2' VERT	SHEET 9	OF 18 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	55
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

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PLAN	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



USER NAME = jhnm		DESIGNED - JHM	REVISED -	PLAN AND PROFILE CH 33		STATE OF ILLINOIS				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000' / in.		DRAWN - JHM	REVISED -			DEPARTMENT OF TRANSPORTATION				CH 33	13-00121-00-WR	EDGAR	174	56
PLOT DATE = 1/14/2018		CHECKED -	REVISED -	STA. 326+00 TO STA. 332+00		SCALE: 1" = 20' HORZ, 1" = 2' VERT				SHEET 10 OF 18 SHEETS		CONTRACT NO. 91529		
		DATE - 08/2017	REVISED -							EDGAR COUNTY, ILLINOIS		FED. AID PROJECT		





N.W. 1/4, SECTION 35, T.14N., R.12W., 2nd PM

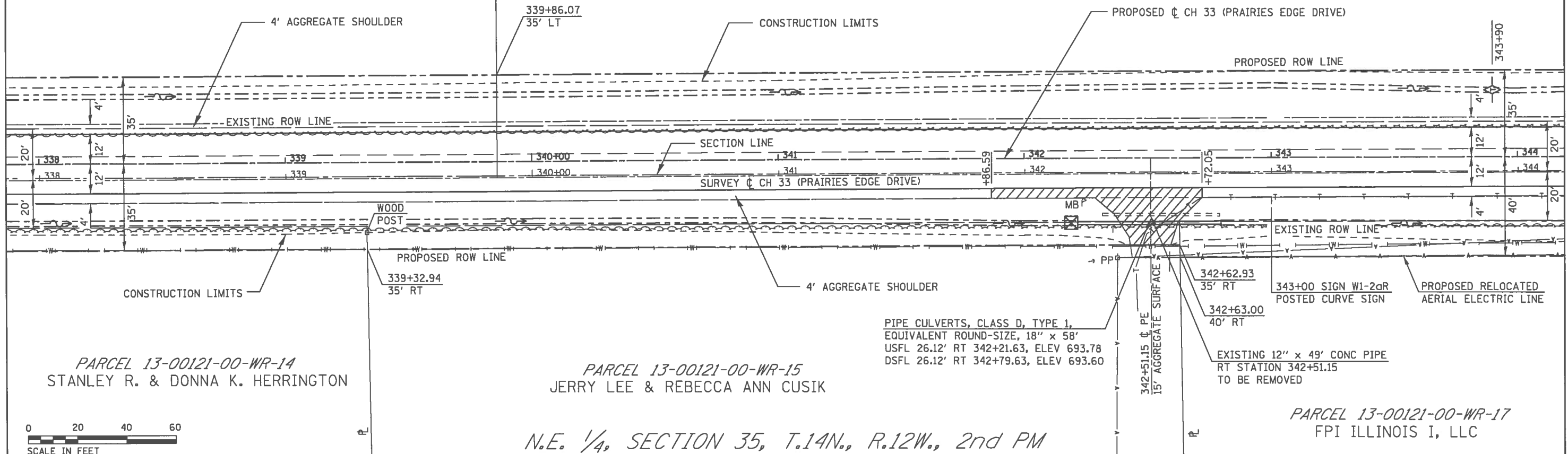


INCIDENTAL HOT-MIX ASPHALT SURFACING

PARCEL 13-00121-00-WR-12  
STANLEY R. & DONNA K. HERRINGTON

PARCEL 13-00121-00-WR-  
STANLEY R. & DONNA K. HERRINGTON

DATE	
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SURVEYED	
PLOTTED	
CHECKED	
RT. OF WAY CHECKED	
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NOTE BOOK	
STR. FILE NAME	
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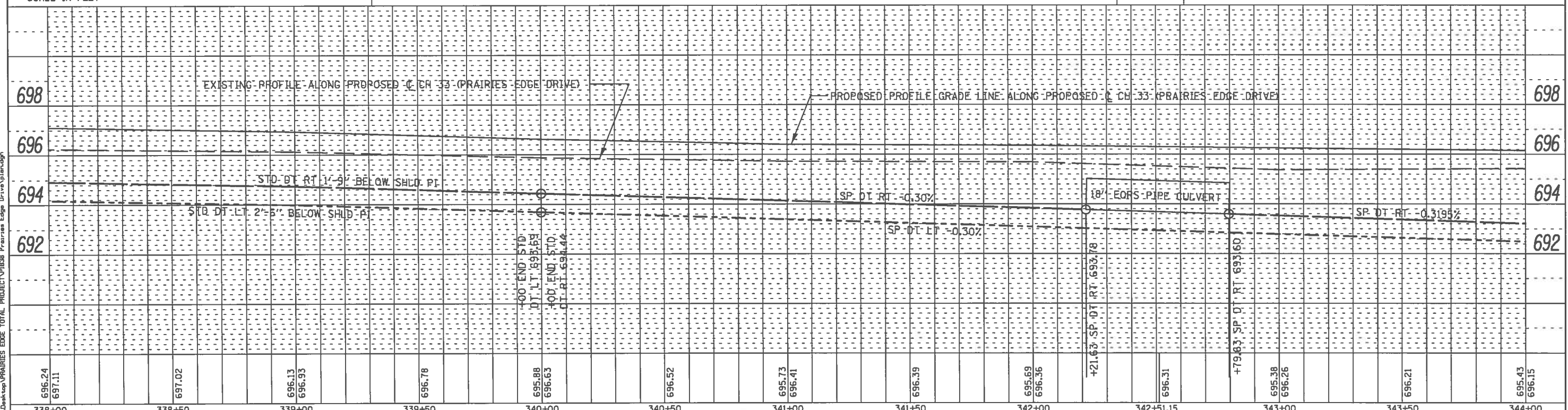
PARCEL 13-00121-00-WR-14  
STANLEY R. & DONNA K. HERRINGTON

PARCEL 13-00121-00-WR-15  
JERRY LEE & REBECCA ANN CUSIK

PARCEL 13-00121-00-WR-17  
FPI ILLINOIS I, LLC



DATE	
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PROFILE	
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PLOTTED	
CHECKED	
GRADES CHECKED	
NO. OF	
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696.24	697.11	697.02	696.13	696.93	696.78	695.88	696.63	696.52	695.73	696.41	696.39	695.69	696.36	696.31	695.38	696.26	696.21	695.43	696.15
338+00	338+50	339+00	339+50	340+00	340+50	341+00	341+50	342+00	342+50	343+00	343+50	344+00							

USER NAME = jhnr	DESIGNED - JHM	REVISED -
PLOT SCALE = 40.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

STA. 338+00	TO STA. 344+00
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STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: 1" = 20' HORZ, 1" = 2' VERT	SHEET 12 OF 18 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	58
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

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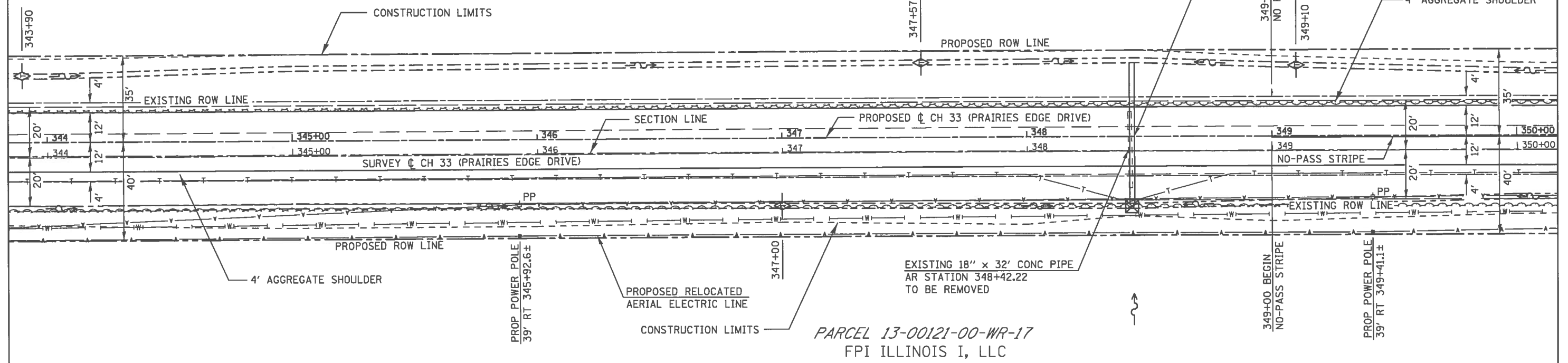
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PARCEL 13-00121-00-WR-  
STANLEY R. & DONNA K. HERRINGTON

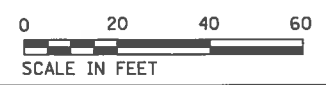
10

PIPE CULVERTS, CLASS D, TYPE 1,  
EQUIVALENT ROUND-SIZE, 24" x 57"  
USFL 27.12' RT 348+43, ELEV 691.80  
DSFL 29.88' LT 348+43, ELEV 691.16

PLAN	SURVEYED	DATE
	PLOTTED	
	REVISION	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	DATE FILED	
	FILE NAME	

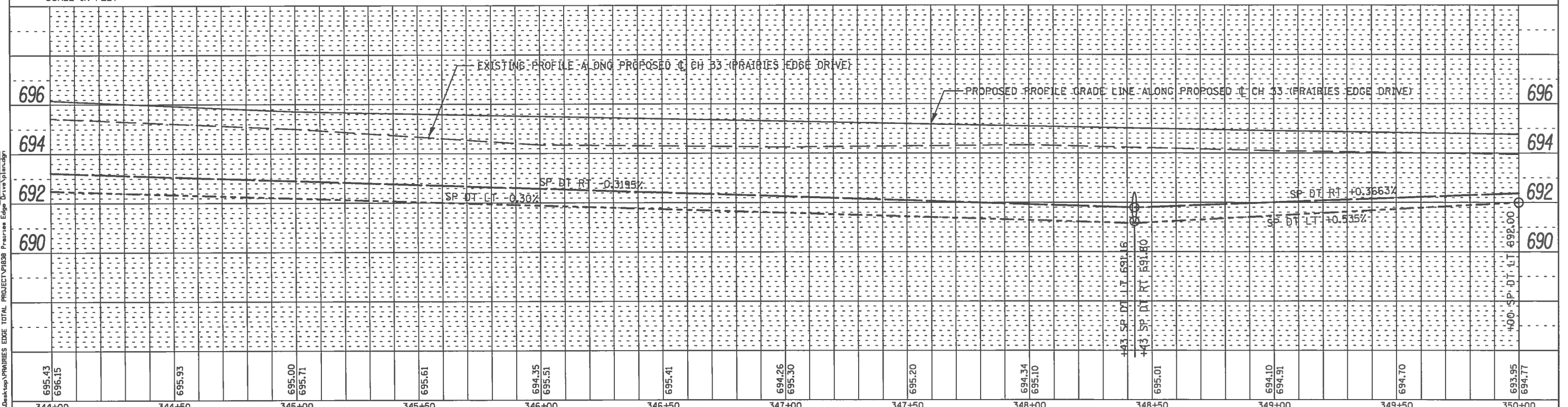


PARCEL 13-00121-00-WR-17  
FPI ILLINOIS I, LLC



N.E. 1/4, SECTION 35, T.14N., R.12W., 2nd PM

PROFILE	DESIGNED	DATE
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	REVISION	
	NO. OF SHEETS	
	NO. OF SHEETS CHECKED	
	DATE FILED	
	FILE NAME	



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PLLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

PLAN AND PROFILE CH 33	
STA. 344+00	TO STA. 350+00

STATE OF ILLINOIS		
DEPARTMENT OF TRANSPORTATION		
SCALE: 1" = 20' HORZ, 1" = 2' VERT	SHEET 13 OF 18 SHEETS	

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	59
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

N.W. 1/4, SECTION 35, T.14N., R.12W., 2nd PM

PARCEL 13-00121-00-WR-16  
STANLEY R. & DONNA K. HERRINGTON

FOR 1100th ROAD RETURN DETAILS, SEE SHEET 94

W1-8 CHEVRONS TO BE INSTALLED  
ON OUTSIDE OF CURVE @ 80'  
SPACING FROM PC TO PT (6 REQ)



PROP. CURVE DATA  
PI STA. = 355+45.85  
Δ = 89° 41' 25" (RT)  
D = 20° 50' 05"  
R = 275.00'  
T = 273.52'  
L = 430.48'  
E = 112.86'  
se = 0.06 FT/FT  
T.R. = 33.33'  
S.E. RUN = 166.67'  
P.C. STA = 352+72.32  
P.T. STA = 357+02.80  
SE ATTAINED:  
STATION 351+47.33 TO STATION 353+14.00  
STATION 356+61.14 TO STATION 358+27.81

AGGREGATE SURFACE COURSE,  
TYPE B  
INCIDENTAL HOT-MIX ASPHALT  
SURFACING

S.W. 1/4, SECTION 26, T.14N.,  
R.12W., 2nd PM

PARCEL 13-00121-00-WR-18  
FPI ILLINOIS I, LLC

PARCEL 13-00121-00-WR-19  
FPI ILLINOIS I, LLC

PARCEL 13-00121-00-WR-20  
FPI ILLINOIS I, LLC

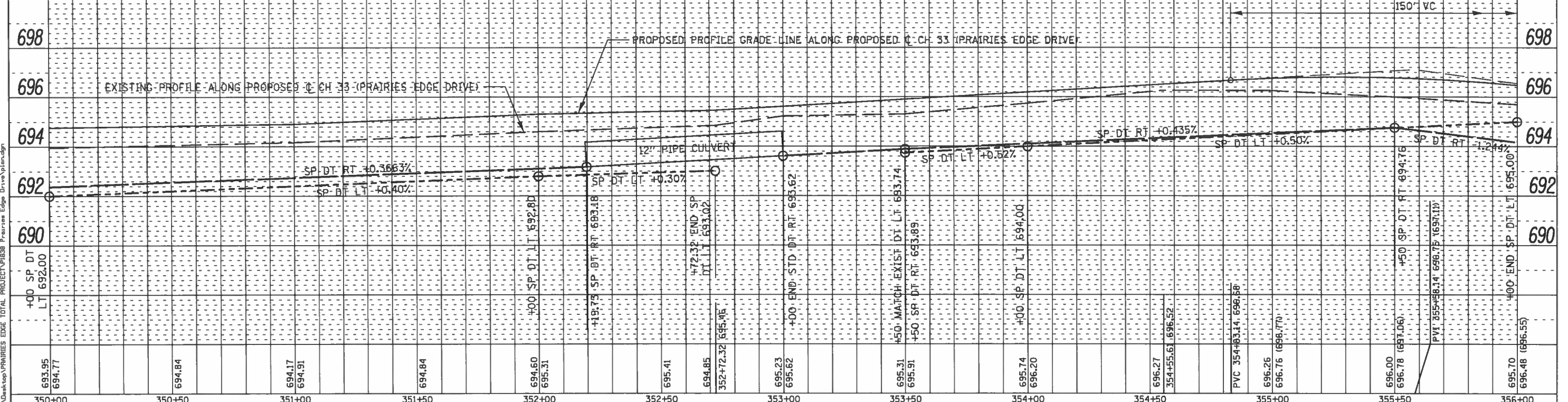
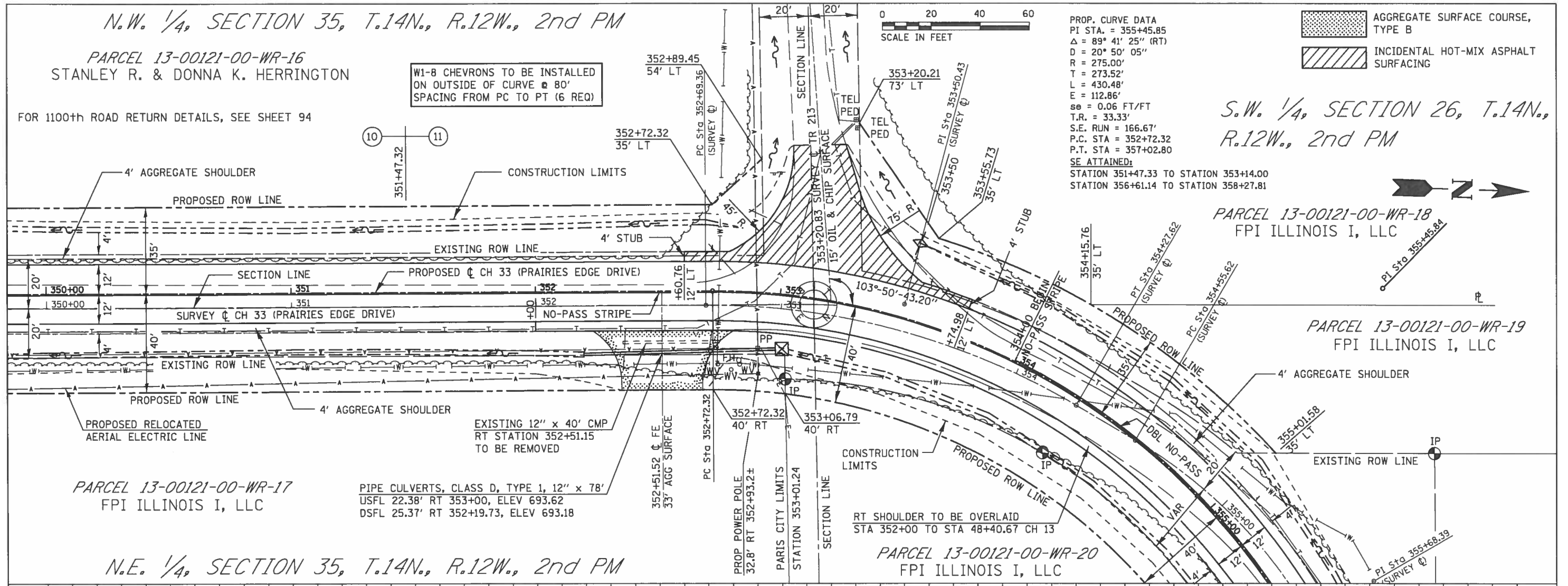
PARCEL 13-00121-00-WR-17  
FPI ILLINOIS I, LLC

PIPE CULVERTS, CLASS D, TYPE 1, 12" x 78'  
USFL 22.38' RT 353+00, ELEV 693.62  
DSFL 25.37' RT 352+19.73, ELEV 693.18

N.E. 1/4, SECTION 35, T.14N., R.12W., 2nd PM

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REVISION	
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DATE	
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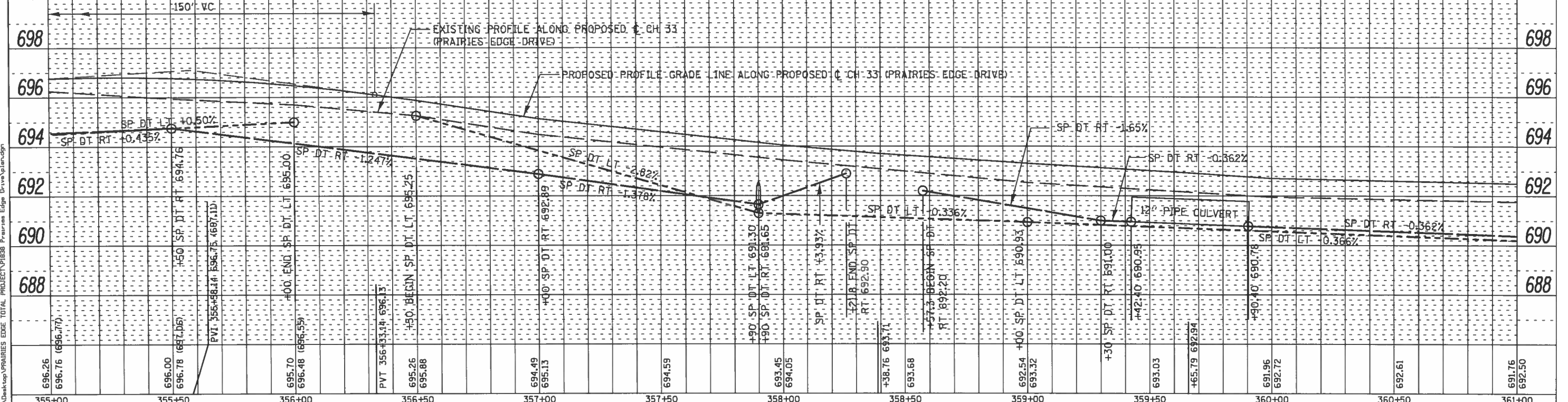
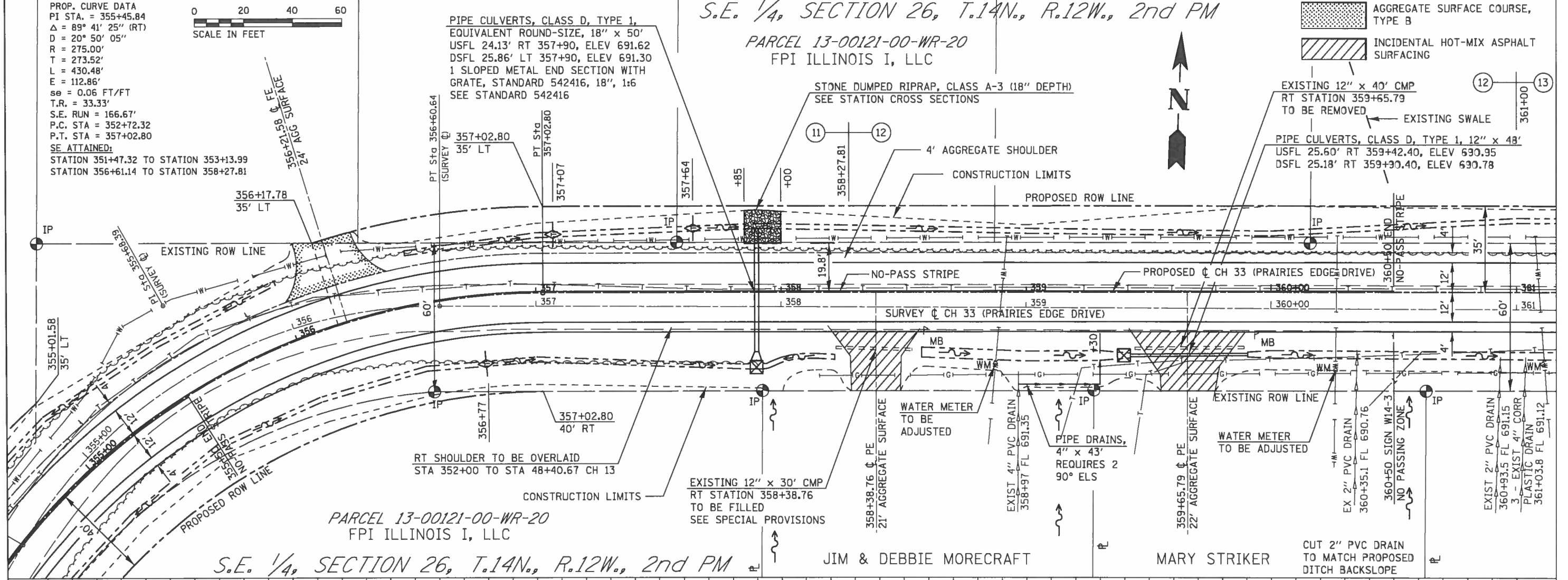
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REVISION	
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DATE	
BY	
REVISION	
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PLT SCALE = 48.8888 1/16"	DRAWN - JHM	REVISED -		CH 33	13-00121-00-WR	EDGAR	174	60
PLT DATE = 1/14/2018	CHECKED -	REVISED -		CONTRACT NO. 91529				
DATE = 08/2017	DATE = 08/2017	REVISED -		EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

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NOTED	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

DATE	
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PROFILE	
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NOTED	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	



696.26	696.76	696.00	696.78	695.70	696.48	696.59	695.26	695.88	694.49	695.13	694.59	693.45	694.05	693.76	693.71	693.68	692.54	693.32	691.03	691.79	692.94	691.96	692.72	692.61	691.76	692.50	
355+00	355+50	356+00	356+50	357+00	357+50	358+00	358+50	359+00	359+50	360+00	360+50	361+00															

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	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / IN.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

PLAN AND PROFILE CH 33	
STA. 355+00	TO STA. 361+00

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
SCALE: 1" = 20' HORIZ, 1" = 2' VERT	SHEET 15 OF 18 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	61
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

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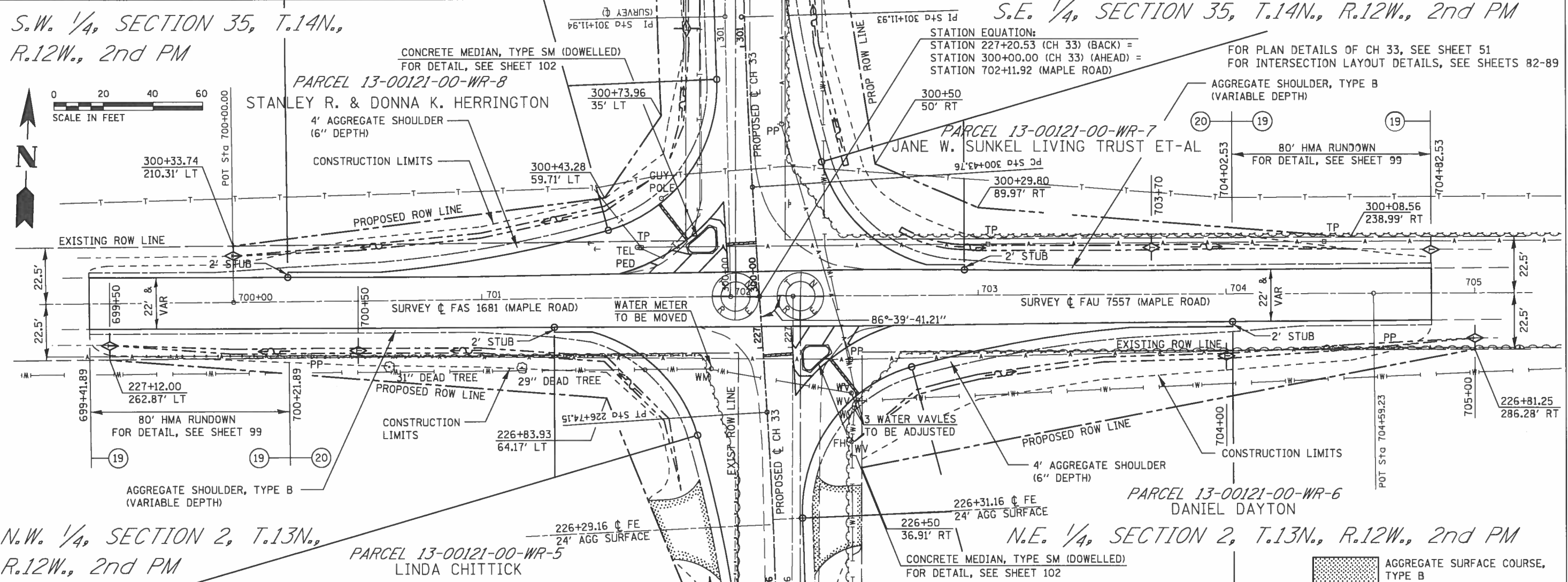


S.W. 1/4, SECTION 35, T.14N.,  
R.12W., 2nd PM

S.E. 1/4, SECTION 35, T.14N., R.12W., 2nd PM



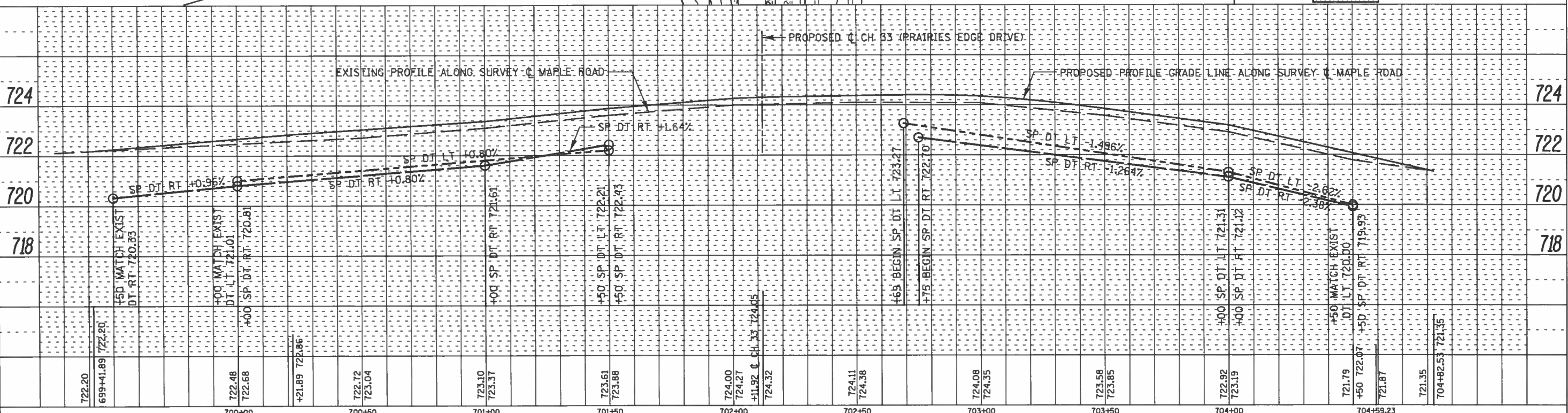
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N.W. 1/4, SECTION 2, T.13N.,  
R.12W., 2nd PM

N.E. 1/4, SECTION 2, T.13N., R.12W., 2nd PM

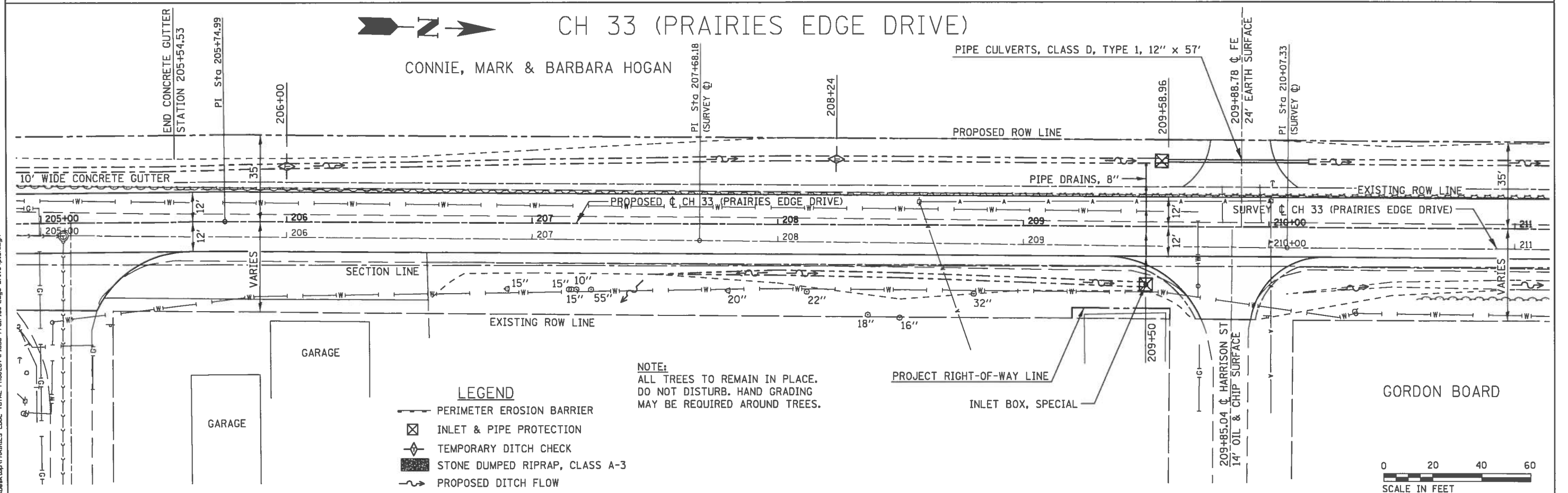
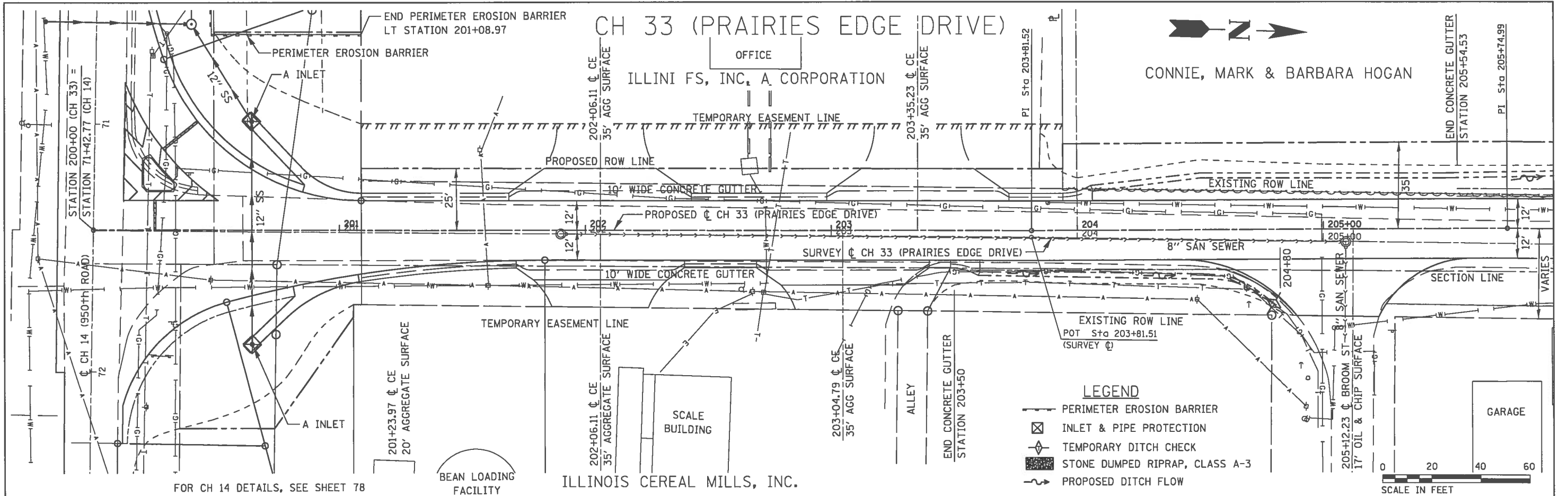
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PLANNED	
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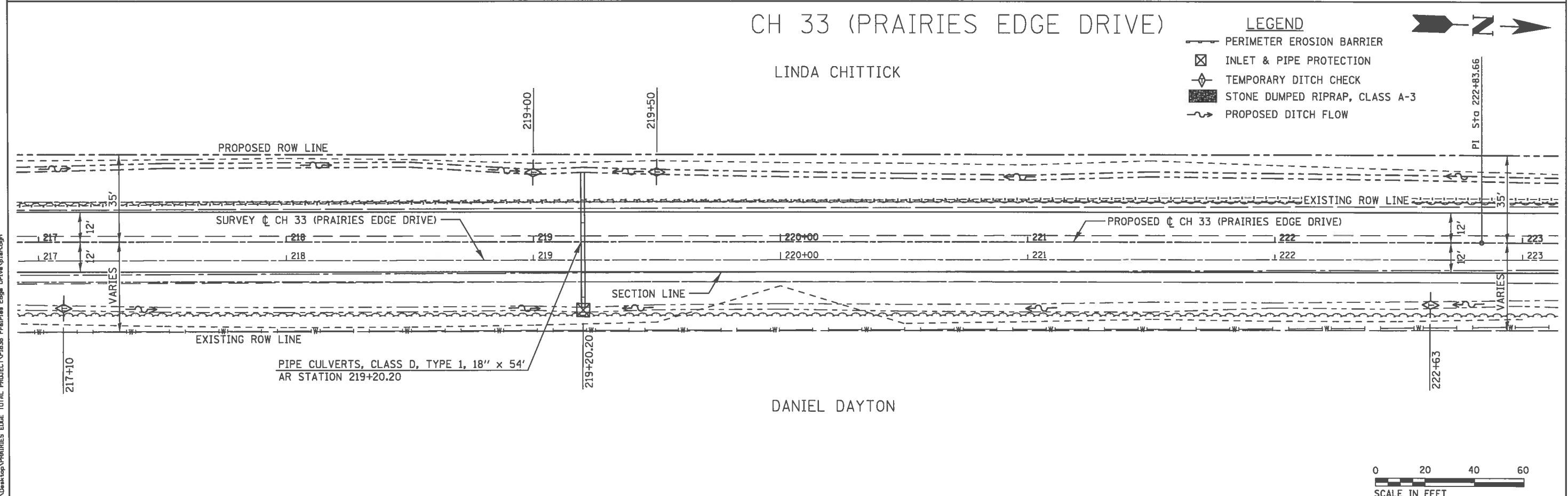
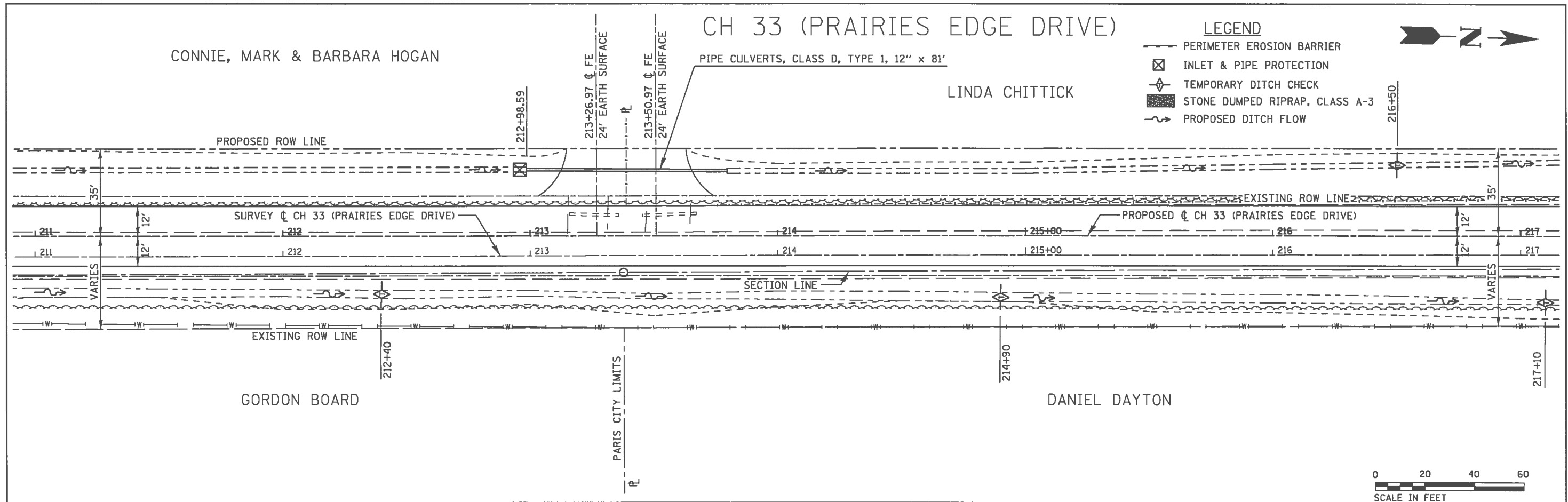
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PLOT SCALE = 48.8888' / in.	DRAWN - JHM	REVISED -		<b>DEPARTMENT OF TRANSPORTATION</b>			CH 33	13-00121-00-WR	EDGAR	174	67
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -		STA. 699+00	TO STA. 705+00	SCALE: 1" = 20' HORIZ, 1" = 2' VERT	SHEET 1 OF 1 SHEET			CONTRACT NO. 91529	
							EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	





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USER NAME = jmor	DESIGNED - JHM	REVISED -	<b>EROSION CONTROL DETAILS</b>				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000' / 1" =	DRAWN - JHM	REVISED -									CH 33	13-00121-00-WR	EDGAR	174	69
PLOT DATE = 1/14/2018	CHECKED -	REVISED -	SCALE: 1" = 20'				SHEET 1 OF 10 SHEETS STA. 200+12 TO STA. 211+00				CONTRACT NO. 91529				
	DATE - 08/2017	REVISED -					EDGAR COUNTY, ILLINOIS				FED. AID PROJECT				



C:\Users\jmor\Desktop\PRAIRIES EDGE TOTAL PROJECT\PIB38 Prairies Edge Drive\plan.dgn

USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.8888' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

**EROSION CONTROL DETAILS**

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

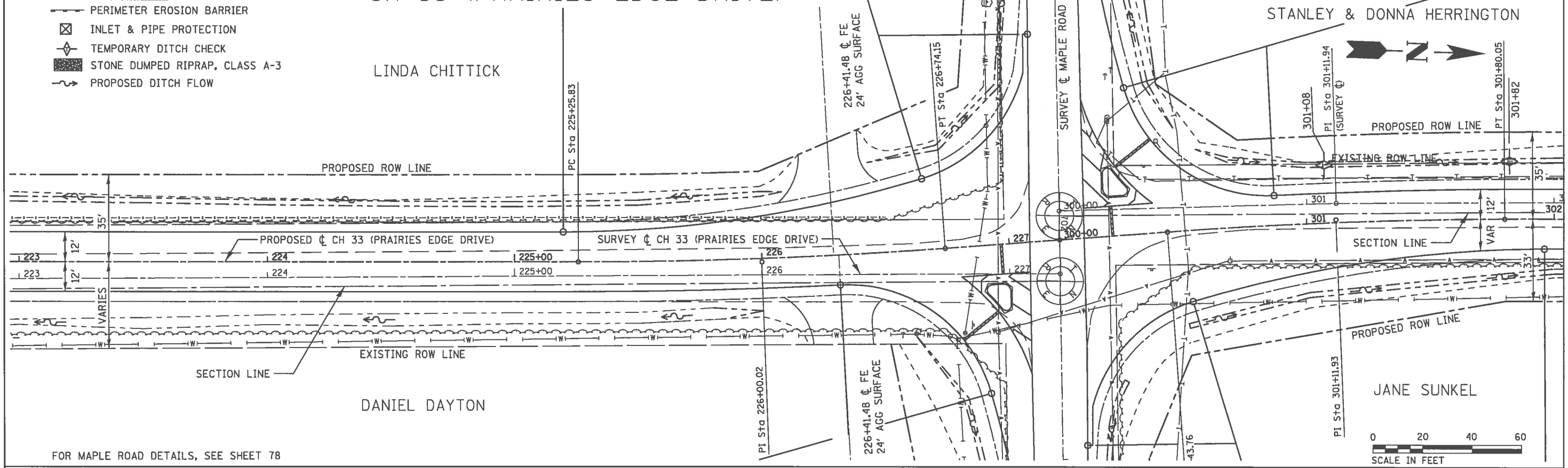
SCALE: 1" = 20'    SHEET 2 OF 10 SHEETS    STA. 211+00 TO STA. 223+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	70
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
			FED. AID PROJECT	

**LEGEND**

- PERIMETER EROSION BARRIER
- ⊠ INLET & PIPE PROTECTION
- ◇ TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW

**CH 33 (PRAIRIES EDGE DRIVE)**

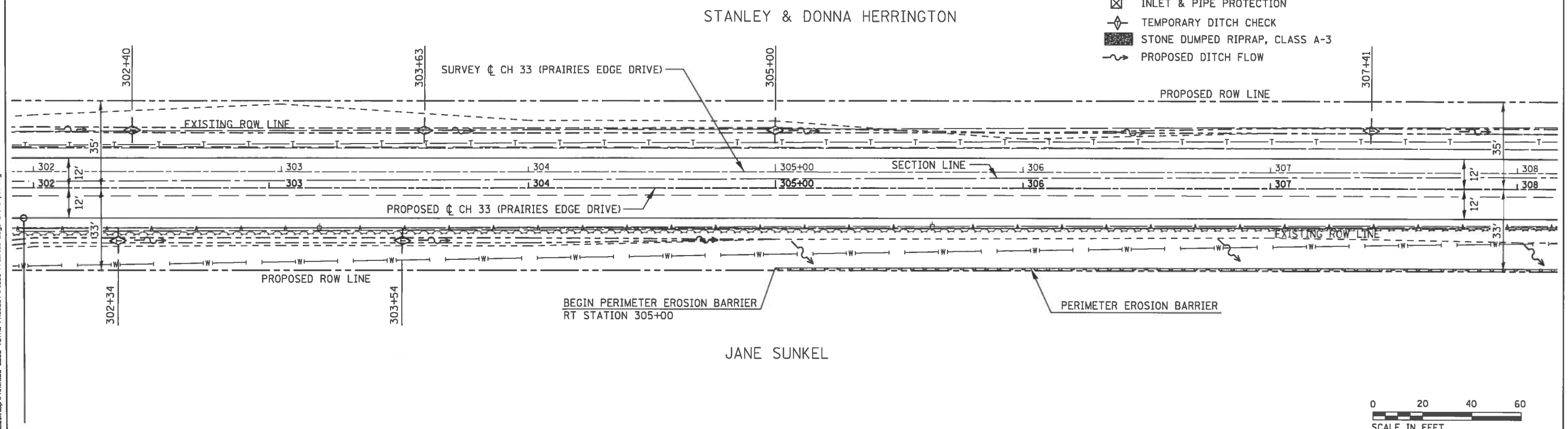


FOR MAPLE ROAD DETAILS, SEE SHEET 78

**CH 33 (PRAIRIES EDGE DRIVE)**

**LEGEND**

- PERIMETER EROSION BARRIER
- ⊠ INLET & PIPE PROTECTION
- ◇ TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW



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USER NAME = jmor	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

**EROSION CONTROL DETAILS**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20' SHEET 3 OF 10 SHEETS STA. 223+00 TO STA. 308+00

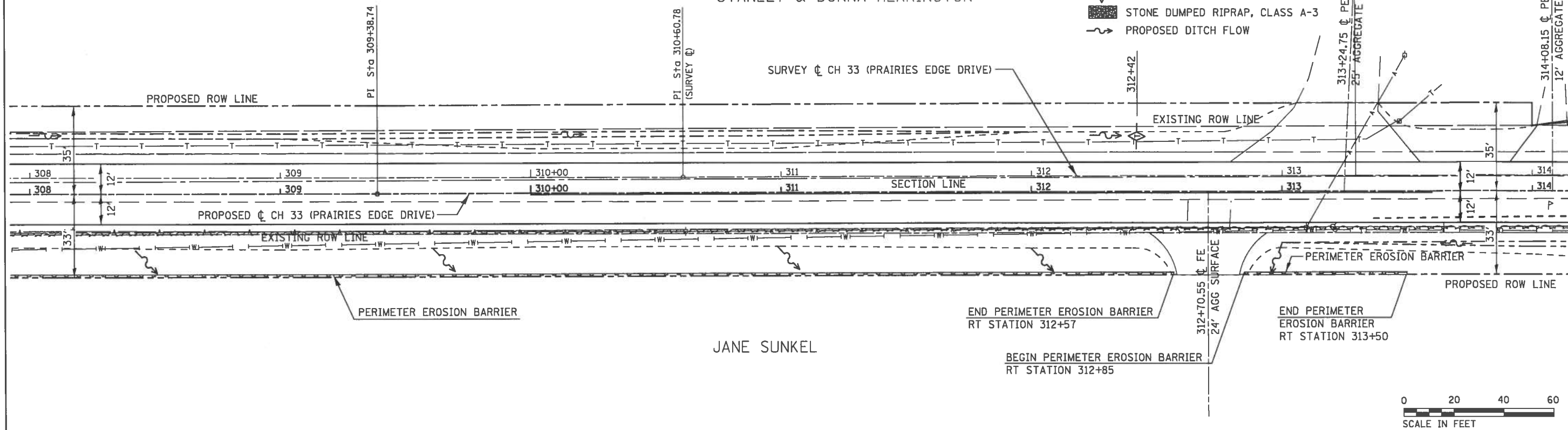
ROUTE	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	71
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
			FED. AID PROJECT	

# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON

## LEGEND

- PERIMETER EROSION BARRIER
- ⊠ INLET & PIPE PROTECTION
- ◇ TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- ~ PROPOSED DITCH FLOW



JANE SUNKEL

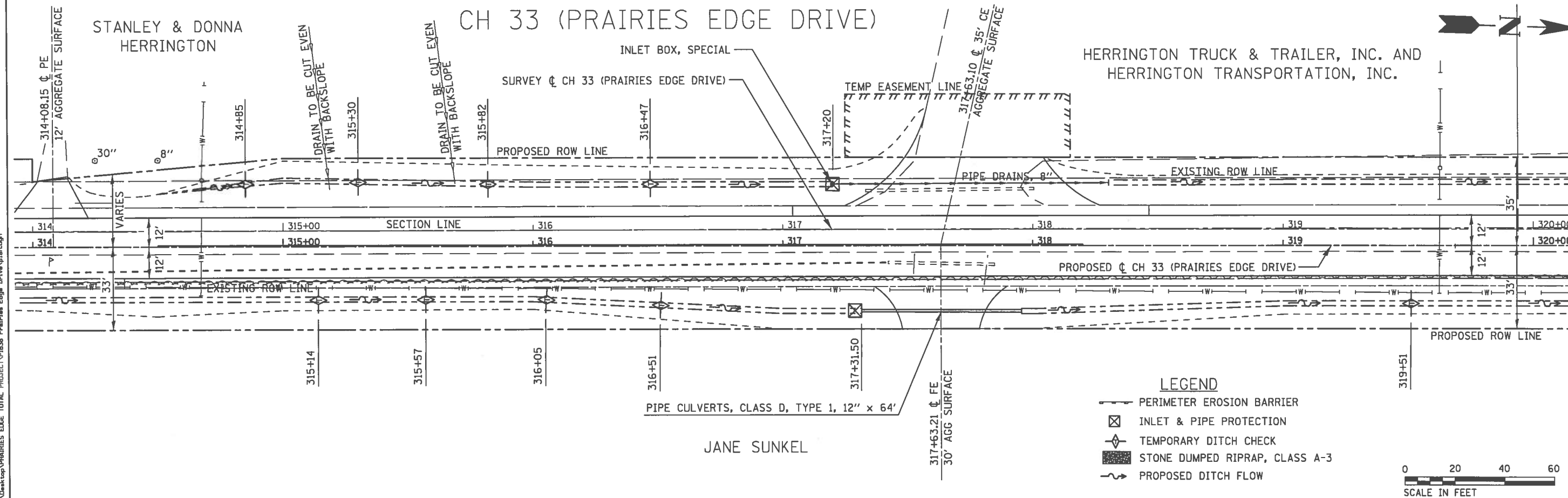
# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON

HERRINGTON TRUCK & TRAILER, INC. AND HERRINGTON TRANSPORTATION, INC.

## LEGEND

- PERIMETER EROSION BARRIER
- ⊠ INLET & PIPE PROTECTION
- ◇ TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- ~ PROPOSED DITCH FLOW



JANE SUNKEL

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USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

### EROSION CONTROL DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20' SHEET 4 OF 10 SHEETS STA. 308+00 TO STA. 320+00

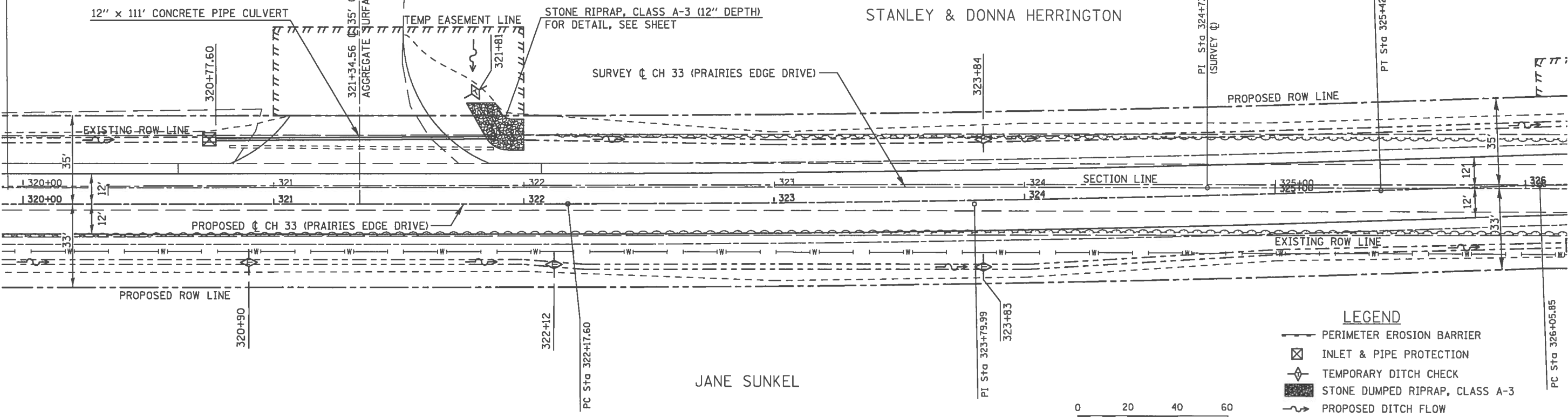
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	72
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
FED. AID PROJECT				



HERRINGTON TRUCK & TRAILER, INC. AND  
HERRINGTON TRANSPORTATION, INC.

# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON

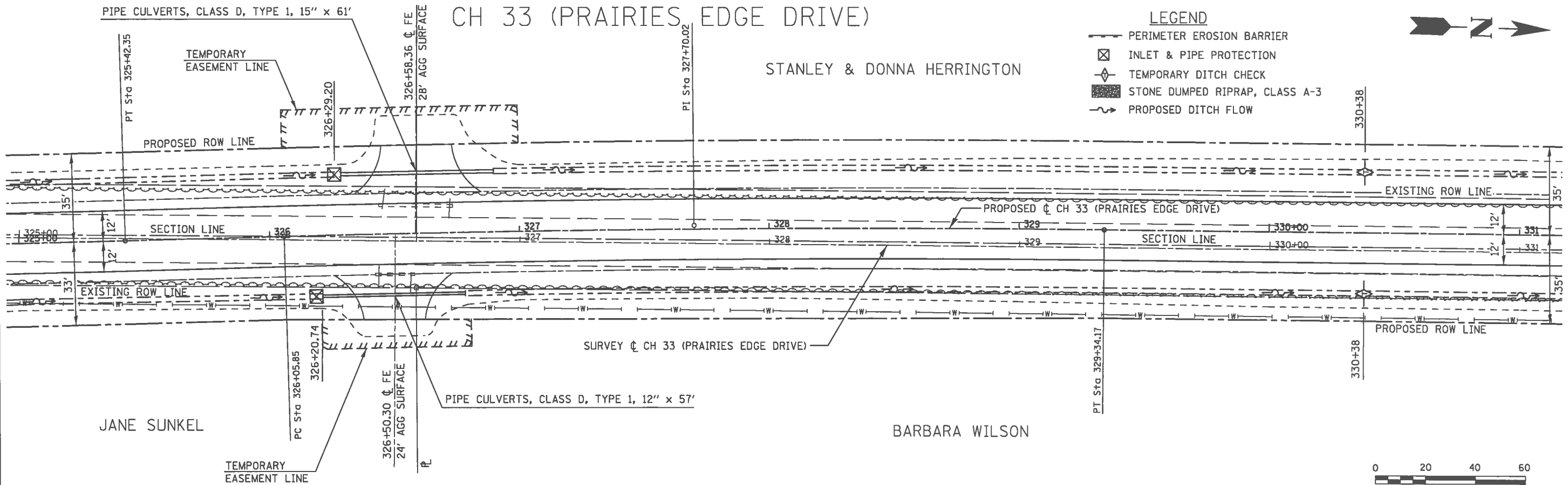


JANE SUNKEL

PIPE CULVERTS, CLASS D, TYPE 1, 15" x 61'

# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON



JANE SUNKEL

BARBARA WILSON

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USER NAME = jmur	DESIGNED - JHM	REVISED -
	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / in.	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

### EROSION CONTROL DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	73
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
			FED. AID PROJECT	

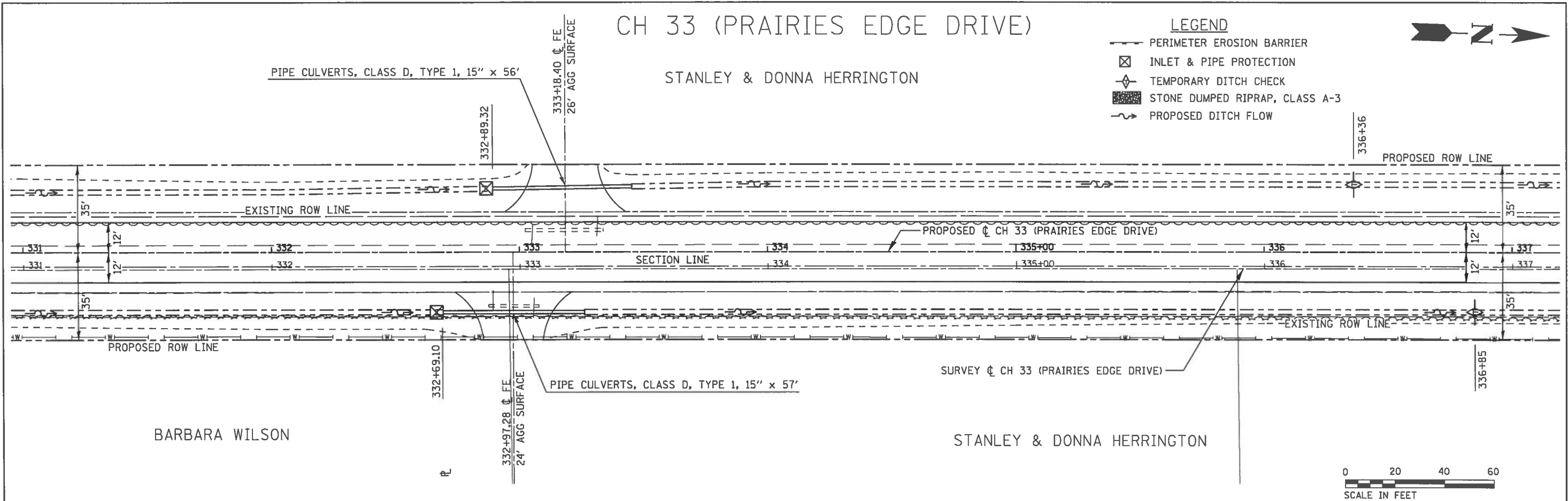
SCALE: 1" = 20' SHEET 5 OF 10 SHEETS STA. 320+00 TO STA. 331+00

# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON

## LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW

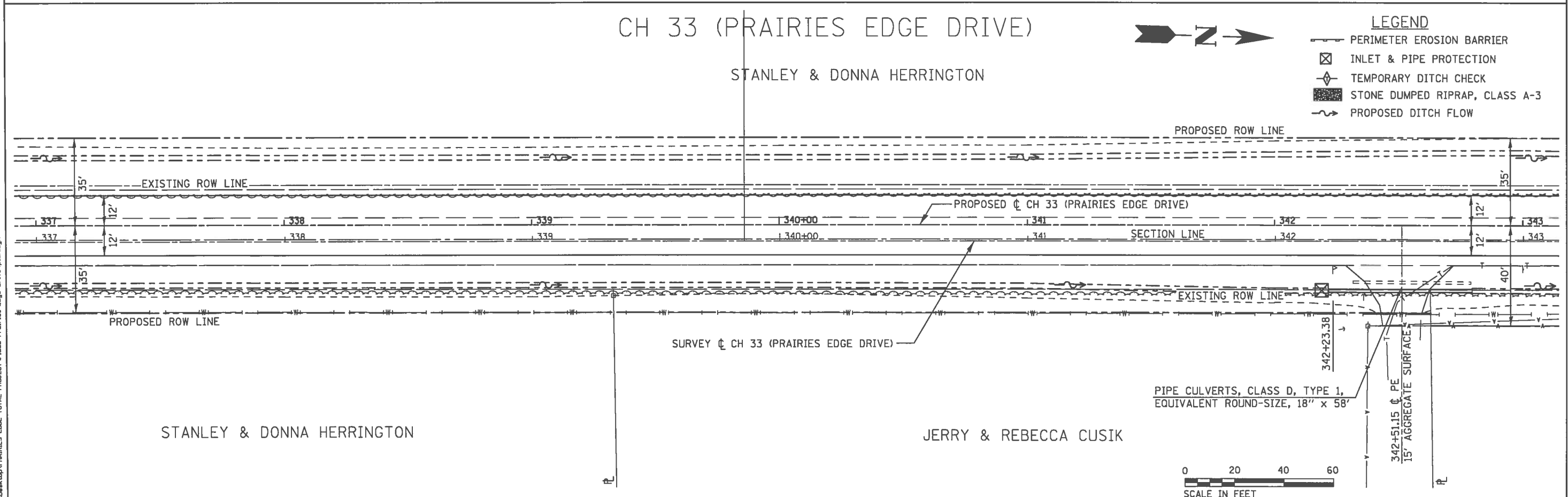


# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON

## LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW



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USER NAME = jmor	DESIGNED - JHM	REVISED -	<b>EROSION CONTROL DETAILS</b>	<b>STATE OF ILLINOIS</b>				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 48.8888' / 1"	DRAWN - JHM	REVISED -		<b>DEPARTMENT OF TRANSPORTATION</b>				CH 33	13-00121-00-WR	EDGAR	174	74
PLOT DATE = 1/14/2018	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET 6	OF 10 SHEETS	STA. 331+00	TO STA. 343+00	<b>CONTRACT NO. 91529</b>			
	DATE - 08/2017	REVISED -		EDGAR COUNTY, ILLINOIS      FED. AID PROJECT								

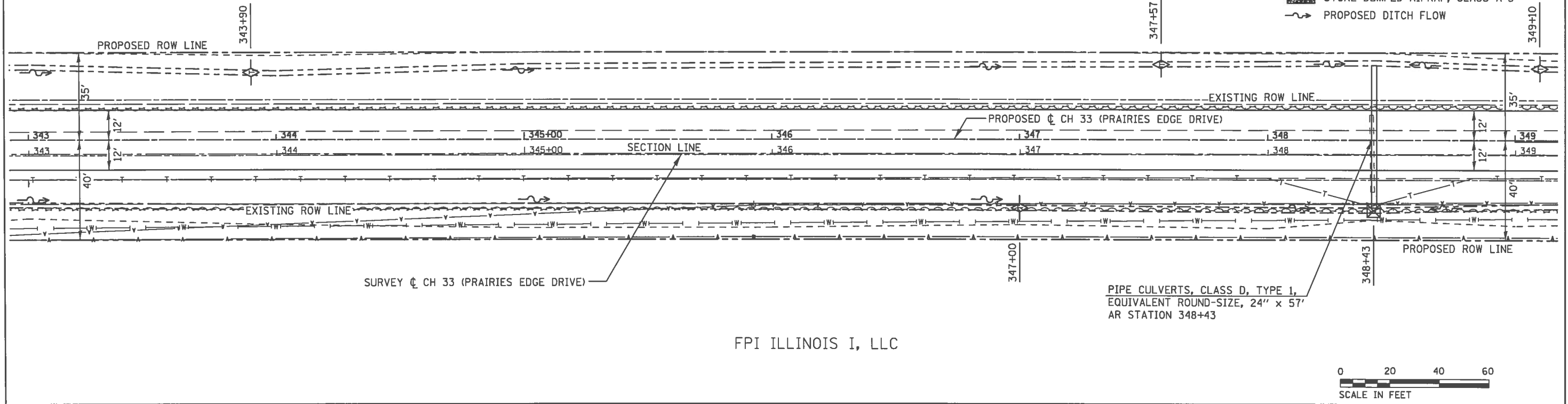
# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON



## LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW



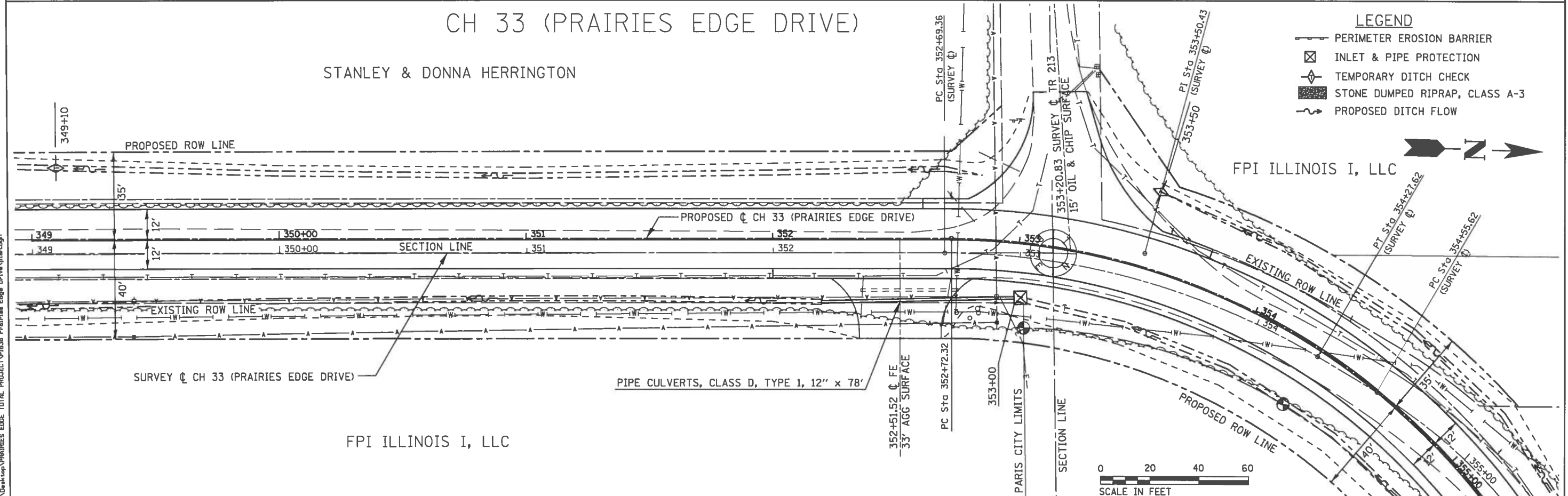
FPI ILLINOIS I, LLC

# CH 33 (PRAIRIES EDGE DRIVE)

STANLEY & DONNA HERRINGTON

## LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW



FPI ILLINOIS I, LLC

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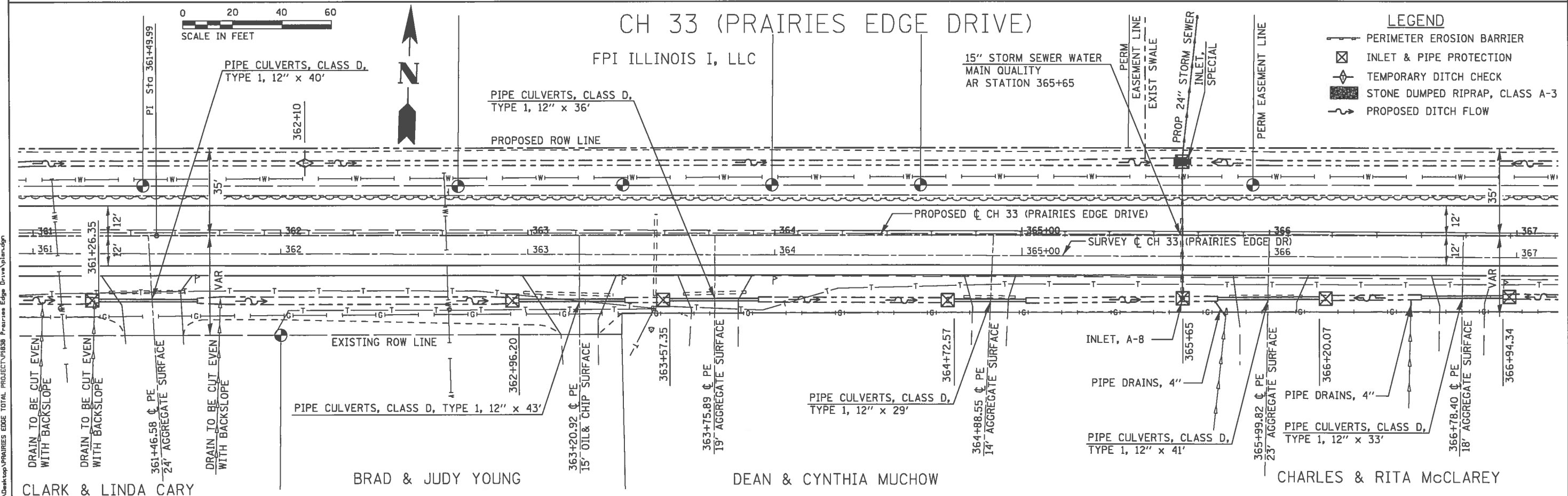
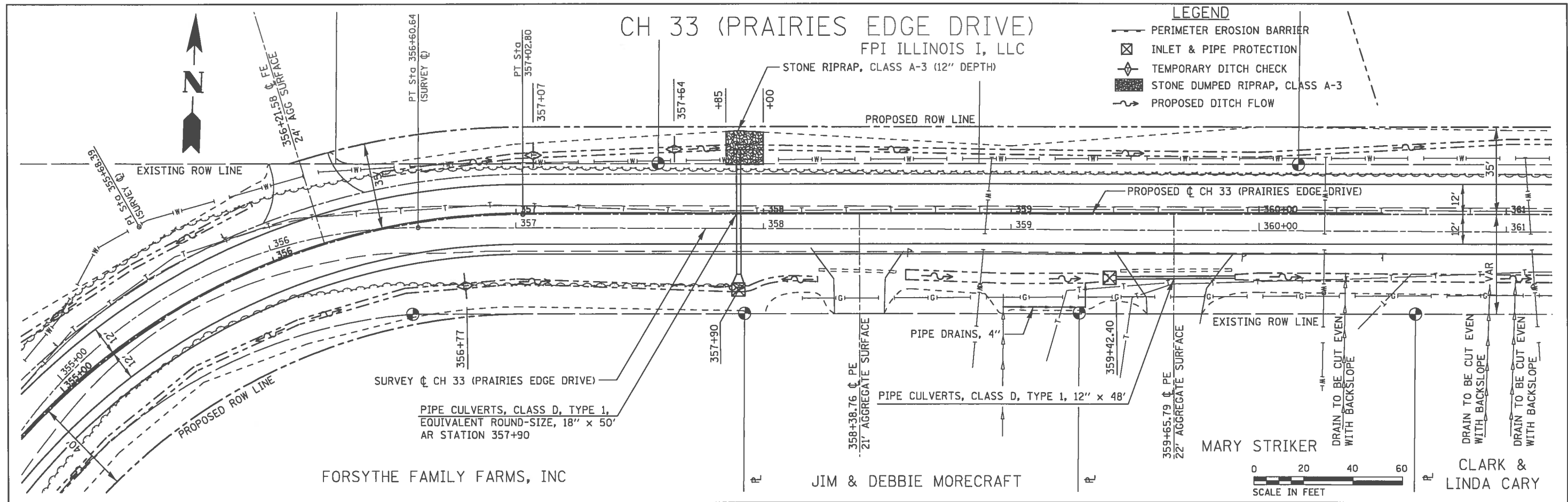
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	DRAWN - JHM	REVISED -
PLOT SCALE = 48.8888' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

### EROSION CONTROL DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20' SHEET 7 OF 10 SHEETS STA. 343+00 TO STA. 355+00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	75
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
			FED. AID PROJECT	



USER NAME = jhmr PLOT SCALE = 48.8888' / 1" = 1/4" = 1/4" = 1/4" PLOT DATE = 1/14/2018	DESIGNED - JHM	REVISED -	<b>EROSION CONTROL DETAILS</b>	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>			ROUTE	SECTION	COUNTY	TOTAL SHEET NO.
	DRAWN - JHM	REVISED -		CH 33	13-00121-00-WR	EDGAR	174	76		
	CHECKED -	REVISED -		SCALE: 1" = 20' SHEET 8 OF 10 SHEETS STA. 355+00 TO STA. 367+00			EDGAR COUNTY, ILLINOIS	FED. AID PROJECT	CONTRACT NO. 91529	
DATE - 08/2017	REVISED -									

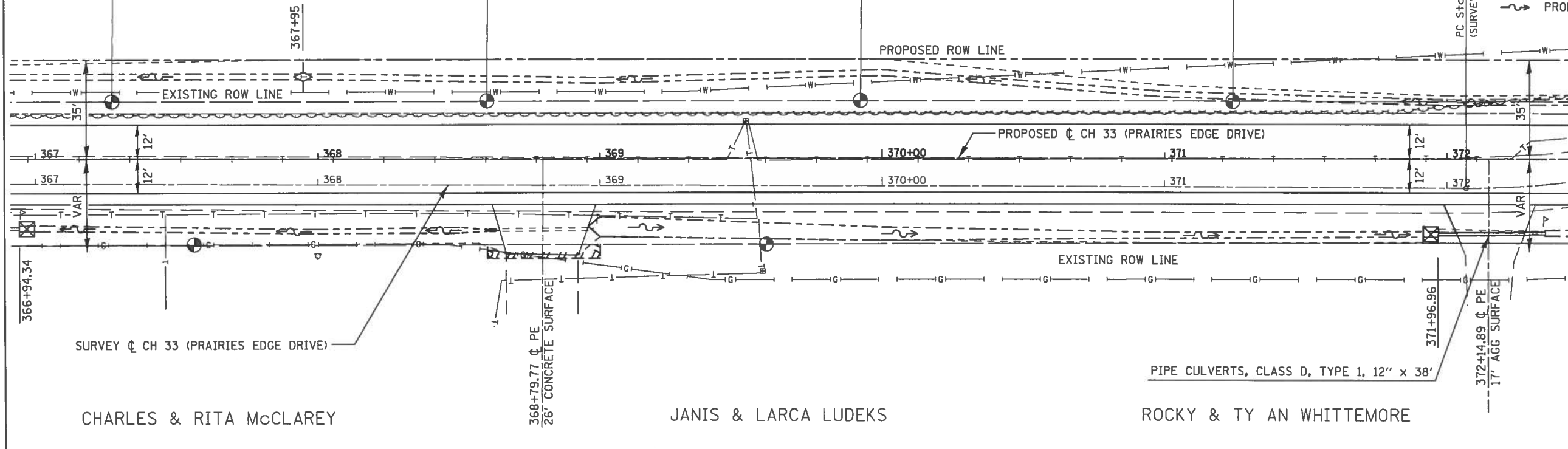
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# CH 33 (PRAIRIES EDGE DRIVE)

FPI ILLINOIS I, LLC

## LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW

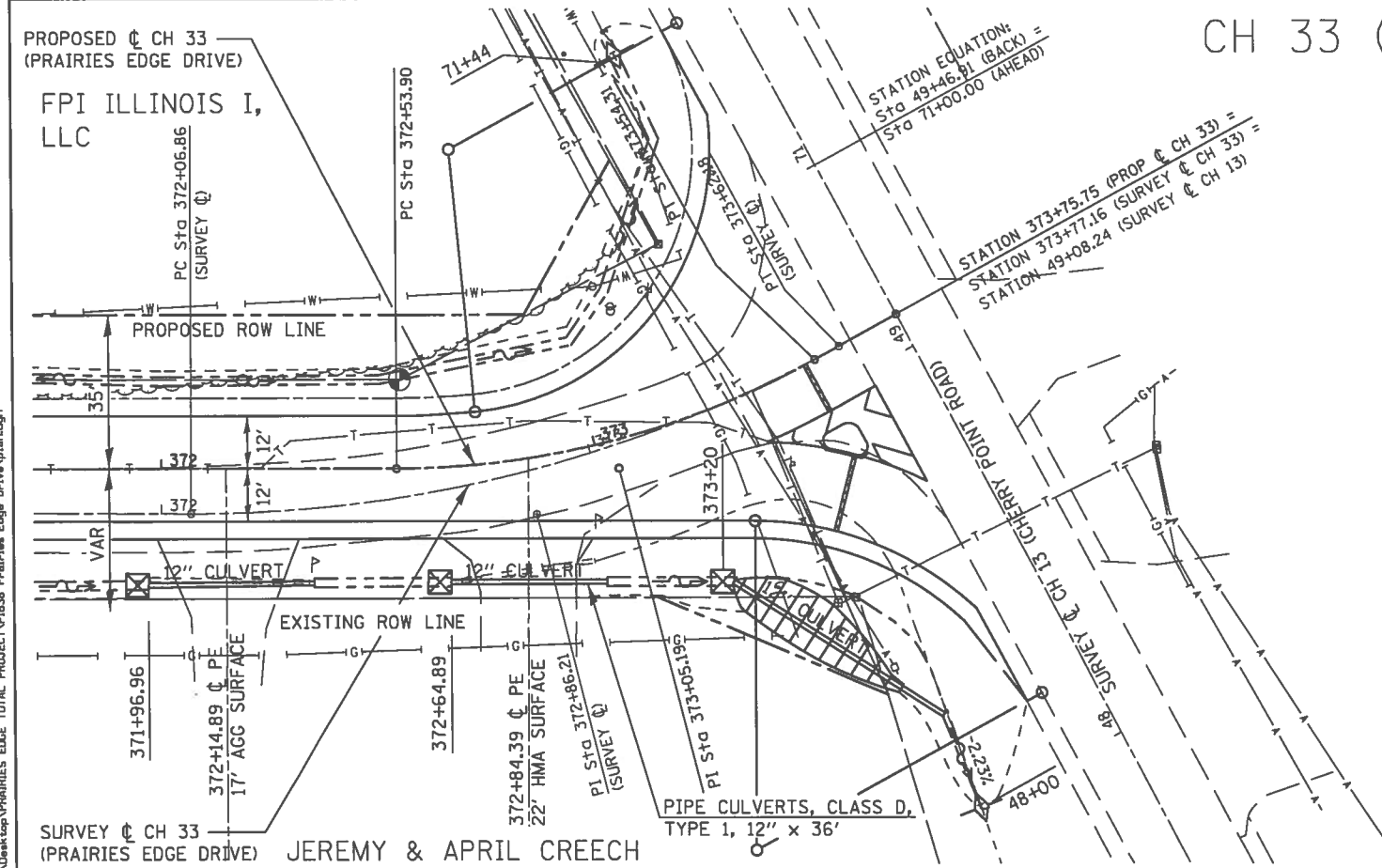


# CH 33 (PRAIRIES EDGE DRIVE)

FPI ILLINOIS I, LLC

## LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A-3
- PROPOSED DITCH FLOW



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PLOT SCALE = 48,8888' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

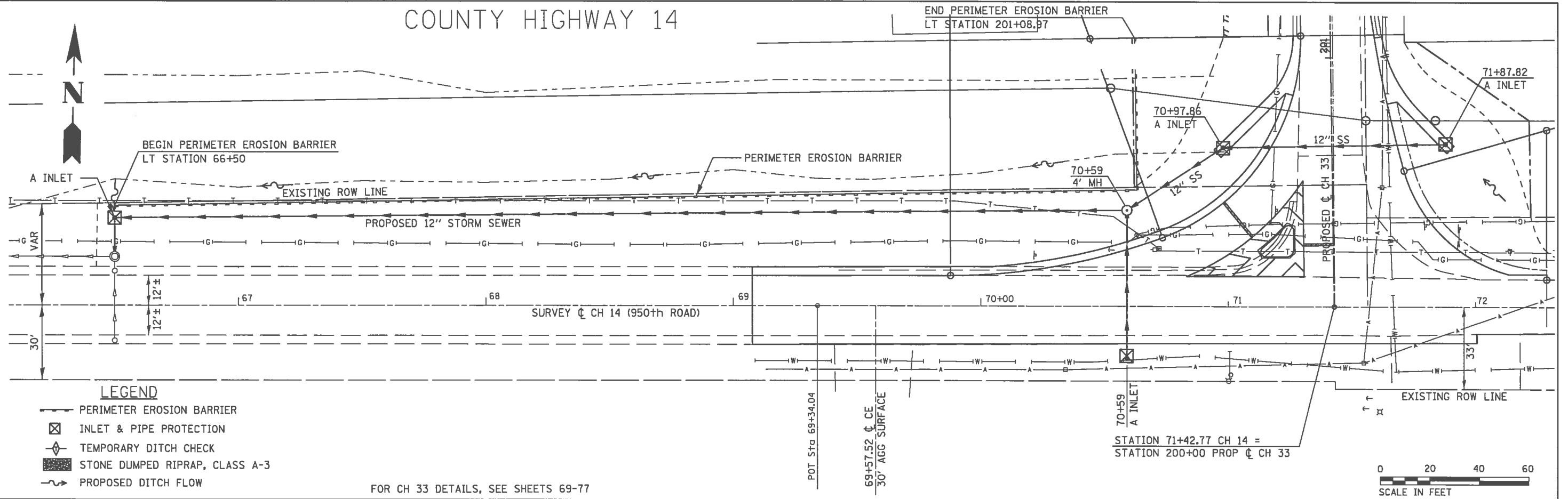
### EROSION CONTROL DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20' SHEET 9 OF 10 SHEETS STA. 367+00 TO STA. 373+63.69

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	77
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
FED. AID PROJECT				

# COUNTY HIGHWAY 14



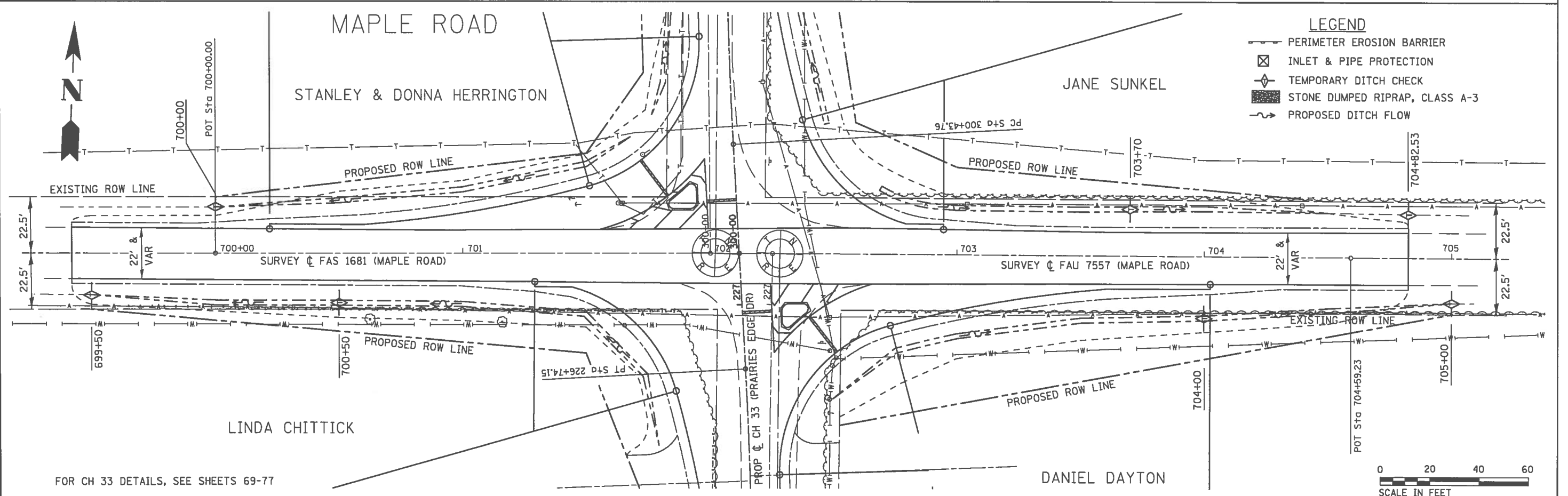
### LEGEND

- PERIMETER EROSION BARRIER
- ⊠ INLET & PIPE PROTECTION
- ◇ TEMPORARY DITCH CHECK
- ▨ STONE DUMPED RIPRAP, CLASS A-3
- ~ PROPOSED DITCH FLOW

FOR CH 33 DETAILS, SEE SHEETS 69-77



# MAPLE ROAD



### LEGEND

- PERIMETER EROSION BARRIER
- ⊠ INLET & PIPE PROTECTION
- ◇ TEMPORARY DITCH CHECK
- ▨ STONE DUMPED RIPRAP, CLASS A-3
- ~ PROPOSED DITCH FLOW

FOR CH 33 DETAILS, SEE SHEETS 69-77



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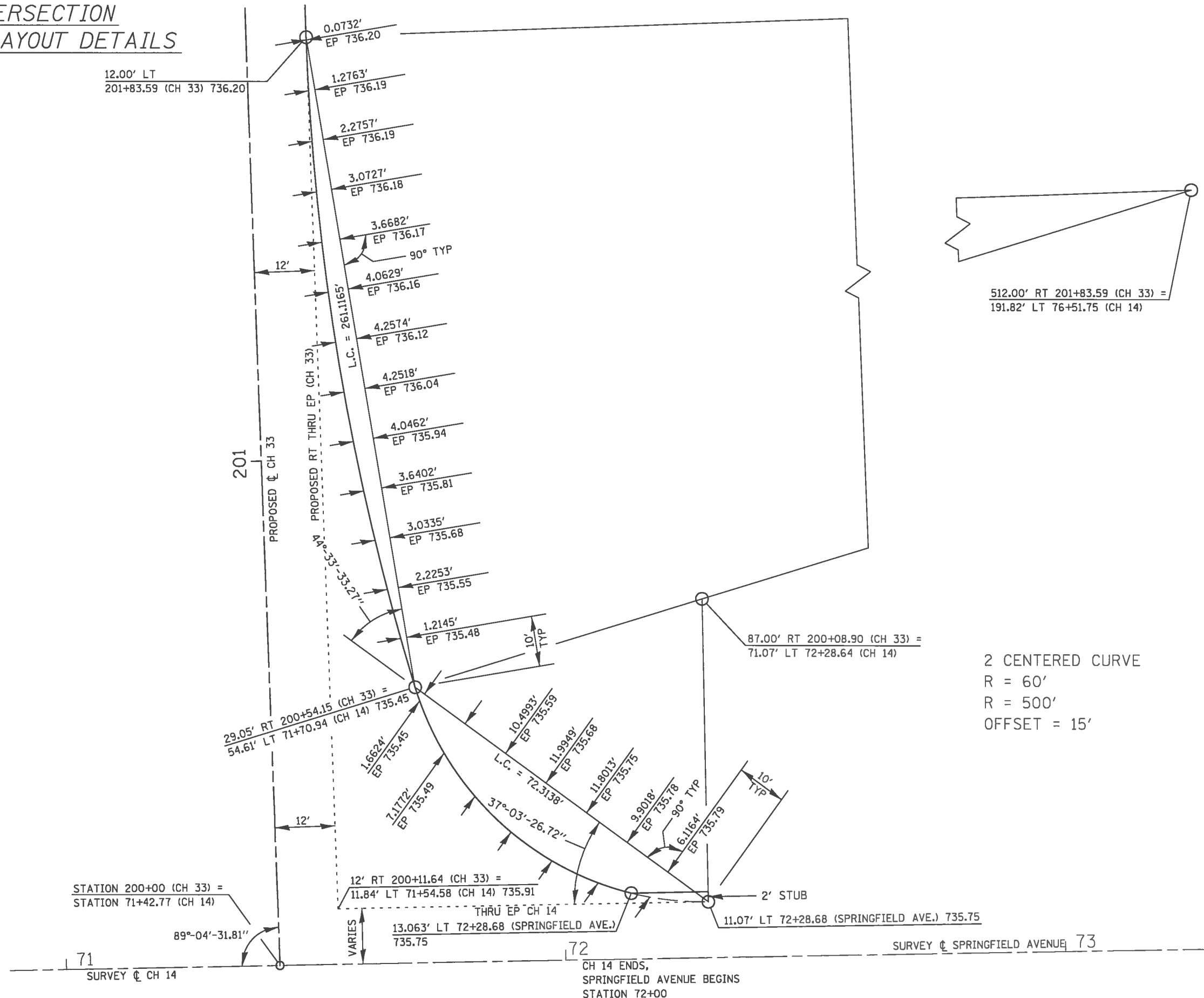
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PLOT SCALE = 48.8888' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

### EROSION CONTROL DETAILS

STATE OF ILLINOIS		ROUTE		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
DEPARTMENT OF TRANSPORTATION		CH 33		13-00121-00-WR		EDGAR		174		78	
SCALE: 1" = 20'		SHEET 10		OF 10 SHEETS		STA. 699+00 TO STA. 705+00 MAPLE RD		EDGAR COUNTY, ILLINOIS		CONTRACT NO. 91529	
						FED. AID PROJECT					



# CH 33 / CH 14 INTERSECTION NORTHEAST QUADRANT LAYOUT DETAILS



512.00' RT 201+83.59 (CH 33) =  
191.82' LT 76+51.75 (CH 14)

87.00' RT 200+08.90 (CH 33) =  
71.07' LT 72+28.64 (CH 14)

2 CENTERED CURVE  
R = 60'  
R = 500'  
OFFSET = 15'

STATION 200+00 (CH 33) =  
STATION 71+42.77 (CH 14)

12' RT 200+11.64 (CH 33) =  
11.84' LT 71+54.58 (CH 14) 735.91

13.063' LT 72+28.68 (SPRINGFIELD AVE.)  
735.75

11.07' LT 72+28.68 (SPRINGFIELD AVE.) 735.75

SURVEY & SPRINGFIELD AVENUE 73

CH 14 ENDS,  
SPRINGFIELD AVENUE BEGINS  
STATION 72+00

FOR EDGE OF PAVEMENT PROFILES, SEE SHEET 81

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USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.8888' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

## CH 33 / CH 14 INTERSECTION DETAILS NORTHEAST QUADRANT

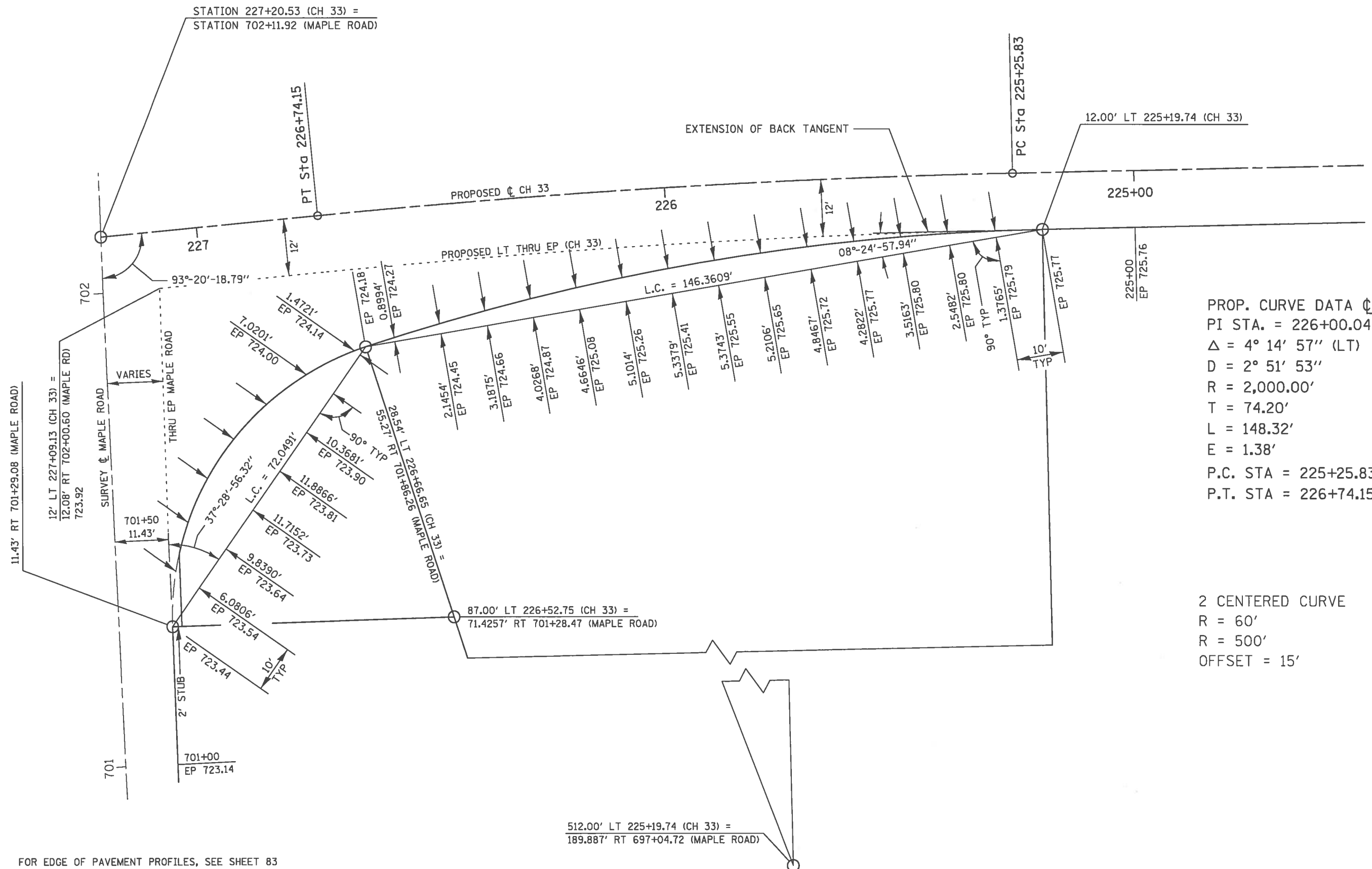
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE: 1" = 10'	SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	80
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 91529				





# CH 33 / MAPLE ROAD INTERSECTION SOUTHWEST QUADRANT LAYOUT DETAILS



**PROP. CURVE DATA @ CH 33**  
 PI STA. = 226+00.04  
 $\Delta = 4^\circ 14' 57''$  (LT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 74.20'$   
 $L = 148.32'$   
 $E = 1.38'$   
 P.C. STA = 225+25.83  
 P.T. STA = 226+74.15

**2 CENTERED CURVE**  
 $R = 60'$   
 $R = 500'$   
 OFFSET = 15'

512.00' LT 225+19.74 (CH 33) =  
 189.887' RT 697+04.72 (MAPLE ROAD)

FOR EDGE OF PAVEMENT PROFILES, SEE SHEET 83

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USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

**CH 33 / MAPLE ROAD INTERSECTION DETAILS**  
**SOUTHWEST QUADRANT**

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

SCALE: 1" = 10'    SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	82
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT			CONTRACT NO. 91529	





DATE	
BY	
FINAL SURVEY PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

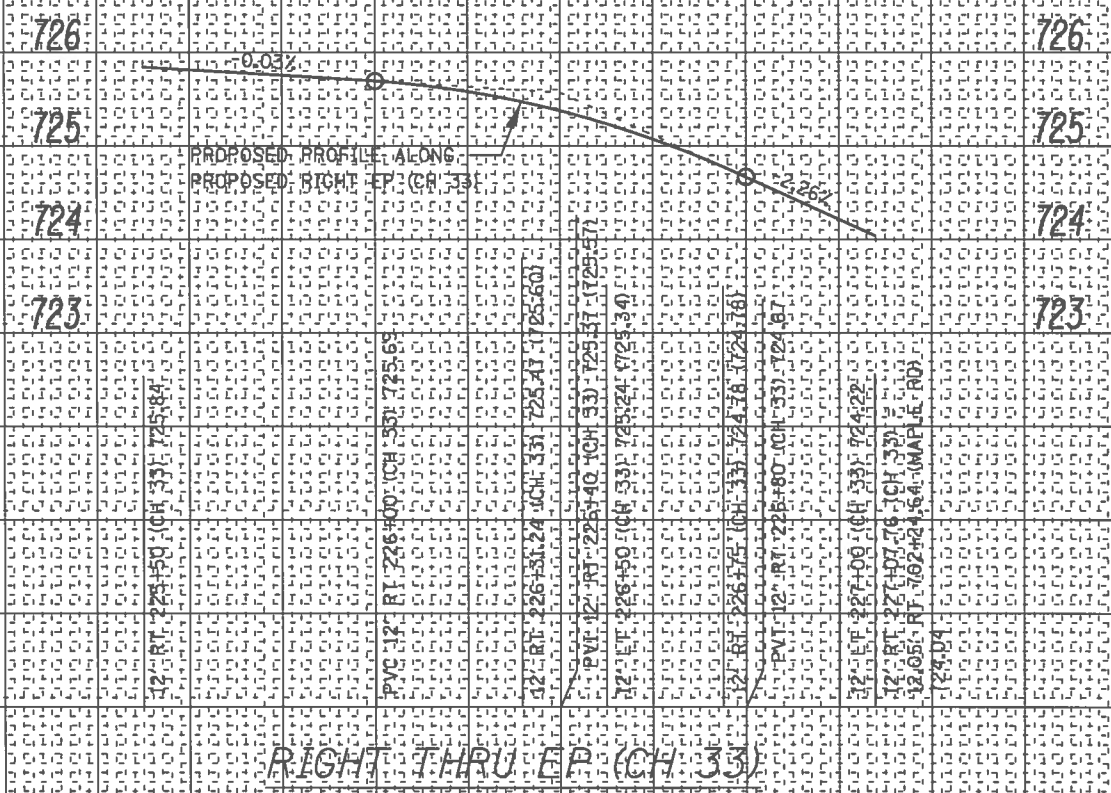
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BY	
ORIGINAL SURVEY PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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RADIUS PROFILE CH 33 / MAPLE ROAD INTERSECTION (SOUTHEAST QUADRANT)



SOUTHEAST QUADRANT RADIUS PROFILE



USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

CH 33 / MAPLE ROAD INTERSECTION  
EDGE OF PAVEMENT PROFILES  
SOUTHEAST QUADRANT

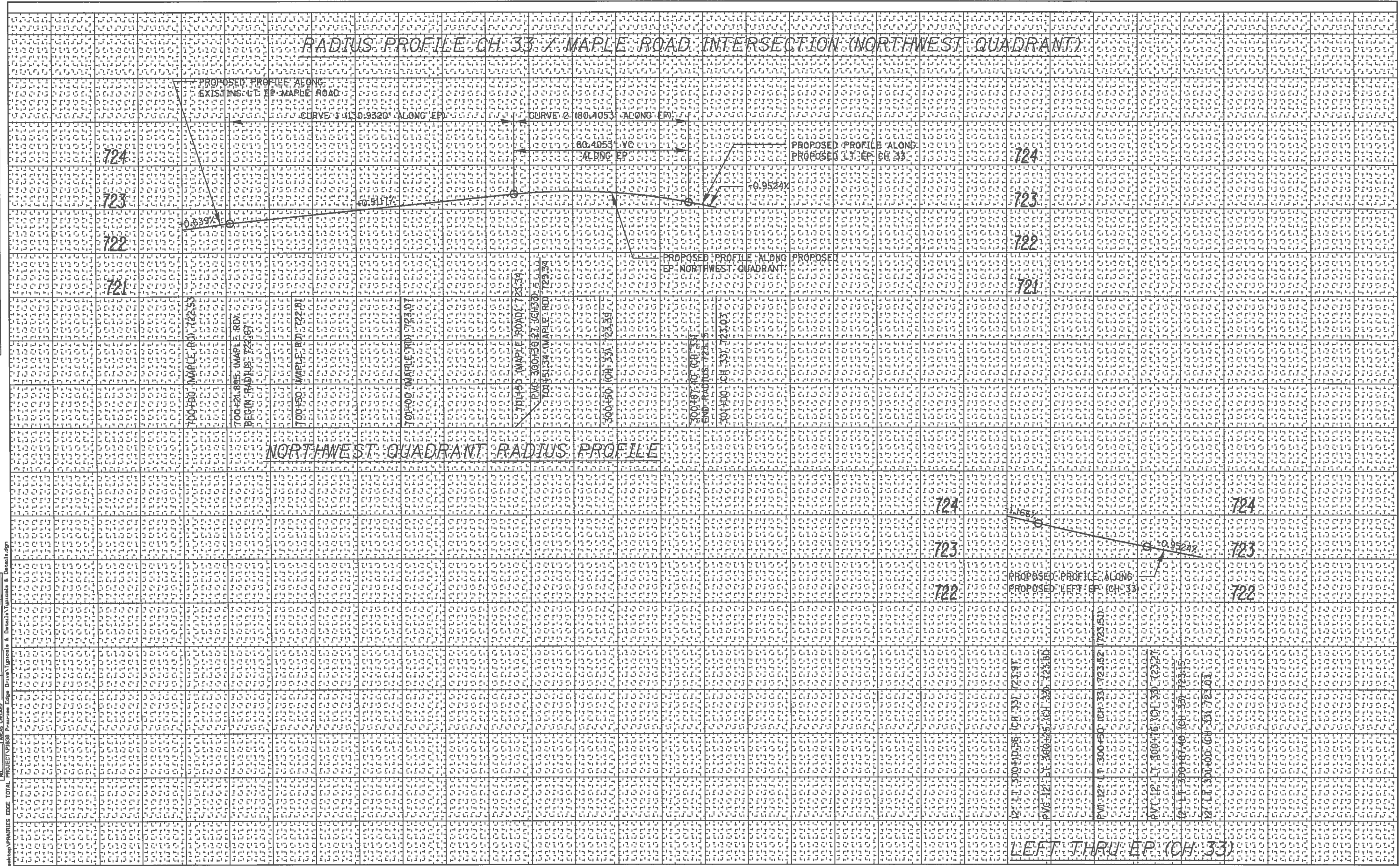
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SCALE: 1" = 20' HORIZ, 1" = 1' VERT  
SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	85
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



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PLOT SCALE = 48.8288' / in.	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2818	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

**CH 33 / MAPLE ROAD INTERSECTION**  
**EDGE OF PAVEMENT PROFILES**  
**NORTHWEST QUADRANT**

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

SCALE: 1" = 20' HORIZ, 1" = 1' VERT

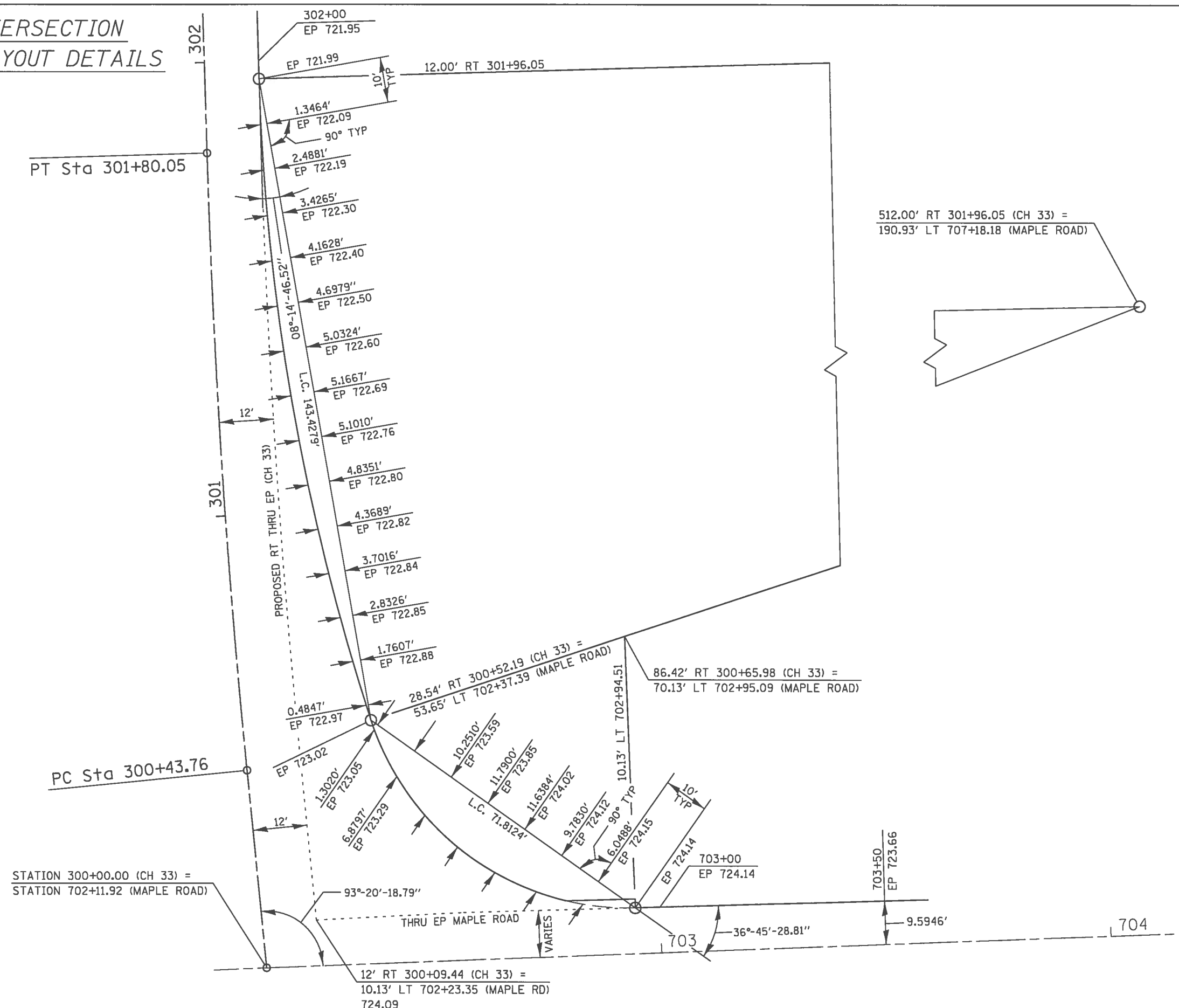
SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	87
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 91529	

# CH 33 / MAPLE ROAD INTERSECTION NORTHEAST QUADRANT LAYOUT DETAILS

PROP. CURVE DATA @ CH 33  
 PI STA. = 301+11.93  
 $\Delta = 3^\circ 54' 16''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 68.17'$   
 $L = 136.29'$   
 $E = 1.16'$   
 P.C. STA = 300+43.76  
 P.T. STA = 301+80.05

2 CENTERED CURVE  
 $R = 60'$   
 $R = 500'$   
 OFFSET = 15'



512.00' RT 301+96.05 (CH 33) =  
 190.93' LT 707+18.18 (MAPLE ROAD)

86.42' RT 300+65.98 (CH 33) =  
 70.13' LT 702+95.09 (MAPLE ROAD)

STATION 300+00.00 (CH 33) =  
 STATION 702+11.92 (MAPLE ROAD)

FOR EDGE OF PAVEMENT PROFILES, SEE SHEET 89

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USER NAME = jmor	DESIGNED - JHM	REVISED -	<b>CH 33 /MAPLE ROAD INTERSECTION DETAILS NORTHEAST QUADRANT</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 48.8888' / in.	DRAWN - JHM	REVISED -		CH 33	13-00121-00-WR	EDGAR	174	88		
PLOT DATE = 1/14/2018	CHECKED -	REVISED -		SCALE: 1" = 10'    SHEET 1 OF 1 SHEET		CONTRACT NO. 91529		EDGAR COUNTY, ILLINOIS   FED. AID PROJECT		
	DATE - 08/2017	REVISED -								

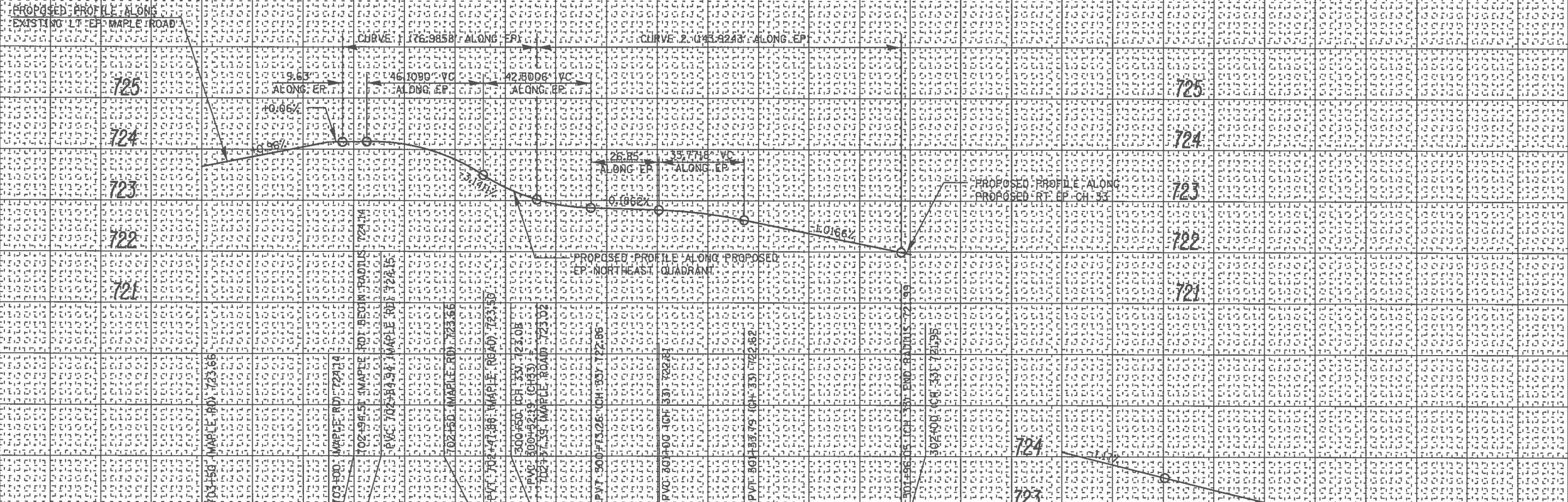


DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
US	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
US	

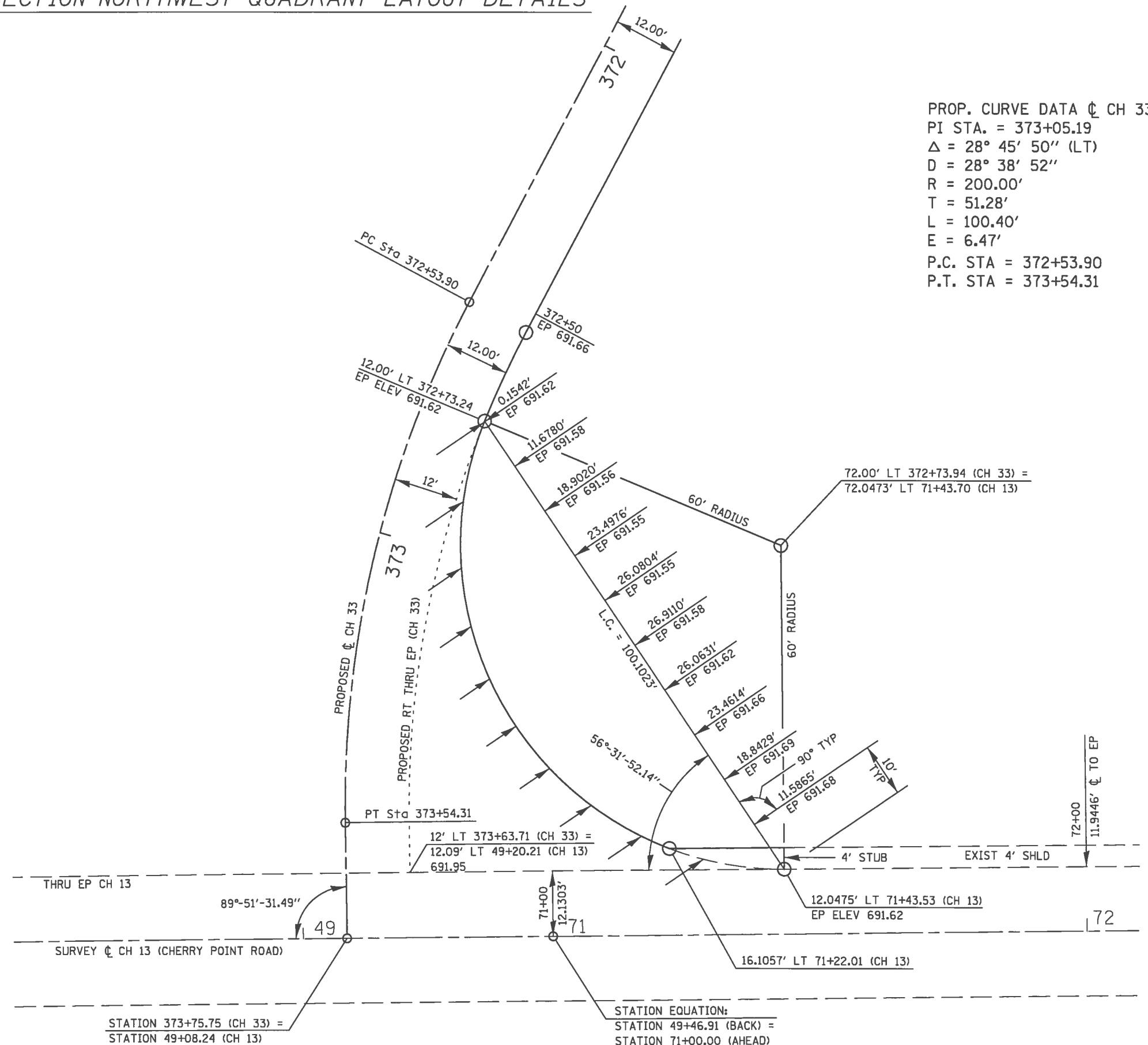
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### RADIUS PROFILE CH 33 / MAPLE ROAD INTERSECTION (NORTHEAST QUADRANT)



# CH 33 / CH 13 INTERSECTION NORTHWEST QUADRANT LAYOUT DETAILS

PROP. CURVE DATA @ CH 33  
 PI STA. = 373+05.19  
 $\Delta = 28^\circ 45' 50''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 51.28'$   
 $L = 100.40'$   
 $E = 6.47'$   
 P.C. STA = 372+53.90  
 P.T. STA = 373+54.31



FOR EDGE OF PAVEMENT PROFILES, SEE SHEET 92

STATION 373+75.75 (CH 33) =  
 STATION 49+08.24 (CH 13)

STATION EQUATION:  
 STATION 49+46.91 (BACK) =  
 STATION 71+00.00 (AHEAD)

C:\Users\jmor\Desktop\PROJECTS\CH 33 PRECURVES\CH 33 PRECURVES.dgn

USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.8888' / in.	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED	REVISED -
	DATE 08/2017	REVISED -

## CH 33 / CH 13 INTERSECTION DETAILS NORTHWEST QUADRANT

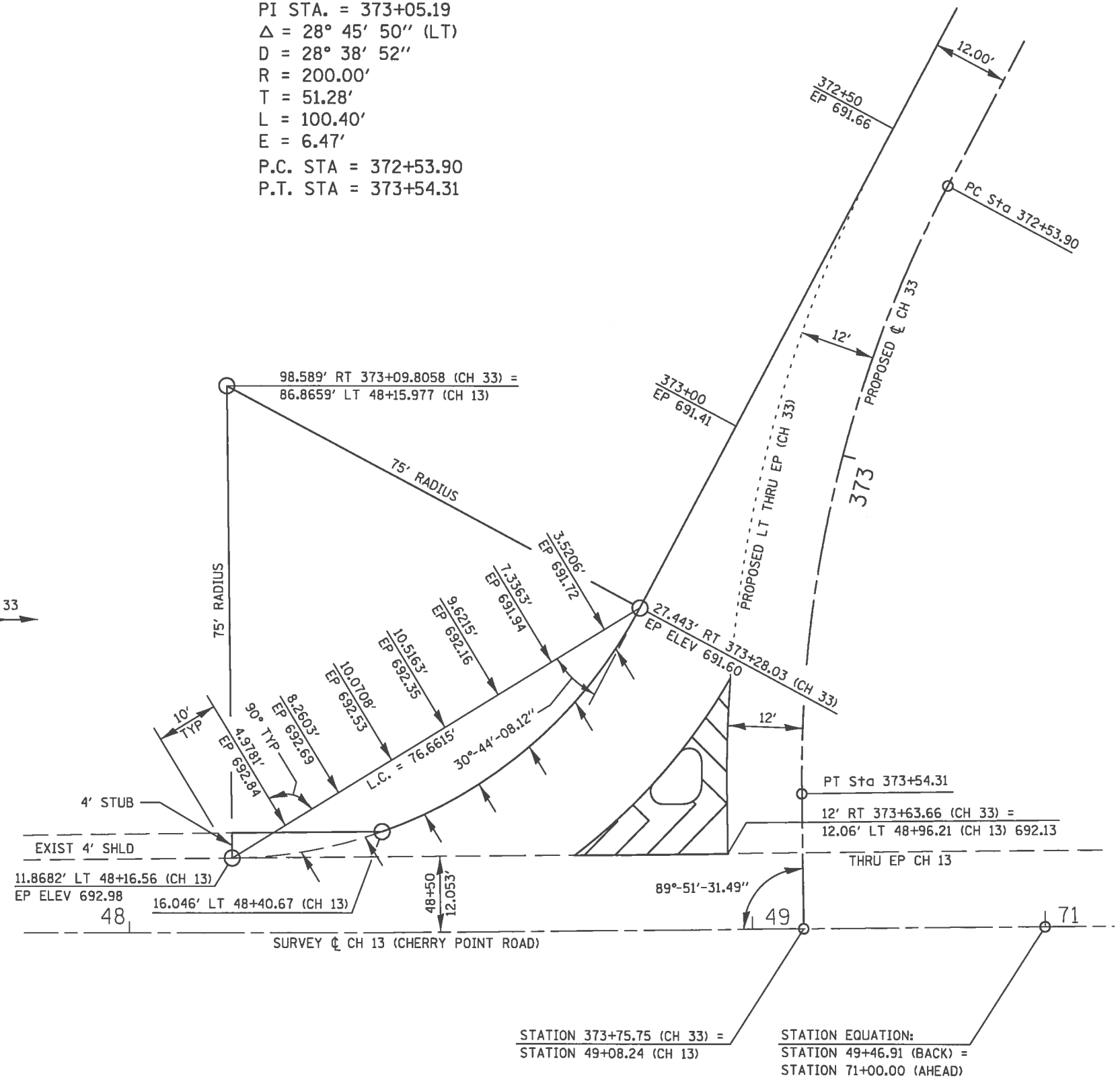
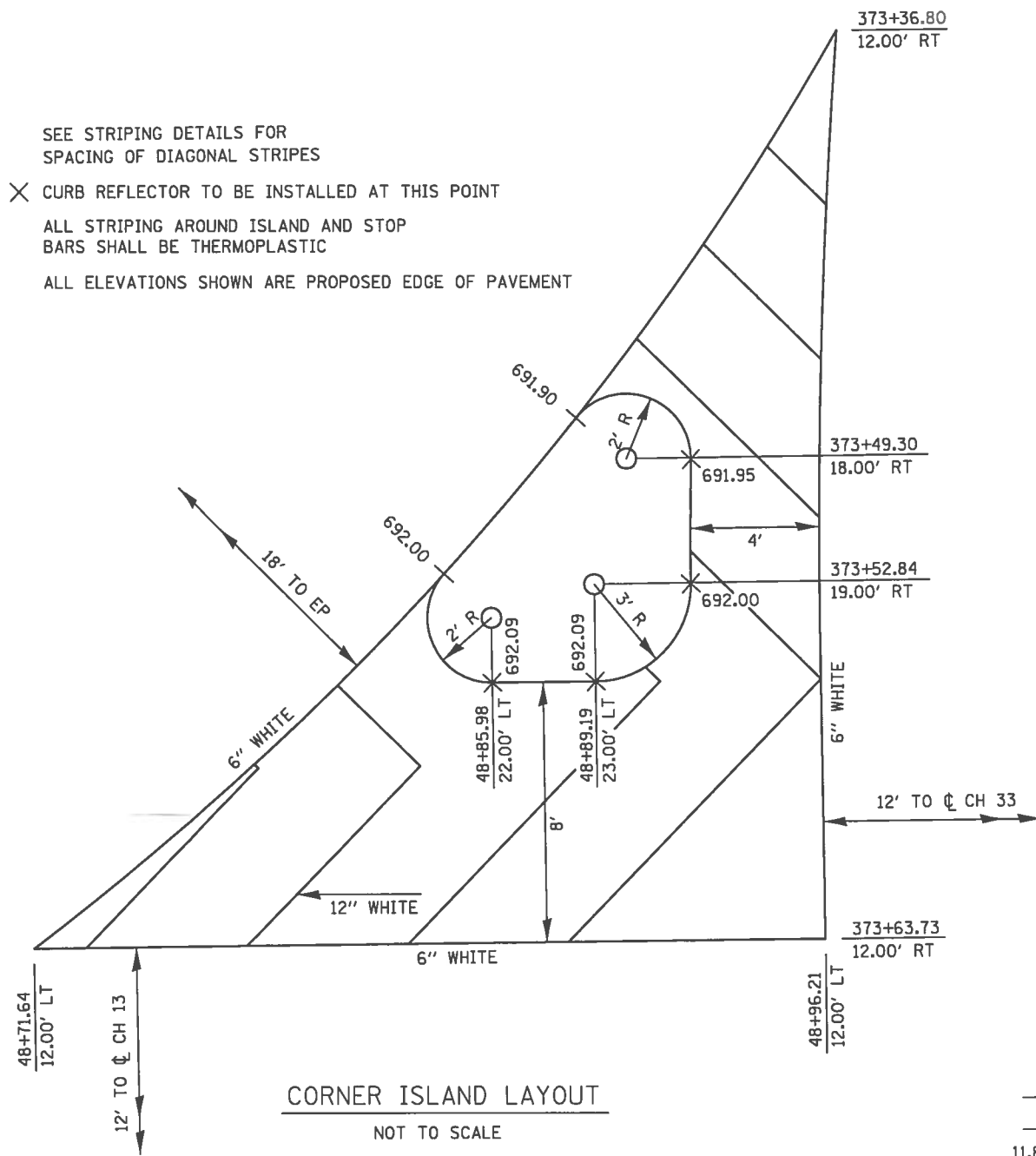
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 SCALE: 1" = 10' SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	90
EDGAR COUNTY, ILLINOIS			CONTRACT NO. 91529	
FED. AID PROJECT				

# CH 33 / CH 13 INTERSECTION SOUTHWEST QUADRANT LAYOUT DETAILS

SEE STRIPING DETAILS FOR SPACING OF DIAGONAL STRIPES  
 X CURB REFLECTOR TO BE INSTALLED AT THIS POINT  
 ALL STRIPING AROUND ISLAND AND STOP BARS SHALL BE THERMOPLASTIC  
 ALL ELEVATIONS SHOWN ARE PROPOSED EDGE OF PAVEMENT

PROP. CURVE DATA  $\phi$  CH 33  
 PI STA. = 373+05.19  
 $\Delta$  = 28° 45' 50" (LT)  
 D = 28° 38' 52"  
 R = 200.00'  
 T = 51.28'  
 E = 6.47'  
 P.C. STA = 372+53.90  
 P.T. STA = 373+54.31



STATION 373+75.75 (CH 33) = STATION 49+08.24 (CH 13)  
 STATION EQUATION:  
 STATION 49+46.91 (BACK) = STATION 71+00.00 (AHEAD)

FOR EDGE OF PAVEMENT PROFILES, SEE SHEET 92  
 FOR CORNER ISLAND DETAILS, SEE SHEET 103

C:\Users\jmor\Desktop\PROJECTS\1838 Prerun Edge Drive\Tignola & Detasia\Tignola & Detasia.dgn

USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

## CH 33 / CH 13 INTERSECTION DETAILS SOUTHWEST QUADRANT

**STATE OF ILLINOIS**  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 10'    SHEET 1 OF 1 SHEET

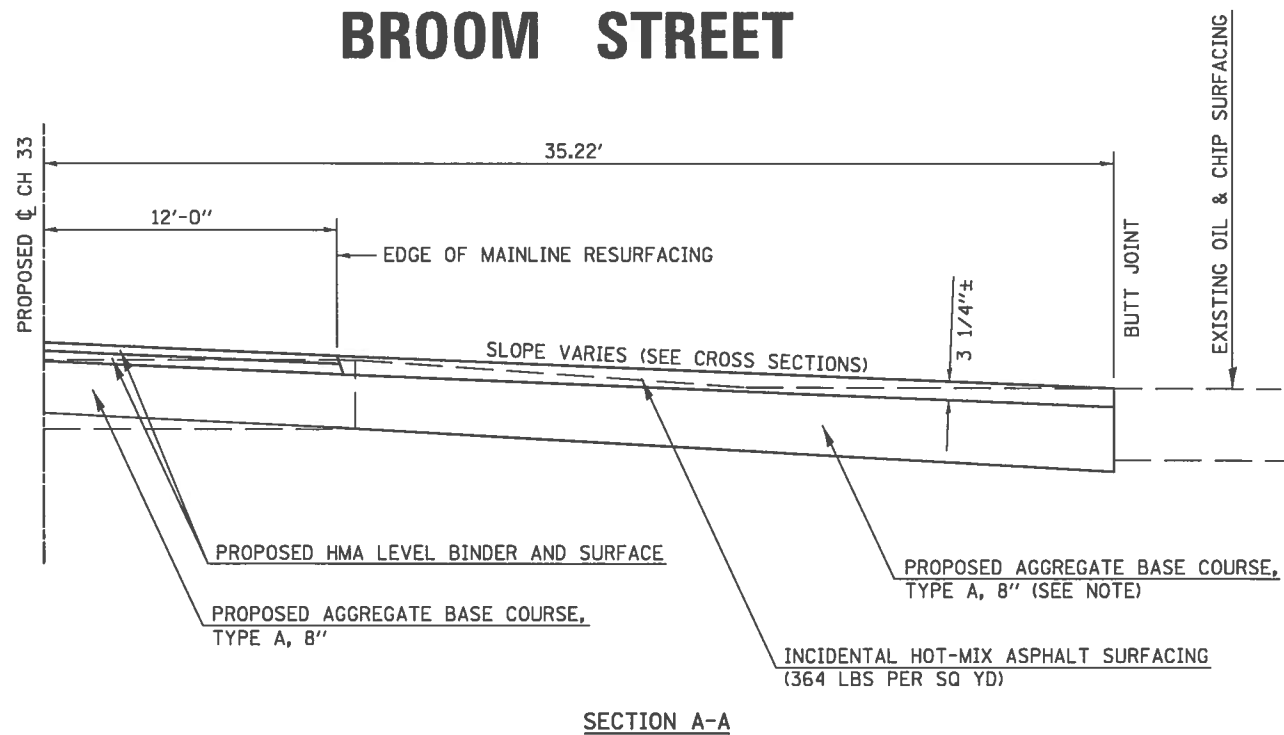
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	91
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 91529

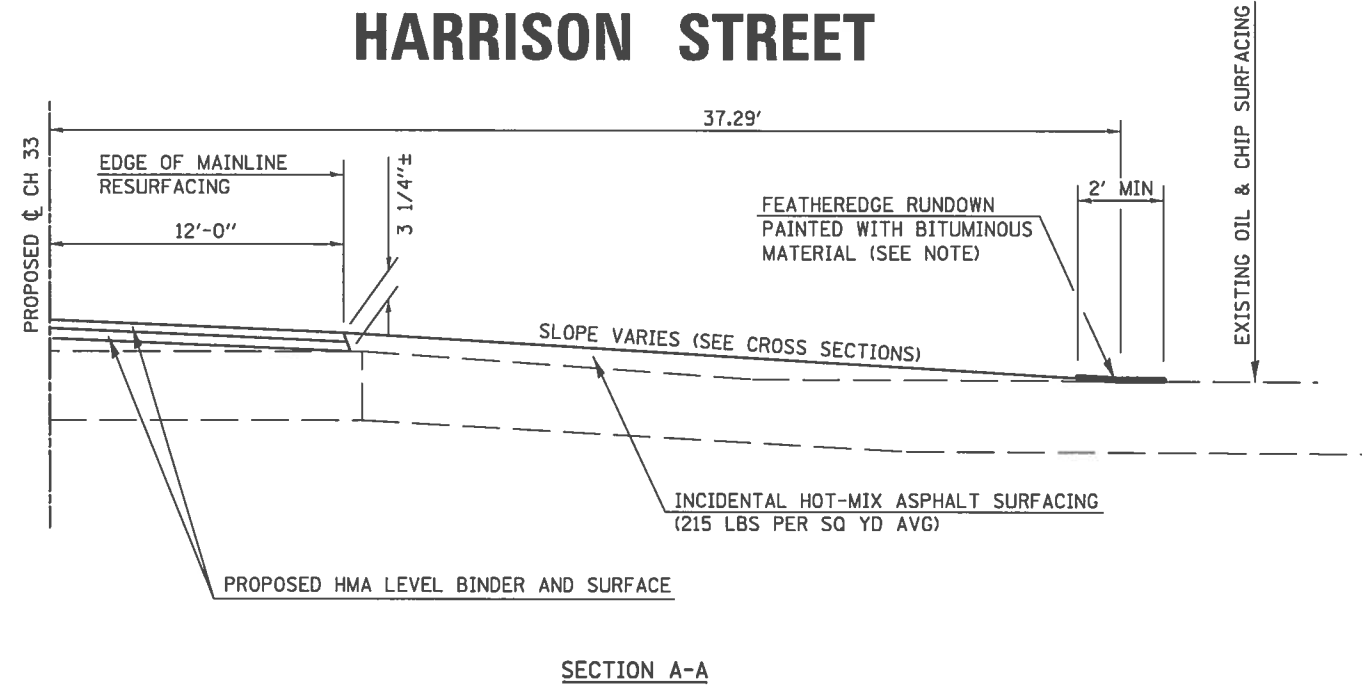


# DETAIL OF SIDESTREET RETURNS

## BROOM STREET

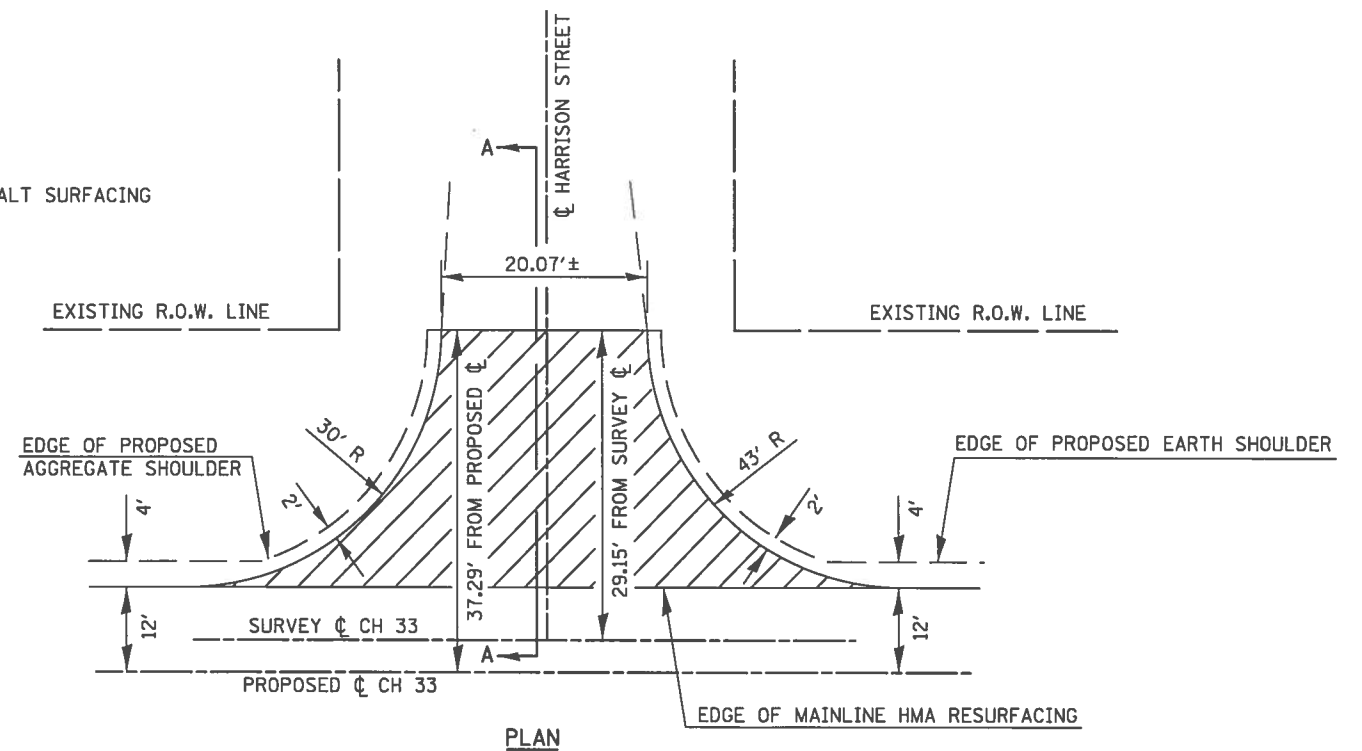
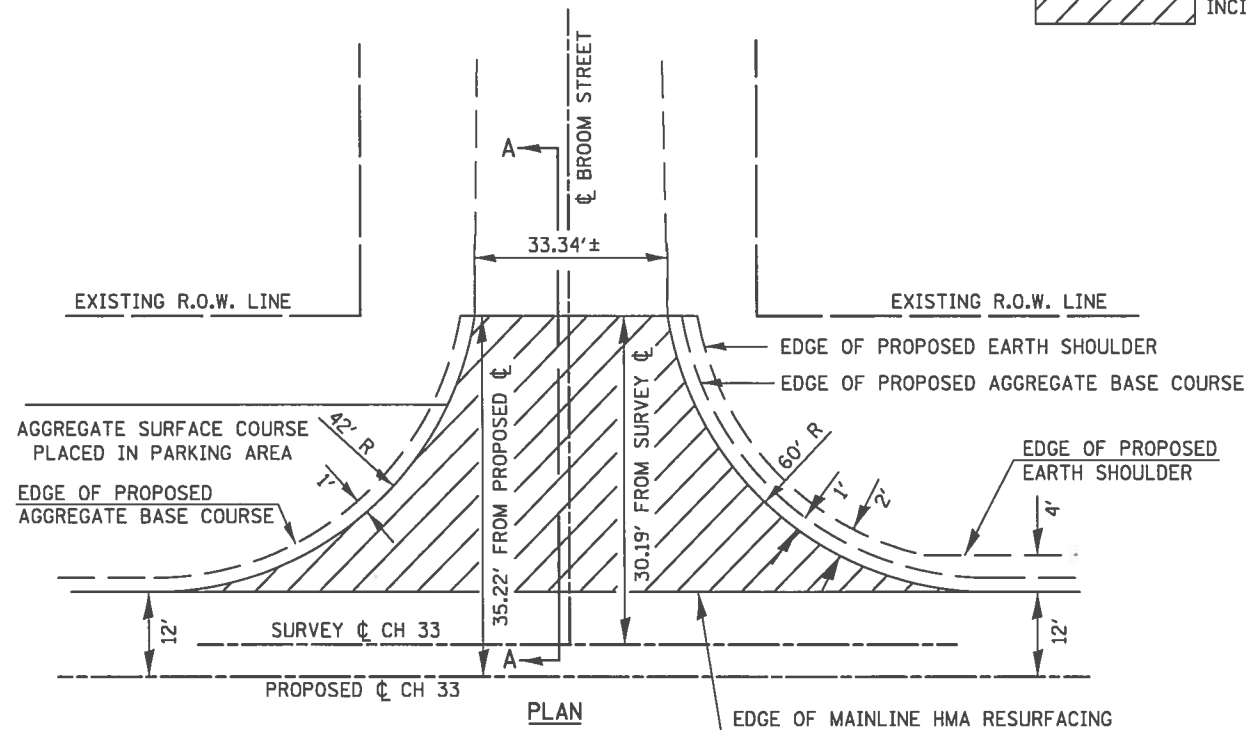


## HARRISON STREET



**NOTE:**  
THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1 FOOT WIDER THAN THE FINISHED SURFACE DIMENSIONS.

INCIDENTAL HOT-MIX ASPHALT SURFACING



**NOTE:**  
RESURFACING RUNDOWNS SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 24 INCHES WIDE, 12 INCHES ON THE RUNDOWN AND 12 INCHES ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

C:\Users\jumar\Desktop\PROJECTS\Broom Streets Edge Drive\Tutorials & Details\Tutorials & Details.dgn

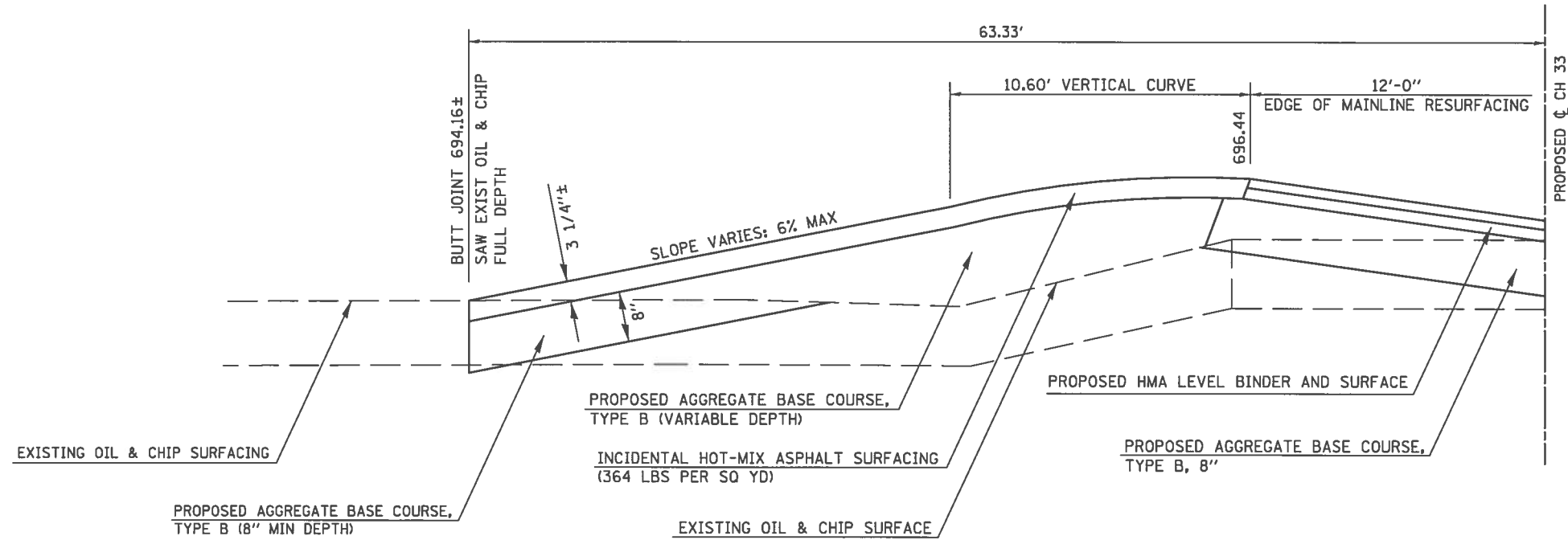
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	DATE - 08/2017	REVISED -

**DETAIL OF SIDESTREET RETURNS  
BROOM AND HARRISON STREETS**

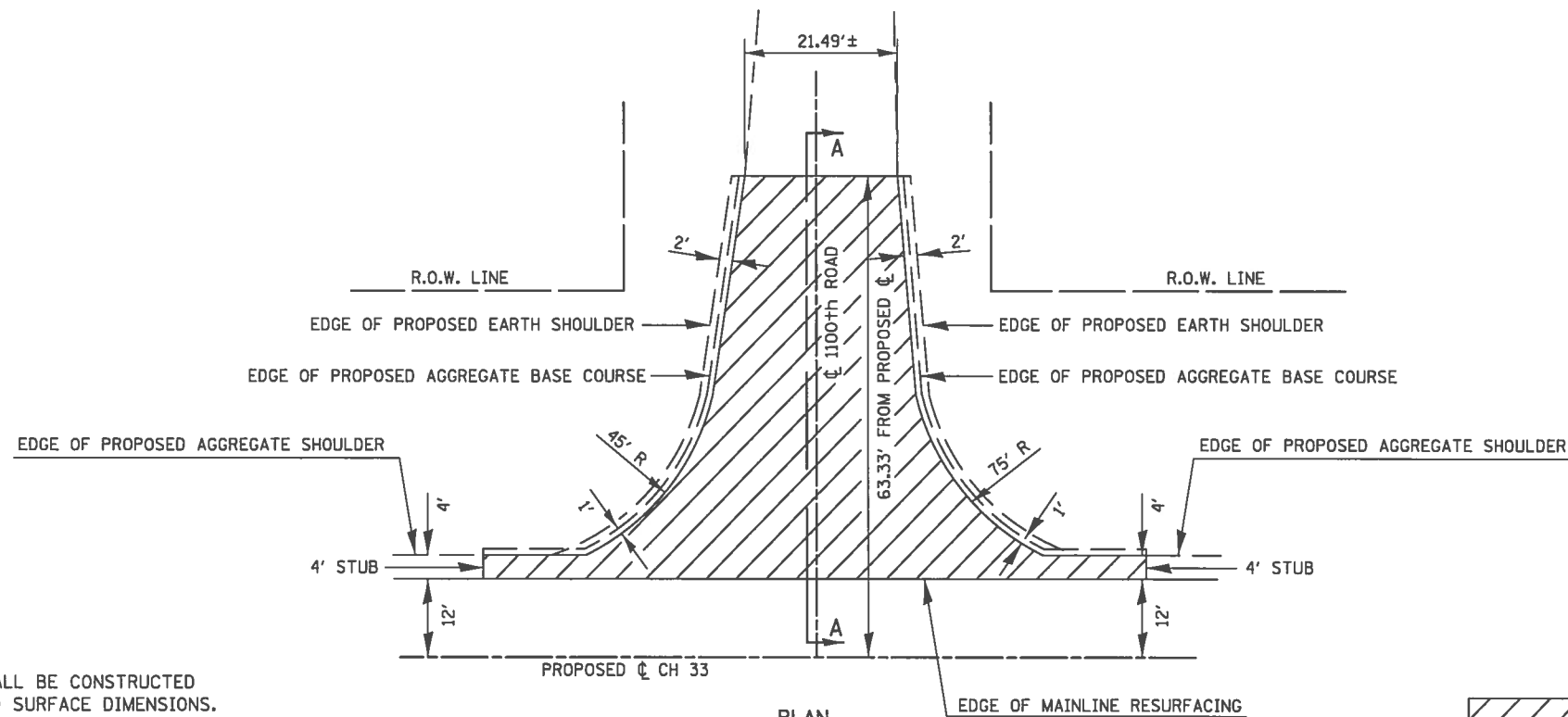
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 1 OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	93
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

# DETAIL OF SIDEROAD RETURN 1100th ROAD



SECTION A-A



PLAN

INCIDENTAL HOT-MIX ASPHALT SURFACING

**NOTE:**  
THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED  
1 FOOT WIDER THAN THE FINISHED SURFACE DIMENSIONS.

C:\Users\jmc\Desktop\PRAIRIES EDGE TOTAL PROJECT\PIB33 Prairies Edge Drive\Tgnocls & Details\Tgnocls & Details.dgn

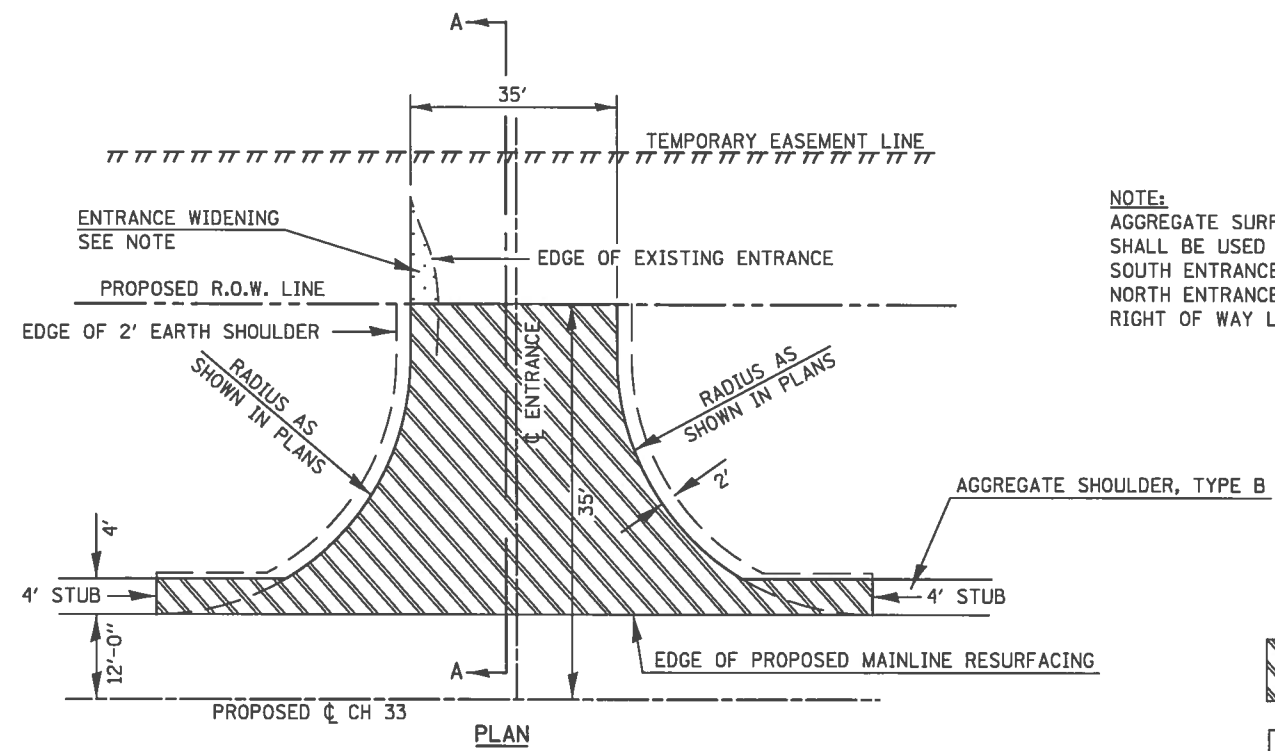
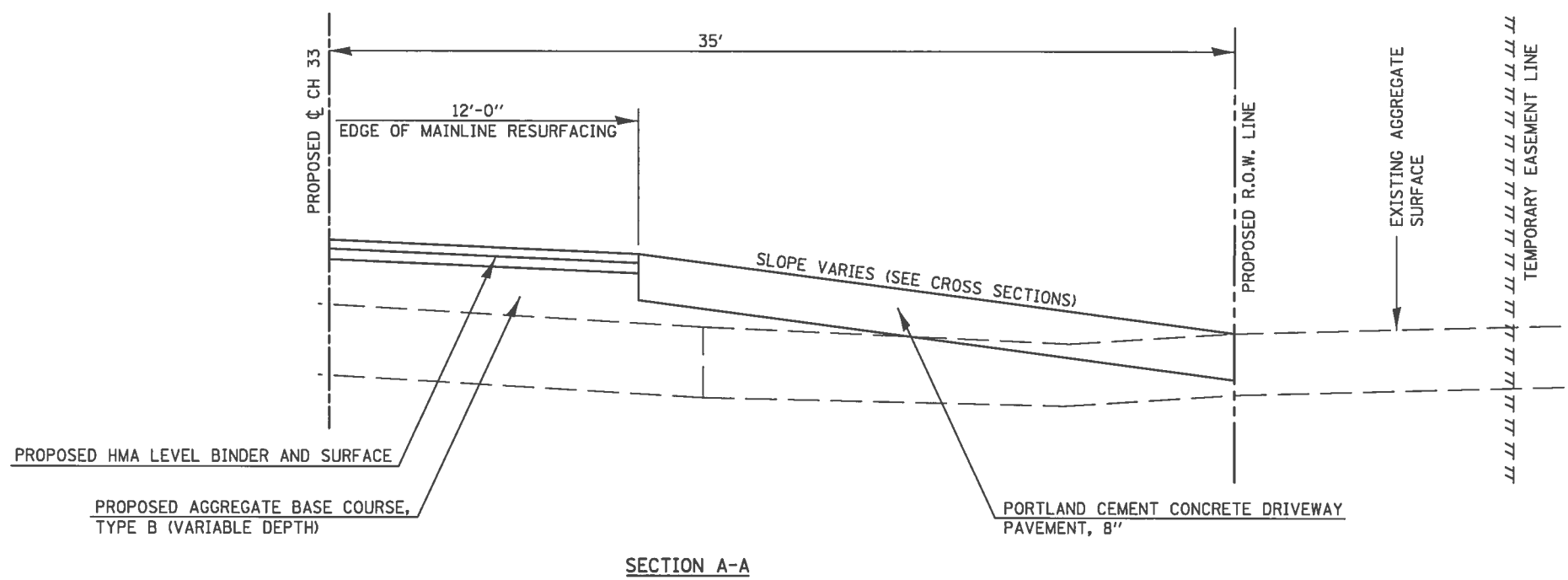
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	DATE - 08/2017	REVISED -

## DETAIL OF SIDEROAD RETURN 1100th ROAD

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 1 SHEET

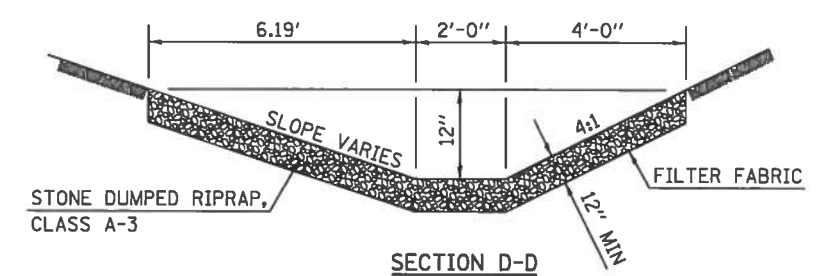
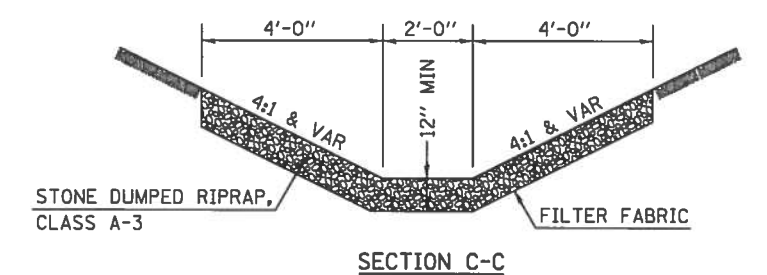
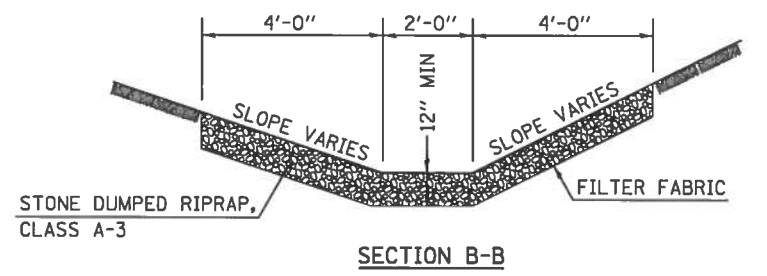
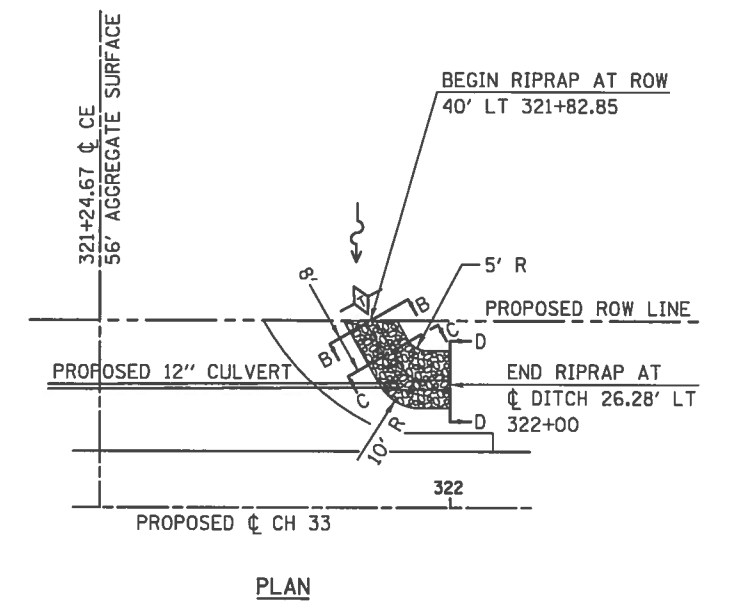
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	94
EDGAR COUNTY, ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 91529				

# DETAIL OF COMMERCIAL ENTRANCE RETURNS HERRINGTON TRANSPORTATION



**NOTE:**  
AGGREGATE SURFACE COURSE, TYPE B (8" MIN DEPTH) SHALL BE USED TO WIDEN THE SOUTH SIDE OF THE SOUTH ENTRANCE AND THE NORTH SIDE OF THE NORTH ENTRANCE OUTSIDE OF THE PROPOSED RIGHT OF WAY LINE.

- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- AGGREGATE SURFACE COURSE, TYPE B (8" MIN SEPTH)



C:\Users\jmor\Desktop\PRARIES EDGE TOTAL PROJECT\PRARIES Edge Drive\Tutorials & Details.dgn

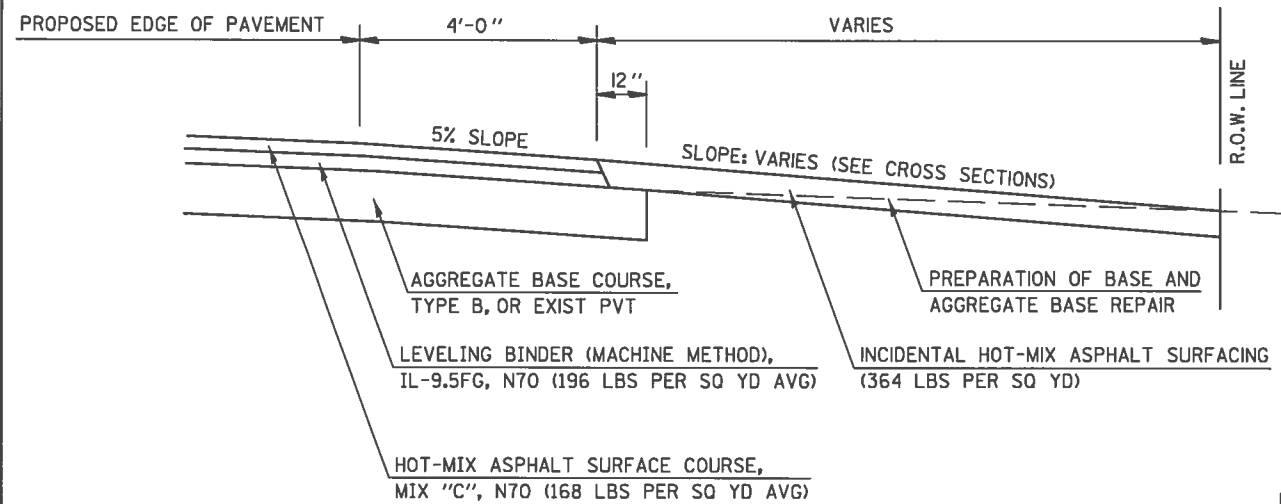
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	DATE - 08/2017	REVISED -

**DETAIL OF COMMERCIAL ENTRANCE RETURNS  
HERRINGTON TRANSPORTATION**

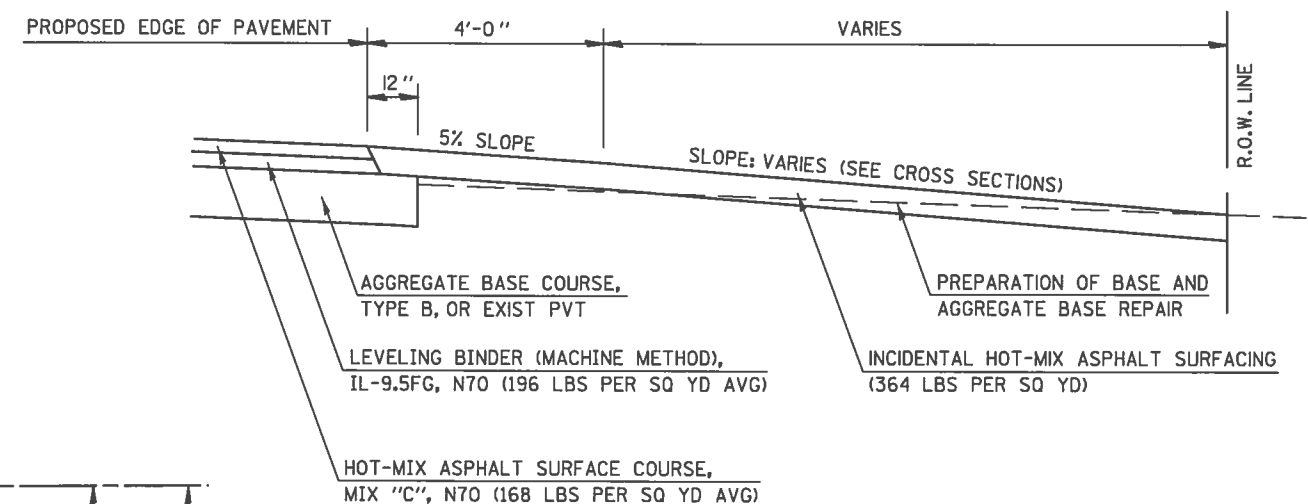
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	95
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

# DETAIL OF PRIVATE ENTRANCE RETURNS

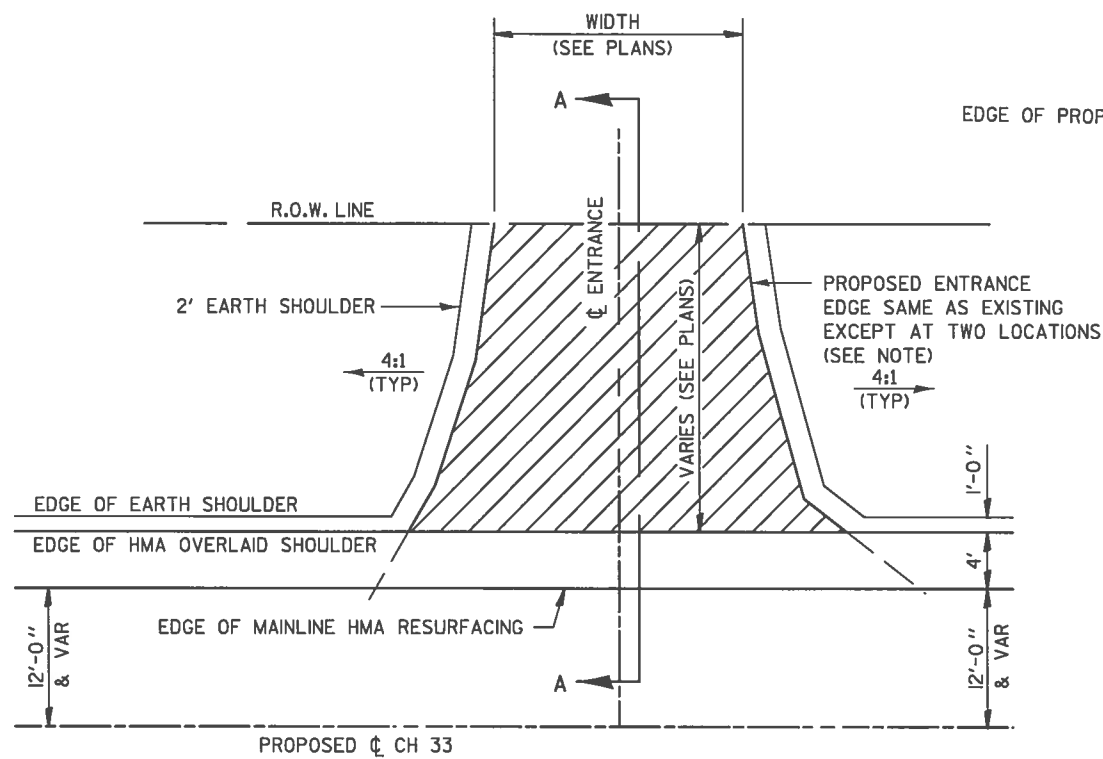


SECTION A-A

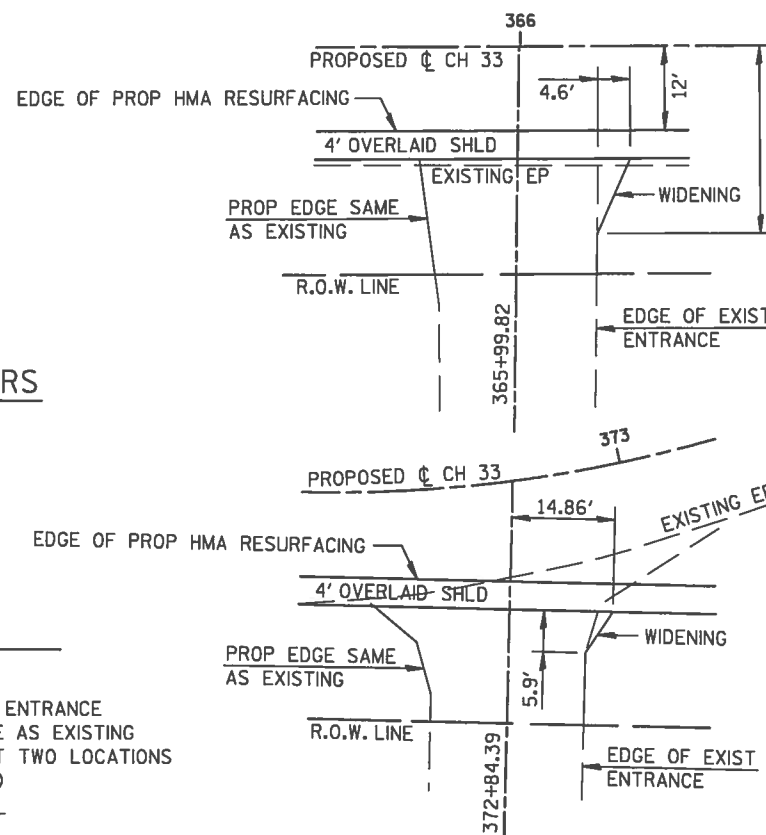


SECTION B-B

## ADJACENT TO PROPOSED OVERLAID SHOULDERS



PLAN



### ENTRANCE WIDENING DETAILS

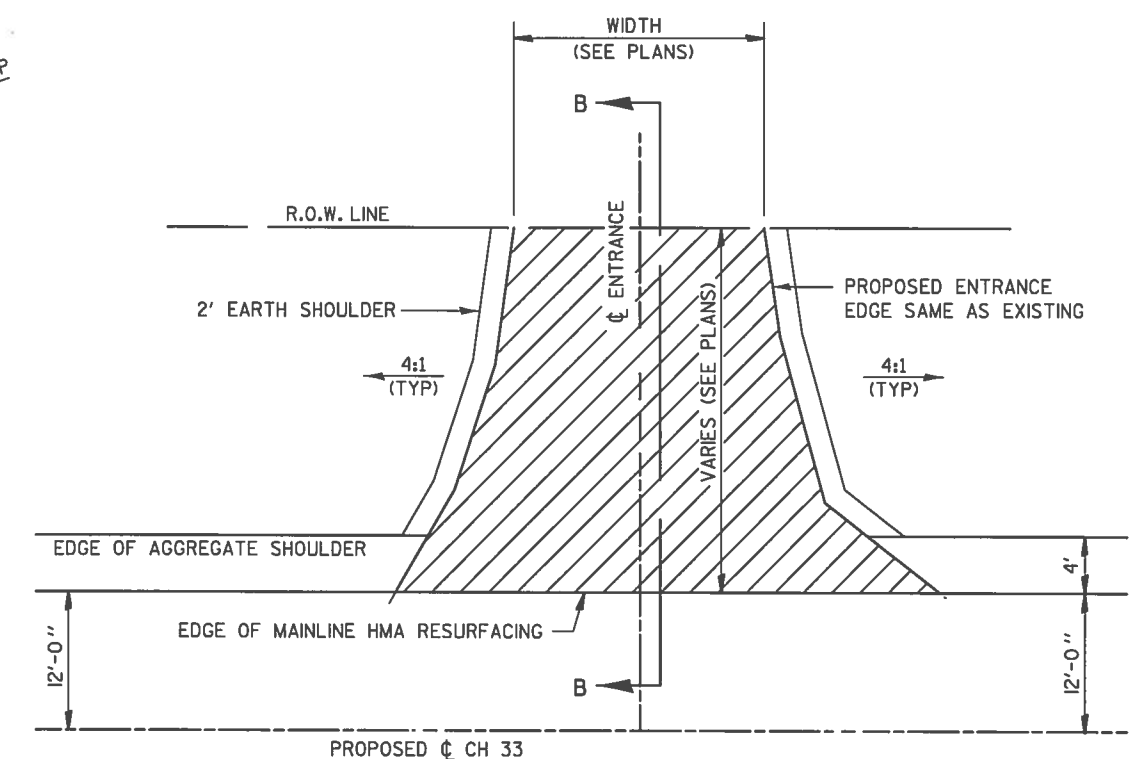
DIMENSIONS SHOWN ARE SURFACE DIMENSIONS

**NOTE:**  
AGGREGATE SURFACE COURSE, TYPE B, 6" SHALL BE USED TO WIDEN THE ENTRANCES RT STATION 365+99.82 AND 372+84.39. THE AGGREGATE SHALL BE CONSTRUCTED 6" WIDER THAN THE FINISHED SURFACE DIMENSIONS SHOWN.



INCIDENTAL HOT-MIX ASPHALT SURFACING

## ADJACENT TO PROPOSED AGGREGATE SHOULDERS



PLAN

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USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48,0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

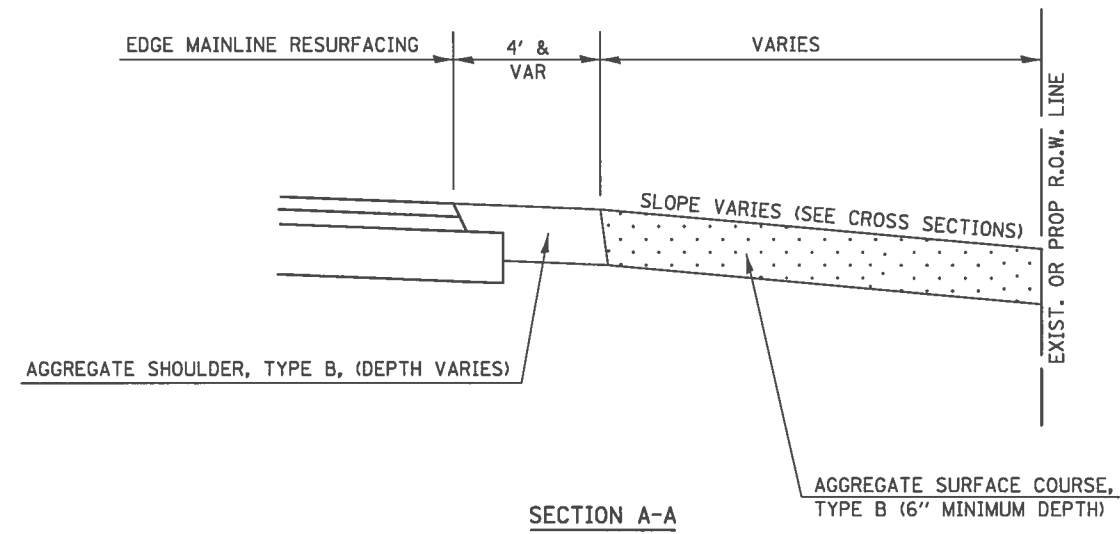
### DETAIL OF PRIVATE ENTRANCE RETURNS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
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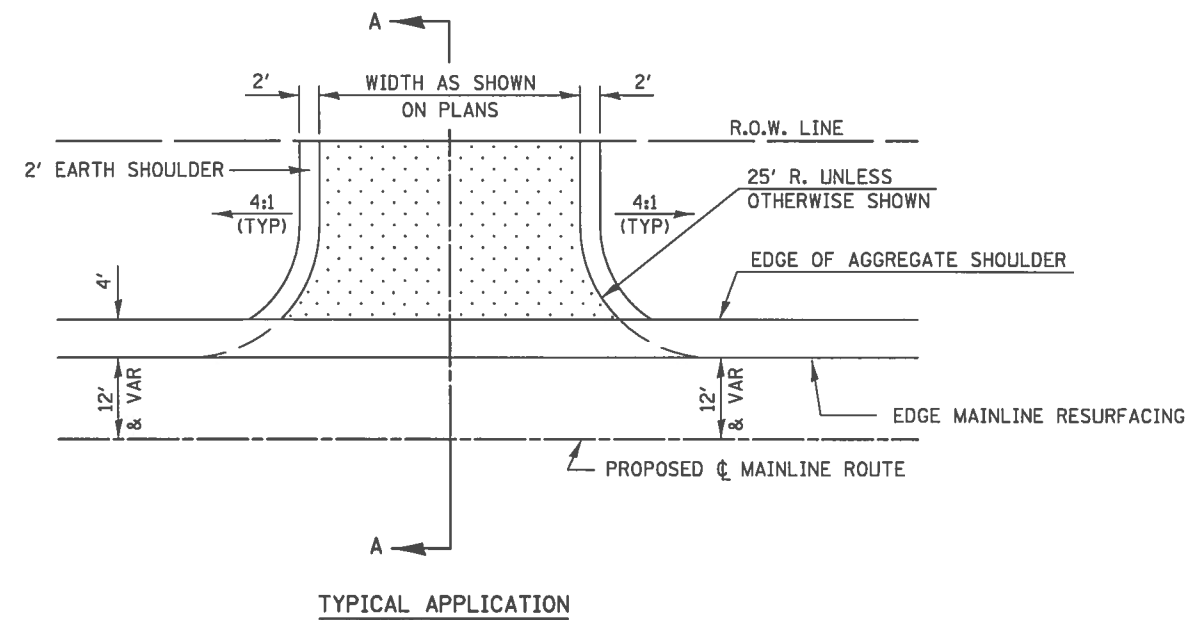
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	96
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				



# DETAIL OF FIELD ENTRANCE RETURNS



## ADJACENT TO PROPOSED AGGREGATE SHOULDERS



AGGREGATE SURFACE COURSE, TYPE B (6" MINIMUM DEPTH)

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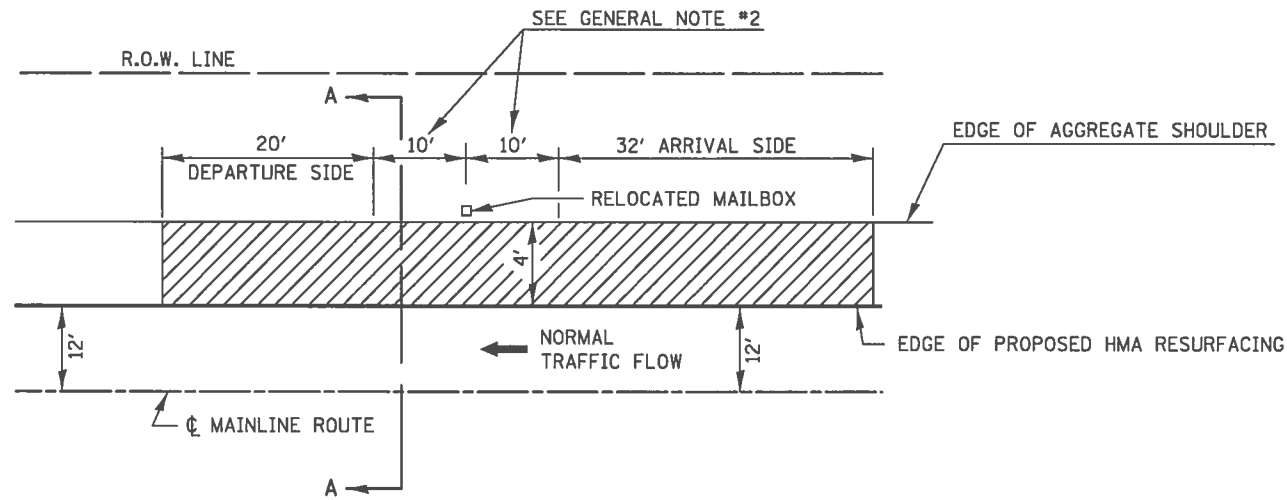
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### DETAIL OF FIELD ENTRANCE RETURNS

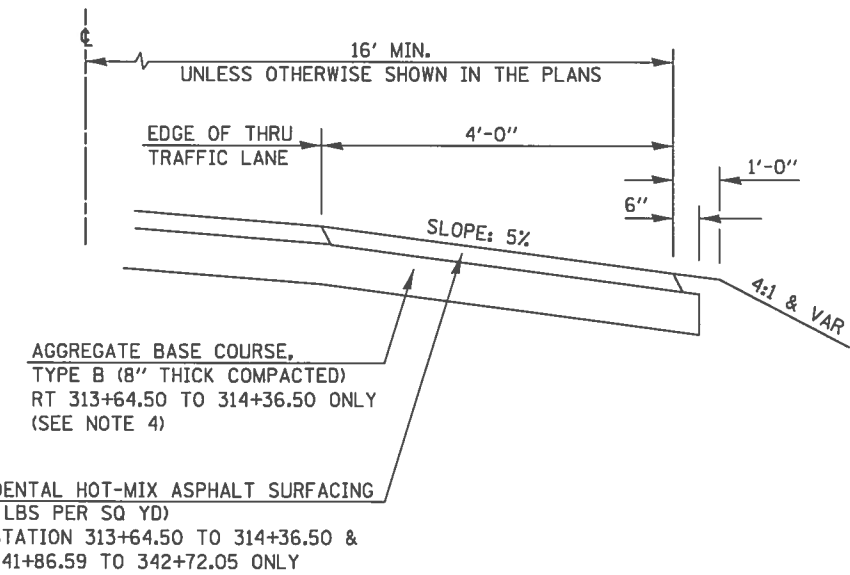
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	97
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

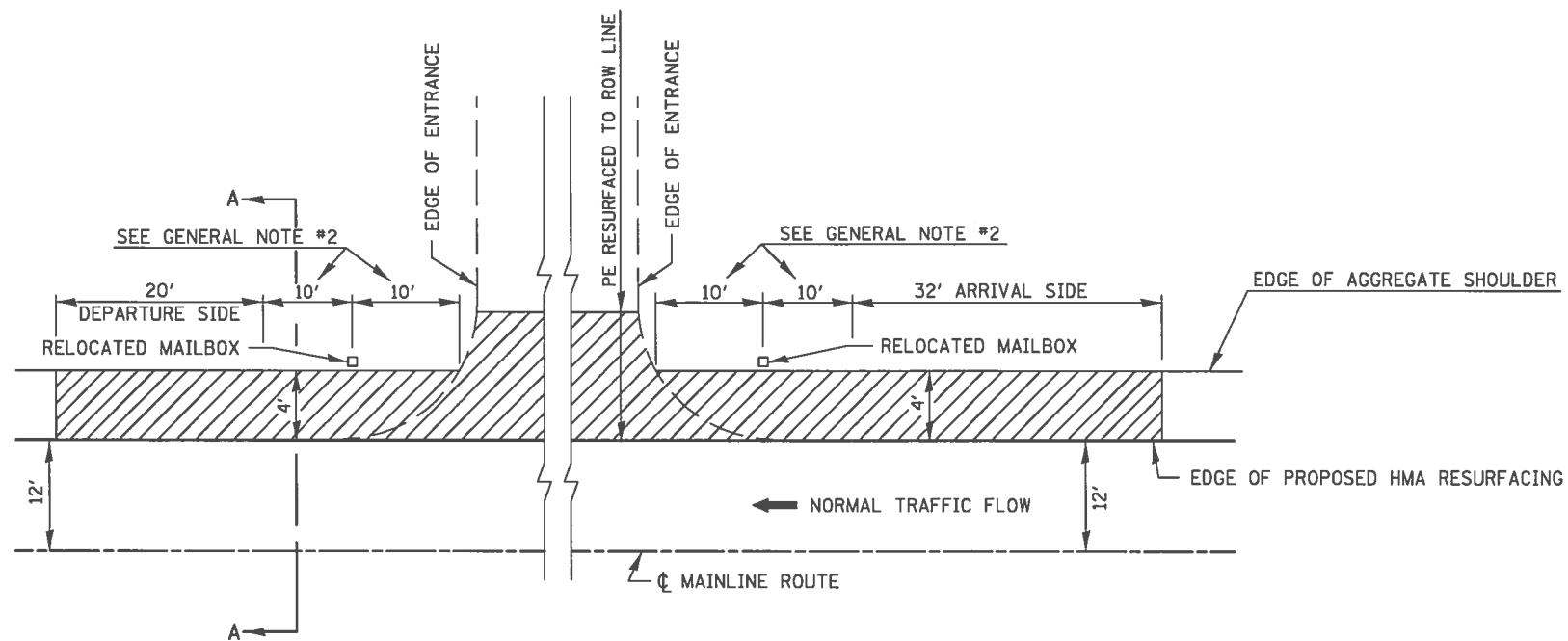
# MAILBOX TURNOUT



TYPICAL APPLICATION



SECTION A-A



TYPICAL MAILBOX TURNOUT PLACEMENT ADJACENT TO ENTRANCES



INCIDENTAL HOT-MIX ASPHALT SURFACING  
RT STATION 313+64.50 TO 314+36.50 &  
RT 341+86.59 TO 342+72.05 ONLY

## GENERAL NOTES

1. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
2. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' DIMENSIONS SHOWN SHALL BE FROM THE END MAILBOX.
3. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" TO 12" AND THE POST A MINIMUM OF 24" FROM THE EDGE OF THE TURNOUT SURFACING. MAILBOXES THROUGHOUT THE PROJECT MAY REQUIRE RELOCATION TO MEET THE ABOVE REQUIREMENTS. ALL COSTS ASSOCIATED WITH THE RELOCATION OF MAILBOXES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. THE MAILBOX TURNOUT RT STATION 341+86.59 TO 342+72.05 SHALL BE CONSTRUCTED ON EXISTING PAVEMENT UTILIZING AGGREGATE BASE REPAIR AND PREPARATION OF BASE. ALL MAILBOX TURNOUTS FROM 1100th ROAD TO CH 13 WILL UTILIZE THE HMA OVERLAID SHOULDER FOR THE SURFACE OF THE TURNOUT.
5. WHEN AGGREGATE BASE COURSE IS USED TO CONSTRUCT A NEW TURNOUT, THE AGGREGATE SHALL BE 6" WIDER THAN THE SURFACE DIMENSIONS SHOWN.

C:\Users\jmor\Desktop\PROJECTS\EDGE TOTAL PROJECT\PIB38 Prairie Edge Drive\Turnouts & Details.dgn

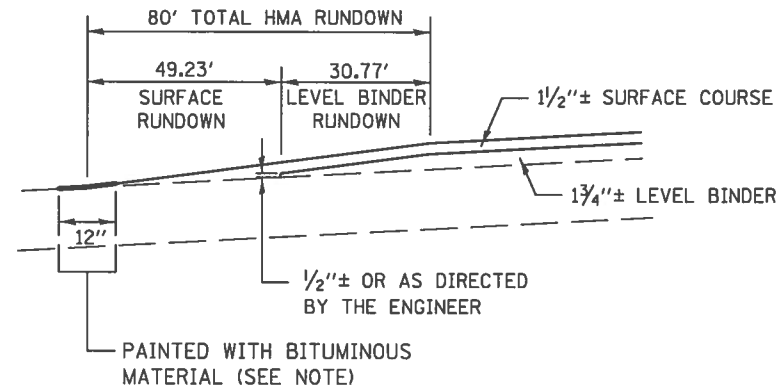
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	DRAWN - JHM	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
PLOT DATE = 1/14/2018	DATE - 08/2017	REVISED -

### MAILBOX TURNOUT

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 1 SHEET

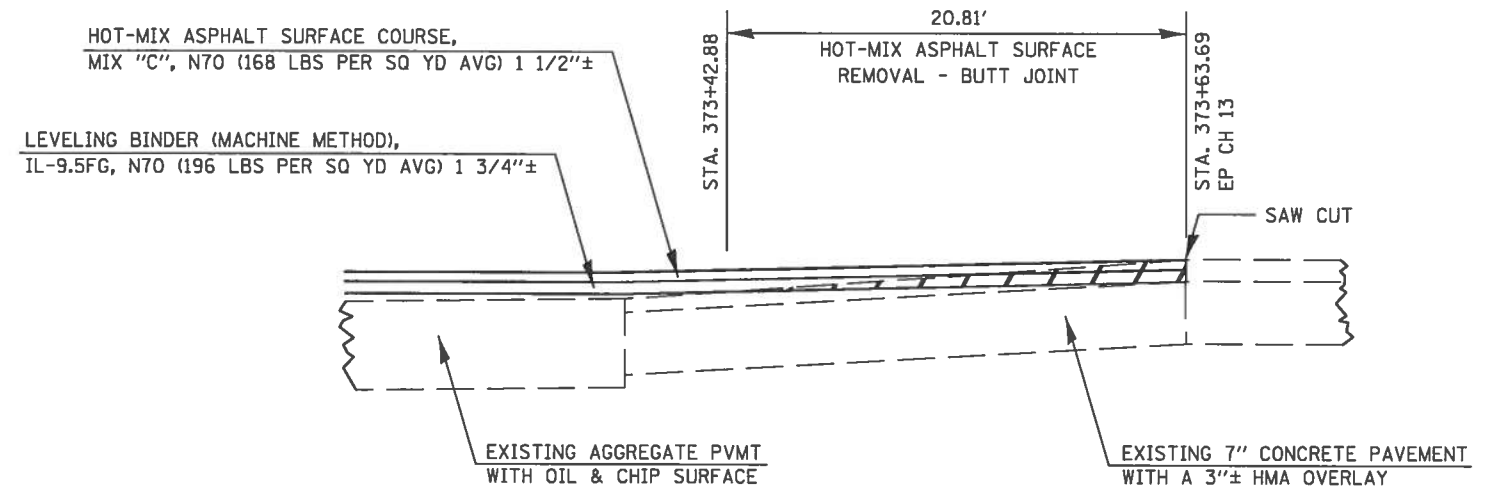
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	98
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS   FED. AID PROJECT				

# BUTT JOINT / RUNDOWN DETAIL

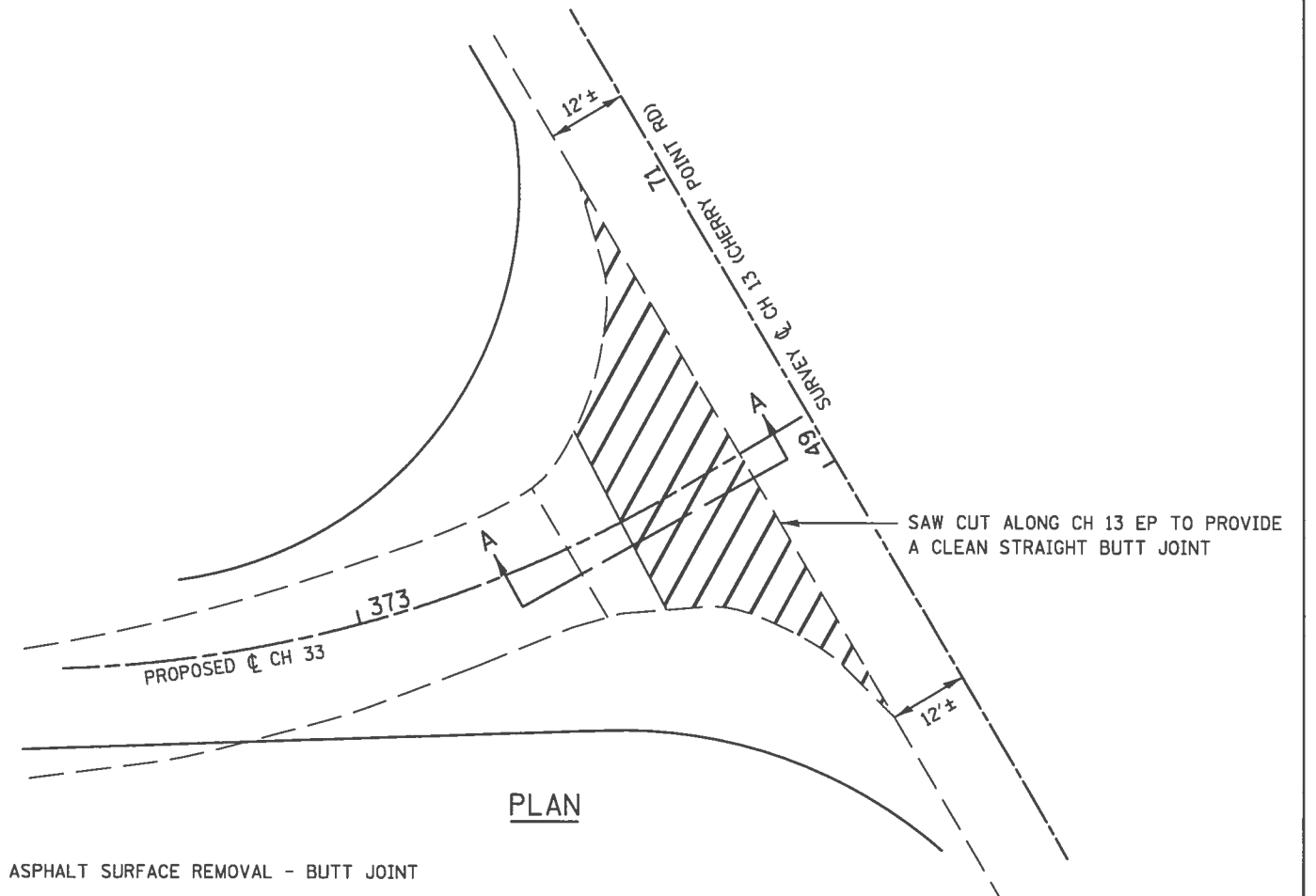


MAPLE ROAD RUNDOWN DETAIL

**NOTE:**  
 THE END OF THE FEATHEREDGE RUNDOWN SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES WIDE, 6 INCHES ON THE RUNDOWN AND 6 INCHES ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



SECTION A-A



PLAN

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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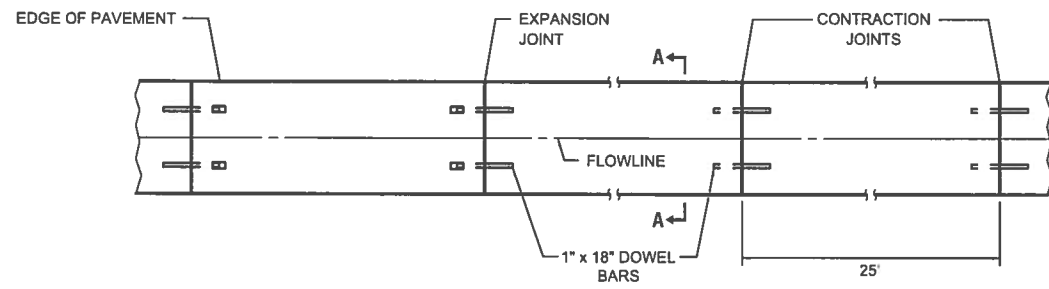
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PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

**BUTT JOINT AND RUNDOWN DETAIL**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 1 SHEET

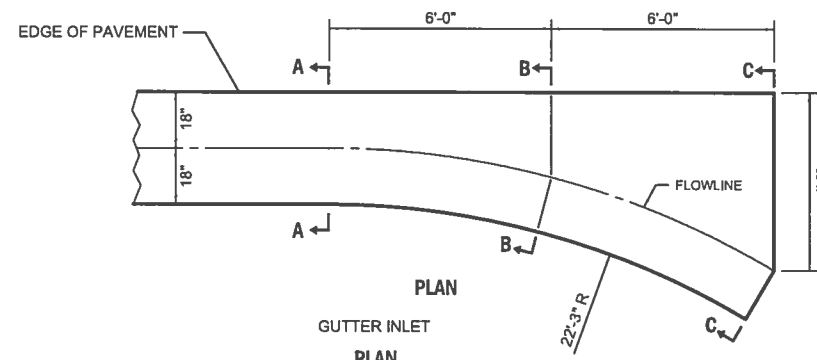
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	99
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				

# DETAIL OF CONCRETE GUTTER, TYPE A (SPECIAL)



TYPE A GUTTER (SPECIAL)

**PLAN**



GUTTER INLET

**PLAN**

QUANTITY OF CONCRETE FOR GUTTER INLET SECTION A-A TO C-C  
1.48 CU YD

QUANTITIES OF CONCRETE FOR GUTTER ENTRANCES

CARGILL ENTRANCES:

SOUTH ENTRANCE

SECTION E-E to F-F = 14.38 CU YD

SECTION (A-A to E-E) + (F-F to D-D) = 2.50 CU YD

NORTH ENTRANCE

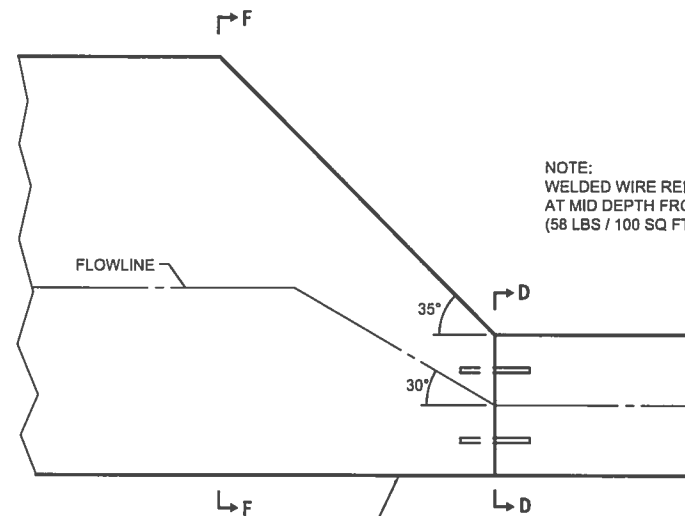
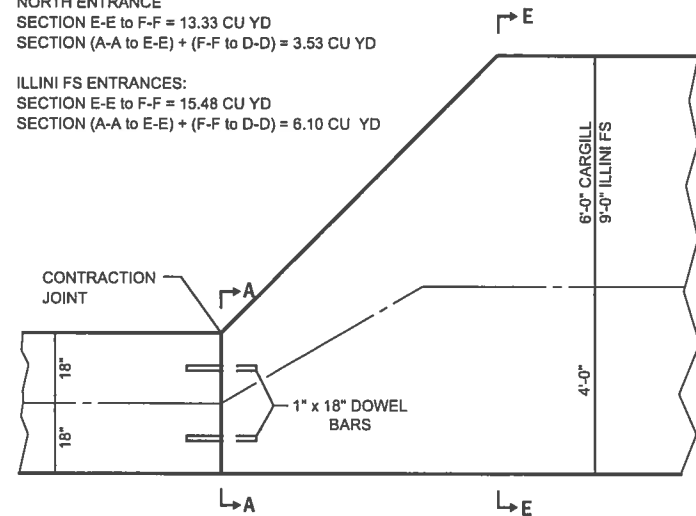
SECTION E-E to F-F = 13.33 CU YD

SECTION (A-A to E-E) + (F-F to D-D) = 3.53 CU YD

ILLINI FS ENTRANCES:

SECTION E-E to F-F = 15.48 CU YD

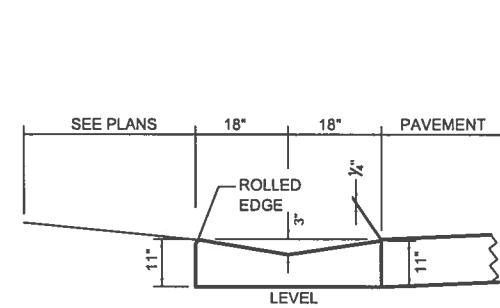
SECTION (A-A to E-E) + (F-F to D-D) = 6.10 CU YD



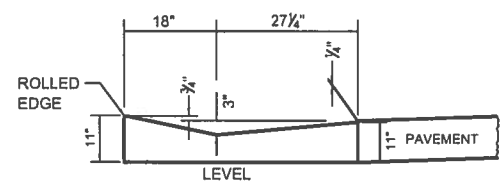
NOTE:  
WELDED WIRE REINFORCEMENT SHALL BE INSTALLED AT MID DEPTH FROM SECTION A-A TO D-D.  
(58 LBS / 100 SQ FT)

## GENERAL NOTES

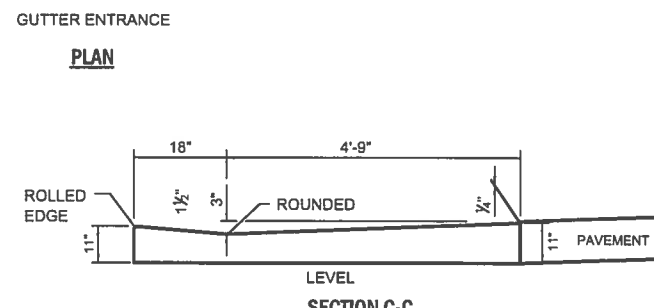
1. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 606 OF THE STANDARD SPECIFICATIONS. TRANSVERSE CONTRACTION JOINTS SHALL BE SAWED AT MAX 25' CTS. DOWEL BARS WILL BE REQUIRED AT THESE JOINTS.
2. FULL DEPTH EXPANSION JOINTS AS SHOWN ON STANDARD 420001 WITH DOWEL BARS AT 12" CTS WILL BE REQUIRED BETWEEN SEPARATE POURS.
3. ALL CONTRACTION JOINTS SHALL BE SEALED WITH A SILICONE JOINT SEALER FLUSH WITH THE SURFACE OF THE JOINT.
5. THE APPLICABLE GENERAL NOTES FOR STANDARD 606001 SHALL APPLY.
6. THE CONCRETE GUTTER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOOT FOR CONCRETE CONCRETE GUTTER, TYPE A (SPECIAL). THE CONCRETE GUTTER INLETS AND ENTRANCES WILL BE PAID AT THE CONTRACT UNIT PRICE CUBIC YARD FOR CLASS SI CONCRETE OUTLET, WHICH PRICES SHALL BE PAYMENT IN FULL FOR ALL LABOR, EQUIPMENT AND MATERIALS AS SPECIFIED INCLUDING WELDED WIRE REINFORCEMENT, EXPANSION JOINTS, CONTRACTION JOINTS, DOWEL BARS, SAW CUT JOINTS AND JOINT SEALER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE CONCRETE GUTTER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE CUBIC YARD FOR EARTH EXCAVATION.



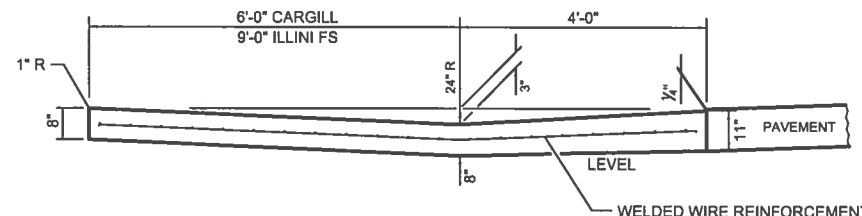
**SECTIONS A-A & D-D**



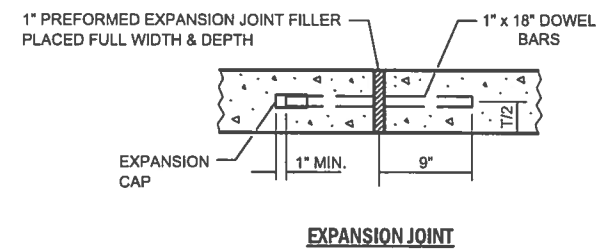
**SECTION B-B**



**SECTION C-C**



**SECTIONS E-E & F-F**



**EXPANSION JOINT**

C:\Users\jmor\Desktop\PRAIRIES EDGE TOTAL PROJECT\B38 Prairie Edge Drive\Typicals & Details.dgn

USER NAME = jmor	DESIGNED - JHM	REVISED -
PLOT SCALE = 48.0000' / 1"	DRAWN - JHM	REVISED -
PLOT DATE = 1/14/2018	CHECKED -	REVISED -
	DATE - 08/2017	REVISED -

**DETAIL OF CONCRETE GUTTER, TYPE A (SPECIAL)**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: NONE	SHEET 1	OF 1 SHEET

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 33	13-00121-00-WR	EDGAR	174	100
CONTRACT NO. 91529				
EDGAR COUNTY, ILLINOIS FED. AID PROJECT				