

01-15-2021 LETTING ITEM 109

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL-AID PROJECT STP-RURAL FUNDS

BATESTOWN ROAD
F.A.U. ROUTE 7005 (CH 36)
SECTION 18-00213-00-PV
VERMILION COUNTY
PROJECT 8URU(930)
C-95-056-19

F.A.U. RTB.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	1
		ILLINOIS	CONTRACT NO. 91586	

FOR INDEX OF SHEETS & LIST OF ILLINOIS DOT STANDARDS SEE SHEET NO. 2

UTILITY CONTACTS:

UTILITY TYPE:

GAS
AMEREN IP
(618) 301-5327
ATTN: NATHAN HILL

UTILITY TYPE:

WATER
AQUA ILLINOIS - VERMILION CO.
815-614-2075
ATTN: LANCE LANGER

UTILITY TYPE:

ELECTRIC
AMEREN IP
(618) 301-5327
ATTN: NATHAN HILL

UTILITY TYPE:

SEWER
AQUA ILLINOIS - VERMILION CO.
815-614-2075
ATTN: LANCE LANGER

UTILITY TYPE:

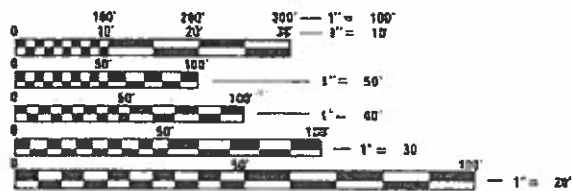
COMMUNICATION
AT&T DISTRIBUTION
ATTN: TROY LATOZ
PHONE: (217) 398-7880

UTILITY TYPE:

CABLE
COMCAST
(217) 728-3605
ATTN: MARTHA GIERAS

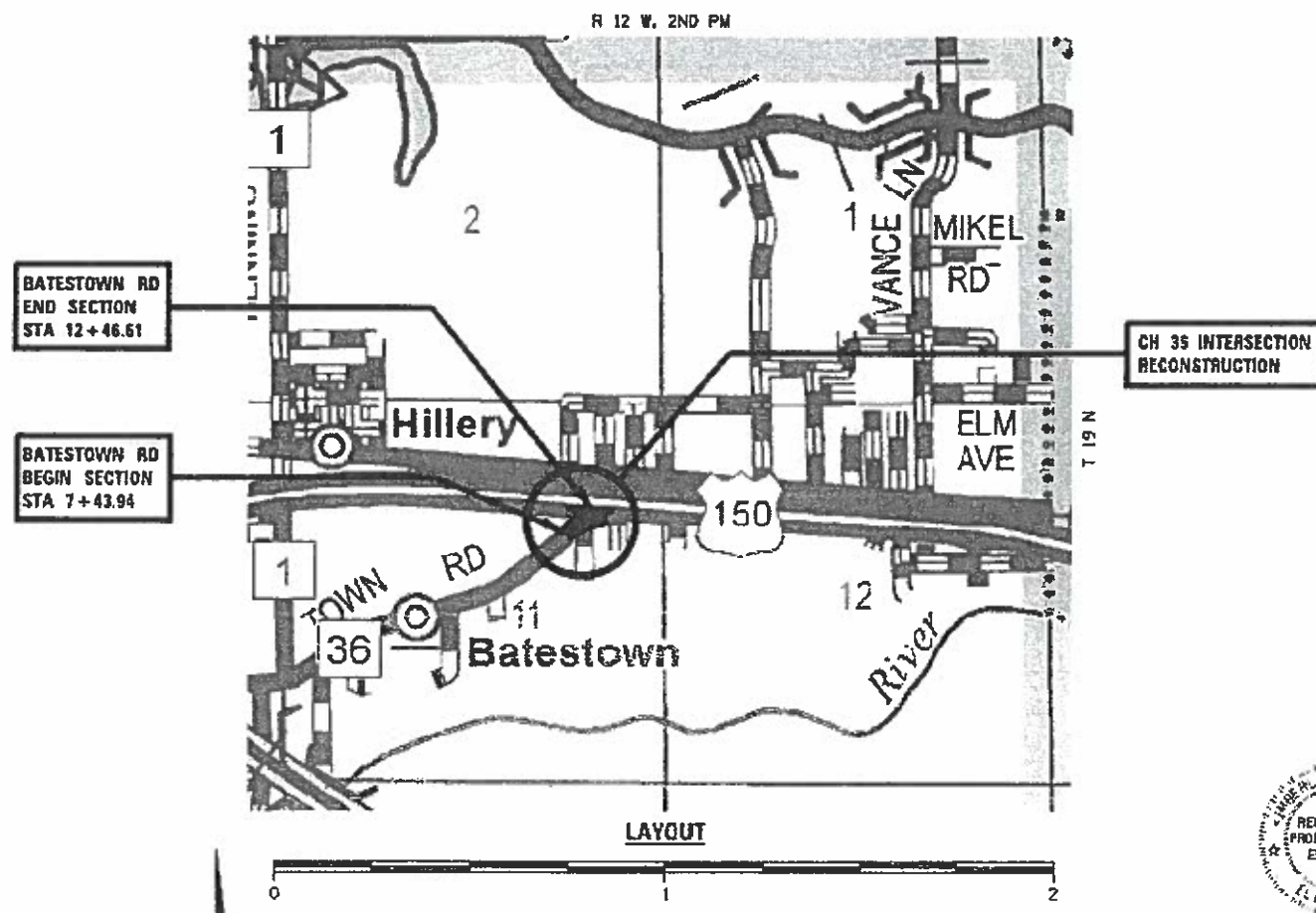
UTILITY TYPE:

COMMUNICATION
METRO COMMUNICATIONS CO.
(217) 728-3605
ATTN: JASON KOONCE



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

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

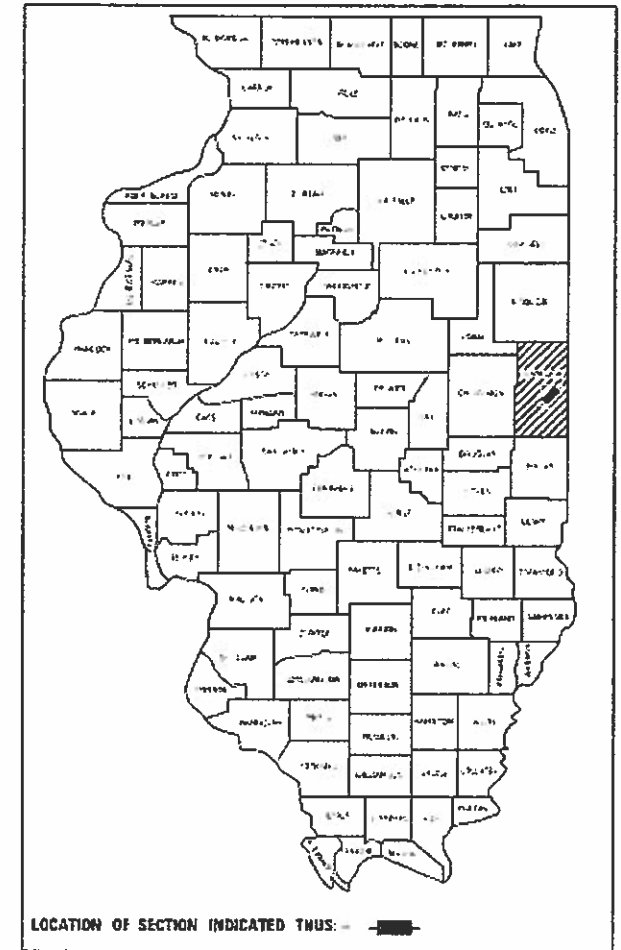


GROSS LENGTH OF SECTION = 502.67 FEET = 0.095 MILES
NET LENGTH OF SECTION = 502.67 FEET = 0.095 MILES

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED 30 MPH
CURRENT ADT= 1150 (2014)



Kenisha Hammettson 11/30/20
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/21)



APPROVED: 10/7 2020
Adrian L. Arceneaux
COUNTY ENGINEER

PASSED: 11/2 2020
[Signature]
DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW: 11/2 2020
Kenisha Hammettson
REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO TITLE

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- 420111-04 PCC ROUNDOUTS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 602301-04 INLET, TYPE A
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- 602401-07 PRECAST MANHOLE TYPE A 4' (1.22M) DIAMETER
- 602402-03 PRECAST MANHOLE TYPE A 5' (1.52M) DIAMETER
- 602601-06 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-05 FRAME AND LIDS, TYPE 1
- 604051-04 FRAME AND GRATE, TYPE 11
- 606001-07 CONCRETE CURB TYPE B AND COMB CONC CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
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- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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- 701311-03 LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701422-10 LANE CLOSURE MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
- 701501-06 URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 14-12 PORTLAND CEMENT CONCRETE PAVEMENT (NONREINFORCED)
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2016, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THESE PLANS.
2. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
3. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
4. THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS, THE J.U.L.I.E NUMBER IS 1 (800) 892-0123. A MINIMUM 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES WITH UTILITY COMPANIES LISTED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
7. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT.
8. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NAVD 88 DATUM.
9. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
10. THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.
11. REMOVAL OF THE EXISTING B.A.M. (BITUMINOUS AGGREGATE MIXTURE) WILL BE PAID FOR AS PAVEMENT REMOVAL.
12. THE COST OF THE TRANSITIONS IDENTIFIED ON THE PLAN SHEETS AS CC&G TRANSITION SHALL BE PAID AS CONCRETE GUTTER, TYPE A (SPECIAL) BY THE FOOT.
13. SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR THE ITEM BEING REMOVED, IF NECESSARY IN ORDER TO CREATE A CLEAN JOINT FOR CONSTRUCTION OF THE PROPOSED ITEMS.
14. THE COST OF THE REMOVAL AND DISPOSAL OF THE WOOD POST IDENTIFIED ON THE PLAN SHEETS SHALL NOT BE PAID SEPERATELY, BUT INCLUDED IN THE COST OF EARTH EXCAVATION.

COMMITMENTS

PRIOR TO CLOSING THE SOUTH EB LANE ON US ROUTE 150, THE TRAFFIC CONTROL AUTHORIZATION REQUEST (FORM BSPE 725) WILL BE SUBMITTED TO DISTRICT 5 BUREAU OF OPERATIONS FOR APPROVAL.

APPLICATION RATES USED IN QUANTITY CALCULATIONS

GRANULAR MATERIALS TYPE A	2.05 TONS/CU YD
GRANULAR MATERIALS TYPE B	1.80 TONS/CY YD
FERTILIZER NUTRIENTS	90 LBS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT

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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

INDEX OF HIGHWAY STANDARDS AND GENERAL NOTES

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	2
			CONTRACT NO. 91586	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST TYPE CODE	
				STR FUNDS	
				80% FEDERAL 20% LOCAL	
				ROADWAY 0004	
				RURAL	
20200100	EARTH EXCAVATION	CU YD	418	418	
20800150	TRENCH BACKFILL	CU YD	46	46	
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	497	497	
21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	20	20	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	50	
28000400	PERIMETER EROSION BARRIER	FOOT	150	150	
28000510	INLET FILTERS	EACH	10	10	
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	717	717	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	3	3	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	23	23	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	41	41	
40600990	TEMPORARY RAMP	SQ YD	27	27	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	9	9	
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	2,676	2,676	

* SEE SPECIAL PROVISIONS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST TYPE CODE	
				STR FUNDS	
				80% FEDERAL 20% LOCAL	
				ROADWAY 0004	
				RURAL	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	50	50	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	166	166	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,315	1,315	
42400800	DETECTABLE WARNINGS	SQ FT	20	20	
44000100	PAVEMENT REMOVAL	SQ YD	2,594	2,594	
44000400	GUTTER REMOVAL	FOOT	111	111	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	779	779	
44000600	SIDEWALK REMOVAL	SQ FT	2,120	2,120	
44004250	PAVED SHOULDER REMOVAL	SQ YD	81	81	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	31	31	
54248510	CONCRETE COLLAR	CU YD	0.4	0.4	
55100400	STORM SEWER REMOVAL 10"	FOOT	68	68	
55100500	STORM SEWER REMOVAL 12"	FOOT	75	75	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	41	41	

* SEE SPECIAL PROVISIONS

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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	3
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST TYPE CODE	
				STR FUNDS	
				80% FEDERAL	20% LOCAL
				ROADWAY	
		0004		RURAL	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	5		5
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1		1
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1		1
60500305	FILLING INLETS	EACH	3		3
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2.5		2.5
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	771		771
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	47		47
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	105		105
△ *	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	350	350
△ *	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
△ *	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1
△ *	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1

* SEE SPECIAL PROVISIONS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST TYPE CODE	
				STR FUNDS	
				80% FEDERAL	20% LOCAL
				ROADWAY	
		0004		RURAL	
△ *	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	4
	67100100	MOBILIZATION	L SUM	1	1
△	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	49	49
△	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	952	952
△	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	53	53
*	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5	0.5
*	X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	3	3
*	X6023680	INLETS, TYPE A, TYPE 11 FRAME AND GRATE, SPECIAL	EACH	1	1
*	X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	228	228
*	X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	209	209
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
*	Z0056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	10	10
*	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	599	599

* SEE SPECIAL PROVISIONS

△ SPECIALTY ITEMS

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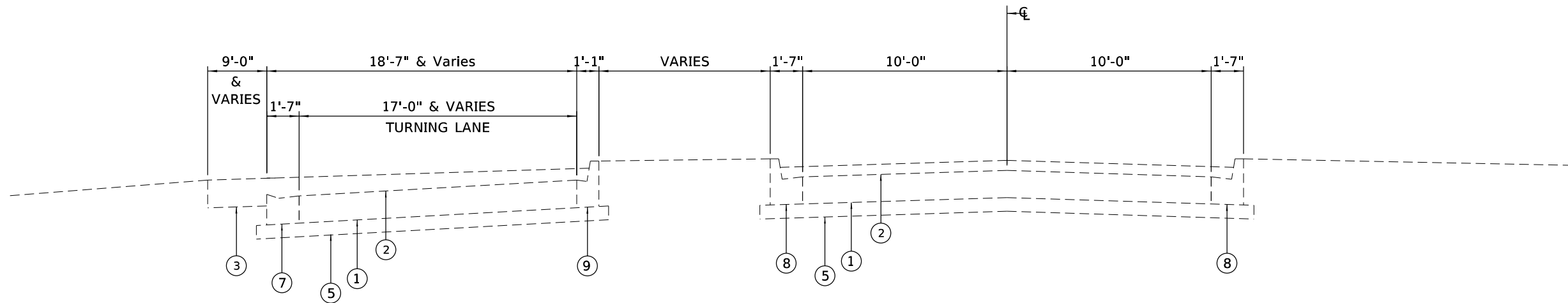
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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

SUMMARY OF QUANTITIES

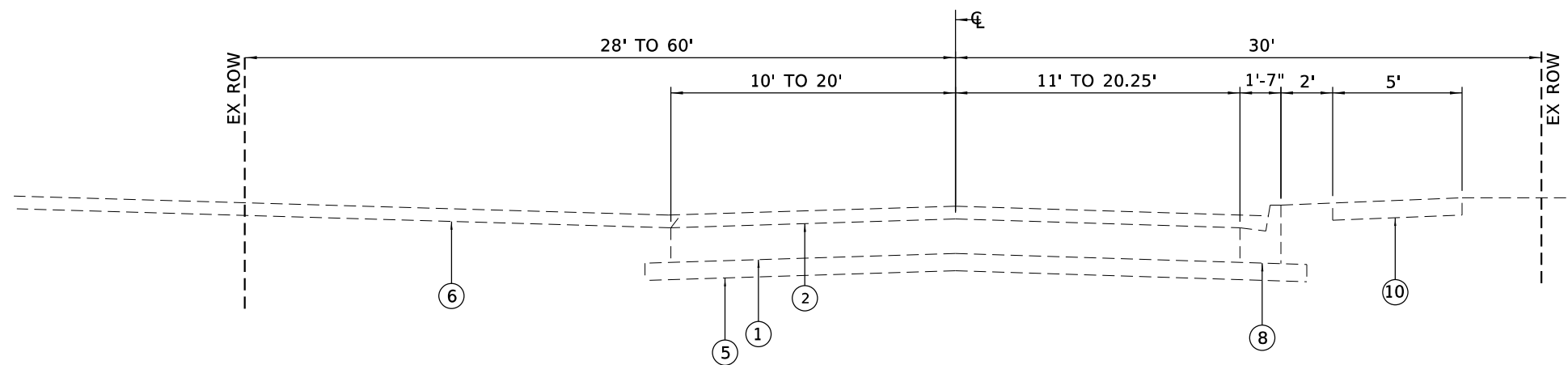
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CONTRACT NO. 91585			ILLINOIS FED. AID PROJECT	



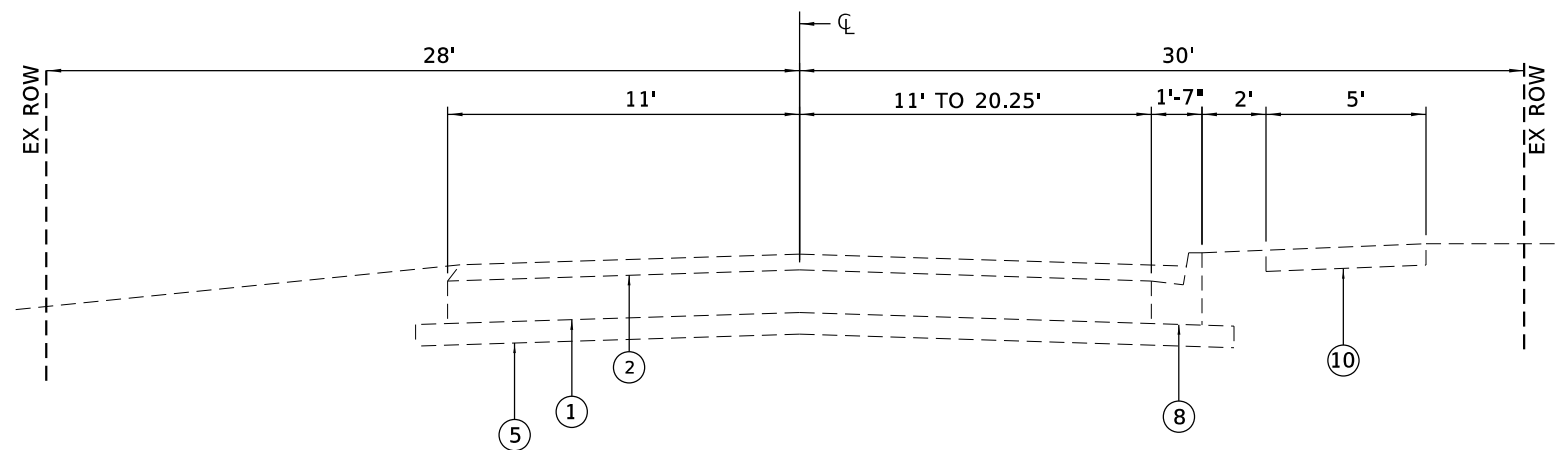
EXISTING BATESTOWN ROAD TYPICAL CROSS SECTION

STA 11+00.00 TO STA 12+46.61



EXISTING BATESTOWN ROAD TYPICAL CROSS SECTION

STA 8+12.00 TO STA 11+00.00



EXISTING BATESTOWN ROAD TYPICAL CROSS SECTION

STA 7+43.94 TO STA 8+12.00

LEGEND

- ① EX PCC PAVEMENT
- ② EX BITMINOUS SURFACE TREATMENT
- ③ EX BITUMINOUS AGGREGATE MIXTURE
- ④ EX EARTH SURFACE WITH BIT SURFACE TREATMENT
- ⑤ EX SUBBASE GRANULAR MATERIAL, TYPE A (4")
- ⑥ EX AGGREGATE SURFACE COURSE
- ⑦ EX CONCRETE GUTTER TYPE B
- ⑧ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.12
- ⑨ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.06
- ⑩ EX PCC SIDEWALK
- ⑪ PR PAVEMENT REMOVAL
- ⑫ PR GUTTER REMOVAL
- ⑬ PR SIDEWALK REMOVAL
- ⑭ PR DRIVEWAY PAVEMENT REMOVAL
- ⑮ PR PCC PAVEMENT (JOINTED) 8"
- ⑯ PR PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑰ PR AGGREGATE SHOULDERS, TYPE B (6")
- ⑱ PR AGGREGATE BASE COURSE, TYPE A (4")
- ⑲ PR COMBINATION CONCRETE CURB & GUTTER TYPE B 6.12
- ⑳ PR COMBINATION CONCRETE CURB & GUTTER TYPE M 6.06
- ㉑ PR COMBINATION CONCRETE CURB & GUTTER TYPE M 6.24
- ㉒ PR CONCRETE GUTTER TYPE A (SPECIAL)
- ㉓ PR PAINT PAVEMENT MARKING - LINE 4"
- ㉔ PR TIE BAR

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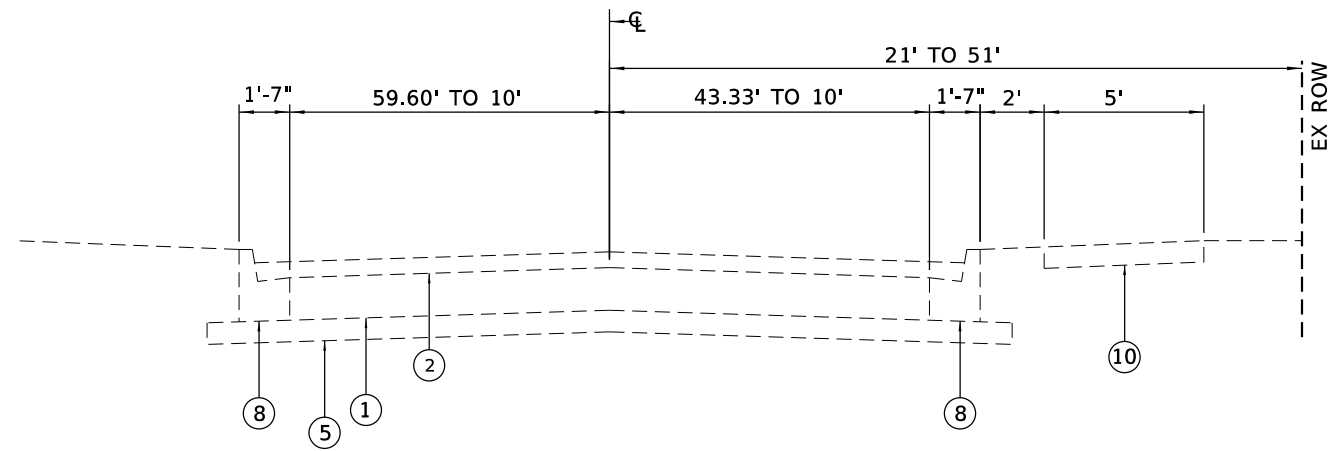
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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

TYPICAL CROSS SECTIONS

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	5
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ILLINOIS		FED. AID PROJECT		

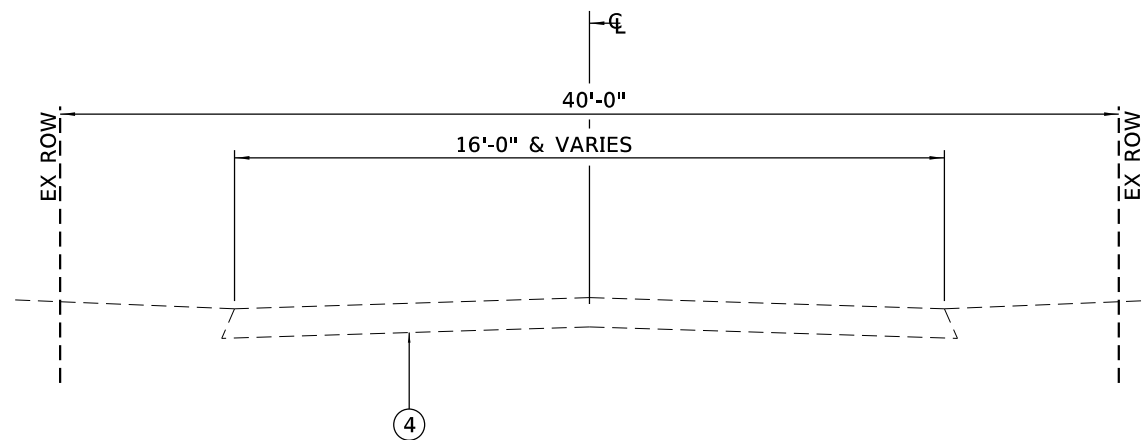


EXISTING WARRINGTON AVENUE TYPICAL CROSS SECTION

STA 100+00.00 TO STA 101+64.61

LEGEND

- ① EX PCC PAVEMENT
- ② EX BITMINOUS SURFACE TREATMENT
- ③ EX BITMINOUS AGGREGATE MIXTURE
- ④ EX EARTH SURFACE WITH BIT SURFACE TREATMENT
- ⑤ EX SUBBASE GRANULAR MATERIAL, TYPE A (4")
- ⑥ EX AGGREGATE SURFACE COURSE
- ⑦ EX CONCRETE GUTTER TYPE B
- ⑧ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.12
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- ㉒ PR CONCRETE GUTTER TYPE A (SPECIAL)
- ㉓ PR PAINT PAVEMENT MARKING - LINE 4"
- ㉔ PR TIE BAR



EXISTING S FOREST AVENUE TYPICAL CROSS SECTION

STA 1000+00.00 TO STA 1001+30.45

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PLOT DATE = 10/16/2020

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DRAWN - TEC
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DATE - 10/05/2020

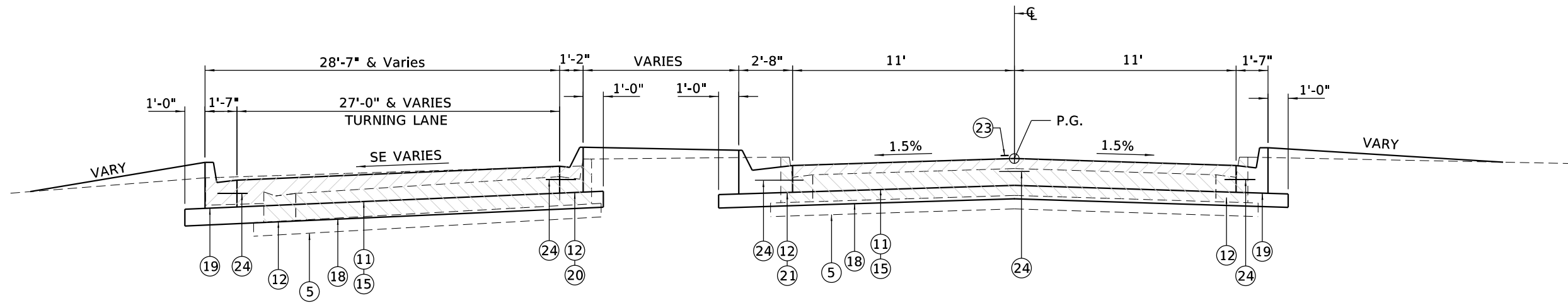
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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

TYPICAL CROSS SECTIONS

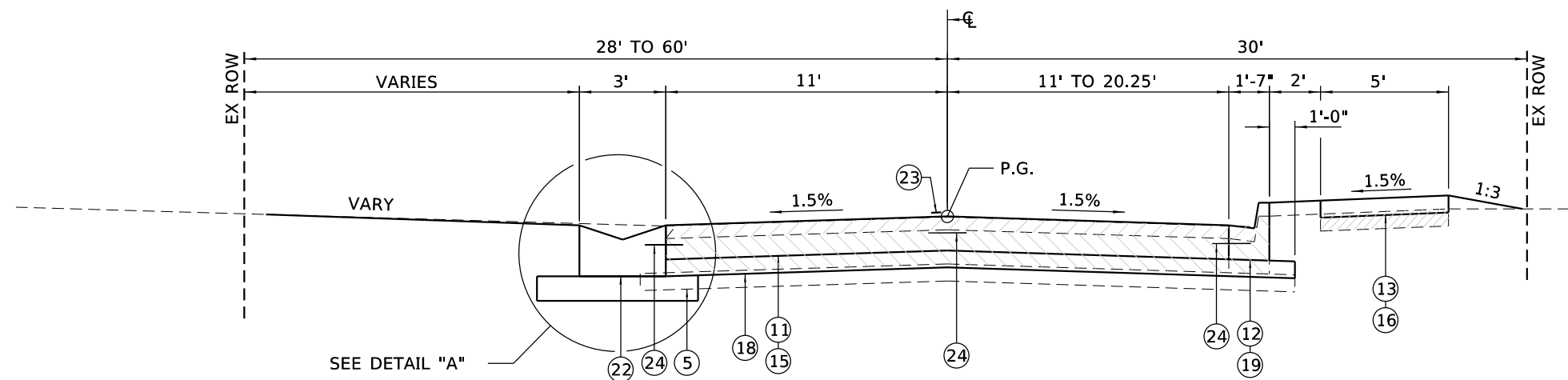
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	6
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		



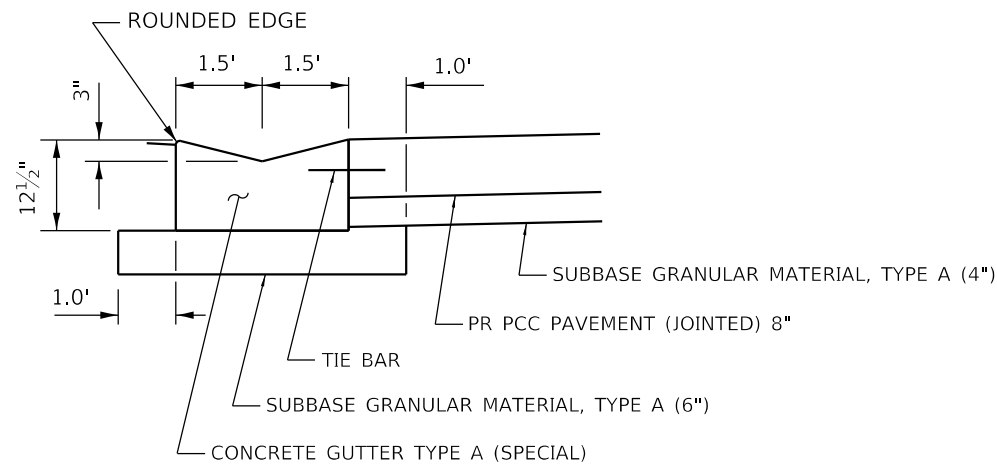
PROPOSED BATESTOWN ROAD TYPICAL CROSS SECTION

STA 11+00.00 TO STA 12+46.61



PROPOSED BATESTOWN ROAD TYPICAL CROSS SECTION

STA 7+94.11 TO STA 11+00.00



**DETAIL A
PROPOSED GUTTER TYPE A (SPECIAL)**

LEGEND

- ① EX PCC PAVEMENT
- ② EX BITMINOUS SURFACE TREATMENT
- ③ EX BITMINOUS AGGREGATE MIXTURE
- ④ EX EARTH SURFACE WITH BIT SURFACE TREATMENT
- ⑤ EX SUBBASE GRANULAR MATERIAL, TYPE A (4")
- ⑥ EX AGGREGATE SURFACE COURSE
- ⑦ EX CONCRETE GUTTER TYPE B
- ⑧ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.12
- ⑨ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.06
- ⑩ EX PCC SIDEWALK
- ⑪ PR PAVEMENT REMOVAL
- ⑫ PR GUTTER REMOVAL
- ⑬ PR SIDEWALK REMOVAL
- ⑭ PR DRIVEWAY PAVEMENT REMOVAL
- ⑮ PR PCC PAVEMENT (JOINTED) 8"
- ⑯ PR PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑰ PR AGGREGATE SHOULDERS, TYPE B (6")
- ⑱ PR AGGREGATE BASE COURSE, TYPE A (4")
- ⑲ PR COMBINATION CONCRETE CURB & GUTTER TYPE B 6.12
- ⑳ PR COMBINATION CONCRETE CURB & GUTTER TYPE M 6.06
- ㉑ PR COMBINATION CONCRETE CURB & GUTTER TYPE M 6.24
- ㉒ PR CONCRETE GUTTER TYPE A (SPECIAL)
- ㉓ PR PAINT PAVEMENT MARKING - LINE 4"
- ㉔ PR TIE BAR

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 PLOT DATE = 11/18/2020

DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 11/18/2020

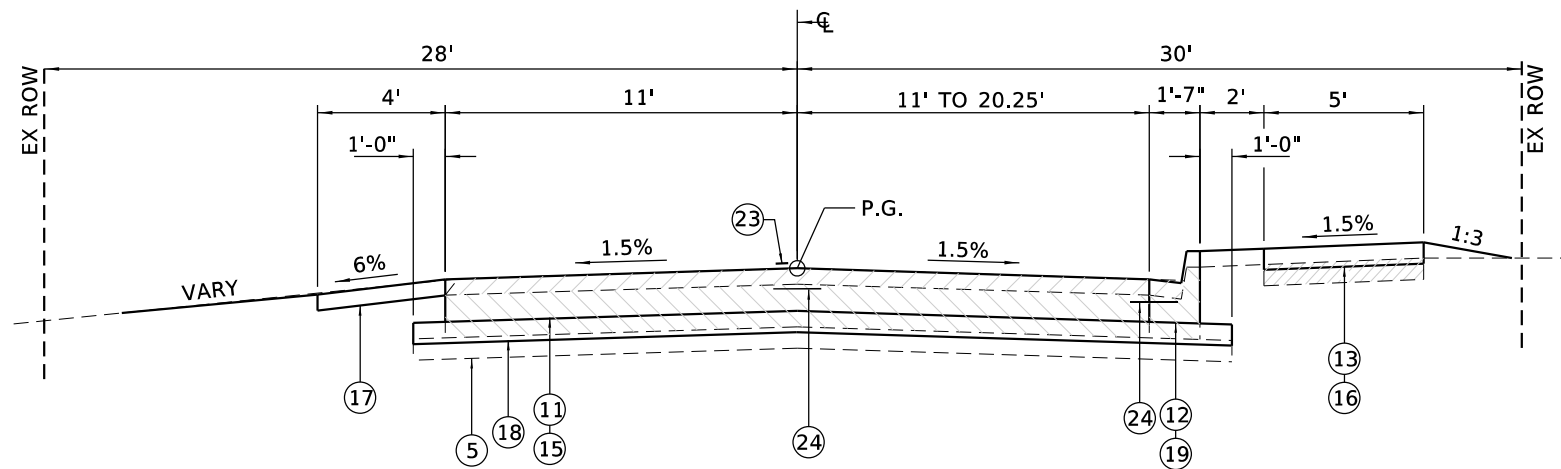
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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

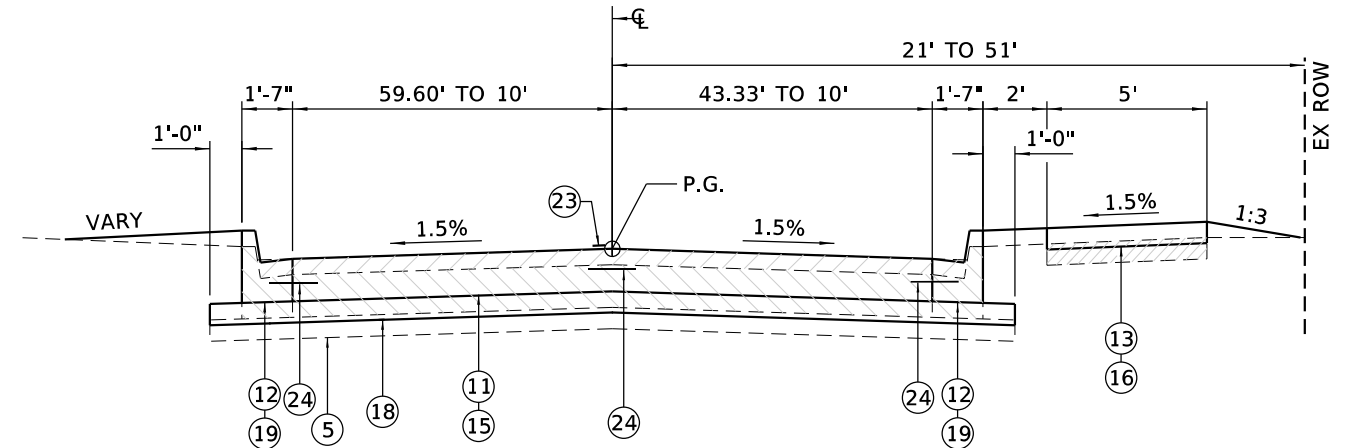
TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

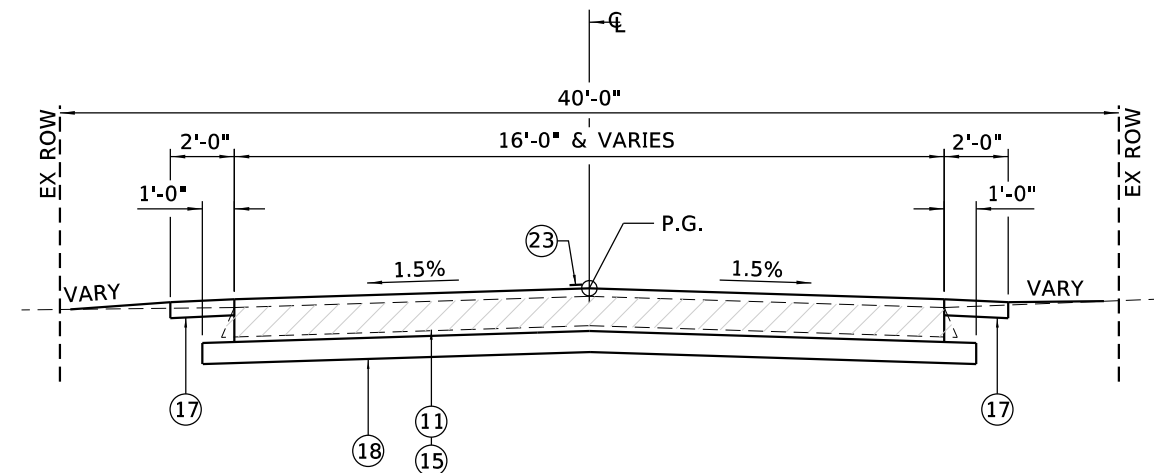
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	7
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		



PROPOSED BATESTOWN ROAD TYPICAL CROSS SECTION
 STA 7+53.94 TO STA 7+94.11



PROPOSED WARRINGTON AVENUE TYPICAL CROSS SECTION
 STA 100+00.00 TO STA 101+64.61
 MATCH EXISTING OIL & CHIP PAVEMENT STATION 101+64.61



PROPOSED S FOREST AVENUE TYPICAL CROSS SECTION
 STA 1000+00.00 TO STA 1001+30.45
 MATCH EXISTING OIL & CHIP PAVEMENT STATION 1001+30.45

LEGEND

- ① EX PCC PAVEMENT
- ② EX BITMINOUS SURFACE TREATMENT
- ③ EX BITMINOUS AGGREGATE MIXTURE
- ④ EX EARTH SURFACE WITH BIT SURFACE TREATMENT
- ⑤ EX SUBBASE GRANULAR MATERIAL, TYPE A (4")
- ⑥ EX AGGREGATE SURFACE COURSE
- ⑦ EX CONCRETE GUTTER TYPE B
- ⑧ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.12
- ⑨ EX COMBINATION CONCRETE CURB & GUTTER TYPE B 6.06
- ⑩ EX PCC SIDEWALK
- ⑪ PR PAVEMENT REMOVAL
- ⑫ PR GUTTER REMOVAL
- ⑬ PR SIDEWALK REMOVAL
- ⑭ PR DRIVEWAY PAVEMENT REMOVAL
- ⑮ PR PCC PAVEMENT (JOINTED) 8"
- ⑯ PR PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑰ PR AGGREGATE SHOULDERS, TYPE B (6")
- ⑱ PR AGGREGATE BASE COURSE, TYPE A (4")
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- ⑳ PR COMBINATION CONCRETE CURB & GUTTER TYPE M 6.06
- ㉑ PR COMBINATION CONCRETE CURB & GUTTER TYPE M 6.24
- ㉒ PR CONCRETE GUTTER TYPE A (SPECIAL)
- ㉓ PR PAINT PAVEMENT MARKING - LINE 4"
- ㉔ PR TIE BAR

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 DRAWN - TEC
 CHECKED - KSC
 DATE - 11/18/2020

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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	8
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		

EARTHWORK		20200100			
LOCATION	EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
CH 36	CU YD	CU YD	CU YD	CU YD	
LT STA 7+43.94 TO STA 12+86.51	281	211	14	197	
RT STA 7+43.94 TO STA 12+86.51	137	103	17	86	
TOTAL	418	314	31	283	
SHRINKAGE = 25%					

44000600 SIDEWALK REMOVAL		SQ FT
LOCATION		
BATESTOWN ROAD		
RT STA 8+30.46 TO STA 10+00.00		827.02
LT STA 10+07.14 TO STA 11+39.71		383.06
LT STA 11+61.91 TO STA 12+22.94		234.59
WARRINGTON AVE		
RT STA 100+31.25 TO STA 101+64.61		674.87
TOTAL		2,119.54
USE		2,120

40600990 TEMPORARY RAMP			
LOCATION	WIDTH FOOT	LENGTH FOOT	SQ YD
FOREST AVE			
STA 1000+59.98 TO STA 1000+66.65	16.92	6.67	12.54
WARRINGTON AVE			
STA 101+54.61 TO STA 101+61.28	20.00	6.67	14.82
TOTAL			27.36
USE			27

21101625 TOPSOIL FURNISH AND PLACE, 6"		SQ YD
LOCATION		
LT STA 8+03.10 TO STA 9+54.92		271.32
LT STA 9+84.92 TO STA 11+07.79		225.39
TOTAL		496.71
USE		497

44004250 PAVED SHOULDER REMOVAL		SQ YD
LOCATION		
US 150		
RT STA 495+64.50 TO STA 496+35.20		36.27
RT STA 498+35.20 TO STA 499+19.50		45.03
TOTAL		81.30
USE		81

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING			
LOCATION	THICKNESS INCH	AREA SQ YD	TON
MAILBOX TURNOUT			
LT STA 8+50.00	3.5	9.16	1.80
FOREST AVE			
STA 1000+59.98 TO STA 1000+69.98	2	18.87	2.11
WARRINGTON AVE			
STA 101+54.61 TO STA 101+64.61	2	22.16	4.92
TOTAL			8.83
USE			9

44000100 PAVEMENT REMOVAL		SQ YD
LOCATION		
BATESTOWN ROAD		
STA 7+43.94 TO STA 12+46.61		1,394.03
US 150 RIGHT TURN LANE		
STA 496+35.20 TO STA 497+84.71		341.67
WARRINGTON AVE		
STA 100+18.62 TO STA 101+54.61		818.60
FOREST AVE		
STA 1000+33.46 TO STA 1000+59.70		39.74
TOTAL		2,594.04
USE		2,594

31100100 SUBBASE GRANULAR MATERIAL, TYPE A			
LOCATION	THICKNESS INCH	AREA SQ YD	TON
TURN LANE			
LT STA 10+80.60 TO STA 10+85.84	4	503.70	114.73
BATESTOWN ROAD (4" DEPTH)			
STA 7+43.94 TO STA 12+46.61	4	1,430.27	325.78
BATESTOWN ROAD (GUTTER SECT)			
LT STA 7+94.11 TO STA 10+15.50	6	124.72	42.61
WARRINGTON AVE			
STA 100+18.62 TO STA 101+54.61	4	949.79	216.34
FOREST AVE			
STA 1000+32.33 TO STA 1000+59.98	4	75.95	17.30
TOTAL			716.76
USE			717

42000301 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)		SQ YD
LOCATION		
TURN LANE		
LT STA 10+80.60 TO STA 10+85.84		450.26
BATESTOWN ROAD		
STA 7+43.94 TO STA 12+46.61		1,329.20
WARRINGTON AVE		
STA 100+18.62 TO STA 101+54.61		827.15
FOREST AVE		
STA 1000+32.33 TO STA 1000+59.98		68.94
TOTAL		2,675.55
USE		2,676

44000400 GUTTER REMOVAL		FOOT
LOCATION		
BATESTOWN ROAD		
LT STA 11+07.79 TO STA 11+40.40		110.52
TOTAL		110.52
USE		111

35101400 AGGREGATE BASE COURSE, TYPE B			
LOCATION	THICKNESS INCH	AREA SQ YD	TON
MAILBOX TURNOUT			
LT STA 8+50.00	6	9.16	2.75
TOTAL			2.75
USE			3

44000500 COMBINATION CURB AND GUTTER REMOVAL		FOOT
LOCATION		
BATESTOWN ROAD		
RT STA 7+93.68 TO STA 10+00.00		206.32
RT STA 11+38.95 TO STA 12+38.62		99.67
BATESTOWN ROAD ISLAND		
LT STA 11+44.86 TO STA 12+24.72		208.58
WARRINGTON AVE		
RT STA 100+28.77 TO STA 101+64.61		135.84
RT STA 101+09.09 TO STA 101+29.79		20.70
LT STA 101+27.76 TO STA 101+64.61		107.90
TOTAL		779.01
USE		779

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
LOCATION	WIDTH FOOT	LENGTH FOOT	SQ YD
FOREST AVE			
STA 1000+59.98 TO STA 1000+69.98	16.92	10.00	18.80
WARRINGTON AVE			
STA 101+54.61 TO STA 101+64.61	20.00	10.00	22.22
TOTAL			41.02
USE			41

40600290 BITUMINOUS MATERIALS (TACK COAT)			
LOCATION	RATE LB/SQ FT	AREA SQ FT	POUND
MAILBOX TURNOUT			
LT STA 8+50.00	0.05	82.46	4.12
FOREST AVE			
STA 1000+59.98 TO STA 1000+69.98	0.05	169.86	8.49
WARRINGTON AVE			
STA 101+54.61 TO STA 101+64.61	0.05	199.46	9.97
TOTAL			22.58
USE			23

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 PLOT DATE = 11/18/2020

DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 11/18/2020

REVISED -
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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	9
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

48101200 AGGREGATE SHOULDERS, TYPE B				
LOCATION	THICKNESS INCH	AREA SQ YD	TON	
BATESTOWN ROAD				
LT STA 7+43.94 TO STA 7+94.11	6	22.25	6.68	
RT STA 7+43.94 TO STA 7+67.80	6	9.91	2.97	
US 150				
RT STA 495+58.06 TO STA 495+34.27	6	24.90	7.47	
RT STA 498+27.80 TO STA 499+19.49	6	32.37	9.71	
FOREST AVE				
LT STA 1000+32.58 TO STA 1000+70.06	6	8.23	2.47	
RT STA 1000+50.67 TO STA 1000+69.43	6	4.69	1.41	
TOTAL			30.71	
USE			31	

42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH		SQ FT
BATESTOWN ROAD		
RT STA 7+87.98 TO STA 9+46.67		784.58
RT STA 9+75.03 TO STA 10+48.31		388.45
WARRINGTON AVE		
RT STA 100+97.60 TO STA 101+31.63		141.49
TOTAL		1,314.52
USE		1,315

42400800 DETECTABLE WARNINGS		SQ FT
BATESTOWN ROAD		
RT STA 9+41.62		10.00
RT STA 9+84.22		10.00
TOTAL		20.00
USE		20

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH		SQ YD
BATESTOWN ROAD		
RT STA 7+79.60		35.92
WARRINGTON AVE		
RT STA 100+92.50		14.28
TOTAL		50.20
USE		50

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		SQ YD
BATESTOWN ROAD		
LT STA 9+70.00		133.42
WARRINGTON AVE		
RT STA 101+40.70		32.14
TOTAL		165.56
USE		166

60600095 CLASS SI CONCRETE (OUTLET)		
LOCATION		CU YD
BATESTOWN RD		
LT STA 7+94.11 TO STA 8+06.11		1.73
LT STA 11+26.55 TO STA 11+33.52		0.37
RT STA 12+53.50 TO STA 12+62.32		0.37
TOTAL		2.47
USE		2.5

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12		FOOT
BATESTOWN RD		
RT STA 7+94.11 TO STA 9+88.86		195.81
RT STA 11+42.95 TO STA 12+53.50		113.16
LT STA 10+15.50 TO STA 11+33.52		205.34
WARRINGTON AVE		
RT STA 100+17.29 TO STA 101+64.61		148.74
LT STA 101+31.57 TO STA 101+64.61		107.88
TOTAL		770.93
USE		771

60608600 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06		FOOT
TURN LANE		
LT STA 11+47.43 TO STA 11+75.50		46.75
TOTAL		46.75
USE		47

60610400 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24		FOOT
BATESTOWN RD		
LT STA 11+50.49 TO STA 12+10.32		59.83
LT STA 11+85.12 TO STA 12+15.11		45.31
TOTAL		105.14
USE		105

X6060714 CONCRETE MEDIAN (SPECIAL)		SQ FT
BATESTOWN RD		
LT STA 11+45.76		52.16
LT STA 11+79.81		61.50
LT STA 12+13.38		114.63
TOTAL		228.29
USE		228

X6062700 CONCRETE GUTTER, TYPE A (SPECIAL)		FOOT
BATESTOWN RD		
LT STA 8+06.11 TO STA 10+15.50		209.39
TOTAL		209.39
USE		209

28000250 TEMPORARY EROSION CONTROL SEEDING		
LOCATION		POUND
LT STA 7+44 TO STA 10+86		32
RT STA 7+44 TO STA 12+87		12
ISLAND		4
TOTAL		50

28000400 PERIMETER EROSION BARRIER		FOOT
BATESTOWN ROAD		
RT STA 7+81 TO STA 9+31		150
TOTAL		150

28000510 INLET FILTERS		EACH
BATESTOWN ROAD		
RT STA 8+09		1
LT STA 8+09		1
LT STA 9+39		1
LT STA 10+47		1
LT STA 11+24		1
LT STA 11+37		1
LT STA 11+84		1
RT STA 11+84		1
LT STA 10+47		
WARRINGTON AVE		
RT STA 100+24		1
LT STA 101+19		1
TOTAL		10

X2501000 SEEDING, CLASS 2 (SPECIAL)		ACRE
BATESTOWN ROAD		
LT STA 7+44 TO STA 10+86		0.32
RT STA 7+44 TO STA 12+87		0.12
ISLAND		0.04
TOTAL		0.48
USE		0.5

78001100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS		SQ FT
BATESTOWN ROAD		
YIELD		
LT STA 11+43.00		22.3
2 ARROW COMBINATION RIGHT AND THROUGH		
RT STA 12+00.00		26.0
TOTAL		48.3
USE		49

78001110 PAINT PAVEMENT MARKING - LINE 4"		FOOT
YELLOW DOUBLE CENTERLINE		
STA 07+44.00 TO STA 12+20.00		952
TOTAL		952

78001180 PAINT PAVEMENT MARKING - LINE 24"		FOOT
SOLID WHITE		
BATESTOWN ROAD		
LT STA 11+28.00		22
RT STA 12+20.00		11
FOREST AVE		
RT STA 1000+44		10
WARRINGTON AVE		
RT STA 101+53.00		10
TOTAL		53

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DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 10/05/2020

REVISED -
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VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	10
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

CL BATESTOWN RD (FAU 7005)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	7+24.34	1260469.18	1166282.21
P.I.	9+88.67	1260654.62	1166470.58
P.O.T.	12+29.21	1260823.43	1166641.94
P.O.T.	12+86.51	1260863.63	1166682.76
P.O.T.	13+00.00	1260873.10	1166692.37

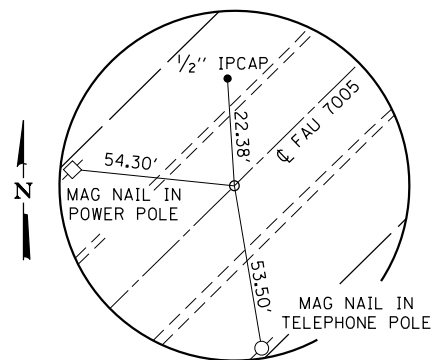
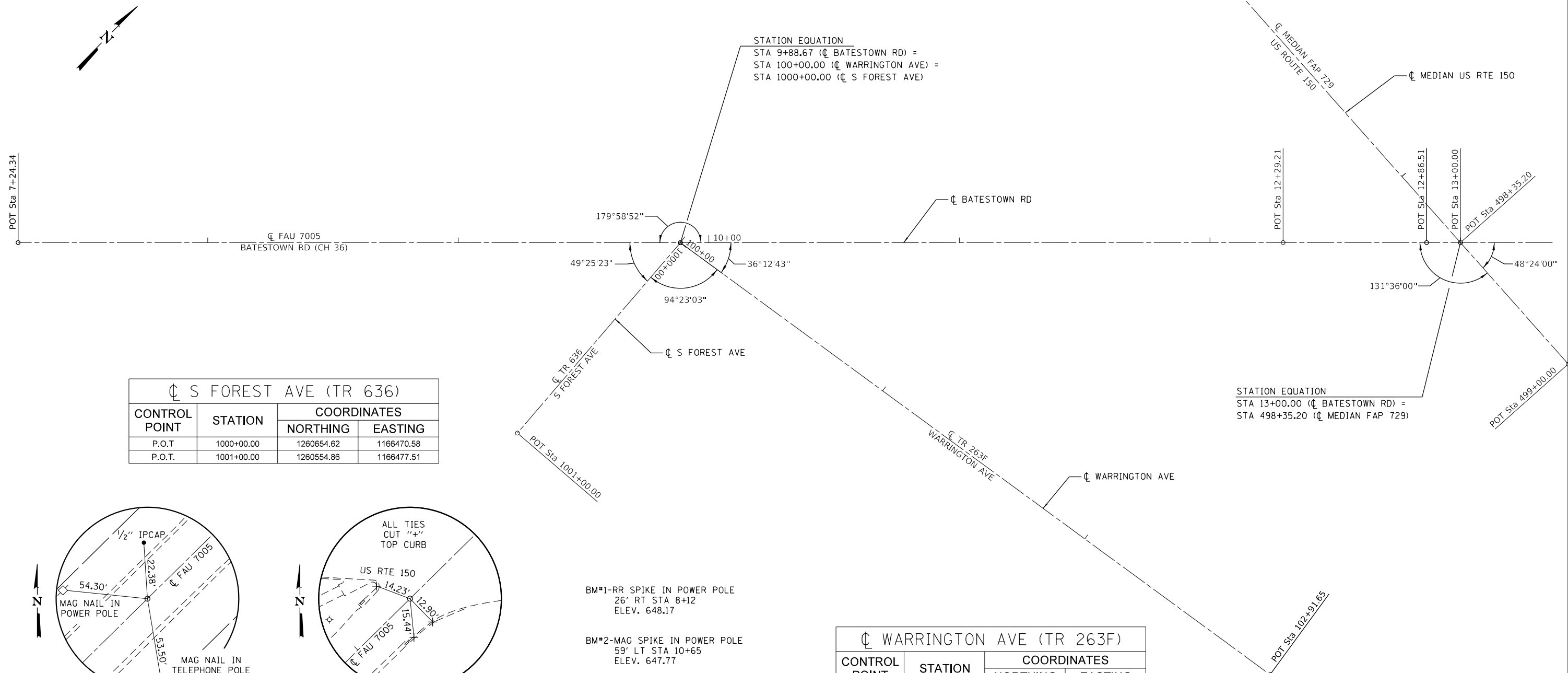
CL MEDIAN FAP 729 (US RTE 150)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	497+00.00	1260882.13	1166557.47
P.O.T.	499+00.00	1260868.78	1166757.02

CL S FOREST AVE (TR 636)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	1000+00.00	1260654.62	1166470.58
P.O.T.	1001+00.00	1260554.86	1166477.51

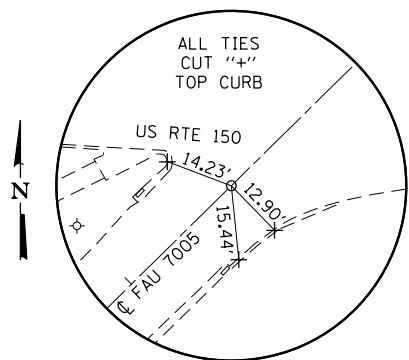
CL WARRINGTON AVE (TR 263F)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	100+00.00	1260654.62	1166470.58
P.O.T.	102+91.65	1260697.01	1166759.13

STATION EQUATION
 STA 9+88.67 (CL BATESTOWN RD) =
 STA 100+00.00 (CL WARRINGTON AVE) =
 STA 1000+00.00 (CL S FOREST AVE)

STATION EQUATION
 STA 13+00.00 (CL BATESTOWN RD) =
 STA 498+35.20 (CL MEDIAN FAP 729)



POT STA 7+24.34
MAG NAIL-(SET)



POT STA 12+29.21
MAG NAIL-(SET)

BM#1-RR SPIKE IN POWER POLE
 26' RT STA 8+12
 ELEV. 648.17

BM#2-MAG SPIKE IN POWER POLE
 59' LT STA 10+65
 ELEV. 647.77

VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS

ALIGNMENT, BENCHMARKS & CROSS TIES

SCALE: SHEET OF SHEETS STA. TO STA.

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	11
CONTRACT NO.			91586	

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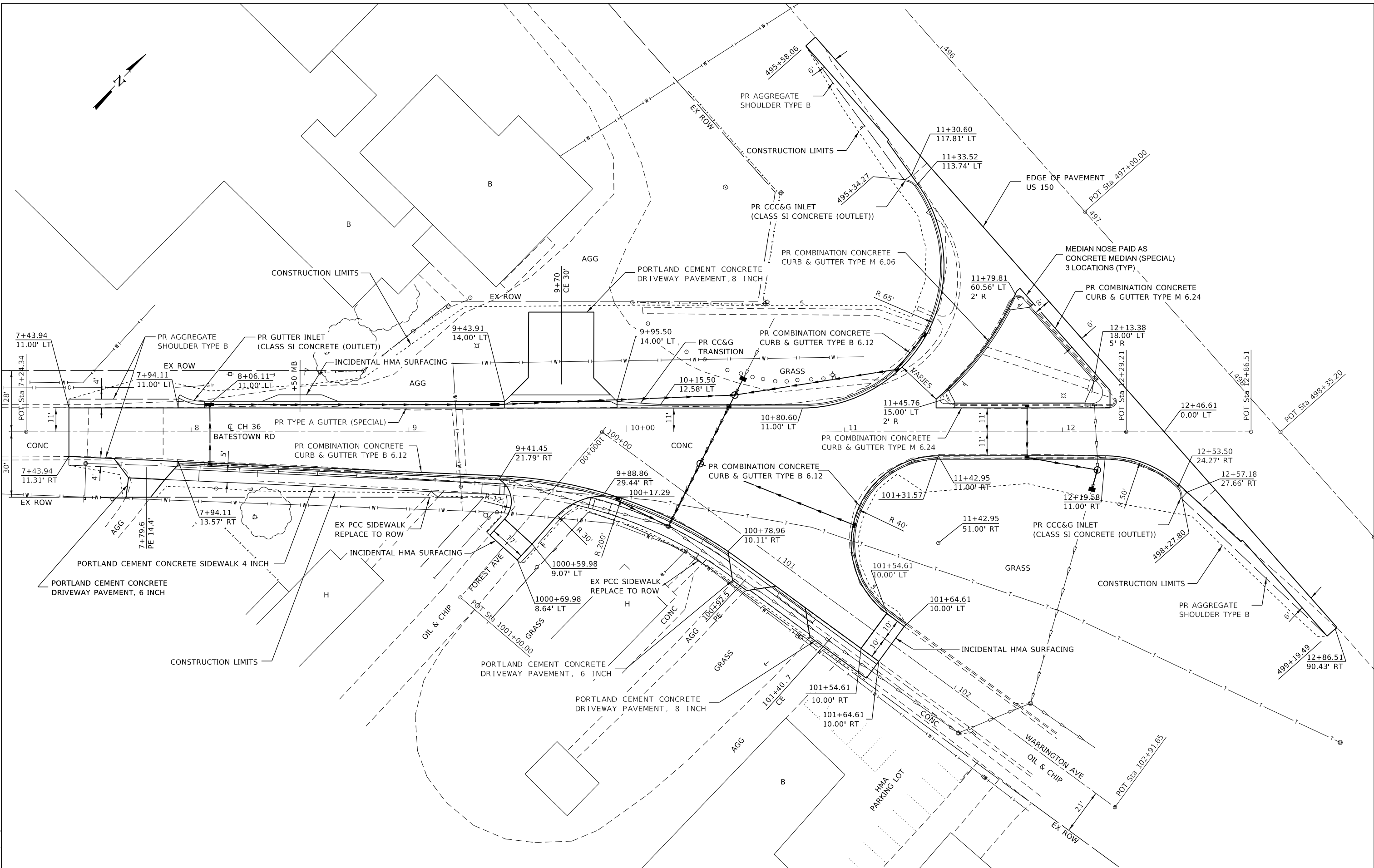
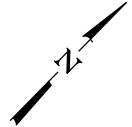


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 CHECKED - KSC
 DATE - 10/05/2020

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 REVISED -

ILLINOIS FED. AID PROJECT



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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB = 2595
 FILE NAME = 007-2595-shh-plan.dgn
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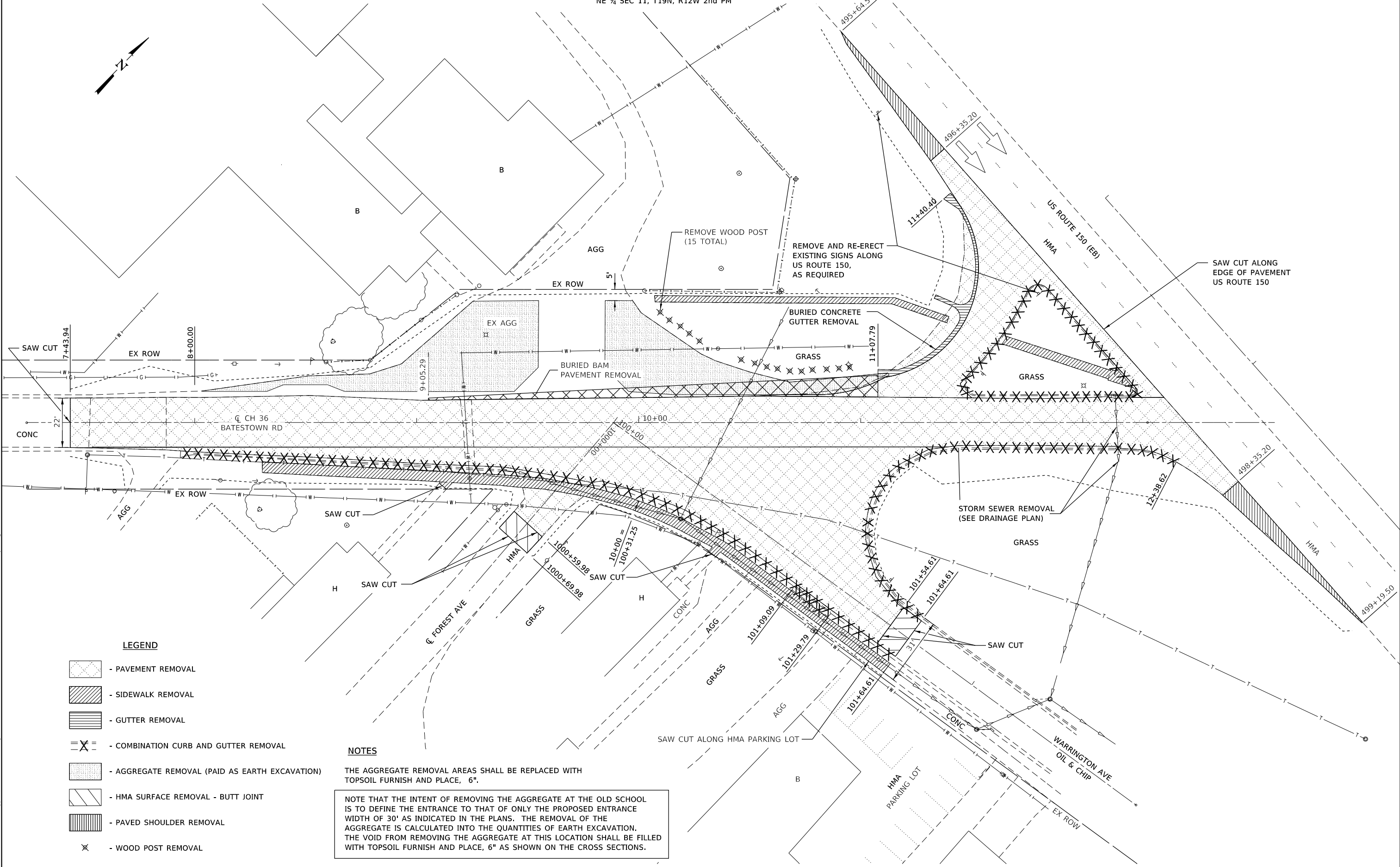
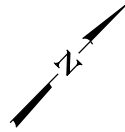
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VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS

PLAN
 SCALE: 1" = 20'
 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	12
CONTRACT NO. 91586			ILLINOIS FED. AID PROJECT	

NE ¼ SEC 11, T19N, R12W 2nd PM



LEGEND

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- GUTTER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- AGGREGATE REMOVAL (PAID AS EARTH EXCAVATION)
- HMA SURFACE REMOVAL - BUTT JOINT
- PAVED SHOULDER REMOVAL
- WOOD POST REMOVAL

NOTES

THE AGGREGATE REMOVAL AREAS SHALL BE REPLACED WITH TOPSOIL FURNISH AND PLACE, 6".

NOTE THAT THE INTENT OF REMOVING THE AGGREGATE AT THE OLD SCHOOL IS TO DEFINE THE ENTRANCE TO THAT OF ONLY THE PROPOSED ENTRANCE WIDTH OF 30' AS INDICATED IN THE PLANS. THE REMOVAL OF THE AGGREGATE IS CALCULATED INTO THE QUANTITIES OF EARTH EXCAVATION. THE VOID FROM REMOVING THE AGGREGATE AT THIS LOCATION SHALL BE FILLED WITH TOPSOIL FURNISH AND PLACE, 6" AS SHOWN ON THE CROSS SECTIONS.

MODEL: Default
FILE: \\nas01.cce.com\csl\URS_Network_Support\Jobs\Active_Roadway - 2595_Vermilion_Co_Batestown_Rd\CADD\Sheets\009-2595-sht-removalplan.dgn



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PLOT DATE = 11/18/2020	DATE - 11/18/2020

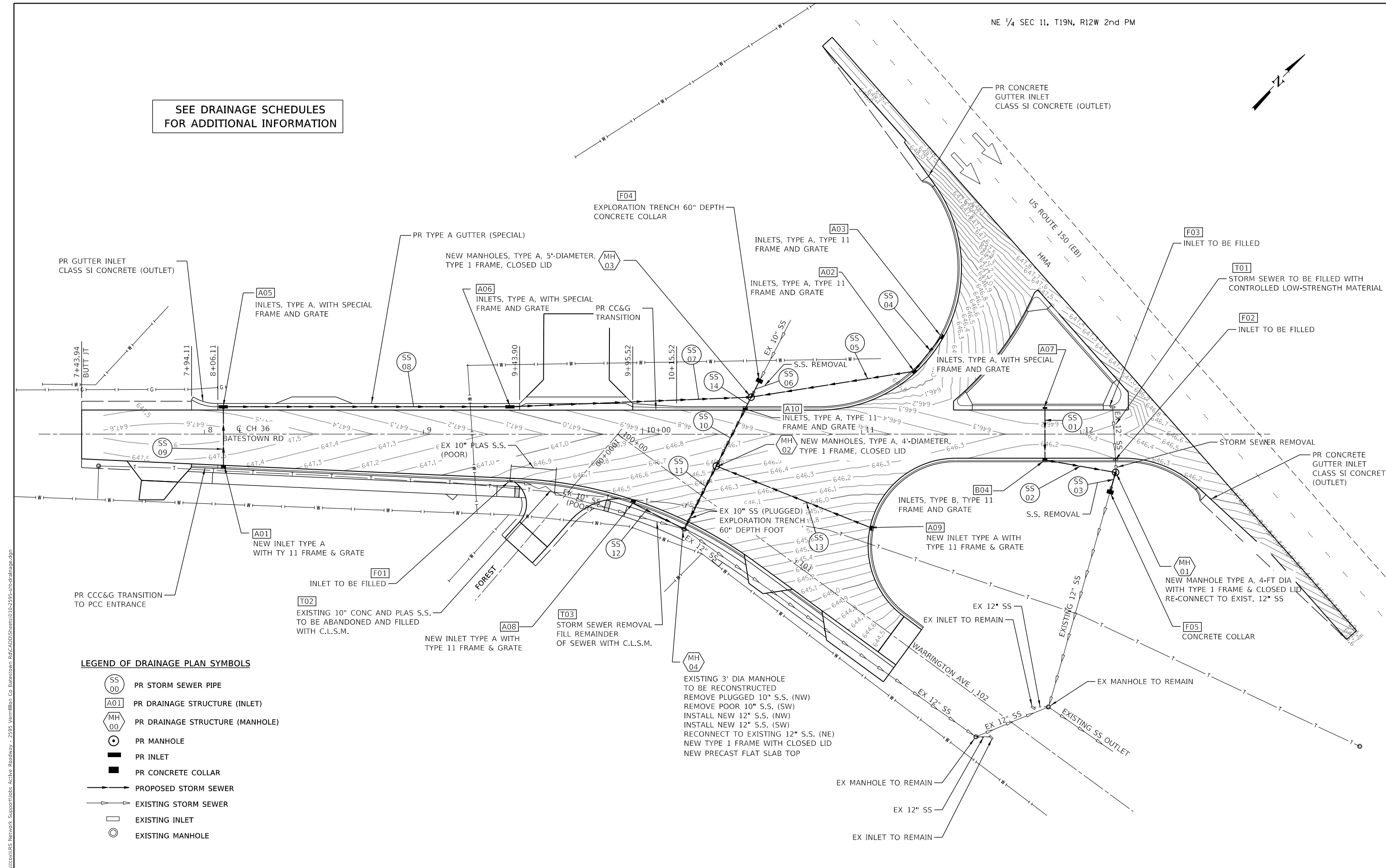
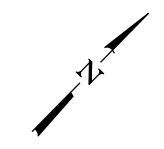
REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -

**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

REMOVAL PLAN	
SCALE: 1" = 20'	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3	18-00213-00-PV	VERMILION	37	14
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

SEE DRAINAGE SCHEDULES FOR ADDITIONAL INFORMATION



LEGEND OF DRAINAGE PLAN SYMBOLS

- PR STORM SEWER PIPE
- PR DRAINAGE STRUCTURE (INLET)
- PR DRAINAGE STRUCTURE (MANHOLE)
- PR MANHOLE
- PR INLET
- PR CONCRETE COLLAR
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- EXISTING INLET
- EXISTING MANHOLE

MODEL: Default
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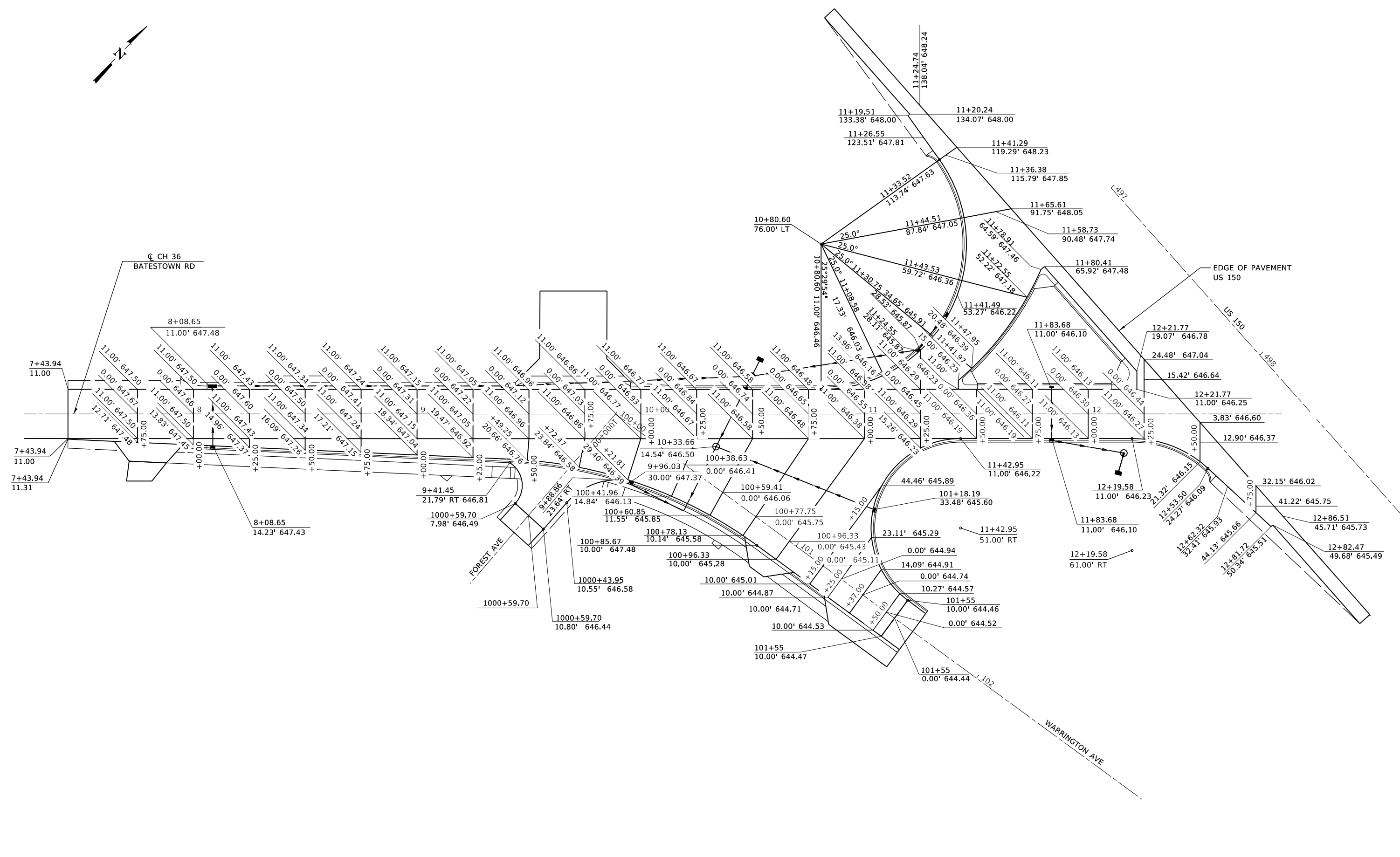
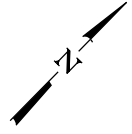
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 PLOT DATE = 11/18/2020

DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 10/05/2020

**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

DRAINAGE PLAN
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	15
CONTRACT NO.			91586	
ILLINOIS FED. AID PROJECT				



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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB = 2595
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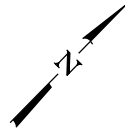
DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 10/05/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

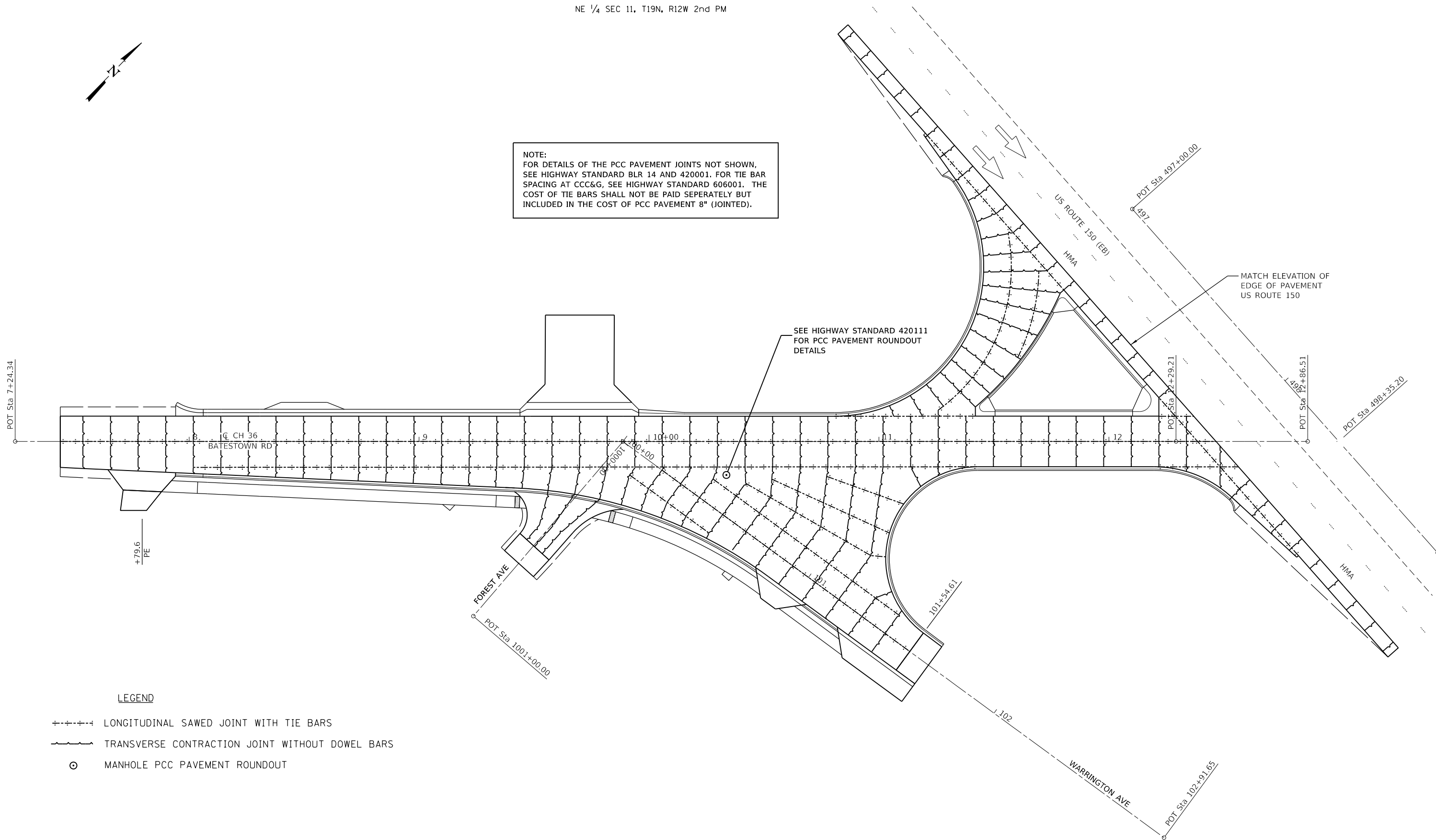
**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

**PAVEMENT ELEVATIONS
 CONCRETE PLAN**
 SCALE: 1" = 20'
 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	17
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		



NOTE:
 FOR DETAILS OF THE PCC PAVEMENT JOINTS NOT SHOWN,
 SEE HIGHWAY STANDARD BLR 14 AND 420001. FOR TIE BAR
 SPACING AT CCC&G, SEE HIGHWAY STANDARD 606001. THE
 COST OF TIE BARS SHALL NOT BE PAID SEPERATELY BUT
 INCLUDED IN THE COST OF PCC PAVEMENT 8" (JOINTED).



LEGEND

- +---+--- LONGITUDINAL SAWED JOINT WITH TIE BARS
- |---|--- TRANSVERSE CONTRACTION JOINT WITHOUT DOWEL BARS
- ⊙ MANHOLE PCC PAVEMENT ROUNDOUT

MODEL: Default
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CEC *Cummins Engineering Corporation*
 Civil and Structural Engineering

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PLOT DATE = 11/18/2020

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DRAWN - TEC
CHECKED - KSC
DATE - 11/18/2020

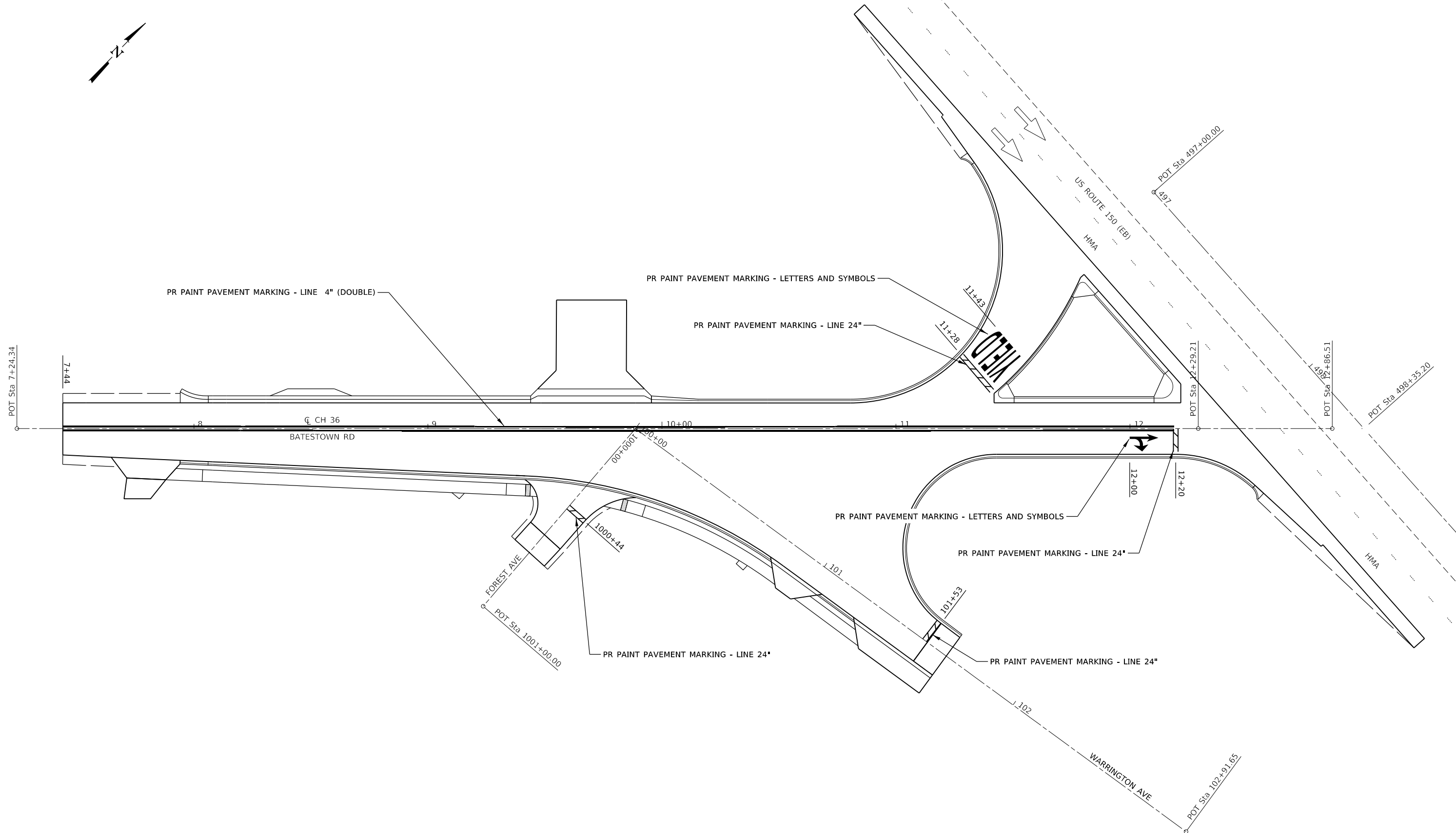
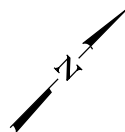
REVISED -
REVISED -
REVISED -
REVISED -

**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

CONCRETE PAVEMENT PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	18
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

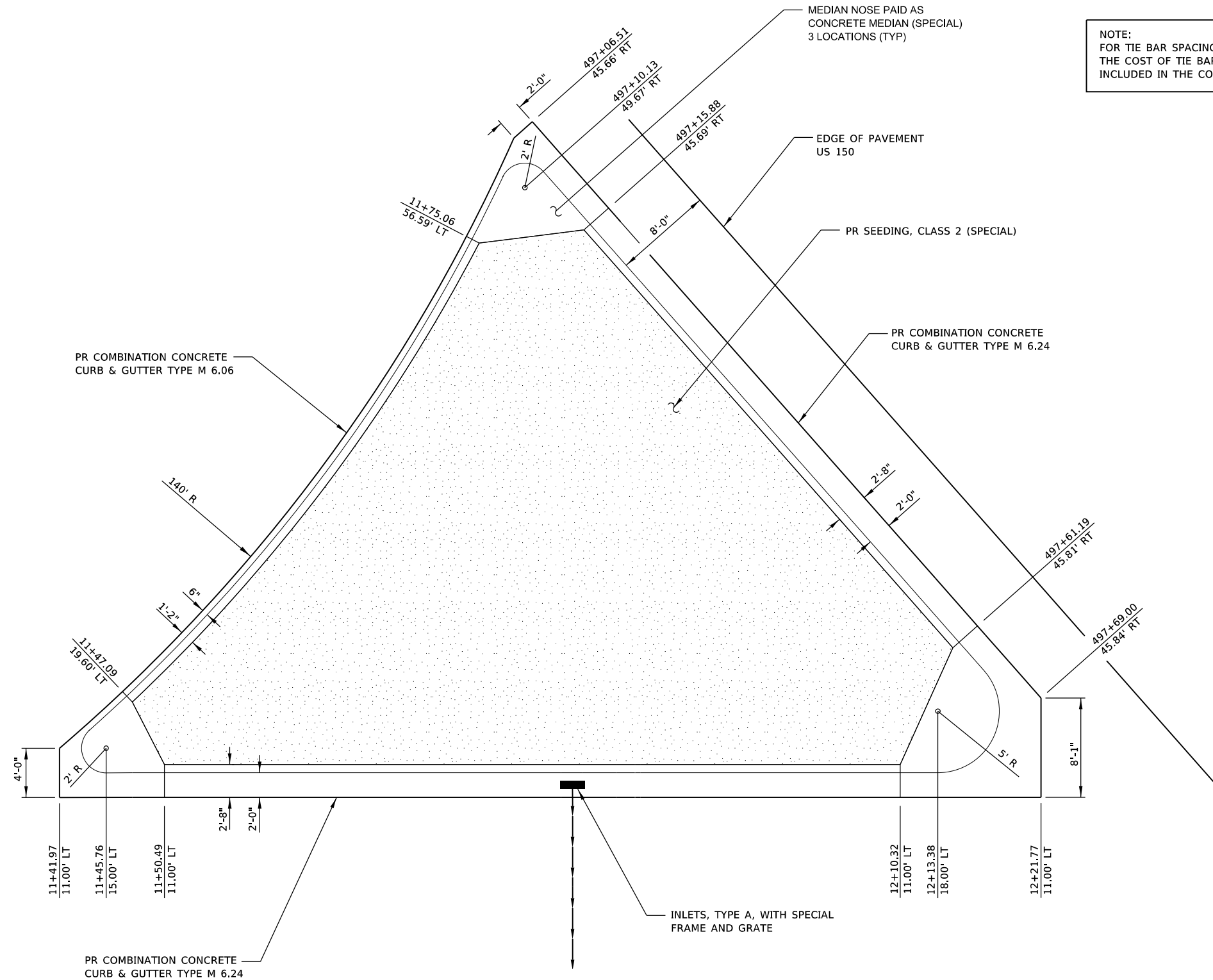
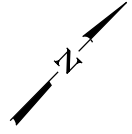
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PLOT DATE = 10/6/2020	DATE - 10/05/2020	REVISED -

**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	19
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		



MODEL: Default
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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB = 2595
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 PLOT DATE = 11/19/2020

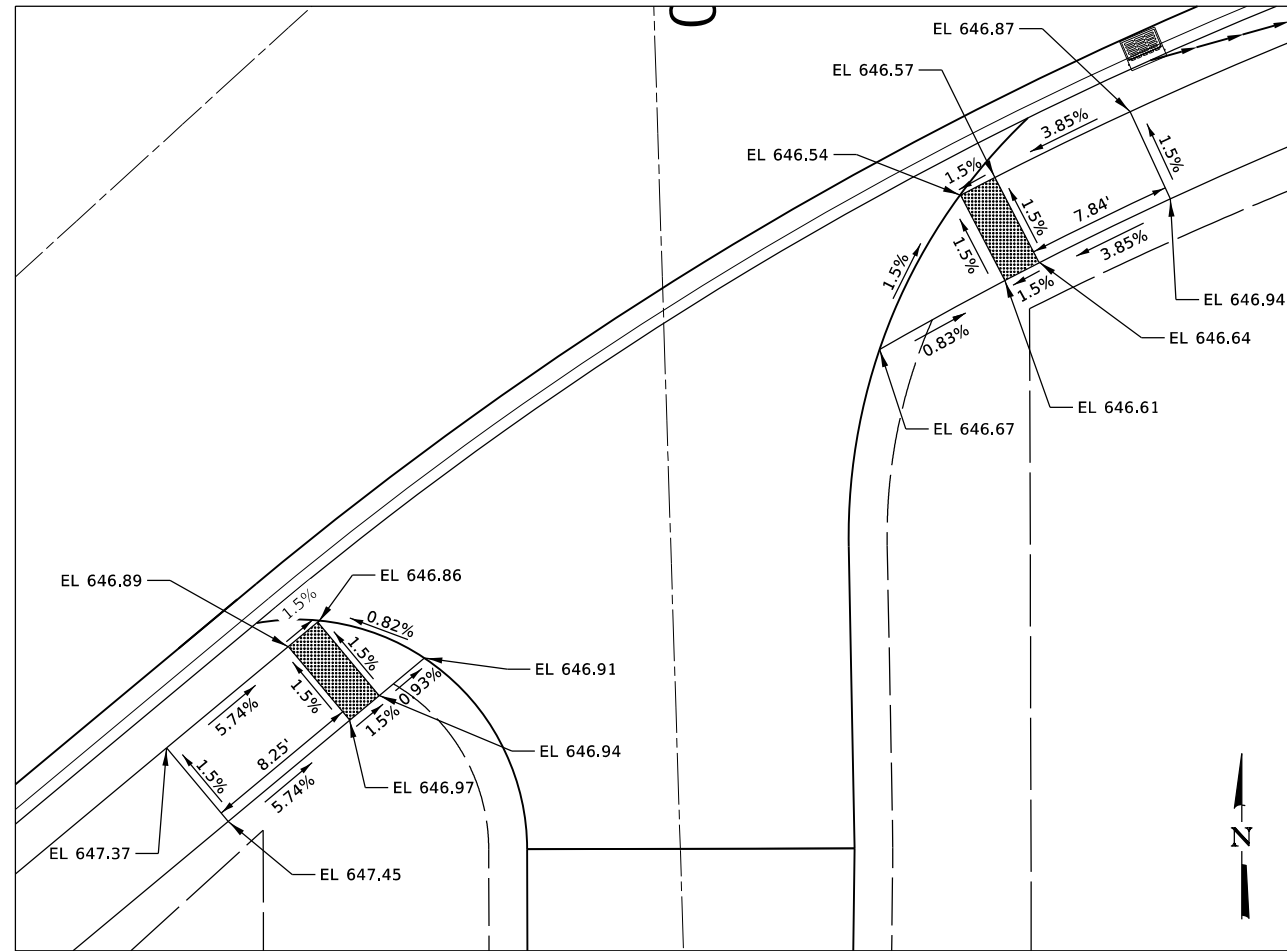
DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 11/19/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

ISLAND DETAILS
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	20
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		



S FOREST AVE

LEGEND

 DETECTABLE WARNING

NOTES

1. FOR SIDEWALK DETAILS NOT SHOWN SEE HIGHWAY STANDARDS 424001, 424006 & 424011
2. EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMPS. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
3. MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%); SLOPE <7% PREFERRED.
4. MAX. ALLOWABLE RUNNING SLOPE OF LANDING = 1:50 (2.0%); SLOPE <1.5% PREFERRED.
5. MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2.0%); SLOPE <1.5% PREFERRED.

VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS

ADA RAMP DETAILS

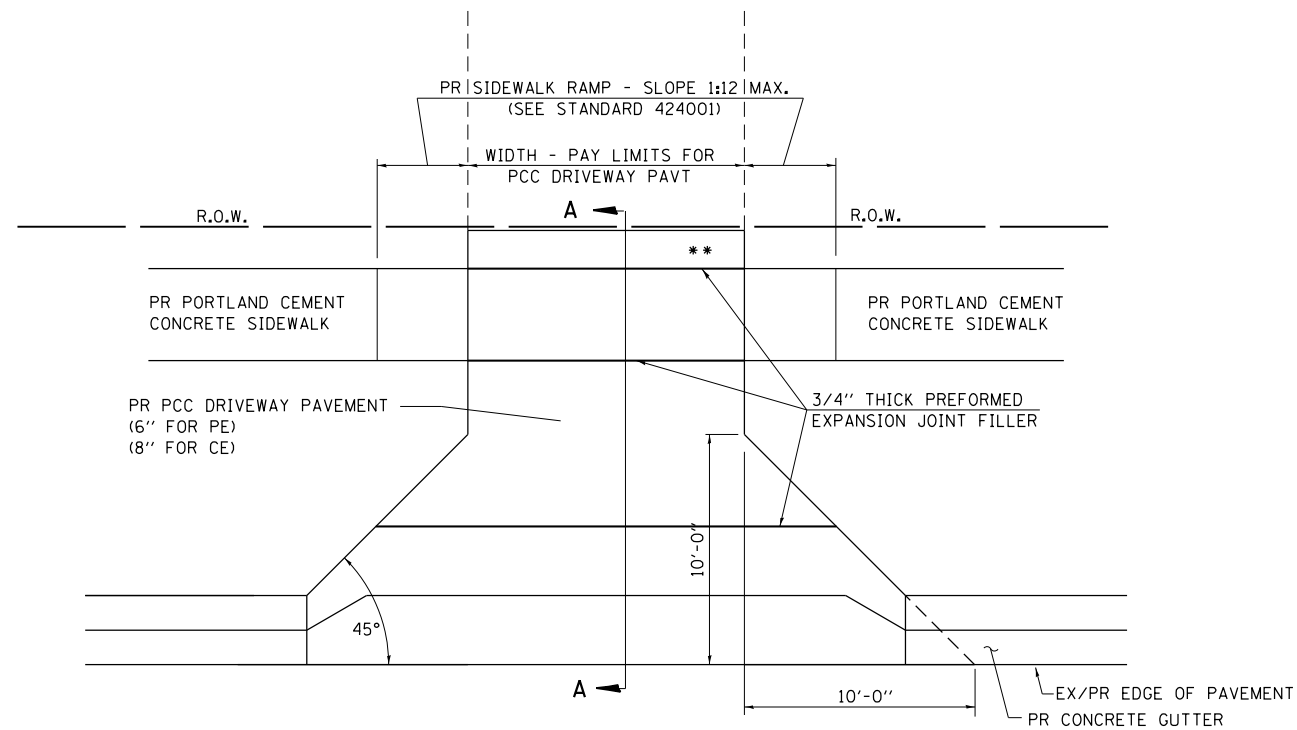
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	36	21
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		

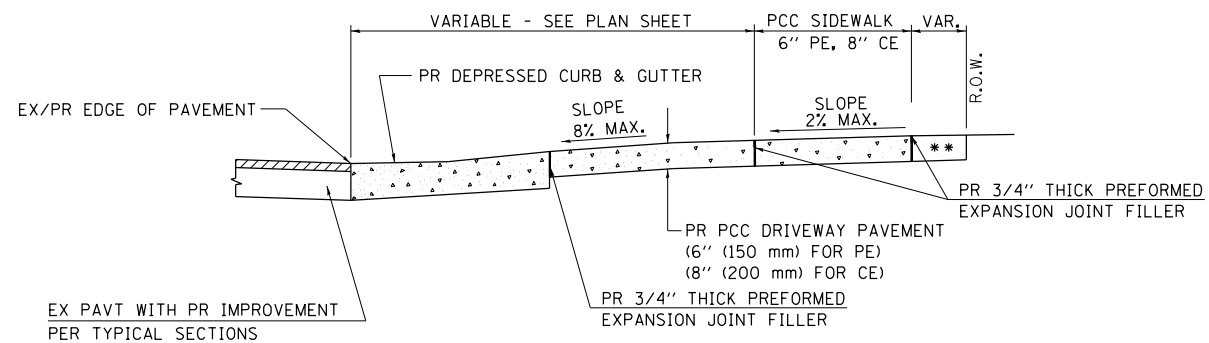
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2595	DESIGNED - TEC	REVISED -
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PLOT DATE = 10/6/2020	DATE - 10/05/2020	REVISED -



PLAN - PE & CE



SECTION A - A

** MATCH IN KIND BEHIND SIDEWALK
FOR EX EARTH OR AGGREGATE SURFACES :
PR AGGREGATE BASE COURSE, TYPE B 6" - PE/FE
PR PCC DRIVEWAY PAVT. 8" - CE

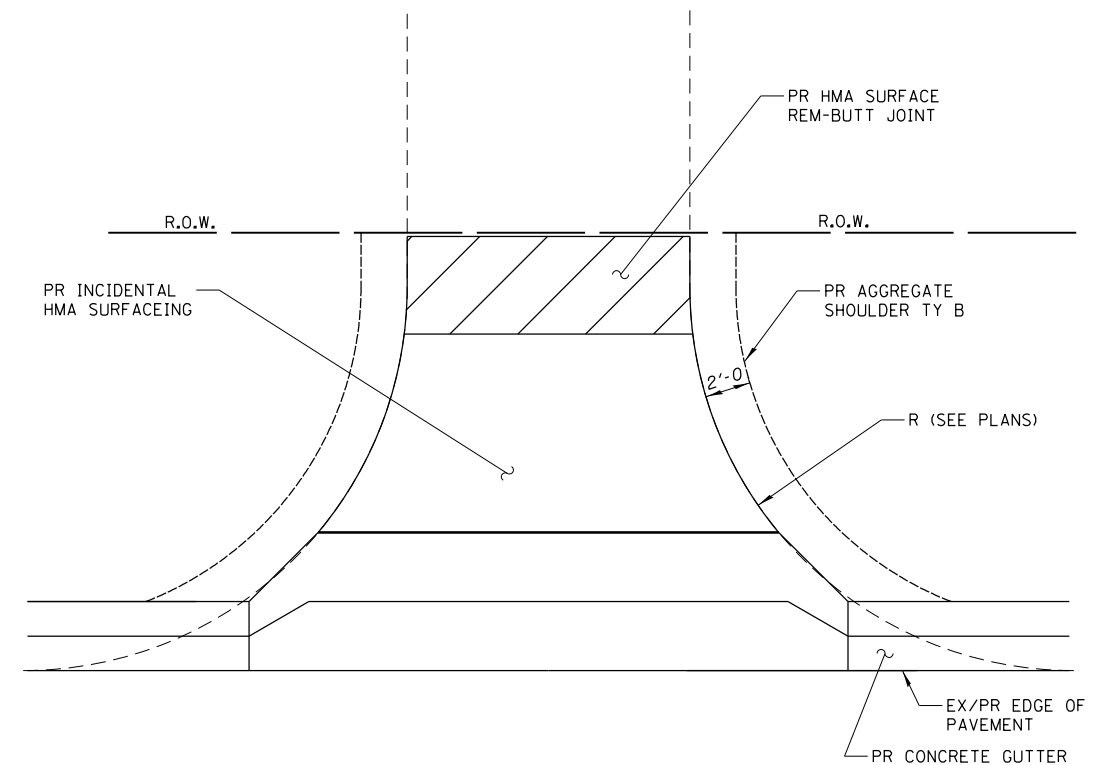
FOR EX HMA CONC. SURFACES :
PR HMA CONCRETE 6" - PE
PR HMA CONCRETE 8" - CE

FOR EX PCC SURFACES :
PR PCC DRIVEWAY PAVT. 6" - PE
PR PCC DRIVEWAY PAVT. 8" - CE

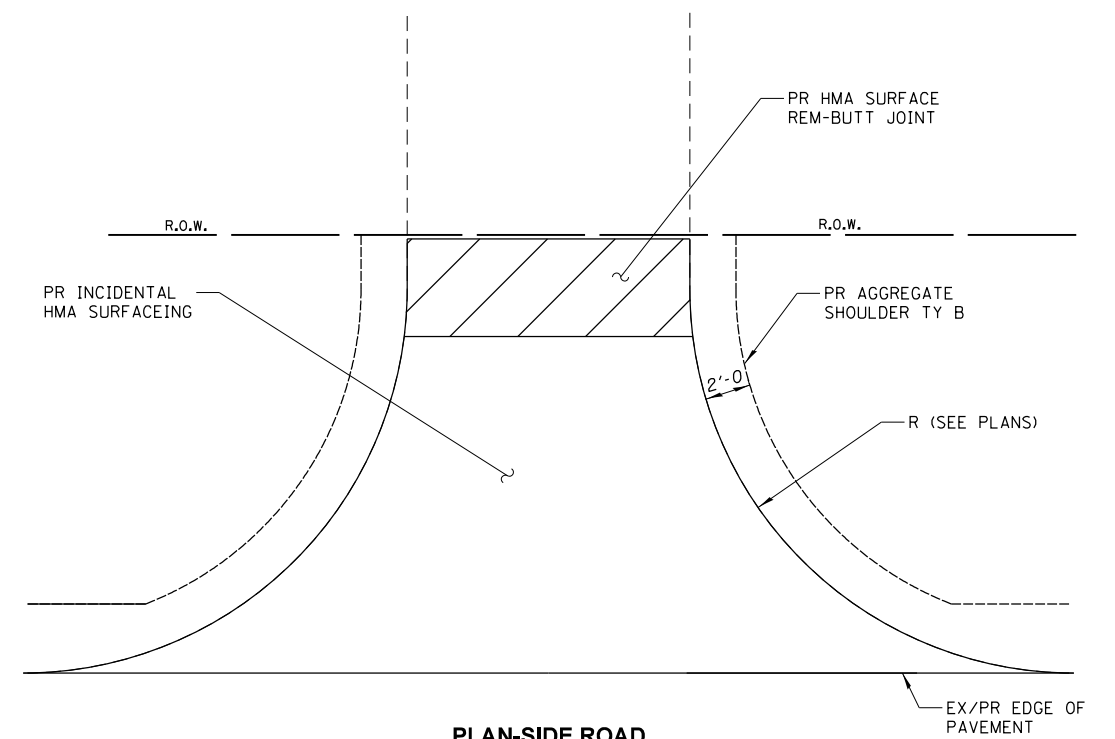
• NOTE : IN AREAS WITH NO SIDEWALK,
MATCH IN KIND BEHIND 10'-0" FLARE

NOTES:

1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
2. THE COST OF FURNISHING AND INSTALLING THE 3/4" (19 mm) PREFORMED EXPANSION JOINT FILLER SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.



PLAN-SIDE ROAD

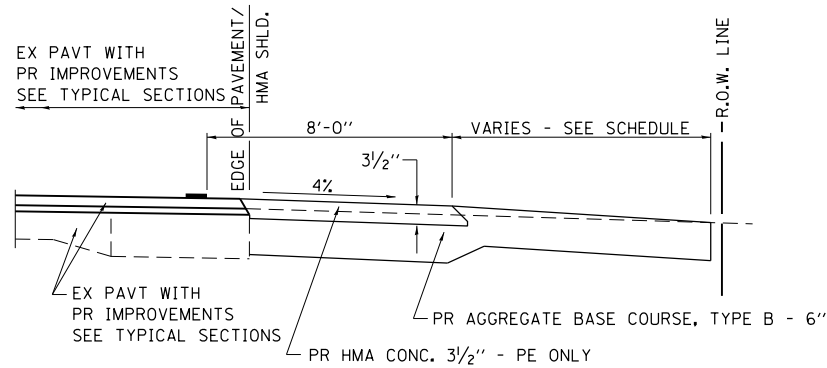


PLAN-SIDE ROAD

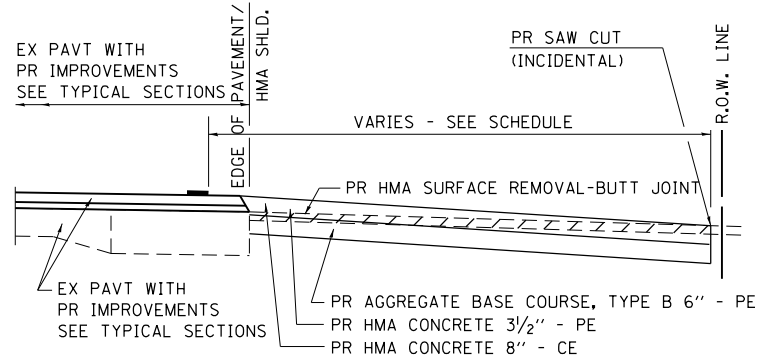
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PLOT DATE = 10/6/2020	DATE - 10/05/2020	REVISED -

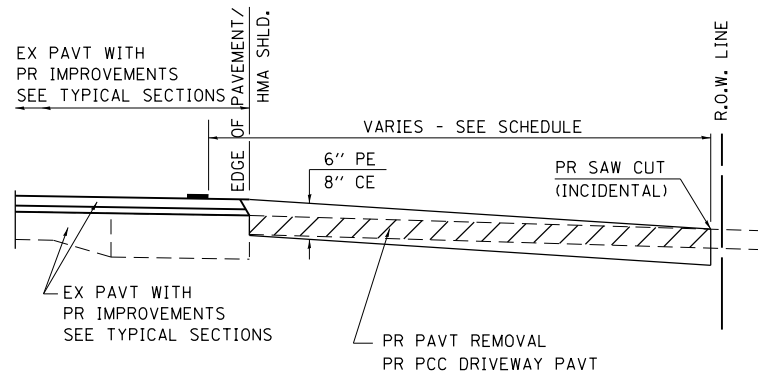
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	22
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				



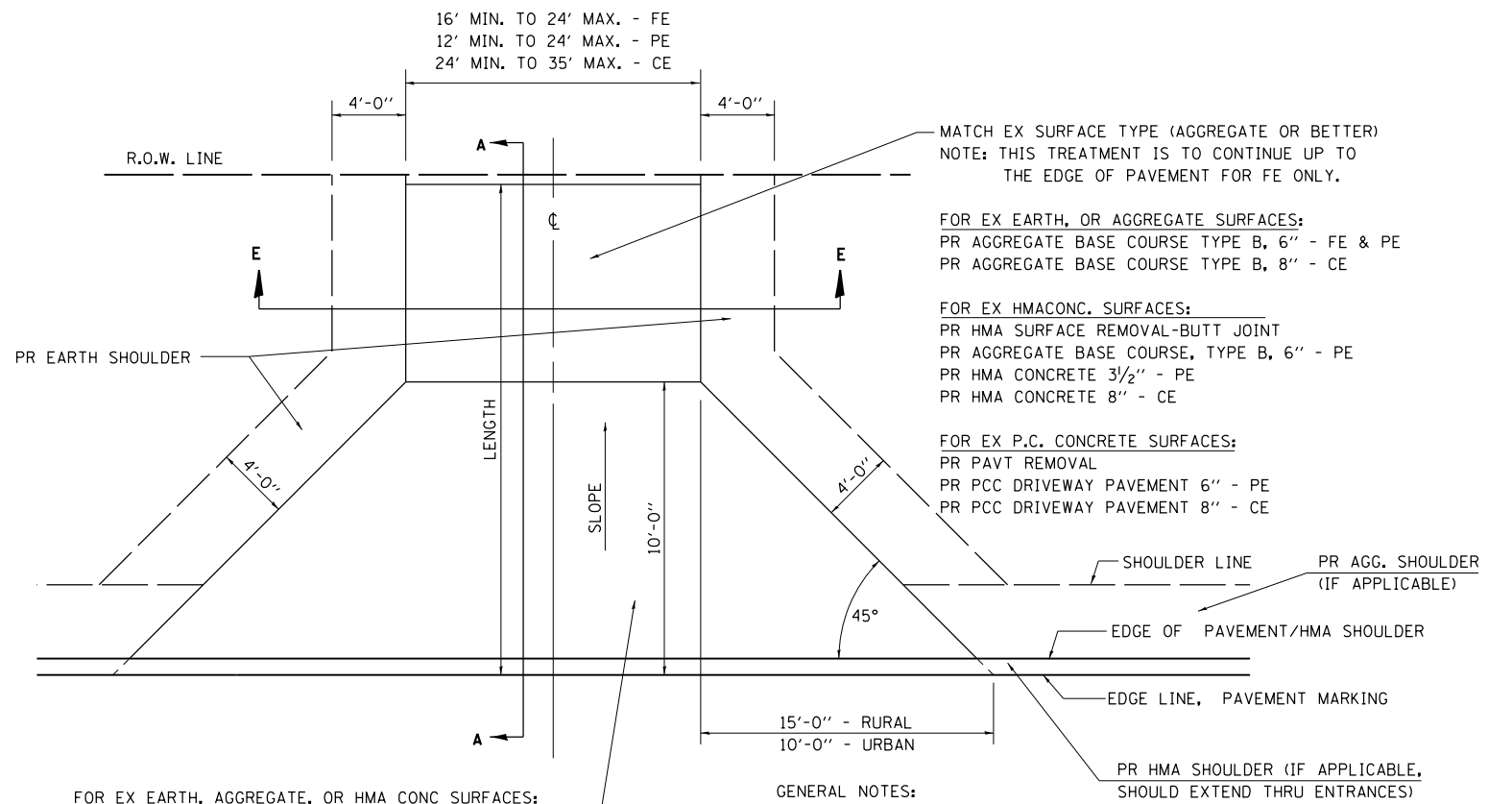
SECTION A-A FOR EX EARTH/AGGREGATE FE, PE & CE



SECTION A-A FOR EX HMA PE & CE



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



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

FOR P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVT 6" - PE
 PR PCC DRIVEWAY PAVT 8" - CE

GENERAL NOTES:

ENTRANCES THAT SLOPE TOWARDS CH 36 SHALL RECEIVE INCIDENTAL HMA TO THE RIGHT OF WAY LINE.

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

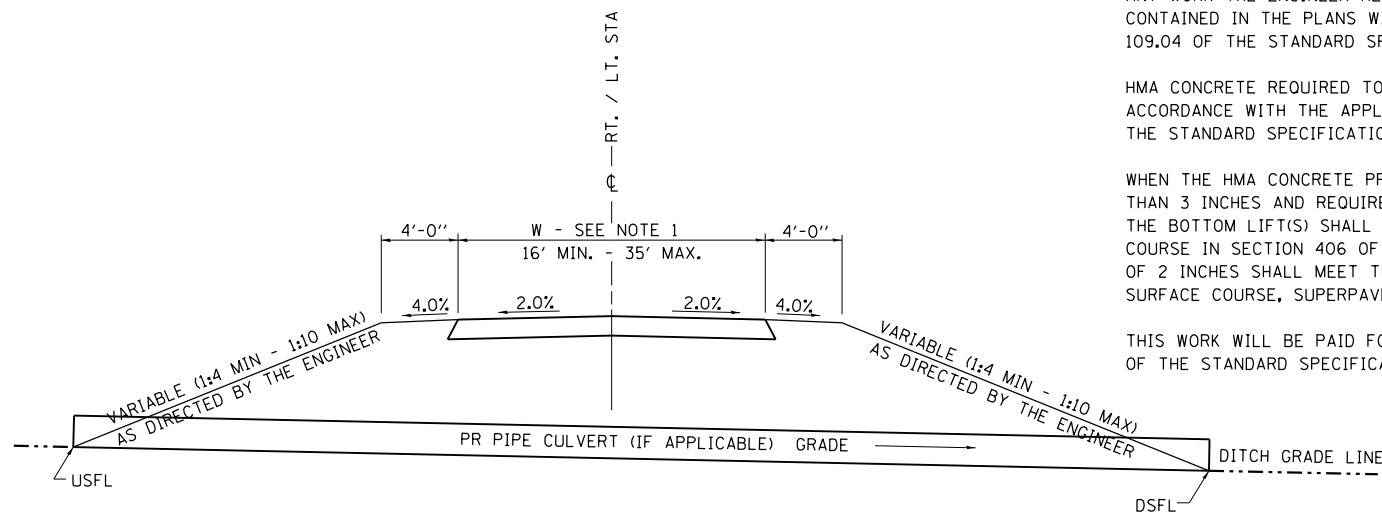
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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

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

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

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



SECTION E - E ENTRANCE TYPICAL SECTION

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MODEL: Default
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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB = 2595
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 PLOT DATE = 10/6/2020

DESIGNED - TEC
 DRAWN - TEC
 CHECKED - KSC
 DATE - 10/05/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

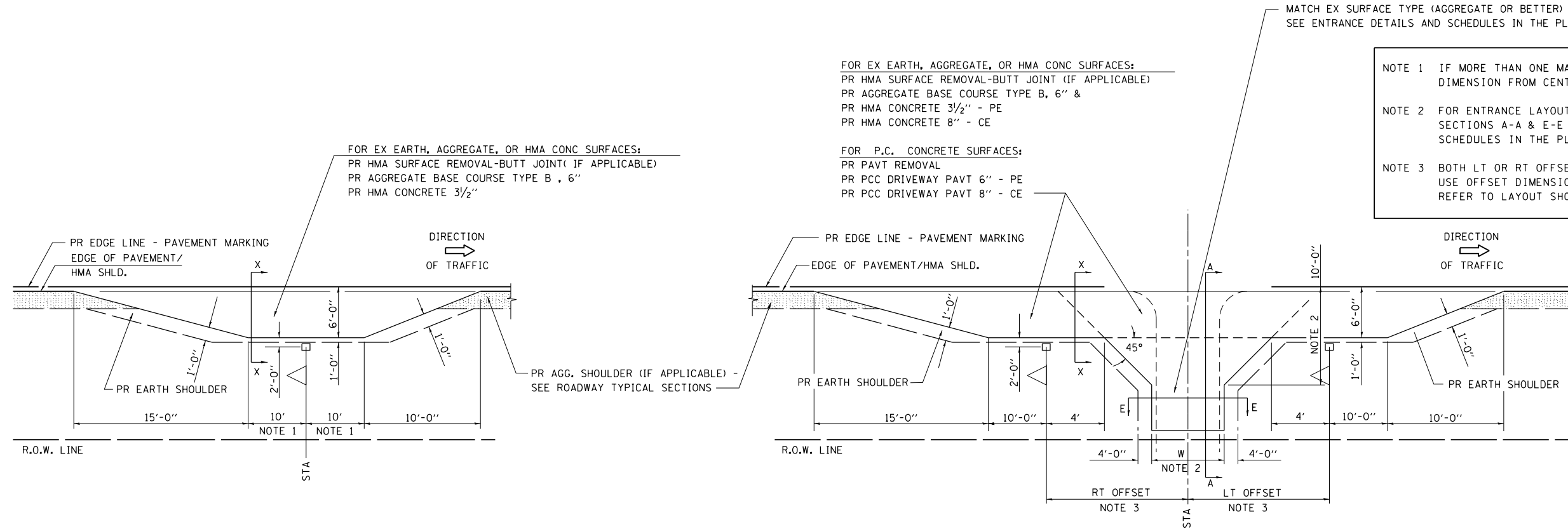
**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

**DETAILS FOR RURAL/URBAN ENTRANCE & MAILBOX TURNOUT
 W/O CONCRETE GUTTER**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	23
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS



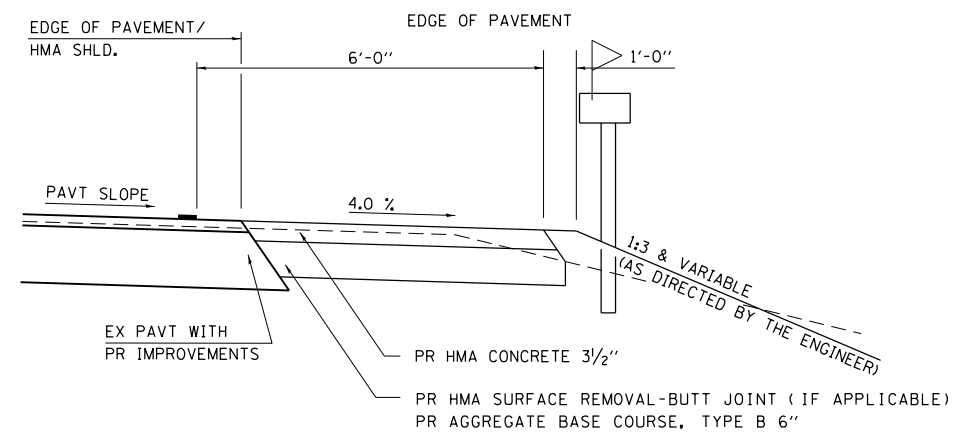
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE

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

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

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



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

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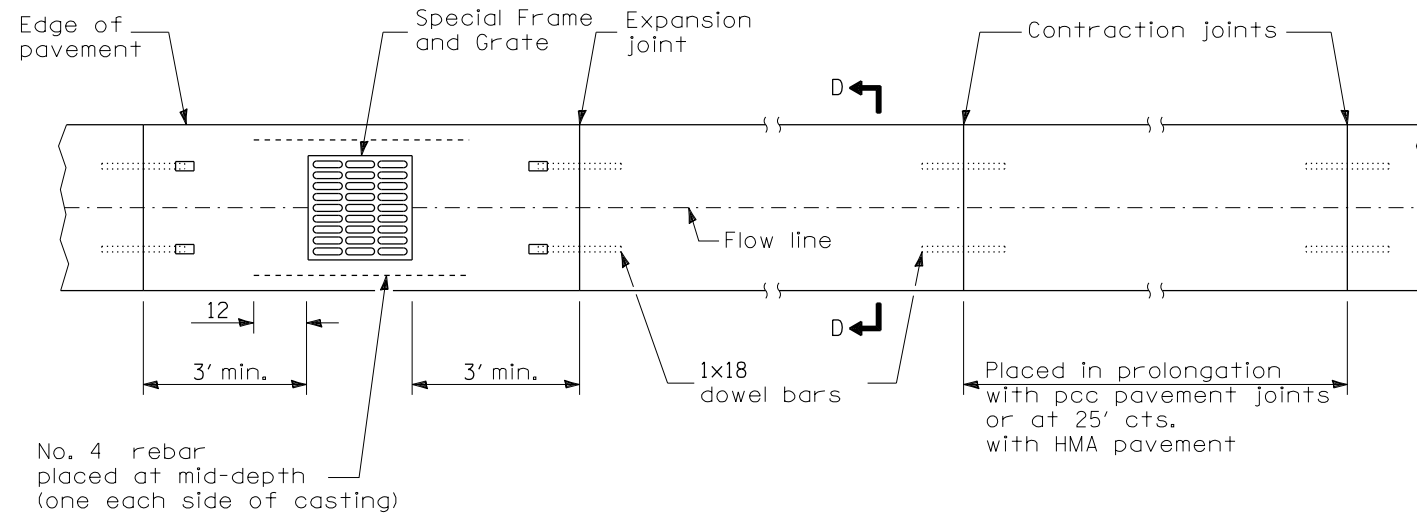


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PLOT DATE = 10/6/2020	DATE - 10/05/2020	REVISED -

**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

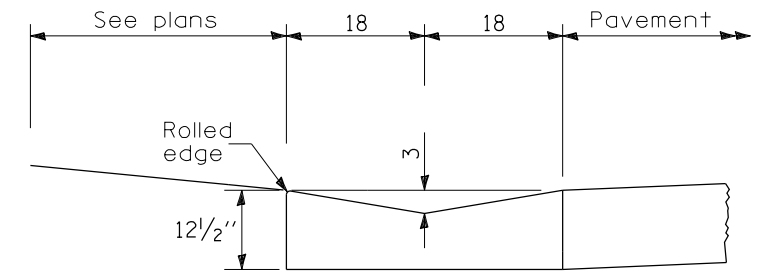
DETAILS FOR RURAL/URBAN ENTRANCE & MAILBOX TURNOUT W/O CONCRETE GUTTER			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	24
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

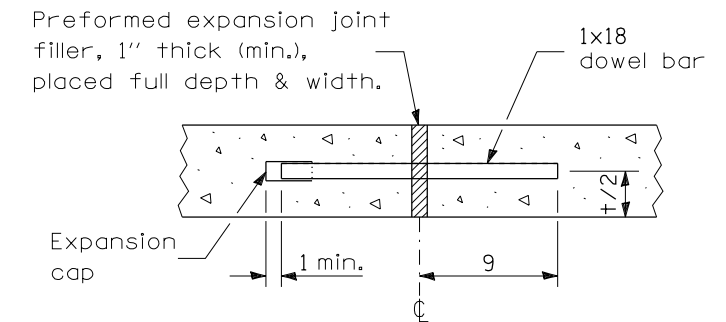


PLAN

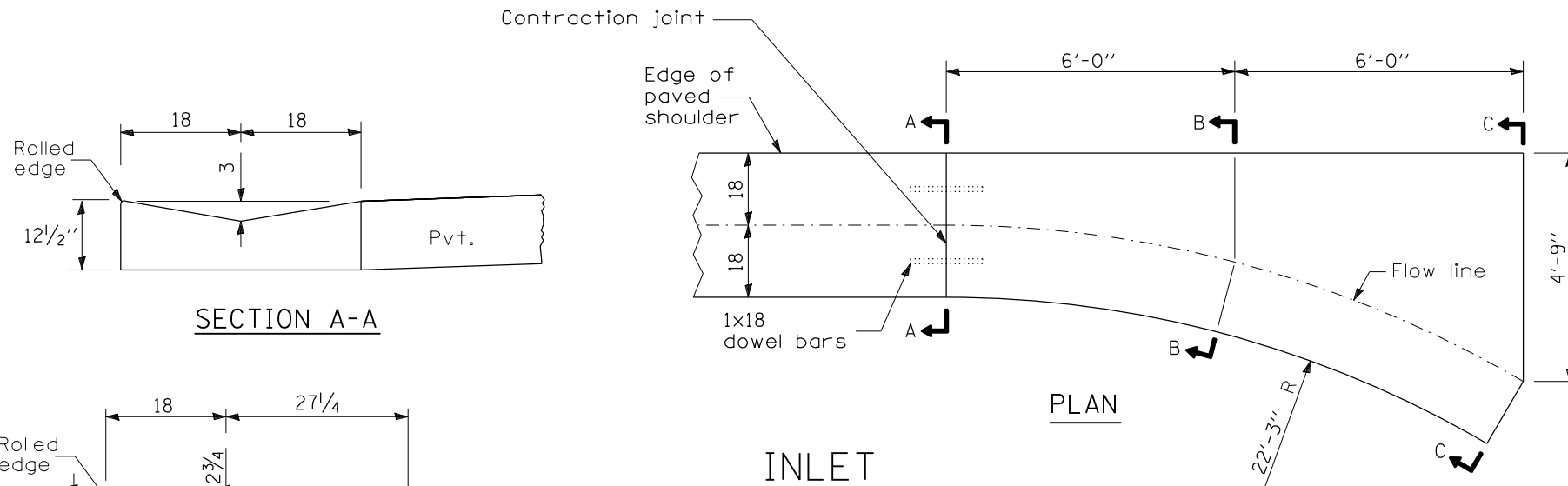
TYPE A GUTTER (SPECIAL)



SECTION D-D



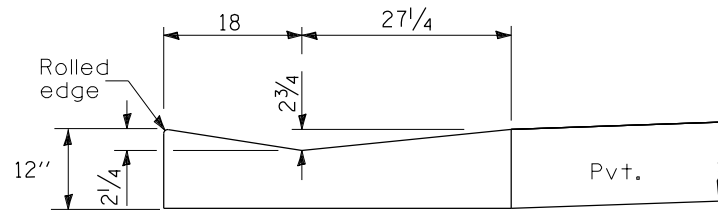
EXPANSION JOINT



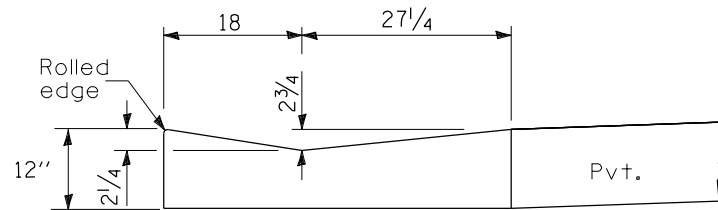
PLAN

INLET

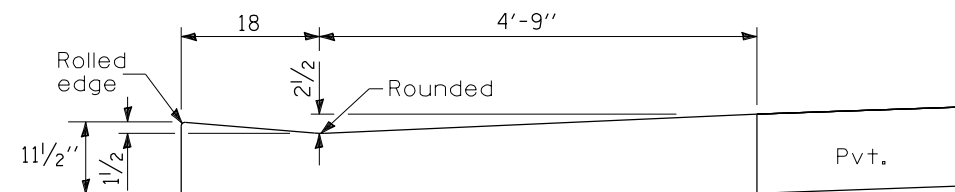
QUANTITY OF CONCRETE
Section A-A to C-C
1.73 cu. yd.



SECTION A-A



SECTION B-B



SECTION C-C

MODEL Default
FILE Name: 017-2595-sht-gutter.dgn

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2595
FILE NAME = 017-2595-sht-gutter.dgn
PLOT SCALE = 100.0000 * 1/4 in.
PLOT DATE = 10/6/2020

DESIGNED - TEC
DRAWN - TEC
CHECKED - KSC
DATE - 10/05/2020

REVISED -
REVISED -
REVISED -
REVISED -

**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

TYPE A GUTTER (SPECIAL)

SCALE: SHEET OF SHEETS STA. TO STA.

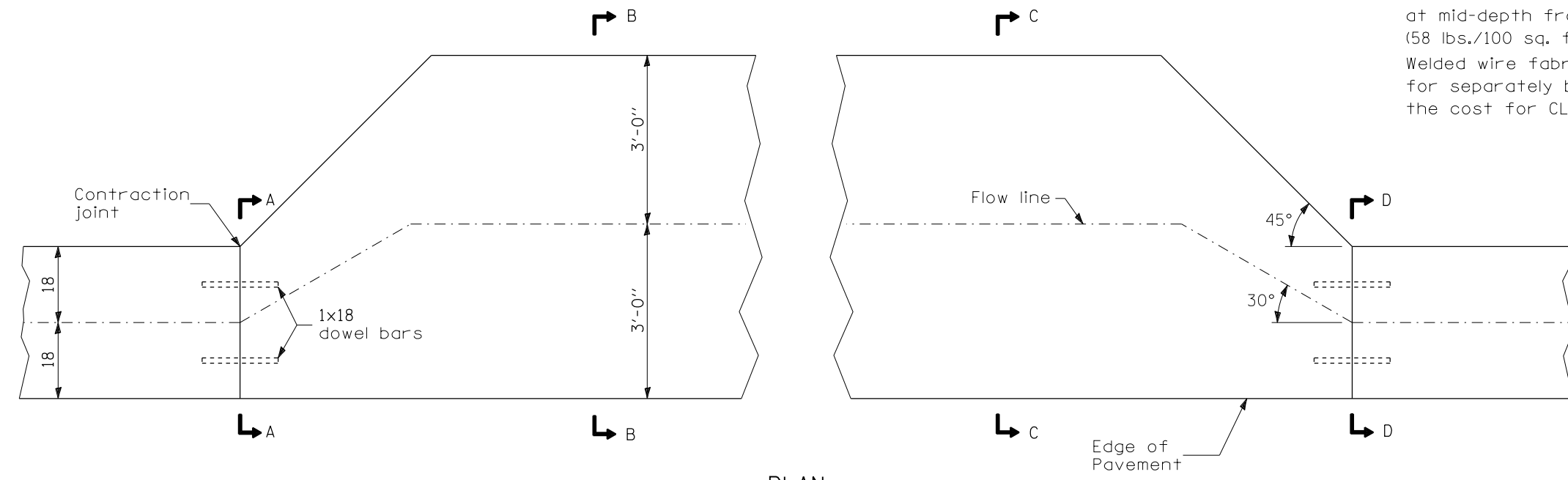
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	25
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

QUANTITIES OF CONCRETE

All Entrances:
 Section B-B to C-C = 0.19 cu. yd./ft.
 Section (A-A to B-B) + (C-C to D-D) = 0.88 cu. yd.

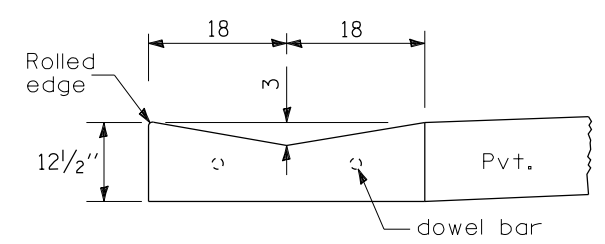
NOTE

Welded wire fabric shall be installed at mid-depth from Section A-A to D-D. (58 lbs./100 sq. ft.)
 Welded wire fabric will not be paid for separately but shall be included in the cost for CLASS SI CONCRETE (OUTLET).

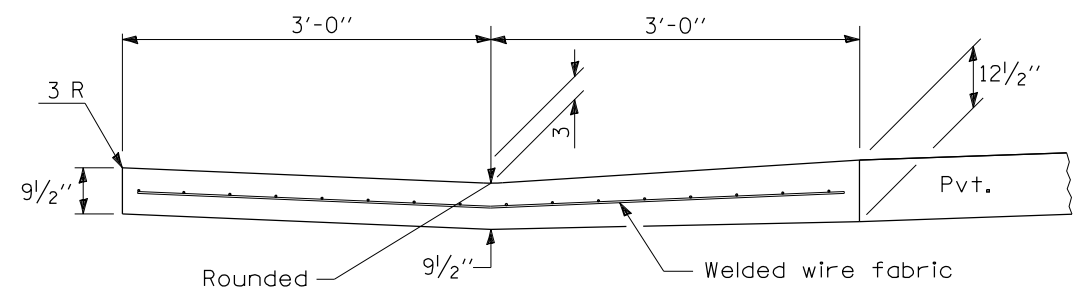


PLAN

ENTRANCE



SECTIONS A-A & D-D



SECTIONS B-B & C-C

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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

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PLOT DATE = 10/6/2020	DATE - 10/05/2020	REVISED -

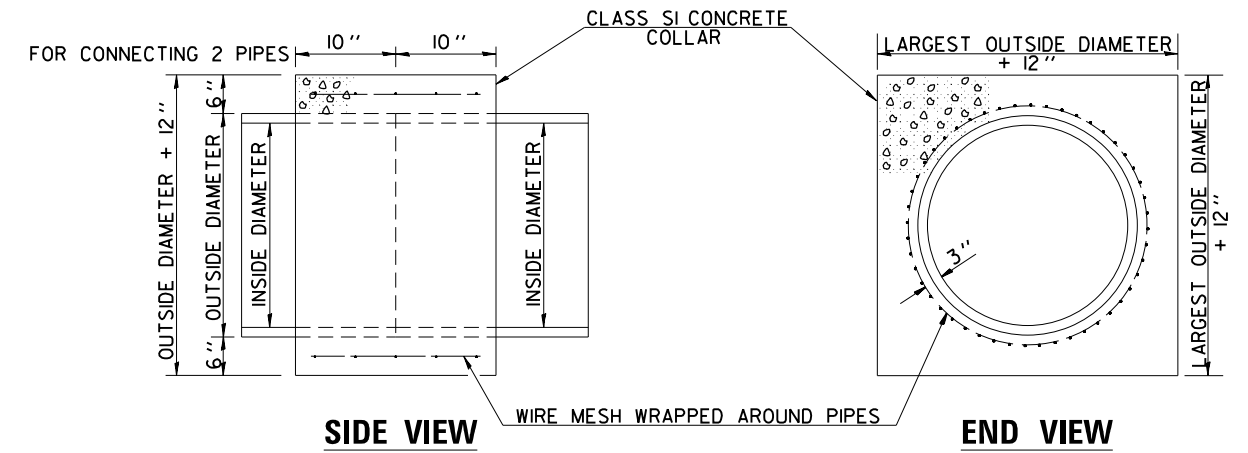
VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS

TYPE A GUTTER (SPECIAL)

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	26
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

DETAIL OF CONCRETE COLLAR



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54*/100 SQ. FT.
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, CU YD, FOR CONCRETE COLLAR INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.
6. FOR PIPE SIZES 10" AND LARGER, CONCRETE COLLARS SHALL BE REQUIRED.

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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

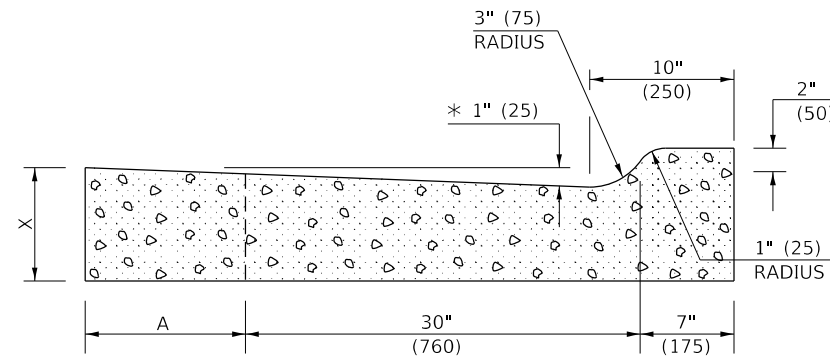
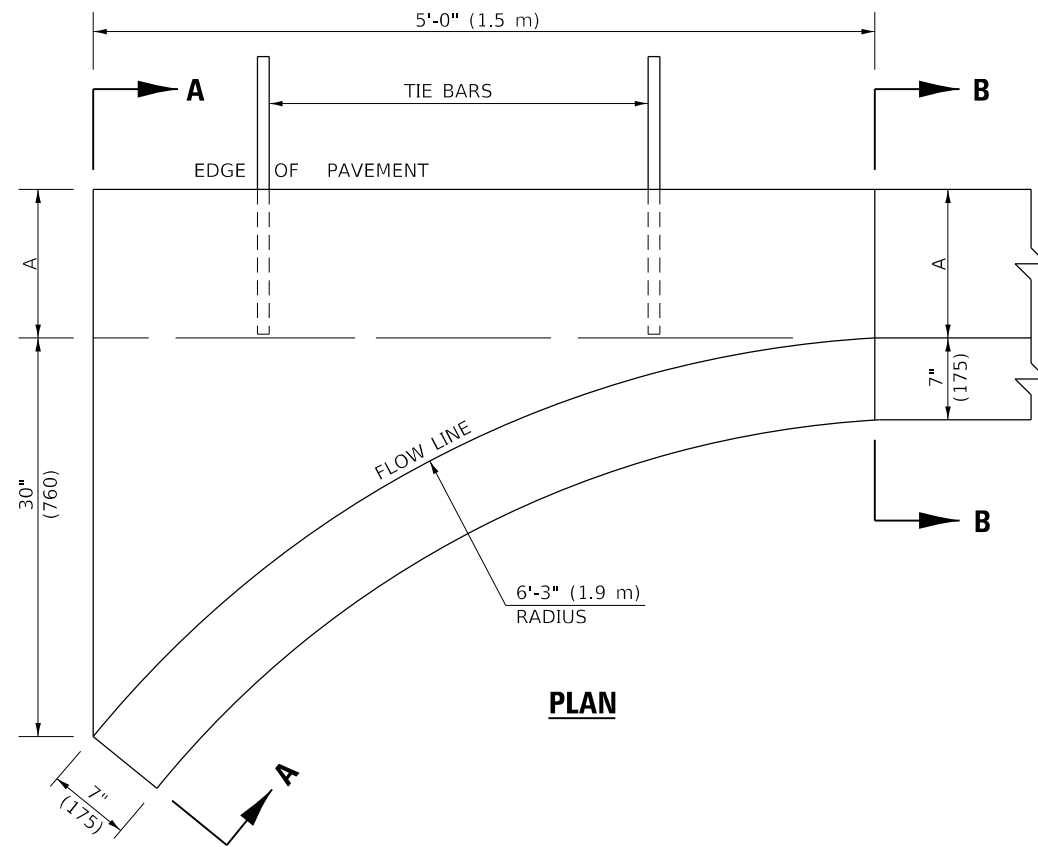
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VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS

CONCRETE COLLAR DETAIL

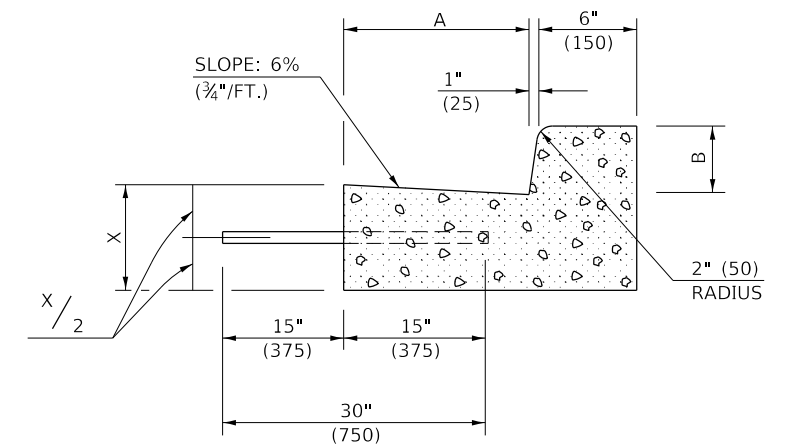
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	28
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				



SECTION A-A

* INCREASE TO 2" (50 mm) WHERE IN THE PLANS IT IS SPECIFIED THAT THESE SPECIAL INLETS ARE TO BE CONSTRUCTED AS OUTLETS. ALL OUTLET LOCATIONS WILL BE CONFIRMED BY THE ENGINEER.



SECTION B-B

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24" (600 mm) CENTERS UNLESS OTHERWISE SHOWN. SPECIAL INLETS AND OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. TIE BARS SHOWN ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL TO CLASS SI CONCRETE (OUTLET).
4. WHEN SPECIAL INLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
5. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. (m³) FOR CLASS SI CONCRETE (OUTLET) WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

	B-6.12 (B-15.30)	B-9.12 (B-22.30)	B-6.18 (B-15.45)	B-9.18 (B-22.45)	B-6.24 (B-15.60)	B-9.24 (B-22.60)
A	12" (300)	12" (300)	12" (300)	12" (300)	18" (450)	18" (450)
B	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)
X	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)
CU. YD. (m ³) CLASS SI CONCRETE (OUTLET)	0.37 (0.28)	0.42 (0.32)	0.38 (0.29)	0.42 (0.32)	0.44 (0.34)	0.49 (0.37)

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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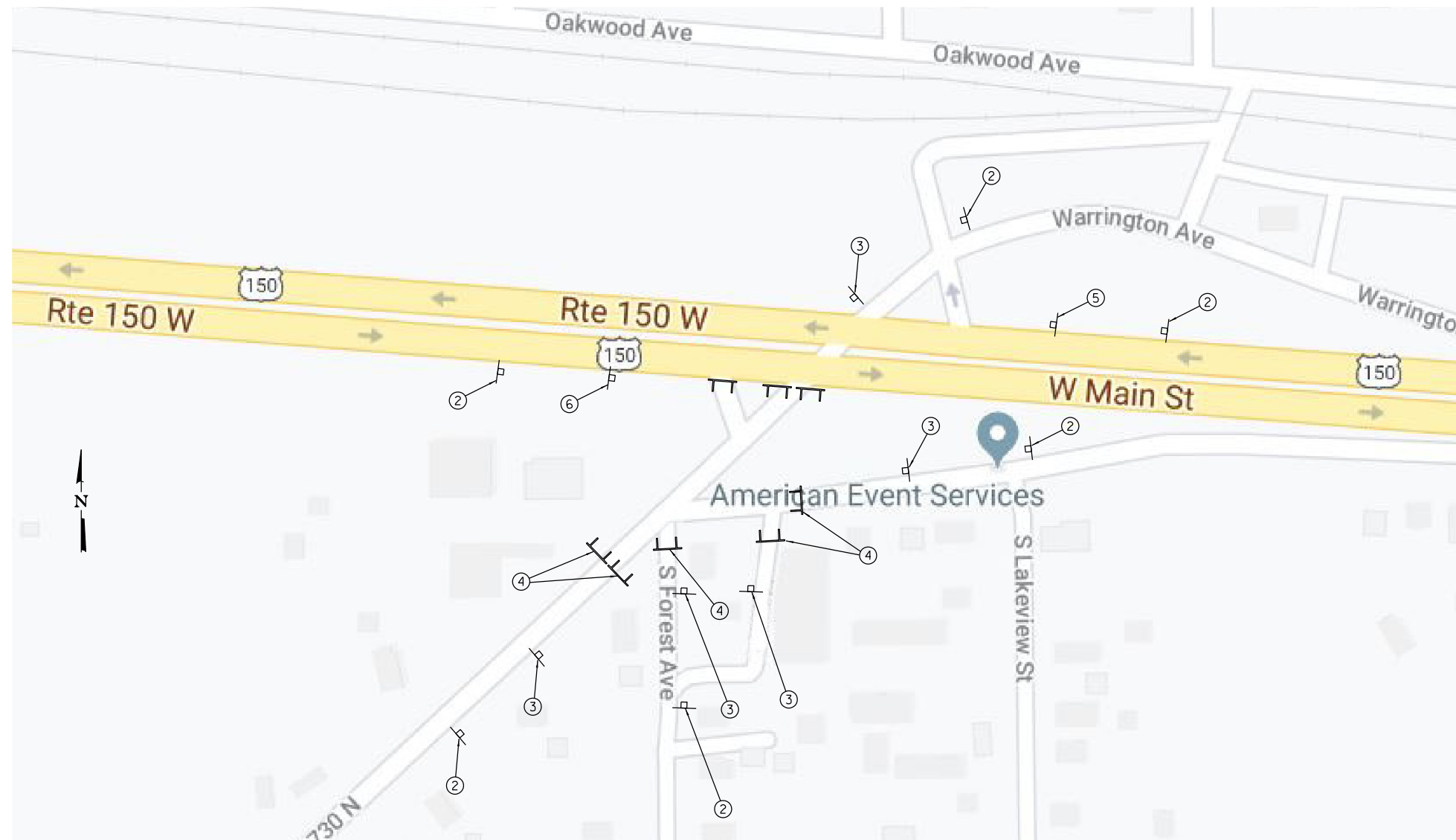
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**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

INLET - COMBINATION CONCRETE CURB & GUTTER (BARRIER CURB)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	29
CONTRACT NO. 91586				
ILLINOIS FED. AID PROJECT				

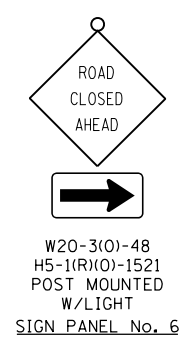
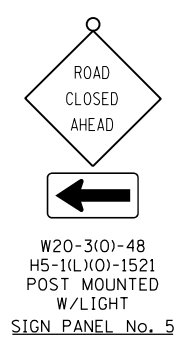
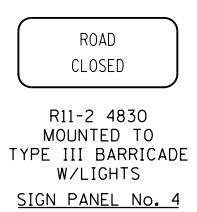
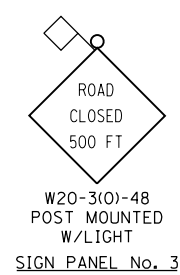
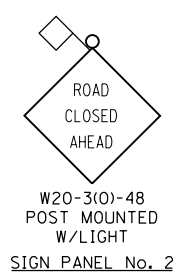
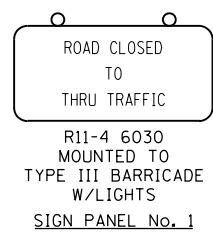


MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2016, THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE TIME THAT THE CLOSURE IS IN EFFECT.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING TWO WEEKS PRIOR TO THE DAY THAT THE ROAD IS TO BE CLOSED.
4. LOCATIONS OF TRAFFIC CONTROL DEVICES SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
5. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH STANDARD BLR 21, BLR 22, 701901, AND THE MAINTENANCE OF TRAFFIC PLAN AND APPROVED BY THE ENGINEER.
6. ALL ROAD CLOSURE SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE BACKGROUNDS AND STANDARD BLACK BORDERS; ALL SIGNS SHALL BE NEW OR LIKE NEW CONDITION. ALL FLUORESCENT ORANGE SIGNS SHALL BE 48" X 48" IN SIZE.
7. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A LOW INTENSITY FLASHING LIGHTS
8. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH HIGH INTENSITY MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS.
9. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, WARNING LIGHTS, AND SIGN WILL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS AS SPECIFIED IN ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS

LEGEND

- TYPE III BARRICADE W/FLASHING LIGHTS
- POST MOUNTED SIGNS



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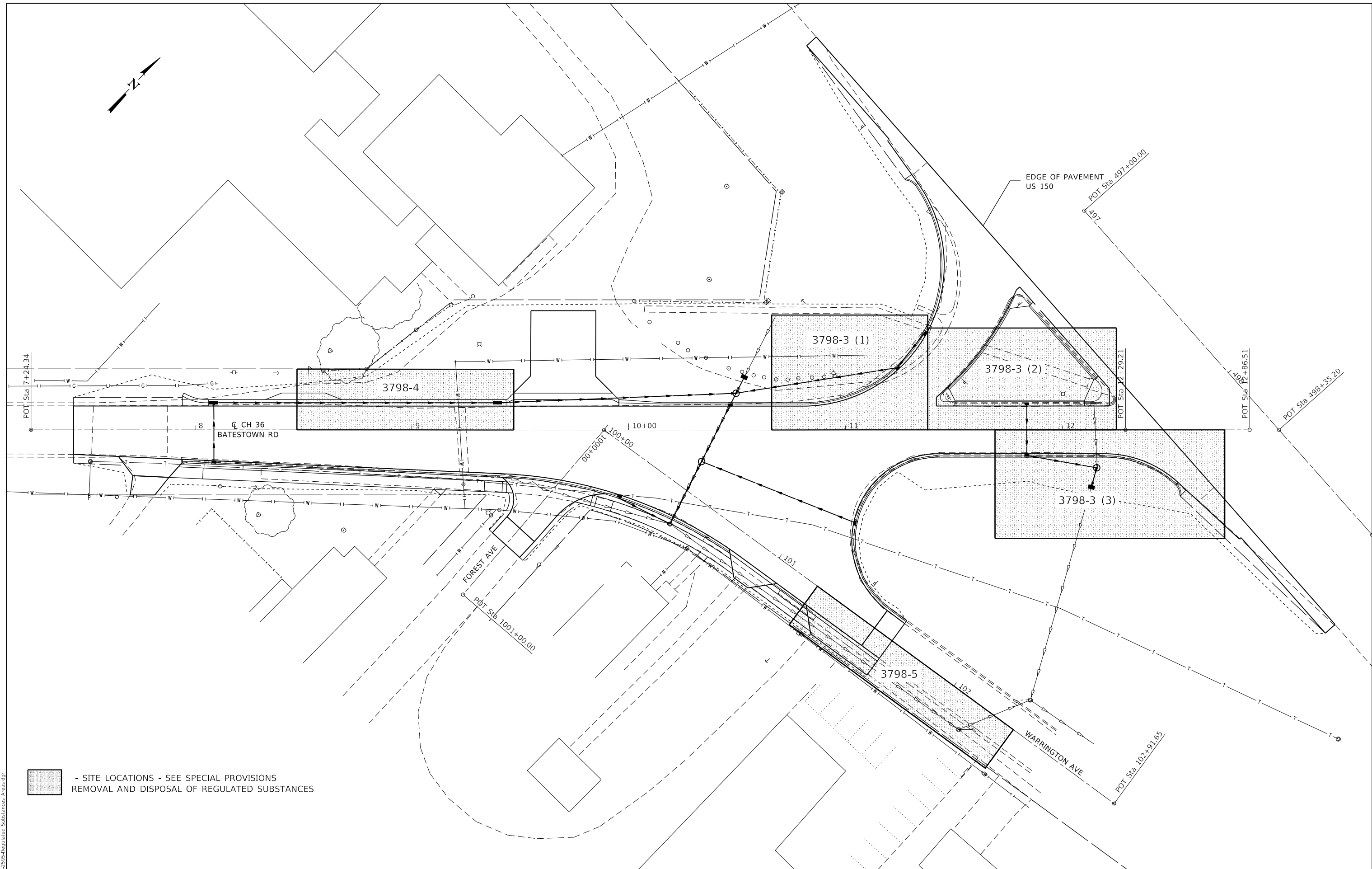
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PLOT DATE = 10/6/2020	DATE - 10/05/2020	REVISED -


**VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS**

MAINTENANCE OF TRAFFIC - ROAD CLOSURE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	30
CONTRACT NO.			91586	
SCALE:		SHEET OF SHEETS	STA.	TO STA.

ILLINOIS FED. AID PROJECT




 - SITE LOCATIONS - SEE SPECIAL PROVISIONS
 REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

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 Corporation
 Civil and Structural Engineering

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 CHECKED - KSC
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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

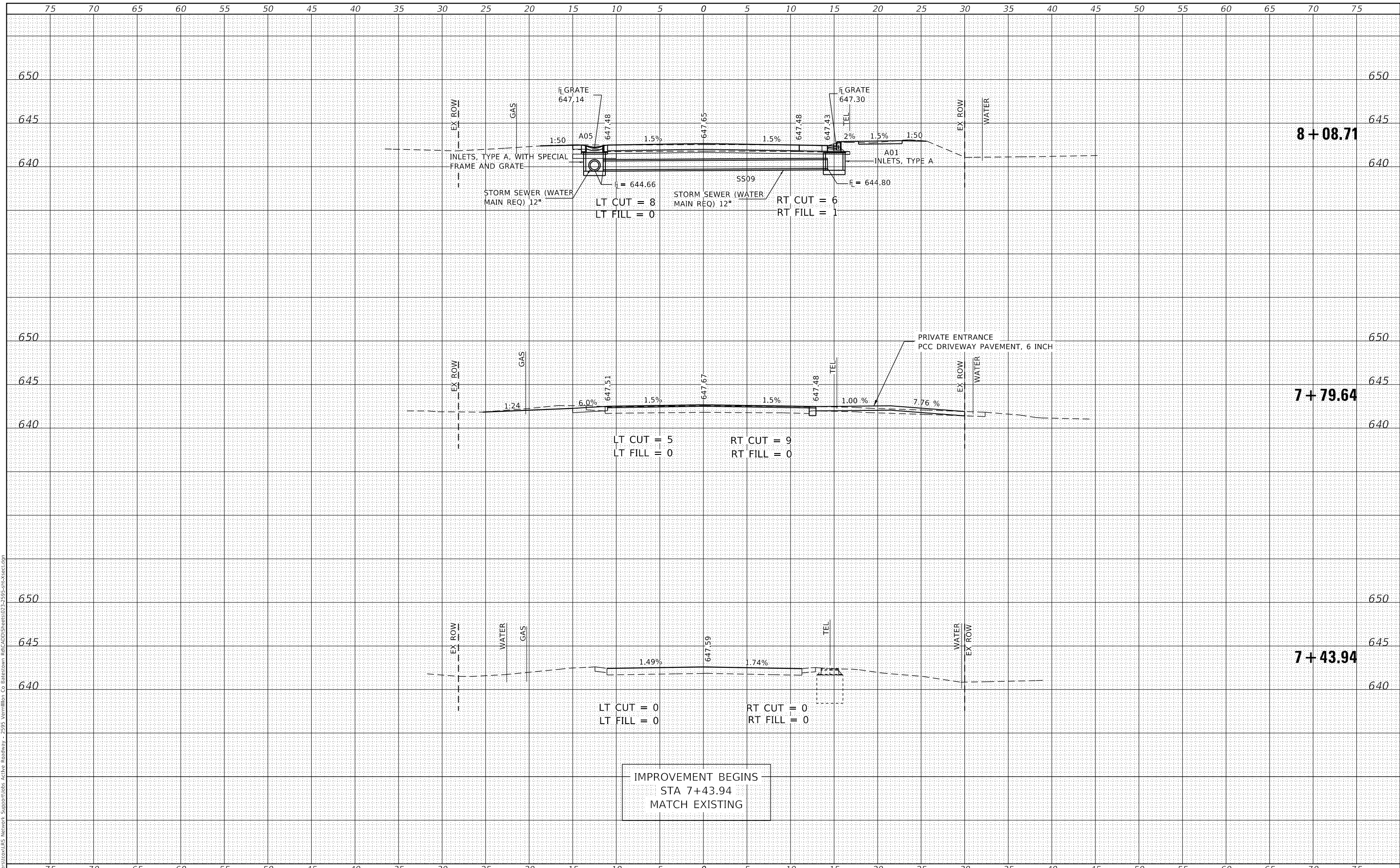
REGULATED SUBSTANCES AREAS
 SCALE: 1" = 20'
 SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	31
CONTRACT NO.			91586	
ILLINOIS		FED. AID PROJECT		

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

DATE	
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ORIGINAL SURVEY	SURVEYED
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 CHECKED - KSC
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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

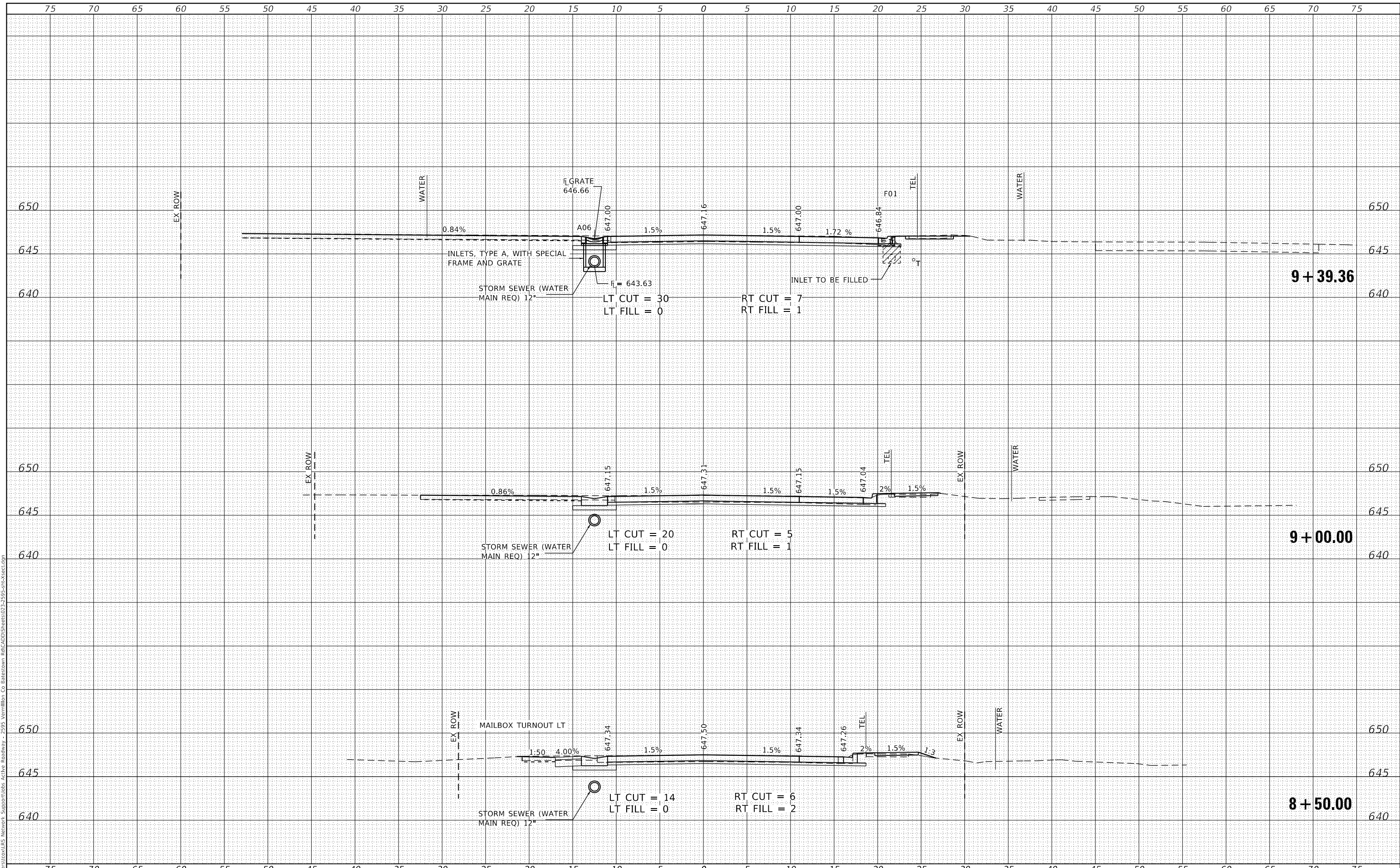
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 91586	
			ILLINOIS FED. AID PROJECT	

DATE	
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DATE	
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 PLOT DATE = 11/19/2020

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 CHECKED - KSC
 DATE - 11/18/2020

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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

CROSS SECTIONS

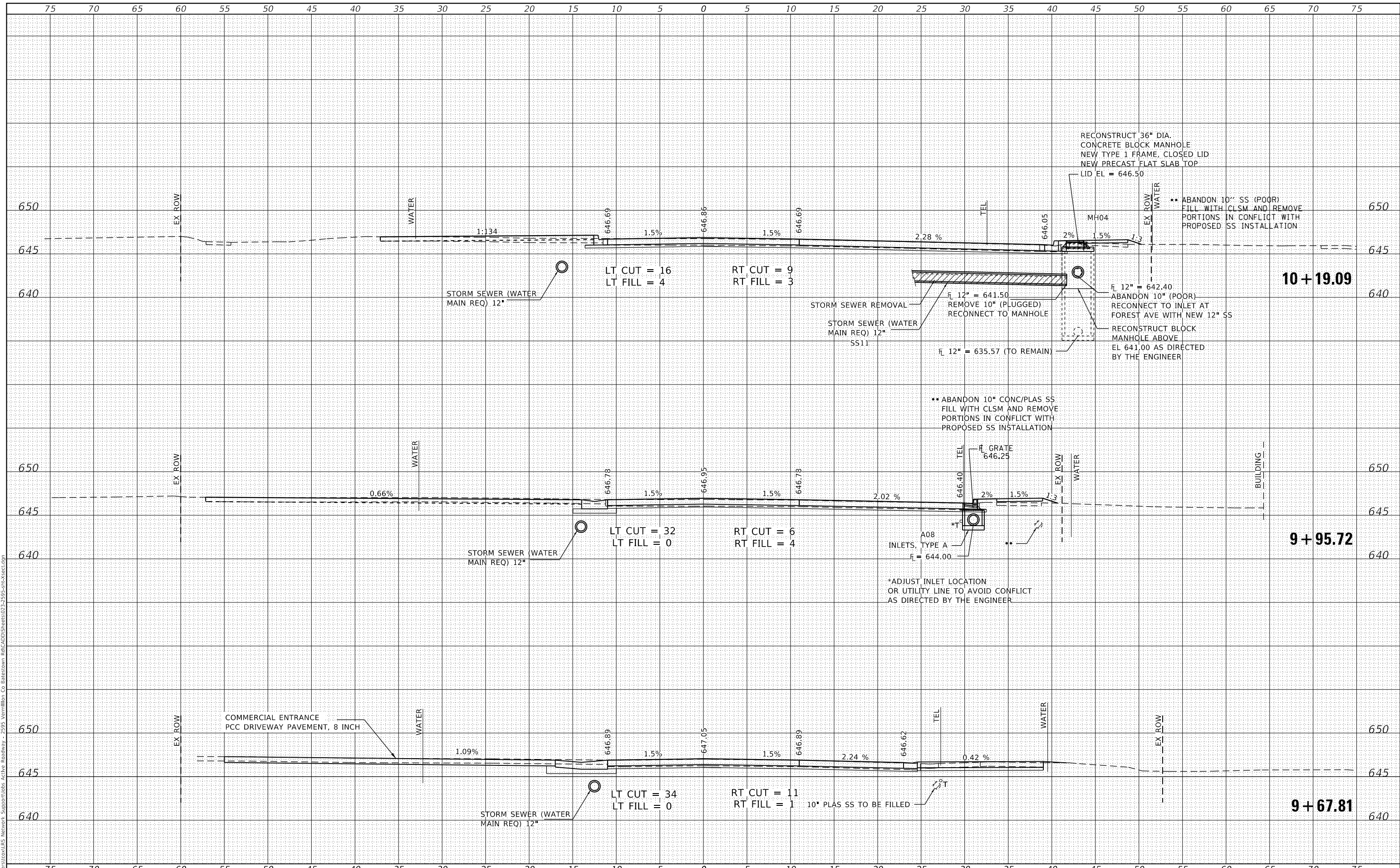
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 91586	
		ILLINOIS	FED. AID PROJECT	

DATE	
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CEC Cummins Engineering Corporation
 Civil and Structural Engineering

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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

SCALE:		SHEET	OF	SHEETS	STA. 9+67.81	TO STA. 10+19.09
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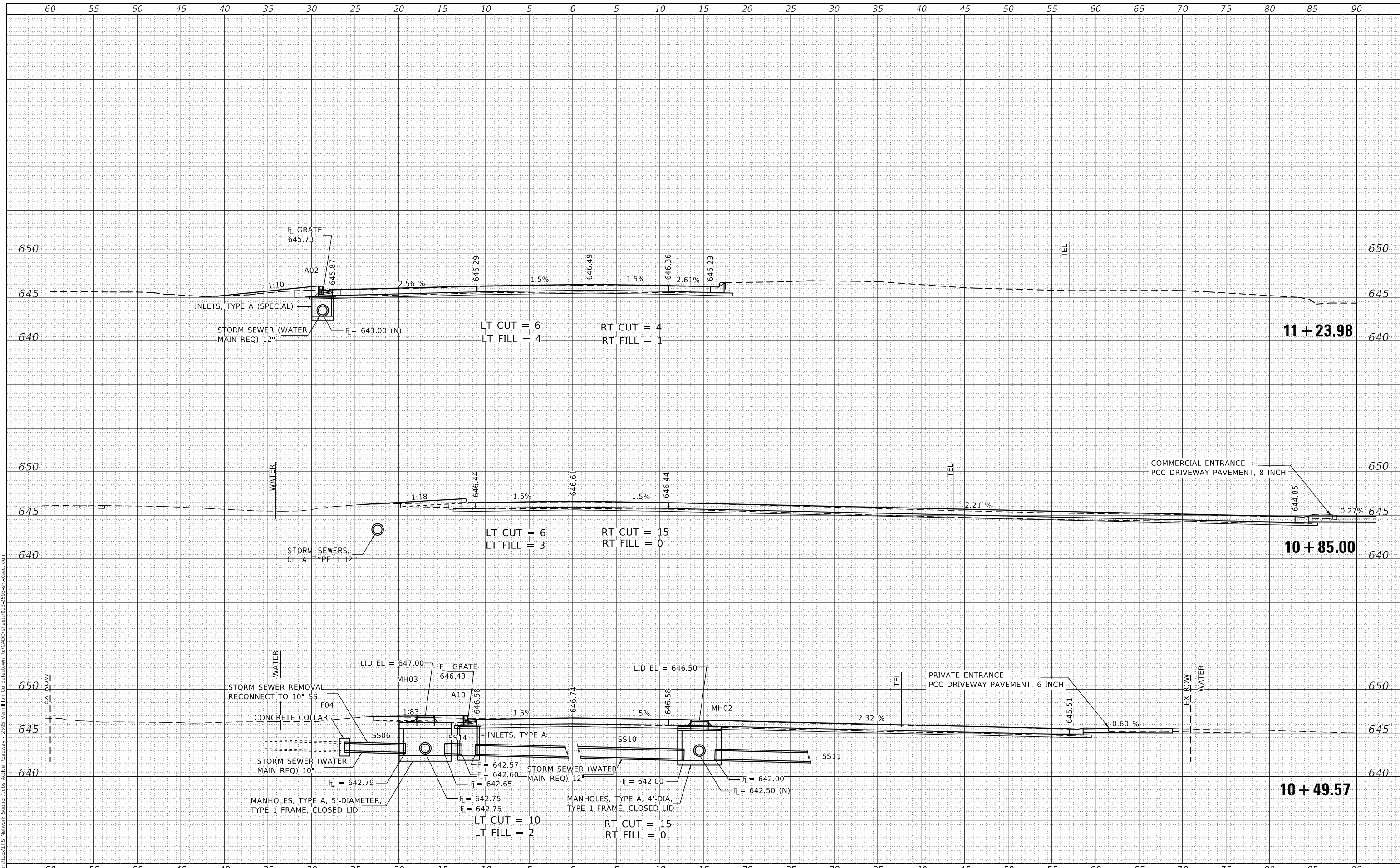
CROSS SECTIONS

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			CONTRACT NO. 91586	
		ILLINOIS	FED. AID PROJECT	

DATE	
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NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
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CEC Cummins Engineering Corporation
 Civil and Structural Engineering

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 CHECKED - KSC
 DATE - 11/18/2020

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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

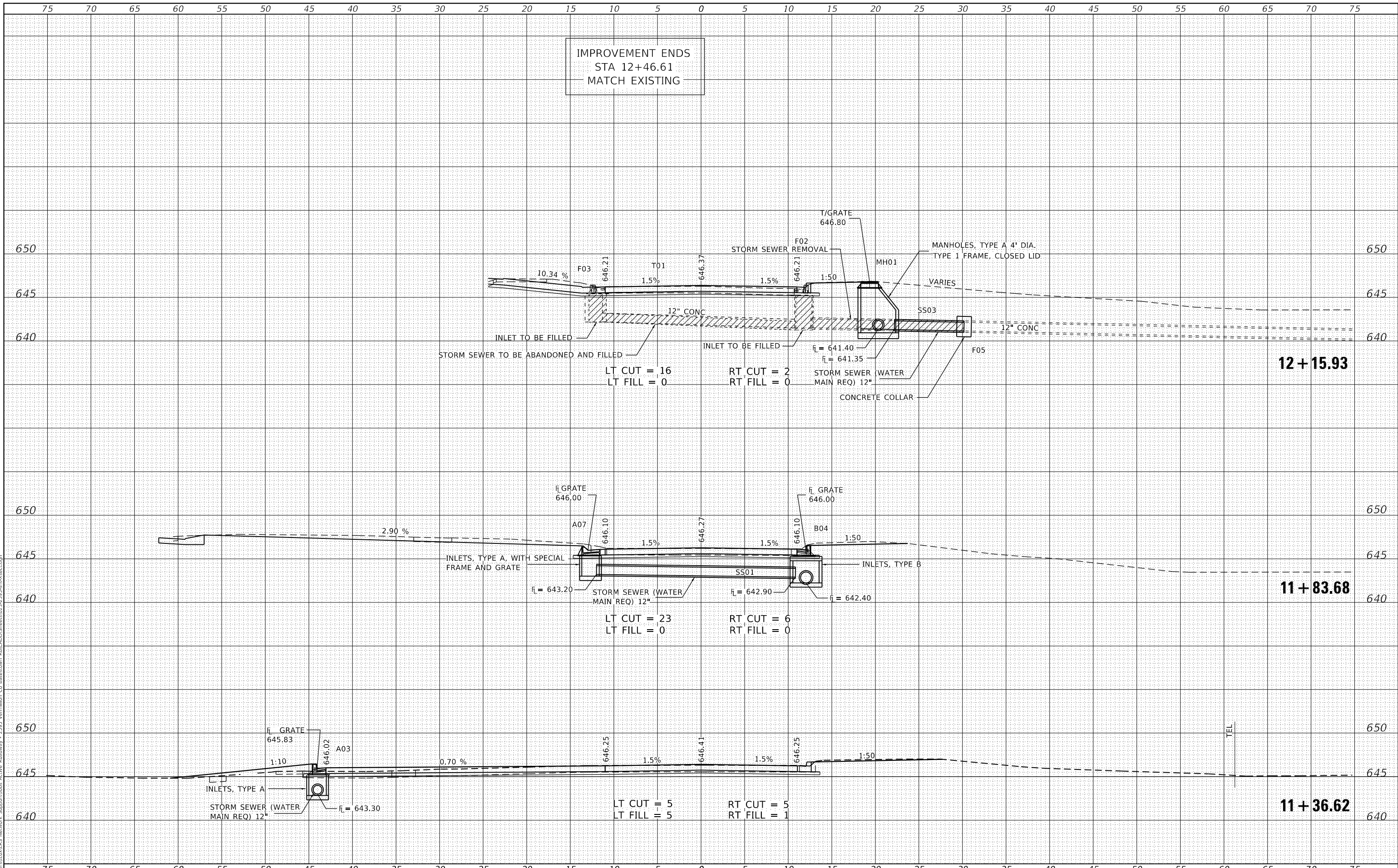
CROSS SECTIONS
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 91586	
		ILLINOIS	FED. AID PROJECT	

DATE	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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CEC Cummins Engineering Corporation
 Civil and Structural Engineering

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**VERMILION COUNTY
 CH 36 (BATESTOWN RD) IMPROVEMENTS**

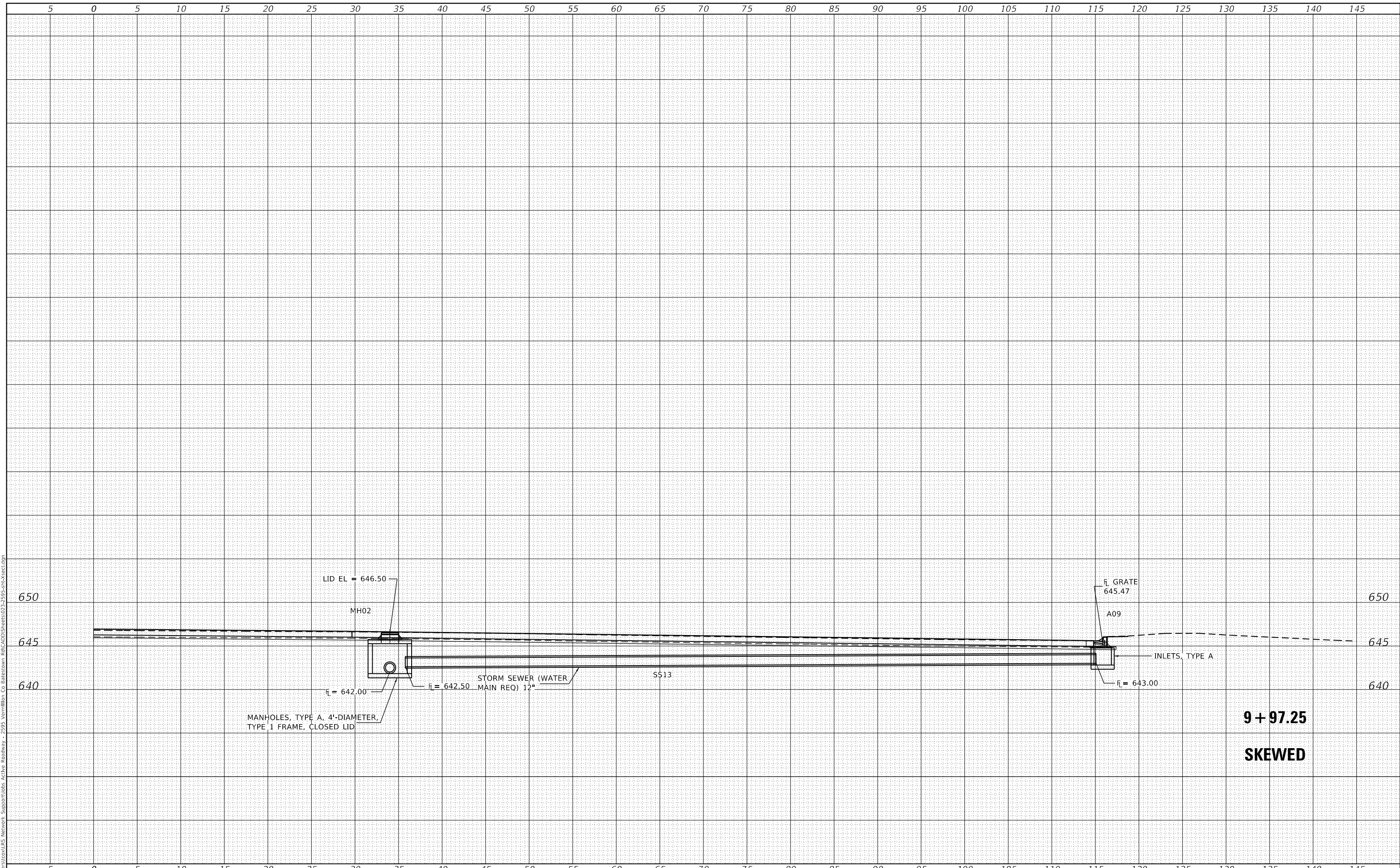
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	36
CONTRACT NO. 91586			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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MANHOLES, TYPE A, 4'-DIAMETER,
 TYPE 1 FRAME, CLOSED LID

9 + 97.25
SKewed



JOB# = 2595
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VERMILION COUNTY
CH 36 (BATESTOWN RD) IMPROVEMENTS

CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7005	18-00213-00-PV	VERMILION	37	37
CONTRACT NO. 91586			ILLINOIS FED. AID PROJECT	