

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 662 (IL 4) OVER DITCH
SECTION (D)R-14,C,N,SW
PROJECT NHPP-BRSK(212)
MACOUPIN COUNTY
C-96-075-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2

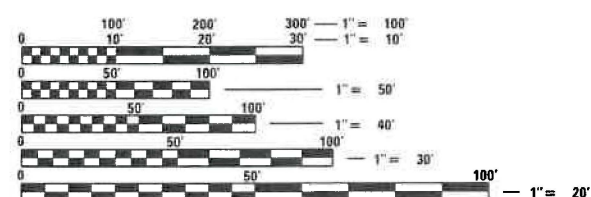
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64*	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 72C80		

* 64 - 2 = 62 TOTAL SHEETS

D-96-075-09



ADT = 6,444 (2021)
SU = 6.8% (2021)
MU = 3.8% (2021)
MUNICIPALITY: GIRARD
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL

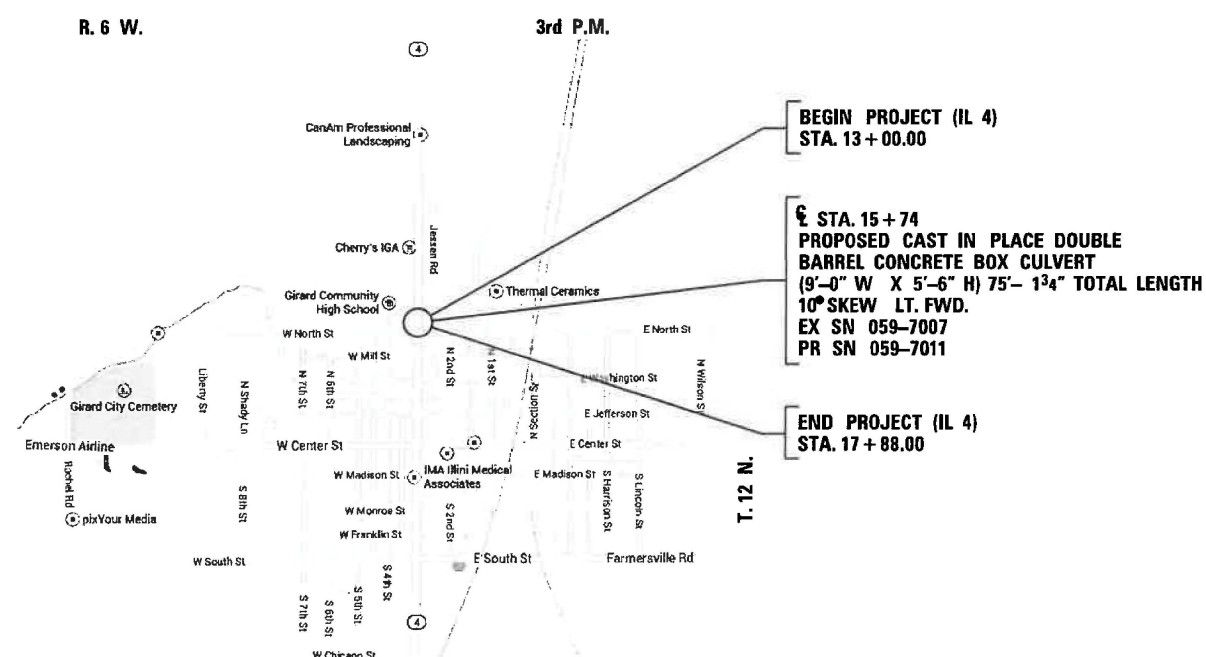


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BRIAN LANINGHAM (217)785-6990

CONTRACT NO. 72C80



LOCATION MAP - GIRARD, IL

GROSS LENGTH OF PROJECT = 508.00 FEET = 0.096 MILES (IL 4)
NET LENGTH OF PROJECT = 488.00 FEET = 0.092 MILES (IL 4)
GROSS LENGTH OF PROJECT = 225.00 FEET = 0.043 MILES (NORTH STREET)

0 300' 600'
SCALE: 1" = 300'



Veenstra & Kimm, Inc.
Springfield, IL. Phone: (217)544-8033
IL Design Firm No. 184-001939



Christopher P. Kohler 7/30/25
EXPIRATION: 11/30/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED July 31, 2025

Lora Renshaw, REGION FOUR ENGINEER

August 14, 2026

See Ed Etkin, ENGINEER OF DESIGN AND ENVIRONMENT

August 14, 2026

Director of Highways Project Implementation

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV - MS

GENERAL NOTES

- 1.) EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 2.) ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3.) ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- 4.) THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- 5.) ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM. ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
- 6.) THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 21 DAYS PRIOR TO CLOSING ONE STAGE OF ROAD TO TRAFFIC (PH: 217-785-5306).
- 7.) THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH: 217-785-5306)
- 8.) ONLY THOSE TREES LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 9.) ALL OPENINGS IN PRECAST STRUCTURES, INCLUDING BOX CULVERTS, SHALL BE PRECAST TO THE PROPER SIZE. THIS INCLUDES OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS AND OPENINGS FOR PIPE UNDERDRAINS. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

HOT-MIX ASPHALT MATERIALS (TACK COAT) 0.05 LB./SQ. FT. (ON PAVEMENT)
HOT-MIX ASPHALT MATERIALS (TACK COAT) 0.025 LB./SQ. FT. (BETWEEN HMA LIFTS)

HOT-MIX ASPHALT SURFACE / BINDER 0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL 1.90 TON/CU. YD.
RIPRAP 1.5 TON/CU. YD.
NITROGEN FERTILIZER NUTRIENT 90 LBS./ACRE
PHOSPHOROUS FERTILIZER NUTRIENT 90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT 90 LBS./ACRE
AGGREGATE PRIME COAT 0.002 TON/SQ. YD.
AGRICULTURAL GROUND LIMESTONE 2.0 TON/ACRE
ROCKFILL - FOUNDATION 1.89 TON/CU. YD.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-09	701006-05
001006	701011-04
280001-07	701201-05
424006-06	701301-04
424016-06	701311-03
515001-04	701321-19
542506-03	701501-06
602306-03	701801-06
604001-05	701901-11
602406-11	704001-08
604006-05	780001-05
606001-09	781001-04
664001-02	BLR 21-9
420001-11	

602301-04
602401-07
602406-11
604006-05
604036-03
782006-01

MIXTURE REQUIREMENTS

MIXTURE USE(S)	HMA SURFACE COURSE	HMA BINDER COURSE
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIX COMPOSITION:	IL 9.5	IL 9.5 FG
FRICTION AGGREGATE:	MIX "D"	N/A
MIXTURE WEIGHT:	IL 9.5	IL 9.5 FG
QUALITY MANAGEMENT:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
MATERIAL TRANSFER DEVICE REQUIRED:	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED May 30, 20 25
ENGINEER OF OPERATIONS

EXAMINED May 30, 20 25
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED May 30, 20 25
ENGINEER OF PROGRAM DEVELOPMENT

INDEX OF SHEETS

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* SHEETS 10 AND 27 HAVE BEEN DELETED FROM THE PLAN SET.

REV - MS

MODEL NAMES:
FILE NAMES: SHEETS

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IL Design Firm No. 184-001939

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PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND MIXTURE REQUIREMENTS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	2
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

CODE			TOTAL	PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BOX CULVERT
					SN 059-7011
				0004	0004
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	28	28	
20200100	EARTH EXCAVATION	CU YD	226	226	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	116	116	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	176		176
20800150	TRENCH BACKFILL	CU YD	106	106	
25000110	SEEDING, CLASS 1A	ACRE	0.7	0.7	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63	63	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63	63	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63	63	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.4	1.4	
25100115	MULCH, METHOD 2	ACRE	0.7	0.7	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	70	70	
28000400	PERIMETER EROSION BARRIER	FOOT	346	346	
28000500	INLET AND PIPE PROTECTION	EACH	10	10	

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	3
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

REV - MS

CODE			TOTAL	PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BOX CULVERT
				SN 059-7011	
				0004	0004
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	175		175
28200200	FILTER FABRIC	SQ YD	263		263
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	30	30	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	166	166	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	69	69	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	31	31	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1366	1366	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	911	911	
40600990	TEMPORARY RAMP	SQ YD	71	71	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	397	397	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	235	235	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	119	119	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	52	52	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3262	3262	

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



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PLOT DATE = \$DATES\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	4
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

REV - MS

				PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
CODE			TOTAL	ROADWAY	BOX CULVERT
					SN 059-7011
				0004	0004
42400800	DETECTABLE WARNINGS	SQ FT	100	100	
44000100	PAVEMENT REMOVAL	SQ YD	606	606	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	68	68	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	912	912	
44000600	SIDEWALK REMOVAL	SQ FT	2697	2697	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50200100	STRUCTURE EXCAVATION	CU YD	200	200	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	36740	3530	33210
50800515	BAR SPLICERS	EACH	126		126
51500100	NAME PLATES	EACH	1		1
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	228		228
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	25.8	25.8	
54003000	CONCRETE BOX CULVERTS	CU YD	160.1		160.1
5421D008	PIPE CULVERTS, CLASS D, TYPE 1 8" (TEMPORARY)	FOOT	20	20	

REV - MS

MODEL: Default
FILE NAME: 2303011 Jobs\DOT\011-00681 IDOT D-6 WC-2 PE 1 IL 4 over Drainage Ditch in Girard\CADD Sheets\067C80-sht-ssq.dgn



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PLOT DATE = 6/9/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	6
CONTRACT NO. 72C80				
		ILLINOIS	FED. AID PROJECT	

REV - MS

CODE			TOTAL	PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BOX CULVERT
					SN 059-7011
				0004	0004
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2	2	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	20	20	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	146	146	
55100500	STORM SEWER REMOVAL 12"	FOOT	80	80	
55100700	STORM SEWER REMOVAL 15"	FOOT	105	105	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	195		195
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	5	5	
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	2	2	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2	

MODEL: Default
FILE NAME: 2303011 Jobs\DOT\011-00681 IDOT D-6 WO-2 PE 1 IL 4 over Drainage Ditch in Girard\CAOD Sheets\067C80-sht-ssq.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE

SHEET 1

OF 7

SHEETS

STA.

TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	7
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

REV - MS

CODE			TOTAL	PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BOX CULVERT
					SN 059-7011
				0004	0004
60500060	REMOVING INLETS	EACH	5	5	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	F00T	1013	1013	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	6	6
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	360		360
70300100	SHORT TERM PAVEMENT MARKING	F00T	68	68	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	23	23	

MODEL: Default
FILE NAME: 2/3/2011 Jobs\DOT\011-00681 IDOT D-6 WO-2 PE 1 IL 4 over Drainage Ditch in Grant\CAAD Sheets\0672C80-sht-ssq.dgn



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SUMMARY OF QUANTITIES

SCALE: NONE

SHEET 1

OF 7

SHEETS

STA.

TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	8
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

REV - MS

				PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BOX CULVERT
					SN 059-7011
				0004	0004
CODE			TOTAL		
70400100	TEMPORARY CONCRETE BARRIER	F00T	250	250	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	F00T	225	225	
70600235	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	2	2	
70600320	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	2	2	
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	F00T	1210	1210	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	F00T	259	259	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	F00T	102	102	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	F00T	32	32	
* 78004625	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 5"	F00T	170	170	
* 78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	F00T	170	170	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	8	8	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	8	8	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	464	464	

* SPECIALTY ITEM

MODEL: Default
FILE NAME: Z:\3011 Jobs\DOT\011-00681 IDOT D-6 WO-2 PE 1 IL 4 over Drainage Ditch in Girard\ADD Sheets\067C80-sht-seq.dgn

				PPS 6-00517-0000	
				CONSTRUCTION CODE	
				NHPP FUNDING	
				80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BOX CULVERT
					SN 059-7011
				0004	0004
CODE			TOTAL		
X2810848	RIPRAP SLURRY	SQ YD	87		87
X5020108	GRANULAR CULVERT BACKFILL	CU YD	83		83
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	195		195
X6050172	PLUG EXISTING SANITARY SEWERS	EACH	2	2	
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	1.9	1.9	
X6640298	CHAIN LINK FENCE (SPECIAL)	F00T	204	204	
X6640300	CHAIN LINK FENCE REMOVAL	F00T	112	112	
X6640308	CHAIN LINK GATES (SPECIAL)	EACH	2	2	
X6640585	CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL	F00T	36		36
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.5	0.5
Ø Z0076600	TRAINEES	HOUR	500	500	
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1		1
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5

Ø 0042

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DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	9
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

5421D008 PIPE CULVERTS, CLASS D, TYPE 1 8" (TEMPORARY)		
LOCATION	QUANTITY	
	FOOT	
STA. 100+50 10.5' LT. TO STA. 100+50 9.5' RT. (DRIVEWAY EAST OF IL. 4)	20	
TOTAL	20	

STORM SEWER REMOVAL		
	55100500 STORM SEWER REMOVAL 12"	55100700 STORM SEWER REMOVAL 15"
	FOOT	FOOT
STA. 15+14 TO STA. 15+70 LT.		56
STA. 15+20 TO STA. 15+64 RT.	44	
STA. 15+60 TO STA. 16+09 LT.		49
STA. 15+73 TO STA. 16+09 RT.	36	
TOTAL	80	105

60265700 VALVE VAULT TO BE ADJUSTED	
LOCATION	QUANTITY
	EACH
STA. 16+88 28' LT.	1
STA. 16 + 95 31' LT.	1
TOTAL	2

60500060 REMOVING INLETS	
LOCATION	QUANTITY
	EACH
STA. 15+52 20' RT.	1
STA. 15+60 20' LT.	1
STA. 16+06 20' LT.	1
STA. 16+08 20' RT.	1
STA. 17+51 20' RT.	1
TOTAL	5

COMBINATION CURB AND GUTTER & COMBINATION CURB & GUTTER REMOVAL		
LOCATION	60604400 COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18	44000500 COMBINATION CONCRETE CURB & GUTTER REMOVAL
	FOOT	FOOT
STA. 13+00 TO STA. 16+82 LT.	382	
STA. 16+82 LT. TO STA. 10+44 LT. (NORTH STREET)	40	
STA. 13+00 TO STA. 16+66 RT.	366	
STA. 16+66 TO STA. 9+17 LT. (NORTH STREET RT. RADII)	83	
STA. 10+44.5 RT. (NORTH STREET RADII) TO STA. 17+88 LT.	75	
STA. 9+17 RT. (NORTH STREET RADII) TO STA. 17+88 RT.	67	
STA. 13+00 TO STA. 16+99 LT.		399
STA. 13+00 TO STA. 17+00 RT.		400
STA. 17+34 TO STA. 17+88 RT.		54
STA. 17+43 TO STA. 17+88 LT. (INCLUDES NORTH STREET)		59
TOTAL	1013	912

CHAIN LINK FENCE 8'				
LOCATION	66400505 CHAIN LINK FENCE 8'	66407400 CHAIN LINK GATES, 6' X 8' DOUBLE	X6640585 CHAIN LINK FENCE ATTACHED TO STRUCTURE, SPECIAL	X6640300 CHAIN LINK FENCE REMOVAL
	FOOT	EACH		FOOT
STA. 15+40.5 36.5' RT. TO STA. 15+58.5 36.5' RT.	18			
STA. 15+58.5 36.5' RT. TO STA. 15+76.5 36.5' RT			18	
STA. 15+76.5 36.5' RT. TO STA. 15+94.5 36.5' RT.	18			
STA. 15+40.5 36.5' RT. TO 81.5' RT.	45			
STA. 15+94.5 36.5' RT. TO 45.5' RT.	9			
STA. 15+94.5 45.5' RT. TO STA. 15+94.5 57.5' RT.		1		
STA. 15+94.5 57.5' RT. TO 81.5' RT.	24			
STA. 15+40.5 80.5' RT. TO STA. 15+94.55 81.5' RT.	54			
STA. 15+53.5 36.5' LT. TO STA. 15+71.5 36.5' LT.	18			
STA. 15+71.5 36.5' LT. TO STA. 15+89.5 36.5' LT.			18	
STA. 15+89.5 36.5' LT. TO STA. 16+07.5 36.5' LT.	18			
STA. 15+30 34' RT. TO STA. 15+83 43' RT. (ENCASED)				112
TOTAL	204	1	36	112

X6060097 CLASS SI CONCRETE (OUTLET), SPECIAL	
LOCATION	QUANTITY
	CU. YD.
W. NORTH STREET RT.	
STA. 9+35 11.4' RT. TO STA. 9+47 11.4' RT.	0.93
STA. 9+05 15.6' LT. TO STA. 9+17 15.6' LT.	0.93
TOTAL	1.86
USE 1.9 CU. YD.	

70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS	
LOCATION	QUANTITY
	EACH
STA. 13+19.5 23' RT.	0.14
STA. 13+44.5 23' LT.	0.14
STA. 18+23 23' RT.	0.14
STA. 18=48 23' LT.	0.14
STA. 16+88 38' RT.	0.14
STA. 17+45 38' RT.	0.14
P.E. STA. 13+77 22' RT.	0.14
TOTAL	1

MODEL: Default
FILE NAME: 2/3/2011 Jobs\DOT\011-00681_IDOT D-6 WC-2 PE 1 IL 4 over Drainage Ditch in Grant\CAOD Sheets\0672C80-sht-schedules.dgn



**VEENSTRA
& KIMM INC.**
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME = ckohlrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES

SCALE: 1" = 10' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	12
CONTRACT NO. 72C80				
		ILLINOIS	FED. AID PROJECT	

TEMPORARY CONCRETE BARRIER				
LOCATION	70400100 TEMPORARY CONCRETE BARRIER	70400200 RELOCATE TEMPORARY CONCRETE BARRIER	70600235 IMPACT ATTENUATORS, TEMP. (FULLY REDIR.) TEST LEVEL 2	70600320 IMPACT ATTENUATORS, RELOCATE (FULLY REDIR.) TEST LEVEL 2
	FOOT	FOOT	EACH	EACH
STAGE I				
STA. 14+24.1 TO STA. 14+49.7 RT.			1	
STA. 14+49.7 TO STA. 16+98.3 RT.	250			
STA. 16+98.3 TO STA. 17+23.9 RT.			1	
STAGE II				
STA. 14+24.1 TO STA. 14+49.7 LT.				1
STA. 14+49.7 TO STA. 16+73 LT.		225		
STA. 16+73 TO STA. 16+98.6 LT.				1
TOTAL	250	225	2	2

X6050172 PLUG EXISTING SANITARY SEWERS	
LOCATION	QUANTITY
	EACH
STA. 15+48 15.5' RT.	1
STA. 16+00 15.5' RT.	1
TOTAL	2

70107025 CHANGEABLE MESSAGE SIGN	
LOCATION	QUANTITY
	CAL DA
SIGNS TO BE IN PLACE FOR 6 MONTHS	
SIGN PLACED NORTH OF PROJECT LOCATION AT DISCRETION OF ENGINEER	180
SIGN PLACED SOUTH OF PROJECT LOCATION AT DISCRETION OF ENGINEER	180
TOTAL	360

RAISED REFLECTIVE PAVEMENT MARKER AND MARKER REMOVAL		
LOCATION	78100100 PAVEMENT MARKER	78300200 PAVEMENT MARKER REMOVAL
	EACH	EACH
STA. 12+54.5 TO STA. 19+13	8	8
TOTAL	8	8

MODEL: 3100DELNAMES
FILE: 040165.DWG



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IL. Design Firm No. 184-001939

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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES		
SCALE: 1" = 10'	SHEET 4 OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	13
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE SCHEDULE												
LOCATION					60260500 INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME & GRATE	60235700 INLETS, TYPE A, TYPE 3 F&G	60236200 INLETS, TYPE A, TYPE 8 GRATE	60240220 INLETS, TYPE B, TYPE 3 F&G	60218400 MANHOLES 4' DIA. TYPE 1 FRAME CLOSED LID	60223810 MANHOLES 6' DIA. TY 3 FRAME AND GRATE	60255500 MANHOLES TO TO BE ADJUSTED	60255800 MANHOLES TO BE ADJUSTED WITH NEW TY 1 FRAME CL LID
NO.	STATION	OFFSET	FRAME ELEV	TOP OF STRUCTURE ELEV	EACH	EACH		EACH	EACH	EACH	EACH	EACH
401	14+13	20' LT.	660.55	659.72	1							
402	15+15	20' LT.	660.09	659.26				1				
403	15+25	20' LT.	660.09	659.26						1		
404	15+36	19' LT	659.58	659.50			1					
405	16+10	20' LT.	660.35	659.52				1				
406	17+52	20' LT.	661.98	661.83	1							
407	15+00	14.75' RT.	660.22	660.07							1	
408	15+15	20' RT.	660.09	659.26				1				
409	15+25	20' RT.	660.09	659.26				1				
410	16+10	20' RT.	660.35	659.52				1				
411	17+51	19.75' RT.	661.92	661.77					1			
412	17+51	24' RT	661.85	661.02		1						
413	17+22	15' RT	661.66	661.51								1
TOTAL					2	1	1	5	1	1	1	1

PAVEMENT MARKING SCHEDULE									
LOCATION	78000300 THERMOPLASTIC PAVEMENT MARKING LINE 5" (WHITE EDGE LINE)	78000400 THERMOPLASTIC PAVEMENT MARKING LINE 6" (CROSSWALK)	78000600 THERMOPLASTIC PAVEMENT MARKING LINE 12" (CROSSWALK)	78000650 THERMOPLASTIC PAVEMENT MARKING LINE 24" (STOP LINE)	78004625 PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 5"	78011030 GROOVING FOR RECESSED PAVEMENT MARKING 6"	70300100 SHORT TERM PAVEMENT MARKING	70300150 SHORT TERM PAVEMENT MARKING REMOVAL	78300201 PAVEMENT MARKING REMOVAL - GRINDING
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQUARE FOOT	SQUARE FOOT
STA. 12+54.5 TO STA. 16+98 LT.	444								
STA. 17+43 TO STA. 19+13 LT.	170								
STA. 12+54.5 TO STA. 16+85 RT.	431								
STA. 17+48 TO STA. 19+13 RT.	165								
IL 4 CROSSWALK - STA. 14+23 18.5' LT TO 18.5' RT		37							
IL 4 CROSSWALK - STA. 14+29 18.5' LT TO 18.5' RT		37							
CROSSWALK - W. NORTH STREET STA. 16+99 TO STA. 17+42 LT.		43							
CROSSWALK - W. NORTH STREET STA. 17+04 TO STA. 17+38 LT.		34							
CROSSWALK - W. NORTH STREET STA. 16+87 TO STA. 17+45 RT.		62							
CROSSWALK - W. NORTH STREET STA. 16+92 TO STA. 17+38 RT.		46							
IL 4 CROSSWALK - STA. 14+23 TO STA. 14+29 (17 STRIPES @ 6')			102						
NORTH STREET STA. 9+62 TO STA. 9+64 RT.				16					
NORTH STREET STA. 10+35 TO STA. 10+37 LT.				16					
STA. 12+54.5 TO STA. 19+13 CENTERLINE (17 STRIPES @ 10')					170	170			57
STAGE I - STA. 12+54.5 TO STA. 19+13 EDGE LINE									
STAGE I - STA. 12+54.5 TO STA. 19+13 CENTERLINE									
STAGE II - STA. 12+54.5 TO STA. 18+10 EDGE LINE									
STAGE II - STA. 12+54.5 TO STA. 19+13 CENTERLINE									
STA. 12+54.5 TO STA. 19+13 CENTERLINE ASSUME 4' STRIPES @ 40' CTS.							68	23	
STA. 12+54.5 TO STA. 16+98 LT. EDGE									148
STA. 12+54.5 TO STA. 16+95 RT. EDGE									147
STA. 17+52 TO STA. 19+13 LT. EDGE									54
STA. 17+41 TO STA. 19+13 RT. EDGE									58
TOTAL	1210	259	102	32	170	170	68	23	464

MODEL - 3100DELNAMES
FILE - 10015 - STREETS



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IL. Design Firm No. 184-001939

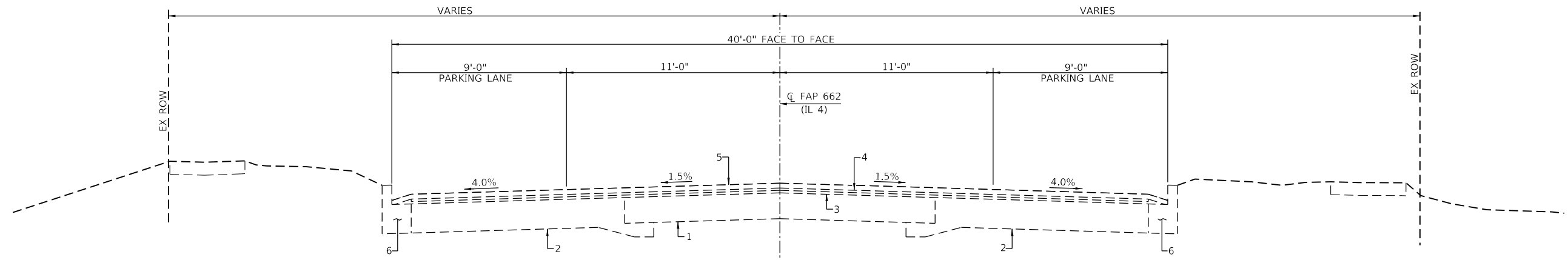
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	DRAWN -	REVISED -
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PLOT DATE = \$DATES	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

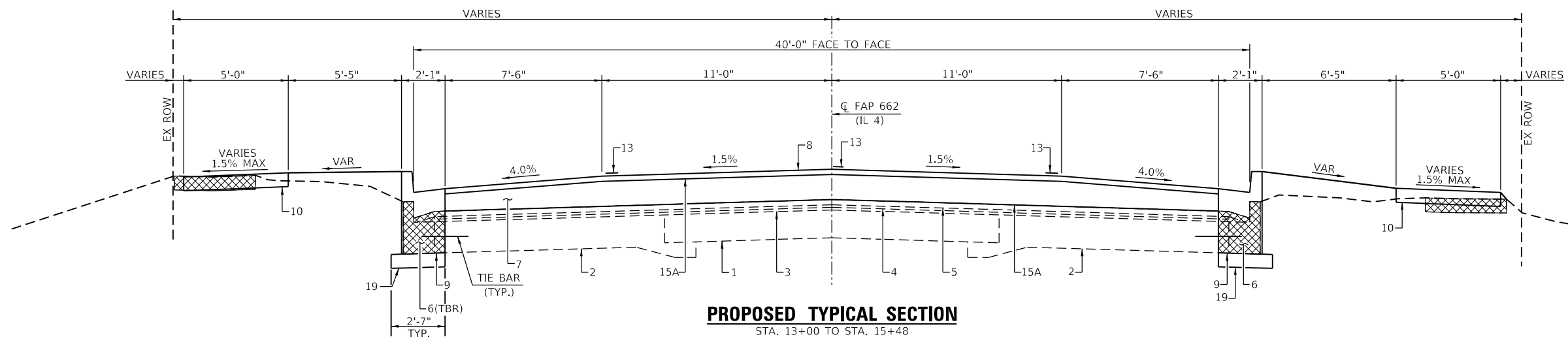
QUANTITY SCHEDULES

SCALE: 1" = 10' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	14
		CONTRACT NO. 72C80		
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION
STA. 13+00 TO STA. 17+88



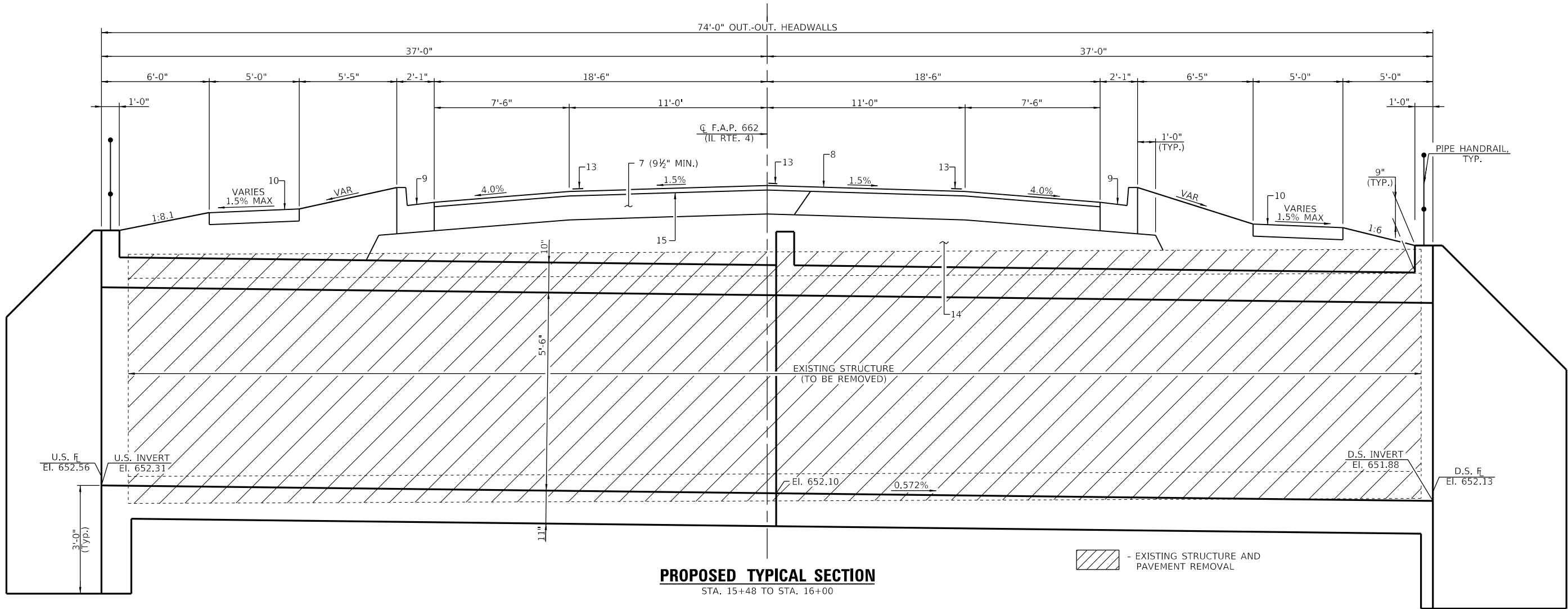
PROPOSED TYPICAL SECTION
STA. 13+00 TO STA. 15+48
STA. 16+00 TO STA. 17+88

 - INDICATES CONCRETE CURB AND GUTTER, SIDEWALK AND PAVEMENT REMOVAL

PAVEMENT LEGEND

1. EX CONC PVMT (9")
- 1A. EX AGG BASE
2. EX PCC WIDENING (9")
3. EX HMA SURF
4. EX LEVELING BINDER ($\frac{3}{8}$ ")
5. EX HMA SURF CRSE (1 $\frac{1}{2}$ ")
6. EX COMB CONC C&G TY B-6.12
7. PR HMA BINDER IL-19.0, N50 (VAR. DEPTH)
8. PR HMA SURF COURSE, IL-9.5, N50 1 $\frac{1}{2}$ "
9. PR COMB CONC C & G TY B-6.18
10. PR CONC SIDEWALK (4")
11. PR CHAINLINK FENCE, 8'
12. PR TEMP PVMT MRK - LINE 5"
13. PR PVMT MRK - LINE 5"
14. PR POROUS GRANULAR EMBANKMENT
15. PR BIT MATERIALS (TACK COAT)
16. PR AGG BASE COURSE TYPE A 8"
17. PR CONC CURB TRANSITION
18. PR CLASS SI CONC OUTLET (SPECIAL)
19. PR AGG BASE COURSE TYPE B 4"
20. PR AGG FOR TEMPORARY ACCESS 4"

MODEL 015
FILE NAME: Z:\2011 Jobs\IDOT\11-00681 IDOT D-6 WC-2 PE 1 IL 4 over Drainage Ditch in GrandCADD Sheets\0672C80-shrt-typicals.dgn

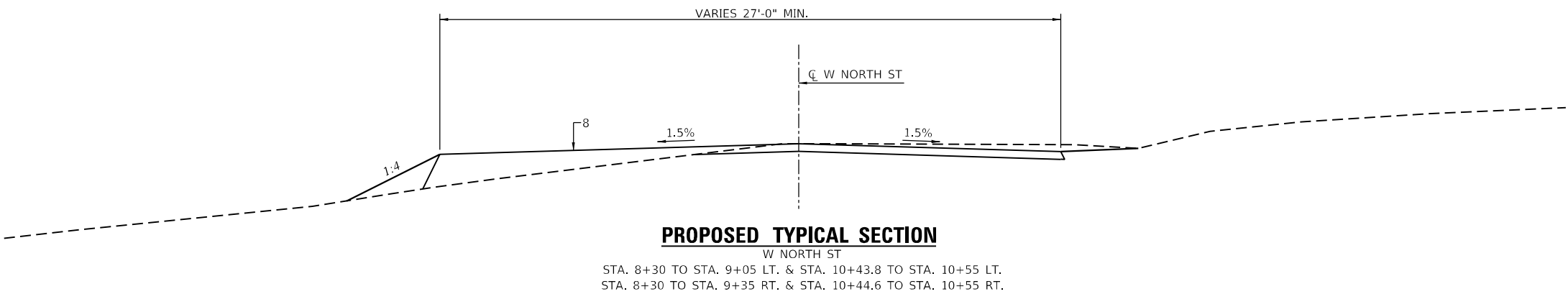


PAVEMENT LEGEND

1. EX CONC PVMT (9")
- 1A. EX AGG BASE
2. EX PCC WIDENING (9")
3. EX HMA SURF
4. EX LEVELING BINDER (3/4")
5. EX HMA SURF CRSE (1 1/2")
6. EX COMB CONC C&G TY B-6.12
7. PR HMA BINDER IL-19.0, N50 (VAR, DEPTH)
8. PR HMA SURF COURSE, IL-9.5, N50 1 1/2"
9. PR COMB CONC C & G TY B-6.18
10. PR CONC SIDEWALK (4")
11. PR CHAINLINK FENCE, 8'
12. PR TEMP PVMT MRK - LINE 5"
13. PR PVMT MRK - LINE 5"
14. PR POROUS GRANULAR EMBANKMENT
15. PR BIT MATERIALS (TACK COAT)
16. PR AGG BASE COURSE TYPE A 8"
17. PR CONC CURB TRANSITION
18. PR CLASS SI CONC OUTLET (SPECIAL)
19. PR AGG BASE COURSE TYPE B 4"
20. PR AGG FOR TEMPORARY ACCESS 4"

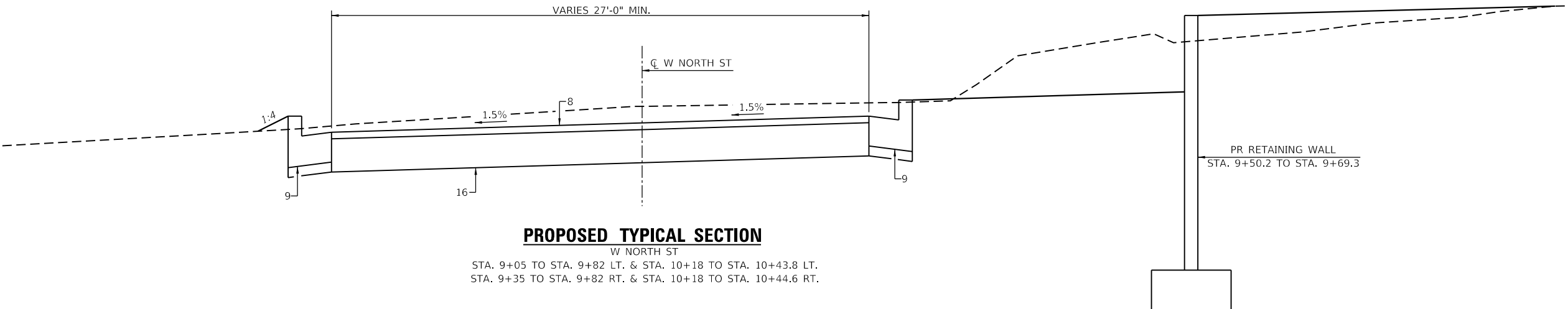
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DRAWN -	REVISED -	
PLOT SCALE = 6,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2025	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	16
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



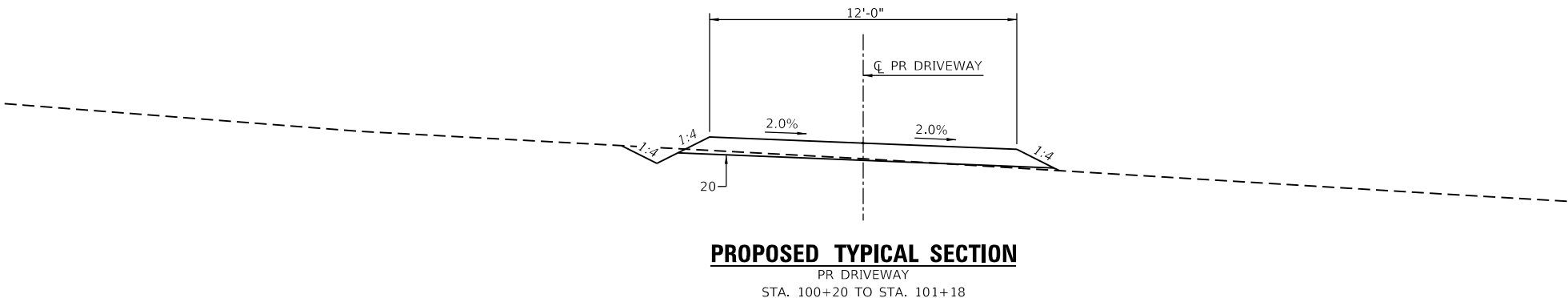
PROPOSED TYPICAL SECTION

W NORTH ST
STA. 8+30 TO STA. 9+05 LT. & STA. 10+43.8 TO STA. 10+55 LT.
STA. 8+30 TO STA. 9+35 RT. & STA. 10+44.6 TO STA. 10+55 RT.



PROPOSED TYPICAL SECTION

W NORTH ST
STA. 9+05 TO STA. 9+82 LT. & STA. 10+18 TO STA. 10+43.8 LT.
STA. 9+35 TO STA. 9+82 RT. & STA. 10+18 TO STA. 10+44.6 RT.



PROPOSED TYPICAL SECTION

PR DRIVEWAY
STA. 100+20 TO STA. 101+18

PAVEMENT LEGEND

1. EX CONC PVMT (9")
- 1A. EX AGG BASE
2. EX PCC WIDENING (9")
3. EX HMA SURF
4. EX LEVELING BINDER ($\frac{3}{4}$ ")
5. EX HMA SURF CRSE (1 $\frac{1}{2}$ ")
6. EX COMB CONC C&G TY B-6.12
7. PR HMA BINDER IL-19.0, N50 (VAR. DEPTH)
8. PR HMA SURF COURSE, IL-9.5, N50 1 $\frac{1}{2}$ "
9. PR COMB CONC C & G TY B-6.18
10. PR CONC SIDEWALK (4")
11. PR CHAINLINK FENCE, 8'
12. PR TEMP PVMT MRK - LINE 5"
13. PR PVMT MRK - LINE 5"
14. PR POROUS GRANULAR EMBANKMENT
15. PR BIT MATERIALS (TACK COAT)
16. PR AGG BASE COURSE TYPE A 8"
17. PR CONC CURB TRANSITION
18. PR CLASS SI CONC OUTLET (SPECIAL)
19. PR AGG BASE COURSE TYPE B 4"
20. PR AGG FOR TEMPORARY ACCESS 4"

MODEL 017
FILE NAME: Z:\2011 Jobs\DOT\011-00681 IDOT D-6 WC-2 PE 1 IL 4 over Drainage Ditch in Grant\CAAD Sheets\0672C80-sht-typicals.dgn

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USER NAME = ckohlrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2025	DATE -	REVISED -

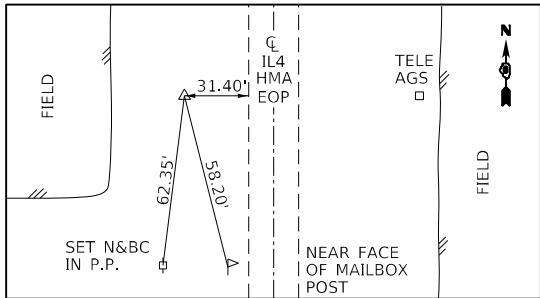
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL ROADWAY SECTIONS

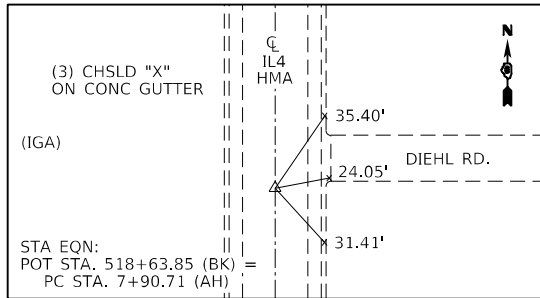
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	17
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

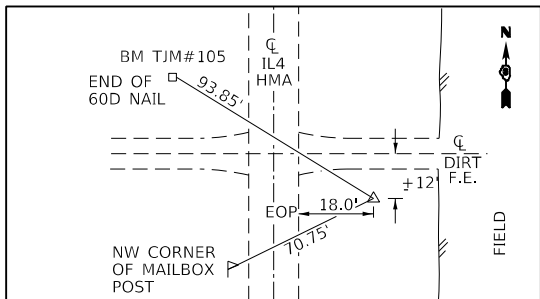
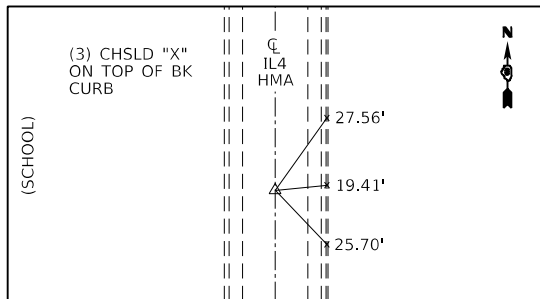
TRAVERSE STATIONS

TRAV #4002 SET #4 REBAR w/ IDOT CAP
STA. 470+03.02 @ 43.97' RT.

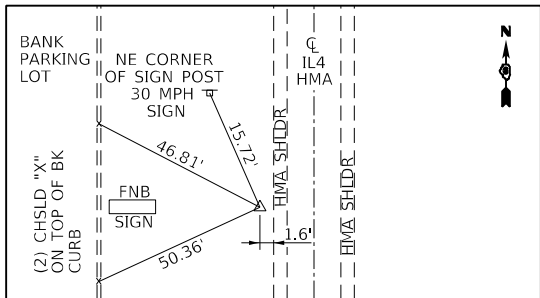
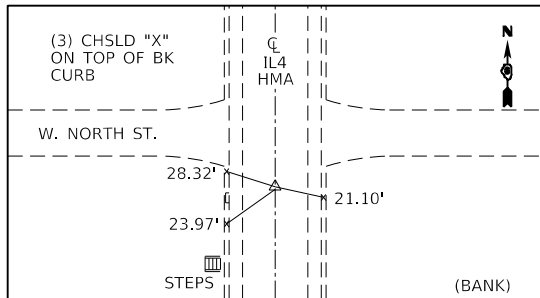
CENTERLINE CONTROL



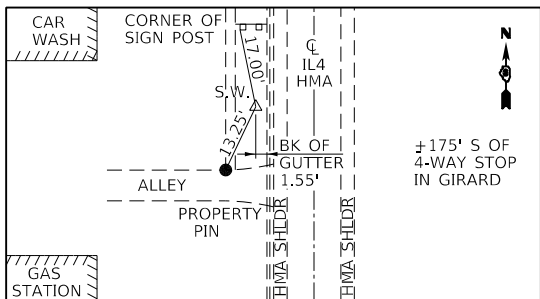
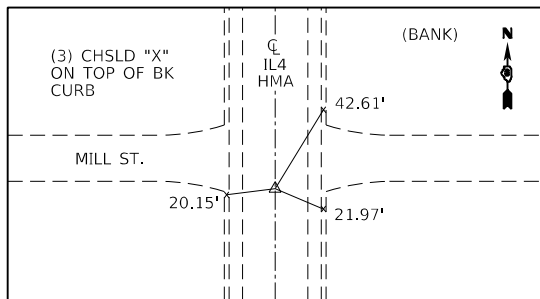
PC STA. 7+90.71 PK N&BC w/ CHSLD "X"

TRAV #4003 SET #4 REBAR w/ IDOT CAP
STA. 490+73.71 @ 30.26' LT.

PI STA. 12+74.11 PK N&BC w/ CHSLD "X"

TRAV #4004 SET #4 REBAR w/ IDOT CAP
STA. 515+81.52 @ 20.03' RT.

PT STA. 17+57.51 PK N&BC w/ CHSLD "X"

TRAV #113 #4 REBAR w/CAP (Buried 2")
STA. 32+08.40 @ 22.18' LT.

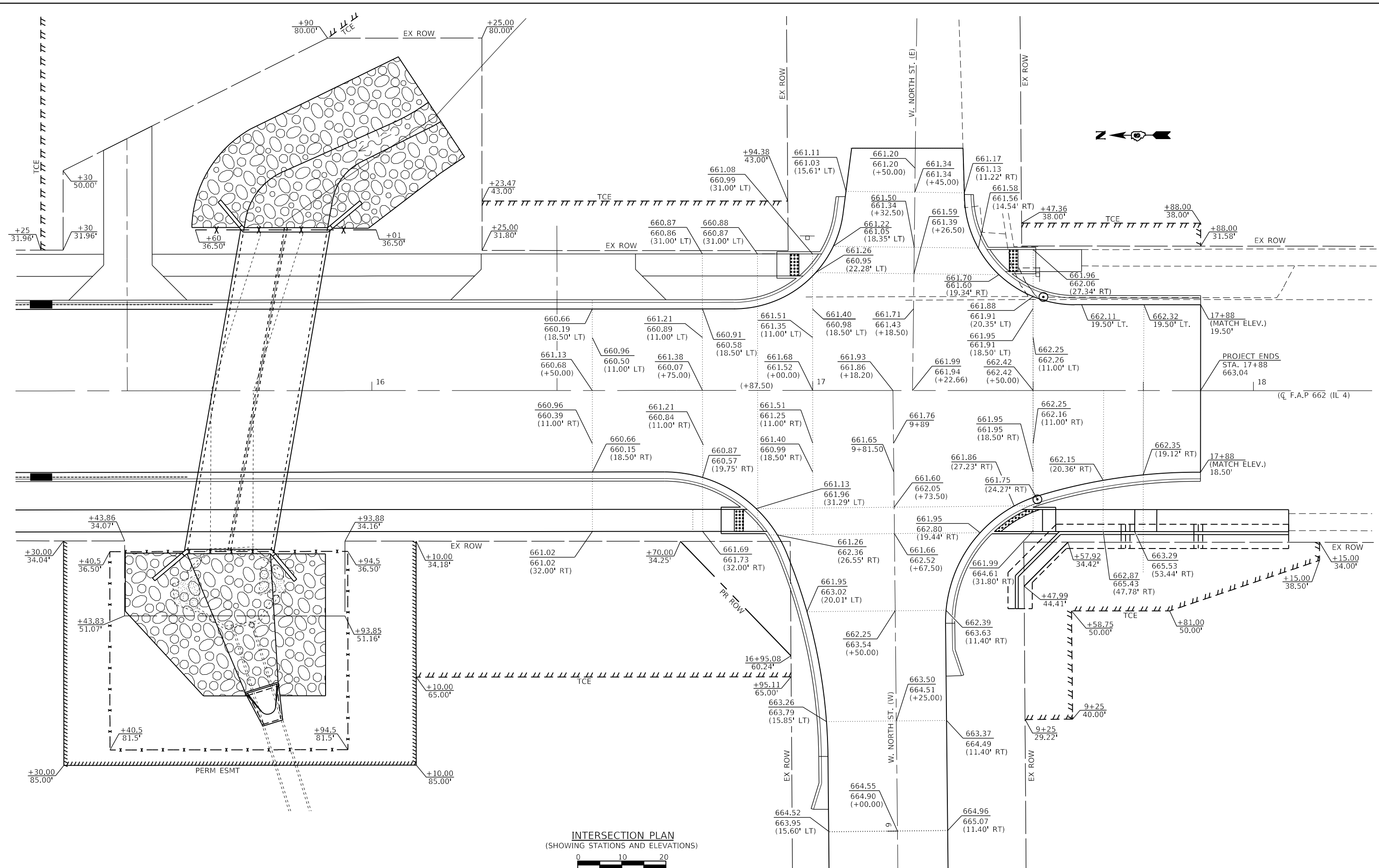
POT STA. 20+00.00 PK N&BC w/ CHSLD "X"

BENCHMARKS NAVD-88

- BM TJM#107 SET CHSLD "X" ON TOP WESTERLY BOLT OF FIRE HYDRANT, SET ON E. SIDE OF IL4 AND JUST W. OF HOUSE #620 IN GIRARD
STA. $\pm 517+50$ @ 24.5' LT
ELEV. = 663.177
- BM TJM#108 SET CHSLD "X" ON TOP W. BOLT OF FIRE HYDRANT, SET ON THE S.E. QUAD. OF THIRD ST. (IL4) AND W. NORTH ST. SET ON E. SIDE OF IL4
STA. 17+61.8 @ 27.4' LT
ELEV. = 665.046
- BM #2A FOUND CHSLD "X" ON TOP N.W. BOLT OF FIRE HYDRANT, SET ON THE S. QUAD. OF THIRD ST. (IL4) AND W. CENTER ST. IN GIRARD FR. SB14/BK58
STA. $\pm 30+44.3$ @ 40.5' LT
ELEV. = 671.375
- BM TJM#109 SET CHSLD "□" ON TOP CENTER OF HEADWALL OF 15" CMP SET ON N.W. QUAD OF THIRD ST. (IL4) AND W. SOUTH ST. IN GIRARD
STA. 43+07.0 @ 47.0' RT.
ELEV. = 667.916
- BM 513 CHSLD "□" ON NE CORNER HDWL OF CONC DROP BOX ON E. SIDE OF IL 4
STA. 479+60.9 @ 35.2' LT.
- BM 514 CHSLD "□" ON S. END OF E. CONC HDWL CULVERT UNDER IL 4 AT N. EDGE OF GIRARD
STA. 510+76.9 @ 21.9' LT
ELEV. = 658.470

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	18
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



INTERSECTION PLAN
(SHOWING STATIONS AND ELEVATIONS)
0 10 20
SCALE: 1" = 10'

NOTE: WORK THIS SHEET WITH SHEET 19

MODEL: 3/20/2015
FILE: 1/20/2015

VEENSTRA & KIMM INC.
Springfield, IL Phone: (217)544-8033
IL Design Firm No. 184-001939

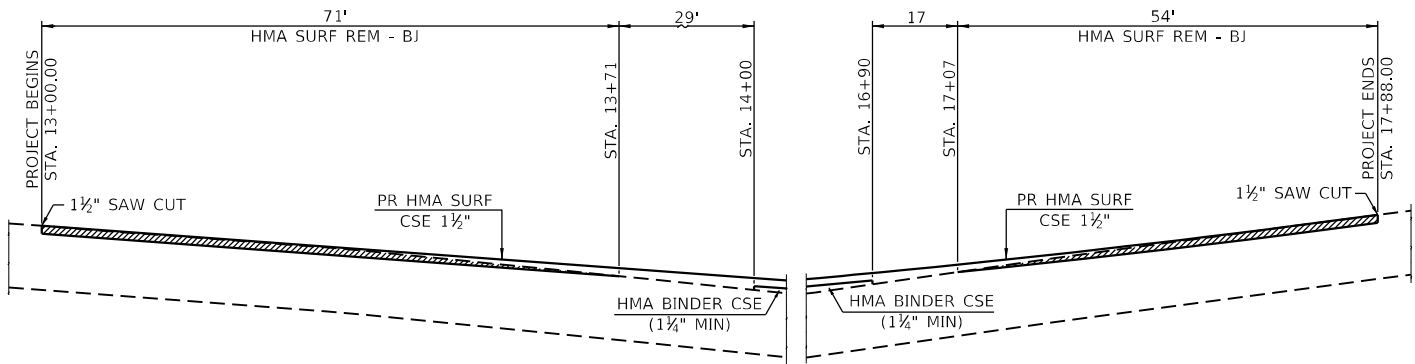
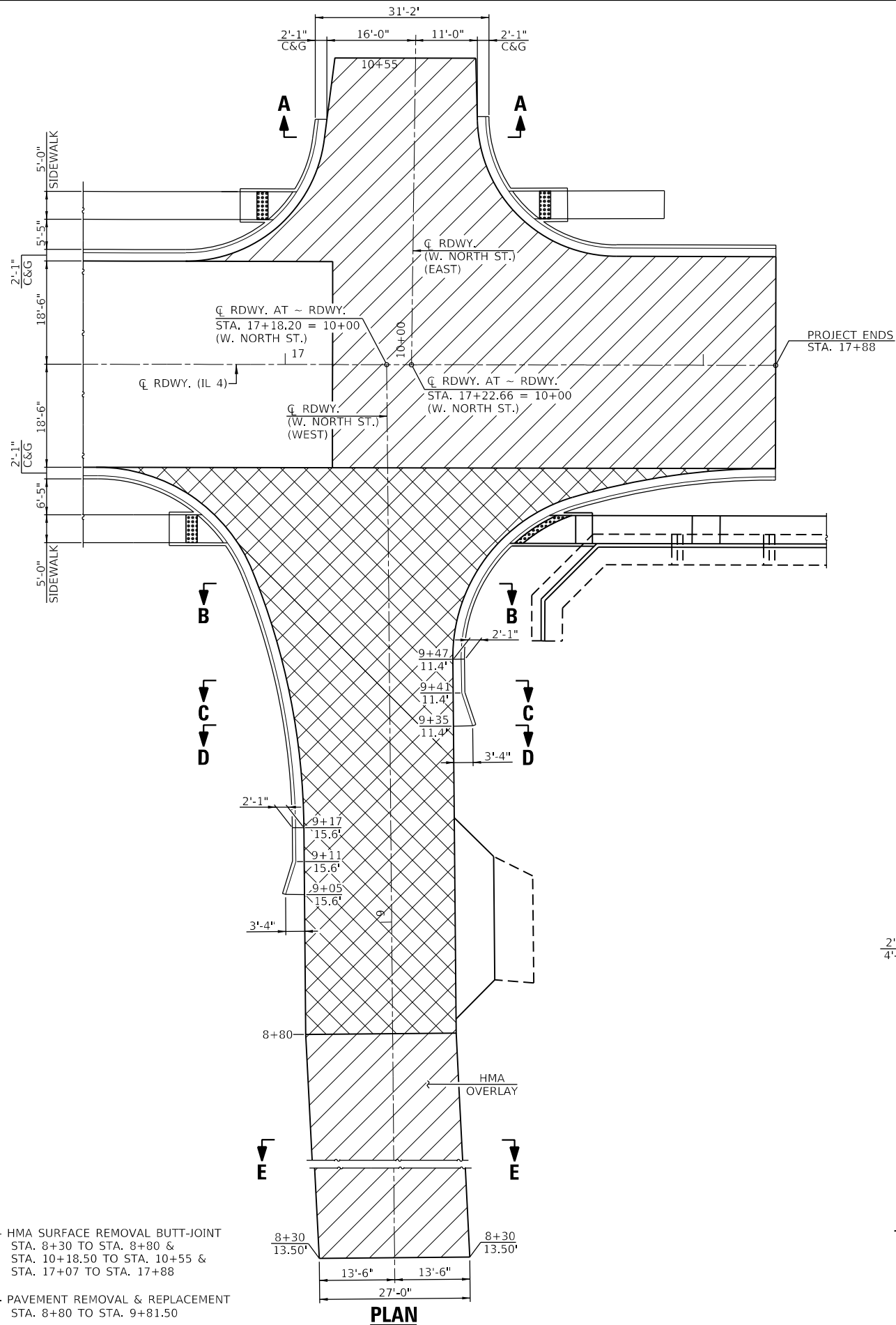
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 4 AND NORTH STREET DETAILS

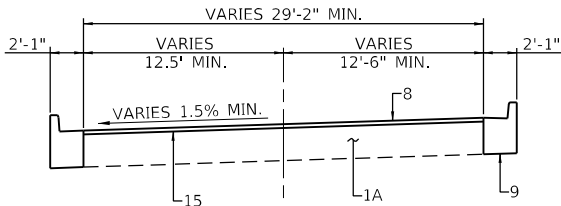
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	19
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



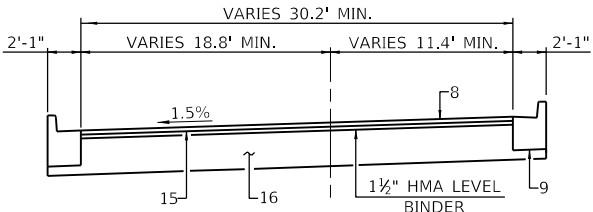
BUTT JOINT DETAIL

BUTT JOINT DETAIL



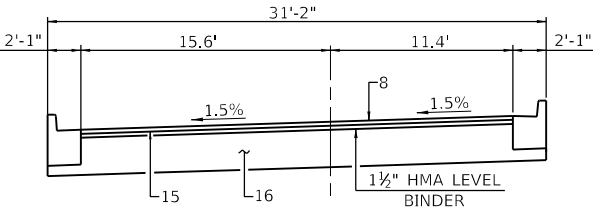
SECTION A-A

STA. 10+18.5 TO STA. 10+45



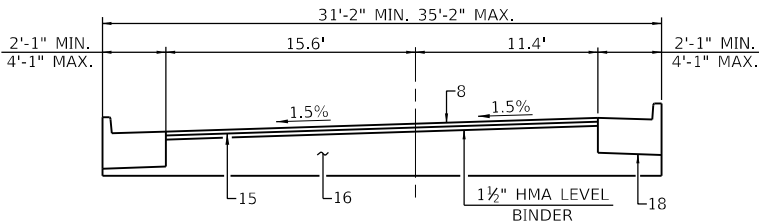
SECTION B-B

STA. 9+45 TO STA. 9+81.50



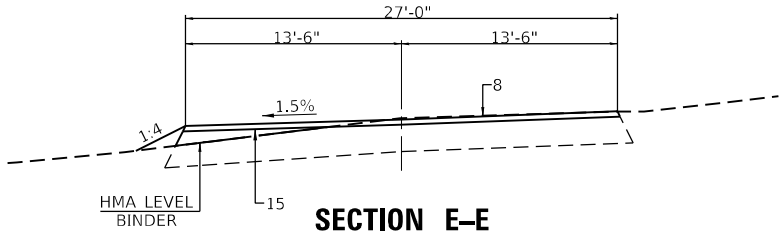
SECTION C-C

STA. 9+39 TO STA. 9+45



SECTION D-D

STA. 9+33 TO STA. 9+39



SECTION E-E

STA. 8+30 TO STA. 8+80

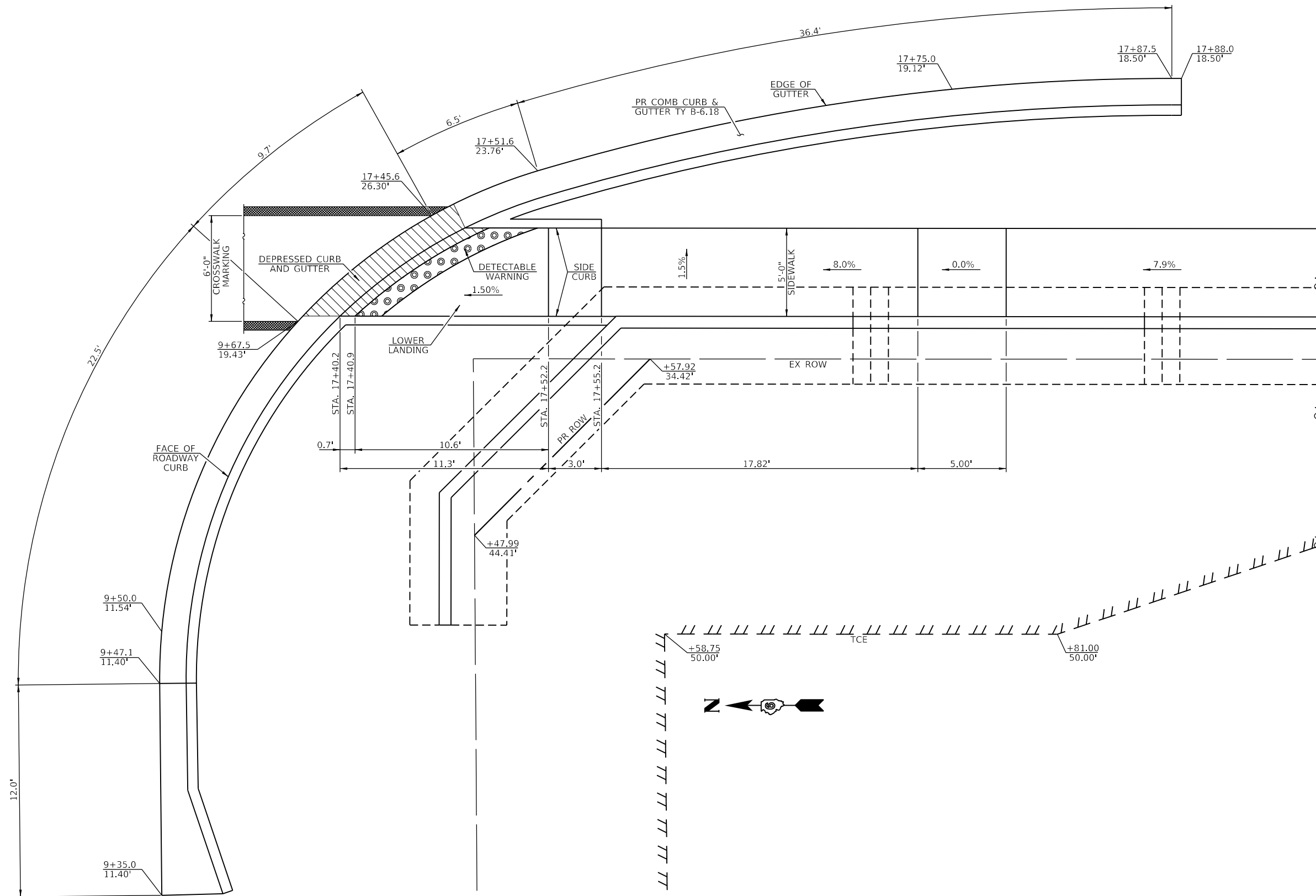
PAVEMENT LEGEND

- EX CONC PVMT (9")
- EX AGG BASE
- EX PCC WIDENING (9")
- EX HMA SURF
- EX LEVELING BINDER (3/4")
- EX HMA SURF CRSE (1 1/2")
- EX COMB CONC C&G TY B-6.12
- PR HMA BINDER IL-9.5FG, N50 (VAR, DEPTH)
- PR HMA SURF COURSE, IL-9.5, N50 1 1/2"
- PR COMB CONC C & G TY B-6.18
- PR CONC SIDEWALK (4")
- PR CHAINLINK FENCE, 8'
- PR TEMP PVMT MRK - LINE 5"
- PR PVMT MRK - LINE 5"
- PR POROUS GRANULAR EMBANKMENT
- PR BIT MATERIALS (TACK COAT)
- PR AGG BASE COURSE TYPE A 8"
- PR CONC CURB TRANSITION
- PR CLASS SI CONC OUTLET (SPECIAL)
- PR AGG FOR TEMPORARY ACCESS 4"

NOTE: WORK THIS SHEET WITH SHEET 18

USER NAME = \$USERS	DESIGNED -	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	20
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



MODEL: 3/10/2018
FILE: 184-001939

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IL. Design Firm No. 184-001939

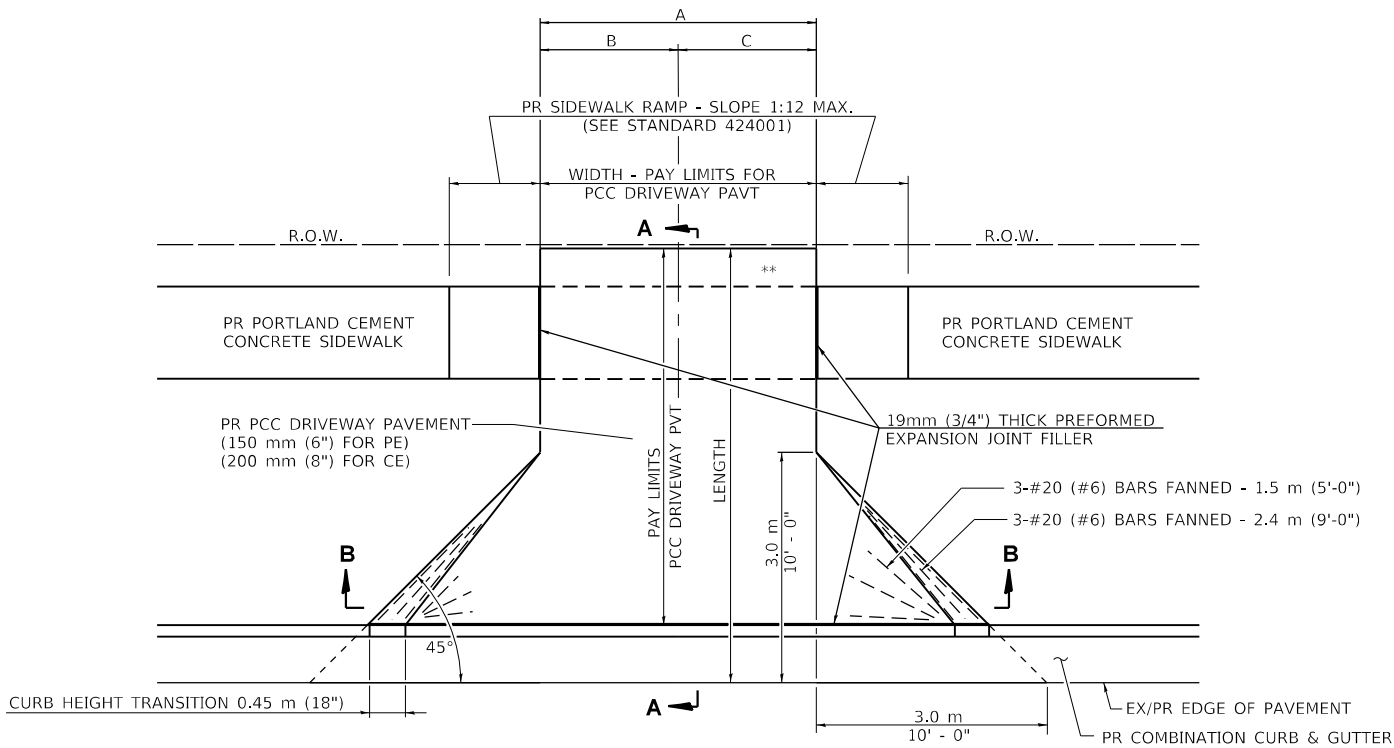
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

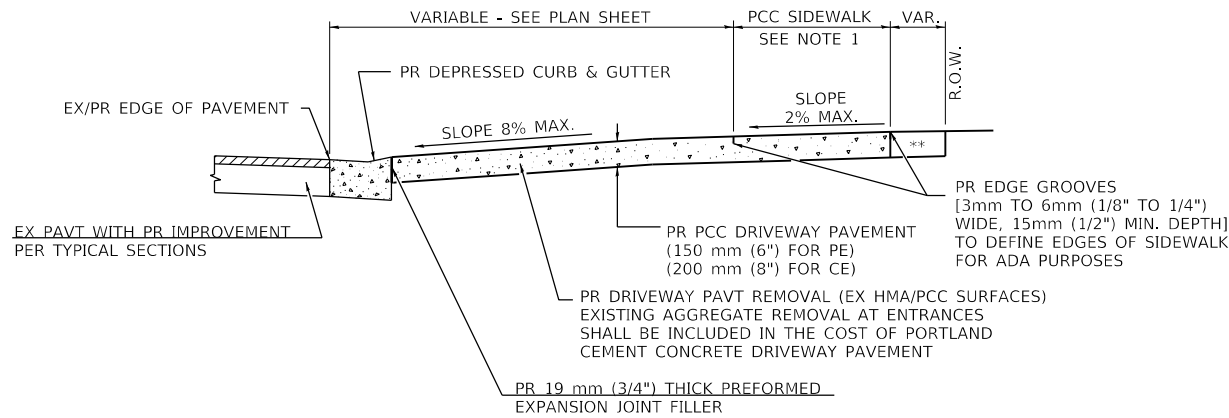
CURB RAMP DETAILS

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

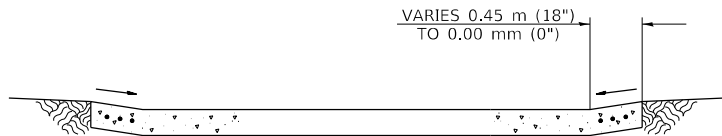
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	23
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



PLAN - PE & CE



SECTION A - A



SECTION B - B

NOTES:

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

** MATCH IN KIND BEHIND SIDEWALK
FOR EX EARTH OR AGGREGATE SURFACES :
PR AGGREGATE BASE COURSE, TYPE B 150mm (6") - PE/FE
PR PCC DRIVEWAY PAVT. 200mm (8") - CE

FOR EX BITUMINOUS CONC. SURFACES :
PR BITUMINOUS CONCRETE 150mm (6") - PE
PR BITUMINOUS CONCRETE 200mm (8") - CE

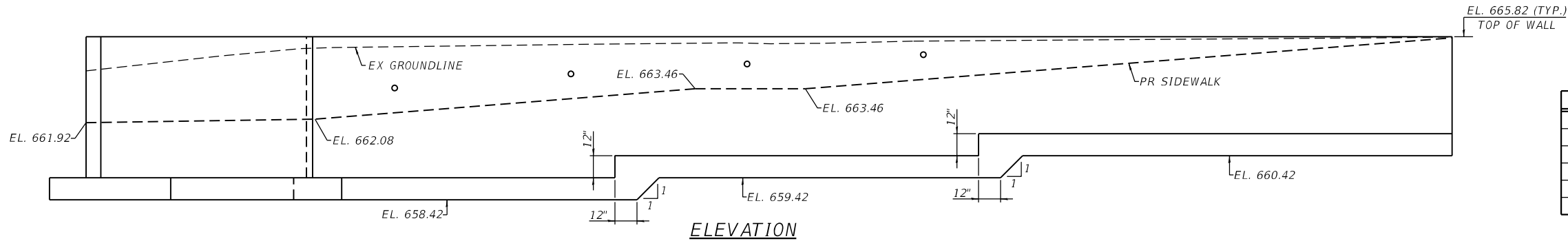
FOR EX PCC SURFACES :
PR PCC DRIVEWAY PAVT. 150mm (6") - PE
PR PCC DRIVEWAY PAVT. 200mm (8") - CE

* NOTE : IN AREAS WITH NO SIDEWALK,
MATCH IN KIND BEHIND 3.0 (10') FLARE

LOCATION	A	B	C
P.E. STA. 13+76.9 LT.	18'	9'	9'
P.E. STA. 13+99.5 RT.	24'	12'	12'
P.E. STA. 14+61.5 RT.	52'	43'	9'
P.E. STA. 15+44.5 LT.	12'	6'	6'
C.E. STA. 16+42 LT.	35'	17.5'	17.5'

USER NAME = \$USERS\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES\$	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	24
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



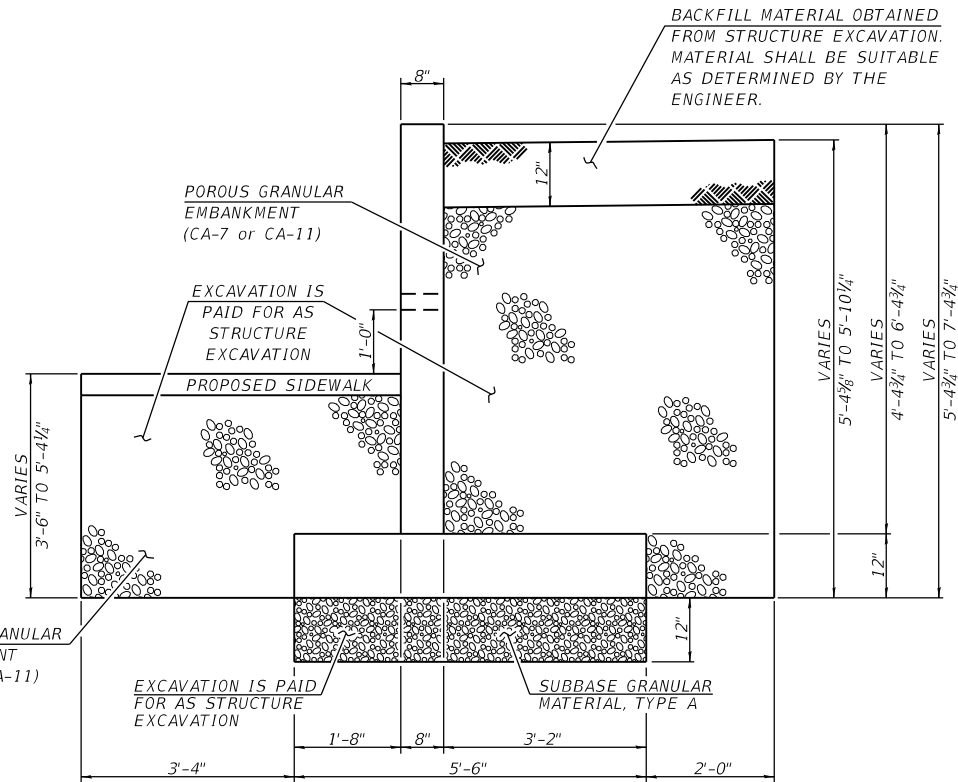
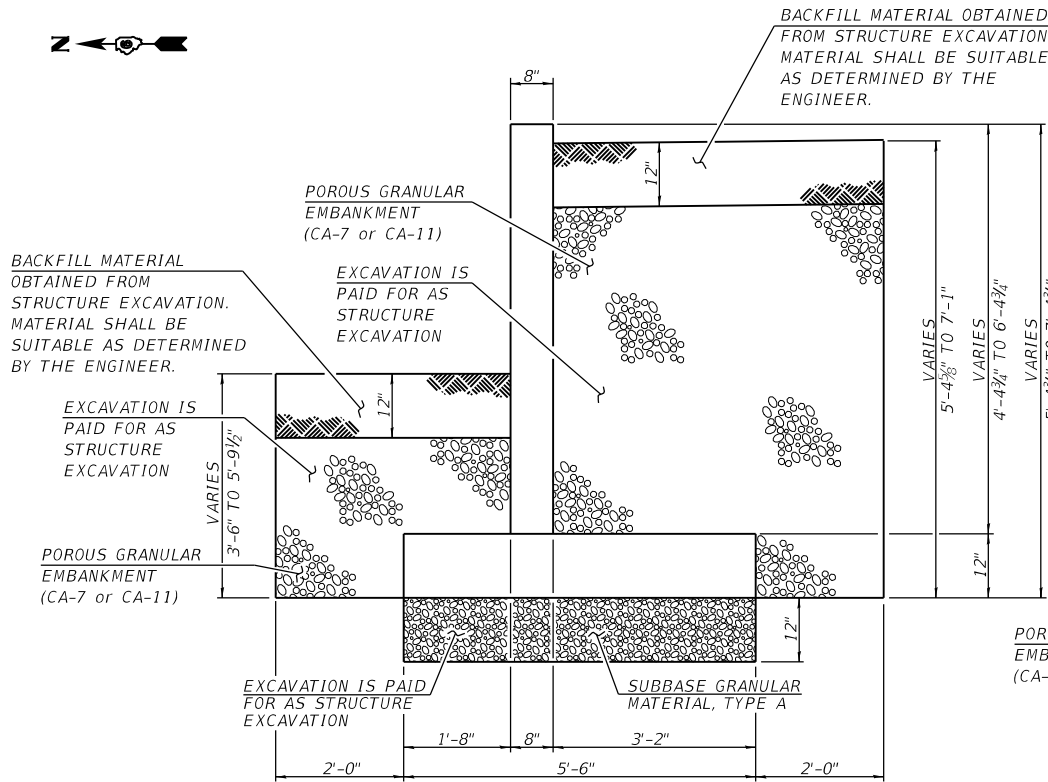
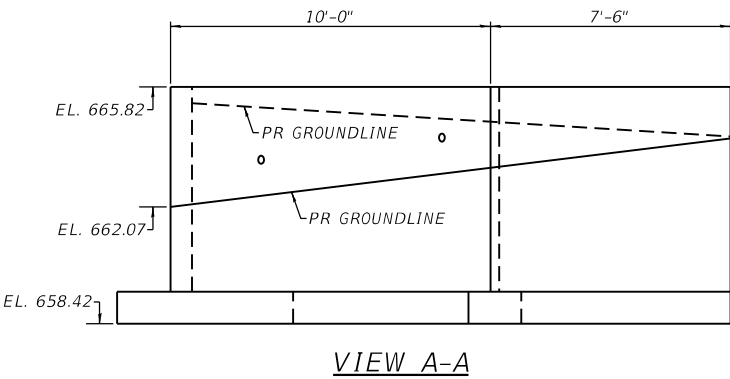
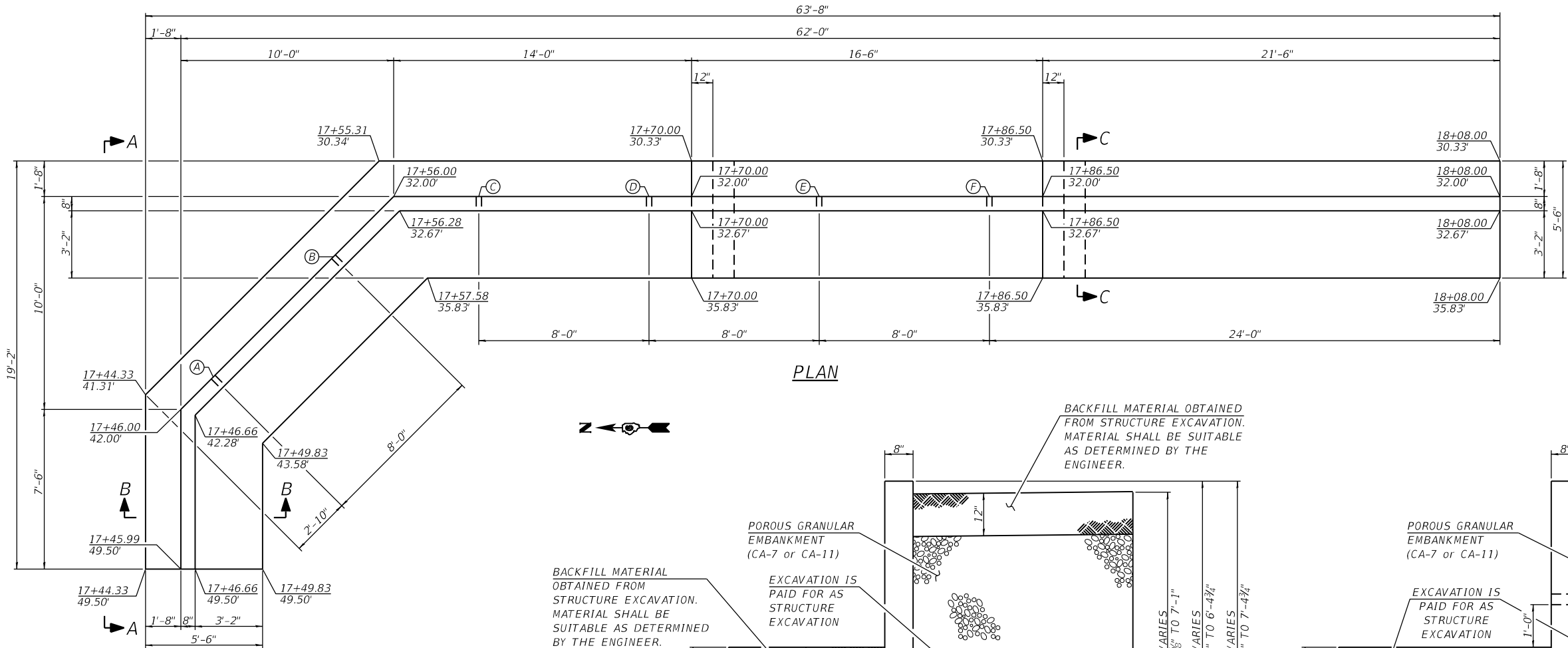
3" Ø WEEP HOLE SCHEDULE	
WEEP HOLE DESIGNATION	INVERT ELEVATION
A	664.11
B	663.42
C	663.37
D	664.01
E	664.46
F	664.88

DESIGN SPECIFICATIONS
2024 AASHTO LRFD BRIDGE DESIGN
SPECIFICATIONS, 10TH EDITION

DESIGN STRESSES
F'C = 3,500 PSI (CONCRETE)
FY = 60,000 PSI (REINFORCEMENT)

GENERAL NOTES

- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- OFFSETS ARE MEASURED FROM THE CENTERLINE OF FAP 662 (IL RTE 4)
- THE HEIGHT OF THE BACKFILL BEHIND THE WALL SHALL NOT EXCEED THE HEIGHT OF THE BACKFILL IN FRONT OF THE WALL UNTIL ALL OF THE BACKFILL IN FRONT OF THE WALL IS COMPLETED.



MODEL: 3/20/2024
FILE: 10/15/2024

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IL. Design Firm No. 184-001939

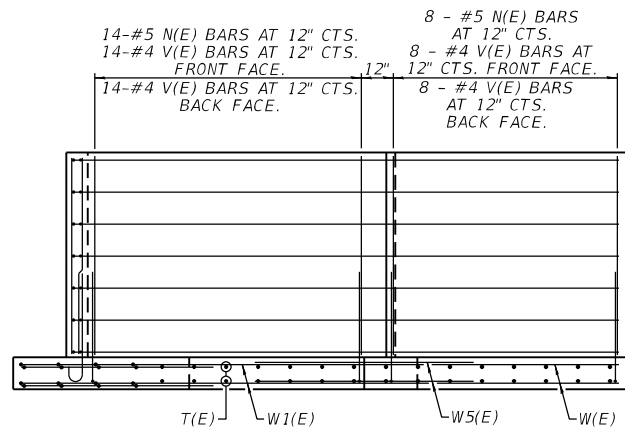
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

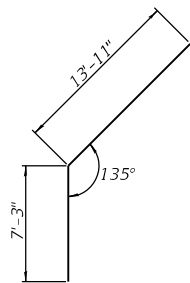
WALL DETAILS

SCALE: VARIES SHEET 1 OF 2 SHEETS STA. TO STA.

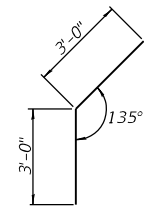
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	25
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



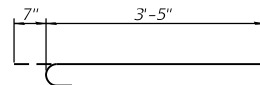
SECTION A-A



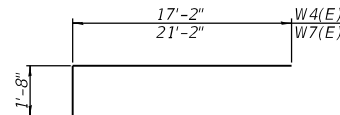
BAR H(E)



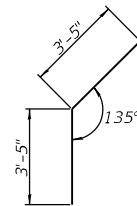
BAR H1(E)



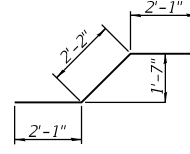
BAR N(E)



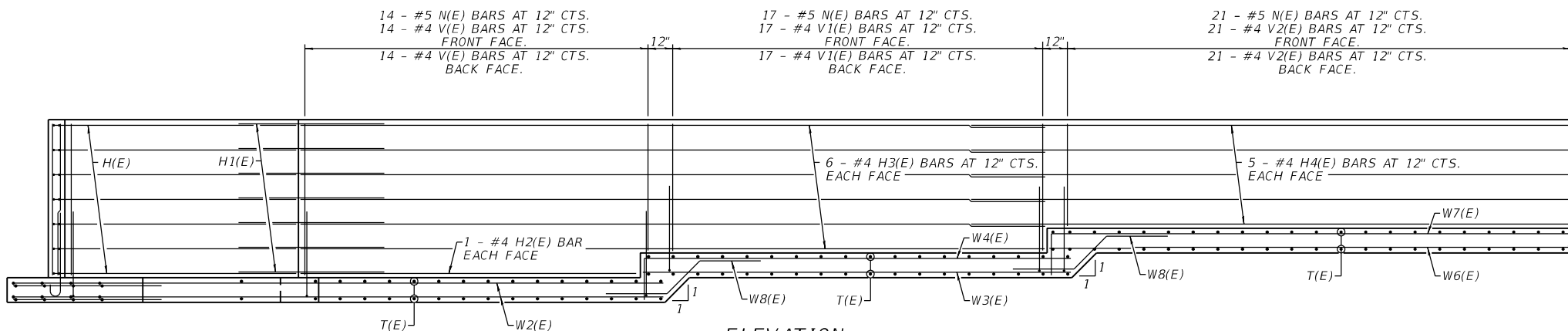
BAR W4(E) & W7(E)



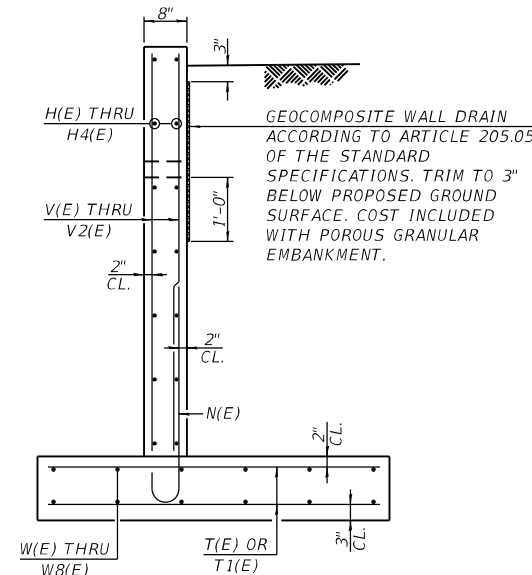
BAR W5(E)



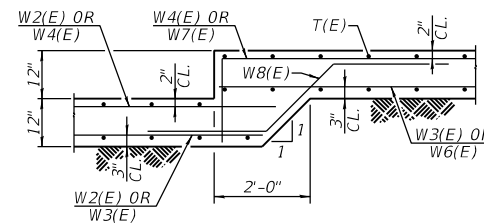
BAR W8(E)



ELEVATION



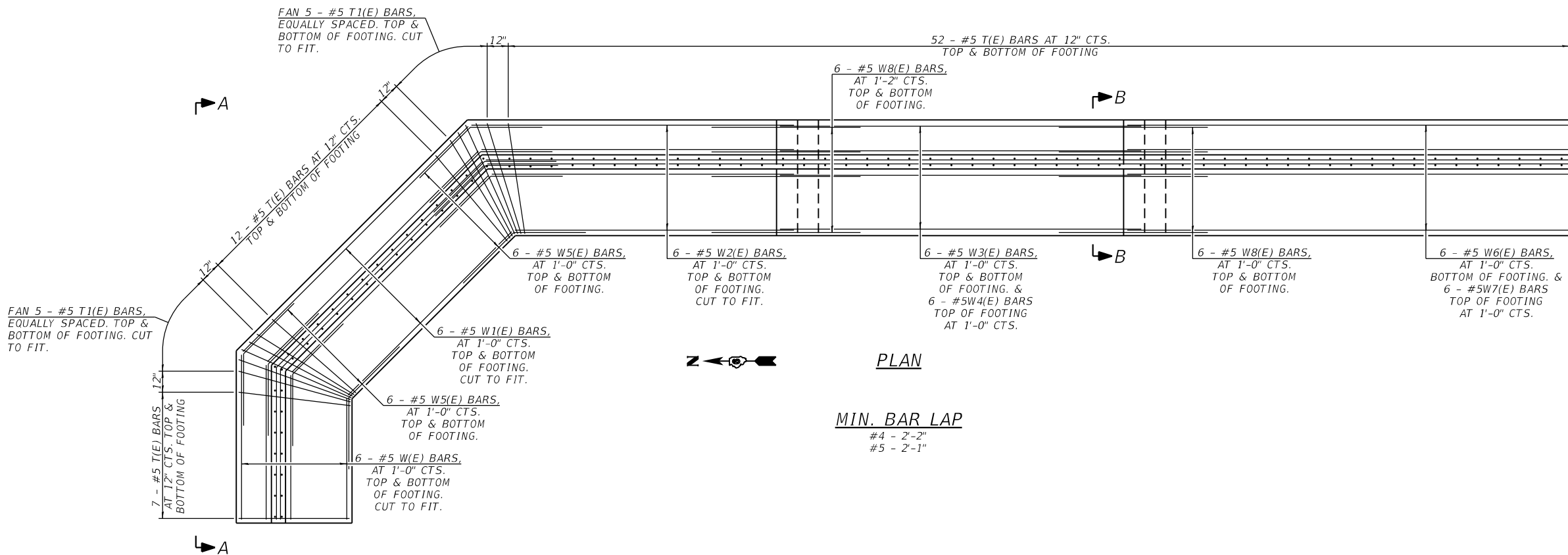
SECTION B-B



FOOTING STEP DETAIL

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
H(E)	14	#4	21'-2"	
H1(E)	14	#4	6'-0"	
H2(E)	2	#4	13'-8"	
H3(E)	12	#4	30'-2"	
H4(E)	10	#4	24'-7"	
N(E)	74	#5	4'-0"	
T(E)	140	#5	5'-2"	
T1(E)	20	#5	5'-5"	
V(E)	72	#4	6'-2"	
V1(E)	34	#4	5'-2"	
V2(E)	42	#4	4'-2"	
W(E)	12	#5	7'-10"	
W1(E)	12	#5	15'-2"	
W2(E)	12	#5	15'-4"	
W3(E)	6	#5	17'-2"	
W4(E)	6	#5	18'-10"	
W5(E)	12	#5	6'-10"	
W6(E)	6	#5	21'-2"	
W7(E)	6	#5	22'-10"	
W8(E)	12	#5	6'-4"	
POROUS GRANULAR EMBANKMENT			CU. YD.	116
SUBBASE GRANULAR MATERIAL, TYPE A			TON	30
STRUCTURE EXCAVATION			CU. YD.	200
REINFORCEMENT BARS, EPOXY COATED			POUND	3,530
CONCRETE STRUCTURES (RETAINING WALL)			CU. YD.	25.8

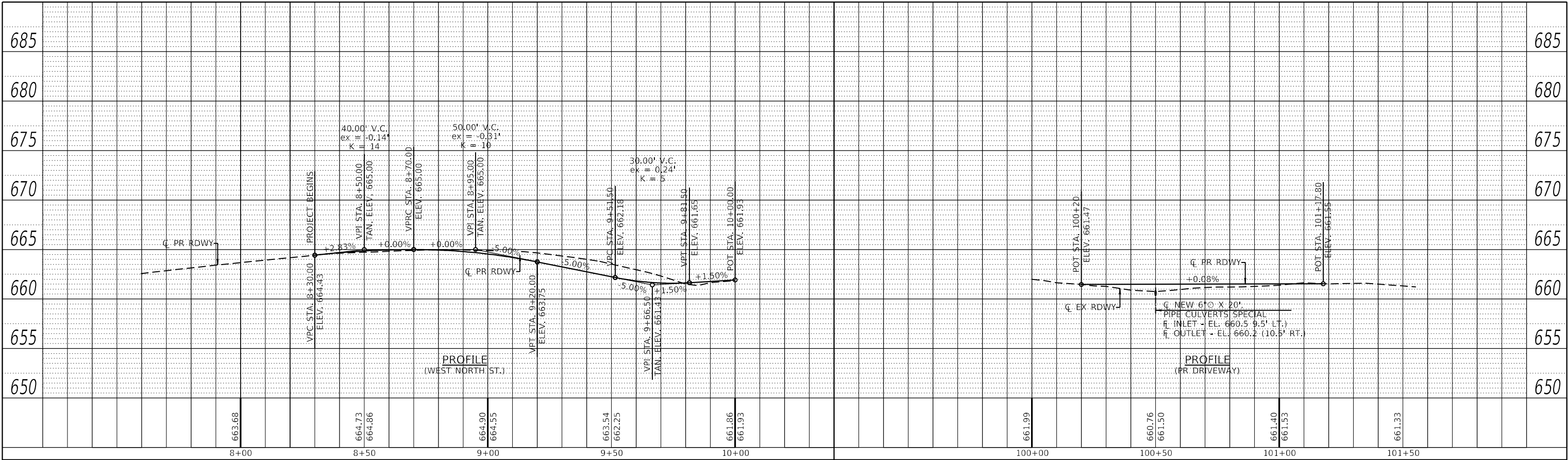


PLAN

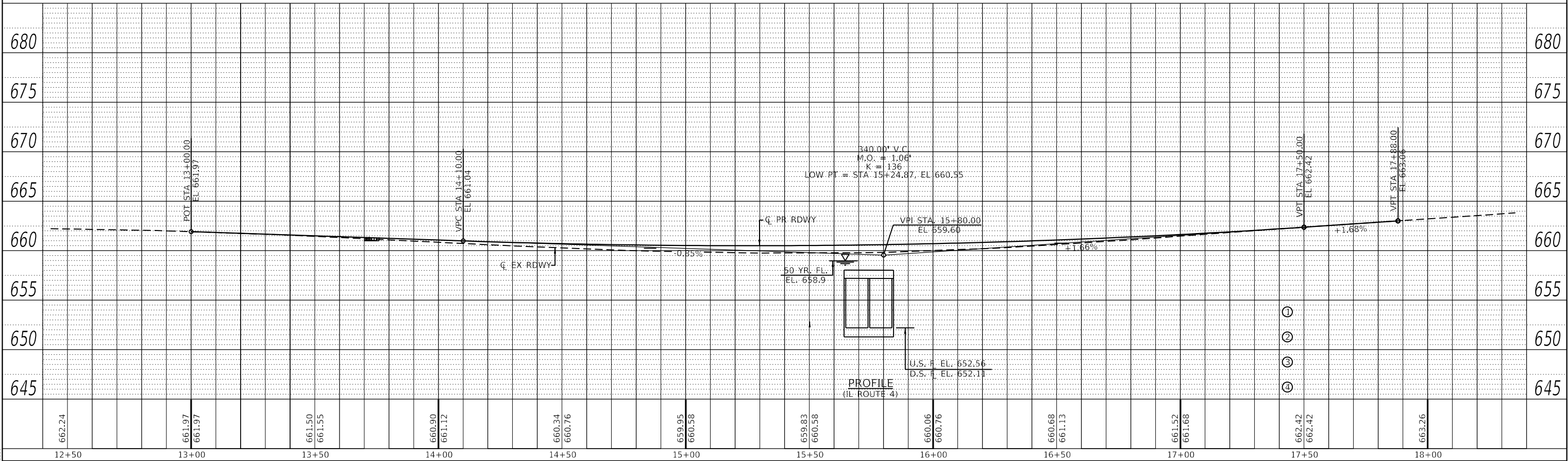
MIN. BAR LAP

#4 - 2'-2"
#5 - 2'-1"

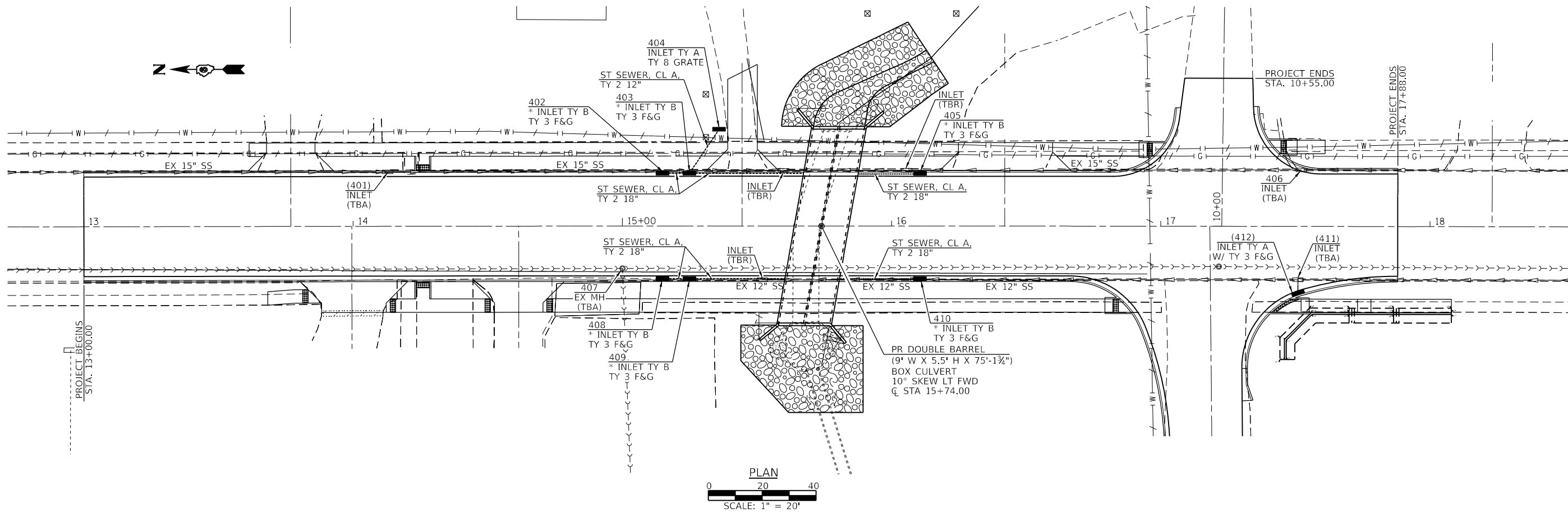
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	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		



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



MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$



MODEL: 001
FILE NAME: Z:\2011 Jobs\DOT\01-00681 IDOT D-6 WC-2 PE 1 IL 4 over Drainage Ditch in Grant\CAOD Sheets\0672C80-shedrain.dgn



**VEENSTRA
& KIMM INC.**
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

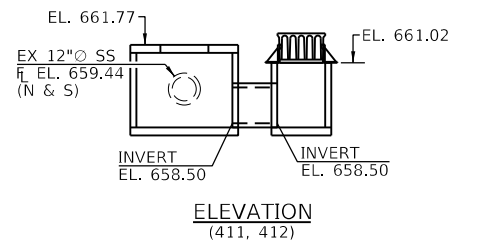
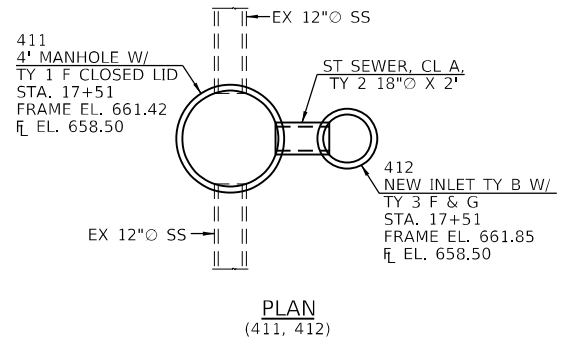
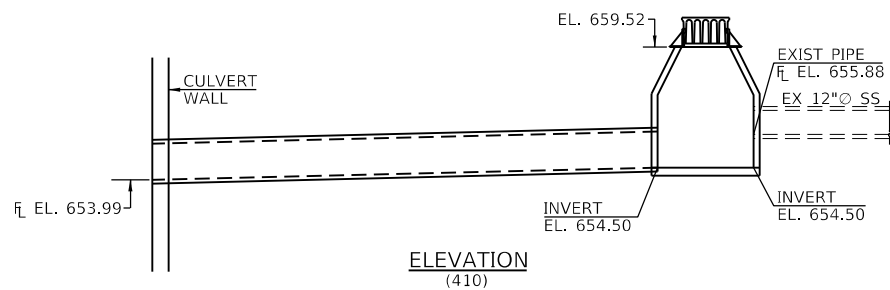
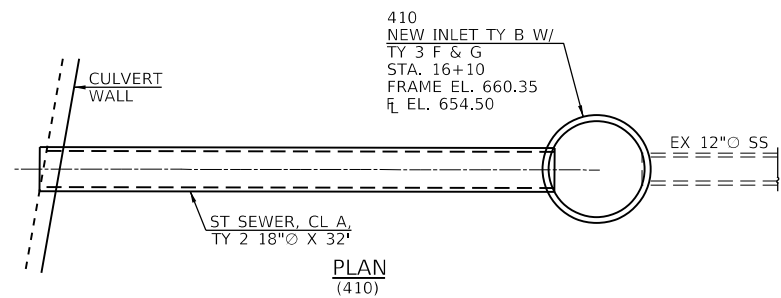
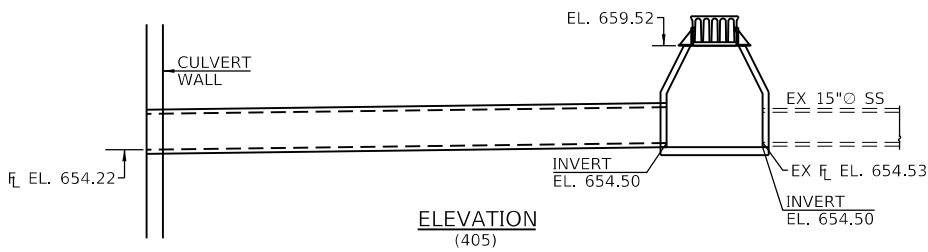
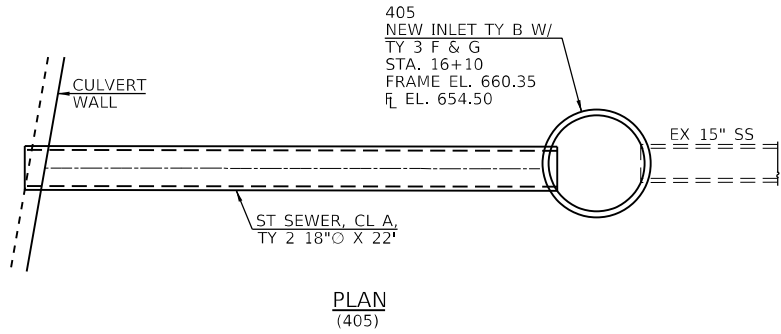
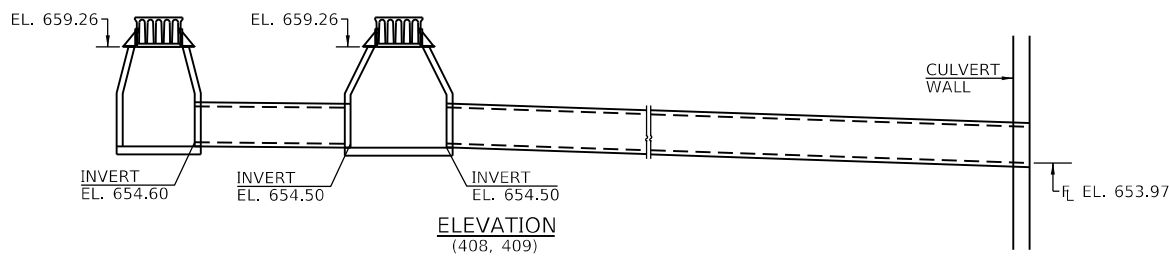
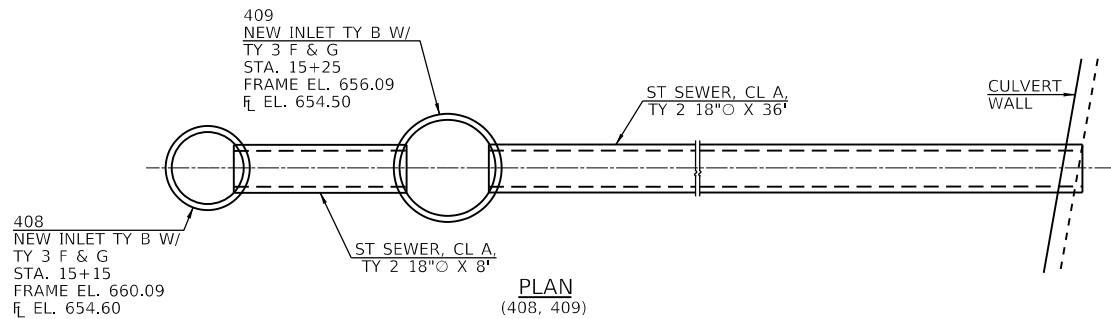
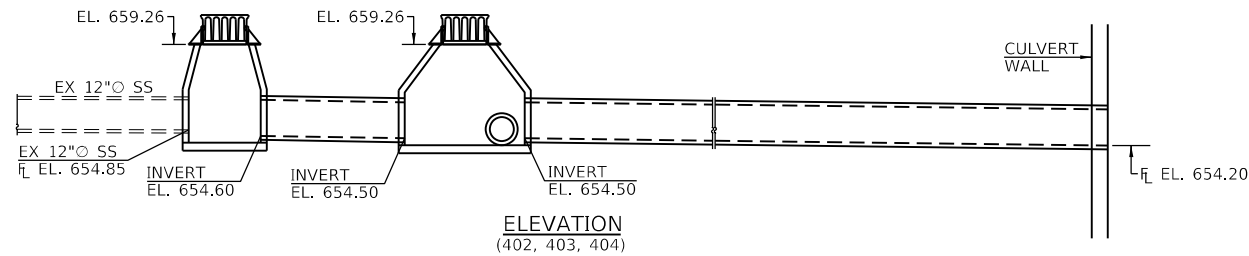
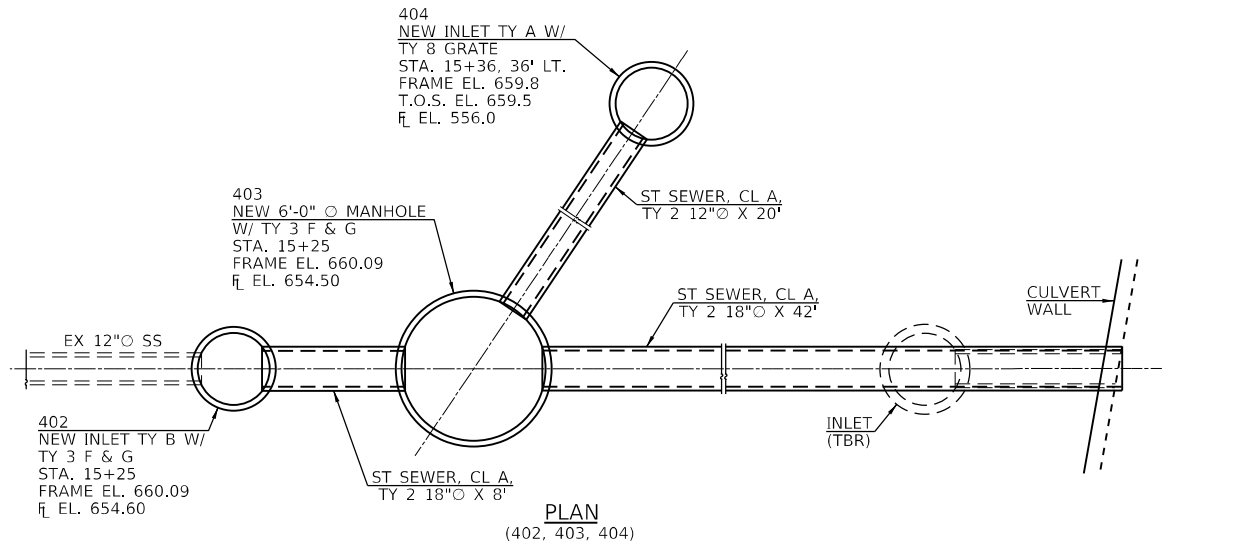
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PLOT DATE = 7/11/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN

SCALE: VARIES SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	29
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



MODEL: 3/20/2015
FILE: 3/20/2015

VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

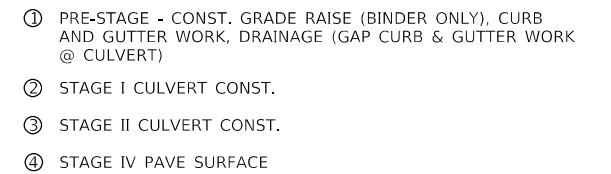
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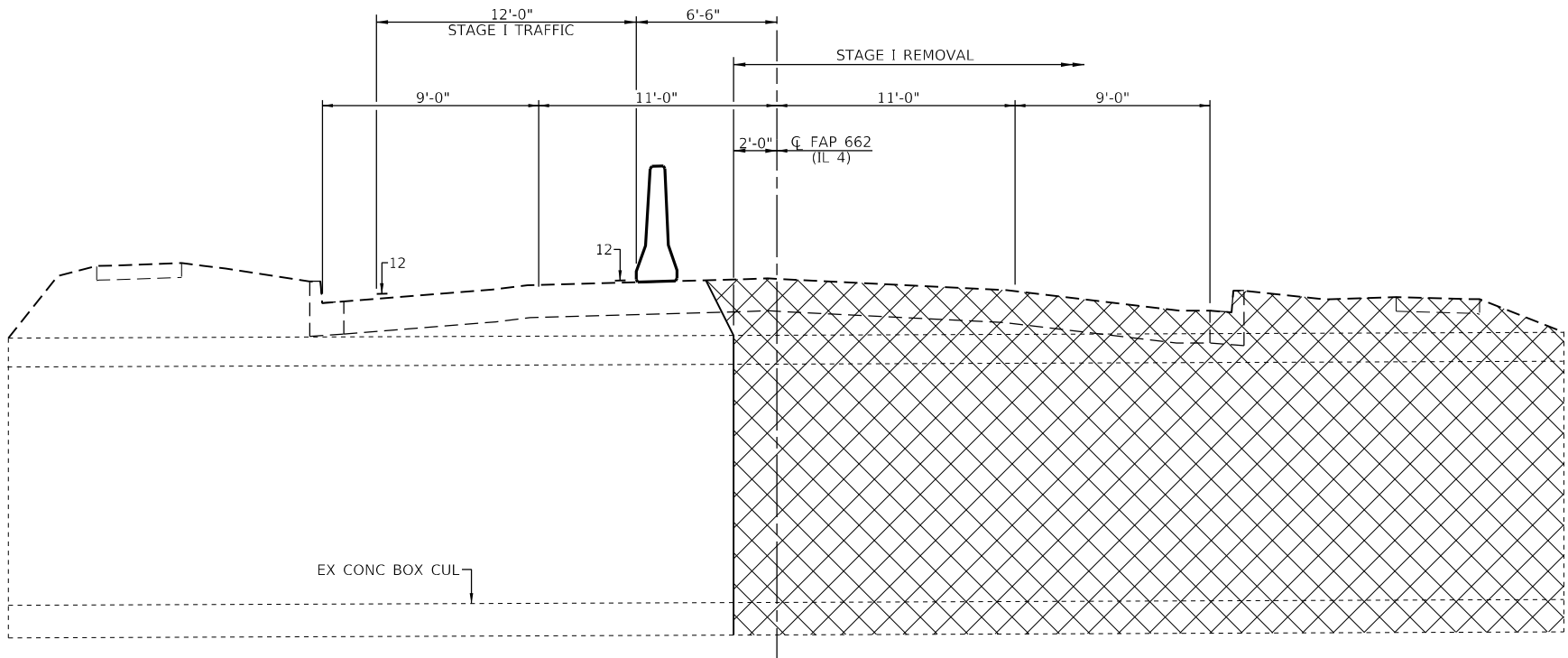
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE DETAILS

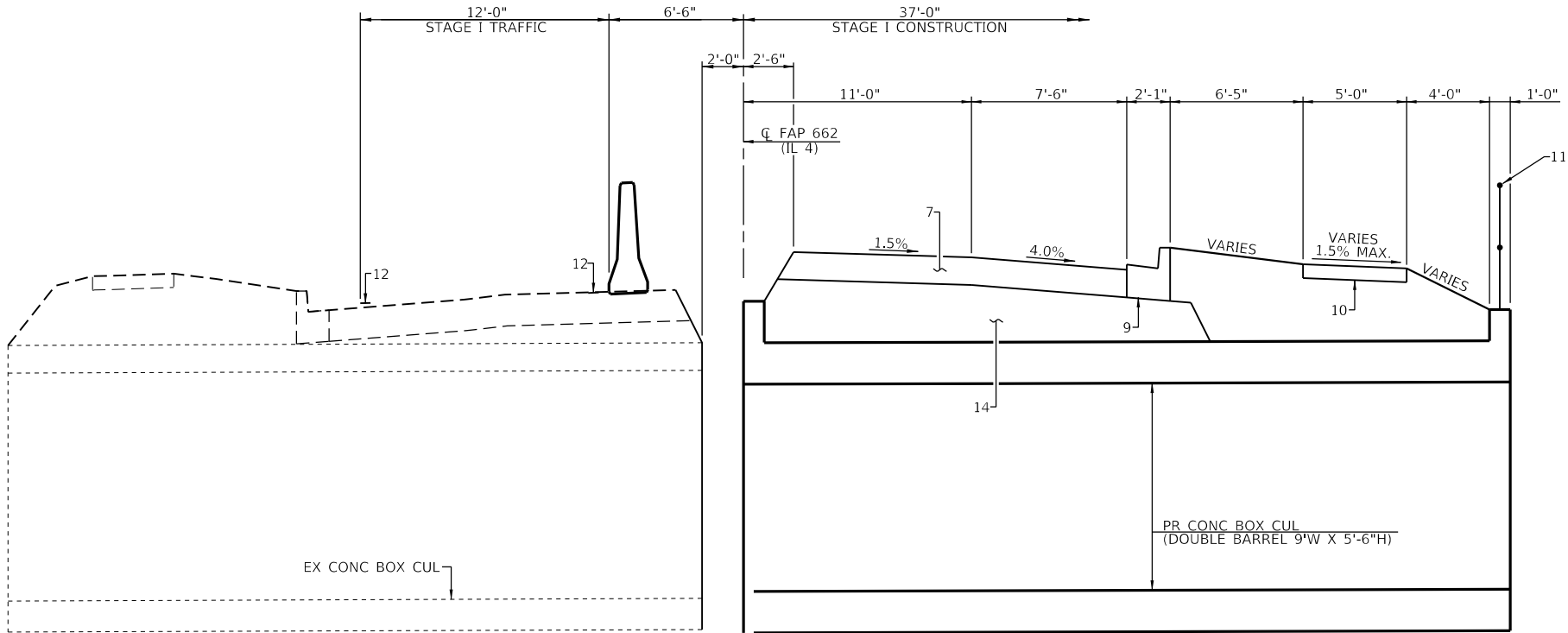
SCALE: 1" = 4' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	30
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				





STAGE I REMOVAL
(LOOKING SOUTH)



STAGE I CONSTRUCTION
(LOOKING SOUTH)

PAVEMENT LEGEND

1. EX CONC PVMT (9")
- 1A. EX AGG BASE
2. EX PCC WIDENING (9")
3. EX HMA SURF
4. EX LEVELING BINDER ($\frac{3}{4}$ ")
5. EX HMA SURF CRSE ($1\frac{1}{2}$ ")
6. EX COMB CONC C&G TY B-6.12
7. PR BINDER COURSE
8. PR HMA SURF COURSE, $1\frac{1}{2}$ "
9. PR COMB CONC C & G TY 8-6.18
10. PR CONC SIDEWALK (4")
11. PR CHAINLINK FENCE, 8'
12. PR TEMP PVMT MRK
13. PR PVMT MRK - LINE 5"
14. PR GRANULAR CULVERT BACKFILL MATERIAL
15. PR BIT MATERIALS (TACK COAT)
16. PR AGG BASE COURSE TYPE A 8"
17. PR CONC CURB TRANSITION
18. PR CLASS SI CONC OUTLET (SPECIAL)
19. PR AGG FOR TEMPORARY ACCESS 4"

MODEL: 3/20/2015
FILE: 1/20/2015

VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

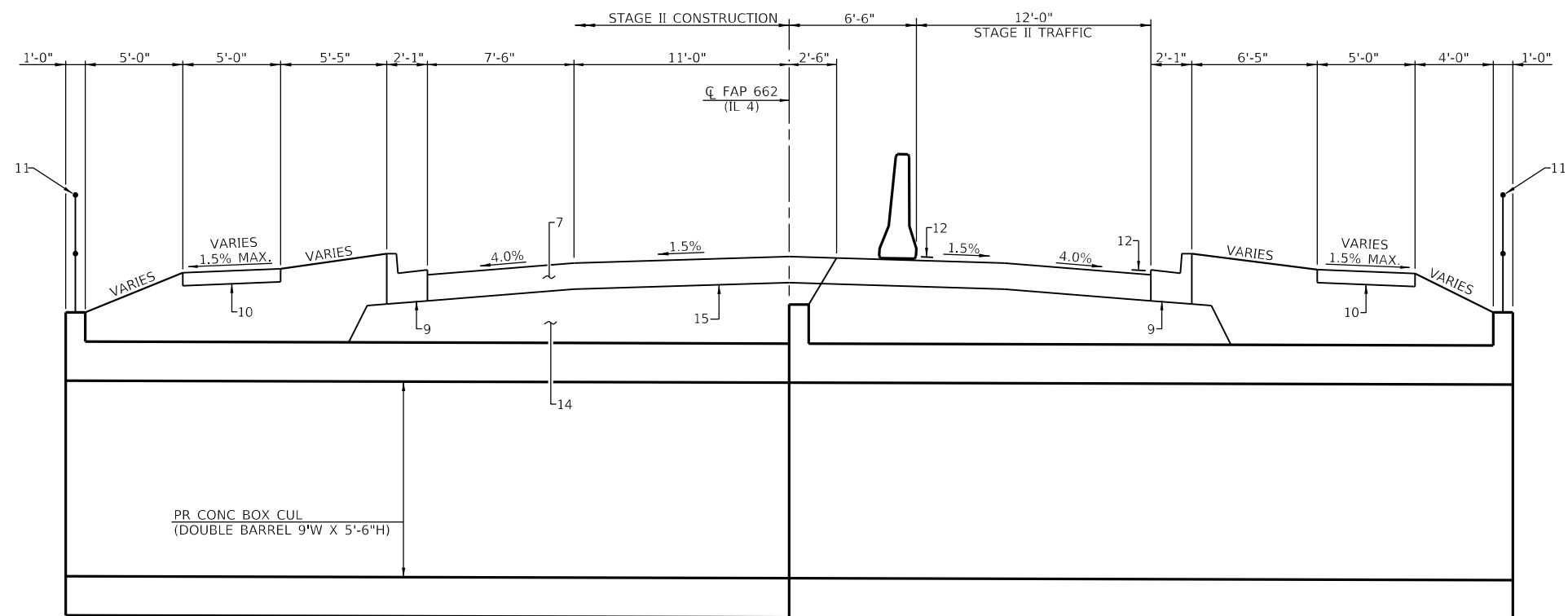
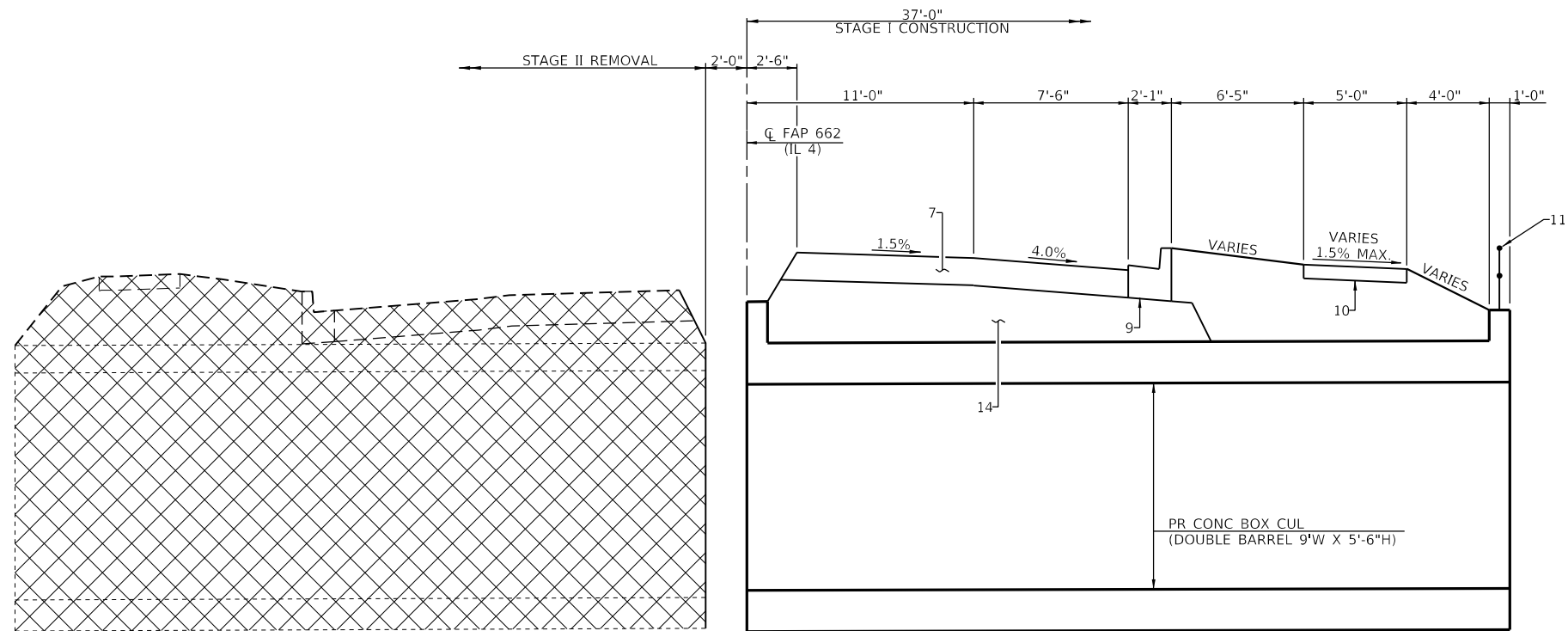
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	DATE -	REVISED -

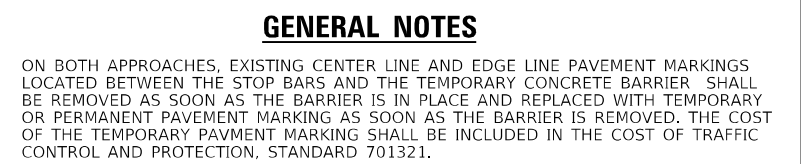
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE CONSTRUCTION TRAFFIC DETAILS

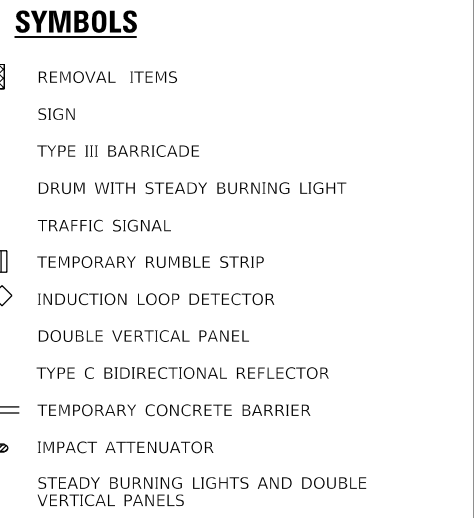
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

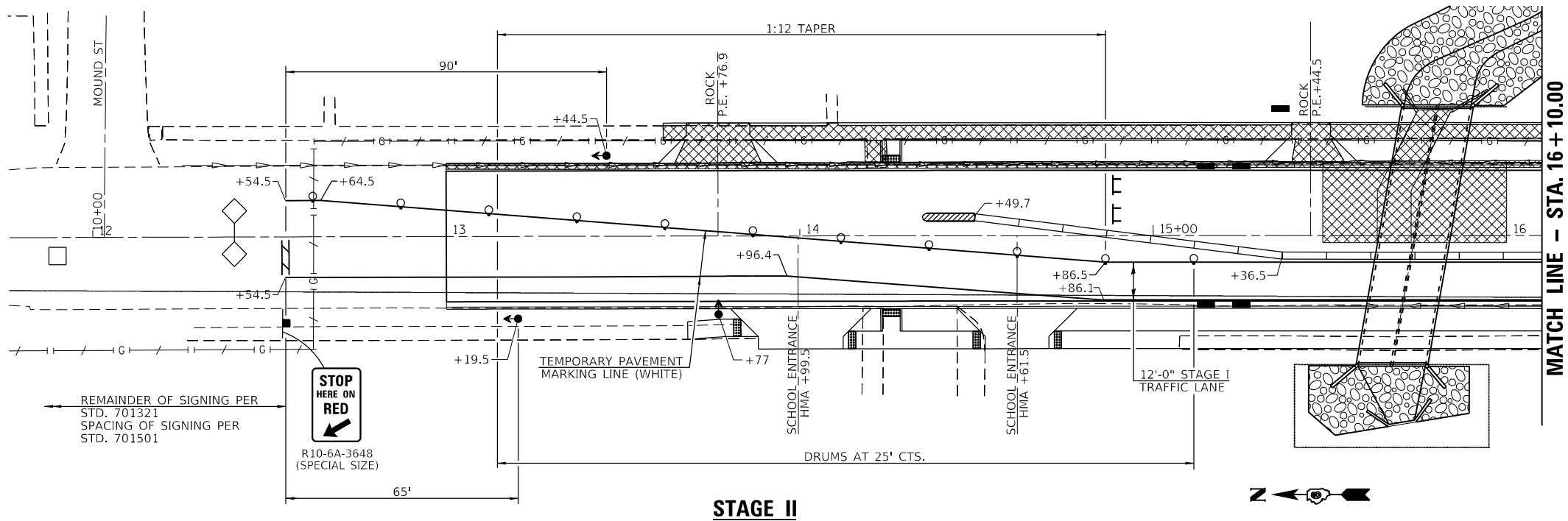
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW		64	32
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				





SEQUENCE OF OPERATION													
Movement	Interval	1	2	3	4	5	6	7	8	9	10	11	12
Northbound		G	Y	R	R	R	R	R	R	R	R	R	R
Southbound		R	R	R	G	Y	R	R	R	R	R	R	R
Westbound								G	Y	R	R	R	R
PE Sta. 13+76.9 LT.								R	R	R	G	Y	R
Detectors		D1	D2		D3	D4		D5	D6		D7	D8	





STAGE II

SUGGESTED STAGING SEQUENCE

PRE-STAGE I

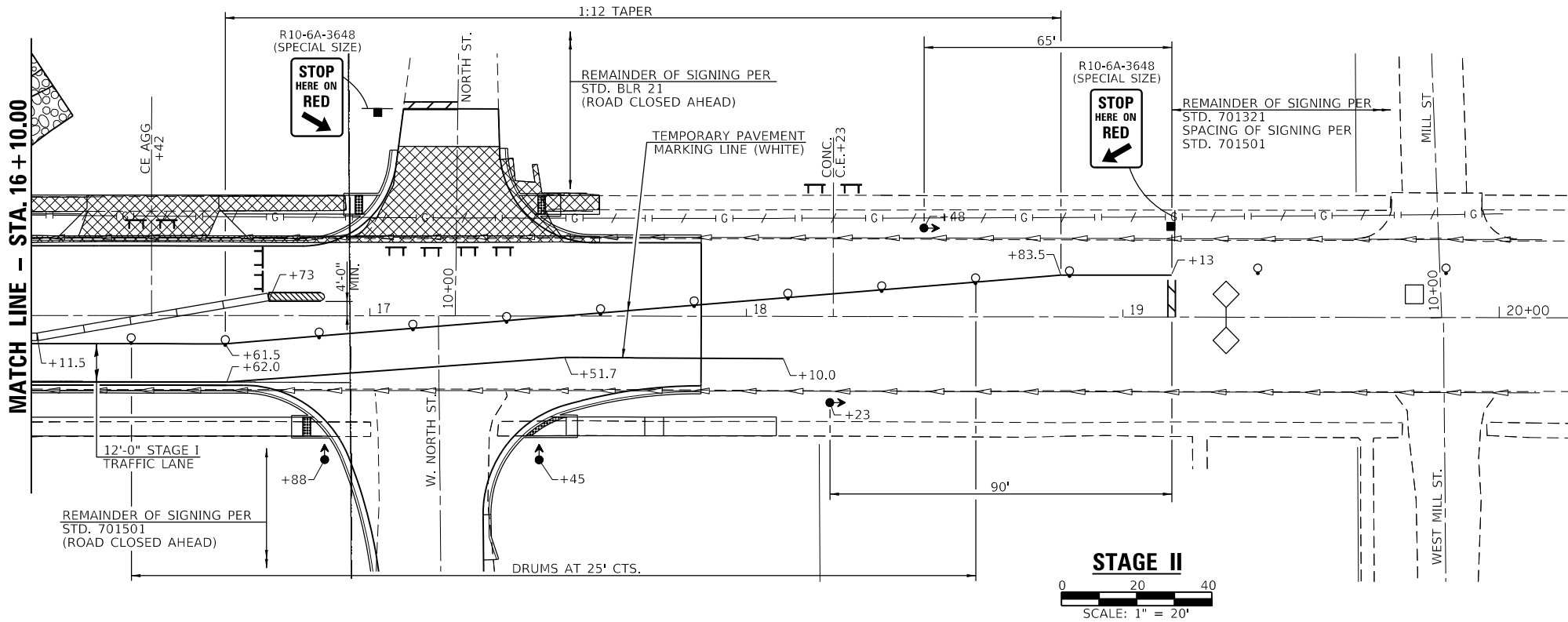
1. ERECT TRAFFIC CONTROL FOR STAGE I INCLUDING WIDTH RESTRICTION SIGNING.

STAGE I

1. INSTALL TEMPORARY CONCRETE BARRIER AND ATTENUATORS STA. 14+24.1 TO STA. 17+23.9 RT. INSTALL TEMPORARY STRIPING AND TEMPORARY SOIL RETENTION SYSTEM.
2. REMOVE PAVEMENT AND EXISTING STRUCTURE LT. ~ STA. 15+74. REMOVE CURB AND GUTTER, SIDEWALK AND DRIVEWAY PAVEMENT.
3. CONSTRUCT PROPOSED STAGE I STRUCTURE AND INSTALL STONE DUMPED RIPRAP.
4. ADJUST MANHOLES, INSTALL NEW STORM SEWER, CURB AND GUTTER, SIDEWALK AND CONCRETE DRIVEWAY PAVEMENT.
5. MILL EACH END OF PROJECT AND WEST NORTH STREET.
6. CONSTRUCT PROPOSED HMA BINDER STA. 13+71 TO STA. 17+07.

STAGE II

1. RELOCATE EXISTING TEMPORARY CONCRETE BARRIER AND ATTENUATORS STA. 14+24.1 TO STA. 16+98.6 LT. AND INSTALL TEMPORARY STRIPING.
2. REMOVE PAVEMENT AND EXISTING STRUCTURE RT. ~ STA. 15+74. REMOVE CURB AND GUTTER SIDEWALK AND DRIVEWAY PAVEMENT. REMOVE PAVEMENT AT WEST NORTH STREET RT. MILL EACH END OF PROJECT AND WEST NORTH STREET.
3. CONSTRUCT PROPOSED STAGE II STRUCTURE AND INSTALL STONE DUMPED RIPRAP.
4. ADJUST MANHOLES, INSTALL NEW STORM SEWER, CURB AND GUTTER, SIDEWALK AND CONCRETE DRIVEWAY PAVEMENT. INSTALL NEW AGGREGATE BASE COURSE AT WEST NORTH STREET RT.
5. CONSTRUCT PROPOSED HMA BINDER STA. 13+71 TO STA. 17+07.
6. INSTALL HMA SURFACE COURSE STA. 13+00 TO STA. 17+88 AND ON WEST NORTH STREET.
7. SEEDING AND CLEANUP.



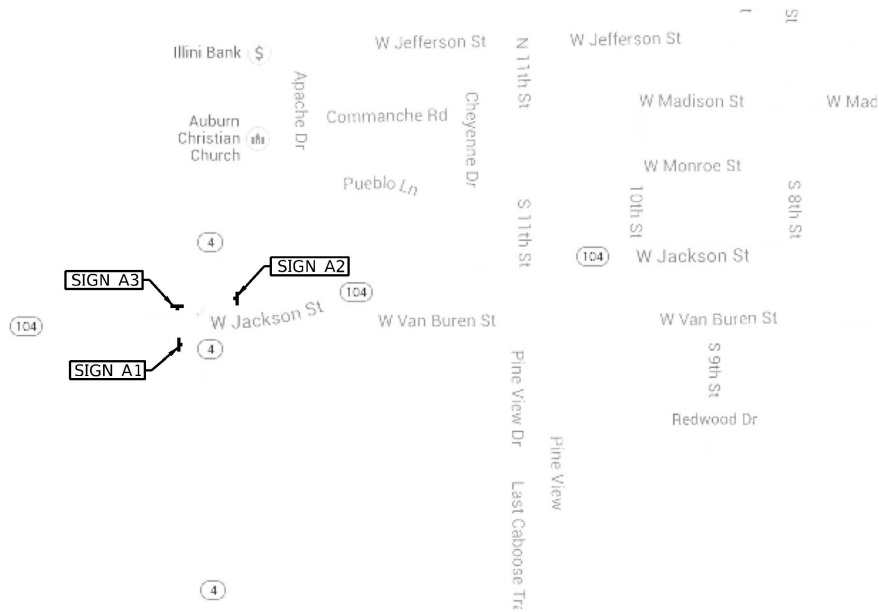
STAGE II

SYMBOLS

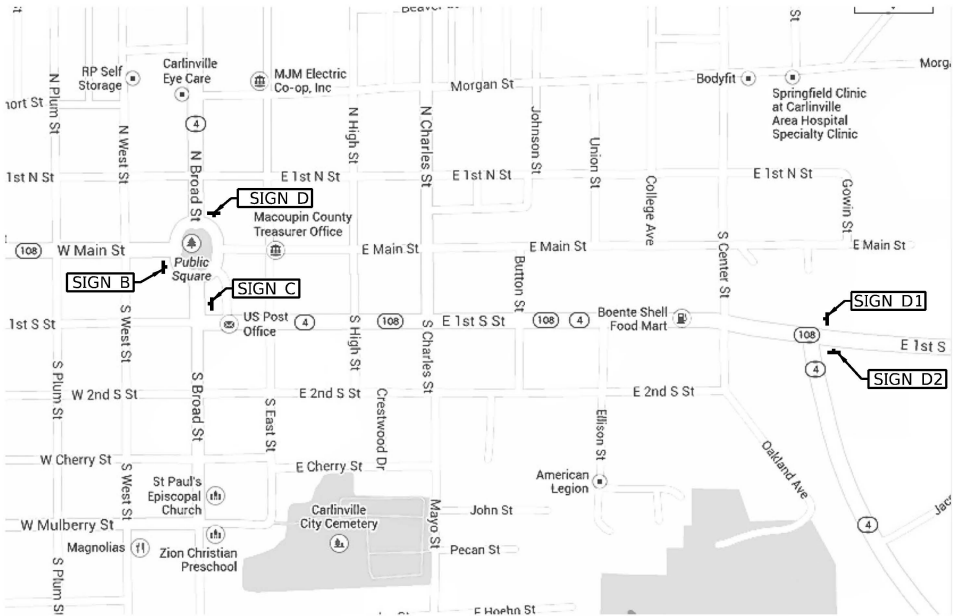
- REMOVAL ITEMS
SIGN
TYPE III BARRICADE
DRUM WITH STEADY BURNING LIGHT
TRAFFIC SIGNAL
TEMPORARY RUMBLE STRIP
INDUCTION LOOP DETECTOR
DOUBLE VERTICAL PANEL
TYPE C BIDIRECTIONAL REFLECTOR
TEMPORARY CONCRETE BARRIER
IMPACT ATTENUATOR
STEADY BURNING LIGHTS AND DOUBLE VERTICAL PANELS

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PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE -	REVISED -

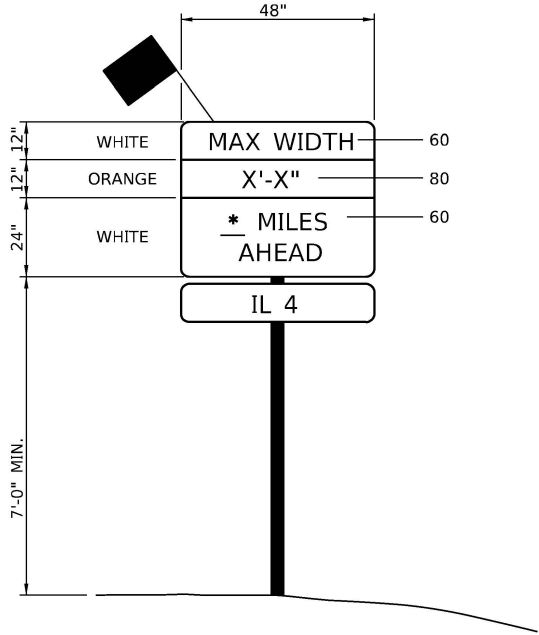
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	35
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



AUBURN



CARLINVILLE



TYPICAL SIGN

SIGN	MILES AHEAD	
A1	10	M5-1R
A2	10	M5-1L
A3	10	
B	14.9	M5-1L
C	14.9	M5-1R
D	14.9	
D1	15.5	M5-1R
D2	15.5	M5-1L



SIGN M5-1L



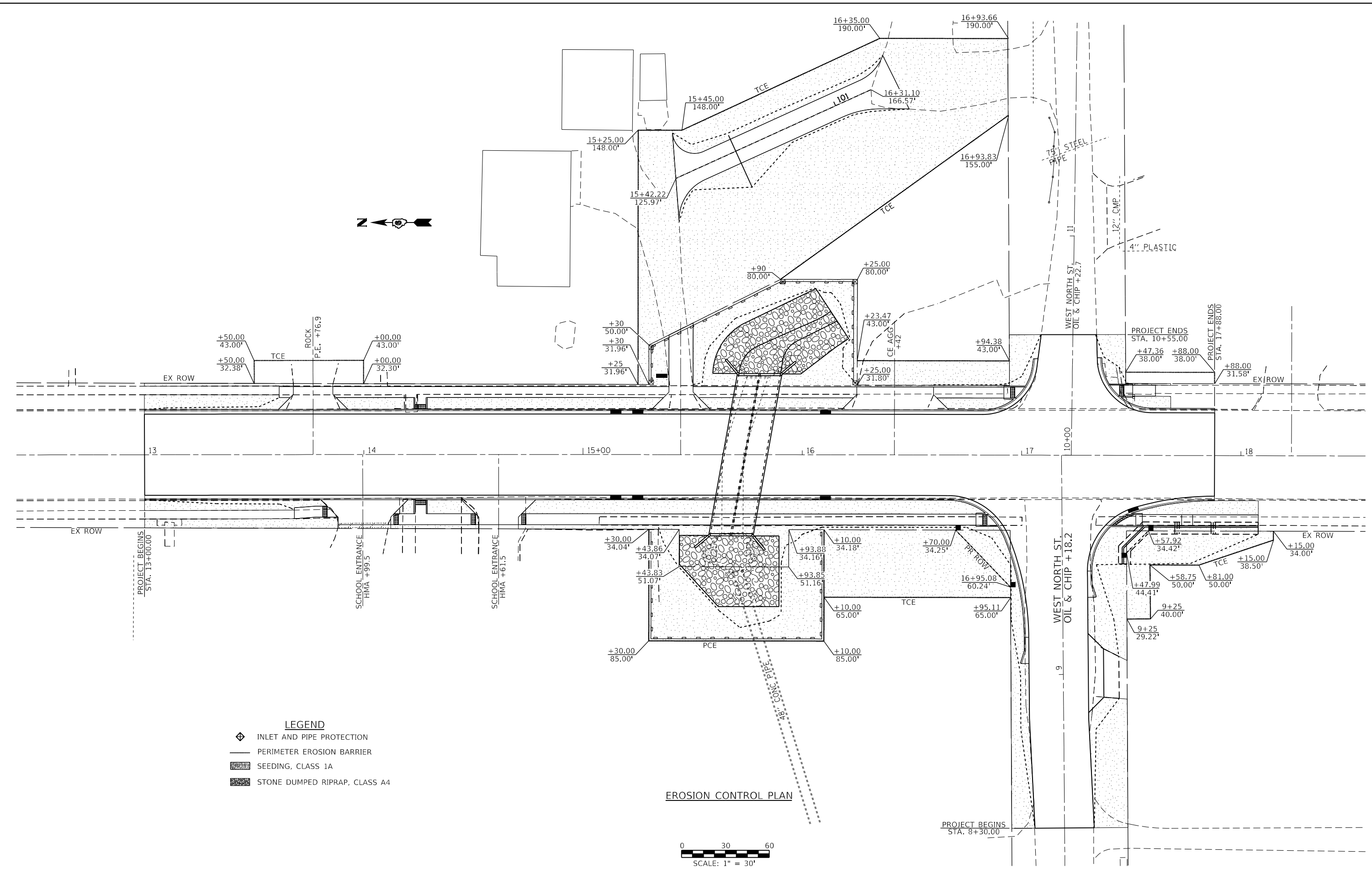
SIGN M5-1R

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	DATE -	REVISED -

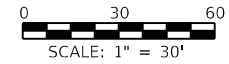
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	36
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: 2/23/2011 Jobs\DOT\011-00681 IDOT D-6 WC-2 PE 1 IL 4 over Drainage Ditch in Grant\CAAD Sheets\0672C80-81\eros.dgn



- LEGEND**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - SEEDING, CLASS 1A
 - STONE DUMPED RIPRAP, CLASS A4

EROSION CONTROL PLAN



VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME = ckhtrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

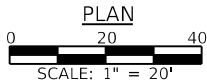
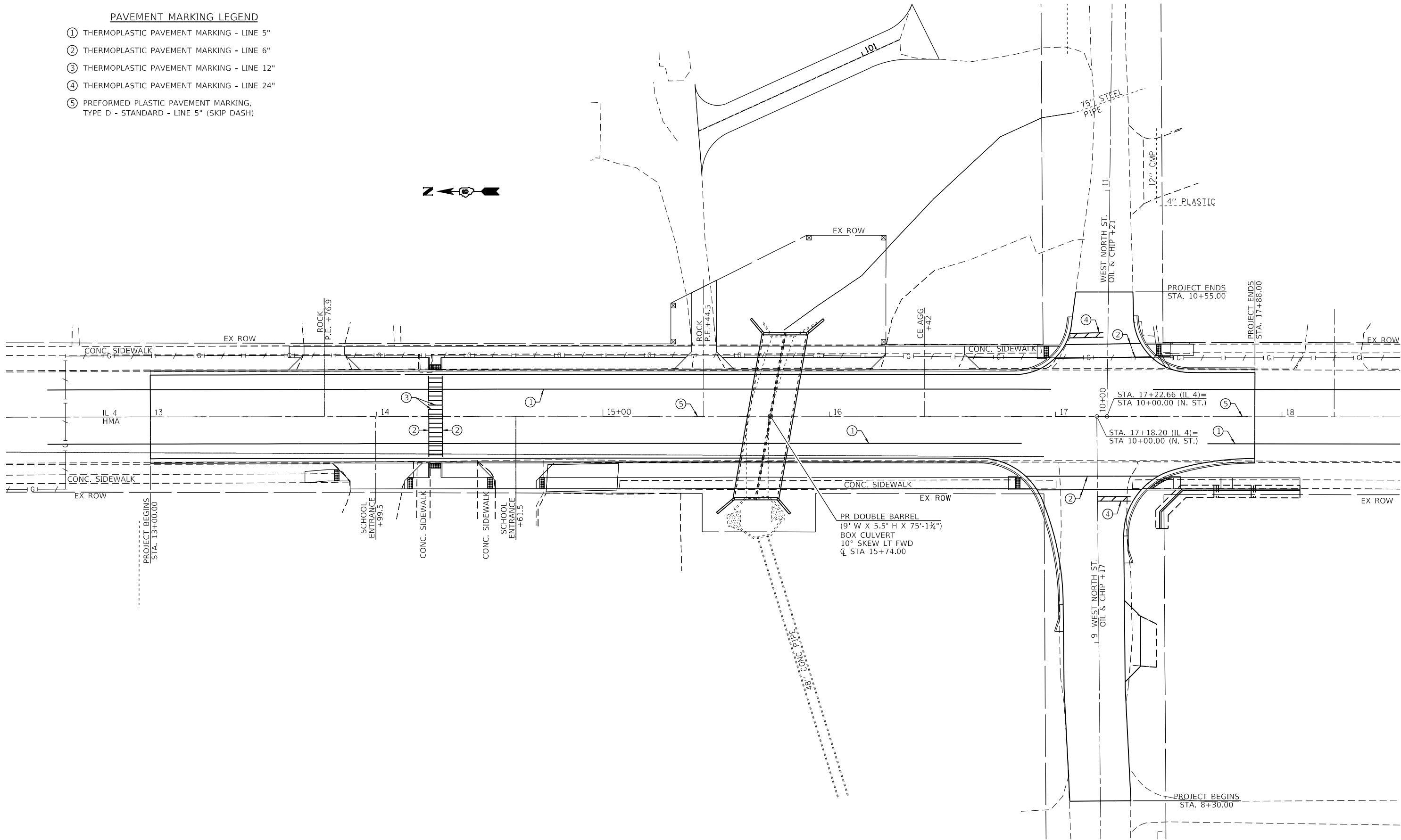
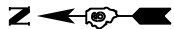
EROSION CONTROL PLAN

SCALE: 1" = 30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	37
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
④ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
⑤ PREFORMED PLASTIC PAVEMENT MARKING,
TYPE D - STANDARD - LINE 5" (SKIP DASH)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	38
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

MODEL: 3/20/2015
FILE: 1/20/2015

**VEENSTRA
& KIMM INC.**
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME = \$USERS	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

Benchmark: BM#108 - Chiseled "X" on west bolt of fire hydrant 27.4' Lt., Sta. 17+61.8, Elev. 665.05

Existing Structure: 059-7007 is a 9.3' x 5.5' concrete box culvert approximately 74 ft. in length. The existing structure is to be removed and replaced with a double 9' x 5.5' concrete box culvert. Traffic to be maintained utilizing Stage Construction.

No Salvage.

Precast alternate is not allowed.

INDEX OF SHEETS

- 1. General Plan & Elevation
- 2. General Data
- 3. Staging Construction Details
- 4. Temporary Concrete Barrier
- 5. Culvert Details (Top Slab)
- 6. Culvert Details (Bottom Slab)
- 7. Culvert Details
- 8. Chain Link Fence Details
- 9. Bar Splicer Assembly and Mechanical Splicer Details
- 10. Borings

LOADING HL 93

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

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition.

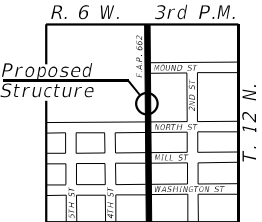
DESIGN STRESSES

FIELD UNITS

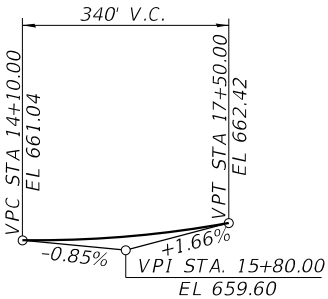
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

HORIZONTAL CURVE DATA

PI Sta. = 12+74.11
Δ = 0° 28' 33" (Rt.)
D = 0° 02' 57"
R = 116,392.40'
T = 483.40'
L = 966.79'
E = 1.00'
P.C. Sta. = 7+90.71
P.T. Sta. = 17+57.51



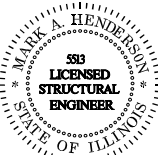
LOCATION SKETCH



PROFILE GRADE

(Along CL Rte 4)

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Mark Sheffer
ENGINEER OF BRIDGES & STRUCTURES



Mark A. Henderson
EXPIRATION: 11/30/2026
Date Signed: 7/28/2025

LEGEND

- W— - Ex Underground Water Line
- G— - Ex Underground Gas Line
- A— - Ex Aerial Line
- FO— - Ex Fiber Optic Line
- T— - Ex Telephone Line
- S— - Ex Sanitary Sewer

GENERAL PLAN & ELEVATION

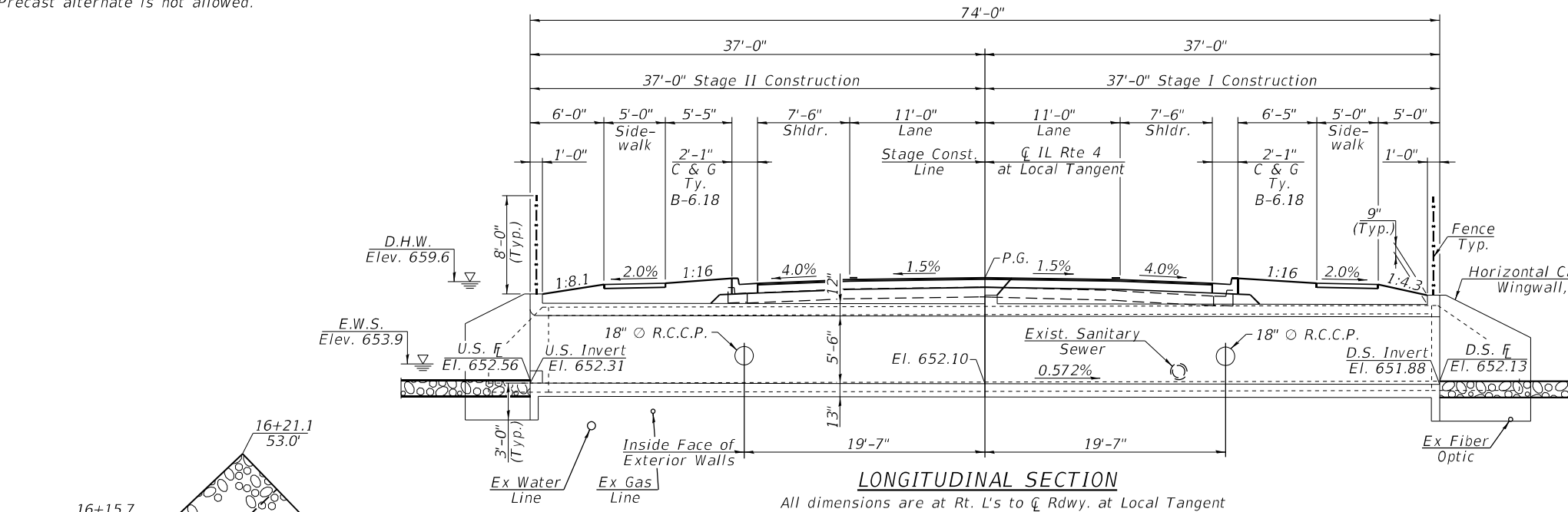
IL ROUTE 4 OVER DRAINAGE DITCH

F.A.P. ROUTE 662 - SECTION (D) R, C, N, SW

MACOUPIN COUNTY

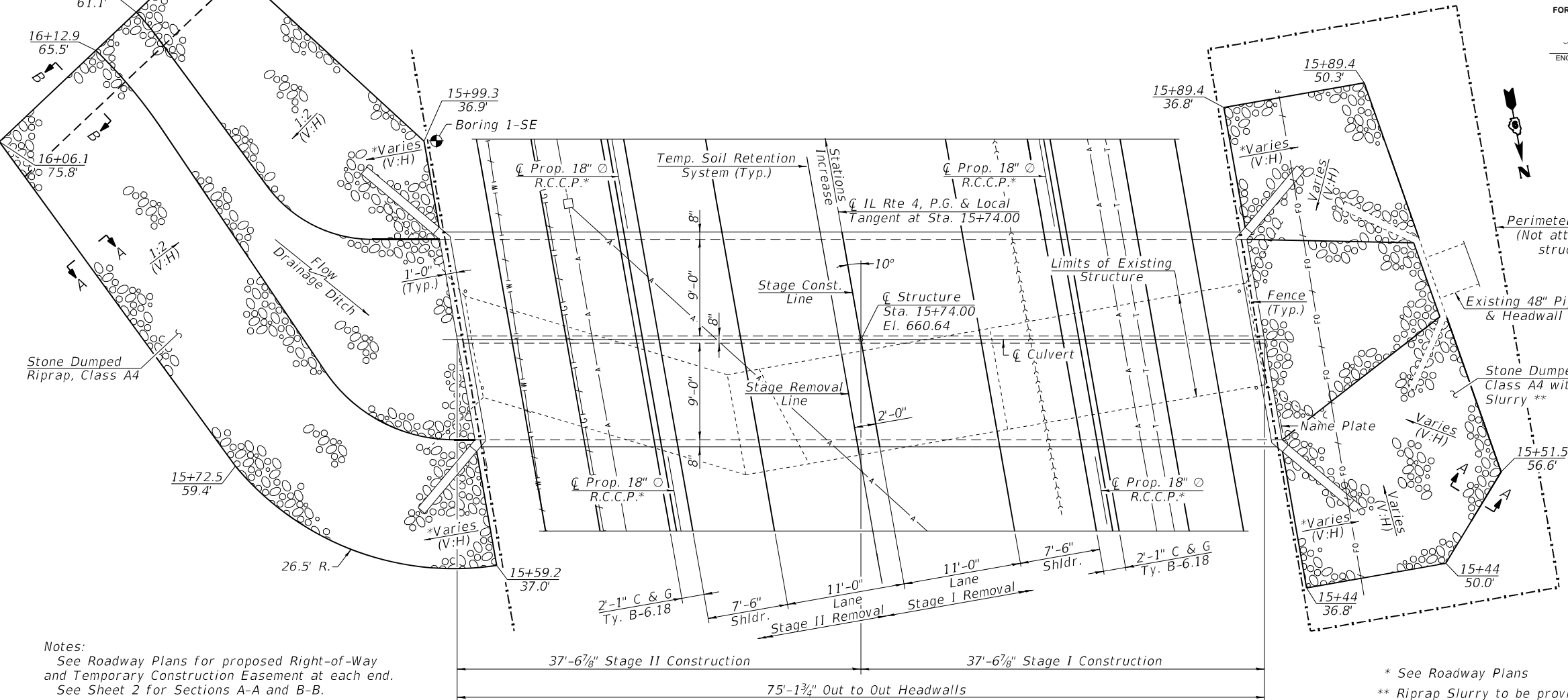
STA. 15+74.00

STRUCTURE NO. 059-7011



LONGITUDINAL SECTION

All dimensions are at Rt. L's to CL Rdwy. at Local Tangent



PLAN

Notes:
See Roadway Plans for proposed Right-of-Way and Temporary Construction Easement at each end.
See Sheet 2 for Sections A-A and B-B.

* See Roadway Plans

** Riprap Slurry to be provided at downstream end only



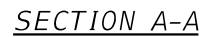
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PLOT SCALE =	CHECKED - MAH	REVISED -
PLOT DATE =	DRAWN - JRP	REVISED -
	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 059-7011

SHEET NO. 1 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	39
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



Stone Dumped Riprap, Class A4

16"

6"

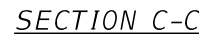
4'-0"

2'-0"

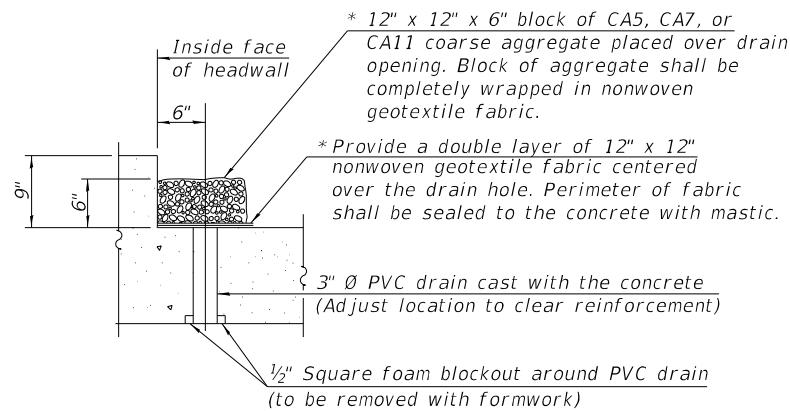
Bedding

Filter fabric

SECTION B-B

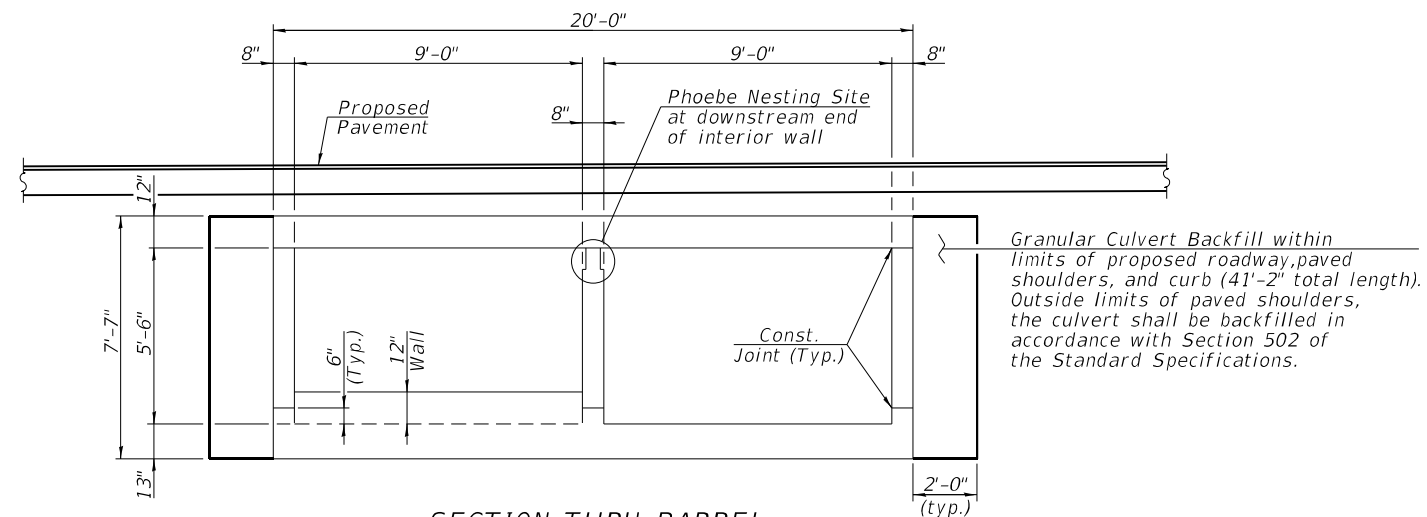


(Downstream End Only)



(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

(Standard 515001)



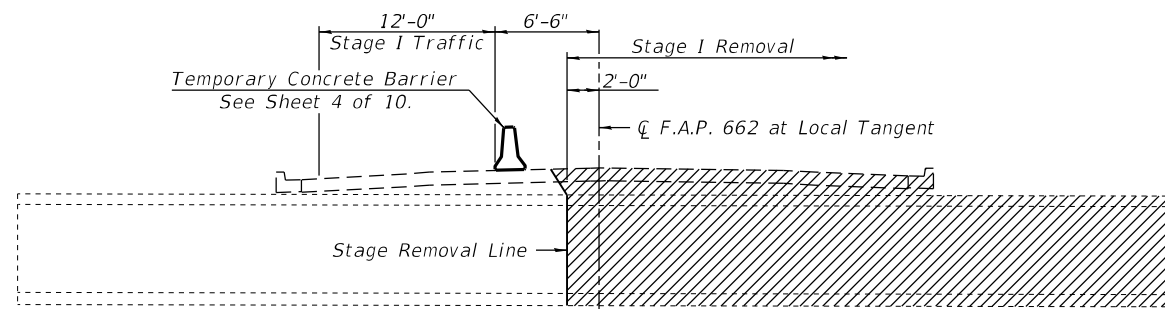
(Looking West)

ITEM	UNIT	TOTAL
Stone Dumped Riprap, Class A4	Ton	175
Filter Fabric	Sq. Yd.	263
Removal of Existing Structures	Each	1
Reinforcement Bars, Epoxy Coated	Pound	33,210
Bar Splicers	Each	126
Name Plates	Each	1
Temporary Soil Retention System	Sq. Ft.	228
Concrete Box Culverts	Cu. Yd.	160.1
Geocomposite Wall Drain	Sq. Yd.	195
Riprap Slurry	Sq. Yd.	87
Membrane Waterproofing System for Buried Structures	Sq. Yd.	195
Chain Link Fence, Attached to Structure, Special	Foot	36
Granular Culvert Backfill	Cu. Yd.	83

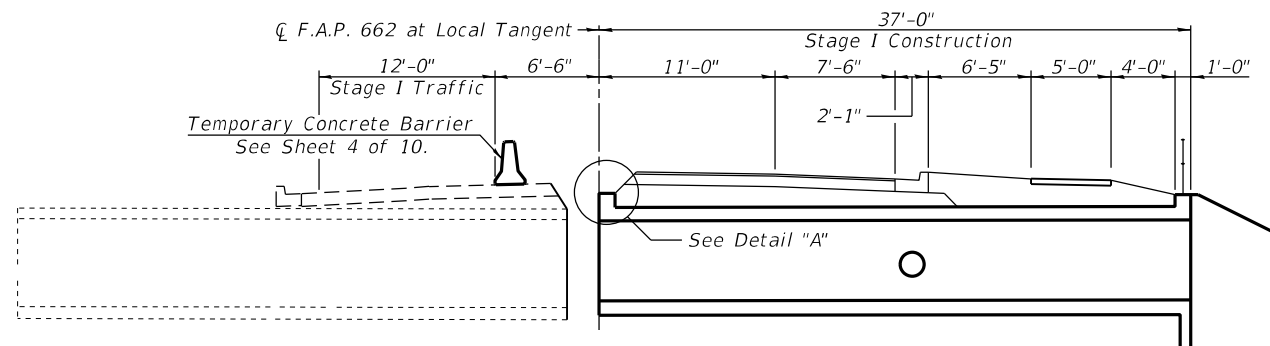
Existing Overtopping Elevation 659.9 @ Sta. 15+28 Proposed Overtopping Elevation 660.6 @ Sta. 15+25									
Drainage Area = 0.78 Sq. Mi.									
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	10	190	42	88	659.1	0.4	0.0	659.5	659.2
Design	50	384	42	88	659.6	0.7	0.3	660.3	659.9
Base	100	504	42	88	659.8	0.6	0.6	660.4	660.4
OVT(E)	28	277	42	88	659.4	0.5	0.2	659.9	659.5
OVT(P)	>500								
Max. Calc.	500	691	42	88	659.9	0.3	0.4	660.2	660.3

10-Year Outlet Velocity from Proposed Structure = 1.9 fps

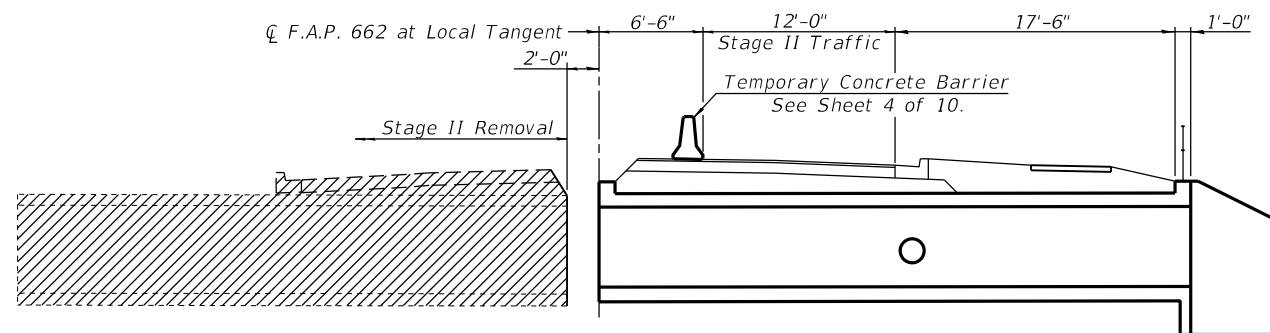
For backfilling and embankment, see *Special Provisions*.



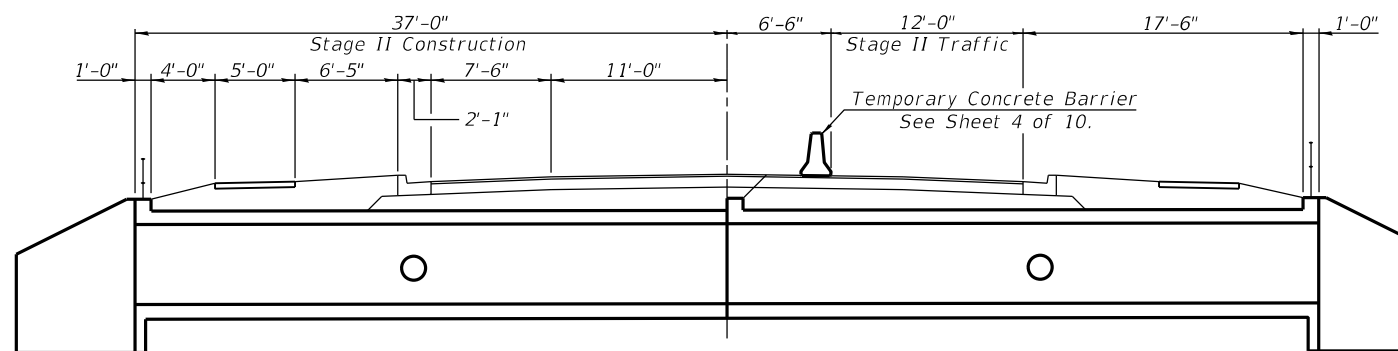
STAGE I REMOVAL
(Dimensions are at Rt. L's to C.L. Rdwy. at Local Tangent)



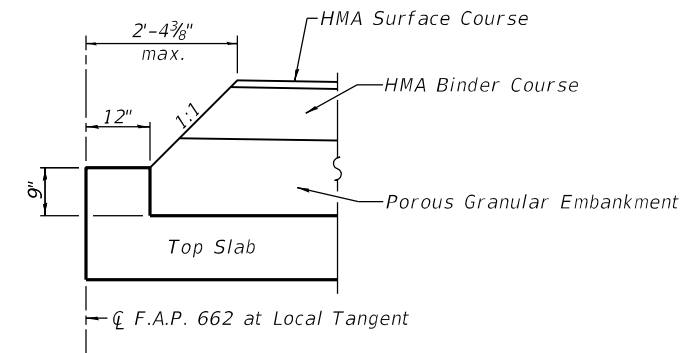
STAGE I CONSTRUCTION
(Dimensions are at Rt. L's to C.L. Rdwy. at Local Tangent)



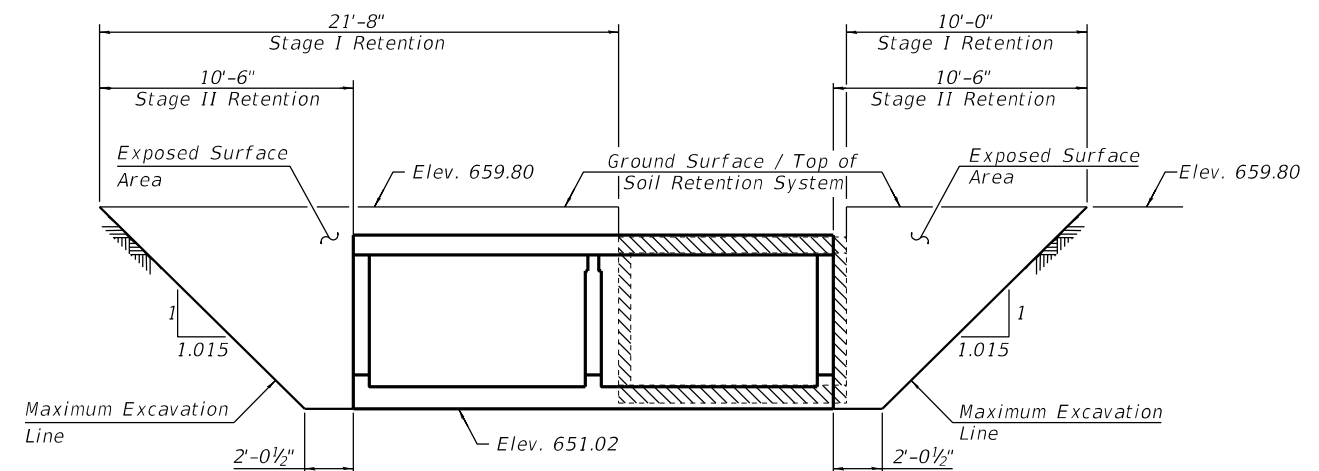
STAGE II REMOVAL
(Dimensions are at Rt. L's to C.L. Rdwy. at Local Tangent)



STAGE II CONSTRUCTION
(Dimensions are at Rt. L's to C.L. Rdwy. at Local Tangent)



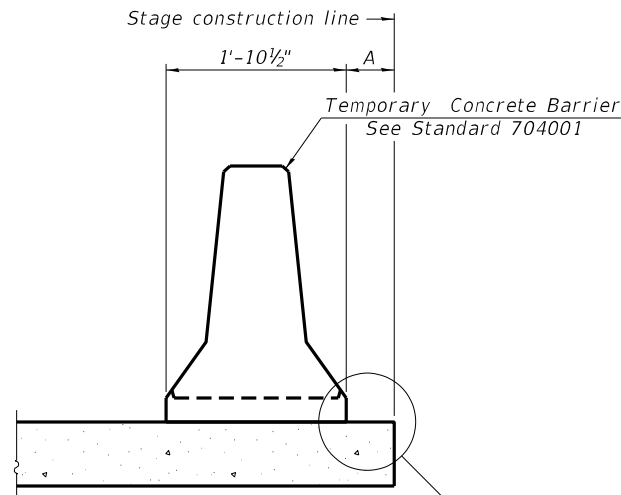
DETAIL "A"



TEMPORARY SOIL RETENTION SYSTEM
(All dimensions along C.L. Rdwy. - Looking West)

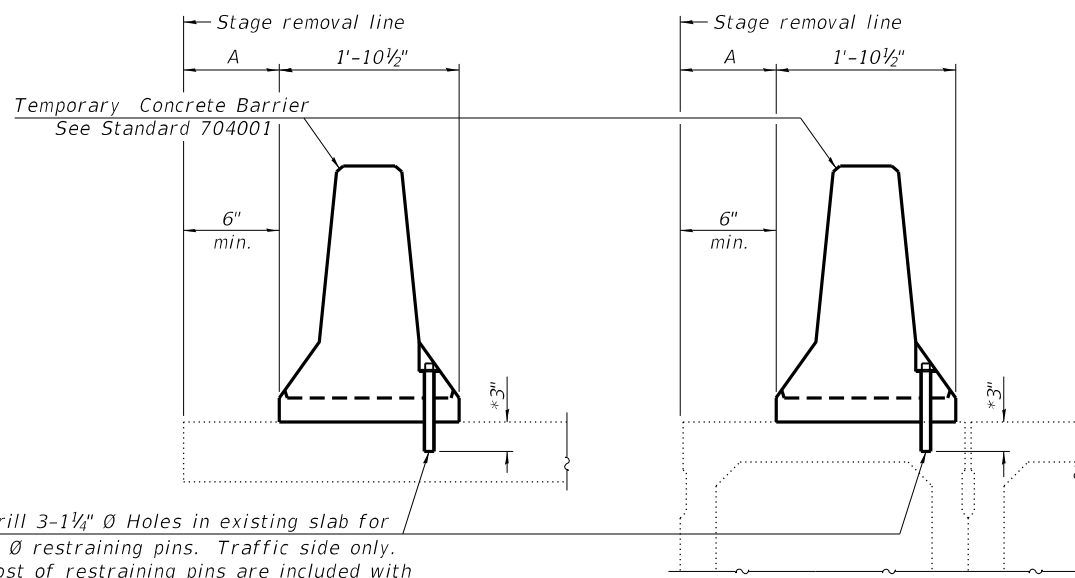
A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

Notes:
All staging cross sections are looking south.
For quantity of Temporary Concrete Barrier see roadway plans.
Hatched area indicates Removal of Existing Structures.



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

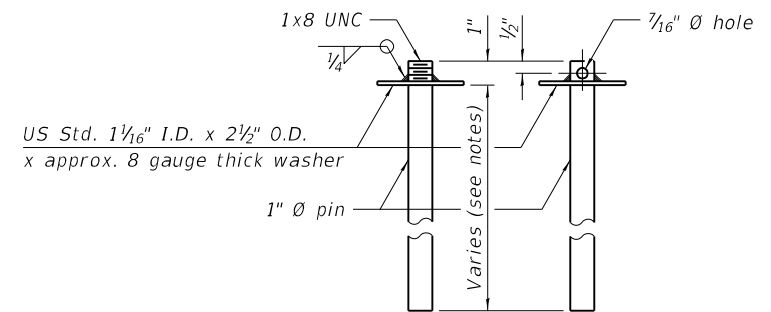


Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

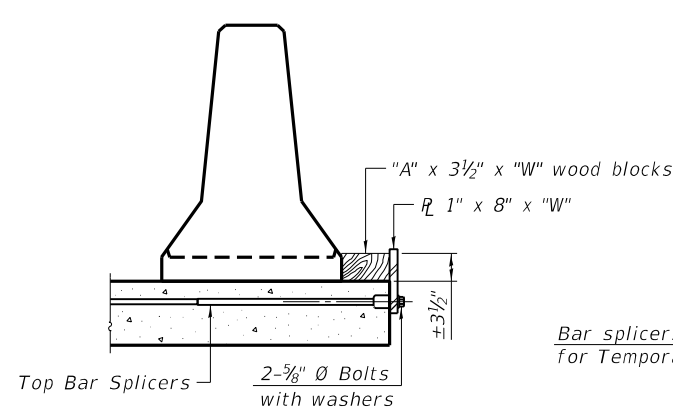
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

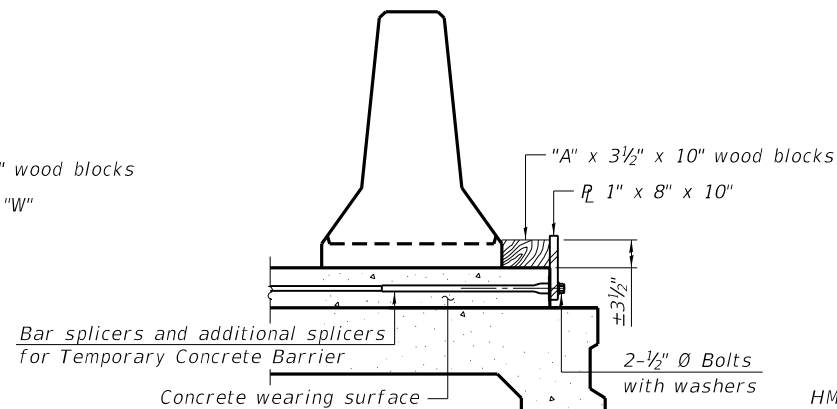


RESTRAINING PIN

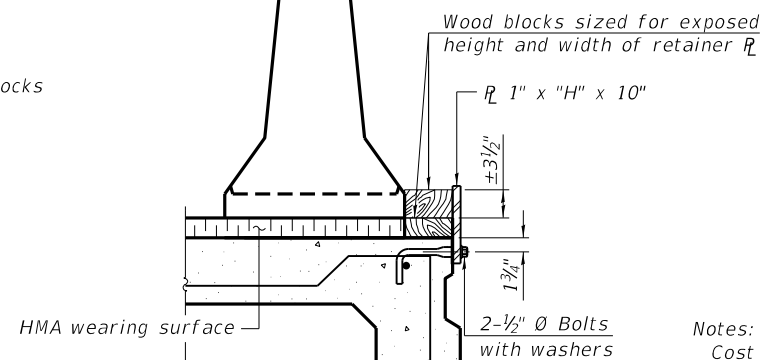
SECTIONS THRU SLAB OR DECK BEAM



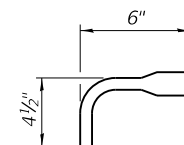
DETAIL I



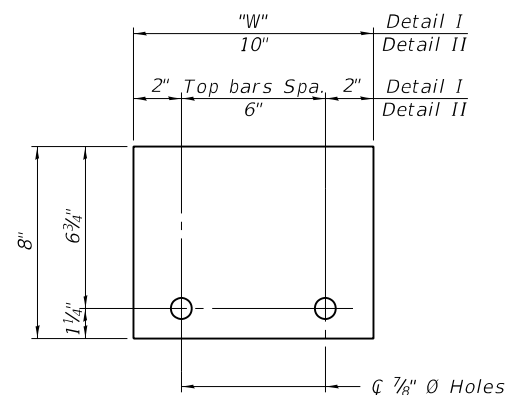
DETAIL II



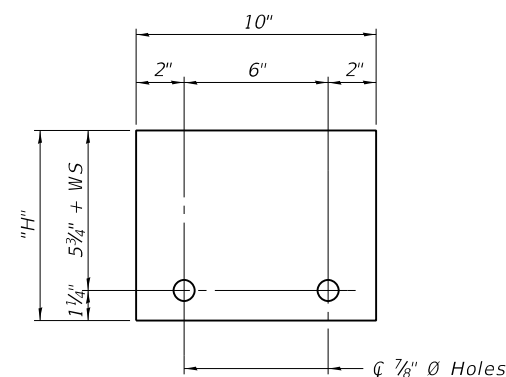
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate $\bar{C}$ of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27 5-15-2023



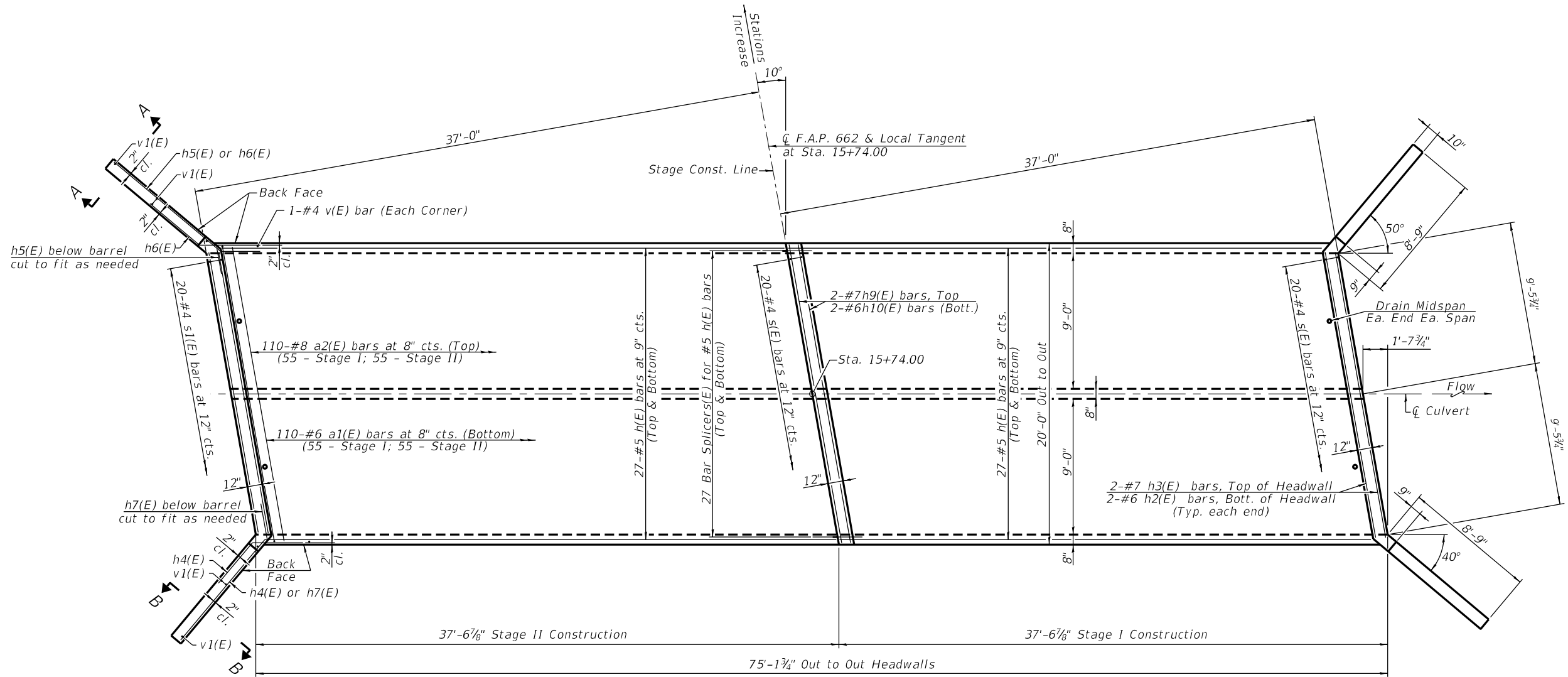
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	CHECKED - MAH	REVISED -
PLOT SCALE =	DRAWN - JRP	REVISED -
PLOT DATE =	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

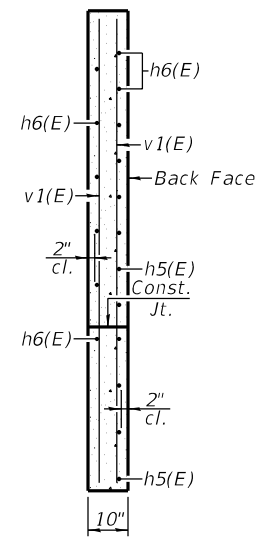
TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 059-7011

SHEET NO. 4 OF 10 SHEETS

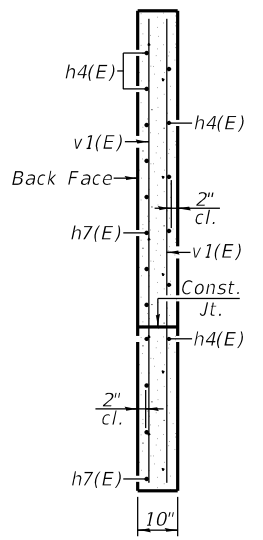
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	42
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



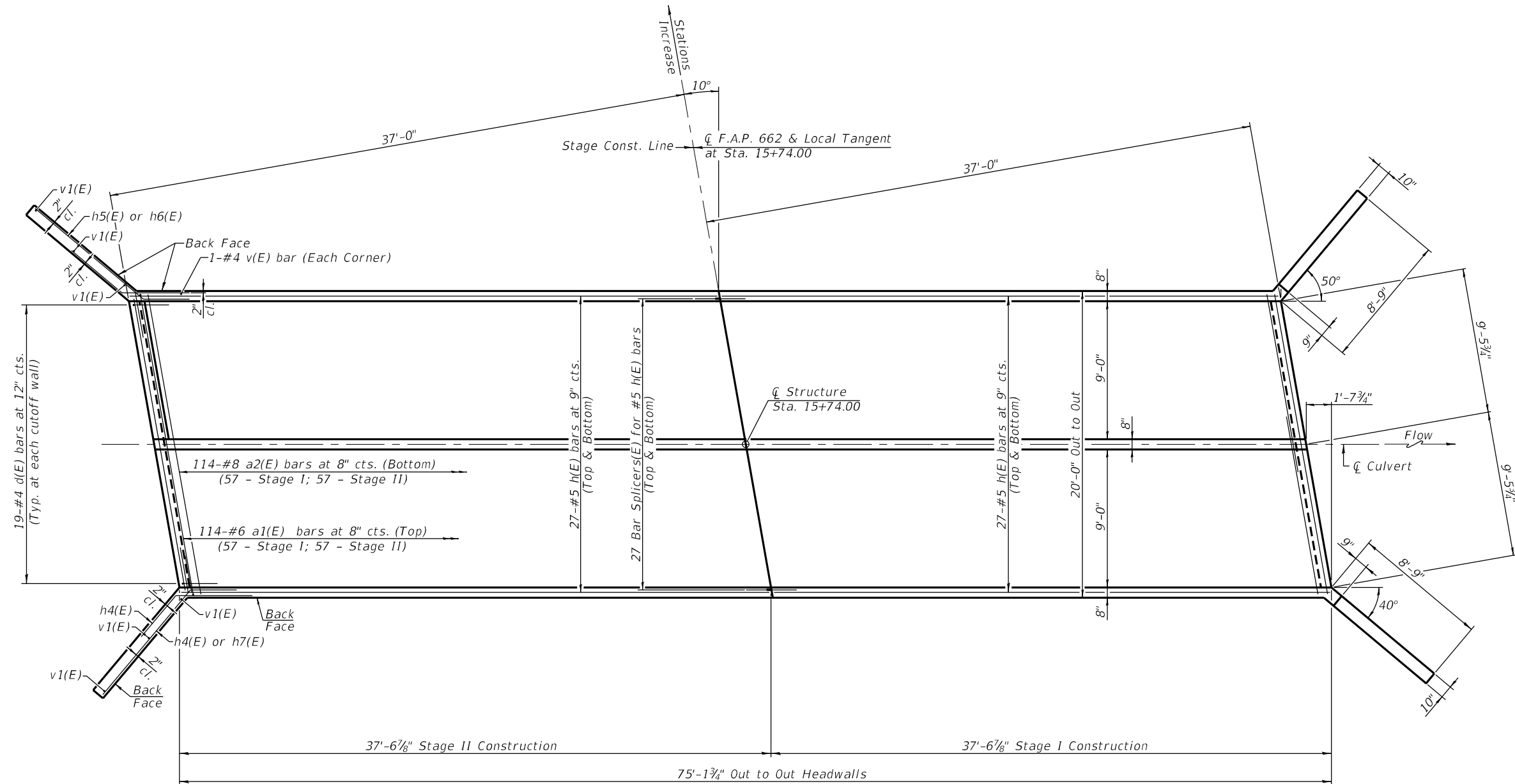
PLAN - TOP SLAB
At least six feet of the barrel shall be poured monolithically with the wingwalls.



SECTION A-A

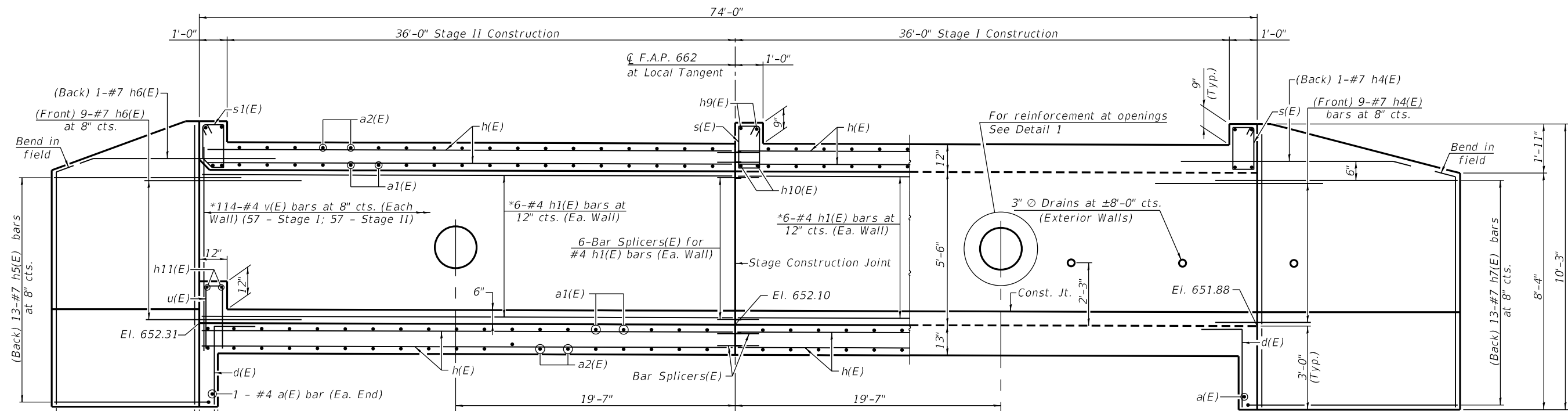


SECTION B-B



PLAN - BOTTOM SLAB

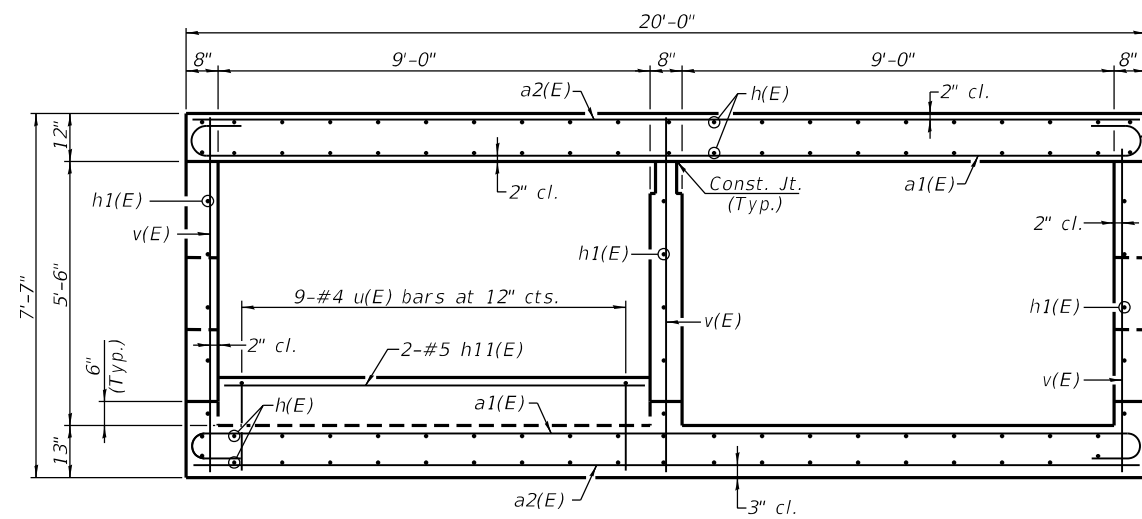
At least six feet of the barrel shall be poured monolithically with the wingwalls.



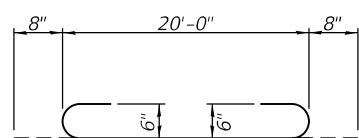
LONGITUDINAL SECTION
(Looking South)
(Dimensions at Rt. L's to $\bar{C}$ Roadway at Local Tangent)

NORTHWEST & SOUTHEAST WINGWALLS

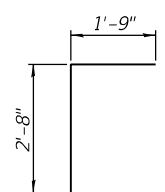
NORTHEAST & SOUTHWEST WINGWALLS



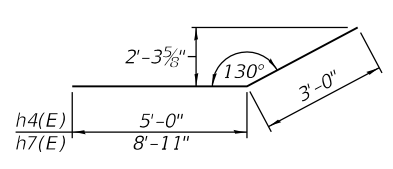
SECTION THRU BARREL
(Dimensions are at Rt. L's unless otherwise noted)



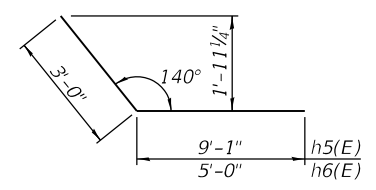
BAR a1(E)



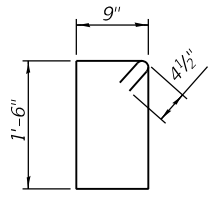
BAR d(E)



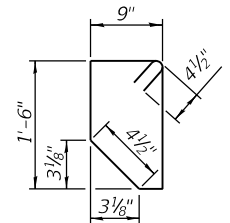
BARS h4(E) & h7(E)



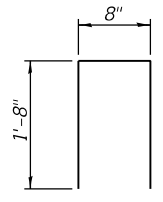
BARS h5(E) & h6(E)



BAR s(E)



BAR s1(E)

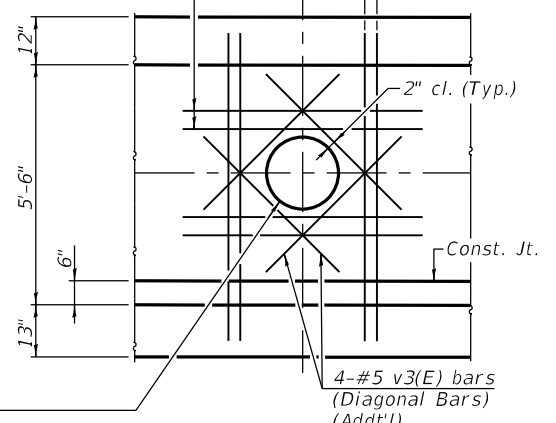


BAR u(E)

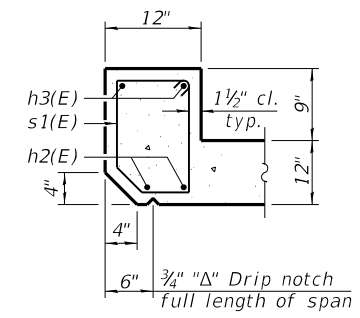
Inv. El. 654.20
(for 18" $\bar{O}$ R.C.C.P. in
East Side of North Wall)
Inv. El. 653.97
(for 18" $\bar{O}$ R.C.C.P. in
West Side of North Wall)
Inv. El. 654.22
(for 18" $\bar{O}$ R.C.C.P. in
East Side of South Wall)
Inv. El. 653.99
(for 18" $\bar{O}$ R.C.C.P. in
West Side of South Wall)

2-#5 h8(E) bars at 3" cts.
Top & Bott. Ea. Face (Add'l'l)

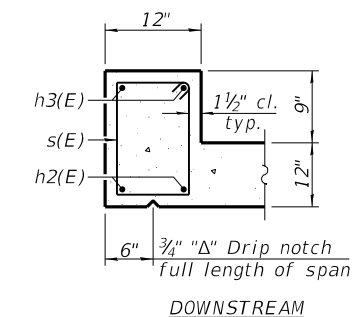
2-#5 v2(E) bars at 3" cts.
Ea. Side (Add'l'l)



DETAIL 1
(Inside Face of Exterior Wall)
(4 Locations)



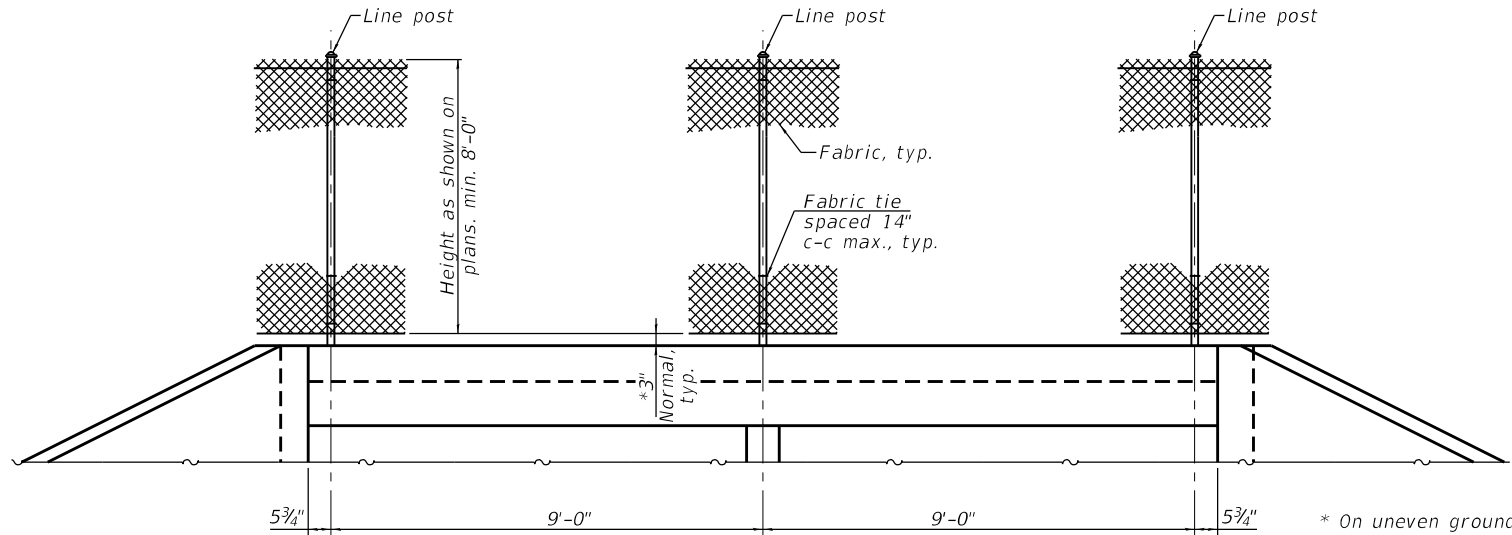
UPSTREAM



DOWNSTREAM
SECTION THRU HEADWALL

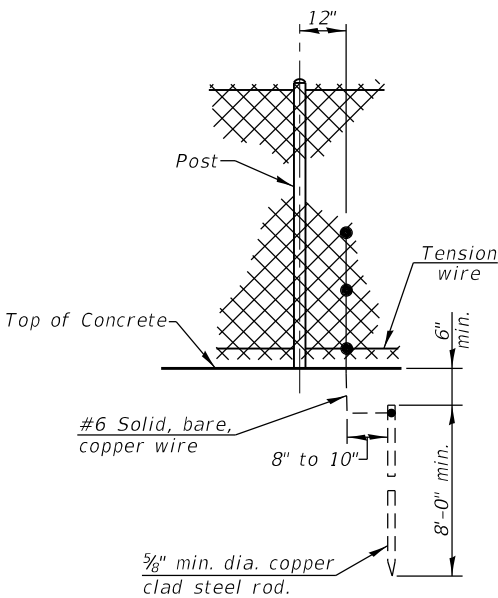
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	2	#4	20'-0"	—
a1(E)	224	#6	21'-4"	—
a2(E)	224	#8	20'-0"	—
d(E)	38	#4	4'-5"	—
h(E)	216	#5	37'-3"	—
h1(E)	36	#4	36'-9"	—
h2(E)	4	#6	19'-2"	—
h3(E)	4	#7	19'-2"	—
h4(E)	20	#7	8'-0"	—
h5(E)	26	#7	12'-1"	—
h6(E)	20	#7	8'-0"	—
h7(E)	26	#7	11'-11"	—
h8(E)	16	#5	5'-0"	—
h9(E)	2	#7	20'-0"	—
h10(E)	2	#6	20'-0"	—
h11(E)	2	#5	8'-8"	—
s(E)	40	#4	5'-3"	—
s1(E)	20	#4	5'-2"	—
u(E)	9	#4	4'-0"	—
v(E)	346	#4	7'-3"	—
v1(E)	16	#4	9'-11"	—
v2(E)	16	#5	7'-3"	—
v3(E)	16	#5	4'-0"	—
Concrete Box Culverts			Cu. Yd.	160.1
Reinforcement Bars, Epoxy Coated			Pound	33,210



INSTALLATION ON CULVERT HEADWALL
NTS

* On uneven ground this dimension may vary between 1" min. to 5" max. for a max. distance of 8'-0".



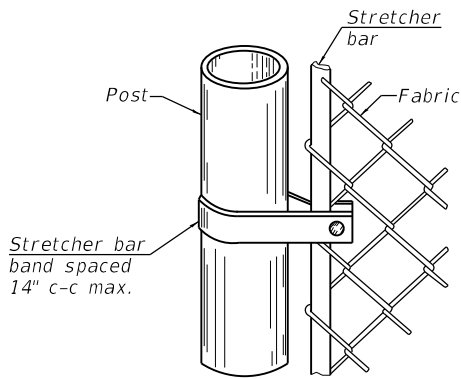
STANDARD GROUND
NTS

HORIZONTAL BRACES	
Section	lbs./ft.
Pipe Type A 1.66" O.D.	2.27
Pipe Type B 1.66" O.D.	1.83
Pipe Type C 1.66" O.D.	1.82
H 1.31"x1.5"	2.25
Roll Formed 1 5/8"x1 1/4"	See detail

LINE POST	
Section	lbs./ft.
Pipe Type A 1.90" O.D.	2.72
Pipe Type B 1.90" O.D.	2.28
Pipe Type C 1.90" O.D.	2.26
H 1.875"x1.625"	2.72
C	1.60
I	2.30

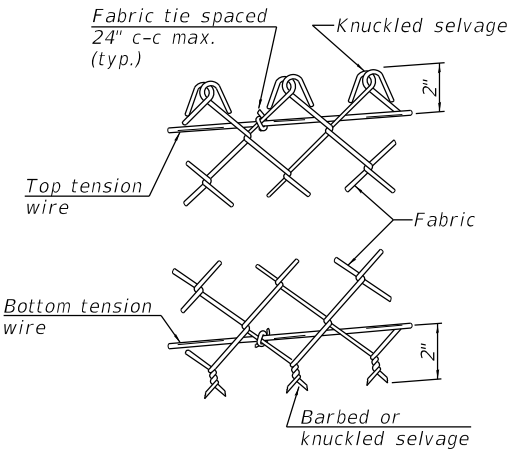
TERMINAL POST	
Section	lbs./ft.
Pipe Type A 2.375" O.D.	3.65
Pipe Type B 2.375" O.D.	3.11
Pipe Type C 2.375" O.D.	3.09
Roll Formed 3 1/2"x3 1/2"	See detail
Sq. Tubing 2 1/2"x2 1/2"	4.32

- NOTES:
- Utilize Pipe Type A for all line and terminal posts.
 - Pipe shall be ASTM A53, Grade B or ASTM A500, Grade B.
 - Base plates shall be ASTM A36 minimum.
 - Aluminum-coated steel or zinc-coated steel materials shall be provided for fencing, posts, and base plates.
 - Anchors shall be stainless steel chemical adhesive type and shall be installed per manufactures recommendations.



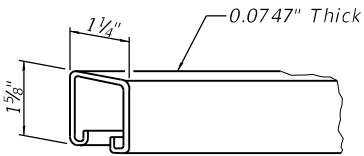
METHOD OF FASTENING
STRETCHER BAR TO POST

NTS



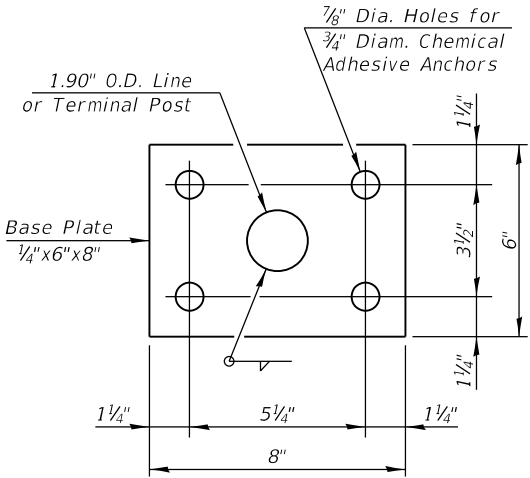
METHOD OF TYING
FABRIC TO TENSION WIRES

NTS



ROLL FORMED
SECTION OF BRACE

NTS



FENCE POST
BASE PLATE DETAIL

NTS

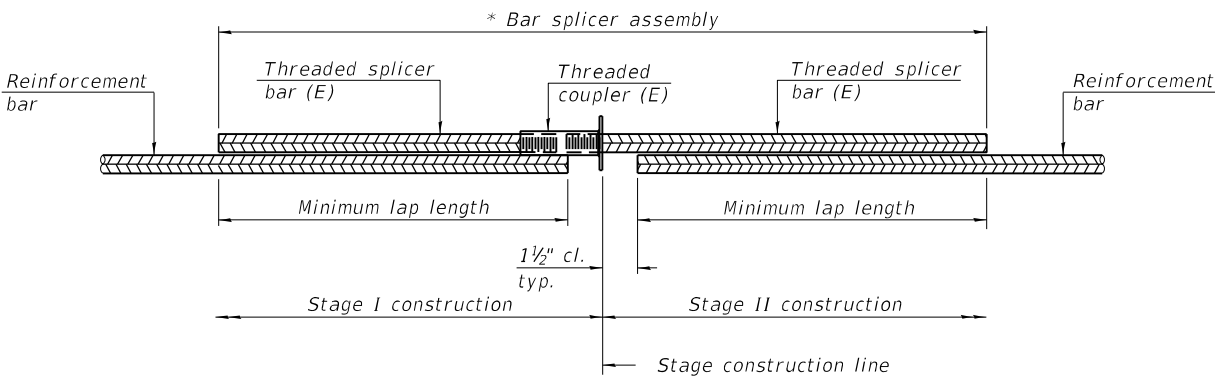
- NOTES:
- Base plate shall be cleaned with power wire brush and the weld shall be ground smooth. Grind corners and edges to 1/8" radius. Drill 1/2" drainage hole through center of each base plate.

Base plate shall have angle to conform to the slope of top of wall.

Anchor bolts, nuts and washers shall be 304 stainless steel.

BILL OF MATERIAL

Item	Unit	Total
Chain Link Fence, Attached to Structure, Special	Foot	36



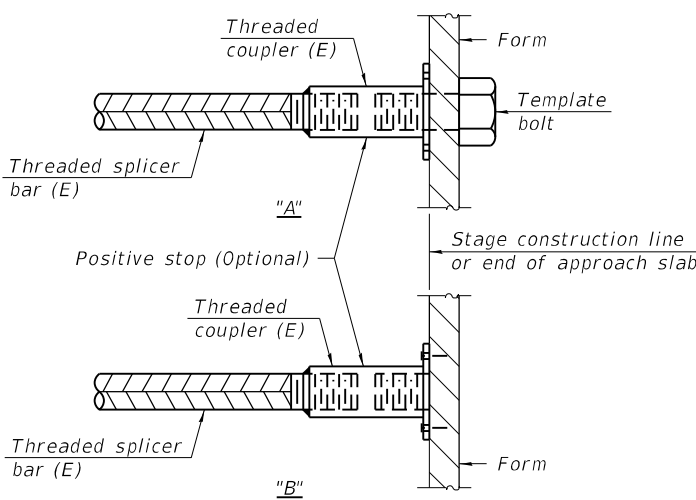
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Top Slab - Top	#5	27	3'-2"
Top Slab - Bott.	#5	27	3'-2"
Bottom Slab - Top	#5	27	3'-2"
Bottom Slab - Bott.	#5	27	3'-2"
Walls	#4	18	2'-11"

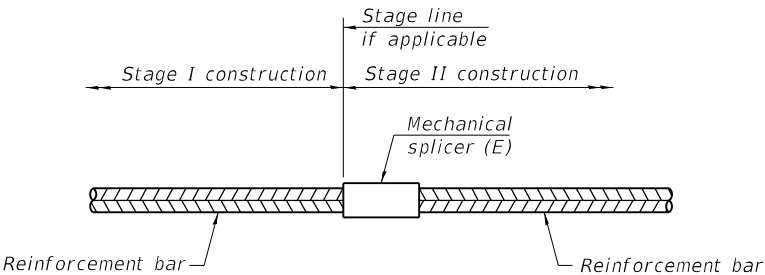


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

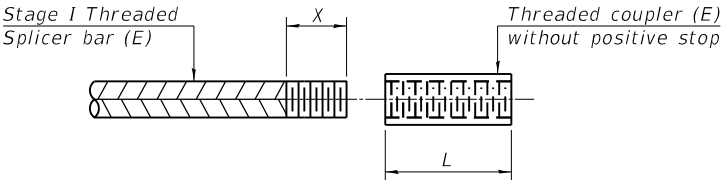
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

4-4-2025



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	CHECKED - MAH	REVISED -
PLOT SCALE =	DRAWN - JRP	REVISED -
PLOT DATE =	CHECKED - MAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 059-7011

SHEET NO. 9 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	47
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

Page 1 of 1

Date 11/30/11

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140 # Auto

D E P T H	B L O W S	U C S Qu	M O I S T
(ft)	/6"	(tsf)	(%)

Surface Water Elev. 653.7 ft
Stream Bed Elev. 652.7 ft

Groundwater Elev.:
☒ First Encounter _____ ft
☒ Upon Completion Dry ft
☒ After _____ Hrs. Plugged ft

D E P T H	B L O W S	U C S Qu	M O I S T
(ft)	/6"	(tsf)	(%)

Ref. STA. to CL of Ex. Culvert
CL STA = 15+69
STA. Increase to South
Ref. ELEV to CHSLD X on Fire
Hydrant to South
BM ELEV = 665.0

-25			
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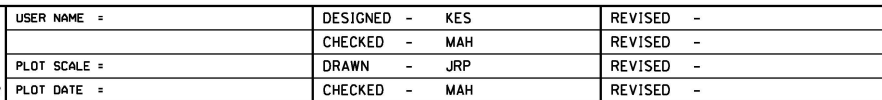
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-40		
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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Ref. 8-99)



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORINGS
STRUCTURE NO. 059-7011

SHEET NO. 10 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	48
		CONTRACT NO. 72C80		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	NO.	SURVEYED	BY	DATE
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& KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

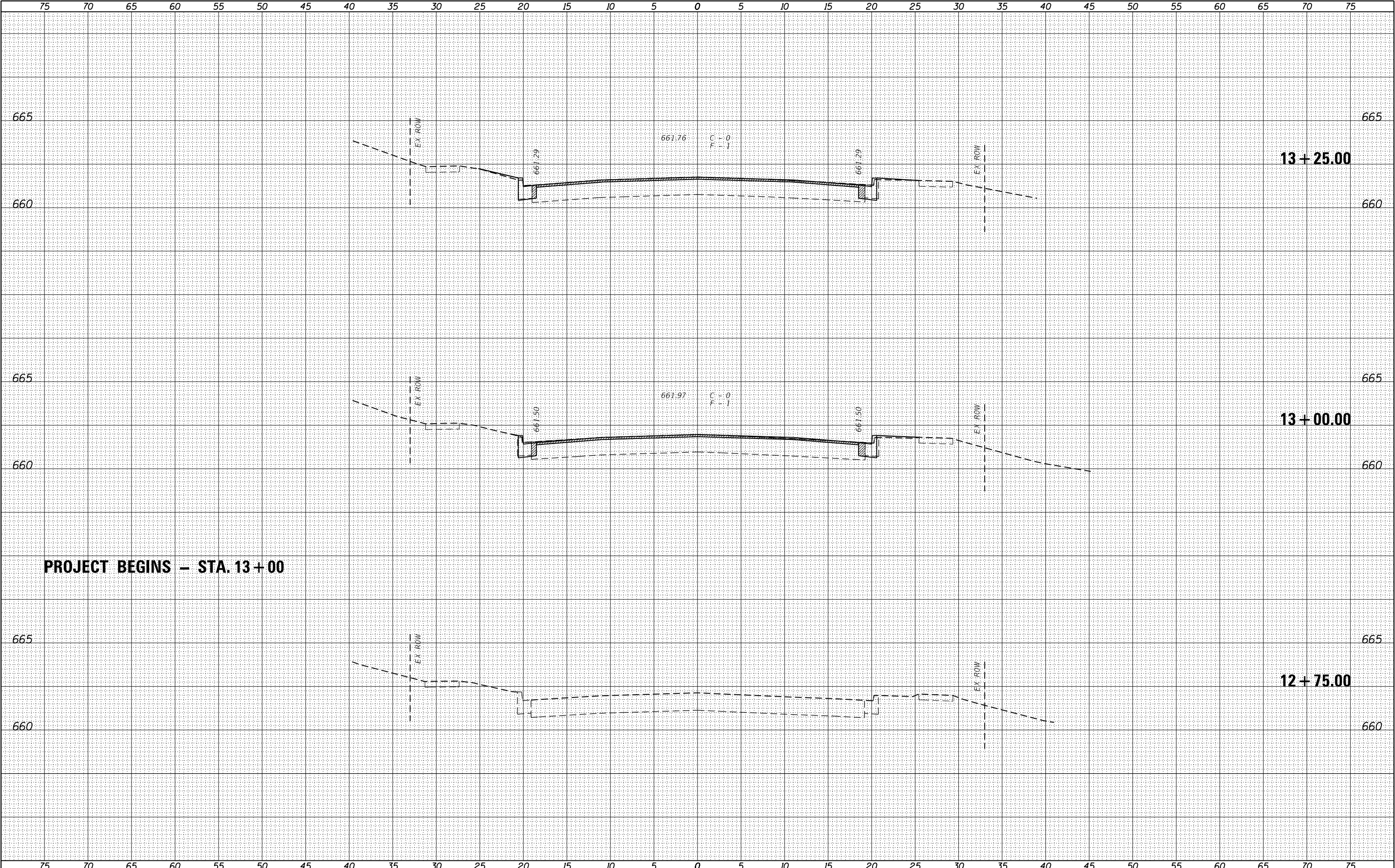
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 1 OF 9 SHEETS STA. 12+75.00 TO STA. 13+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	49
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



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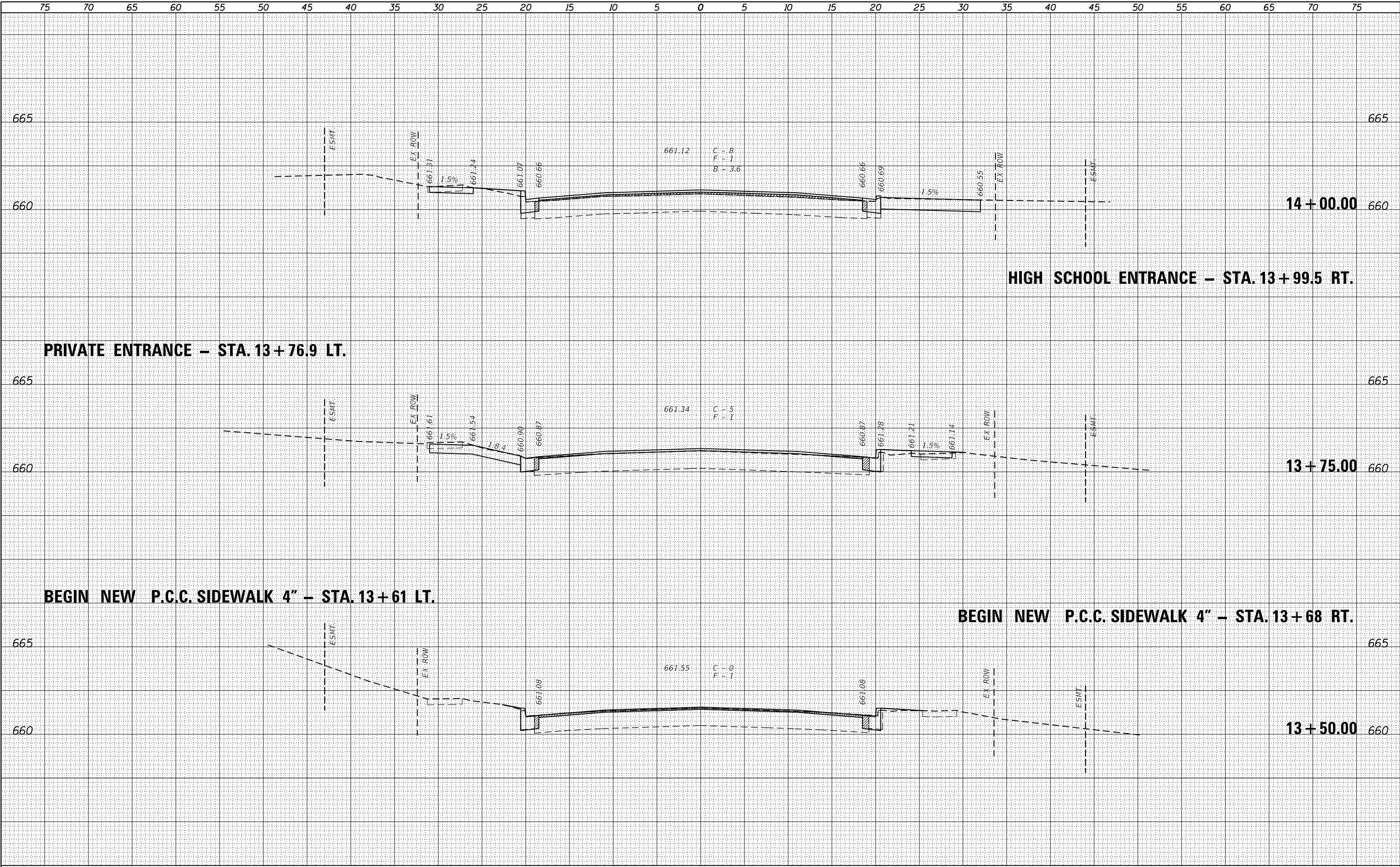
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 2 OF 9 SHEETS STA. 13+50.00 TO STA. 14+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	50
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



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NO.	AREAS CHECKED		

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NO.	AREAS CHECKED		

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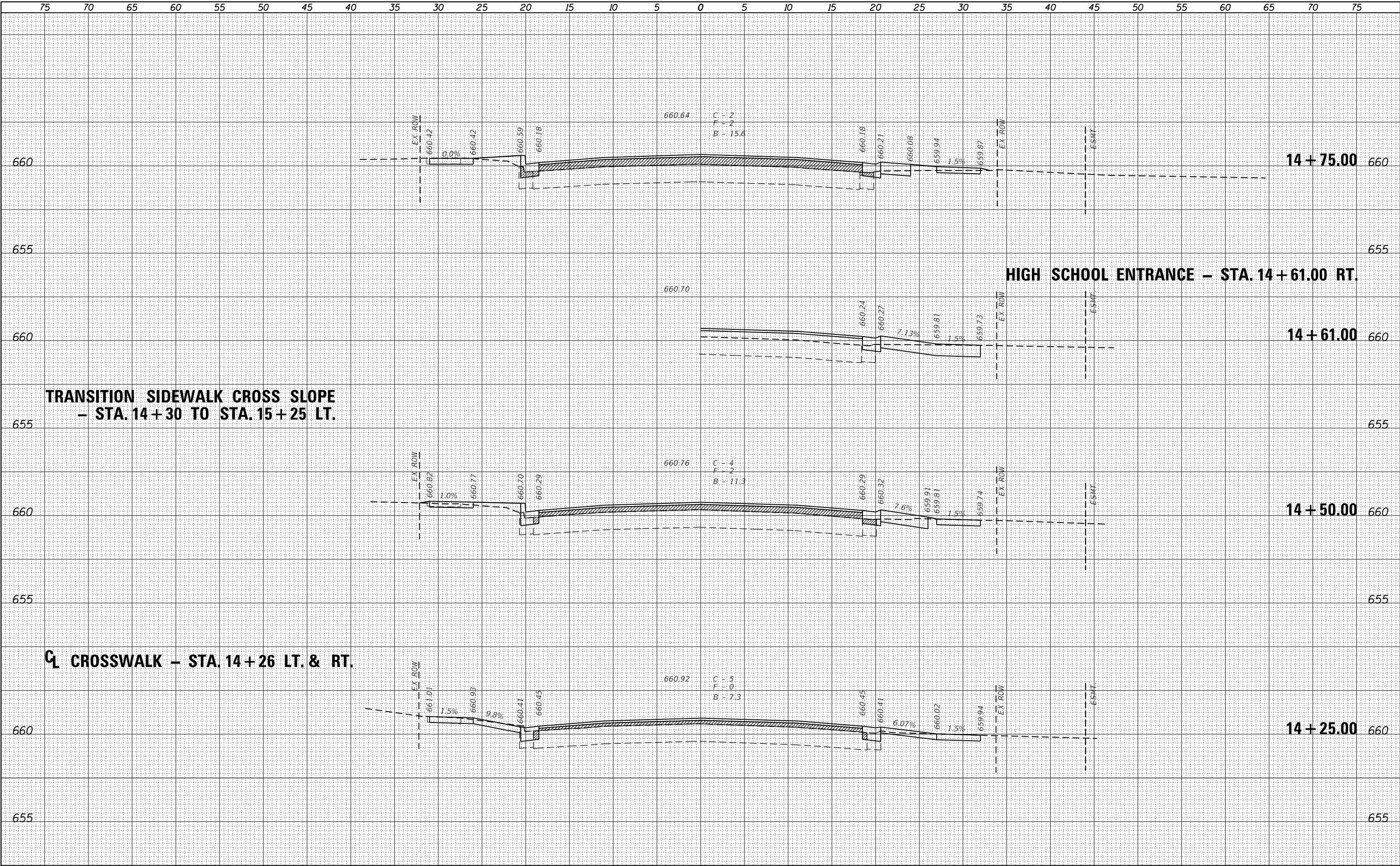
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 3 OF 9 SHEETS STA. 14+25.00 TO STA. 14+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	51
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



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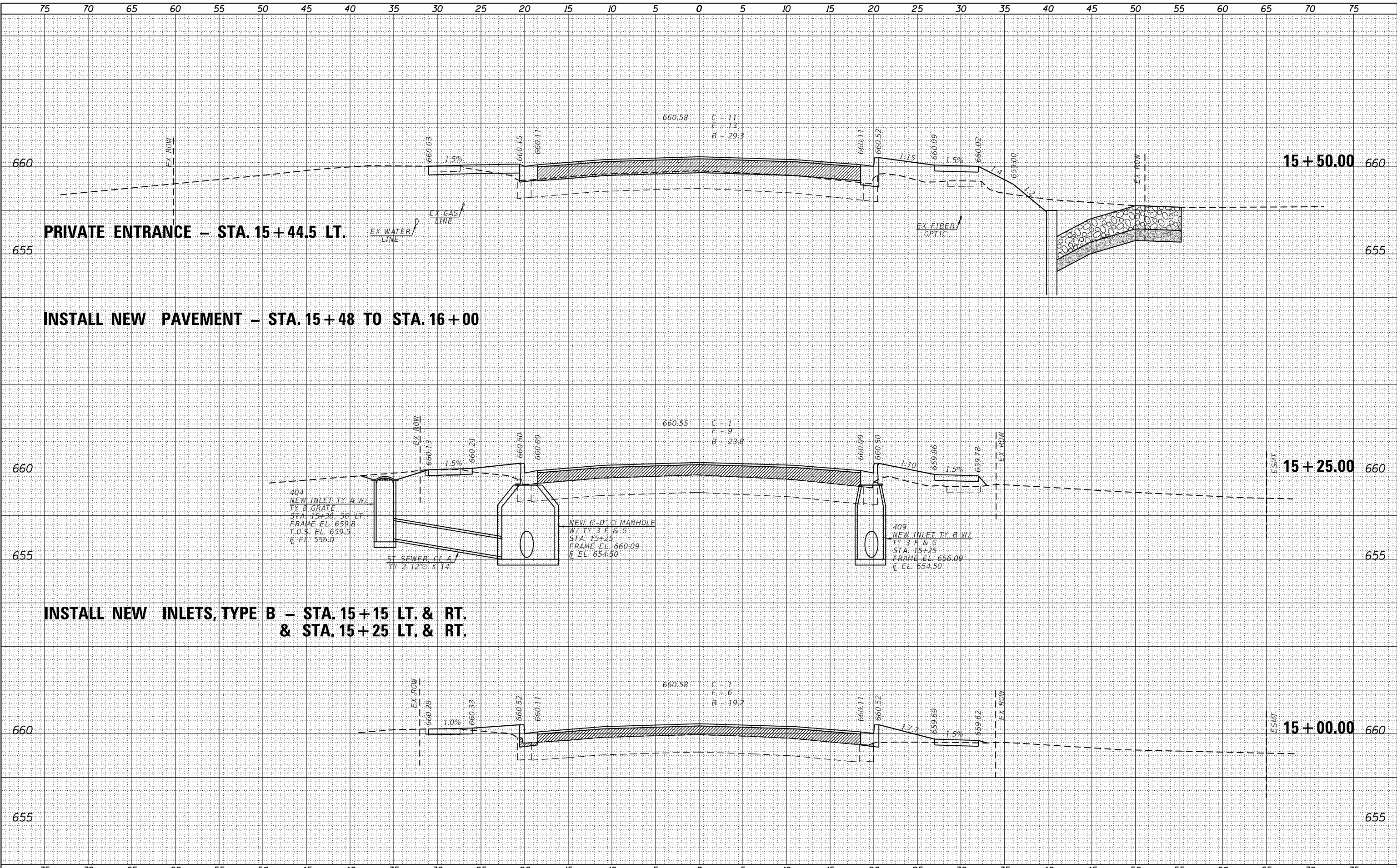
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 4 OF 9 SHEETS STA. 15+00.00 TO STA. 15+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	52
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



FINAL	DATE
SURVEY	BY
NOTE BOOK	SURVEYED
NO.	PLOTTED
	TEMPLATE
	AREAS
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NOTE BOOK	SURVEYED
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DEPARTMENT OF TRANSPORTATION

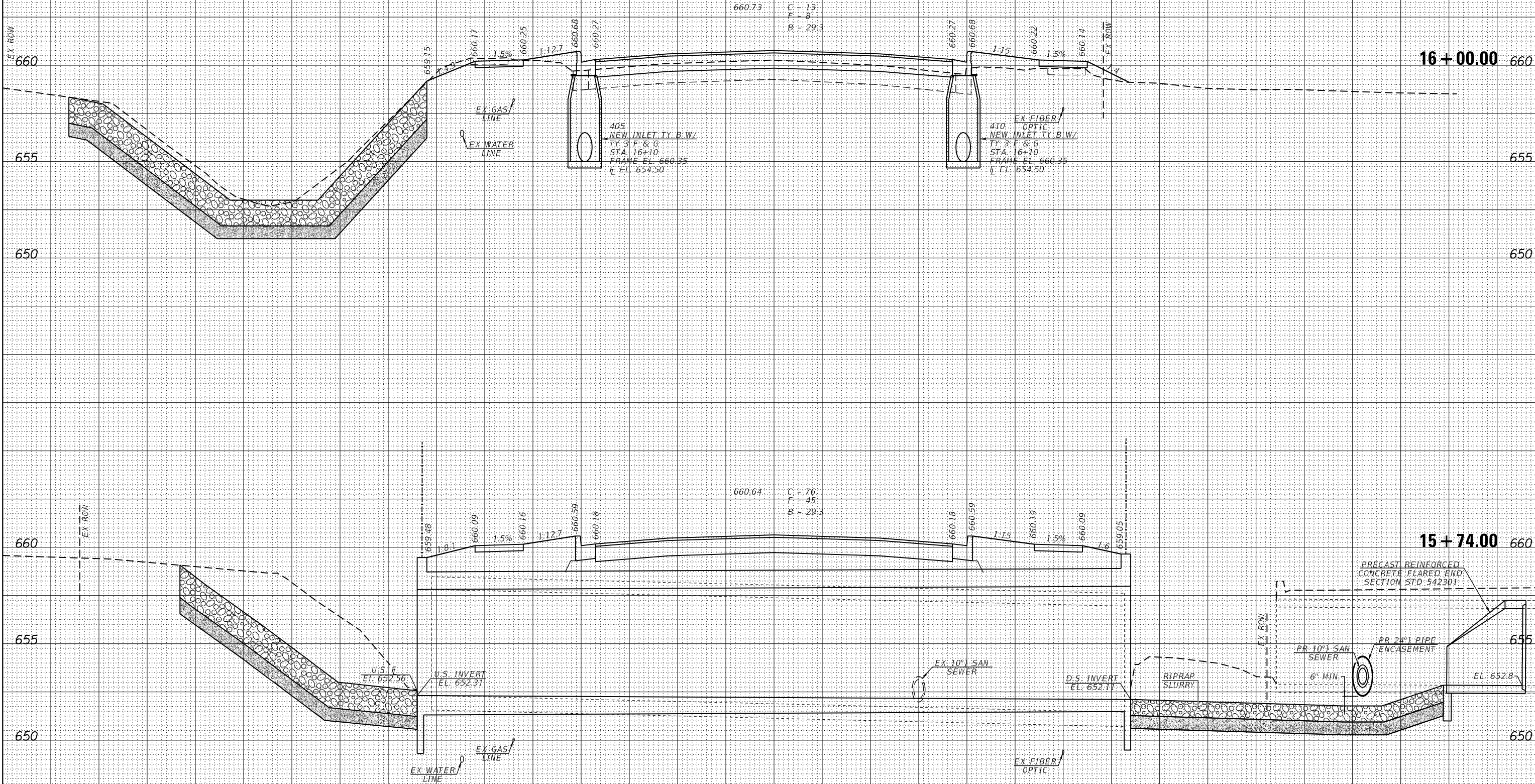
CROSS SECTIONS - IL 4

SCALE: SHEET 5 OF 9 SHEETS STA. 15+74.00 TO STA. 16+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	53
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				

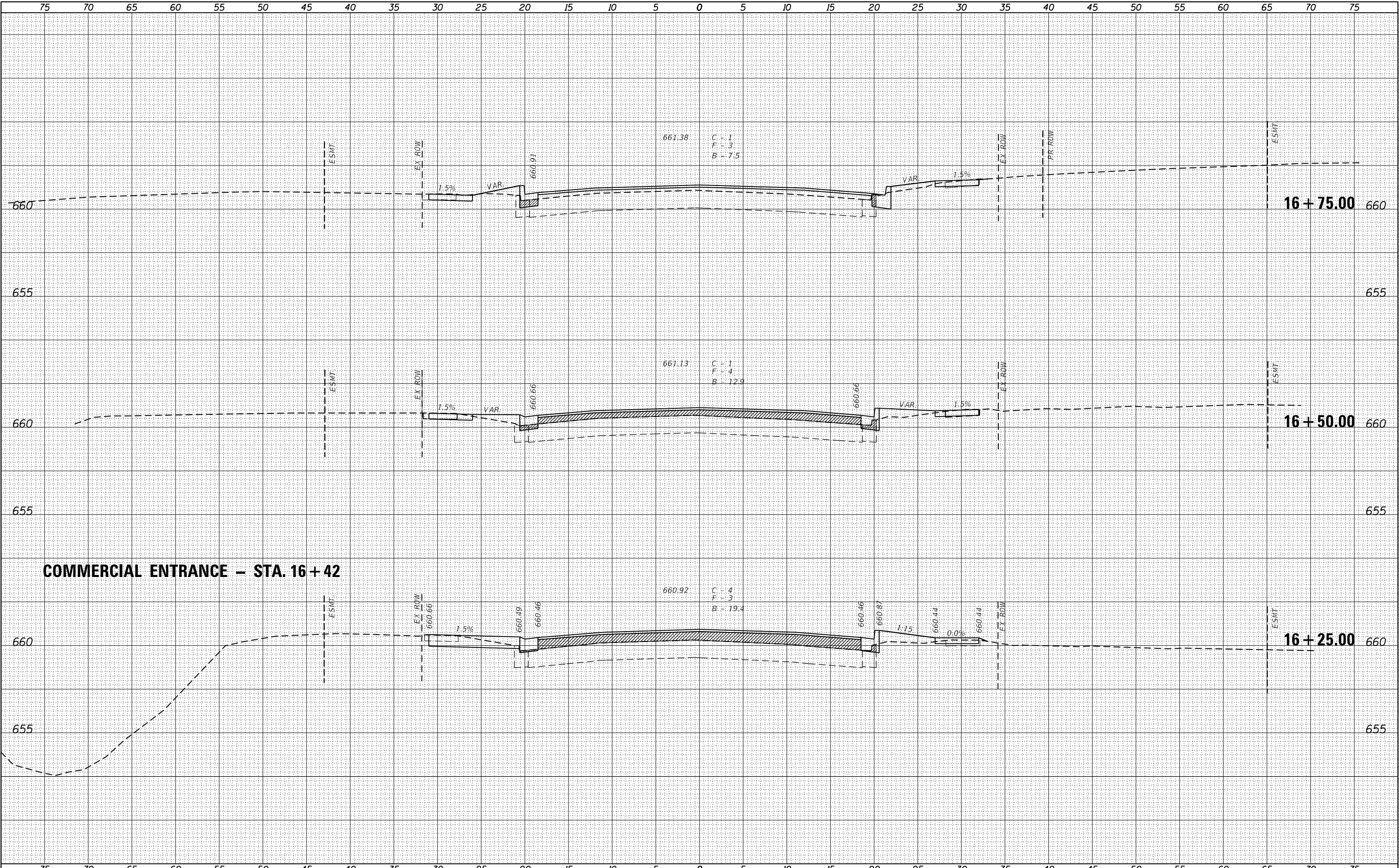
TRANSITION SIDEWALK CROSS SLOPE FROM
STA. 16+00 TO STA. 16+25 LT.

TRANSITION SIDEWALK CROSS SLOPE FROM
STA. 16+00 TO STA. 16+50 RT.



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

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



COMMERCIAL ENTRANCE – STA. 16+42

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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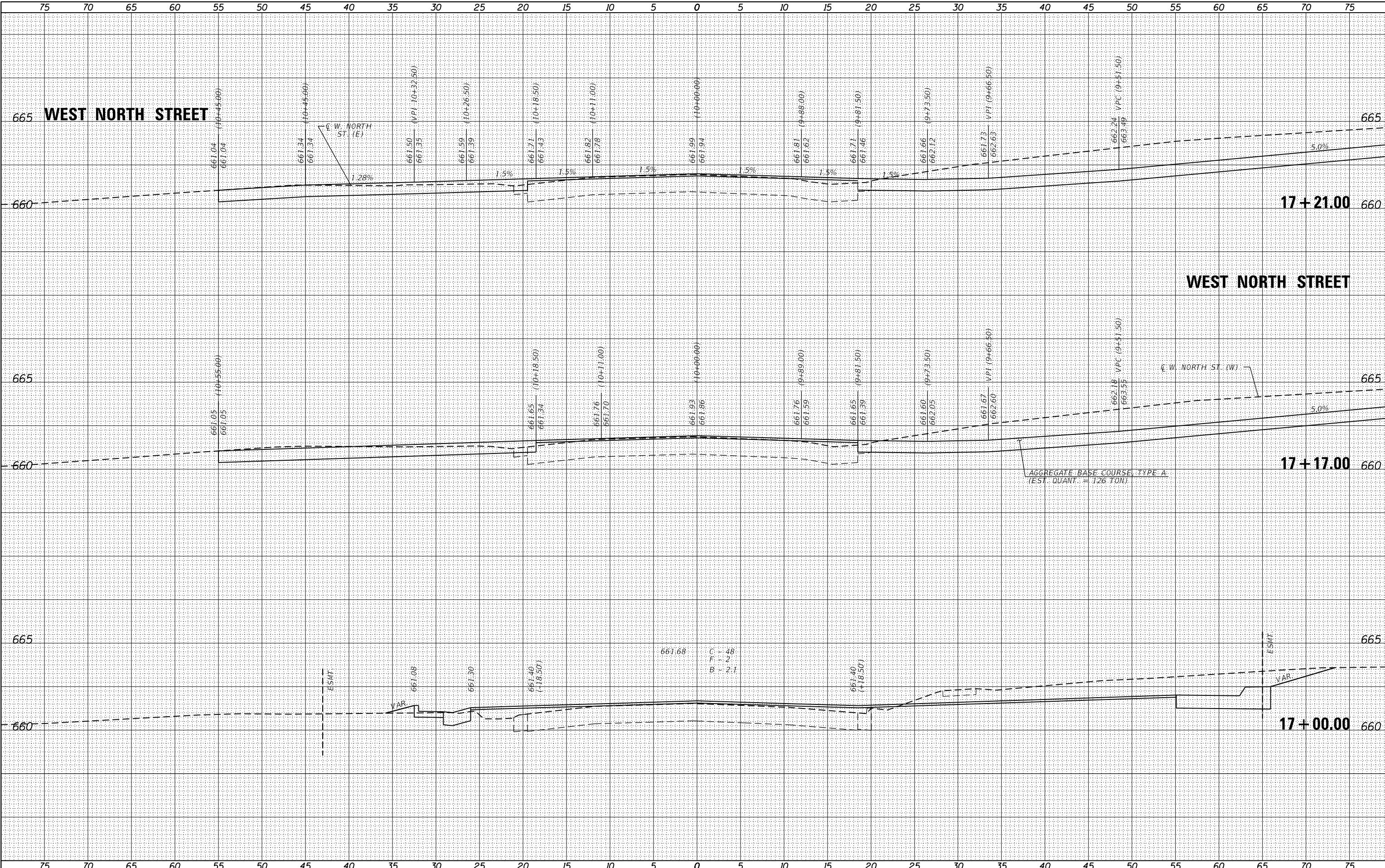
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 7 OF 9 SHEETS STA. 17+00.00 TO STA. 17+21.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	55
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



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

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
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NO.	AREAS CHECKED		

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IL. Design Firm No. 184-001939

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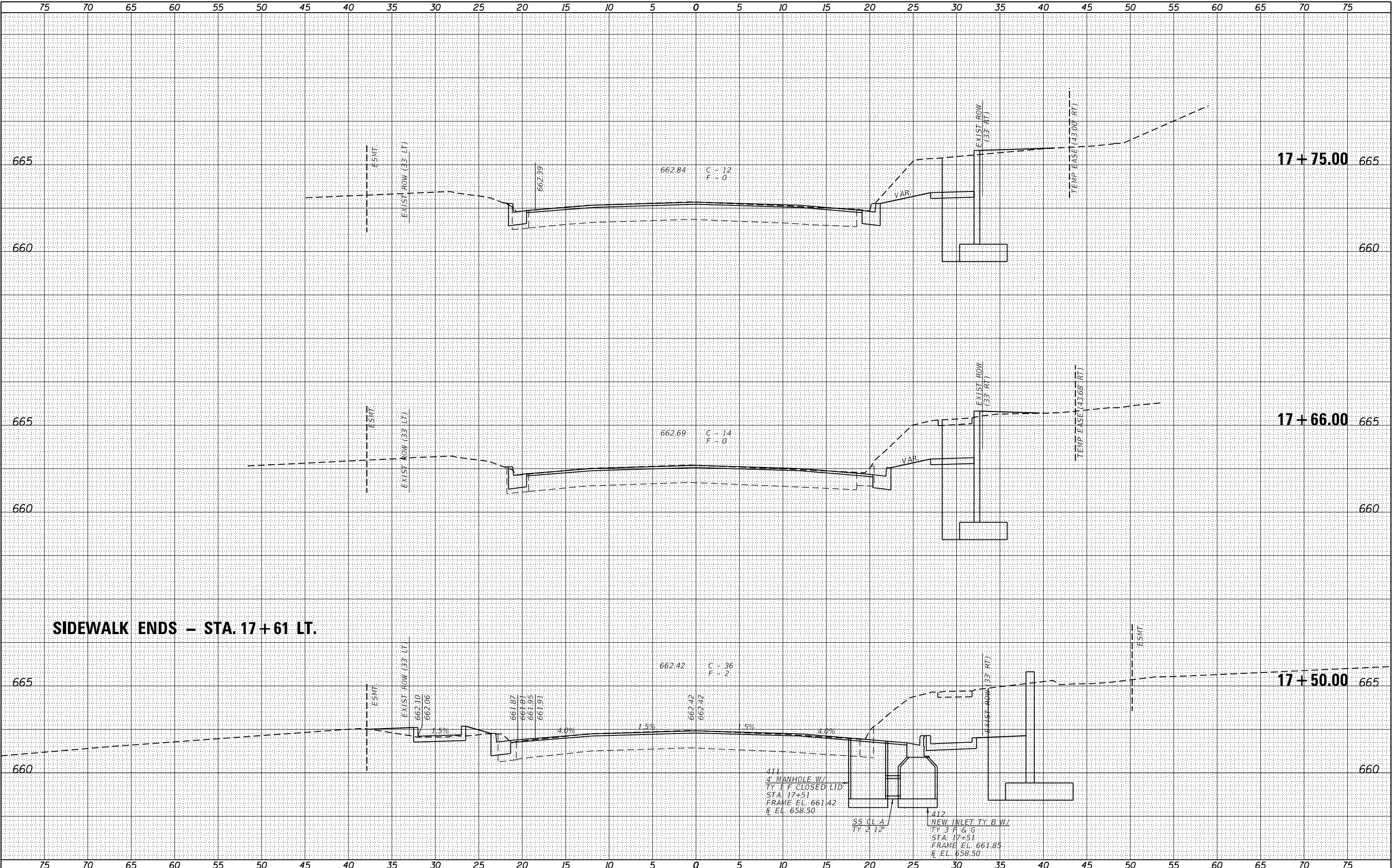
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 8 OF 9 SHEETS STA. 17+50.00 TO STA. 17+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	56
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: \$MODELNAME\$
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VK VEENSTRA & KIMM INC.
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IL. Design Firm No. 184-001939

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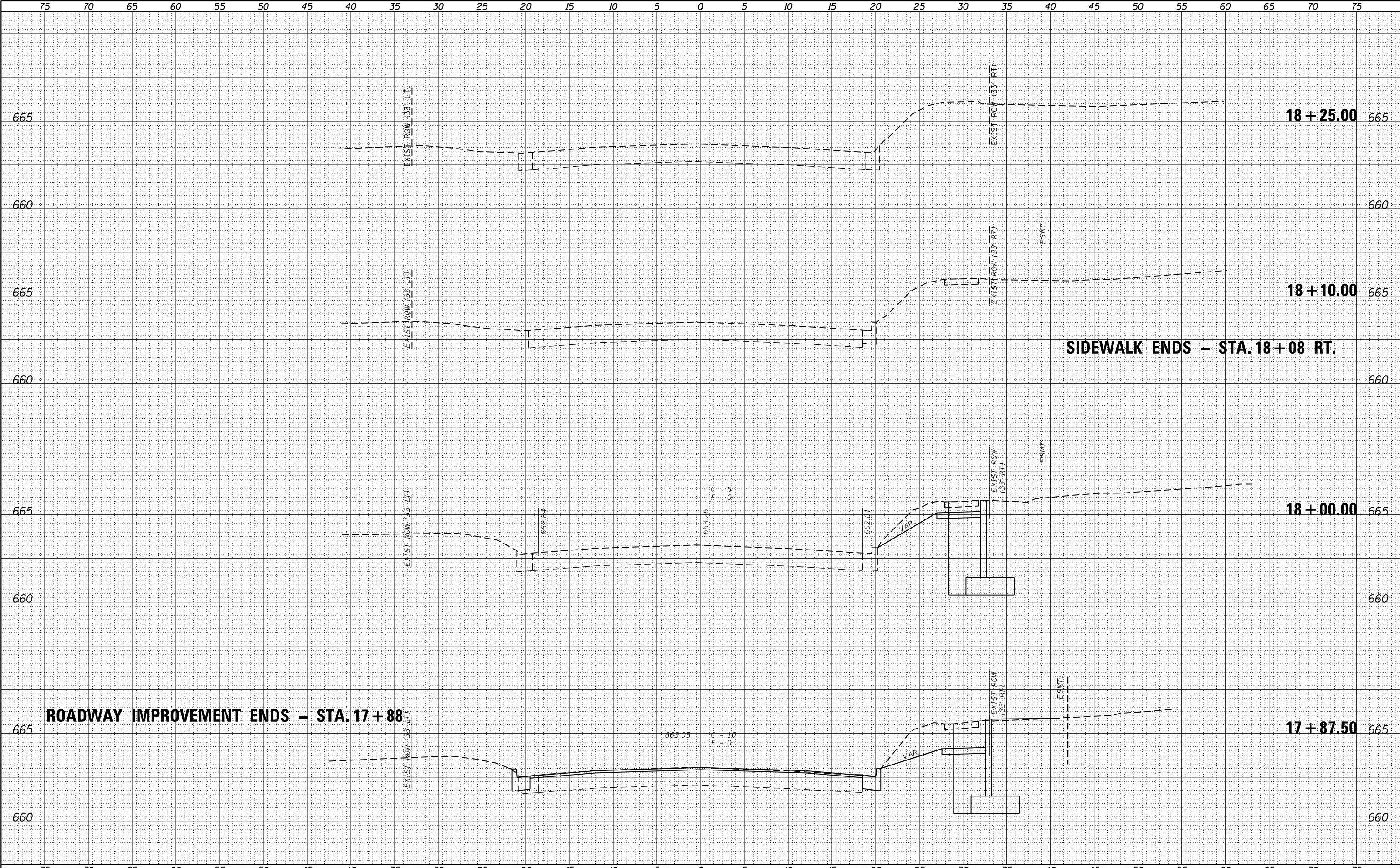
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 4

SCALE: SHEET 9 OF 9 SHEETS STA. 17+87.50 TO STA. 18+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	57
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



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

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VK VEENSTRA
& KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

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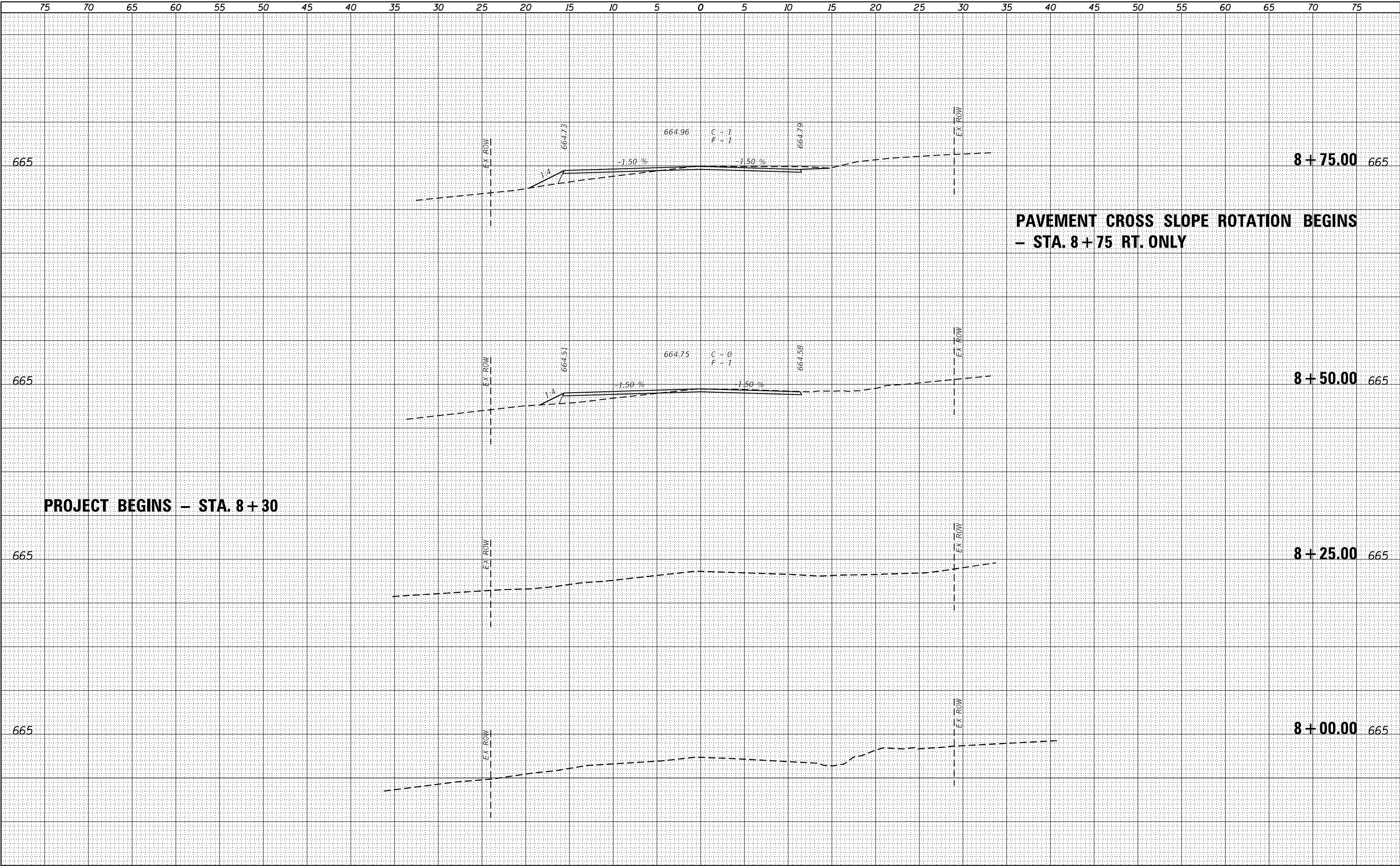
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - W NORTH ST

SCALE: SHEET 1 OF 3 SHEETS STA. 8+00.00 TO STA. 8+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	58
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



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

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VK VEENSTRA
& KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

USER NAME = \$USERS\$
PLOT SCALE = \$SCALE\$
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DESIGNED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - W NORTH ST

SCALE: SHEET 2 OF 3 SHEETS STA. 9+00.00 TO STA. 9+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	59
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		

PAVEMENT CROSS SLOPE ROTATION ENDS
- STA. 9+25 RT. ONLY

665 9 + 50.00 665

665 9 + 25.00 665

NEW AGGREGATE BASE COURSE TY. A 8"
BEGINS - STA. 8+80

AGGREGATE TYPE B 6" P.E. & SUMMIT - STA. 9+00 RT.

665 9 + 00.00 665

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

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

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VK VEENSTRA
& KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

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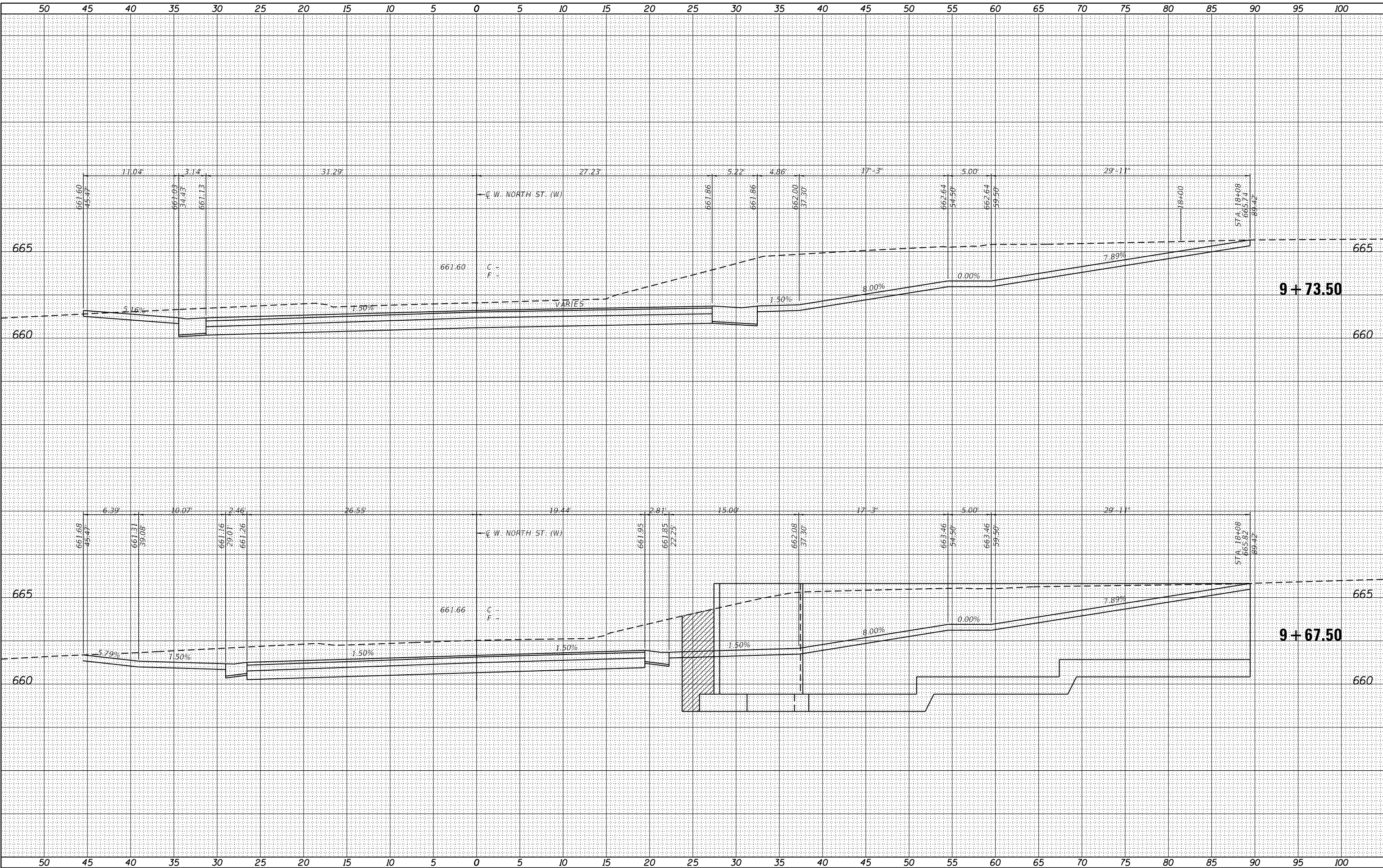
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - W NORTH ST

SCALE: SHEET 3 OF 3 SHEETS STA. 9+67.50 TO STA. 9+73.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	60
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



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

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

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VK VEENSTRA
& KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

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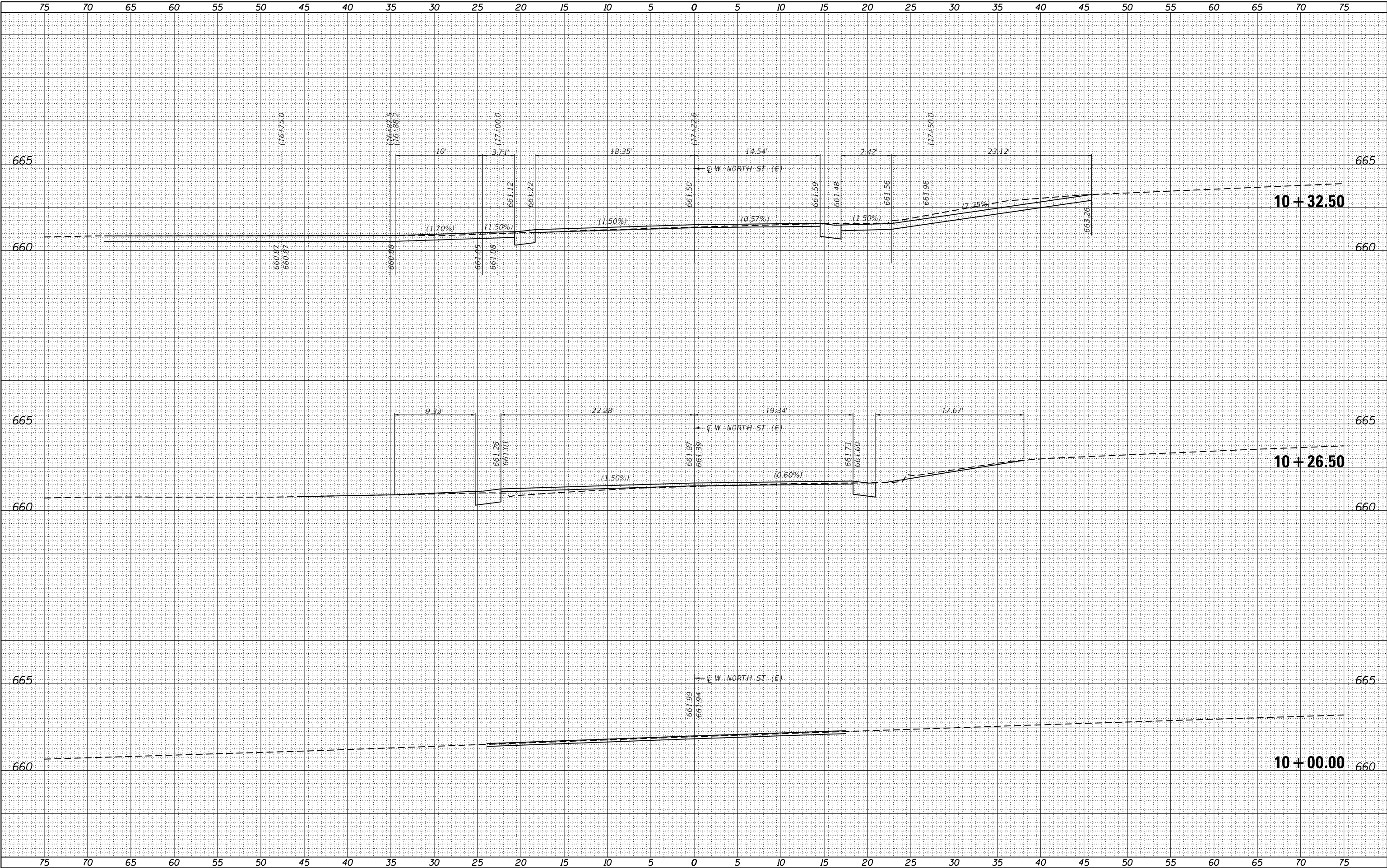
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - E NORTH ST

SCALE: SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 10+32.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	61
CONTRACT NO. 72C80				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: \$MODELNAME\$
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VK VEENSTRA
& KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

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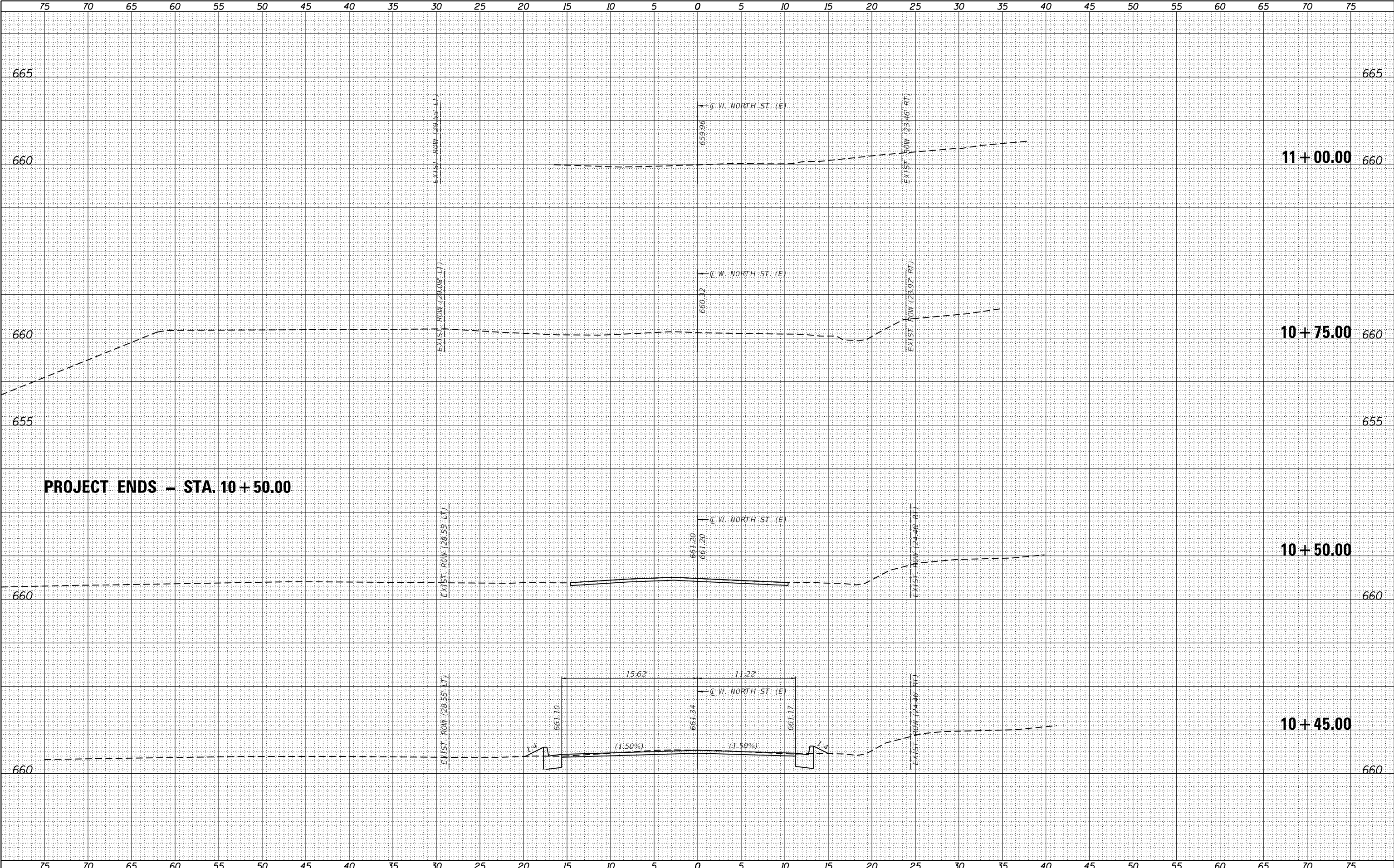
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - E NORTH ST

SCALE: SHEET 2 OF 2 SHEETS STA. 10+45.00 TO STA. 11+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R. C. N. SW	MACOUPIN	64	62
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		



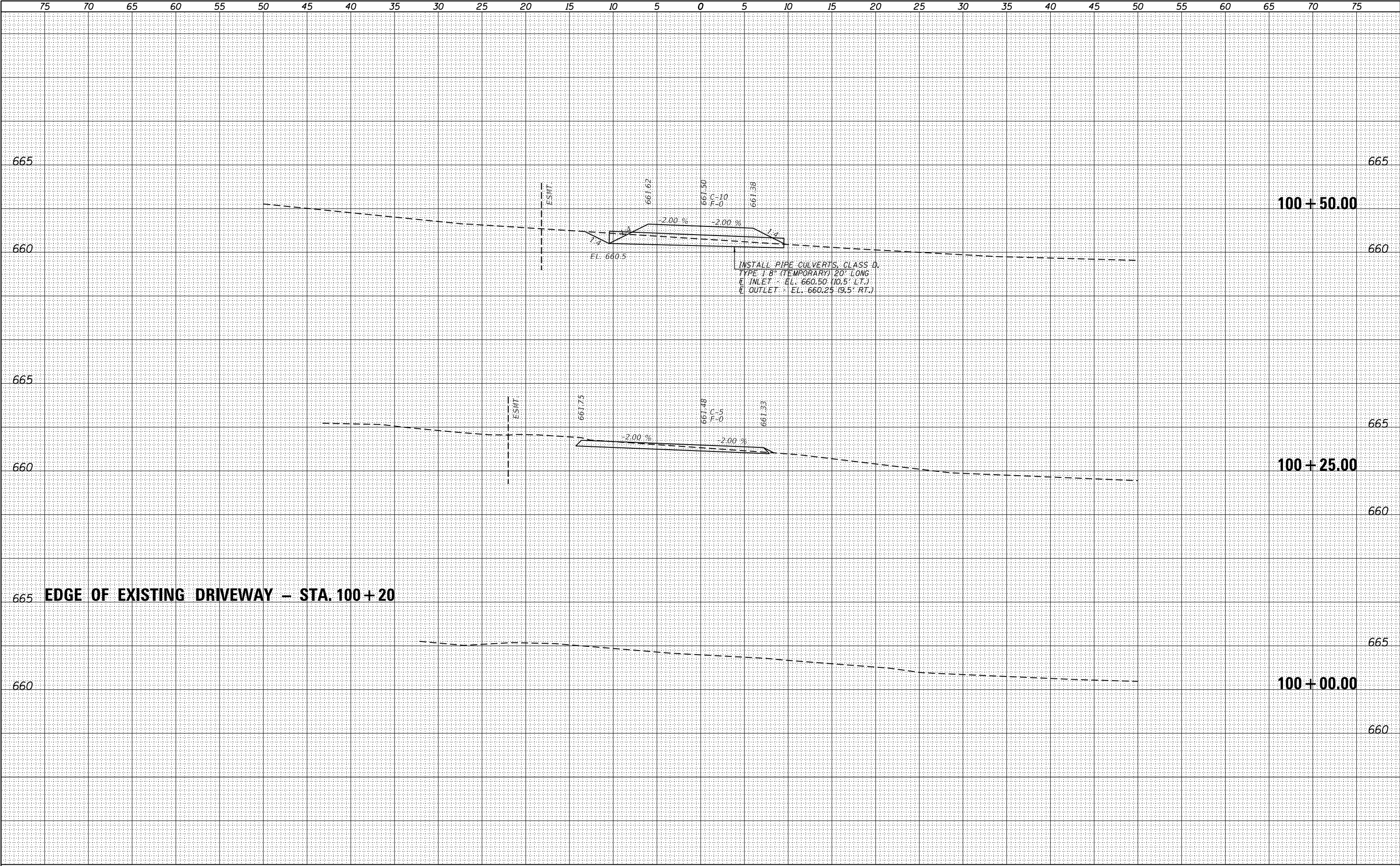
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			PLOTTED	
			TEMPLATE	
			NOTE BOOK	

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

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PLOT DATE = \$DATES\$	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	63
CONTRACT NO. 72C80				
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	NO.	SURVEYED	BY	DATE
		PLOTTED		
		TEMPLATE		
		AREAS		
CHECKED				

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE
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		TEMPLATE		
		AREAS		
CHECKED				

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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(D) R, C, N, SW	MACOUPIN	64	64
CONTRACT NO. 72C80				
ILLINOIS		FED. AID PROJECT		

