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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. RTE 662 (IL ROUTE 4)
SECTION D6 2015 HSRR
PROJECT HSR-0662 (069)
PAVEMENT & RAIL CROSSING RECONSTRUCTION
MACOUPIN COUNTY

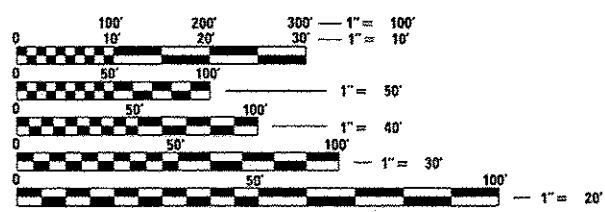
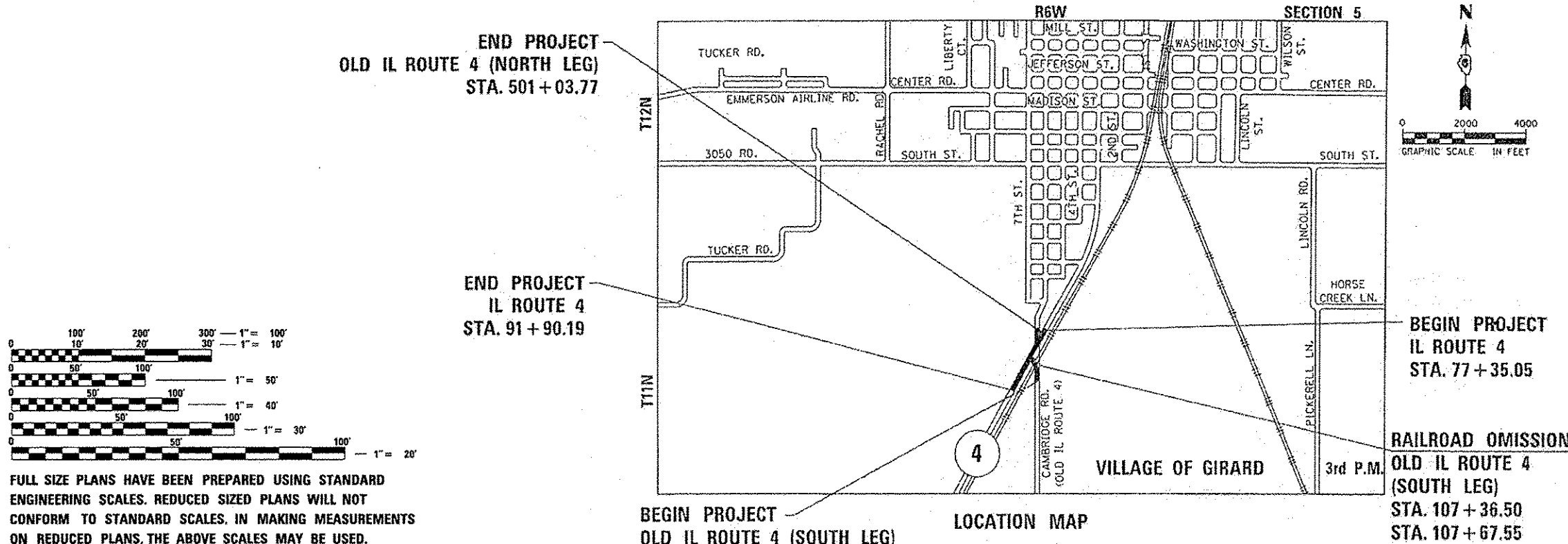
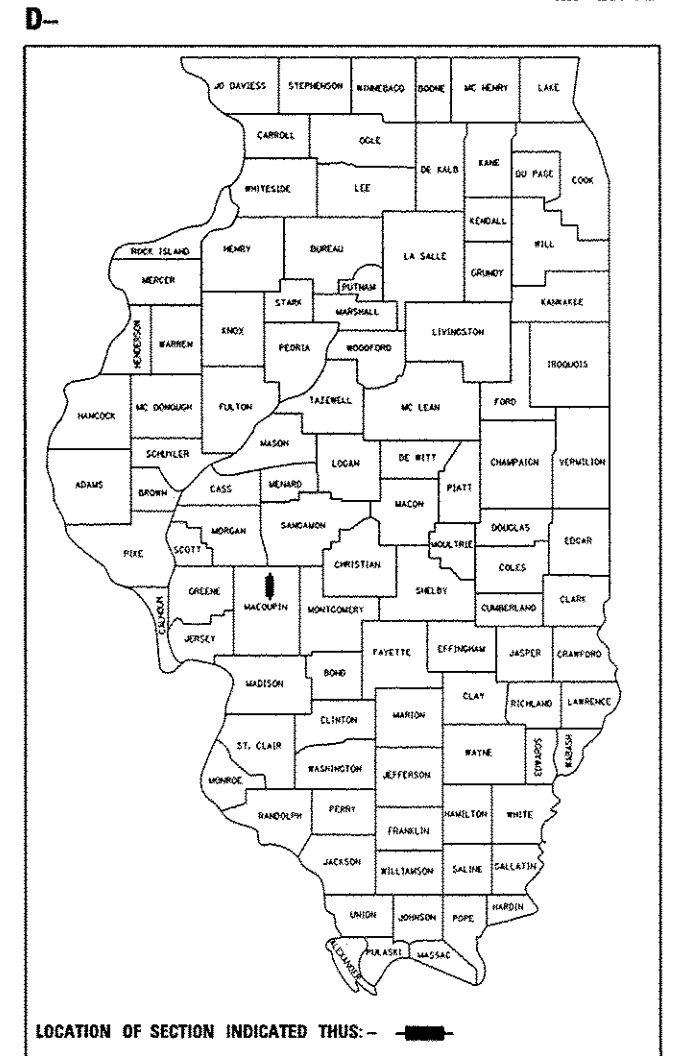
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	1
		ILLINOIS	CONTRACT NO. 72694	

DOT# 294371W
MP 211.82

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION = RURAL MINOR ARTERIAL
 2012 ADT = 3,630 (2035 ADT = 4,570)
 DESIGN SPEED = 60 MPH
 DESIGN EXCEPTIONS = K-VALUE, LENGTH OF VERTICAL CURVE
 P.V. = 89% S.U. = 8% M.U. = 3%

C-96-065-14



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.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

DISTRICT 6 NO. 217-782-7301
 PROJECT ENGINEER: KEITH DONOVAN - (217)782-4761
 UNIT CHIEF:
 TOWNSHIP: NILWOOD
 CONTRACT NO. 72694

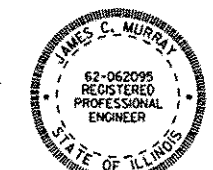
BEGIN PROJECT
 OLD IL ROUTE 4 (SOUTH LEG)
 STA. 102 + 15.00

LOCATION MAP

	NET LENGTH	GROSS LENGTH
IL RTE 4	1455.14 FT (0.28 MI)	1455.14 FT (0.28 MI)
OLD IL ROUTE 4 (NORTH LEG)	103.77 FT (0.02 MI)	103.77 FT (0.02 MI)
OLD IL ROUTE 4 (SOUTH LEG)	649.34 FT (0.12 MI)	680.39 FT (0.13 MI)
PROJECT TOTAL	2208.25 FT (0.42 MI)	2239.30 FT (0.43 MI)

BEGIN PROJECT
 IL ROUTE 4
 STA. 77 + 35.05

RAILROAD OMISSION
 OLD IL ROUTE 4
 (SOUTH LEG)
 STA. 107 + 36.50
 STA. 107 + 67.55



JAMES C. MURRAY, P.E.
 IL. REG. P.E. NO. 62-062095
 EXPIRES: NOVEMBER 30, 2015
 DATE: 10/02/15

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED October 16 2015
Roger A. Dinkelmann
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 4 2015
John D. Baranzelli P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

Dec 4 2015
Omer Osman, P.E./S
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

AECOM AECOM TECHNICAL SERVICES, INC.
 1001 HIGHLANDS PLAZA DRIVE, SUITE 300
 ST. LOUIS, MISSOURI 63110
 PH. 314-429-0100

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
642006	SHOULDER RUMBLE STRIPS, 8 IN.
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701901-05	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES OF A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 18-6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

HMA MIXTURE REQUIREMENTS

LOCATION	IL ROUTE 4 OLD IL ROUTE 4 (SOUTH LEG) OLD IL ROUTE 4 (NORTH LEG)	IL ROUTE 4 OLD IL ROUTE 4 (SOUTH LEG) OLD IL ROUTE 4 (NORTH LEG)	ENTRANCES
MIX USE	HMA SURFACE, TOP 1.5" HMA SHOULDER, & INCIDENTALS	HMA BINDER, BASE COURSE, & LOWER LIFTS HMA SHOULDER	INCIDENTALS
PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N=50
MIX COMPOSITION	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE	MIX "C"	N/A	MIX "C"
QUALITY MANAGEMENT	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A	N/A

COMMITMENTS

ALL EMERGENCY SERVICES, LOCAL POLICE, FIRE DEPARTMENTS, UTILITIES, AND SCHOOL DISTRICTS, SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 7 DAYS PRIOR TO ANY ROAD CLOSURES OR CHANGES IN TRAFFIC PATTERNS.

HIGH SPEED RAIL PROJECT MANAGEMENT TEAM WILL COORDINATE WITH THE UPRR TO ENSURE RAILROAD CROSSING SURFACES ARE WIDE ENOUGH FOR EACH STAGE OF IDOT CONSTRUCTION.

CONTRACTOR SHALL PROVIDE HISTORIC ROUTE 66 PAVEMENT SAMPLES PER SPECIAL PROVISIONS.

GENERAL NOTES

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 7 DAYS PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR SHALL DEVELOP A PLAN TO ACCOMPLISH THIS WORK AND MINIMIZE DISRUPTION OF ACCESS. THIS PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

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

AGGREGATE SHOULDER REMOVAL SHALL BE INCLUDED WITH EARTH EXCAVATION.

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

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE COURSE.

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

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

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

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

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

BENCHMARKS FOR THE PROJECT ARE DESCRIBED IN THE PLANS AND ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL BEARINGS AND COORDINATES REFERENCED IN THE PLAN DRAWINGS AND ALL CONTROL COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. THE CONTRACTOR SHALL CONTACT THE MUNICIPALITY FOR ANY MUNICIPAL OWNED UTILITIES. (MINIMUM 48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR SHALL CALL THE UNION PACIFIC "CALL BEFORE YOU DIG" OPERATION AT 1-800-336-9193 FOR FIELD LOCATIONS OF BURIED FIBER OPTIC CABLES IN UNION PACIFIC RIGHT OF WAY.

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE LOCAL AGENCIES, OWNERS, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS.

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

10-FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE ITEM OF WORK SPECIFIED.

THE CONTRACTOR SHALL MAKE FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF PAVEMENTS, CONCRETE CURB AND GUTTERS, SIDEWALKS AND DRIVEWAYS AS SPECIFIED, OR AS DIRECTED BY THE ENGINEER. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR REMOVAL OF THE SPECIFIED ITEM IN THE CONTRACT.

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, OR DITCHES IN ACCORDANCE WITH SECTION 611.03 OF THE STANDARD SPECIFICATIONS.

EXISTING FIELD TILES WITHIN THE LIMITS OF THE PAVEMENT STRUCTURE AND OR PAVED SHOULDERS SHALL BE REMOVED OR CRUSHED IN ACCORDANCE WITH SECTION 611.03 OF THE STANDARD SPECIFICATIONS.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

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

GRANULAR MATERIALS	2.05 TONS/CU YD
HMA RESURFACING	112 LBS/50 YD/IN
SHORT TERM PAVEMENT MARKING	10 FT/100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLOWYS	0.0003 TONS/50 YD
LEVEL BINDER (HAND METHOD)	0.0005 TONS/50 YD
SUPPLEMENTAL WATERING	3 GAL/50 YD/APPLICATION
AGGREGATE DITCH CHECKS	5 TONS AGGREGATE
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE CONTRACT.

THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER. NO EXTRA COMPENSATION SHALL BE ALLOWED THE CONTRACTOR FOR THIS WORK.

PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.

A PROOF ROLL OF THE SUBGRADE IS REQUIRED PRIOR TO PLACING THE AGGREGATE BASE AND MUST BE OBSERVED BY THE ENGINEER.

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

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. REDUCED SIZED PLANS CAN BE PRINTED TO SCALE FOR USE IN THE FIELD.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

1. SPRINT
2. FRONTIER COMMUNICATIONS (FO) & (T)
3. RURAL ELECTRIC CONVENIENCE COOPERATIVE
4. AMEREN ILLINOIS
5. NEW WAVE COMMUNICATIONS
6. ZAYO/ FNA 360 NETWORKS
7. AT&T - TRANSMISSION
8. AT&T - DISTRIBUTION

NON-JULIE MEMBERS WITHIN THE LIMITS OF IMPROVEMENT ARE:

1. UNION PACIFIC RAILROAD COMPANY

DISTRICT SIX	
EXAMINED <i>September 29th</i> 20 <i>15</i>	
<i>John C. W...</i>	
OPERATIONS ENGINEER	
EXAMINED <i>September 29</i> 20 <i>15</i>	
<i>Ron...</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <i>September 14</i> 20 <i>15</i>	
<i>Jeffrey P. My...</i>	
PROGRAM DEVELOPMENT ENGINEER	

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PLOT DATE: 10/2/2015	CHECKED - JCM	REVISED -
	DATE - 10/02/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS, GENERAL NOTES
AND COMMITMENTS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	2
				CONTRACT NO. 72694
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				ROADWAY 294371W
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% FEDERAL
				0004
20200100	EARTH EXCAVATION	CU YD	2095	2095
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	210	210
20400800	FURNISHED EXCAVATION	CU YD	3513	3513
20800150	TRENCH BACKFILL	CU YD	93	93
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	11770	11770
25000200	SEEDING, CLASS 2	ACRE	2.43	2.43
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	218	218
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	218	218
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	218	218
25100630	EROSION CONTROL BLANKET	SO YD	1711	1711
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	243	243
28000305	TEMPORARY DITCH CHECKS	FOOT	828	828
28000400	PERIMETER EROSION BARRIER	FOOT	4808	4808
28000500	INLET AND PIPE PROTECTION	EACH	8	8

*=SPECIALTY ITEM

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	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSR	MACOUPIN	69	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72694	

SUMMARY OF QUANTITIES				ROADWAY 294371W
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% FEDERAL
				0004
44213200	SAW CUTS	FOOT	44	44
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SO YD	199	199
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SO YD	632	632
48203100	HOT-MIX ASPHALT SHOULDERS	TON	474	474
50104400	CONCRETE HEADWALL REMOVAL	EACH	6	6
50105220	PIPE CULVERT REMOVAL	FOOT	302	302
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	30	30
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	60	60
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	161	161
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	112	112
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	136	136
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6

*=SPECIALTY ITEM



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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72G94	

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SUMMARY OF QUANTITIES				ROADWAY 294371W
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% FEDERAL
				0004
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	90	90
60500040	REMOVING MANHOLES	EACH	1	1
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	2637	2637
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	4	4
67100100	MOBILIZATION	LSUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	50	50
70300100	SHORT TERM PAVEMENT MARKING	FOOT	20102	20102
* 72000100	SIGN PANEL - TYPE 1	SQ FT	157	157
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1

*=SPECIALTY ITEM



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	DRAWN - DAB	REVISED -
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 4 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSR	MACOUPIN	69	6
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				

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SUMMARY OF QUANTITIES				ROADWAY 294371W	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% FEDERAL	
				0004	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	463	463	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	122	122	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	114	114	
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	7007	7007	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	82	82	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	52	52	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25	25	
78300100	PAVEMENT MARKING REMOVAL	SO FT	10170	10170	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	25	25	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SO YD	352	352	
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
∅ Z0076600	TRAINEES	Hour	500	500	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500	500	
X030001	HISTORIC PAVEMENT REMOVAL AND STORAGE SPECIAL	L SUM	1	1	

*=SPECIALTY ITEM

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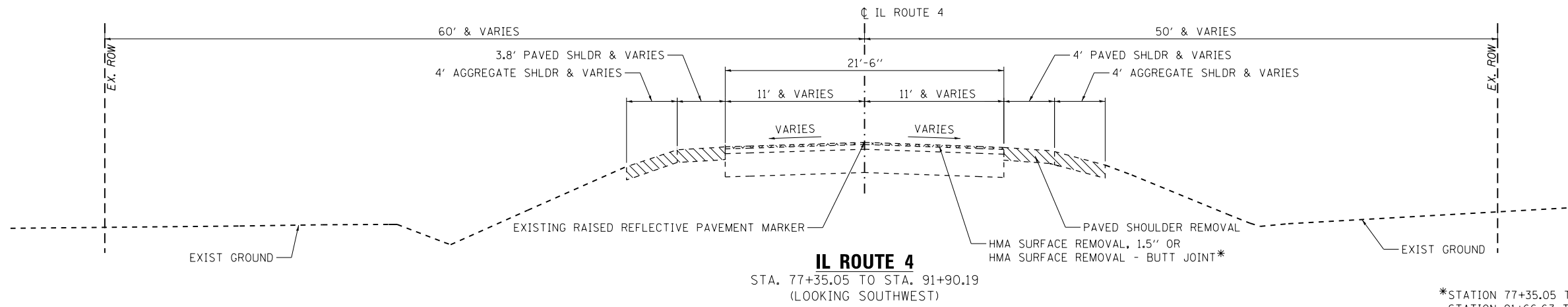


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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

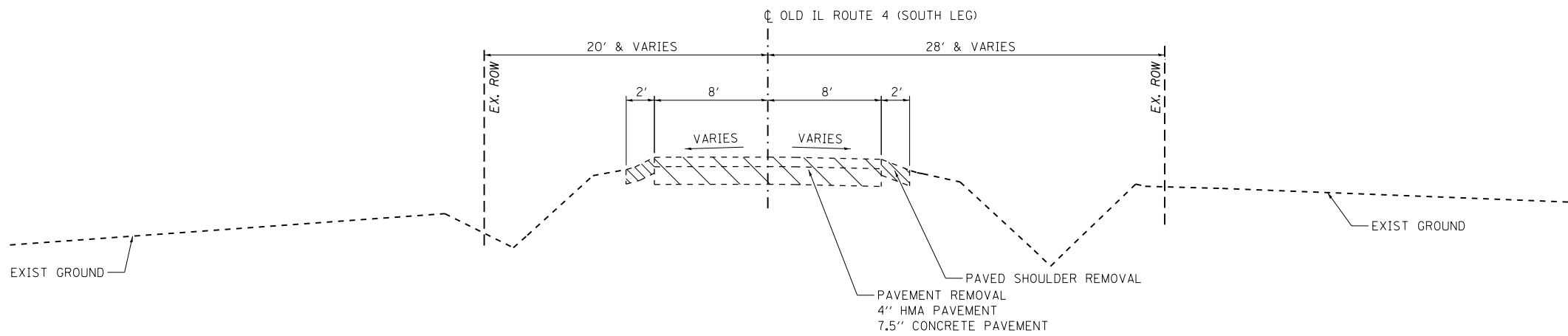
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

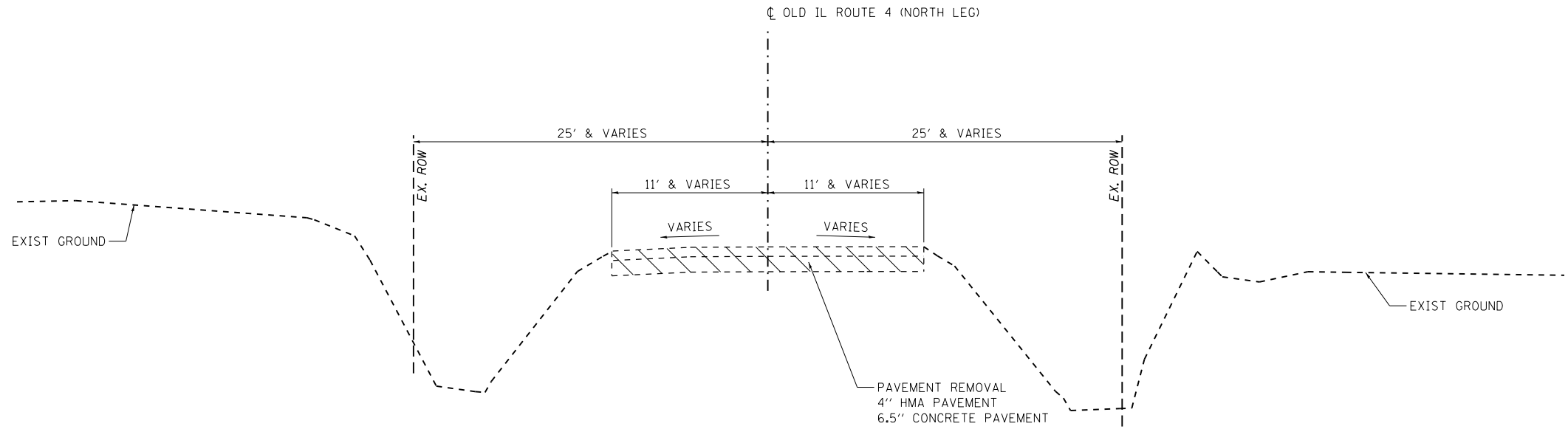
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	7
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



*STATION 77+35.05 TO STATION 77+65.05
STATION 91+66.63 TO STATION 91+90.19



OLD IL ROUTE 4 (SOUTH LEG)
STA. 402+15.00 TO STA. 404+10.44
(LOOKING NORTH)



OLD IL ROUTE 4 (NORTH LEG)
STA. 413+78.36 TO STA. 415+31.92
(LOOKING NORTH)

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	HMA SURFACE REMOVAL, 1.5" OR REMOVAL-BUTT JOINT

NOTE: SEE REMOVAL PLANS FOR PAVEMENT REMOVAL LIMITS

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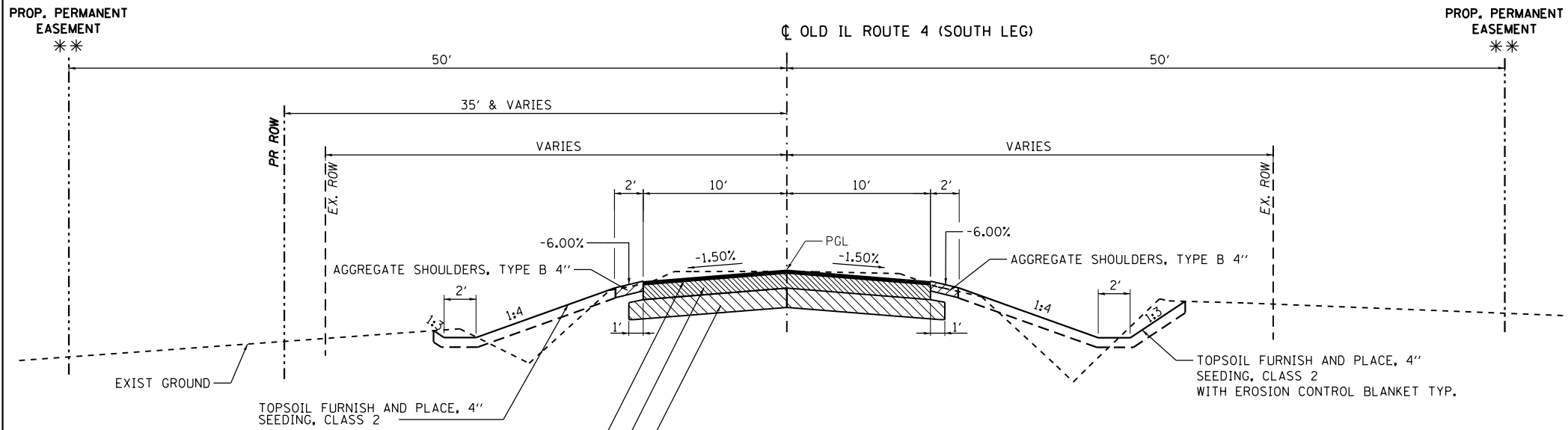
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	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
IL ROUTE 4 & OLD IL ROUTE 4**

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

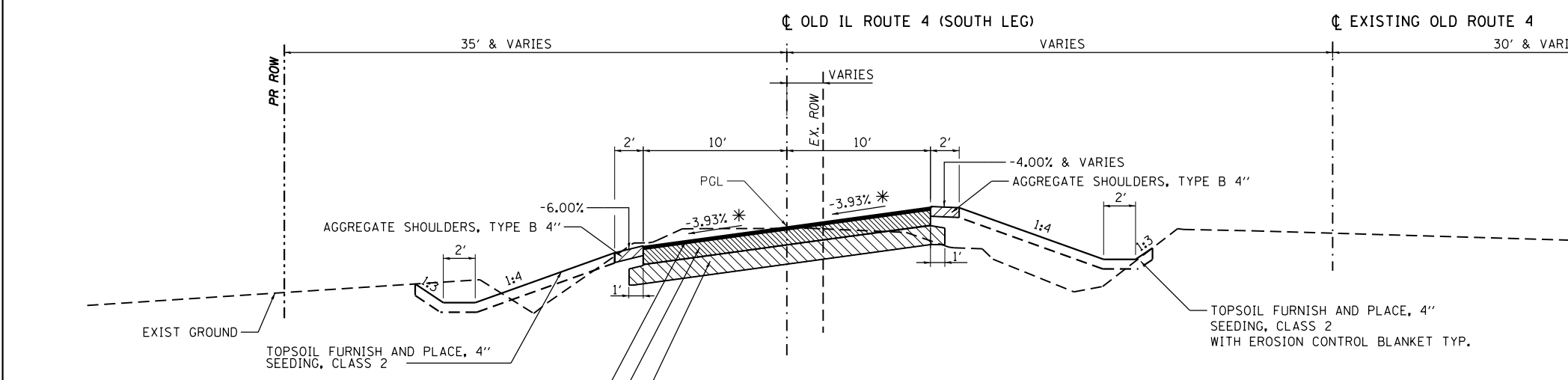
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	8
CONTRACT NO. 72094			ILLINOIS FED. AID PROJECT	



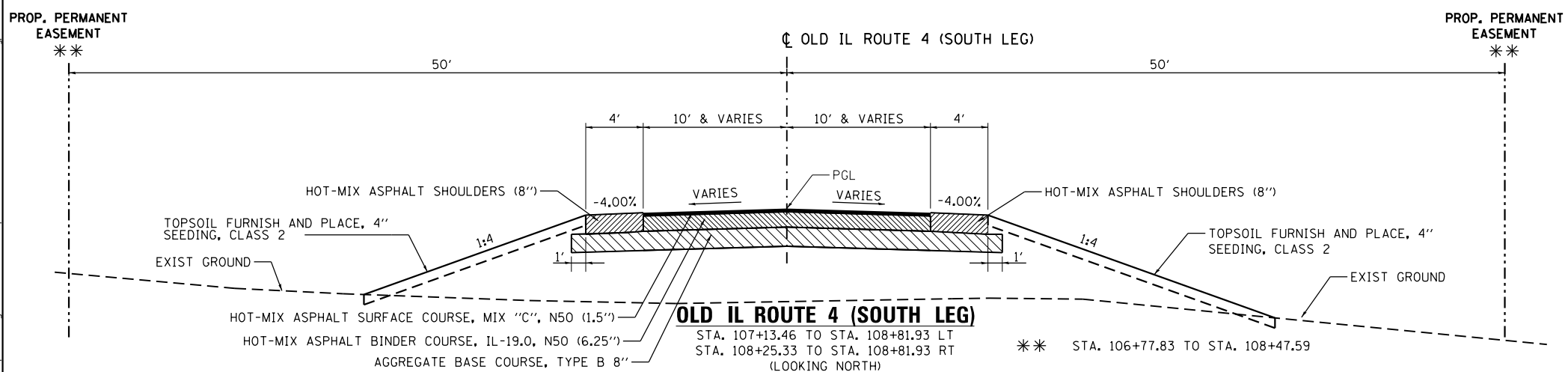
OLD IL ROUTE 4 (SOUTH LEG)
 STA. 102+15.00 TO STA. 102+24.24
 STA. 106+85.96 TO STA. 107+13.46 LT
 STA. 106+85.96 TO STA. 108+25.33 RT
 (LOOKING NORTH) * * STA. 106+77.83 TO STA. 108+47.59

STRUCTURAL PAVEMENT DESIGN INFORMATION
 OLD IL ROUTE 4 (SOUTH LEG)

STRUCTURAL DESIGN TRAFFIC:	YEAR 2035
PV = 232	SU = 22 MU = 0
ROAD / STREET CLASSIFICATION:	CLASS IV
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR: Actual TF =	0.05
PG GRADE: BINDER =	PG 64-22 SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR



OLD IL ROUTE 4 (SOUTH LEG)
 STA. 102+24.24 TO STA. 106+85.96
 (LOOKING NORTH) * SEE DISTRICT 6 DETAILS FOR SUPER ELEVATION TRANSITIONS.



OLD IL ROUTE 4 (SOUTH LEG)
 STA. 107+13.46 TO STA. 108+81.93 LT
 STA. 108+25.33 TO STA. 108+81.93 RT
 (LOOKING NORTH) * * STA. 106+77.83 TO STA. 108+47.59

LEGEND

- AGGREGATE SHOULDERS
- HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- AGGREGATE BASE COURSE
- HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
- HOT-MIX ASPHALT SHOULDERS

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USER NAME = drew.brout	DESIGNED - MTL	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS		
OLD IL ROUTE 4 (SOUTH LEG)		
SCALE: NTS	SHEET 2 OF 2 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	10
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE								
			20200100	20201200				20400800
			EARTH EXCAVATION	•REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	••EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (SHORTAGE)	FURNISHED EXCAVATION
STATION	STATION	LOCATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
77+35.05	91+90.19	IL RT 4	1652	165	1189	733	456	(456)
500+00.00	501+03.77	N LEG	202	20	145	6	139	(139)
100+00.00	108+56.82	S LEG	243	24	175	4283	(4, 108)	4, 108
TOTALS			2, 095	210	1, 509	5, 022	(3, 513)	3, 513

- UNSUITABLE EXCAVATION MATERIAL AT 10% OF CUT W/ NO OVER EXCAVATION REQUIRED
- EARTH SHRINKAGE FACTOR = 20%

PAVEMENT REMOVALS								
				40600982	44000100	44000155	44004250	44213200
				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	PAVED SHOULDER REMOVAL	SAWCUTS
STATION	STATION	STREET	OFFSET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT
77+35.05	81+00.00	IL RT 4	-	72	34	773		22
81+00.00	91+90.19	IL RT 4	-		37	2523		22
81+00.00	91+90.19	IL RT 4	LT				1021	
81+00.00	91+90.19	IL RT 4	RT				905	
91+66.63	91+90.19	IL RT 4	-	57				
409+00.00	410+60.81	IL RT 4 (EX.)	-		296			
411+23.45	412+68.08	IL RT 4 (EX.)	-		248			
402+15.00	405+00.00	IL RT 4 (EX.)	-		492			
402+15.00	405+00.00	IL RT 4 (EX.)	LT				66	
402+15.00	405+00.00	IL RT 4 (EX.)	RT				90	
77+35.05	81+00.00	IL RT 4	LT				301	
77+35.05	81+00.00	IL RT 4	RT				214	
412+68.08	413+55.99	IL RT 4 (EX.)	-		169			
74+61.54	76+85.28	IL RT 4	RT					
414+01.53	421+76.43	IL RT 4 (EX.)	-		413			
TOTALS				129	1689	3296	2597	44

LANDSCAPING AND EROSION CONTROL																
				21101615	25000200	25000400	25000500	25000600	25100630	28000250	28000305	28000400	28000500	28100107	28200200	Z0013796
				TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A4	FILTER FABRIC	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
STATION	STATION	STREET	OFFSET	SQ YD	ACRE	POUND	POUND	POUND	SQ YD	POUND	FOOT	FOOT	EACH	SQ YD	SQ YD	SQ YD
77+35.05	91+90.19	IL RT 4	LT	5538	1.14	103	103	103	430	114	276	1587	2	176	176	
77+35.05	91+90.19	IL RT 4	RT	3403	0.70	63	63	63	357	70	322	1500	3			
100+60.87	107+40.80	IL RT 4 (S LEG)	LT	1144	0.24	21	21	21	638	24	138	667	1			74
102+15.00	107+40.80	IL RT 4 (S LEG)	RT	1685	0.35	31	31	31	286	35	92	1054	2			73
500+00.00	501+03.77	IL RT 4 (N LEG)	LT													111
500+00.00	501+03.77	IL RT 4 (N LEG)	RT													94
TOTALS				11770	2.43	218	218	218	1711	243	828	4808	8	176	176	352

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USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 1 OF 4 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	11
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				

CULVERT REMOVAL					
STATION	STREET	20800150	50105220	50104400	60500040
		TRENCH BACKFILL	PIPE CULVERT REMOVAL	CONCRETE HEADWALL REMOVAL	REMOVING MANHOLES
		CU YD	FOOT	EACH	EACH
81+74.77	IL RT 4		44	2	
412+15.15	OLD IL RT 4		50		
78+83.72	IL RT 4		46	1	
79+05.19	IL RT 4	3	54	1	1
80+72.49	IL RT 4		78	2	
412+80.29	OLD IL RT 4		30		
TOTALS		3	302	6	1

STORM SEWER PIPE SCHEDULE													
START STA	END STA	STREET	OFFSET	20800150	542A0217	542A0220	542A0229	542A0235	542A1069	54213657	54213660	54213669	54213675
				TRENCH BACKFILL	PIPE CULVERTS, CLASS A TYPE 1 12"	PIPE CULVERTS, CLASS A TYPE 1 15"	PIPE CULVERTS, CLASS A, TYPE 1 24"	PIPE CULVERTS, CLASS A, TYPE 1 30"	PIPE CULVERTS, CLASS A, TYPE 2 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"
				CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH
78+25.00	78+25.00	IL RT 4	RT/LT	11			60					2	
81+25.00	81+25.00	IL RT 4	RT/LT	11				56					2
81+31.00	81+31.00	IL RT 4	RT/LT	11				56					2
86+54.54	87+55.51	IL RT 4	LT	26			101					2	
102+61.56	102+90.86	OLD IL RT 4 S. LEG	RT			60					4		
102+62.53	102+93.19	OLD IL RT 4 S. LEG	LT		30					2			
107+79.06	108+15.87	OLD IL RT 4 S. LEG	LT/RT	31					136			2	
TOTALS				90	30	60	161	112	136	2	4	6	4

PIPE UNDERDRAIN SCHEDULE					
START STA	END STA	STREET	OFFSET	60100060	60108200
				CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 6" (SPECIAL)
				EACH	FOOT
107+22.58	107+34.31	OLD IL RT 4 S. LEG	LT	1	28
107+22.58	107+34.31	OLD IL RT 4 S. LEG	RT	1	17
107+67.09	107+78.81	OLD IL RT 4 S. LEG	LT	1	28
107+67.09	107+78.81	OLD IL RT 4 S. LEG	RT	1	17
TOTALS				4	90

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USER NAME = drew.brwk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 2 OF 4 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	12
CONTRACT NO. 72094				
ILLINOIS FED. AID PROJECT				

PAVEMENTS - MAINLINE													
STATION	STATION	STREET	OFFSET	35102000	35600724	40600290	40603080	40603310	44201789	48101498	48101600	48203100	64200108
				AGGREGATE BASE COURSE, TYPE B 8"	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	CLASS D PATCHES, TYPE II, 12 INCH	AGGREGATE SHOULDERS, TYPE B 4"	AGGREGATE SHOULDERS, TYPE B 8"	HOT-MIX ASPHALT SHOULDERS	SHOULDER RUMBLE STRIPS, 8 INCH
				SQ YD	SQ YD	POUND	TON	TON	SQ YD	SQ YD	SQ YD	TON	FOOT
77+35.05	91+90.19	IL RT 4	LT		822	1835	626	171	34		328	151	1294
77+35.05	91+90.19	IL RT 4	RT		709	1842	630	172	31		304	147	1343
108+00.00	108+81.93	OLD IL RT 4 (S)	LT	331		277	108	26				20	
108+00.00	108+81.93	OLD IL RT 4 (S)	RT	235		176	68	16		2		20	
100+60.88	108+00.00	OLD IL RT 4 (S)	LT	949		611	237	55		86		101	
102+15.00	108+00.00	OLD IL RT 4 (S)	RT	682		590	229	53		100			
500+15.01	501+03.77	OLD IL RT 4 (N)	LT	293		167	65	16		11		23	
500+15.01	501+03.77	OLD IL RT 4 (N)	RT	291		212	83	20				12	
TOTALS				2781	1531	5710	2046	529	65	199	632	474	2637

PAVEMENT MARKINGS																
STATION	STATION	STREET	OFFSET	78004200	78004280	78009005			78009008	78009012	78100100	78300100			78300200	
				PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B INLAID -LINE 24"	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"			MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKING REMOVAL			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
				SQ FT	FOOT	FOOT			FOOT	FOOT	EACH	SQ FT			EACH	
				SOLID WHITE	SOLID WHITE	SOLID WHITE	YELLOW SKIP DASH, 10' LINE 30' SPACE	DOUBLE YELLOW (11"C-C)				WHITE (5")	YELLOW (5" SKIP DASH, 10' LINE, 30' SPACE)	WHITE (5") (TEMPORARY MARKINGS)	YELLOW (5" SKIP DASH, 10' LINE, 30' SPACE) (TEMPORARY MARKINGS)	
73+91.06	92+90.14	OLD RT. 4	LT			1727						791				
73+61.54	92+90.14	OLD RT. 4	RT			1768						804				
73+76.30	92+90.17	OLD RT. 4	CENTER				479				25		199	5568	2808	25
102+15.00	108+61.88	OLD RT. 4 (S)	LT	61	47	644										
102+15.00	108+95.39	OLD RT. 4 (S)	RT	61	52	707										
102+15.00	108+83.15	OLD RT. 4 (S)	CENTER					1304								
500+15.01	501+03.77	OLD RT. 4 (N)	LT		15	167										
500+15.01	501+03.77	OLD RT. 4 (N)	RT			68			82	52						
500+15.01	501+03.77	OLD RT. 4 (N)	CENTER					143								
SUBTOTALS				122	114	5081	479	1447	82	52	25	1595	199	5568	2808	25
TOTALS				122	114		7007		82	52	25			10170		25

PAVEMENTS - ENTRANCES AND SIDEROADS					
STATION	STREET	OFFSET	ENTRANCE TYPE / WIDTH	40200800	40201000
				•AGGREGATE SURFACE COURSE, TYPE B	AGGREGATE FOR TEMPORARY ACCESS
				TON	TON
108+01.95	OLD IL RT 4 (S)	RT	ACCESS ROAD / 10'	76	
108+01.77	OLD IL RT 4 (S)	LT	ACCESS ROAD / 10'	62	
107+12.17	OLD IL RT 4 (S)	RT	ACCESS ROAD / 10'	197	
107+02.36	OLD IL RT 4 (S)	LT	ACCESS ROAD / 10'	73	
102+76.58	OLD IL RT 4 (S)	RT	FE / 16'	19	20
102+76.58	OLD IL RT 4 (S)	LT	FE / 16'	25	20
TOTALS				452	40

- 8" DEPTH = F.E.
- 12" DEPTH = ACCESS ROADS

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USER NAME = drew.brwk	DESIGNED - MTL	REVISED -
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	13
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

TEMPORARY TRAFFIC CONTROL				
70300100				
SHORT TERM PAVEMENT MARKING				
FOOT				
STATION	STATION	STREET	WHITE	YELLOW, (11" C-C)
78+00.00	92+90.19	IL RT. 4	2981	2980
75+19.82	78+00.00	IL RT. 4	390	390
78+00.00	92+90.19	IL RT. 4	2981	2980
75+19.82	78+00.00	IL RT. 4	390	390
76+35.84	93+73.80	IL RT. 4	3310	
76+35.84	93+73.80	IL RT. 4	3310	
SUBTOTALS			13362	6740
TOTALS			20102	

SIGNING										
STREET	STATION	OFFSET		SIGN #	SIGN DESCRIPTION	72000100	72400100	72400500	72800100	REMARKS
		LT.	RT.			SIGN PANEL - TYPE 1	REMOVE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	TELESCOPING STEEL SIGN SUPPORT	
						SQ FT	EACH	EACH	FOOT	
IL RT. 4	79+03.06		22.6	R1-1	STOP		1			
IL RT. 4	79+79.64		30.1	R1-1	STOP		1			
IL RT. 4	80+32.07	37.7		XM-21	HISTORIC ROUTE 66			1		RELOCATE
IL RT. 4	80+33.13	34.4		R1-1	STOP		1			
IL RT. 4	80+33.76	41.8		D3-1	STREET SIGNS (2)		1			
IL RT. 4	81+03.05	23.8		R1-1	STOP		1			
IL RT. 4	81+55.18	64.1		W10-1	RR		1			
IL RT. 4	85+00.83		26.0	XM-21 M6-1	HISTORIC ROUTE 66 LEFT ARROW	5.0 2.2			18	
IL RT. 4	86+86.81		26.0	XM-21 M6-1	HISTORIC ROUTE 66 RIGHT ARROW	5.0 2.2			18	
IL RT. 4	79+37.96	23.0		XM-21 M6-1	HISTORIC ROUTE 66 RIGHT ARROW	5.0 2.2			17	
IL RT. 4	80+69.66	23.0		XM-21 M6-1	HISTORIC ROUTE 66 LEFT ARROW	5.0 2.2			16	
IL RT. 4 (N)	500+32.26	29.0		R1-1 D3-1	STOP STREET SIGNS (2)	5.4 4.0			16	"IL RT. 4" & "CAMBRIDGE RD."
IL RT. 4 (N)	501+86.30	20.0		XM-21	HISTORIC ROUTE 66				17	RT 66 SIGN RELOCATED TO HERE
IL RT. 4 (S)	99+27.74	21.0		W3-5	REDUCE SPEED AHEAD	9.0			16	
IL RT. 4 (S)	99+85.61	21.0		R2-1	SPEED LIMIT 55	5.0			17	
IL RT. 4 (S)	101+56.11	21.0		R2-1	SPEED LIMIT 30	5.0			16	
IL RT. 4 (S)	101+94.81	21.0		W1-2L	CURVE LEFT	6.3			17	
IL RT. 4 (S)	102+05.40	21.0		XM-21	HISTORIC ROUTE 66	7.5			17	
IL RT. 4 (S)	102+89.67	23.0		W1-8L	LEFT CHEVRON	3.0			18	
				W1-8R	RIGHT CHEVRON	3.0				
IL RT. 4 (S)	103+90.85	26.0		W1-8L	LEFT CHEVRON	3.0			17	
				W1-8R	RIGHT CHEVRON	3.0				
IL RT. 4 (S)	104+43.09	27.0		OM4-1	OBJECT MARKER (4)	9.0			60	
	104+50.14	45.5								
IL RT. 4 (S)	104+50.86	23.0		W1-6L	LEFT ARROW	4.5			17	
IL RT. 4 (S)	104+86.01	26.0		W1-8L	LEFT CHEVRON	3.0			18	
				W1-8R	RIGHT CHEVRON	3.0				
IL RT. 4 (S)	105+58.09	26.0		W1-8L	LEFT CHEVRON	3.0			18	
				W1-8R	RIGHT CHEVRON	3.0				
IL RT. 4 (S)	106+21.05	23.0		W10-1	RR	7.1			19	
IL RT. 4 (S)	106+21.15	23.0		W1-2R	CURVE RIGHT	6.3			19	
IL RT. 4 (S)	106+71.94	23.0		W10-8	TRAINS MAY EXCEED 80 MPH	6.3			19	
IL RT. 4 (S)	106+71.94	23.0		R2-1	SPEED LIMIT 30	5.0			18	
IL RT. 4 (S)	108+04.11	35.0		W10-8	TRAINS MAY EXCEED 80 MPH	6.3			19	
IL RT. 4 (S)	108+44.95	55.0		W10-1	RR	7.1			19	
IL RT. 4 (S)	108+55.17	32.0		R1-1 D3-1	STOP STREET SIGNS (2)	6.3 4.0			17	
TOTALS						157	6	1	463	

FILE NAME = c:\neworking\draw\brouk\transportation\dm14595\0672094-ah1-schedule.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	14
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES - EXISTING OLD IL ROUTE 4			
	STATION	N	E
POT	400+00.00	1,006,318.1411	2,404,587.4058
POT	411+23.12	1,007,441.0756	2,404,566.9871
POT	414+49.78	1,007,467.6832	2,404,565.3267
POT	414+34.09	1,007,751.9399	2,404,559.7529
PC	418+46.14	1,008,163.8999	2,404,551.4101
PI	419+82.85	1,008,300.5836	2,404,548.6421
PT	421+17.48	1,008,431.9238	2,404,586.5874
PC	421+56.43	1,008,469.3434	2,404,597.3983
PI	422+87.30	1,008,595.0640	2,404,633.7200
PT	424+16.34	1,008,725.9226	2,404,632.7345
POT	427+86.61	1,009,096.1880	2,404,629.9460

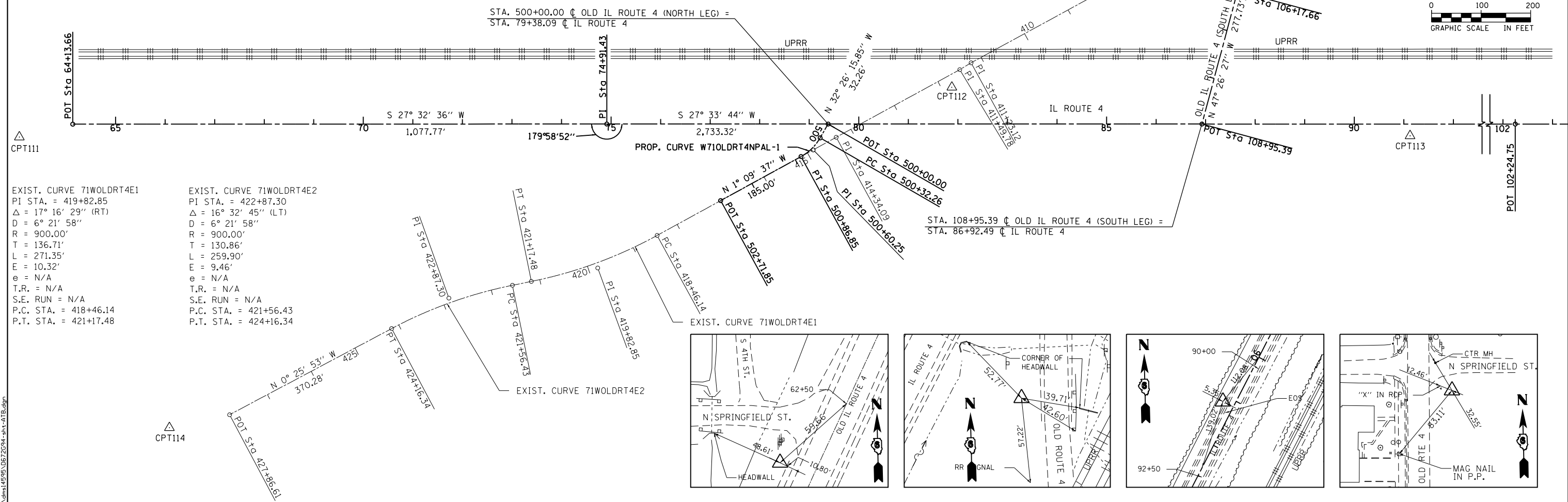
ALIGNMENT COORDINATES - OLD IL ROUTE 4 (NORTH LEG)			
	STATION	N	E
POT	500+00.00	1,007,753.9928	2,404,590.9988
PC	500+32.26	1,007,781.2168	2,404,573.6968
PI	500+60.25	1,007,804.8426	2,404,558.6816
PT	500+86.85	1,007,832.8304	2,404,558.1148
POT	502+71.85	1,008,017.7946	2,404,554.3690

ALIGNMENT COORDINATES - OLD IL ROUTE 4 (SOUTH LEG)			
	STATION	N	E
POT	100+00.00	1,006,318.1411	2,404,587.4058
PC	102+77.54	1,006,595.6329	2,404,582.3601
PI	104+57.55	1,006,775.6116	2,404,579.0875
PT	106+17.66	1,006,897.3605	2,404,446.4970
POT	108+95.39	1,007,085.2047	2,404,241.9255

ALIGNMENT COORDINATES - IL ROUTE 4			
	STATION	N	E
POT	64+13.66	1,009,105.5766	2,405,296.0537
PI	74+91.43	1,008,149.9590	2,404,797.6730
POT	102+24.75	1,005,726.8470	2,403,532.9320

ALIGNMENT COORDINATES - 7TH STREET			
	STATION	N	E
POT	300+00.00	1,008,435.4825	2,404,589.7418
PI	300+77.71	1,008,448.1320	2,404,513.0660
POT	301+31.75	1,008,447.0541	2,404,459.0420

PROJECT BENCHMARK ELEVATIONS DATUM: N.A.V.D. OF 1988				
NO.	DESCRIPTION	STATION OFFSET	COORDINATES	ELEV.
TBM 111	IP W/ BLUE CAP IN SOUTHWEST CORNER OF EXISTING OLD IL ROUTE 4 AND N SPRINGFIELD ST.	63+05.90 25.98' RT.	N 1,009,213.1296 E 2,405,322.8758	669.874
TBM 112	IP W/ BLUE CAP IN PAVEMENT AT SOUTHEAST CORNER OF EXISTING OLD ROUTE 4 AND IL ROUTE 4	81+87.63 74.14' LT.	N 1,007,498.4636 E 2,404,541.2638	667.463
TBM 113	IP W/ BLUE CAP IN PAVEMENT AT NORTH SIDE OF IL ROUTE 4	91+12.62 23.68' RT.	N 1,006,723.7210 E 2,404,026.5330	668.448
TBM 114	IP W/ BLUE CAP IN RCP AT SOUTHEAST CORNER OF OLD IL ROUTE 4 (NORTH LEG) AND N SPRINGFIELD ST.	211+93.39 33.78' RT.	N 1,009,215.9256 E 2,404,662.8228	667.589

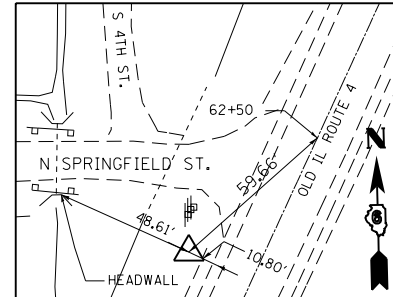


EXIST. CURVE 71WOLDRT4E1
 PI STA. = 419+82.85
 $\Delta = 17^\circ 16' 29''$ (RT)
 $D = 6^\circ 21' 58''$
 $R = 900.00'$
 $T = 136.71'$
 $L = 271.35'$
 $E = 10.32'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 418+46.14$
 $P.T. STA. = 421+17.48$

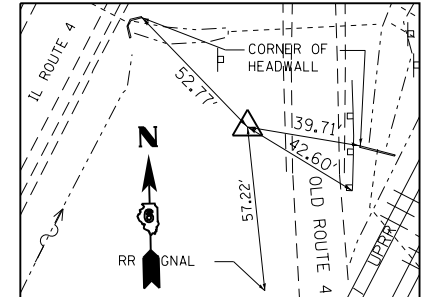
EXIST. CURVE 71WOLDRT4E2
 PI STA. = 422+87.30
 $\Delta = 16^\circ 32' 45''$ (LT)
 $D = 6^\circ 21' 58''$
 $R = 900.00'$
 $T = 130.86'$
 $L = 259.90'$
 $E = 9.46'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 421+56.43$
 $P.T. STA. = 424+16.34$

PROP. CURVE 71WOLDRT4SP1
 PI STA. = 104+57.55
 $\Delta = 46^\circ 23' 57''$ (LT)
 $D = 13^\circ 38' 31''$
 $R = 420.00'$
 $T = 180.01'$
 $L = 340.12'$
 $E = 36.95'$
 $e = 3.93\%$
 $T.R. = 25.00'$
 $S.E. RUN = 65.00'$
 $P.C. STA. = 102+77.54$
 $P.T. STA. = 106+17.66$

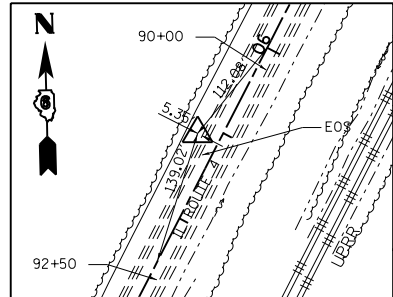
PROP. CURVE W71OLDRT4NPAL-1
 PI STA. = 500+60.25
 $\Delta = 31^\circ 16' 39''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 27.99'$
 $L = 54.59'$
 $E = 3.84'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 500+32.26$
 $P.T. STA. = 500+86.85$



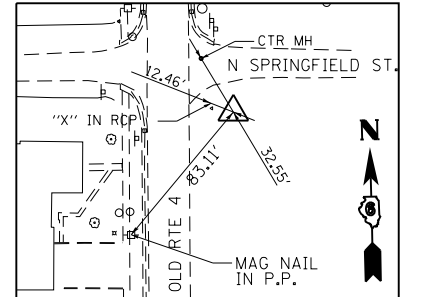
CONTROL POINT #111
 IP W/ BLUE CAP
 IL ROUTE 4
 STA. 63+05.90, 25.98' RT.
 N 1009213.129
 E 2405322.877
 ELEV. 669.874



CONTROL POINT #112
 IP W/ BLUE CAP
 IL ROUTE 4
 STA. 81+87.63, 74.14' LT.
 N 1007498.463
 E 2404541.265
 ELEV. 667.463



CONTROL POINT #113
 IP W/ BLUE CAP
 IL ROUTE 4
 STA. 91+12.62, 23.68' RT.
 N 1006723.721
 E 2404026.533
 ELEV. 668.448



CONTROL POINT #114
 IP W/ BLUE CAP
 OLD IL ROUTE 4 (NORTH LEG)
 STA. 211+93.39, 33.78' RT.
 N 1009215.925
 E 2404662.824
 ELEV. 667.589

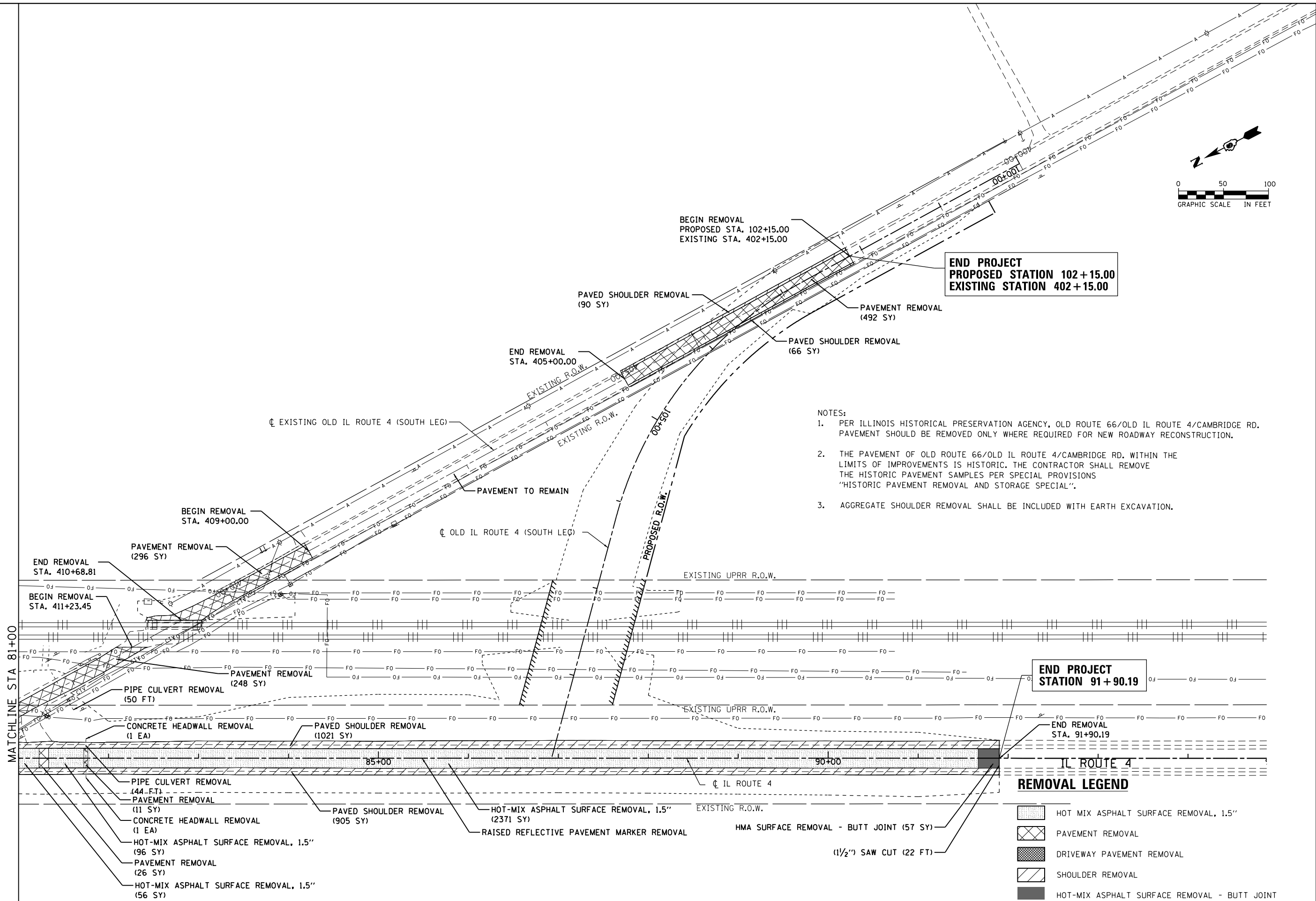
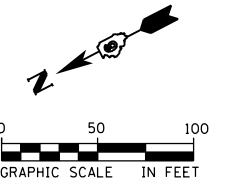


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PLOT SCALE = 200.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 3/11/2016	CHECKED - JCM	REVISED -
	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS
 SCALE: 1"=100' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	15
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- PER ILLINOIS HISTORICAL PRESERVATION AGENCY, OLD ROUTE 66/OLD IL ROUTE 4/CAMBRIDGE RD. PAVEMENT SHOULD BE REMOVED ONLY WHERE REQUIRED FOR NEW ROADWAY RECONSTRUCTION.
 - THE PAVEMENT OF OLD ROUTE 66/OLD IL ROUTE 4/CAMBRIDGE RD. WITHIN THE LIMITS OF IMPROVEMENTS IS HISTORIC. THE CONTRACTOR SHALL REMOVE THE HISTORIC PAVEMENT SAMPLES PER SPECIAL PROVISIONS "HISTORIC PAVEMENT REMOVAL AND STORAGE SPECIAL".
 - AGGREGATE SHOULDER REMOVAL SHALL BE INCLUDED WITH EARTH EXCAVATION.

END PROJECT STATION 91+90.19

END REMOVAL STA. 91+90.19

REMOVAL LEGEND

[Pattern]	HOT MIX ASPHALT SURFACE REMOVAL, 1.5"
[Pattern]	PAVEMENT REMOVAL
[Pattern]	DRIVEWAY PAVEMENT REMOVAL
[Pattern]	SHOULDER REMOVAL
[Pattern]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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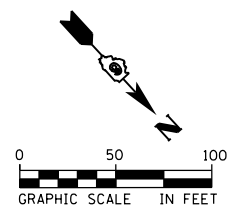


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	DATE - 03/11/2016	REVISED -

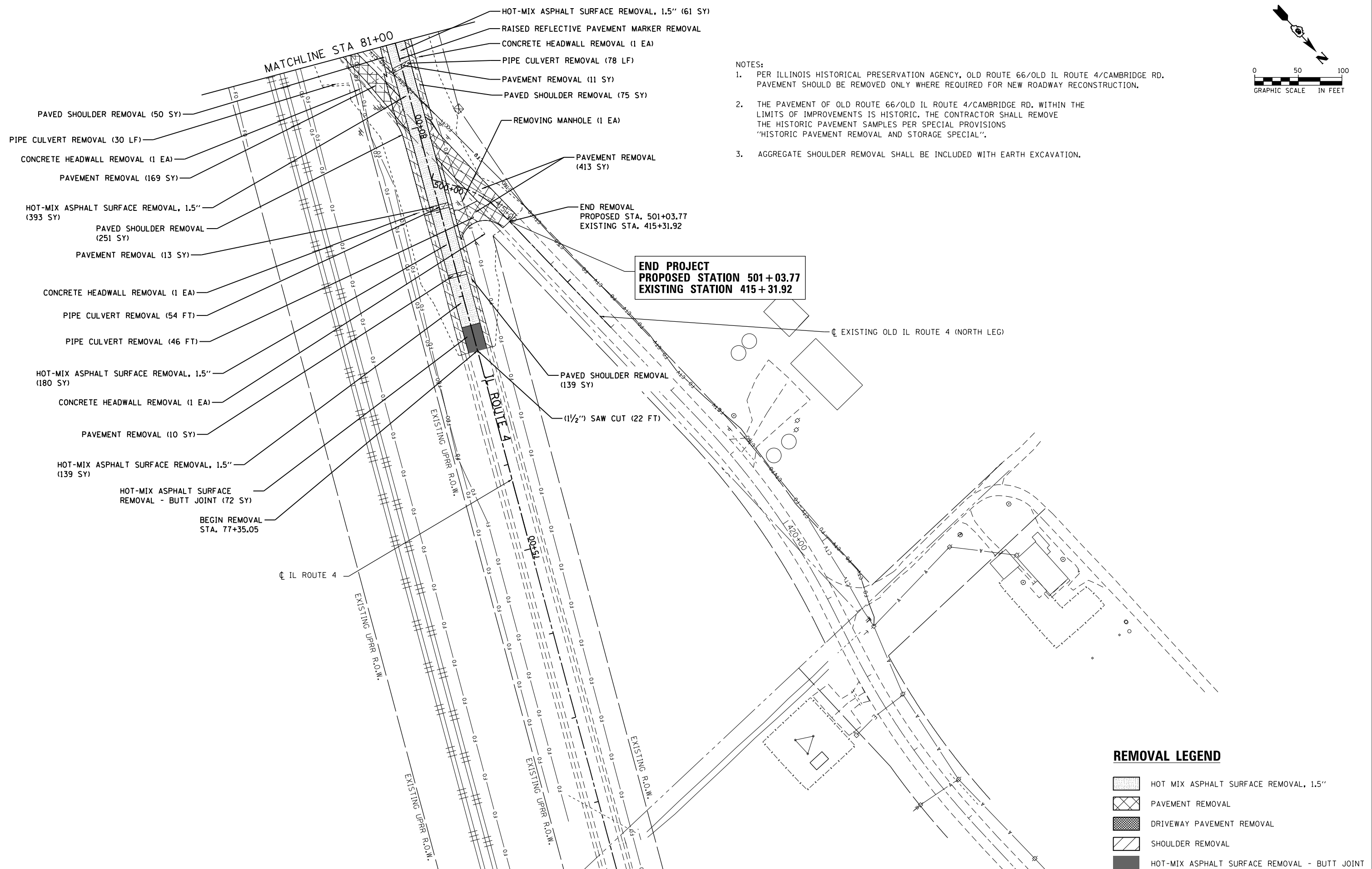
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS			
IL ROUTE 4 & OLD IL ROUTE 4 (SOUTH LEG)			
SCALE: 1" = 50'	SHEET 1 OF 2 SHEETS	STA. 81+00.00 TO STA. 91+90.19	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	16
				CONTRACT NO. 72C94
ILLINOIS FED. AID PROJECT				



- NOTES:
- PER ILLINOIS HISTORICAL PRESERVATION AGENCY, OLD ROUTE 66/OLD IL ROUTE 4/CAMBRIDGE RD. PAVEMENT SHOULD BE REMOVED ONLY WHERE REQUIRED FOR NEW ROADWAY RECONSTRUCTION.
 - THE PAVEMENT OF OLD ROUTE 66/OLD IL ROUTE 4/CAMBRIDGE RD. WITHIN THE LIMITS OF IMPROVEMENTS IS HISTORIC. THE CONTRACTOR SHALL REMOVE THE HISTORIC PAVEMENT SAMPLES PER SPECIAL PROVISIONS "HISTORIC PAVEMENT REMOVAL AND STORAGE SPECIAL".
 - AGGREGATE SHOULDER REMOVAL SHALL BE INCLUDED WITH EARTH EXCAVATION.



REMOVAL LEGEND

[Pattern]	HOT MIX ASPHALT SURFACE REMOVAL, 1.5"
[Pattern]	PAVEMENT REMOVAL
[Pattern]	DRIVEWAY PAVEMENT REMOVAL
[Pattern]	SHOULDER REMOVAL
[Pattern]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

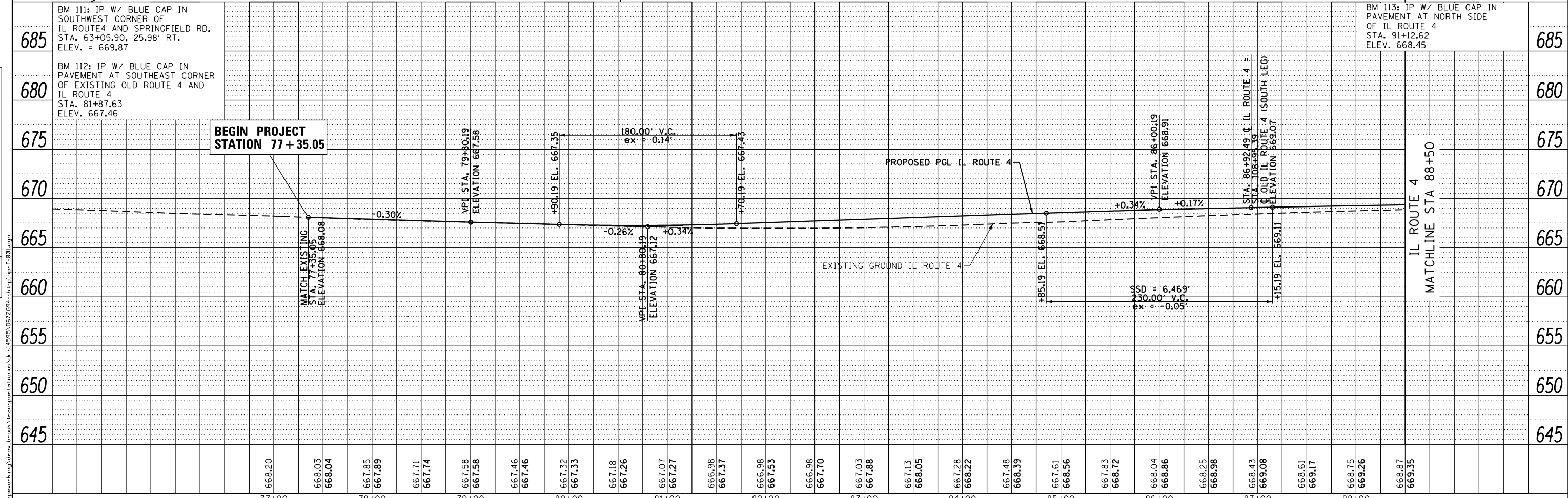
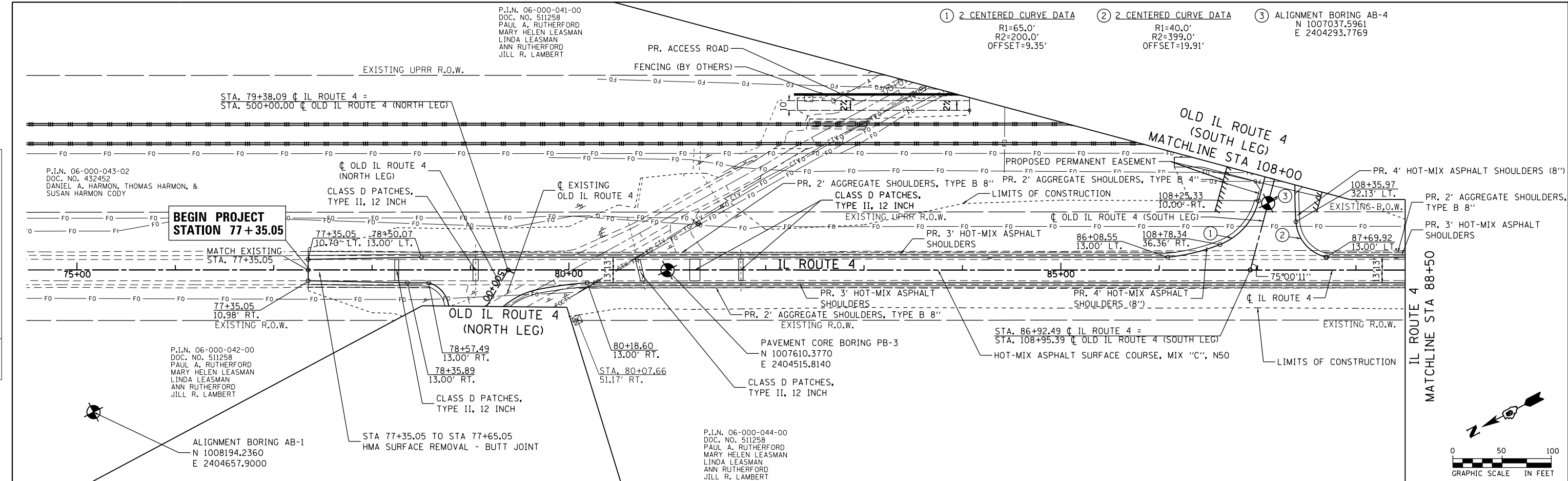
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS			
IL ROUTE 4 & OLD IL ROUTE 4 (NORTH LEG)			
SCALE: 1" = 50'	SHEET 2 OF 2 SHEETS	STA. 79+20.19 TO STA. 81+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	17
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	NOTED
	CHECKED
	ALIGNED
	AS BUILT
	FILE NAME

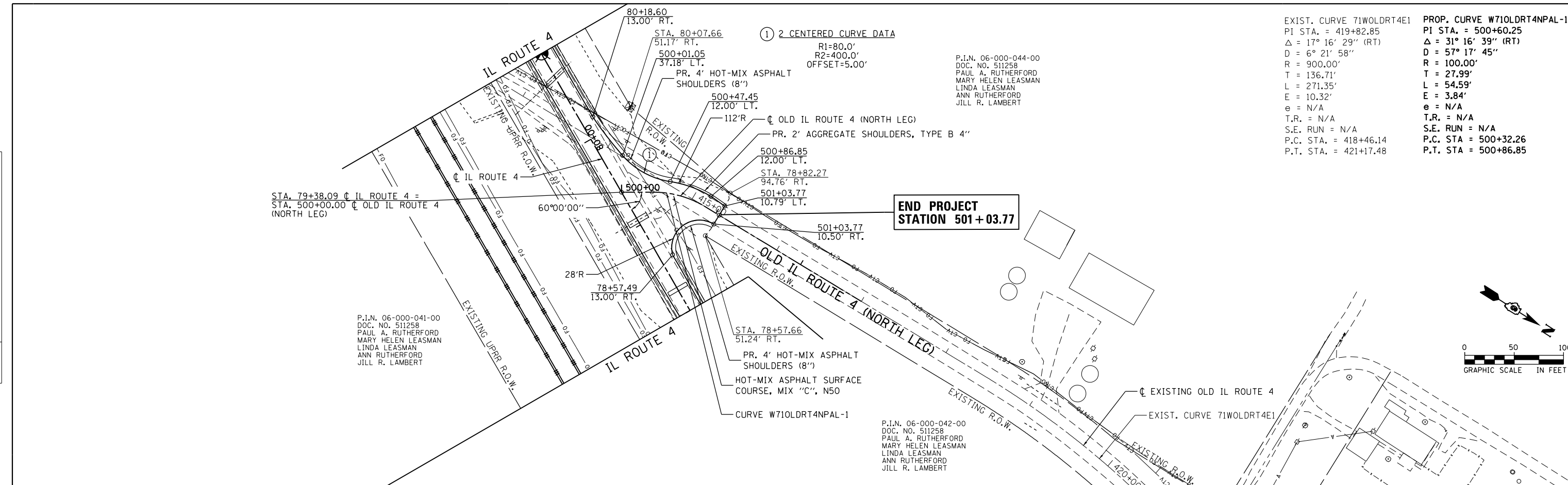
DATE	
BY	
PROFILE	SURVEYED
	NOTED
	CHECKED
	GRADES
	STRUCTURE
	NOT AT THIS OFFICE



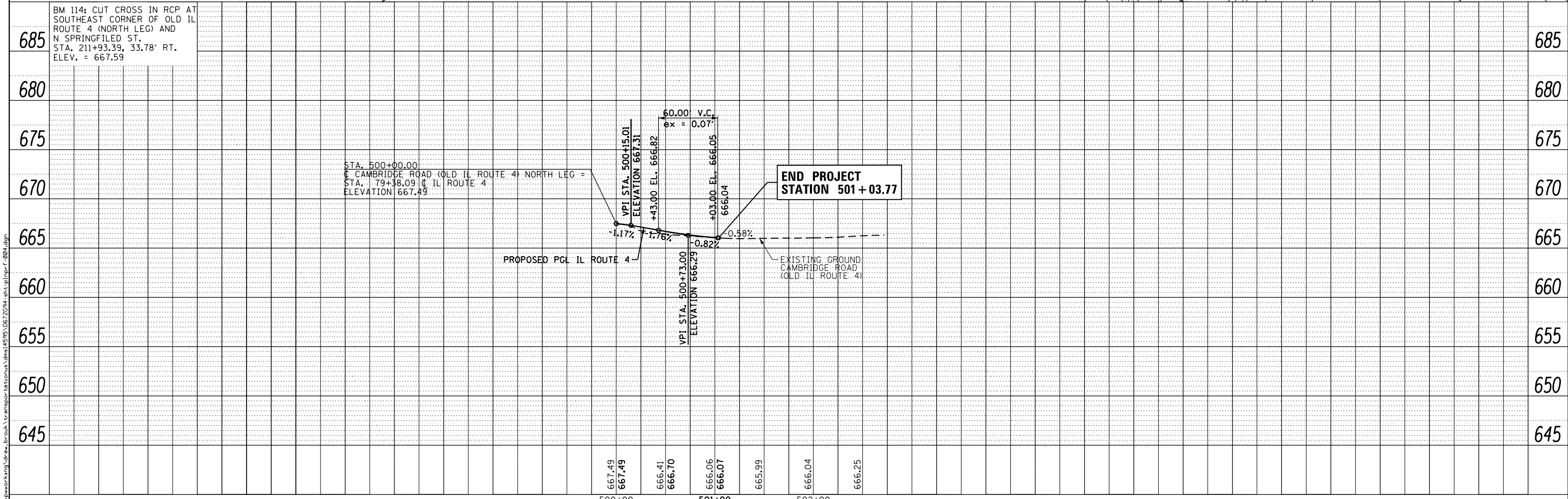
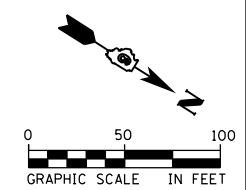
AECOM	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES		F.A.P. RTE. 662	SECTION D6 2015 HSRR	COUNTY MACOUPIN	TOTAL SHEETS 69	SHEET NO. 18	
	PLOT SCALE = 100.0000 ft / in.	CHECKED - JCM	REVISED -		IL ROUTE 4		SCALE: 1" = 50'		SHEET 1 OF 4 SHEETS		STA. 77+35.05 TO STA. 88+50.00	
	PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -		CONTRACT NO. 72C94		ILLINOIS FED. AID PROJECT					

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

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



EXIST. CURVE 71WOLDRT4E1	PROP. CURVE W71OLDRT4NPAL-1
PI STA. = 419+82.85	PI STA. = 500+60.25
$\Delta = 17^\circ 16' 29''$ (RT)	$\Delta = 31^\circ 16' 39''$ (RT)
D = 6° 21' 58"	D = 57° 17' 45"
R = 900.00'	R = 100.00'
T = 136.71'	T = 27.99'
L = 271.35'	L = 54.59'
E = 10.32'	E = 3.84'
e = N/A	e = N/A
T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA. = 418+46.14	P.C. STA. = 500+32.26
P.T. STA. = 421+17.48	P.T. STA. = 500+86.85



AECOM	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS AND PROFILES OLD IL ROUTE 4 (NORTH LEG)			F.A.P. RTE. = 662	SECTION = D6 2015 HSRR	COUNTY = MACOUPIN	TOTAL SHEETS = 69	SHEET NO. = 21	
	PLOT SCALE = 100.0000 ft / in.	CHECKED - JCM	REVISED -		SCALE: 1" = 50'	SHEET 4 OF 4 SHEETS	STA. 500+00.00 TO STA. 501+03.77	CONTRACT NO. 72C94					
	PLOT DATE = 3/11/2016	DATE = 03/11/2016	REVISED -		ILLINOIS FED. AID PROJECT								

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TRAFFIC CONTROL AND PROTECTION GENERAL NOTES

TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, THESE NOTES, APPLICABLE SPECIAL PROVISIONS, AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISIONS.

TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901-04 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.

EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS SHALL BE REPLACED BY THE CONTRACTOR.

TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.

ANY DROP OFF GREATER THAN THREE (3) INCHES BUT LESS THAN SIX (6) INCHES, WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS AT 100 FOOT CENTER TO CENTER SPACING. IF THE DROP OFF WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE EXCEEDS SIX (6) INCHES, THE BARRICADES, DRUMS OR VERTICAL PANELS MENTIONED ABOVE SHALL BE PLACED AT FIFTY (50) FOOT CENTER TO CENTER SPACING. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901-03.

TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.

TYPE I, II AND/OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.

THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.

ARROW BOARDS SHALL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR TRAFFIC CONTROL FOR THIS PROJECT:

- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > OR = 45 MPH
- 701901-03 TRAFFIC CONTROL DEVICES
- BLR 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- BLR 18-5 TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

SUGGESTED MAINTENANCE OF TRAFFIC NOTES (GENERAL)

SEE MOT SHEET 2 FOR PROPOSED TYPICAL SECTIONS OF VARIOUS ROADWAYS FOR ROADWAY-SPECIFIC SUGGESTED TRAFFIC STAGING AND CONSTRUCTION NOTES.

THE PURPOSE FOR CONSTRUCTION STAGING IS TO FACILITATE TRAFFIC FLOW AND MINIMIZE DELAYS TO THE MOTORIST. THE CONTRACTOR MAY IMPROVE OR MODIFY THE SEQUENCE OF CONSTRUCTION AS SUGGESTED ON THE PLANS HEREIN. ANY CONTRACTOR-PROPOSED TRAFFIC CONTROL PLANS SHALL BE SUBMITTED FOR REVIEW BY AND THE WRITTEN APPROVAL OF THE ENGINEER.

PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES (SIGNAGE, STRIPING, ETC.) SHALL BE IN PLACE.

WORK SHALL INCLUDE PROVIDING POSITIVE DRAINAGE AT ALL TIMES DURING CONSTRUCTION. TEMPORARY GRADING, DITCHES AND CULVERTS MAY BE NECESSARY TO MAINTAIN POSITIVE DRAINAGE DURING STAGED CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR EARTH EXCAVATION.

THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION STAGING OPERATIONS WITH THE RAILROAD. RAILROAD OPERATIONS SHALL BE ULTIMATELY RESPONSIBLE FOR ANY SIGNAL AND CROSSING GATE MODIFICATIONS REQUIRED AS PART OF ROADWAY STAGING OPERATIONS.

ALL TRAFFIC CONTROL SHOWN IN THESE PLANS SHALL BE INCLUDED IN THE PAY ITEM OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

A MINIMUM OF ONE ACTIVE THROUGH LANE SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. IF ANY LANE OF ANY STREET MUST BE CLOSED AT ANY TIME DUE TO CONSTRUCTION, IT SHALL BE APPROVED ONLY FOR SHORT DURATIONS, DURING NON-PEAK TRAFFIC TIMES. THESE CLOSURES MUST BE APPROVED IN WRITING BY THE ENGINEER.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

REMOVE ANY EXISTING PAVEMENT MARKINGS AS REQUIRED IF IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS.

ALL CONSTRUCTION SIGNS NOT APPLICABLE AT ANY GIVEN TIME SHALL BE COVERED OR REMOVED.

THE FURNISHING, INSTALLATION, RELOCATION AND REMOVAL OF ALL TRAFFIC CONTROL SIGNS, DETOUR SIGNS, AND TRAFFIC CONTROL DEVICES SHOWN ON THESE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS AND THE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS SHALL BE PAID FOR UNDER THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)". THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL SIGNS AS REQUIRED BY THE ENGINEER, THE COST OF WHICH WILL ALSO BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

PAVEMENT MARKINGS FOR TEMPORARY STOP BARS SHALL BE LOCATED 4 FEET IN ADVANCE OF STOP SIGNS OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND REPAIRING DETOUR ROUTES.

NEITHER MATERIALS NOR EQUIPMENT SHALL BE STORED ON HISTORICAL OLD RTE 4 PAVEMENT THAT IS TO REMAIN IN PLACE.

ALL RAILROAD WARNING DEVICES SHALL BE CONSTRUCTED/REMOVED/MODIFIED BY UPRR FORCES AND ARE NOT INCLUDED IN THE IDOT LETTING. COORDINATE CONSTRUCTION OF ROADWAY AND IDOT MOT WITH UPRR.

RAILROAD CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF SIGNAL FOUNDATIONS.

RAILROAD FLAGGERS SHALL BE REQUIRED DURING RAILROAD SIGNAL CONSTRUCTION, INCLUDING IDOT STAGING, AT NO COST TO THE IDOT CONTRACTOR.

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	DRAWN - DAB	REVISED -
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

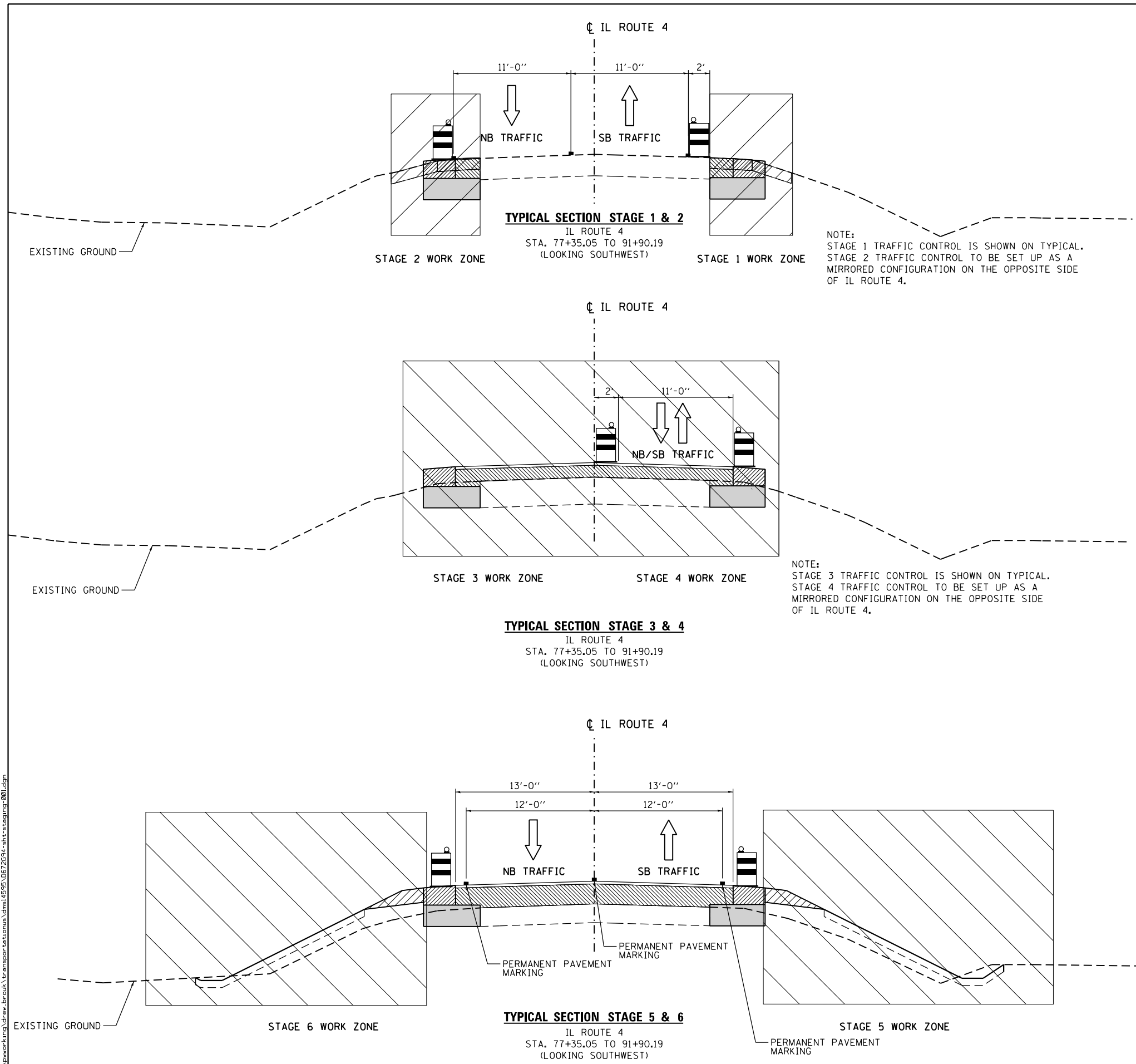
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
GENERAL STAGING NOTES**

SCALE: NTS SHEET 1 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	22
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

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GENERAL STAGING NOTES

SEE MOT SHEET 1 FOR GENERAL STAGING NOTES INCLUDING COORDINATION OF RAILROAD OPERATIONS.

MAINTAIN POSITIVE DRAINAGE THROUGHOUT ALL STAGES OF CONSTRUCTION.

STAGING NOTES – IL ROUTE 4

STAGE 1 TRAFFIC:
SHIFT SOUTHBOUND LANE 2' TO THE EAST TO PROVIDE 2 LANES FOR NORTHBOUND AND SOUTHBOUND TRAFFIC. REMOVE ALL EXISTING IL ROUTE 4 PAVEMENT MARKINGS BETWEEN STA. 73+61.55 AND STA. 92+90.19.
SEE MOT SHEET 4 & 5 FOR SUGGESTED PAVEMENT STRIPING OF THE SOUTHBOUND LANE SHIFT.

STAGE 1 CONSTRUCTION:
REMOVE EXISTING HMA AND AGGREGATE SHOULDERS ON THE SOUTHBOUND LANE OF IL ROUTE 4. COMPLETE PROPOSED WIDENING AND HMA SHOULDER WORK UP TO EXISTING OR MILLED ROADWAY ELEVATION FOR SOUTHBOUND IL ROUTE 4. EXISTING OLD IL ROUTE 4 (NORTH LEG) PAVEMENT TO BE REMOVED.

STAGE 2 TRAFFIC:
SHIFT NORTHBOUND LANE 2' TO THE WEST TO PROVIDE 2 LANES FOR NORTHBOUND AND SOUTHBOUND TRAFFIC.
SEE MOT SHEET 4 & 5 FOR SUGGESTED PAVEMENT STRIPING OF THE NORTHBOUND LANE SHIFT.

STAGE 2 CONSTRUCTION:
REMOVE EXISTING HMA AND AGGREGATE SHOULDERS ON THE NORTHBOUND LANE OF IL ROUTE 4. COMPLETE PROPOSED WIDENING AND HMA SHOULDER WORK UP TO EXISTING OR MILLED ROADWAY ELEVATION FOR NORTHBOUND IL ROUTE 4. EXISTING OLD IL ROUTE 4 (SOUTH LEG) PAVEMENT TO BE REMOVED.

STAGE 3 & 4 TRAFFIC:
SHIFT ALL TRAFFIC ONTO THE NORTHBOUND OR SOUTHBOUND LANE OF IL ROUTE 4 PROVIDING 2-WAY LANE OPERATION FOR BOTH DIRECTIONS OF TRAFFIC. SEE STANDARD 701306-03 FOR MORE DETAIL.

STAGE 3 & 4 CONSTRUCTION:
REMOVE AND CONSTRUCT CULVERTS ON IL ROUTE 4. CONSTRUCT BINDER COURSE IN 4" LIFTS ALTERNATING BETWEEN THE NORTHBOUND AND SOUTHBOUND LANES TO BRING THE PAVEMENT TO THE BOTTOM OF THE SURFACE COURSE ELEVATION. CONSTRUCT FINAL 1 1/2" HMA SURFACE COURSE LIFT. USE TRAFFIC CONTROL STANDARD 701306-03. CONTRACTOR SHALL PROVIDE TEMPORARY STRIPING AT THE END OF EACH CONSTRUCTION DAY.

POST STAGE 3 & 4 CONSTRUCTION:
APPLY FINAL PAVEMENT MARKINGS FOR THE PROPOSED FINISHED SURFACE OF IL ROUTE 4 FOR USE IN STAGE 5 & 6 TRAFFIC CONTROL.

STAGE 5 & 6 TRAFFIC:
TRAFFIC TO PROCEED ON 12' TRAVEL LANES OF THE PROPOSED FINISHED SURFACE.

STAGE 5 CONSTRUCTION:
CONSTRUCT AGGREGATE SHOULDERS, REMAINING EMBANKMENT, PERMANENT STRIPING, AND FINAL GRADING AS NEEDED ALONG THE SOUTHBOUND LANE OF IL ROUTE 4.

STAGE 6 CONSTRUCTION:
CONSTRUCT AGGREGATE SHOULDERS, REMAINING EMBANKMENT, PERMANENT STRIPING, AND FINAL GRADING AS NEEDED ALONG THE NORTHBOUND LANE OF IL ROUTE 4.

STAGING NOTES – OLD IL ROUTE 4 (NORTH LEG)

DETOUR ALL TRAFFIC OFF OF OLD IL ROUTE 4 (NORTH LEG) FOR CONSTRUCTION OF THE NEW ROADWAY. SEE MOT SHEET 3 FOR THE SUGGESTED DETOUR ROUTE.

STAGING NOTES – OLD IL ROUTE 4 (SOUTH LEG)

DETOUR ALL TRAFFIC OFF OF OLD IL ROUTE 4 (SOUTH LEG) FOR CONSTRUCTION OF THE NEW ROADWAY. SEE MOT SHEET 3 FOR THE SUGGESTED DETOUR ROUTE.

LEGEND

- DIRECTION OF TRAFFIC
- DRUM WITH STEADY BURNING LIGHT (50' C-C TYPICAL)
- TEMPORARY PAVEMENT MARKING LINE (SEE MOT PLANS FOR TYPE, COLOR AND LOCATION)



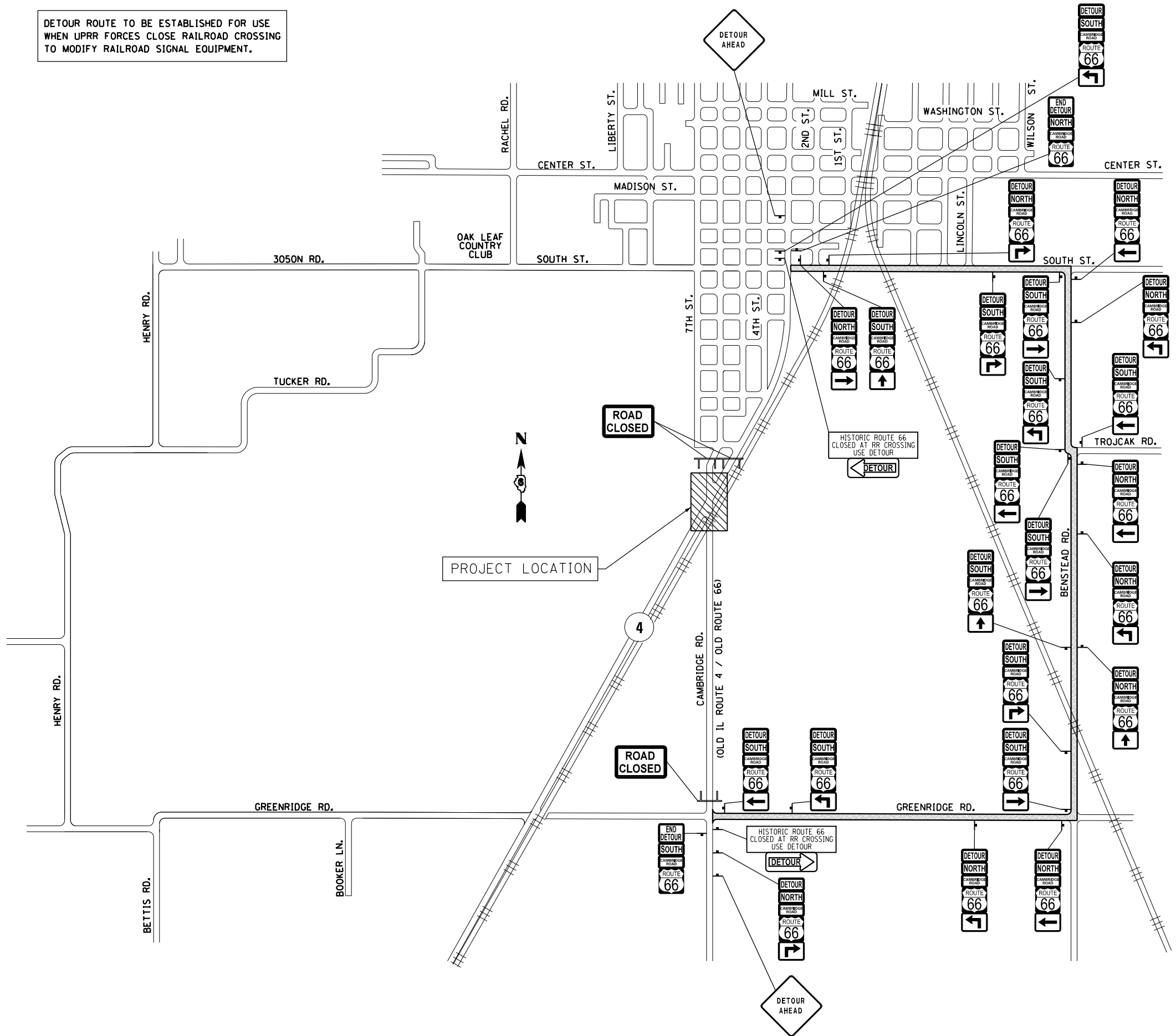
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



















SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS
SCALE: NTS SHEET 2 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	23
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

DETOUR ROUTE TO BE ESTABLISHED FOR USE WHEN UPRR FORCES CLOSE RAILROAD CROSSING TO MODIFY RAILROAD SIGNAL EQUIPMENT.



SIGN DESIGNATION

-  CONSTRUCTION WORK AREA
-  R11-2
48X30
-  W20-2A
36X36
-  M1-4
24X24
-  M3-1
24X12
-  M3-3
24X12
-  M4-8A
24X18
-  M4-8
24X12
-  M4-8
24X12
-  M4-10R
48X18
-  M4-10L
48X18
-  M5-1L
21X15
-  M5-1R
21X15
-  M6-1R
21X15
-  M6-1L
21X15
-  M6-3
21X15
-  BARRICADE TYPE III WITH FLASHING LIGHT (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
-  TEMPORARY TRAFFIC ADVISORY SIGN

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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
DETOUR PLAN
SCALE: NTS SHEET 3 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	24
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

SYMBOL LEGEND

- TEMPORARY PAVEMENT MARKING
- ▨ WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TT TYPE III BARRICADES
- FLAGGER WITH TRAFFIC SIGNAL
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 50' CTS.

GENERAL NOTES:

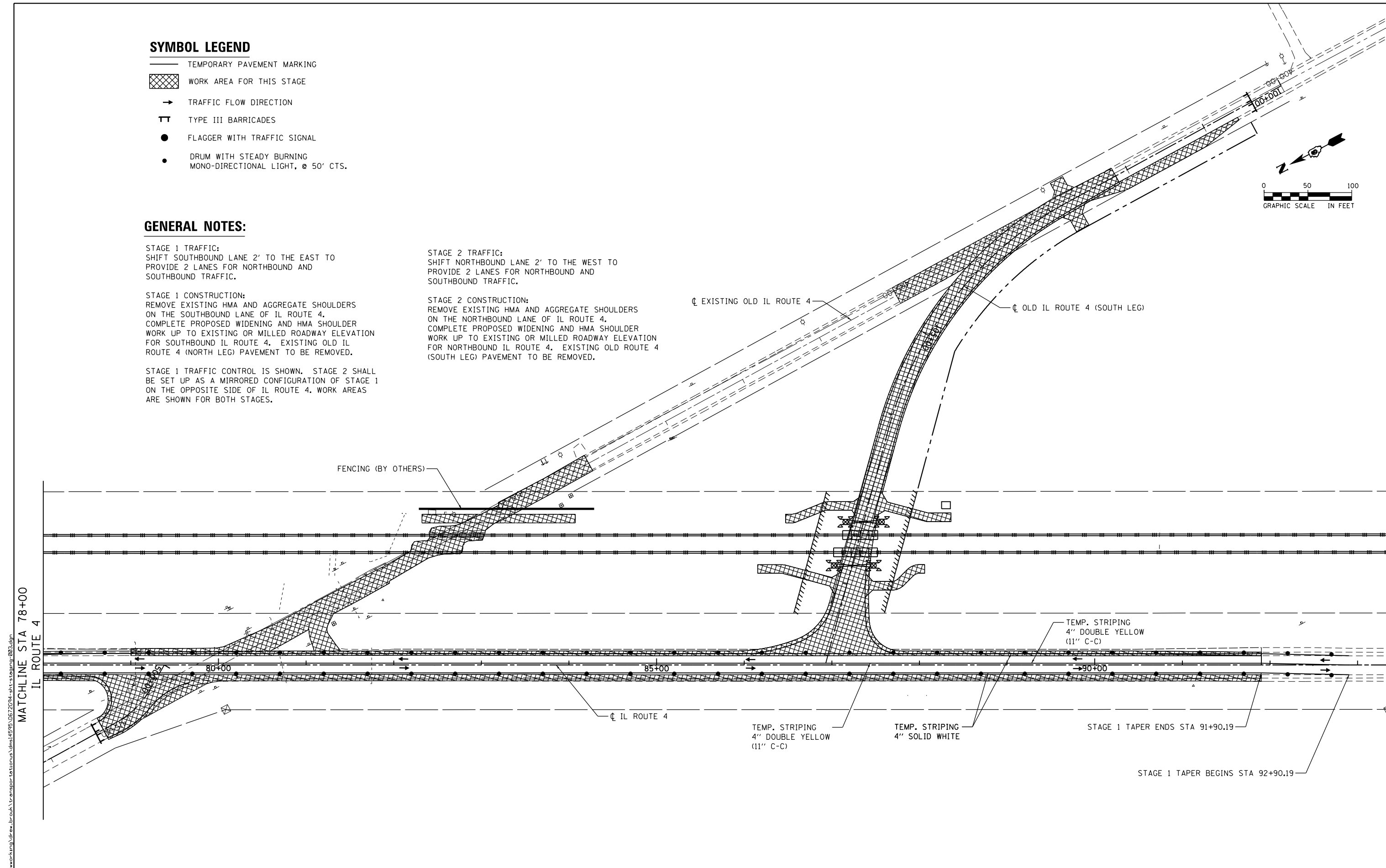
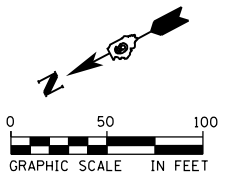
STAGE 1 TRAFFIC:
SHIFT SOUTHBOUND LANE 2' TO THE EAST TO PROVIDE 2 LANES FOR NORTHBOUND AND SOUTHBOUND TRAFFIC.

STAGE 1 CONSTRUCTION:
REMOVE EXISTING HMA AND AGGREGATE SHOULDERS ON THE SOUTHBOUND LANE OF IL ROUTE 4. COMPLETE PROPOSED WIDENING AND HMA SHOULDER WORK UP TO EXISTING OR MILLED ROADWAY ELEVATION FOR SOUTHBOUND IL ROUTE 4. EXISTING OLD IL ROUTE 4 (NORTH LEG) PAVEMENT TO BE REMOVED.

STAGE 1 TRAFFIC CONTROL IS SHOWN. STAGE 2 SHALL BE SET UP AS A MIRRORED CONFIGURATION OF STAGE 1 ON THE OPPOSITE SIDE OF IL ROUTE 4. WORK AREAS ARE SHOWN FOR BOTH STAGES.

STAGE 2 TRAFFIC:
SHIFT NORTHBOUND LANE 2' TO THE WEST TO PROVIDE 2 LANES FOR NORTHBOUND AND SOUTHBOUND TRAFFIC.

STAGE 2 CONSTRUCTION:
REMOVE EXISTING HMA AND AGGREGATE SHOULDERS ON THE NORTHBOUND LANE OF IL ROUTE 4. COMPLETE PROPOSED WIDENING AND HMA SHOULDER WORK UP TO EXISTING OR MILLED ROADWAY ELEVATION FOR NORTHBOUND IL ROUTE 4. EXISTING OLD ROUTE 4 (SOUTH LEG) PAVEMENT TO BE REMOVED.



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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
IL ROUTE 4 AND OLD IL ROUTE 4 (SOUTH LEG) - STAGES 1 & 2**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	25
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. N/A TO STA. N/A

GENERAL NOTES:

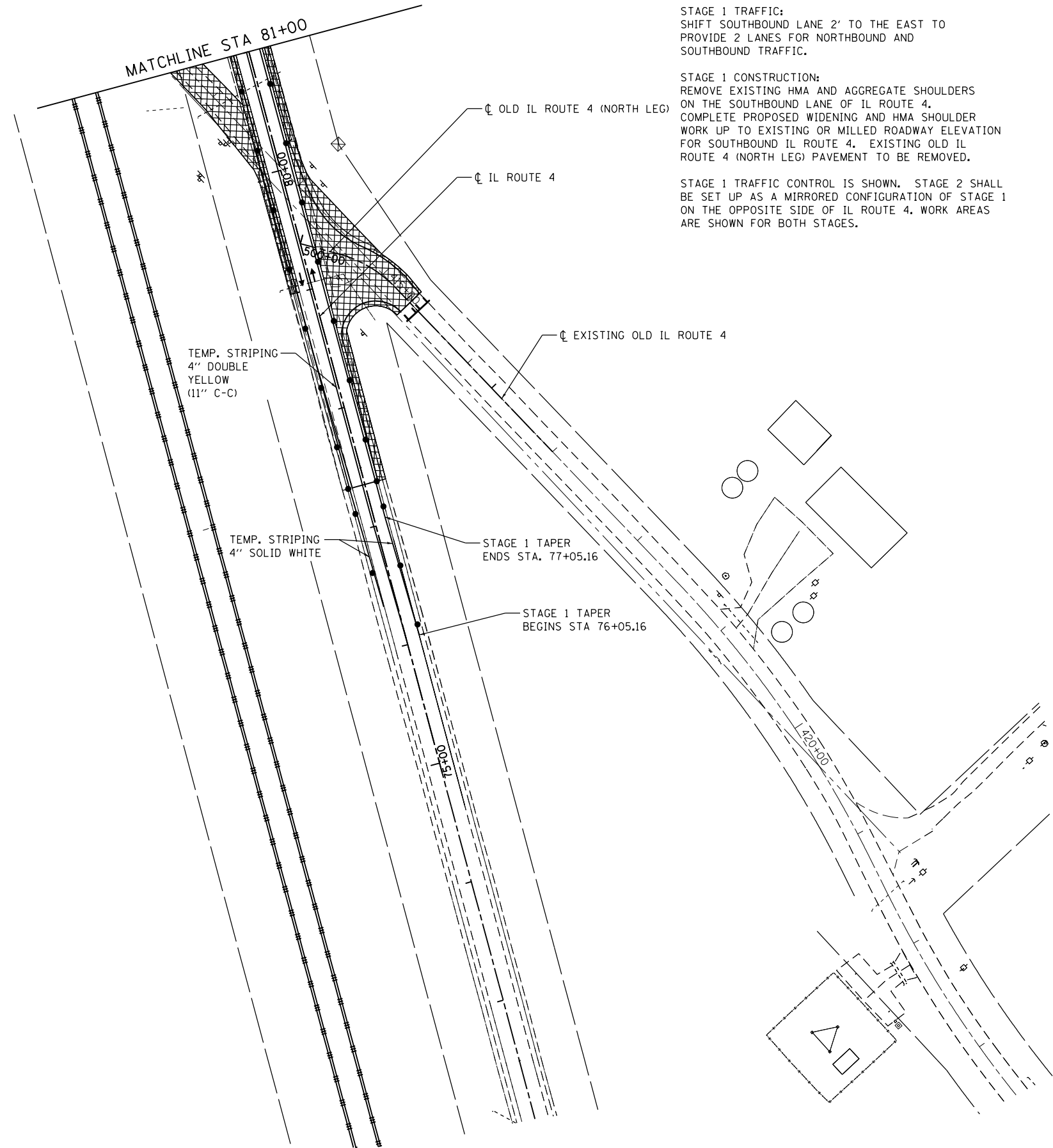
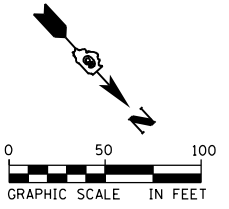
STAGE 1 TRAFFIC:
SHIFT SOUTHBOUND LANE 2' TO THE EAST TO PROVIDE 2 LANES FOR NORTHBOUND AND SOUTHBOUND TRAFFIC.

STAGE 1 CONSTRUCTION:
REMOVE EXISTING HMA AND AGGREGATE SHOULDERS ON THE SOUTHBOUND LANE OF IL ROUTE 4. COMPLETE PROPOSED WIDENING AND HMA SHOULDER WORK UP TO EXISTING OR MILLED ROADWAY ELEVATION FOR SOUTHBOUND IL ROUTE 4. EXISTING OLD IL ROUTE 4 (NORTH LEG) PAVEMENT TO BE REMOVED.

STAGE 1 TRAFFIC CONTROL IS SHOWN. STAGE 2 SHALL BE SET UP AS A MIRRORED CONFIGURATION OF STAGE 1 ON THE OPPOSITE SIDE OF IL ROUTE 4. WORK AREAS ARE SHOWN FOR BOTH STAGES.

STAGE 2 TRAFFIC:
SHIFT NORTHBOUND LANE 2' TO THE WEST TO PROVIDE 2 LANES FOR NORTHBOUND AND SOUTHBOUND TRAFFIC.

STAGE 2 CONSTRUCTION:
REMOVE EXISTING HMA AND AGGREGATE SHOULDERS ON THE NORTHBOUND LANE OF IL ROUTE 4. COMPLETE PROPOSED WIDENING AND HMA SHOULDER WORK UP TO EXISTING OR MILLED ROADWAY ELEVATION FOR NORTHBOUND IL ROUTE 4. EXISTING OLD ROUTE 4 (SOUTH LEG) PAVEMENT TO BE REMOVED.



SYMBOL LEGEND

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- FLAGGER WITH TRAFFIC SIGNAL
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 50' CTS.

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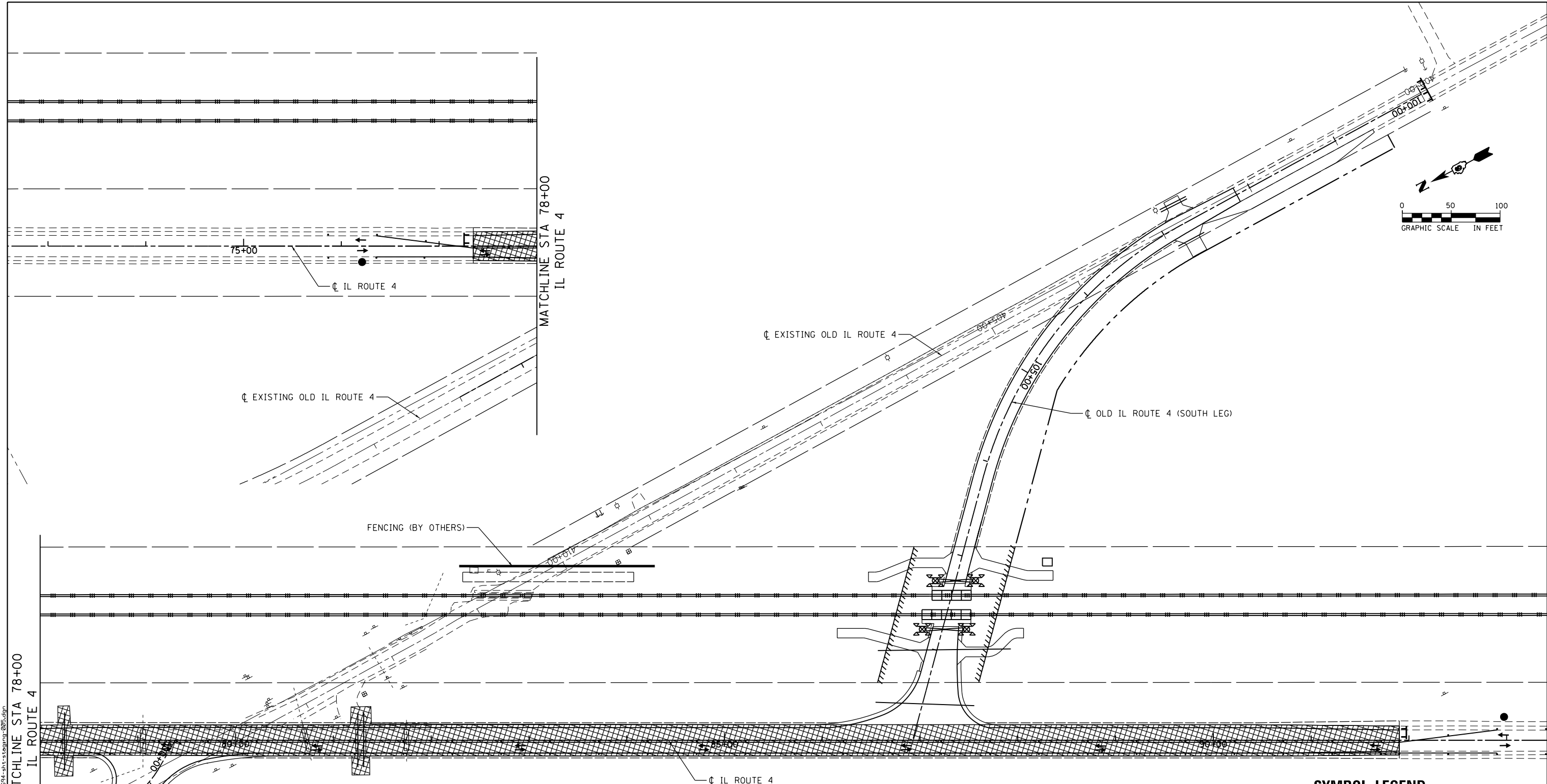
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
IL ROUTE 4 AND OLD IL ROUTE 4 (NORTH LEG) - STAGES 1 & 2**

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	26
				CONTRACT NO. 72G94
ILLINOIS FED. AID PROJECT				



GENERAL NOTES:

STAGE 3 & 4 TRAFFIC:
 SHIFT ALL TRAFFIC ONTO THE NORTHBOUND OR SOUTHBOUND LANE OF IL ROUTE 4 PROVIDING 2-WAY LANE OPERATION FOR BOTH DIRECTIONS OF TRAFFIC. SEE STANDARD 701306-03 FOR MORE DETAIL.

STAGE 3 TRAFFIC CONTROL IS SHOWN. STAGE 4 SHALL BE SET UP AS A MIRRORRED CONFIGURATION OF STAGE 3 ON THE OPPOSITE SIDE OF IL ROUTE 4. WORK AREAS ARE SHOWN FOR BOTH STAGES.

STAGE 3 & 4 CONSTRUCTION:
 REMOVE AND CONSTRUCT CULVERTS ON IL ROUTE 4. CONSTRUCT BINDER COURSE IN 4" LIFTS ALTERNATING BETWEEN THE NORTHBOUND AND SOUTHBOUND LANES TO BRING THE PAVEMENT TO THE BOTTOM OF THE SURFACE COURSE ELEVATION. CONSTRUCT FINAL 1 1/2" HMA SURFACE COURSE LIFT. CONTRACTOR SHALL PROVIDE TEMPORARY STRIPING AT THE END OF EACH CONSTRUCTION DAY.

SYMBOL LEGEND

- TEMPORARY PAVEMENT MARKING
- ▨ WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TT TYPE III BARRICADES
- FLAGGER WITH TRAFFIC SIGNAL
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 50' CTS.



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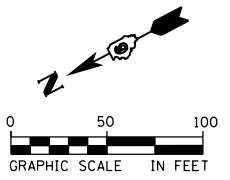
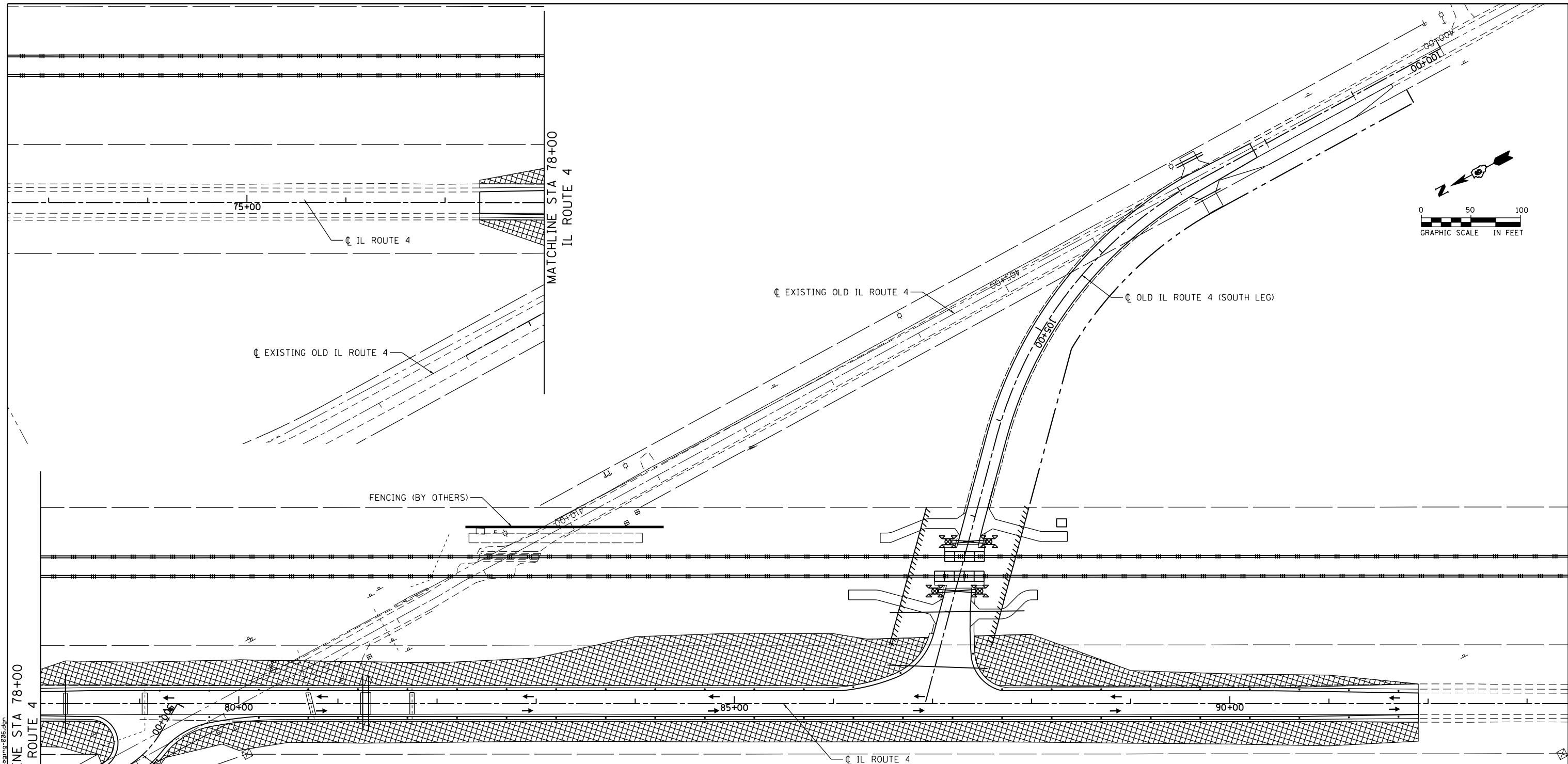
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 IL ROUTE 4 - STAGES 3 & 4**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	27
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

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GENERAL NOTES:

TRAFFIC:
PROCEED ON 12' TRAVEL LANES OF THE PROPOSED FINISHED SURFACE.

STAGE 5 CONSTRUCTION:
CONSTRUCT AGGREGATE SHOULDERS, REMAINING EMBANKMENT, PERMANENT STRIPING, AND FINAL GRADING AS NEEDED ALONG THE SOUTHBOUND LANE OF IL ROUTE 4.

STAGE 6 CONSTRUCTION:
CONSTRUCT AGGREGATE SHOULDERS, REMAINING EMBANKMENT, PERMANENT STRIPING, AND FINAL GRADING AS NEEDED ALONG THE NORTHBOUND LANE OF IL ROUTE 4.

SYMBOL LEGEND

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- FLAGGER WITH TRAFFIC SIGNAL
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 50' CTS.

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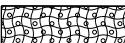
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
IL ROUTE 4 - STAGES 5 & 6**





SCALE: 1" = 50' SHEET 7 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	28
				CONTRACT NO. 72C94
ILLINOIS FED. AID PROJECT				

LANDSCAPE LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2
-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 EROSION CONTROL BLANKET

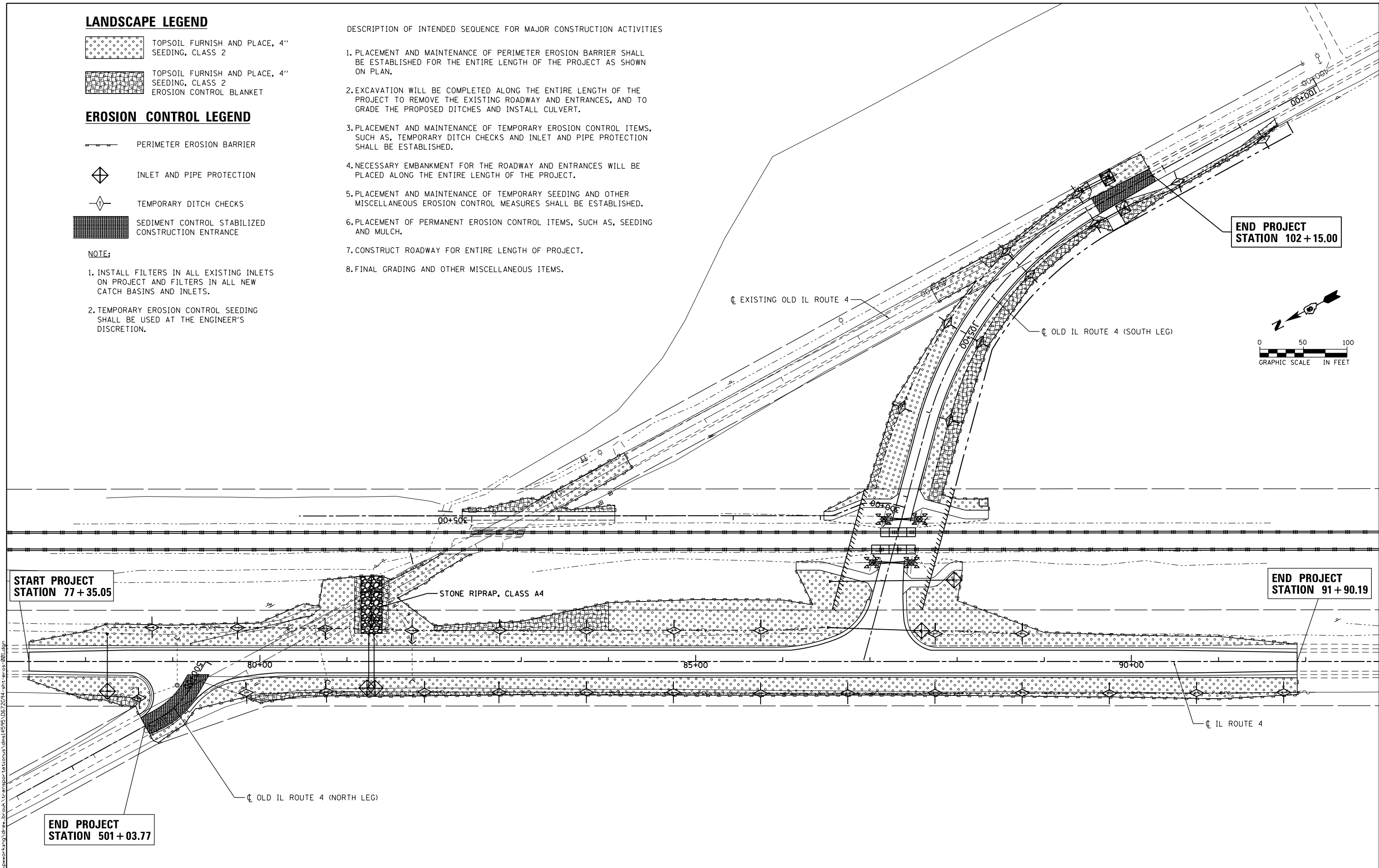
EROSION CONTROL LEGEND

-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS
-  SEDIMENT CONTROL STABILIZED CONSTRUCTION ENTRANCE

- NOTE:**
1. INSTALL FILTERS IN ALL EXISTING INLETS ON PROJECT AND FILTERS IN ALL NEW CATCH BASINS AND INLETS.
 2. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED AT THE ENGINEER'S DISCRETION.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES

1. PLACEMENT AND MAINTENANCE OF PERIMETER EROSION BARRIER SHALL BE ESTABLISHED FOR THE ENTIRE LENGTH OF THE PROJECT AS SHOWN ON PLAN.
2. EXCAVATION WILL BE COMPLETED ALONG THE ENTIRE LENGTH OF THE PROJECT TO REMOVE THE EXISTING ROADWAY AND ENTRANCES, AND TO GRADE THE PROPOSED DITCHES AND INSTALL CULVERT.
3. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL ITEMS, SUCH AS, TEMPORARY DITCH CHECKS AND INLET AND PIPE PROTECTION SHALL BE ESTABLISHED.
4. NECESSARY EMBANKMENT FOR THE ROADWAY AND ENTRANCES WILL BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT.
5. PLACEMENT AND MAINTENANCE OF TEMPORARY SEEDING AND OTHER MISCELLANEOUS EROSION CONTROL MEASURES SHALL BE ESTABLISHED.
6. PLACEMENT OF PERMANENT EROSION CONTROL ITEMS, SUCH AS, SEEDING AND MULCH.
7. CONSTRUCT ROADWAY FOR ENTIRE LENGTH OF PROJECT.
8. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.



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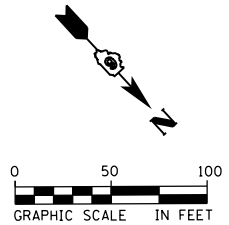
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	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL AND LANDSCAPING PLANS
IL ROUTE 4 AND OLD IL ROUTE 4 (SOUTH LEG)**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	29
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



**BEGIN PROJECT
STATION 77 + 35.05**


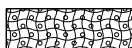
**END PROJECT
STATION 501 + 03.77**

CL OLD IL ROUTE 4 (NORTH LEG)





CL EXISTING OLD IL ROUTE 4

CL IL ROUTE 4

LANDSCAPE LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2
-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 EROSION CONTROL BLANKET

EROSION CONTROL LEGEND

-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS
-  SEDIMENT CONTROL STABILIZED CONSTRUCTION ENTRANCE

NOTE:

1. INSTALL FILTERS IN ALL EXISTING INLETS ON PROJECT AND FILTERS IN ALL NEW CATCH BASINS AND INLETS.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED AT THE ENGINEER'S DISCRETION.

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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL AND LANDSCAPING PLANS
OLD IL ROUTE 4 (NORTH LEG)**

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	30
				CONTRACT NO. 72C94
ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN

Route: F.A.P. ROUTE 662 Marked: IL ROUTE 4
 Section: D6 2015 HSRR Project No.:
 County: MACOUPIN Contract No.: 72694

The project is located south of the Village of Girard, Macoupin County, Illinois, at the intersection of Old Route 4 (North and South Leg) and IL Route 4.

North & South Leg
 Project is located in Nilwood Township, Macoupin County, Illinois. In the NW 1/4 of Section 5, T11N, R6W, of the 3rd P.M.
 Latitude: 39°26'00" N
 Longitude: 89°47'04" W

SITE DESCRIPTION

Description of Construction Activity:

1. This project consists of roadway construction (reconstruction, rehabilitation, and widening) the existing roadway to provide a safety improvement for the railroad crossing. Work shall include: pavement removal and replacement; earthwork grading and embankment; open drainage system and drainage system improvements; landscaping; maintenance; and erosion control.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Placement and maintenance of perimeter erosion barrier shall be established for the entire length of the project as shown on plan.
2. Excavation will be completed along the entire length of the project to remove the existing roadway and entrances, and to grade the proposed ditches and install culvert.
3. Placement and maintenance of temporary erosion control items, such as, temporary ditch checks and inlet and pipe protection shall be established.
4. Necessary embankment for the roadway and entrances will be placed along the entire length of the project.
5. Placement and maintenance of temporary seeding and other miscellaneous erosion control measures shall be established.
6. Placement of permanent erosion control items, such as, seeding and mulch.
7. Construct roadway for entire length of project.
8. Final grading, paving and other miscellaneous items.

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Raymond Dickulligan
 (Signature)

10/16/15
 (Date)

Region 4 Engineer
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be approx. 0.01 sq miles in which 5.21 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

Unnamed tributary of Shearles Branch

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PLOT DATE = 10/2/2015	CHECKED - JCM	REVISED -
	DATE - 10/02/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: NTS SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	31
			CONTRACT NO. 72694	
ILLINOIS FED. AID PROJECT				

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion and Sediment Control".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) Qualified Personnel shall inspect the project at least every seven days and within 24 hours of the end of a storm that is 0.5 inch or greater as noted in BDE 2342.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the various temporary erosion control pay items. No additional additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	32
			CONTRACT NO. 72C94	
ILLINOIS FED. AID PROJECT				

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: _____ Marked: _____

Section: _____ Project No.: _____

County: _____ Contract No.: _____

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

Signature _____ Date _____

Title _____

Name of Firm _____ Contractor

Street Address _____ Subcontractor

City, State, Zip _____

Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

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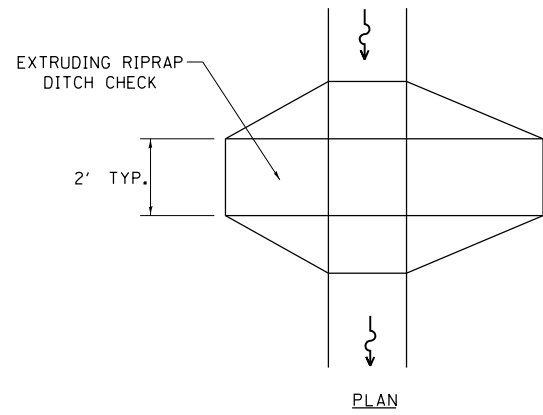
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

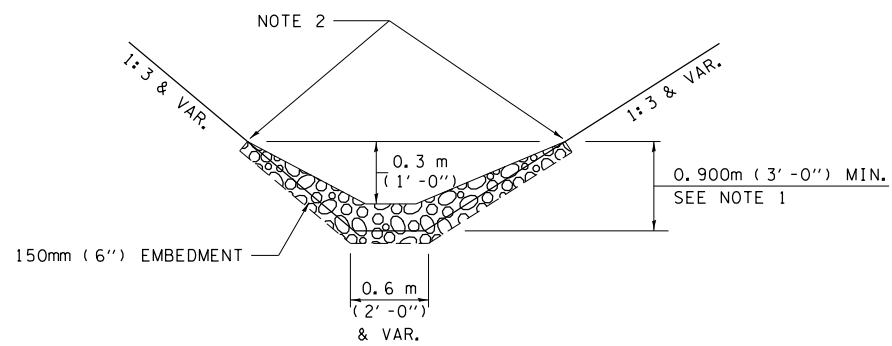
STORM WATER POLLUTION PREVENTION PLAN

SCALE: NTS SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	33
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



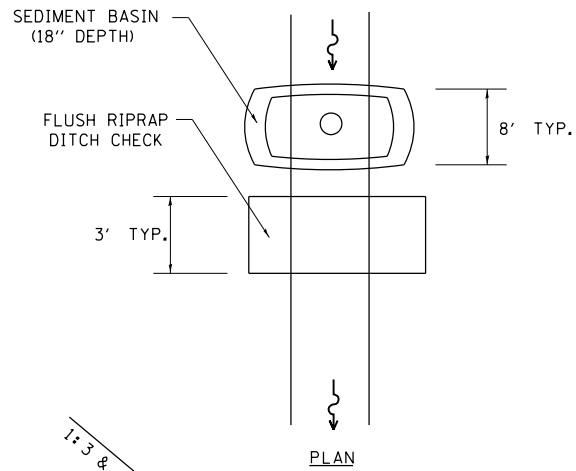
PLAN



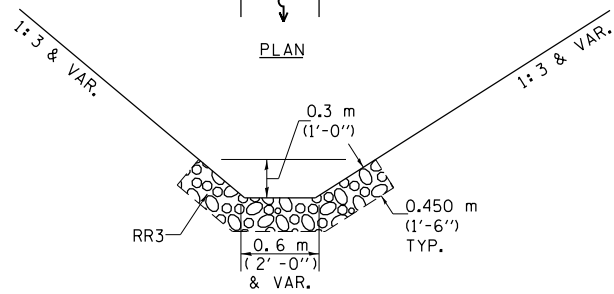
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

OPTIONS 1 & 2 OR
AS DIRECTED BY THE ENGINEER

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE DITCH CHECKS	
INLET PIPE PROTECTION	
PERIMETER EROSION BARRIER	
SEDIMENT BASINS	
EARTH EXCAVATION FOR EROSION CONTROL AGGREGATE (EROSION CONTROL)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

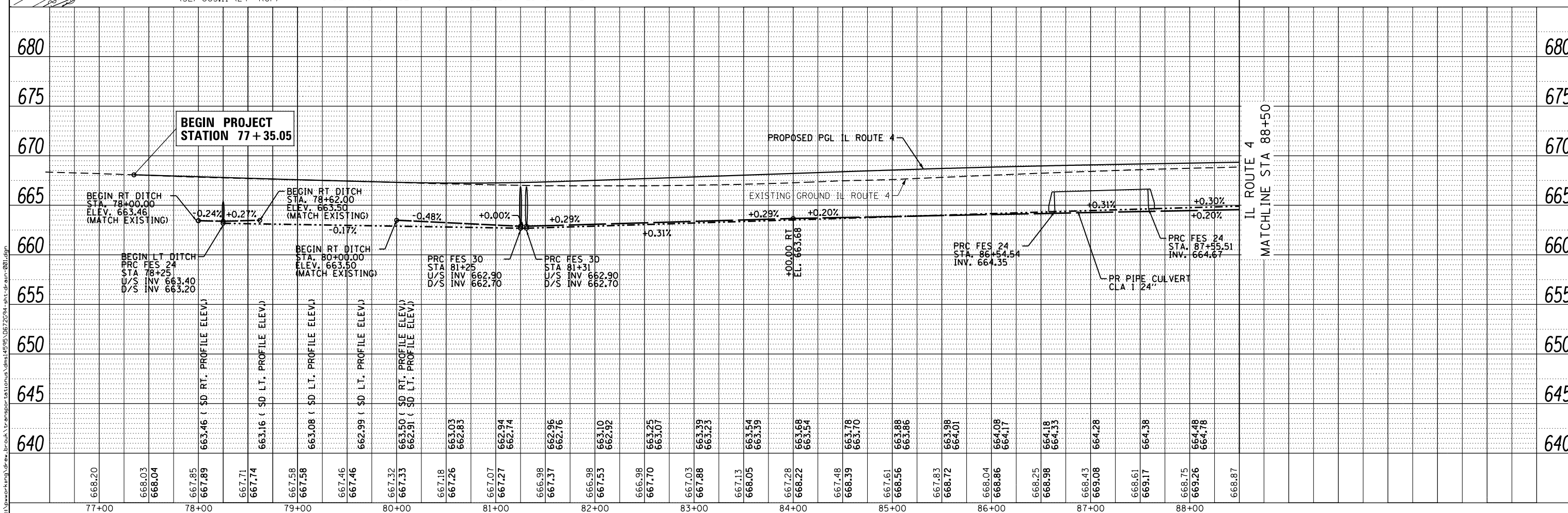
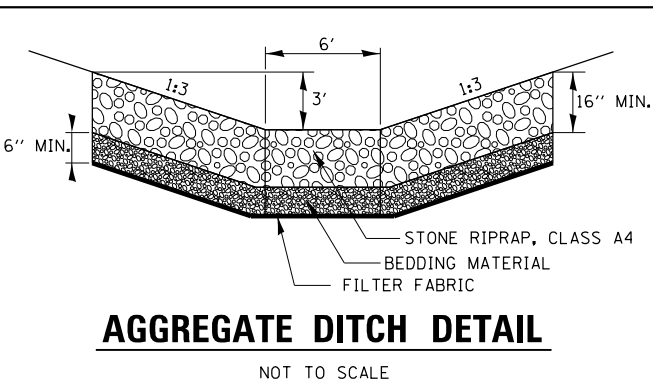
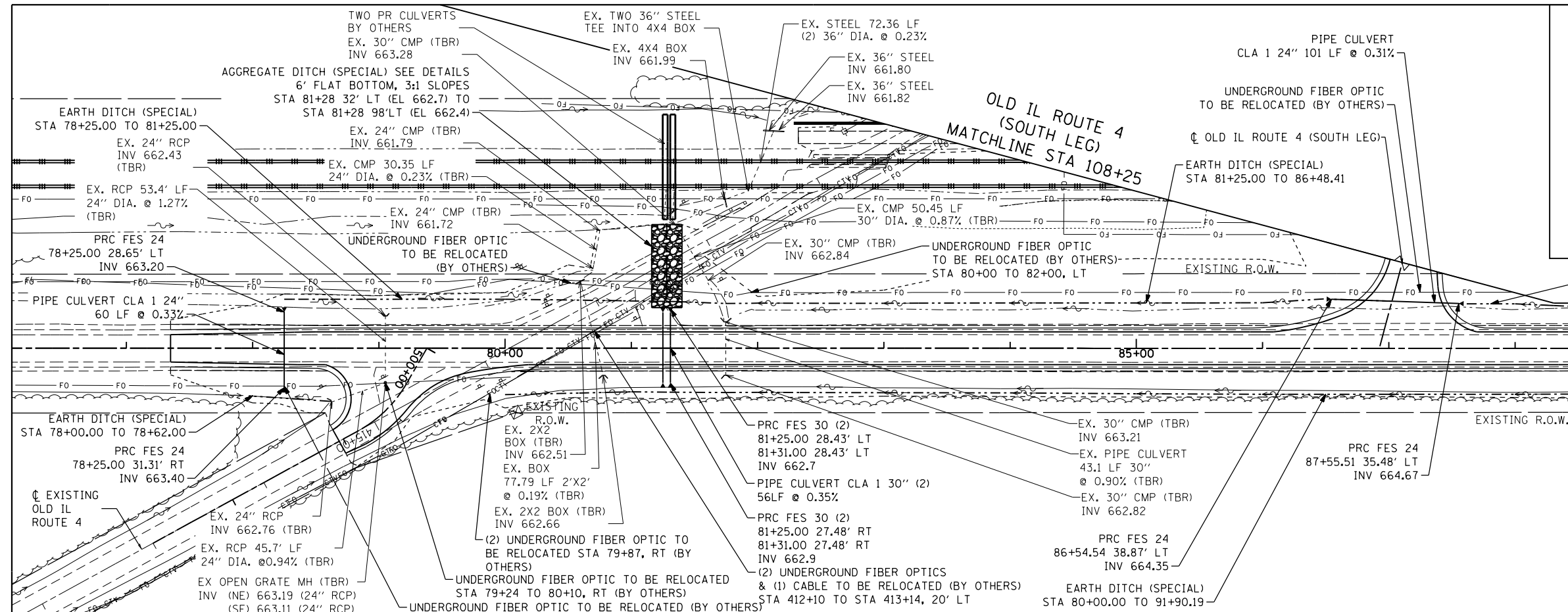
STORM WATER POLLUTION PREVENTION PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	34
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
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NO. 1	
NO. 2	
NO. 3	
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NO. 9	
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DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
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USER NAME = drew.brouk

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DATE - 03/11/2016

REVISIONS:

REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLANS AND PROFILES
IL ROUTE 4

SCALE: 1" = 50'

SHEET 1 OF 3 SHEETS

STA. 80+00.00 TO STA. 88+50.00

F.A.P. RTE. 662

SECTION D6 2015 HSRR

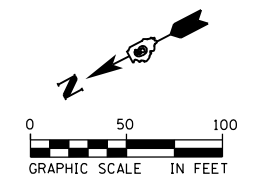
COUNTY MACOUPIN

TOTAL SHEETS 69

SHEET NO. 35

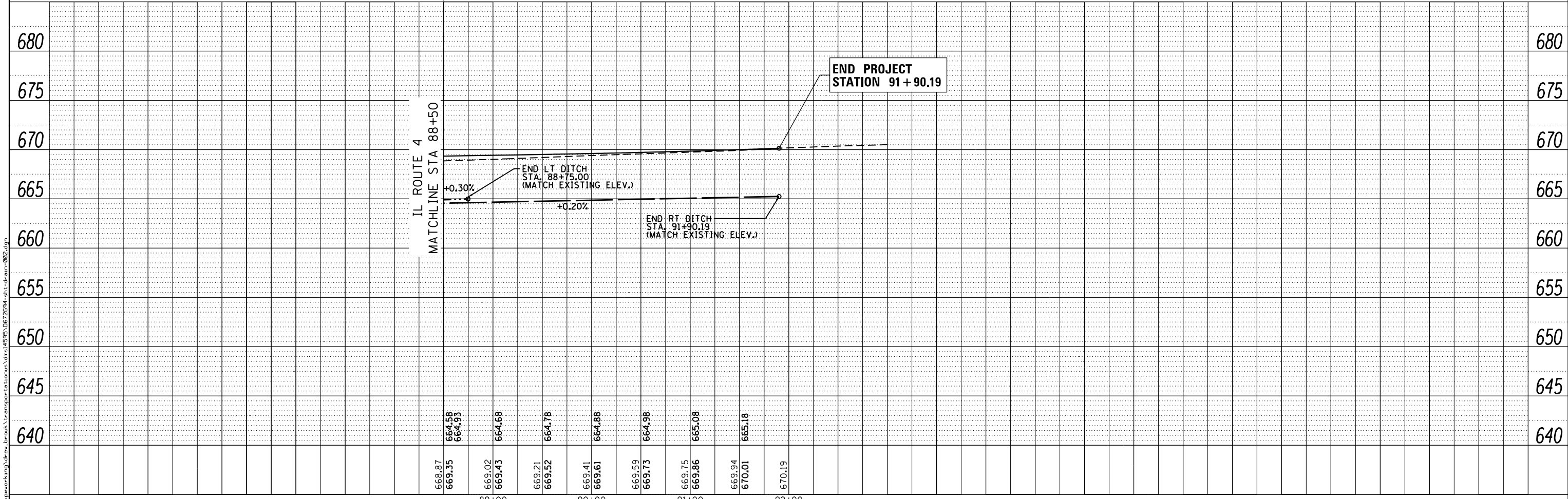
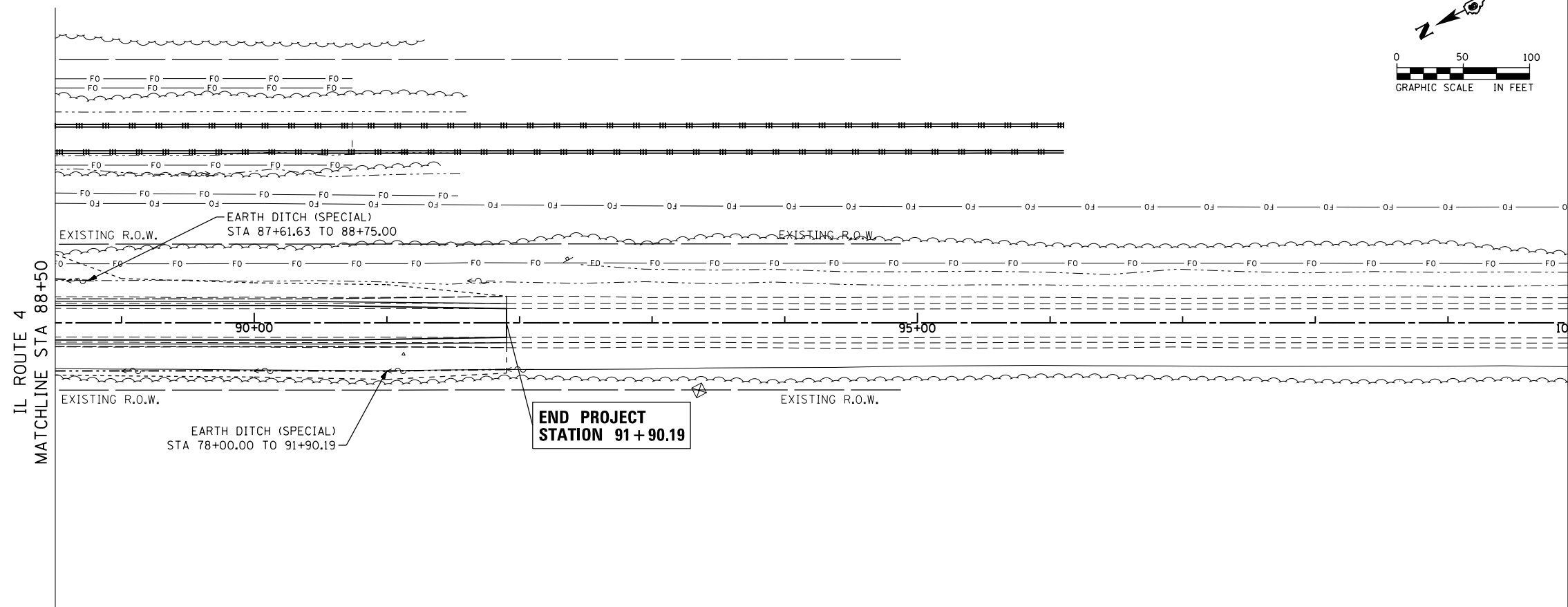
CONTRACT NO. 72C94

ILLINOIS FED. AID PROJECT



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	STRUCTURE NOTATIONS CHECKED		
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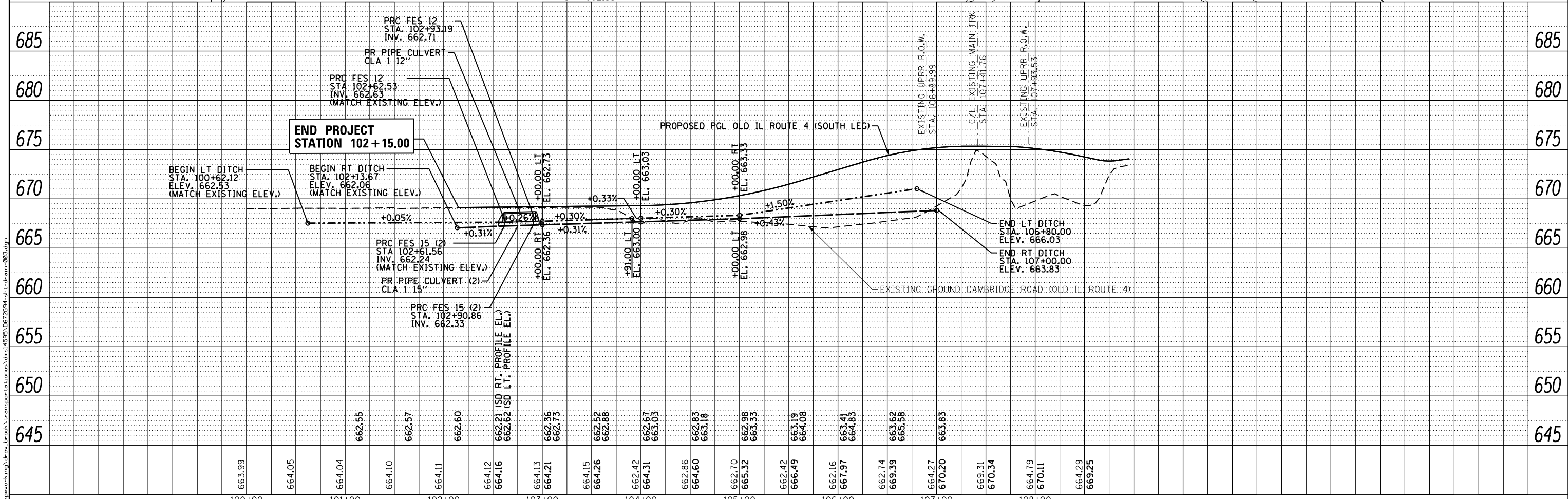
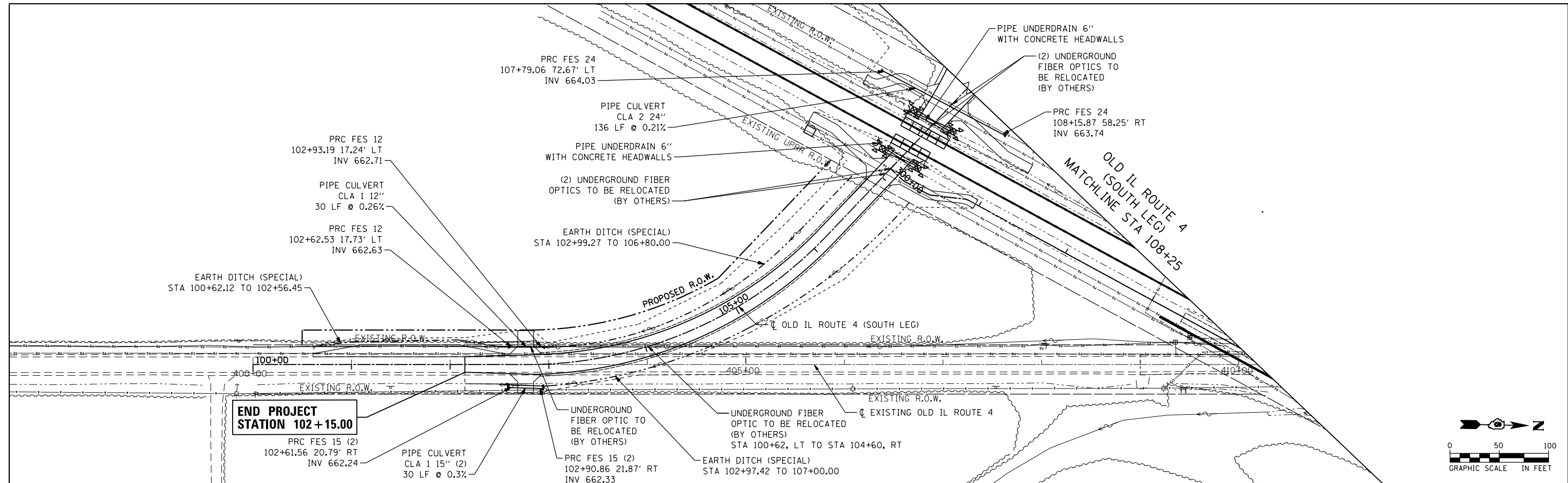
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	FILE NAME		



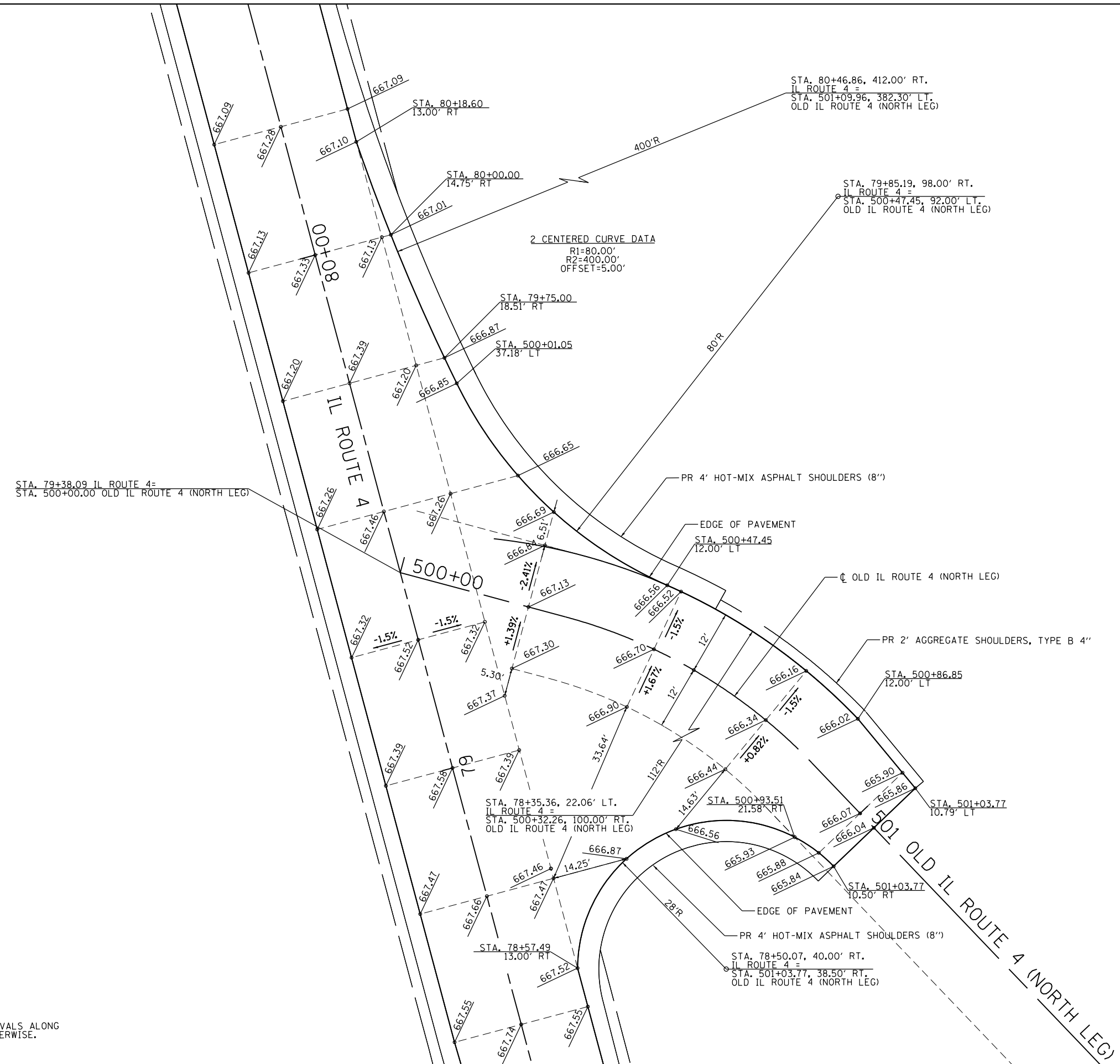
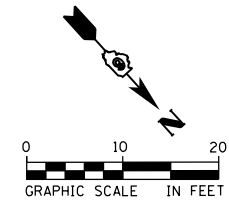
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	PLOT SCALE = 100.0000 ft / in.	CHECKED - JCM	REVISED -		IL ROUTE 4			CONTRACT NO. 72C94					
	PLOT DATE = 3/11/2016	DATE = 03/11/2016	REVISED -		SCALE: 1" = 50'			SHEET = 2	OF 3 SHEETS		STA. 80+00.00 TO STA. 91+90.19		
	ILLINOIS FED. AID PROJECT												

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	NOTE BOOK
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	PLOT SCALE = 100.0000 ft / in.	CHECKED - JCM	REVISED -		OLD IL ROUTE 4 (SOUTH LEG)		CONTRACT NO. 72C94		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -		SCALE: 1" = 50'		SHEET 3 OF 3 SHEETS		STA. 102+15.00 TO STA. 108+25.00			



NOTE:
ELEVATIONS PROVIDED AT 25' INTERVALS ALONG THE CENTERLINE UNLESS NOTED OTHERWISE.

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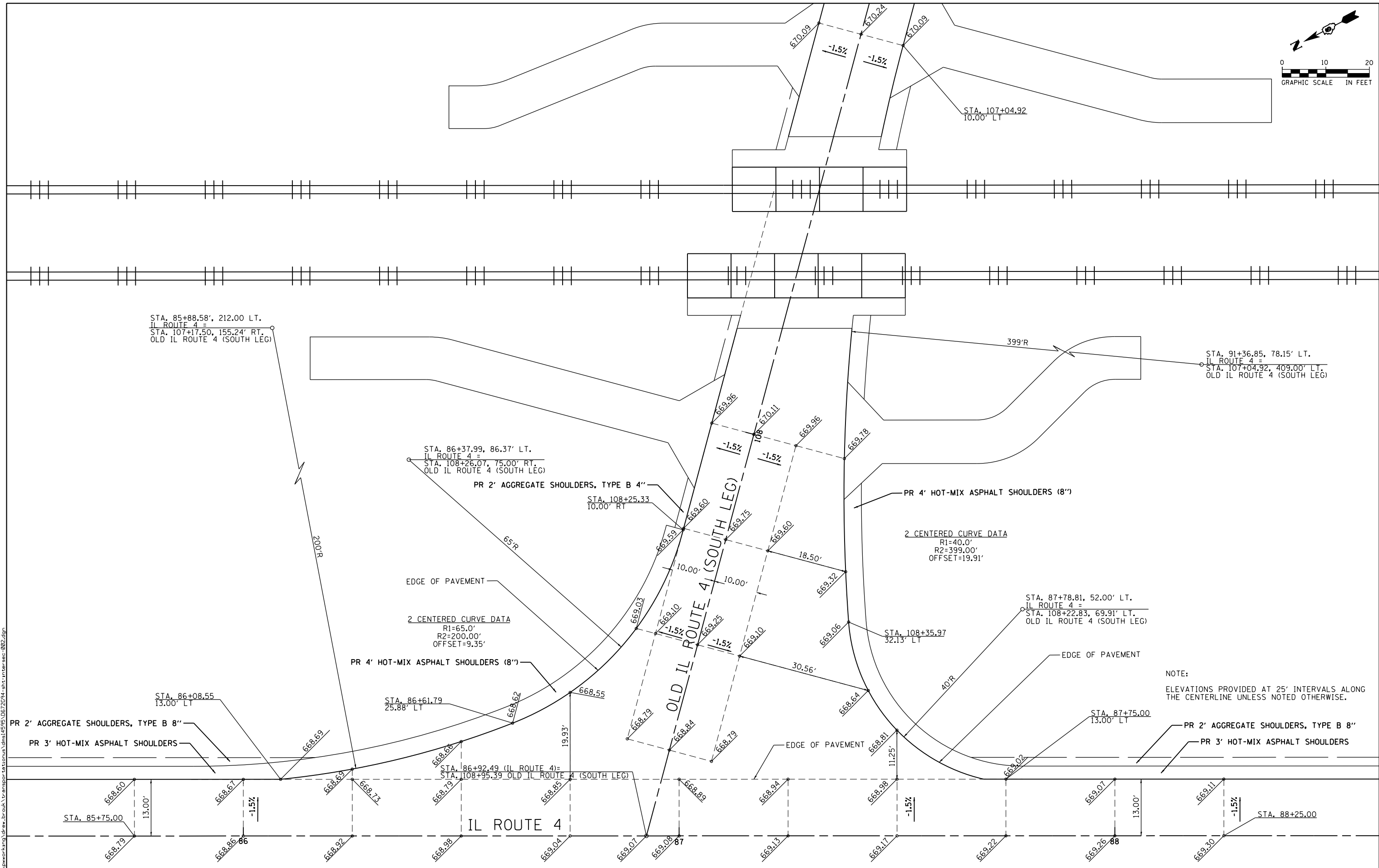
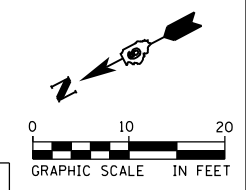
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
OLD IL ROUTE 4 (NORTH LEG)**

SCALE: 1" = 10' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 662	SECTION D6 2015 HSRR	COUNTY MACOUPIN	TOTAL SHEETS 69	SHEET NO. 38
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



NOTE:
ELEVATIONS PROVIDED AT 25' INTERVALS ALONG THE CENTERLINE UNLESS NOTED OTHERWISE.

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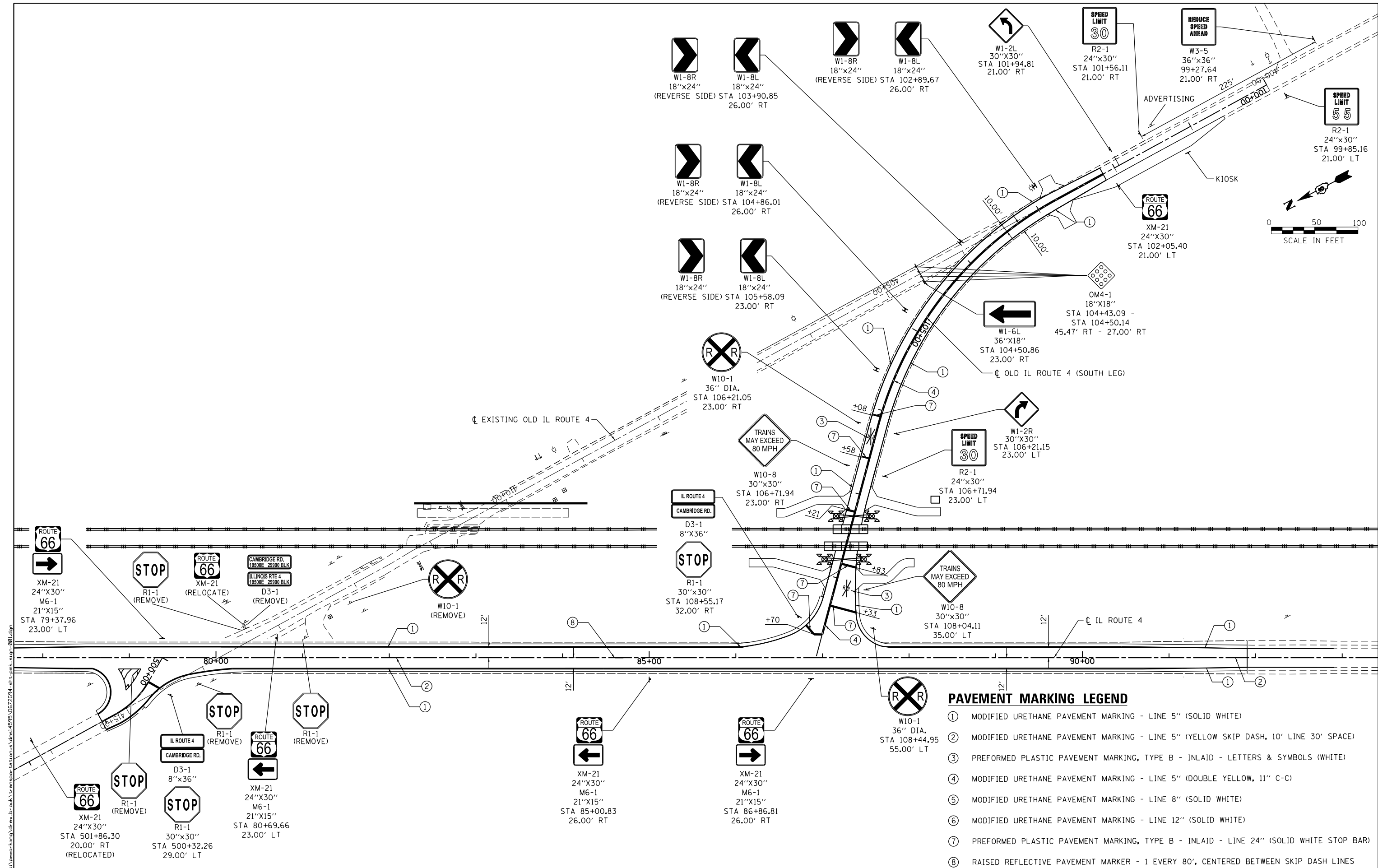


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS		
OLD IL ROUTE 4 (SOUTH LEG)		
SCALE: 1" = 10'	SHEET 2 OF 2 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	39
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (YELLOW SKIP DASH, 10' LINE 30' SPACE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS (WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW, 11" C-C)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (SOLID WHITE STOP BAR)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER - 1 EVERY 80', CENTERED BETWEEN SKIP DASH LINES



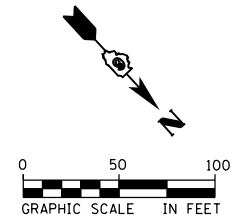
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DATE - 03/11/2016	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND PAVEMENT MARKING PLANS
IL ROUTE 4 AND OLD IL ROUTE 4 (SOUTH LEG)**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	40
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



ROUTE 66
 XM-21
 24"X30"
 M6-1
 21"X15"
 STA 79+37.96
 23.00' LT

OLD IL ROUTE 4
 (NORTH LEG)

IL ROUTE 4
 CAMBRIDGE RD.
 D3-1
 8"X36"
 STOP
 R1-1
 30"X30"
 STA 500+32.26
 29.00' LT

ROUTE 66
 XM-21
 24"X30"
 STA 501+86.30
 20.00' RT
 (RELOCATED)

EXISTING OLD IL ROUTE 4

IL ROUTE 4

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (YELLOW SKIP DASH, 10' LINE 30' SPACE)
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS & SYMBOLS (WHITE)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW, 11" C-C)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (SOLID WHITE STOP BAR)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER - 1 EVERY 80', CENTERED BETWEEN SKIP DASH LINES

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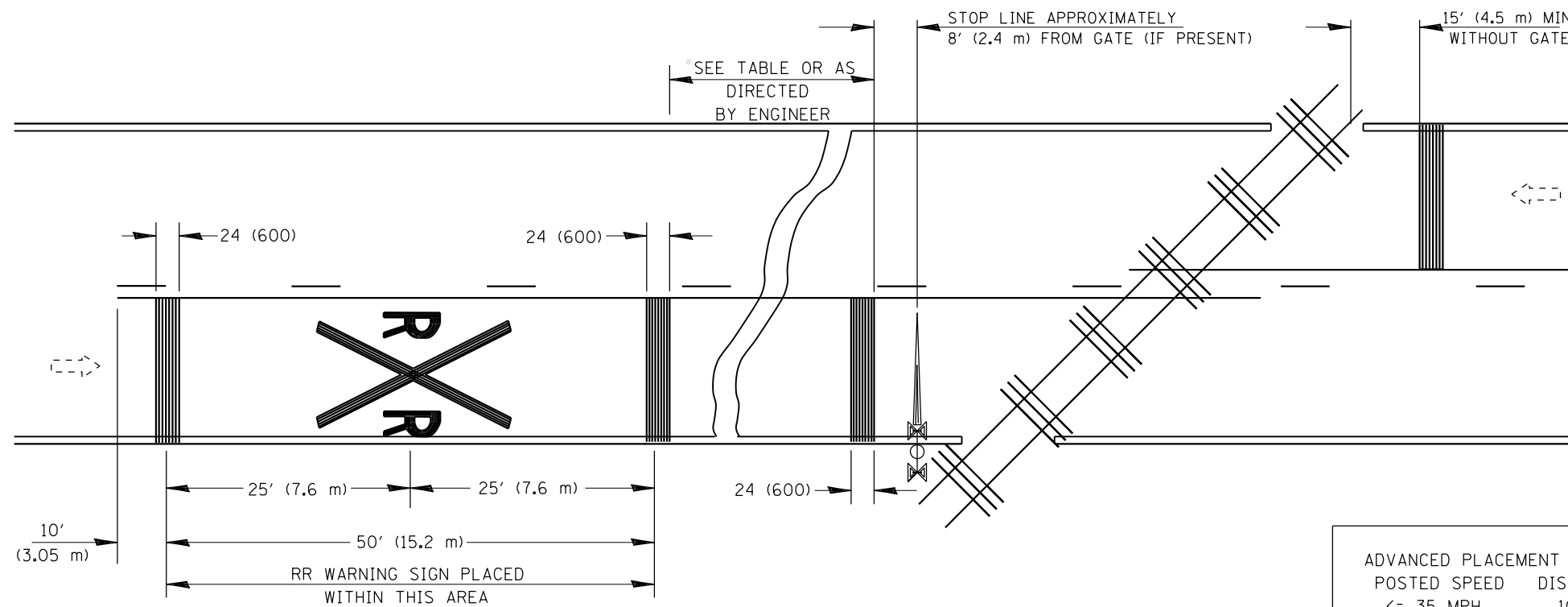


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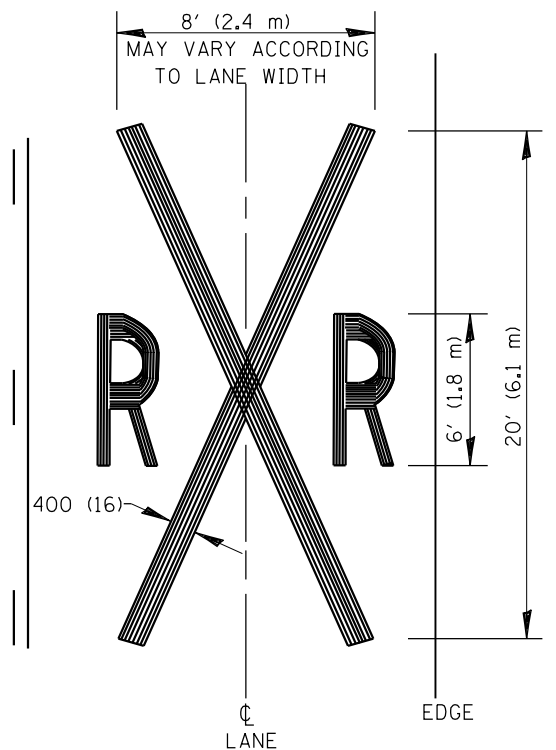
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLANS			
IL ROUTE 4 AND OLD IL ROUTE 4 (NORTH LEG)			
SCALE: 1" = 50'	SHEET 2 OF 2 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	41
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



POSTED SPEED	DISTANCE
<= 35 MPH	100 FT
40 MPH	125 FT
45 MPH	175 FT
50 MPH	250 FT
55 MPH	325 FT
60 MPH	400 FT
65 MPH	475 FT



THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING THE APPROACH SPEED AND THE SIGHT DISTANCE OF THE VEHICULAR TRAFFIC APPROACHING, BUT SHOULD NOT BE LESS THAN 50' (15.2 m)

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL RRR SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

REFER TO STANDARD ALPHABET FOR HIGHWAY SIGNS AND MARKINGS FOR RRR SYMBOLS DETAILS.

R = 3.6 SQ. FT.
X = 54.0 SQ. FT.

ALL PAVEMENT MARKING MATERIALS SHALL BE: PREF PLASTIC PAV'T MKG TYPE B (INLAID)

TYPICAL PAVEMENT MARKINGS
AT
RAILROAD-HIGHWAY GRADE CROSSINGS

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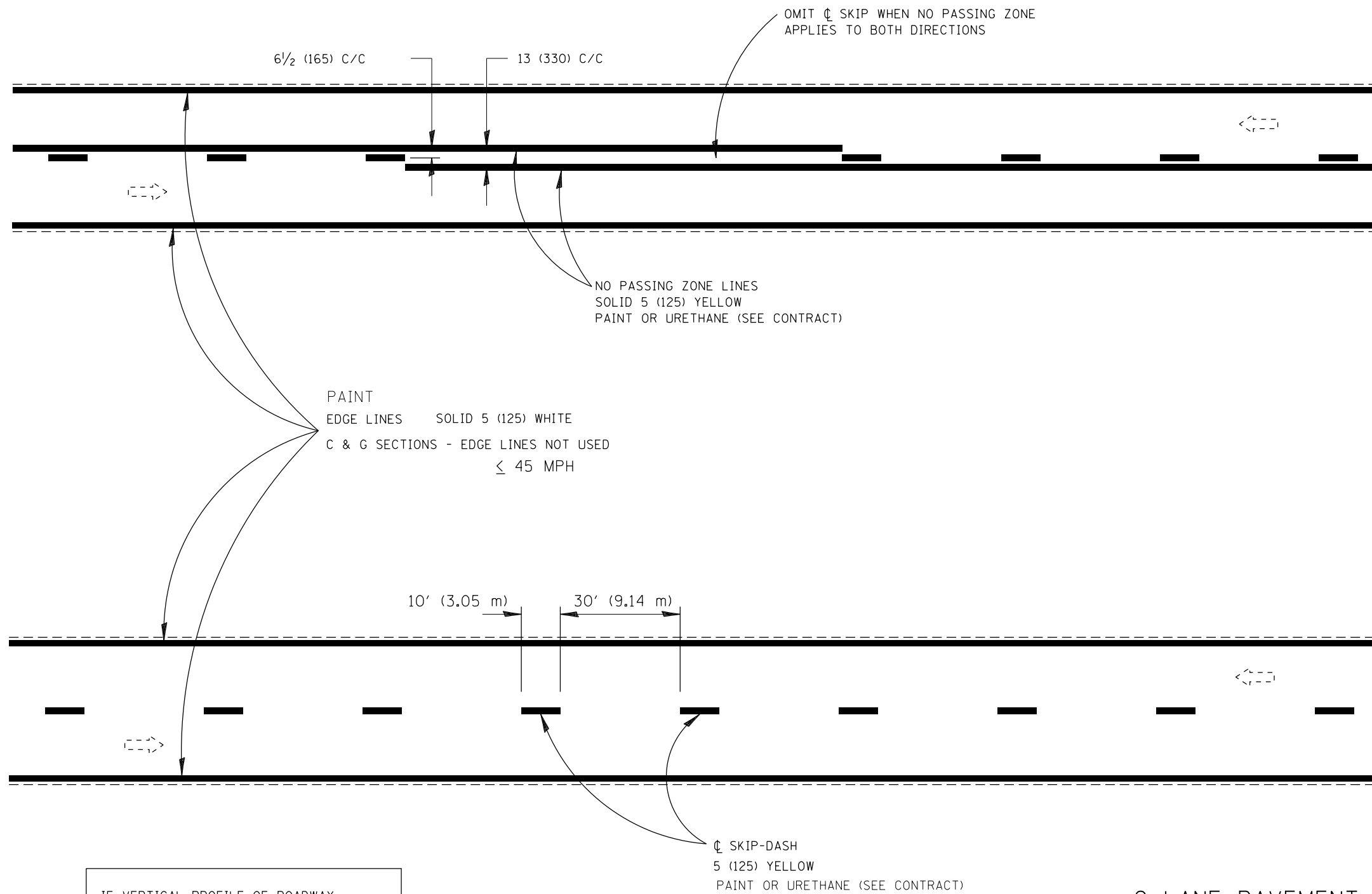


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 6 DETAILS		
PAVEMENT MARKING STANDARDS		
SCALE: NTS	SHEET 1 OF 5 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	46
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



IF VERTICAL PROFILE OF ROADWAY IS CHANGED DURING CONSTRUCTION, "NO PASSING ZONES" ARE TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PERMANENT PAVEMENT MARKINGS.

2 LANE PAVEMENT

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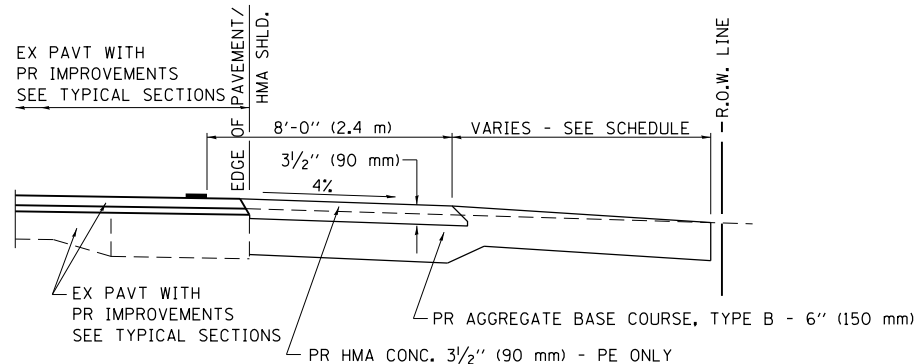
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	DRAWN - DAB	REVISED -
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

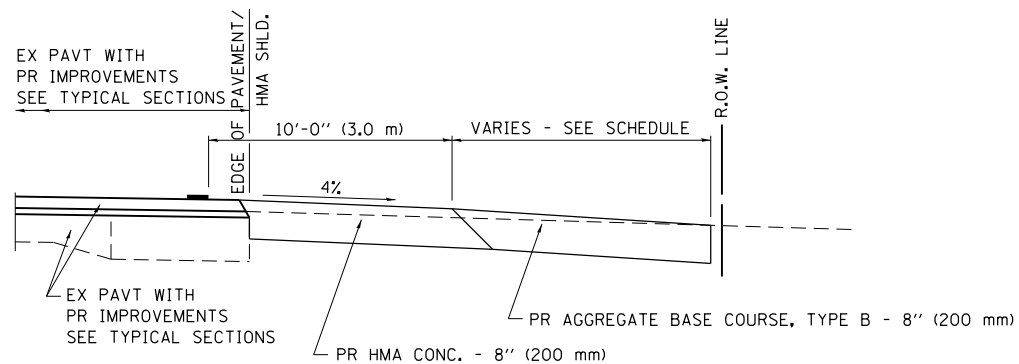
DISTRICT 6 DETAILS
PAVEMENT MARKING STANDARDS

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

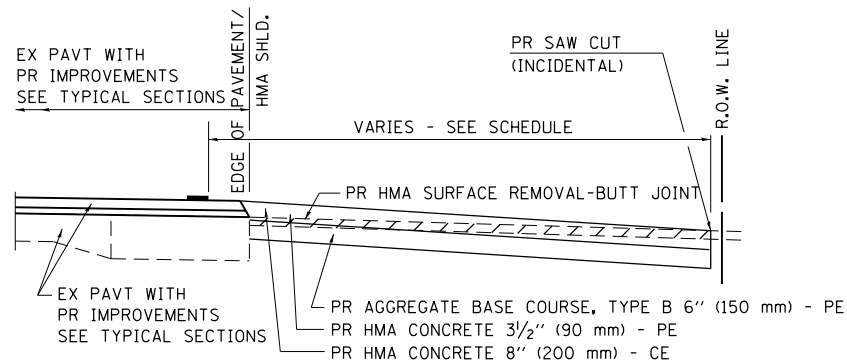
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	47
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



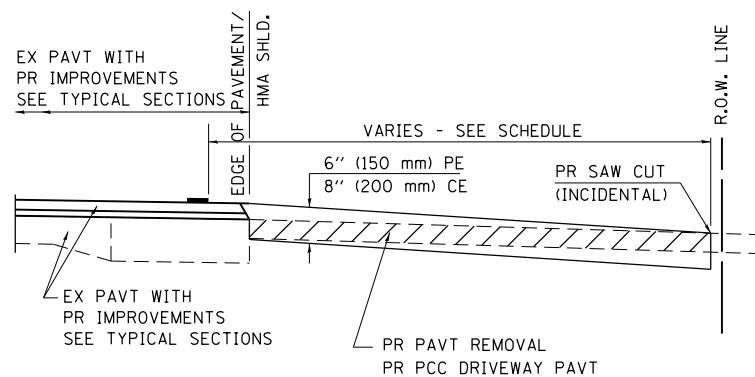
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



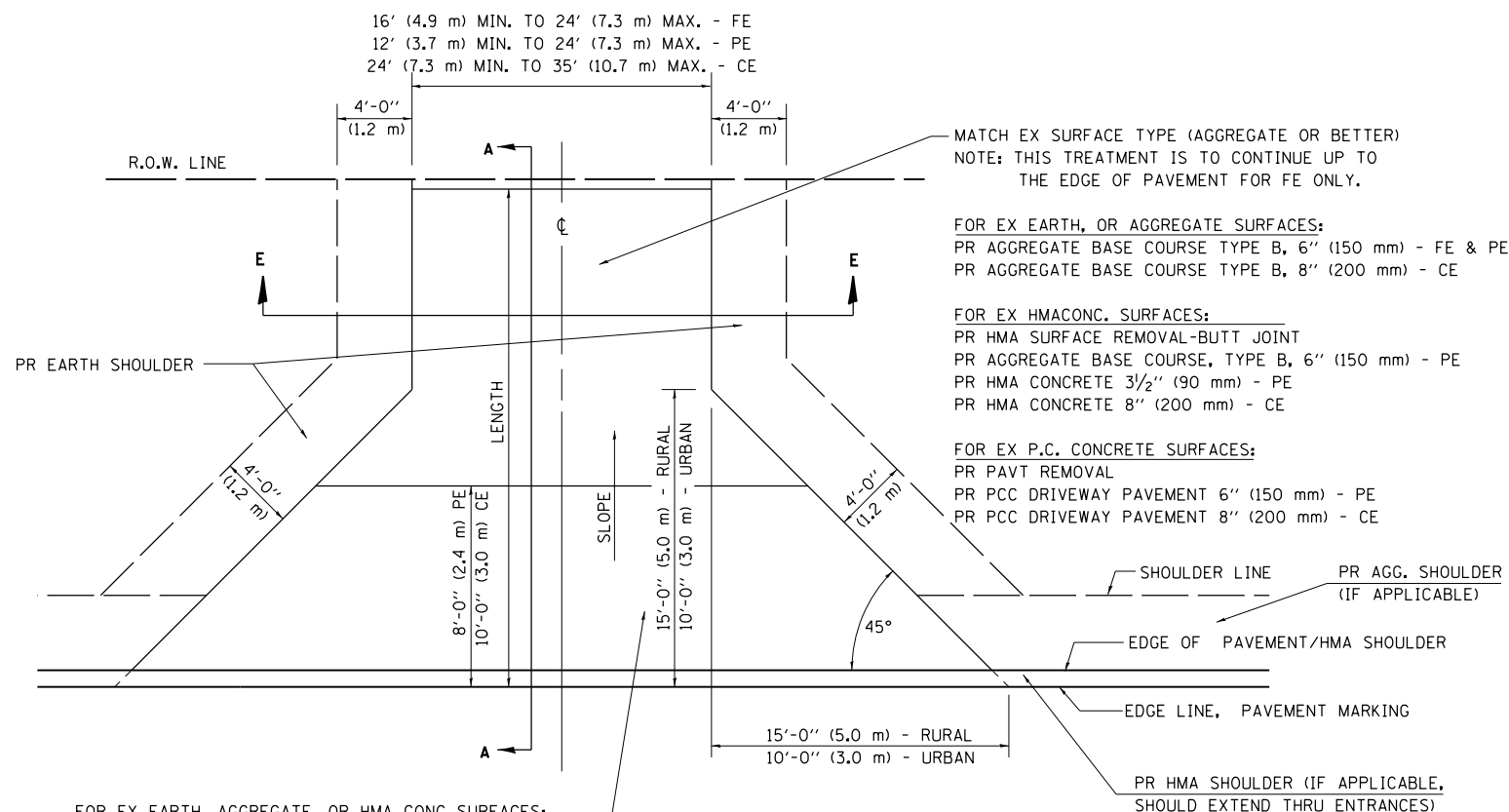
SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX HMA PE & CE



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



FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE B 6" (150 mm) - FE
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm) &
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT 8" (200 mm) - CE

GENERAL NOTES:

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

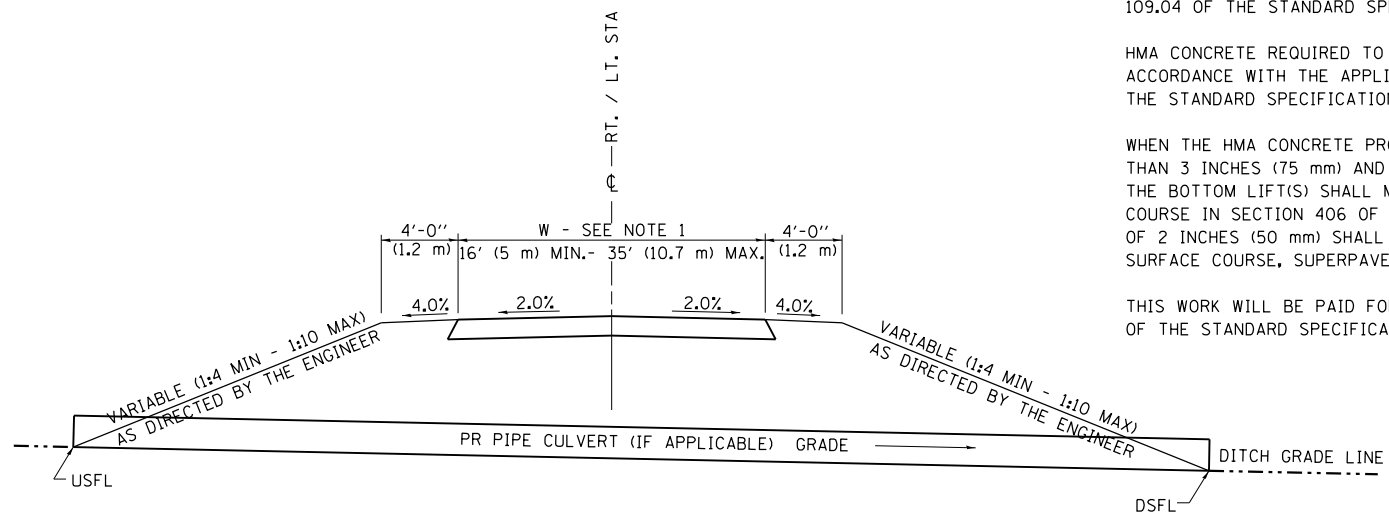
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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

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

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

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



SECTION E - E ENTRANCE TYPICAL SECTION

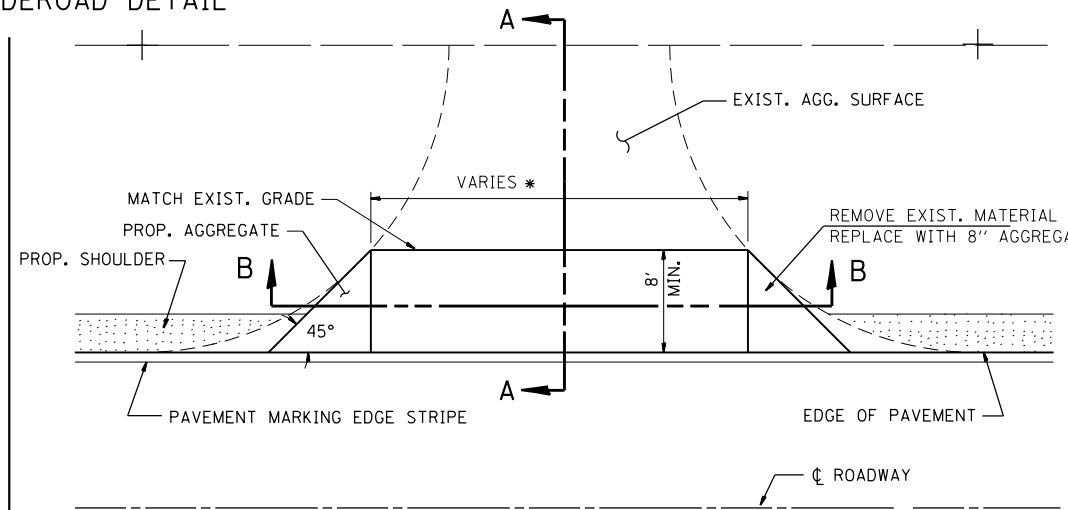
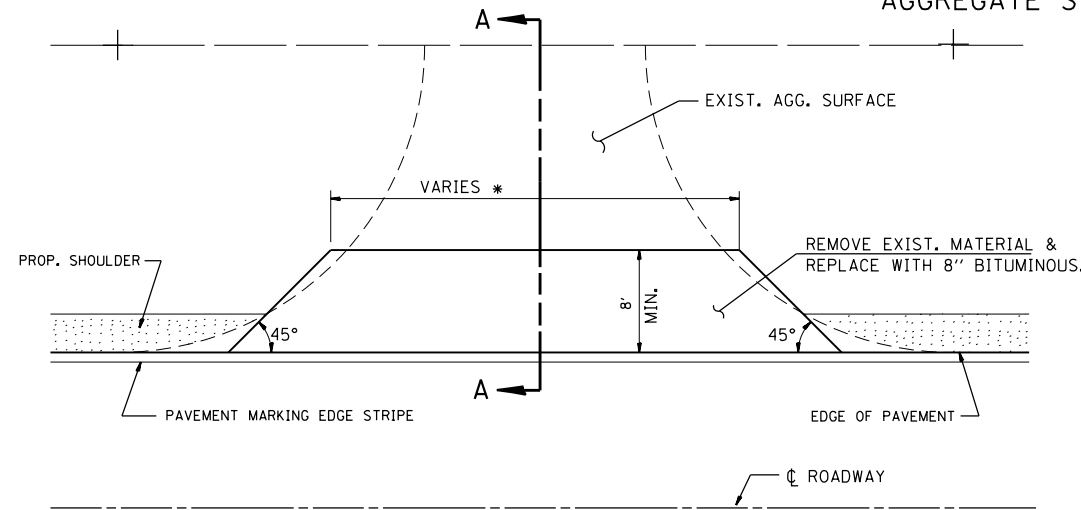
NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

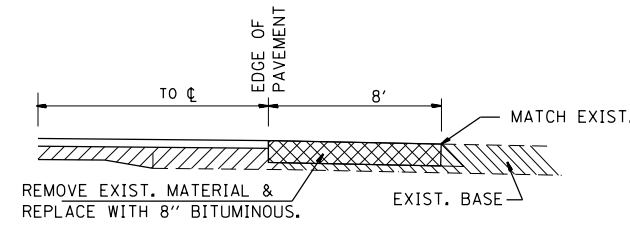
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AECOM	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 6 DETAILS RURAL /URBAN ENTRANCE (3R - PROJECTS)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / in.	DRAWN - DAB	REVISED -				662	D6 2015 HSRR	MACOUPIN	69	48
	PLOT DATE = 3/11/2016	CHECKED - JCM	REVISED -				CONTRACT NO. 72G94				
				SCALE: NTS SHEET 3 OF 5 SHEETS STA. N/A TO STA. N/A			ILLINOIS FED. AID PROJECT				

AGGREGATE SIDEROAD DETAIL

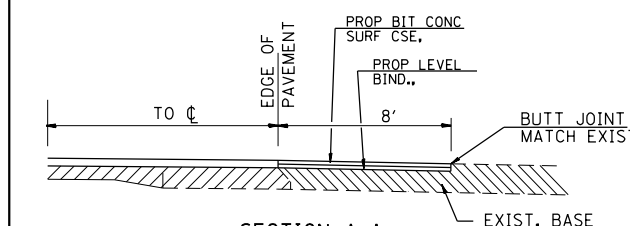


* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



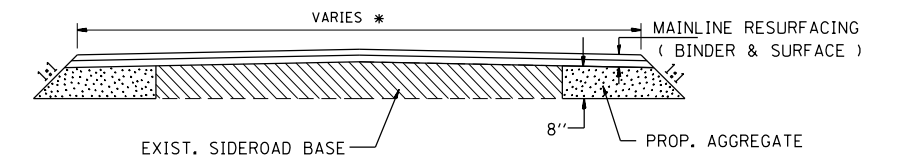
SECTION A-A

TYPE A



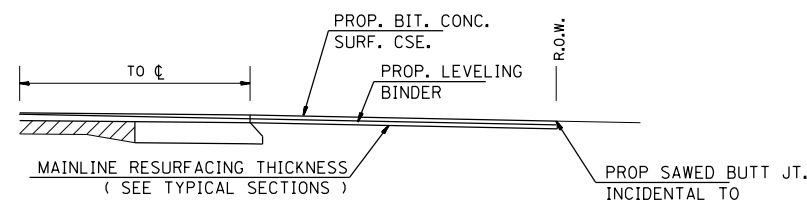
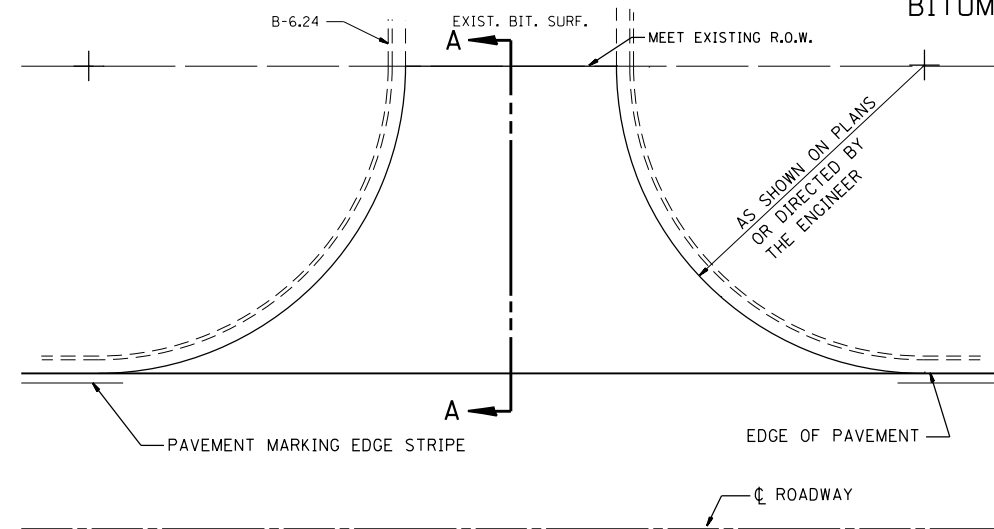
SECTION A-A

TYPE B



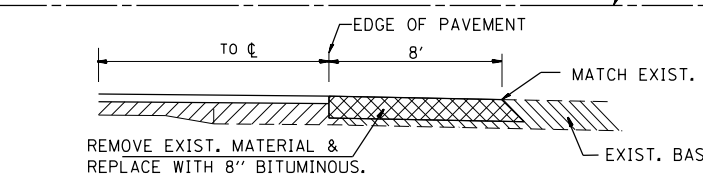
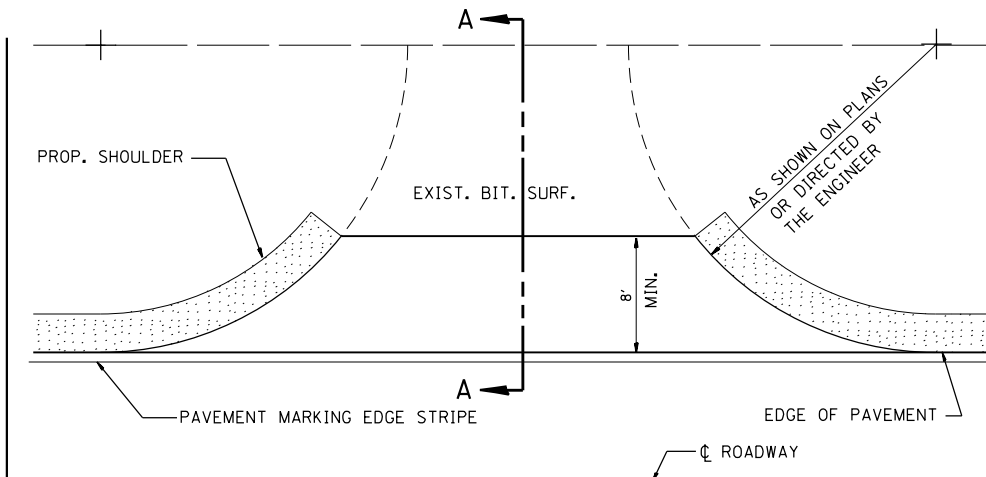
SECTION B-B

BITUMINOUS SIDEROAD DETAIL

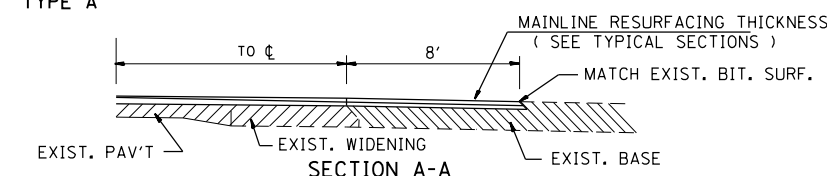


SECTION A-A

URBAN ROAD OR STREET



TYPE A



TYPE B

RURAL SIDEROADS

NOTES

1. THE SIDEROAD TREATMENT FOR RURAL BITUMINOUS SIDEROADS SHALL BE CONTINUED TO THE END OF THE RADIUS RETURN IF RADIUS IMPROVEMENT IS SHOWN ON THE PLANS.
2. IF VERTICAL GRADE CHANGE IS OCCURRING, THEN THE SIDEROAD TREATMENT SHALL CONTINUE UNTIL THE PROPOSED CHANGE MEETS THE EXISTING SIDEROAD.
3. THE ROADWAY PLANS AND SCHEDULE WILL LIST THE QUANTITIES AND LOCATIONS FOR ALL SIDEROADS.

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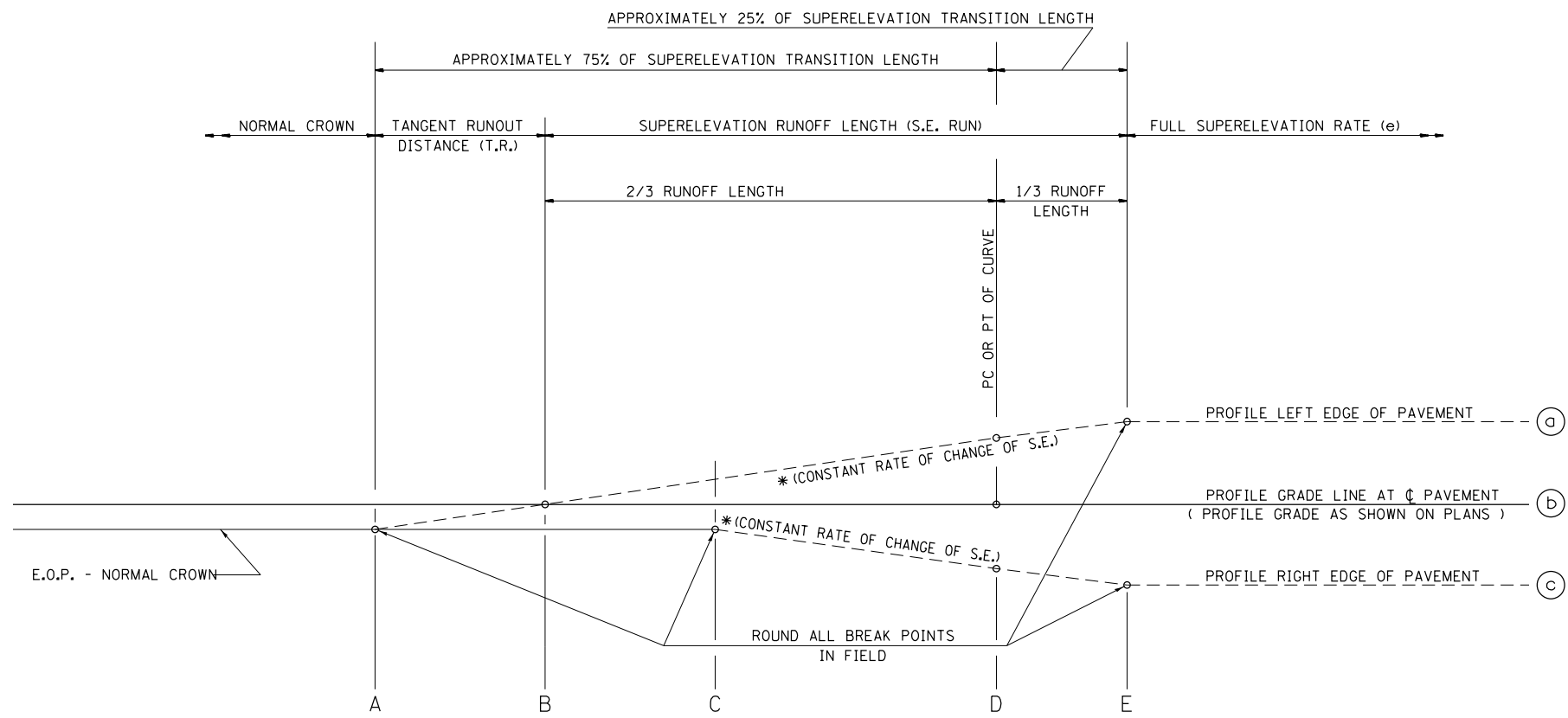
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 6 DETAILS
SIDEROAD DETAILS

SCALE: NTS SHEET 4 OF 5 SHEETS STA. N/A TO STA. N/A

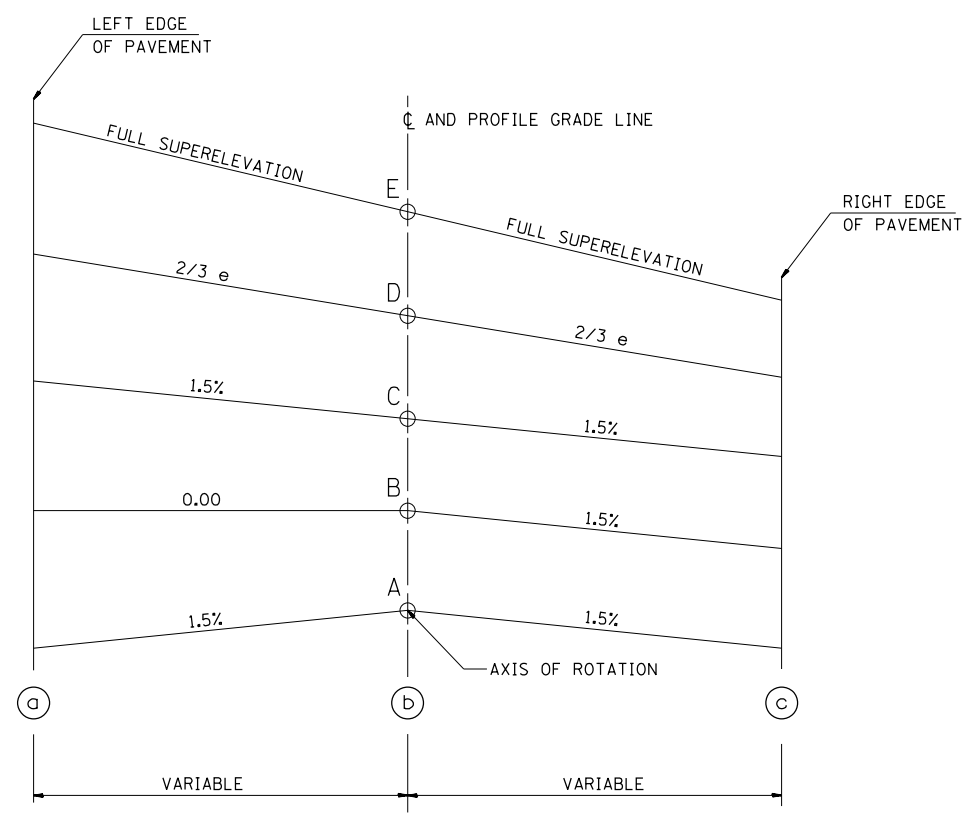
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	49
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



SEE PLANS FOR CURVE DATA INFORMATION

CURVE DATA
 P.I. STA = 104+57.55
 $\Delta = 46^\circ 23' 57''$ (LT)
 R = 420.00'
 T = 180.01'
 L = 340.12'
 E = 36.95'
 e = SUPERELEVATION RATE IN PERCENT = 3.93%
 T.R. = TANGENT RUNOUT DISTANCE = 25.00'
 S.E. RUN = SUPERELEVATION RUNOFF LENGTH = 65.00'
 P.C. STA = 102+77.54
 P.T. STA = 106+17.66

TYPICAL PROFILE - S.E. TRANSITION



TYPICAL CROSS SECTION - S.E. TRANSITION

CURVE NO.	e	A	B	C	D	E	TRANSITION
71WOLDRT4SP1	3.93%	102+24.24	102+34.24	102+59.24	102+77.54	102+99.24	TRANS. IN
		106+85.96	106+60.96	106+35.96	106+17.66	105+95.96	TRANS. OUT

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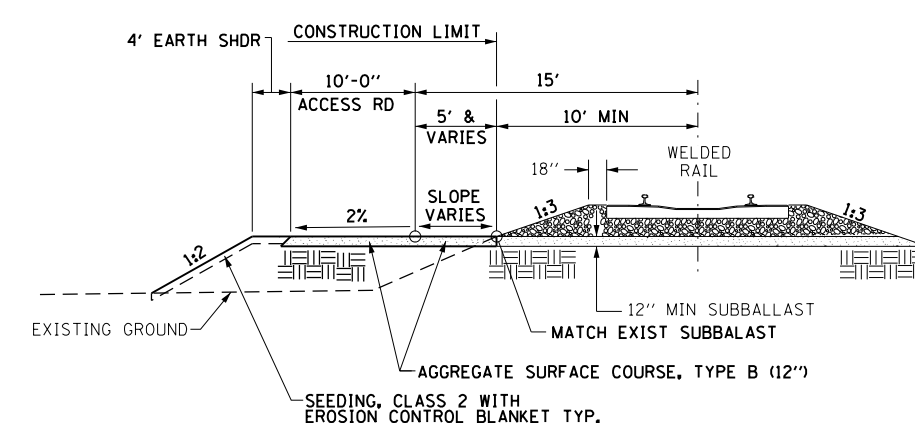
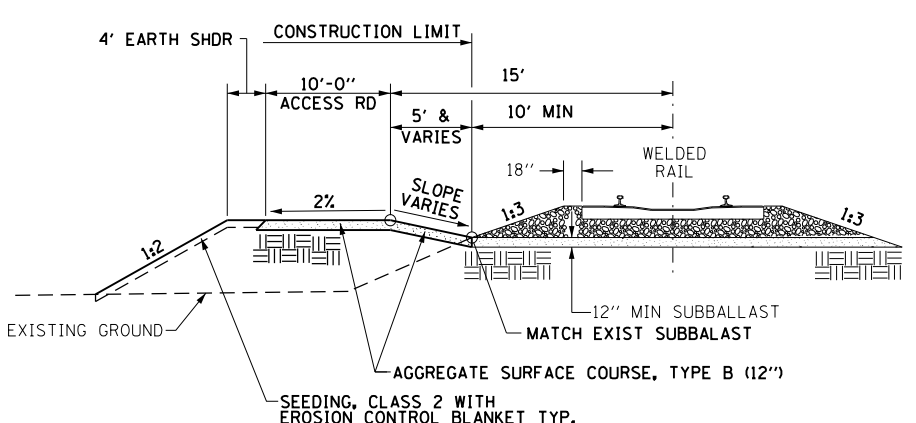
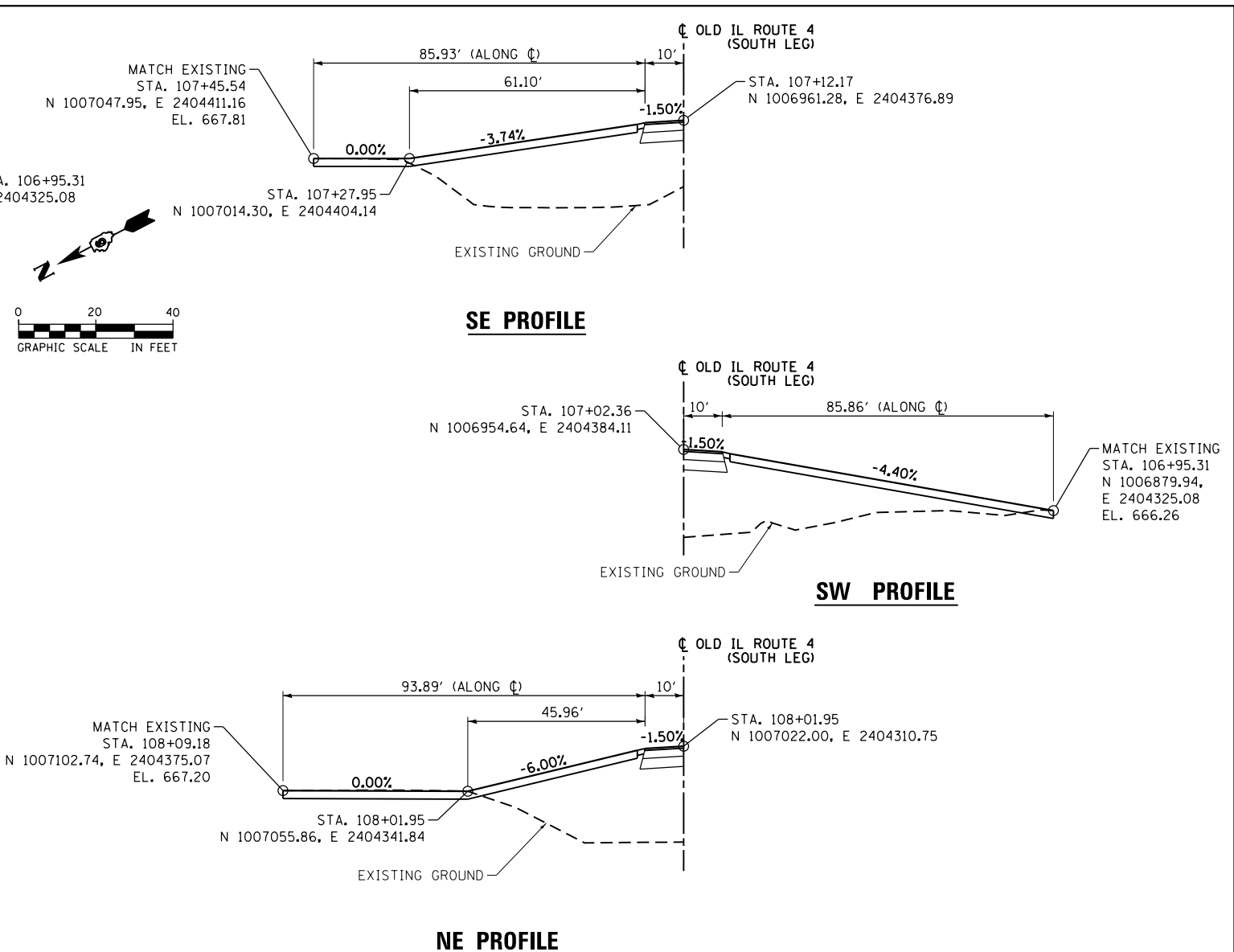
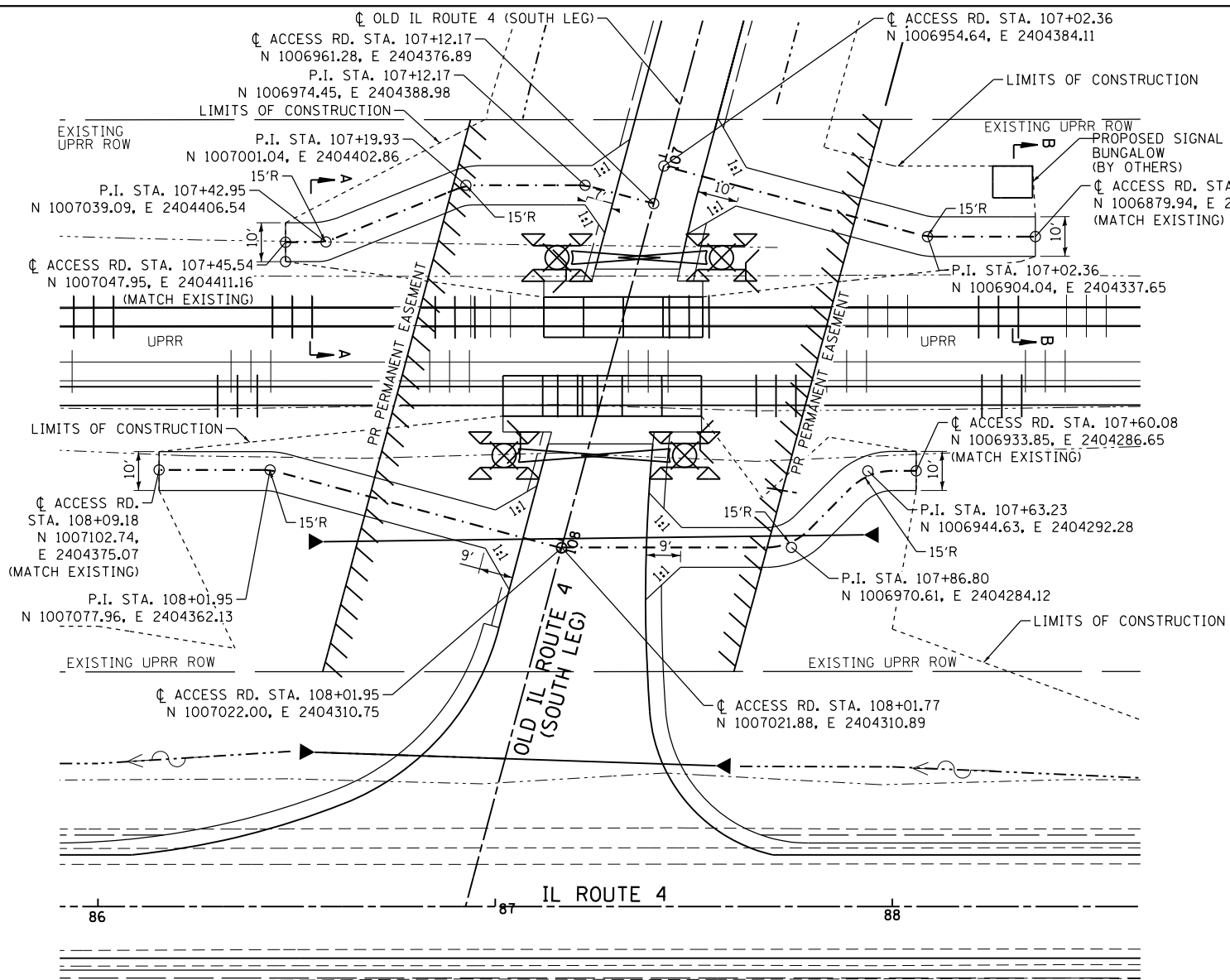
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 6 DETAILS
SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	50
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



DETAIL OF ACCESS ROAD

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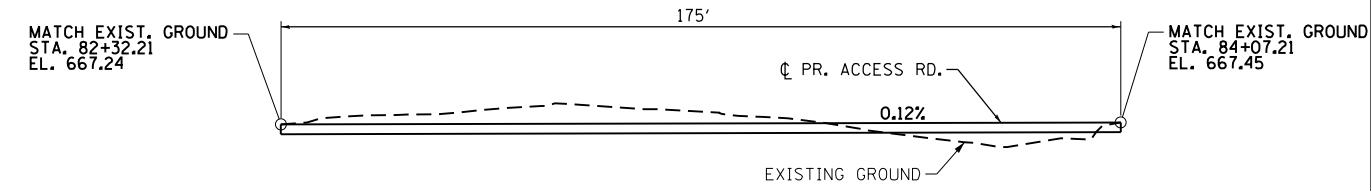
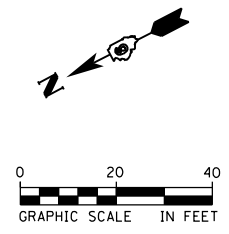
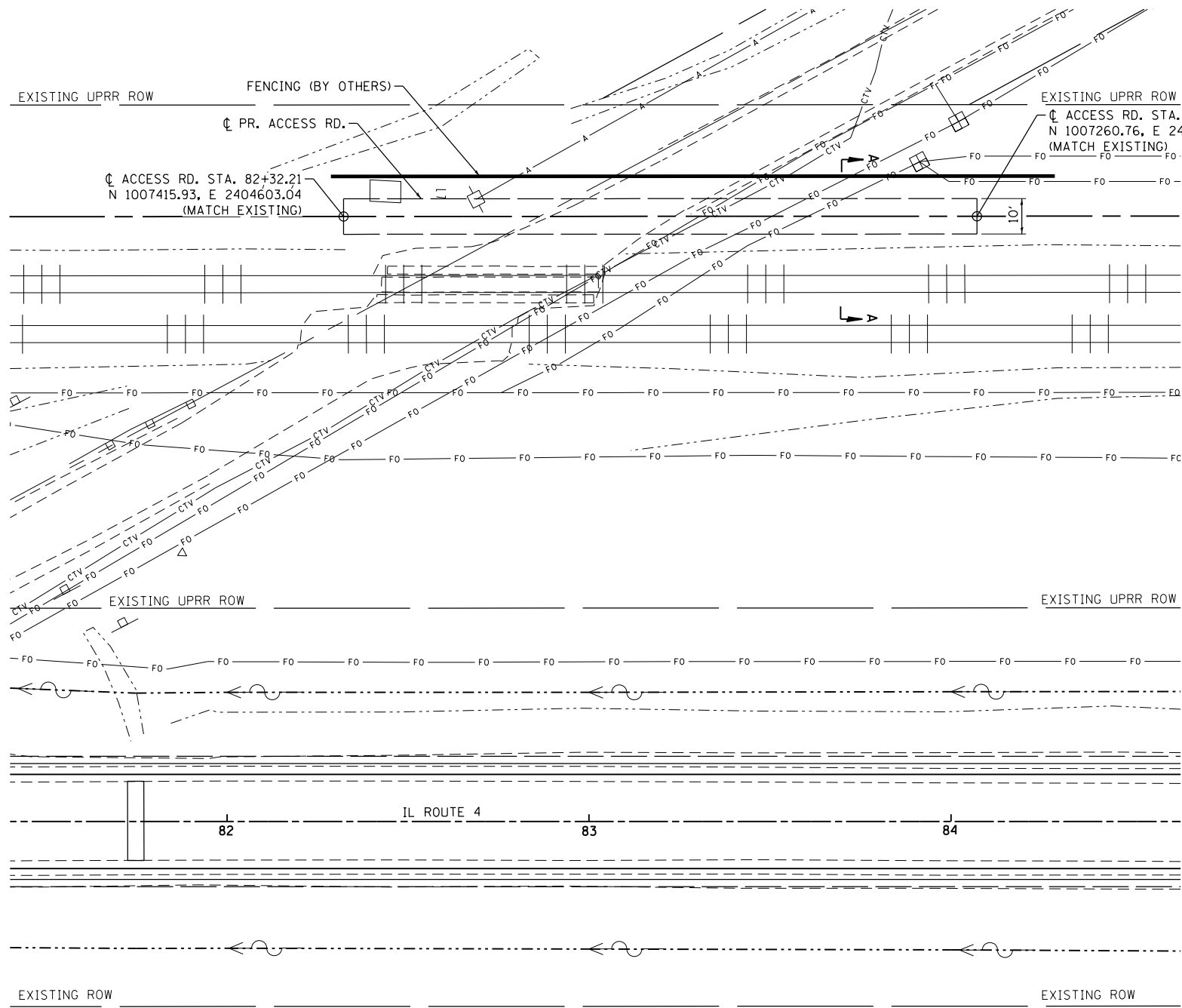


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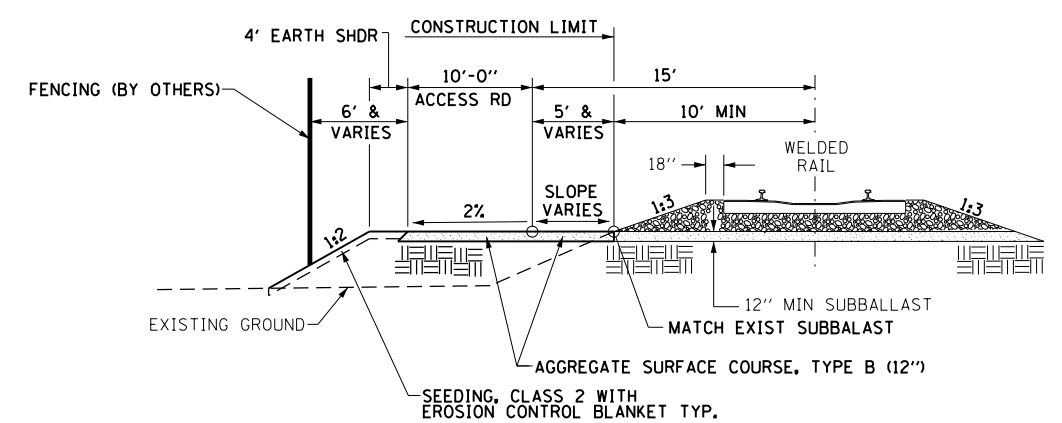
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
RAILROAD ACCESS RD. - OLD IL ROUTE 4 (SOUTH LEG)

F.A.P. RTE. 662	SECTION D6 2015 HSRR	COUNTY MACOUPIN	TOTAL SHEETS 69	SHEET NO. 51
SCALE: 1" = 20'				CONTRACT NO. 72C94
SHEET 1 OF 5 SHEETS STA. N/A TO STA. N/A				ILLINOIS FED. AID PROJECT



ACCESS RD. PROFILE



SECTION A-A
(NTS)

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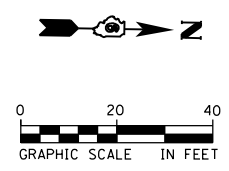


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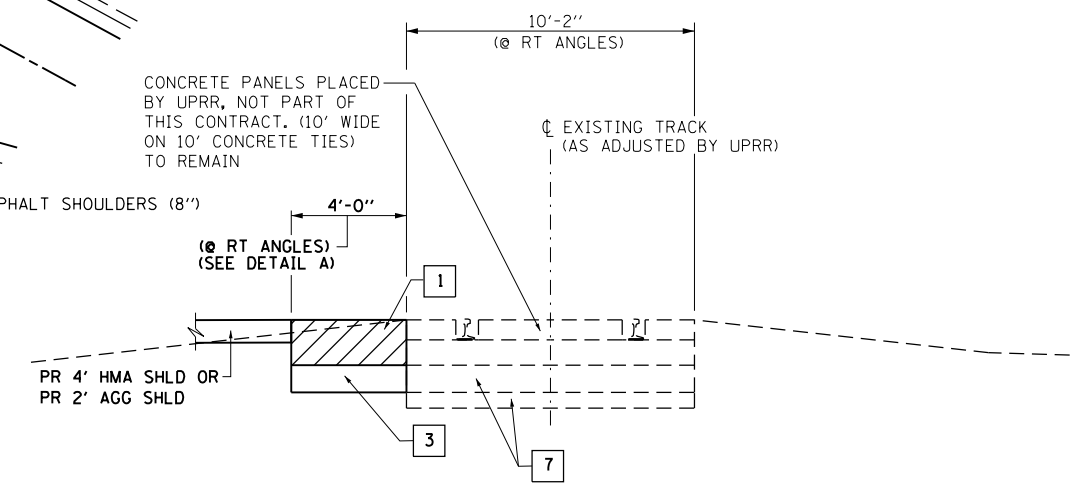
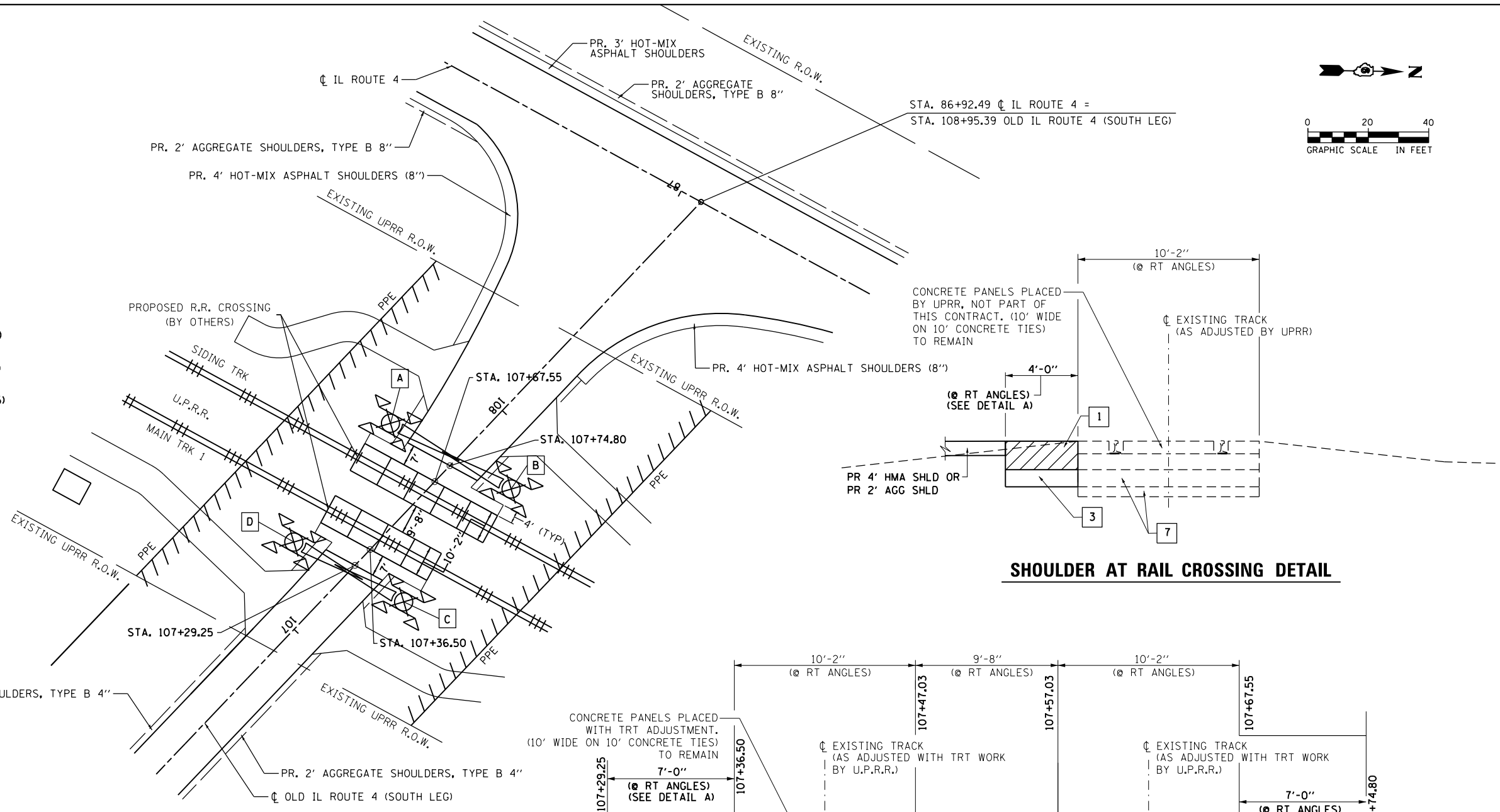
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS		
RAILROAD ACCESS RD. - IL ROUTE 4		
SCALE: 1" = 20'	SHEET 2 OF 5 SHEETS	STA. N/A TO STA. N/A

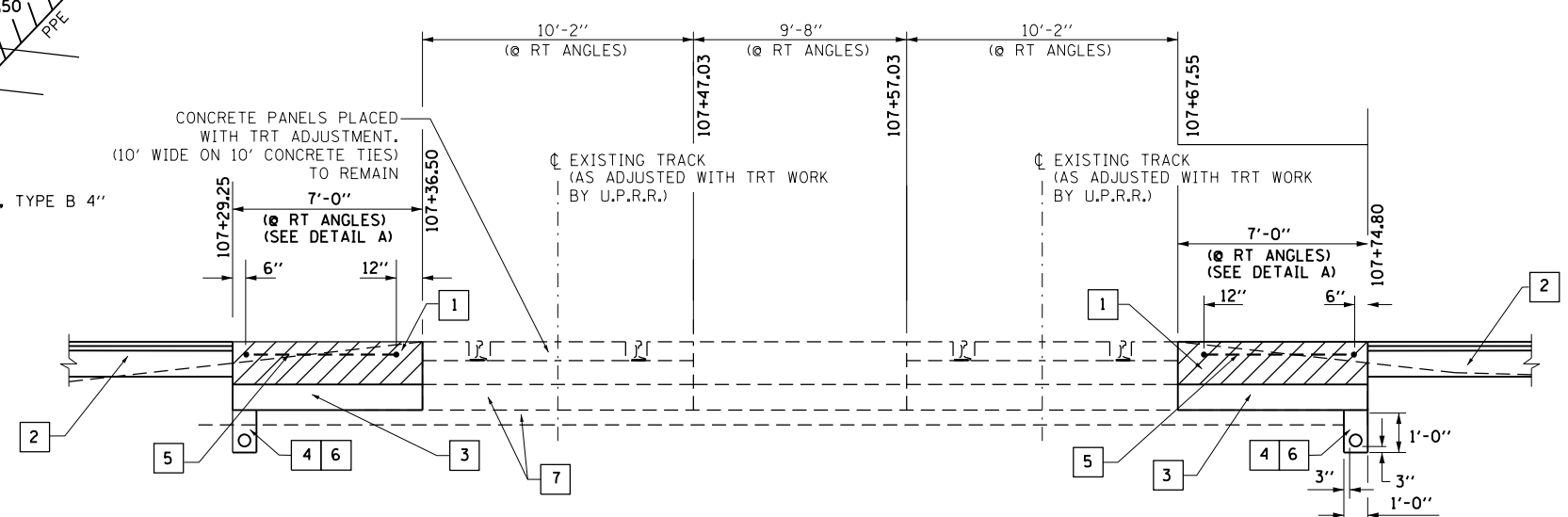
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	52
CONTRACT NO. 72G94				
ILLINOIS FED. AID PROJECT				



- A STA. 107+71.40, 23.93' LT. (N 1006983.71, E 2404317.07)
- B STA. 107+83.18, 20.00' RT. (N 1007024.04, E 2404338.10)
- C STA. 107+31.60, 20.00' RT. (N 1006989.16, E 2404376.10)
- D STA. 107+20.86, 20.00' LT. (N 1006952.43, E 2404356.95)

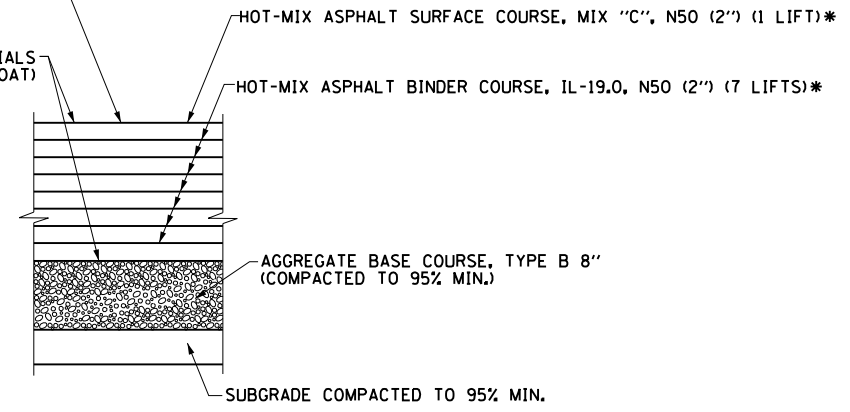


SHOULDER AT RAIL CROSSING DETAIL



PAVEMENT AT RAIL CROSSING DETAIL

UPRR SHALL INSTALL SIGNAL LOOPS. CONTRACTOR SHALL COORDINATE WITH UPRR REGARDING DEPTH AND LOCATION OF LOOPS. MAX DEPTH SURFACE COURSE SHALL BE 4"*



DETAIL A
TYPICAL PAVEMENT STRUCTURE AT RAIL CROSSING
STA 107+29.25 TO 107+36.50
STA 107+67.55 TO 107+74.80

- 1 CONTRACTOR TO REMOVE PAVEMENT OR SHOULDER TO 16" BELOW PROPOSED ROADWAY PGL. PLACE HMA BINDER COURSE CAP IN 2" LIFTS WITH BINDER COURSE BELOW THE LOOPS, THEN SURFACE COURSE TO THE PROPOSED GRADE.
- 2 SEE PAVEMENT SECTION SHOWN ON PROPOSED TYPICAL SECTIONS SHEET.
- 3 AGGREGATE BASE COURSE, TYPE B 8" SLOPE TOWARD DRAIN.
- 4 POROUS GRANULAR BACKFILL WITH PIPE UNDERDRAIN 6" (SPECIAL). COST OF BACKFILL INCLUDED IN AGGREGATE BASE COURSE, TYPE B 8".
- 5 CONTRACTOR TO COORDINATE WITH UPRR SIGNAL REGARDING PLACEMENT OF DETECTOR LOOPS.
- 6 CONTRACTOR TO FURNISH AND INSTALL GEOTECHNICAL FABRIC AND UNDERDRAIN. COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B 8".
- 7 BALLAST AND SUBBALLAST (TO REMAIN).



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000 Ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

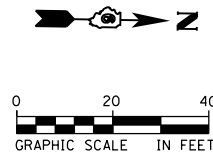
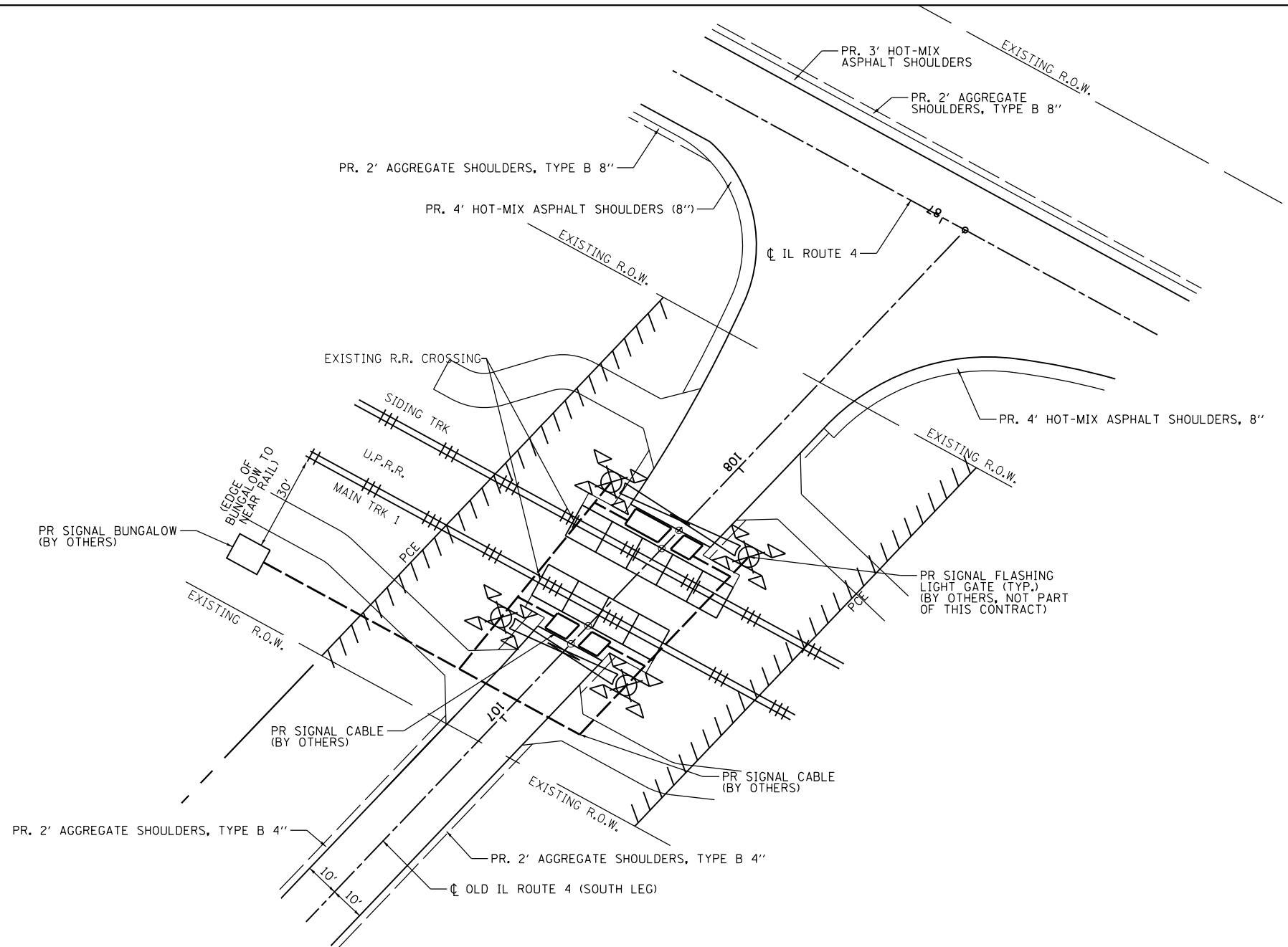
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
RAILROAD CROSSING - OLD IL ROUTE 4 (SOUTH LEG)

SCALE: 1" = 20' SHEET 3 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	53
CONTRACT NO. 72C94				

ILLINOIS FED. AID PROJECT



SIGNAL LOOP LOCATION NOTES:
(NOT BY IDOT CONTRACTOR)

1. 12" FROM CONCRETE CROSSING PANEL, MAY VARY FROM 6" TO 12" DEPENDING ON PAVEMENT QUALITY.
2. 2' FROM ROADWAY CENTERLINE.
3. 3.5' FROM GATE ARM.
4. 2' FROM EDGE OF TRAVELED WAY. OFFSET MAY BE INCREASED UP TO A MAXIMUM OF 5' WHERE AN IMPROVED SHOULDER OR OTHER EXISTS.
5. MAXIMUM LOOP WIDTH NOT TO EXCEED 8' AND MINIMUM WIDTH TYPICALLY NOT TO BE LESS THAN 5'. LOOPS BETWEEN TRACKS SHOULD NOT BE LESS THAN 3'. HOWEVER, SMALLER LOOPS ARE ACCEPTABLE AND MUST BE APPROVED BY ICC.
6. DISTANCE BETWEEN ADJACENT LOOPS FOR ONE DIRECTION OF TRAFFIC MUST NOT EXCEED 13'.
7. MAXIMUM LOOP AREA NOT TO EXCEED 144 SF.
8. MAXIMUM LENGTH OF THE LONGEST SIDE OF A LOOP SHALL NOT EXCEED 28.5'.

SIGNAL LOOP & SIGNAL CABLE DETAIL

**NOT IN THIS CONTRACT
COORDINATE WITH U.P.R.R.**

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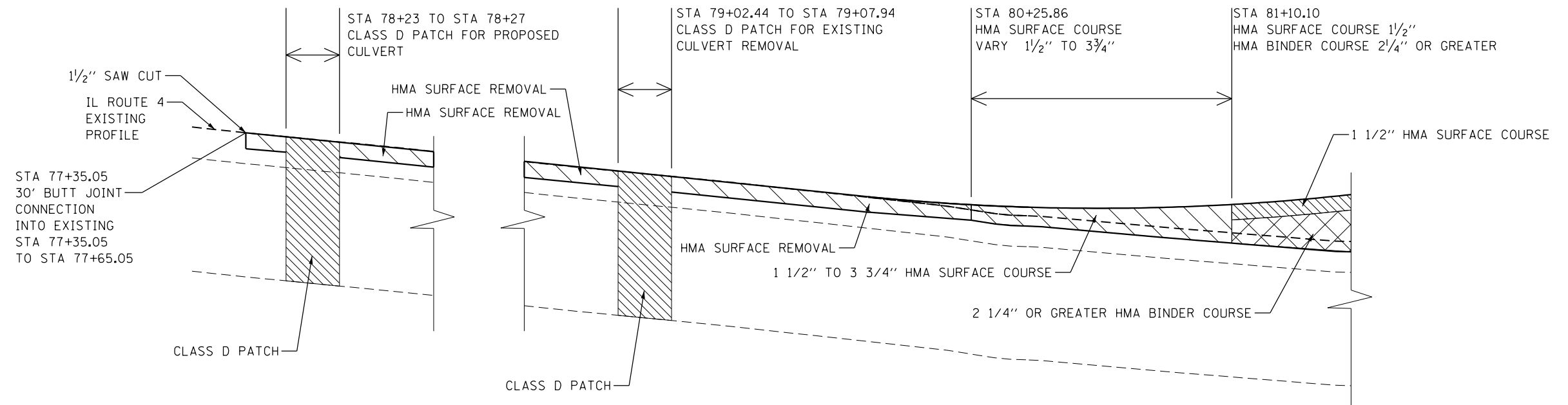


USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
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PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

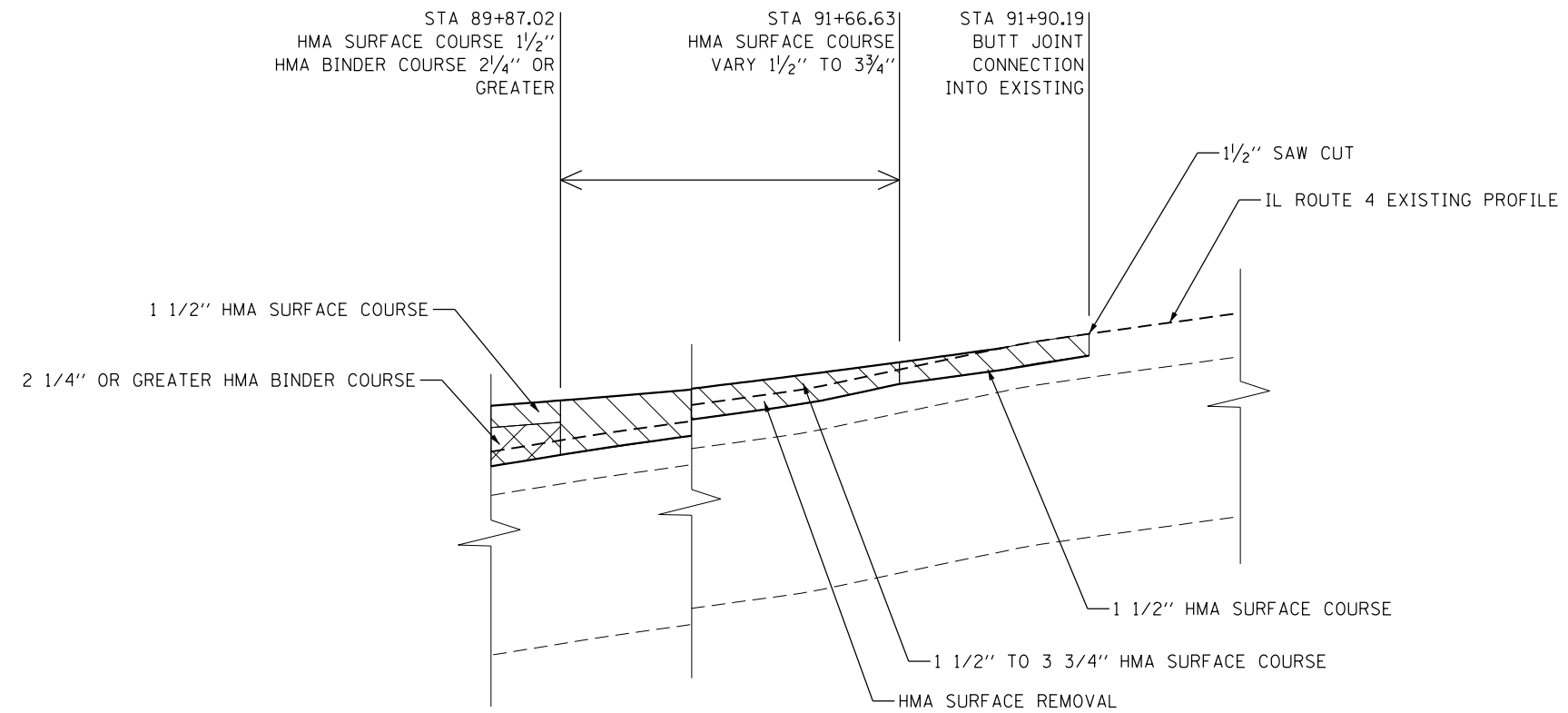
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
RAILROAD CROSSING - OLD IL ROUTE 4 (SOUTH LEG)**
SCALE: 1" = 20' SHEET 4 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	54
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				



RESURFACING DETAIL*



RESURFACING DETAIL CONT.

* ADDITIONAL PAVEMENT PATCHES NOT SHOWN:
 STA 80+70.17 TO STA 80+74.80
 STA 81+22.75 TO STA 81+33.25
 STA 81+72.52 TO STA 81+77.02

FILE NAME = c:\neworking\draw_brouk\transportation\0672094-shr-pav-joint.dgn



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
 PAVEMENT JOINT DETAIL

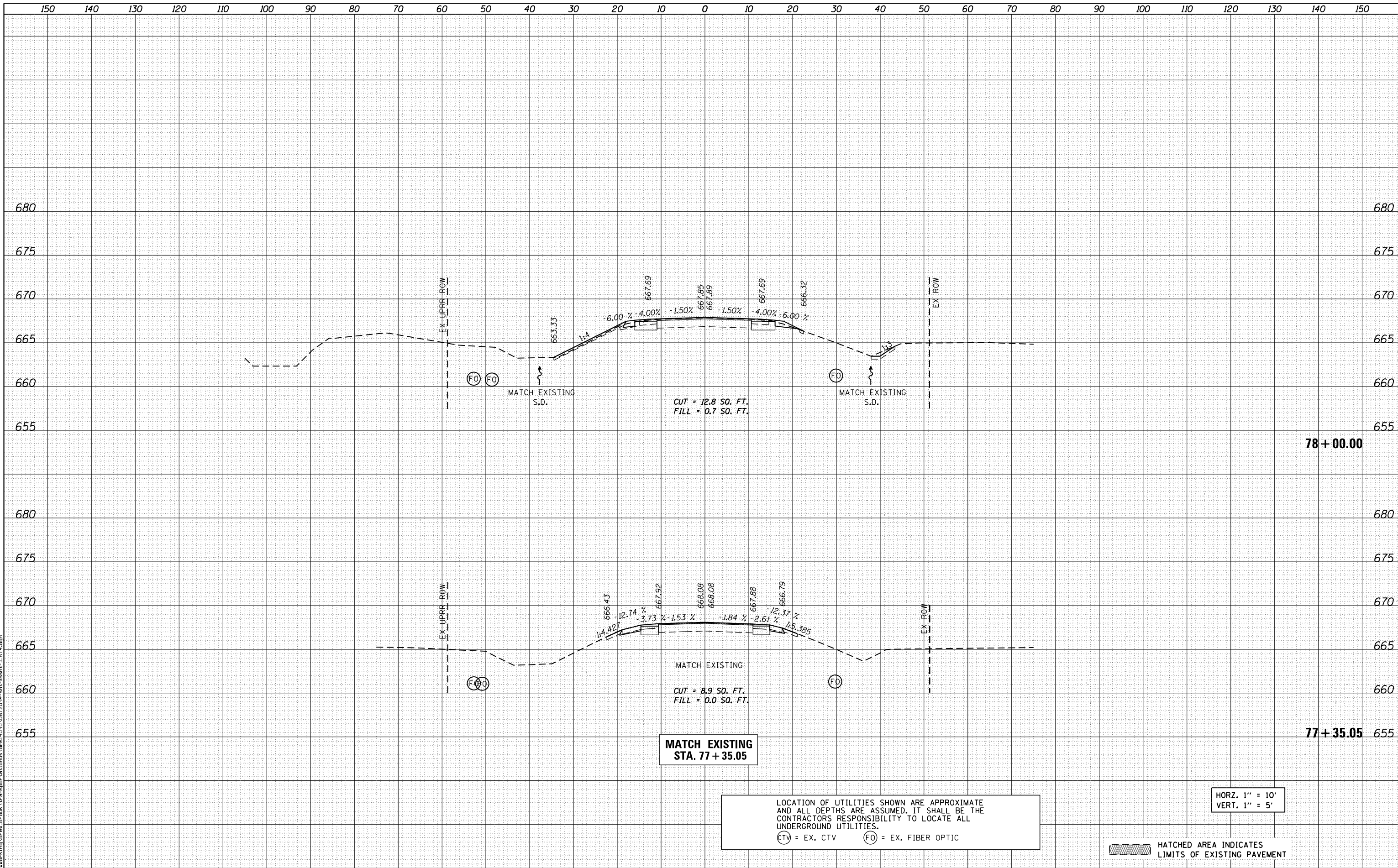
SCALE: NTS SHEET 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	55
CONTRACT NO. 72094				
ILLINOIS FED. AID PROJECT				

DATE
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SURVEYED
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TEMPLATE
AREAS CHECKED
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SURVEYED
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TEMPLATE
AREAS CHECKED
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LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISED -	
CHECKED - JCM	REVISED -	
DATE - 03/11/2016	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

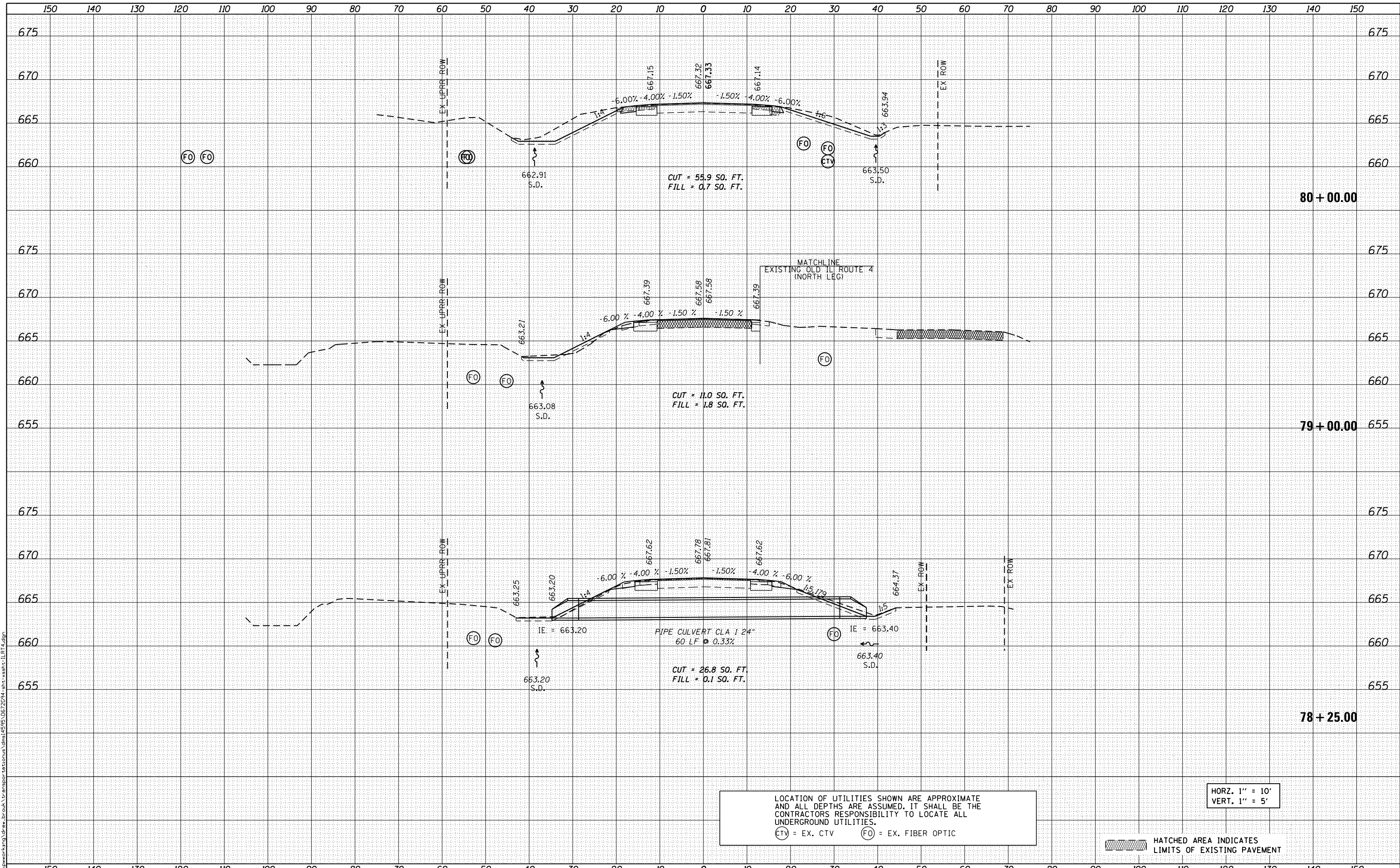
SCALE: 1" = 10'	SHEET 1 OF 14 SHEETS	STA. 77+35.05	TO STA. 78+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	56
CONTRACT NO. 72C94			ILLINOIS FED. AID PROJECT	

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

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL ROUTE 4

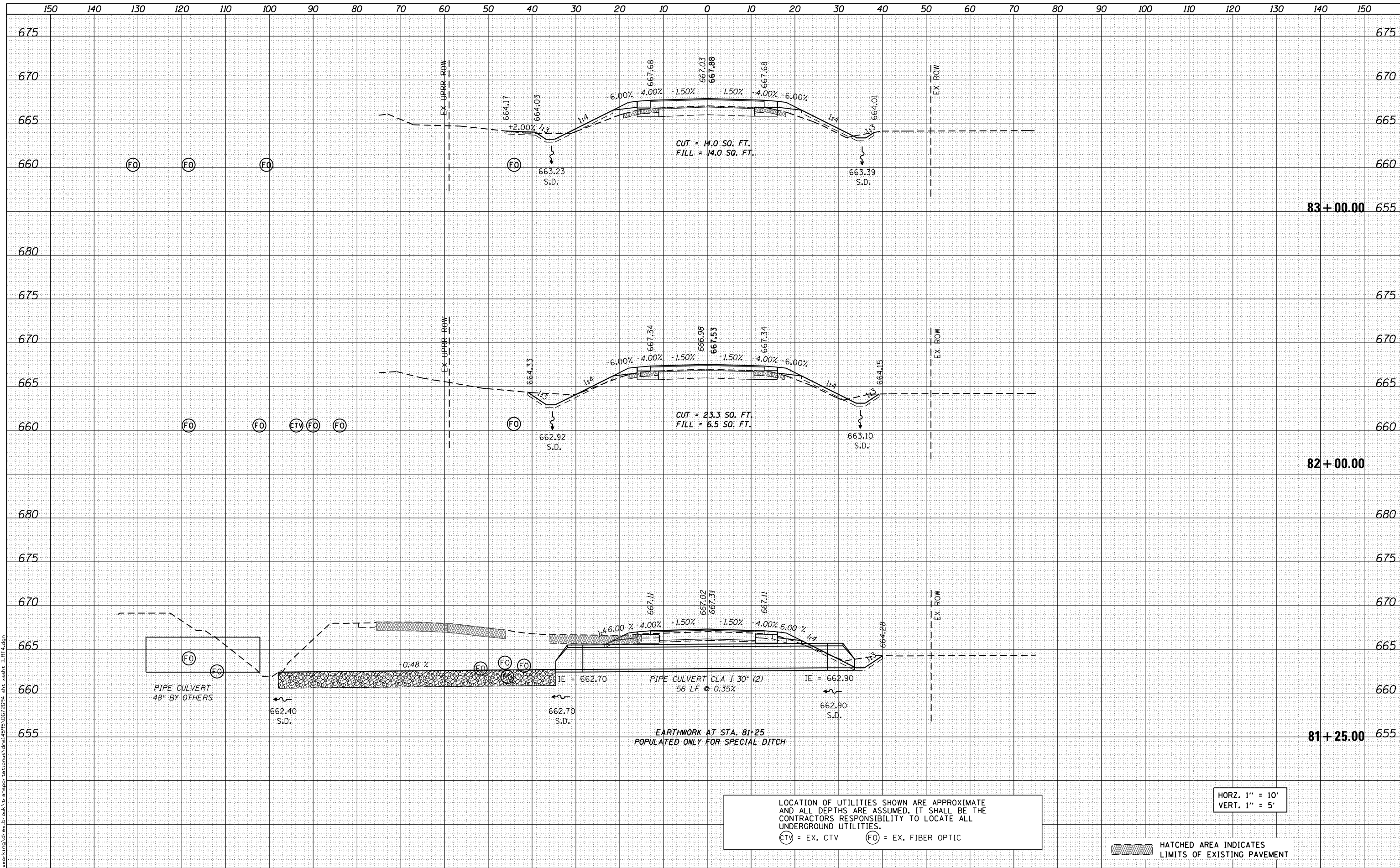
SCALE: 1" = 10' SHEET 2 OF 14 SHEETS STA. 78+25.00 TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	57
CONTRACT NO. 72C94				

ILLINOIS FED. AID PROJECT

DATE	
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TEMPLATE	
AREAS CHECKED	
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DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISD -
	DRAWN - DAB	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISD -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL ROUTE 4

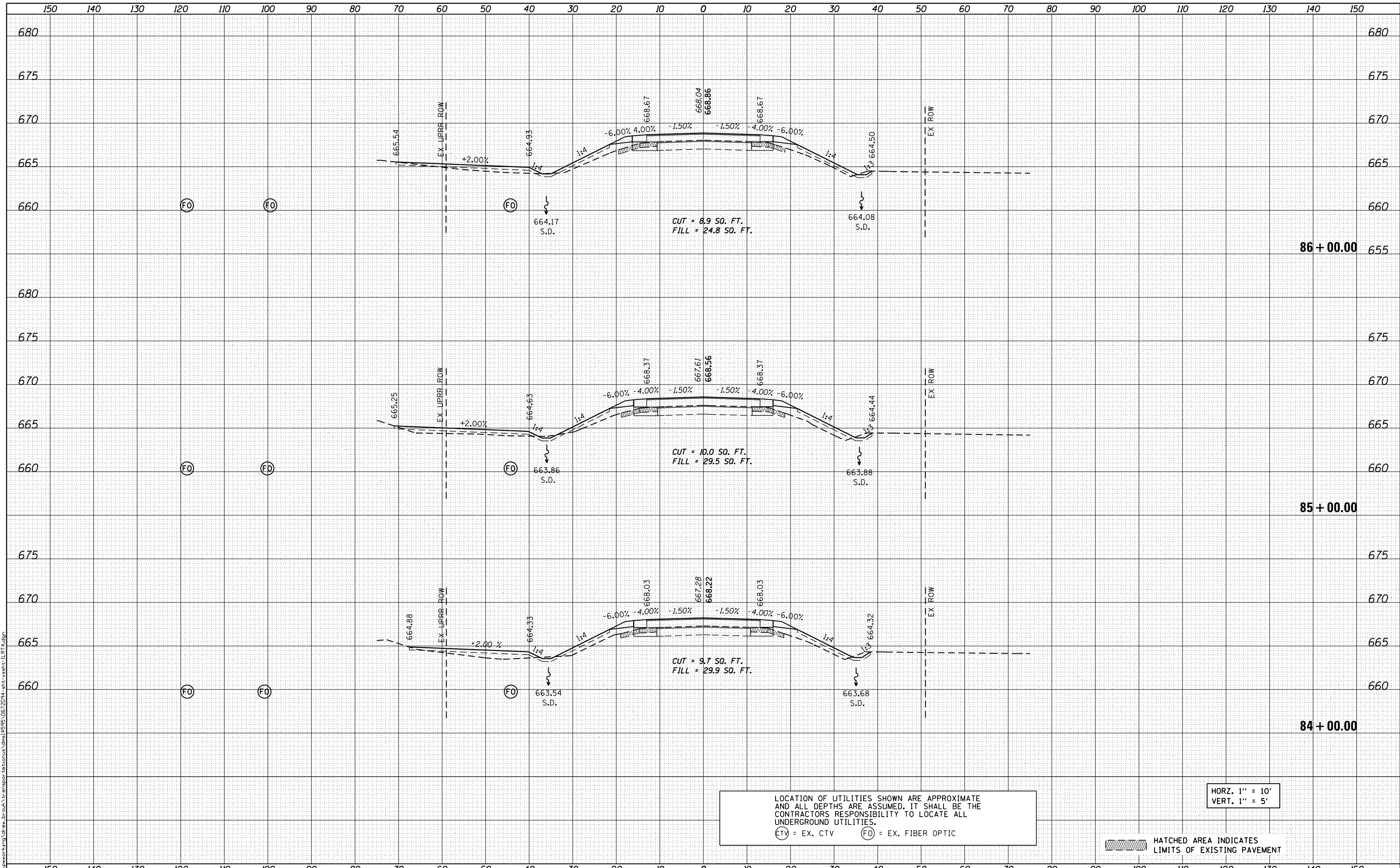
SCALE: 1" = 10' SHEET 4 OF 14 SHEETS STA. 81+25.00 TO STA. 83+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	59
			CONTRACT NO. 72C94	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
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ORIGINAL SURVEY NO.	
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TEMPLATE	
AREAS CHECKED	

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LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL ROUTE 4

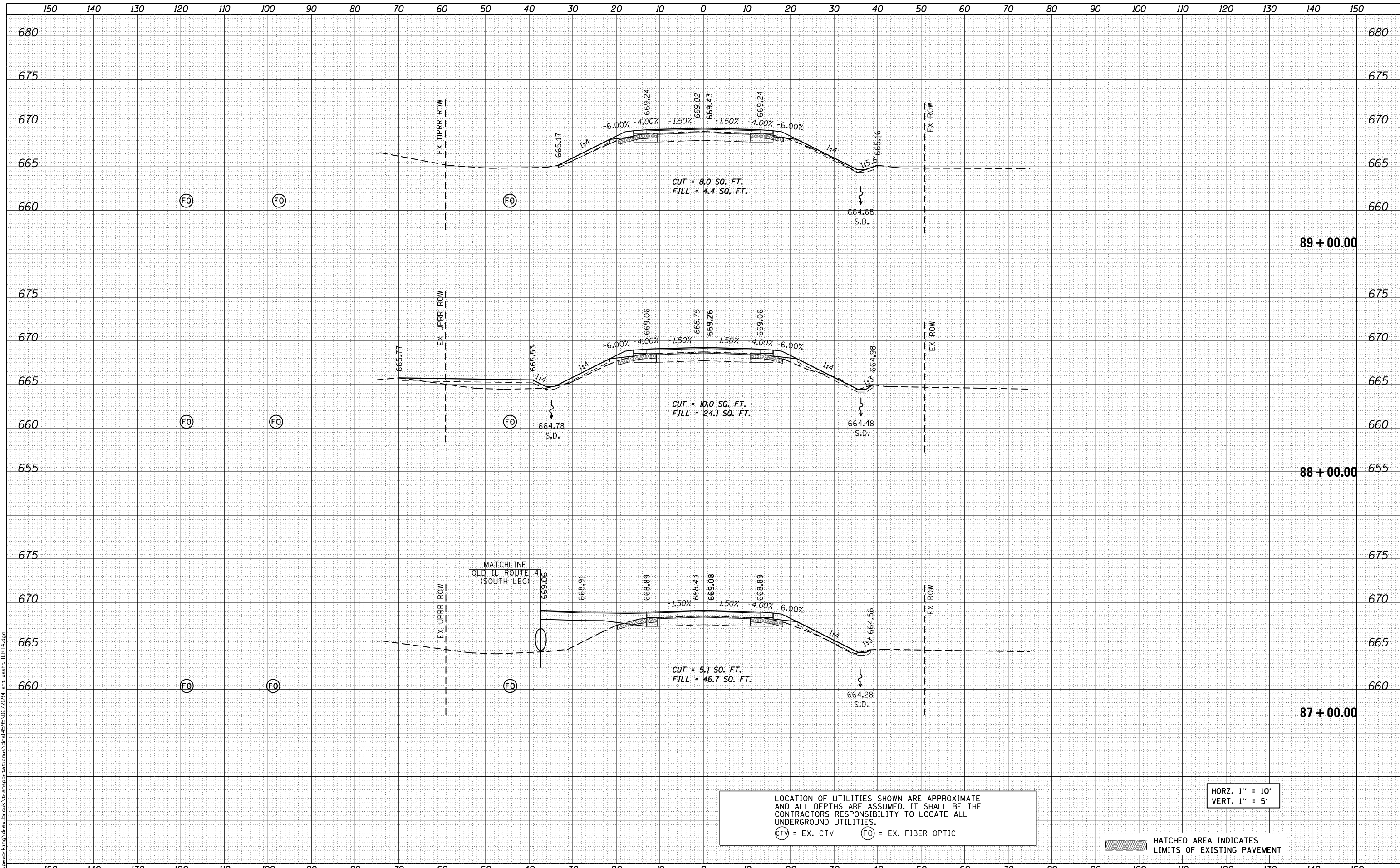
SCALE: 1" = 10' SHEET 5 OF 14 SHEETS STA. 84+00.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	60
			CONTRACT NO. 72C94	
ILLINOIS FED. AID PROJECT				

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

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

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LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (TV) = EX. CTV (FO) = EX. FIBER OPTIC



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

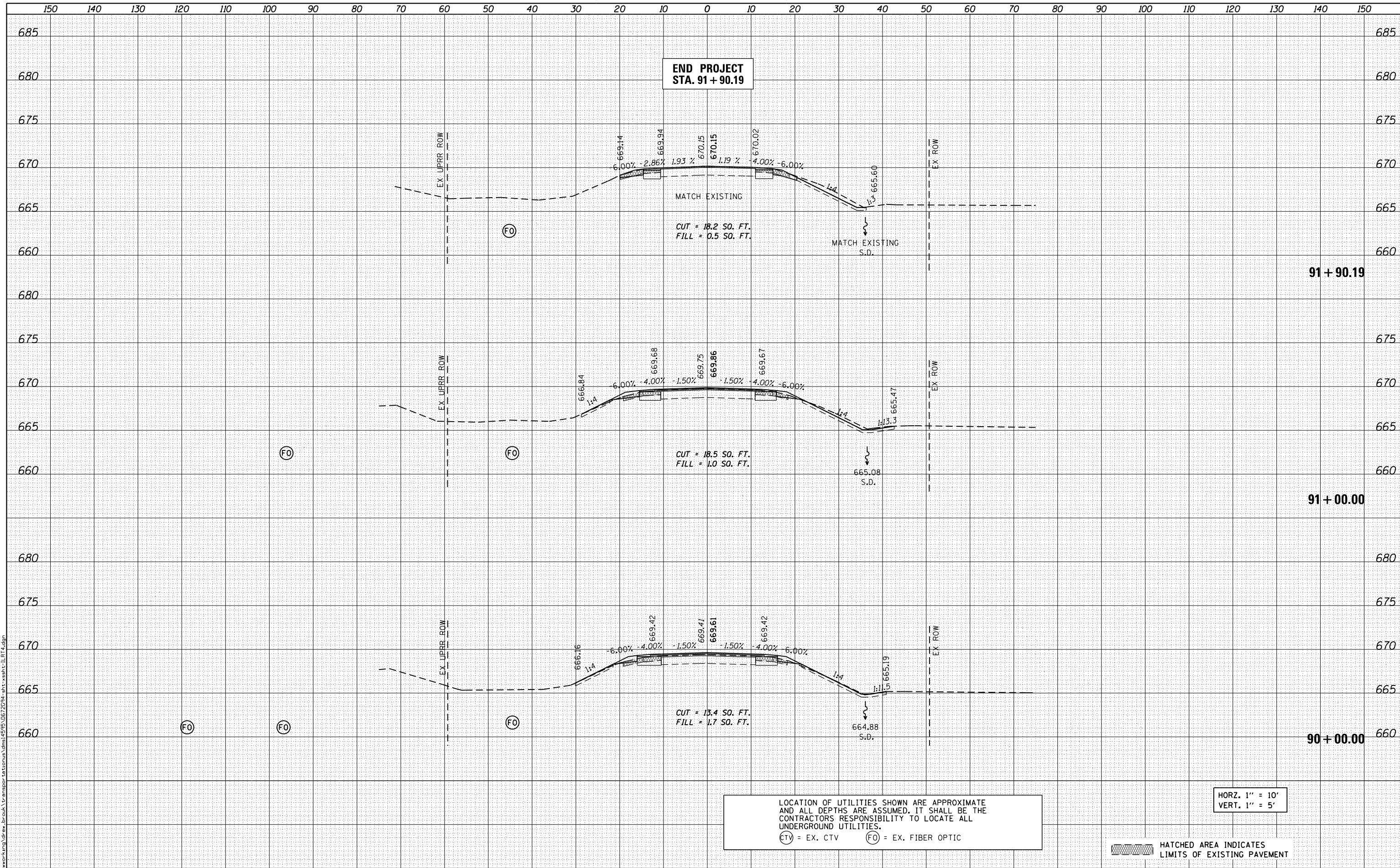
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
IL ROUTE 4	
SCALE: 1" = 10'	SHEET 6 OF 14 SHEETS
STA. 87+00.00	TO STA. 89+00.00

F.A.P. RTE. 662	SECTION D6 2015 HSRR	COUNTY MACOUPIN	TOTAL SHEETS 69	SHEET NO. 61
			CONTRACT NO. 72C94	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



**END PROJECT
STA. 91 + 90.19**

MATCH EXISTING
CUT = 18.2 SQ. FT.
FILL = 0.5 SQ. FT.

MATCH EXISTING
CUT = 18.5 SQ. FT.
FILL = 1.0 SQ. FT.

MATCH EXISTING
CUT = 13.4 SQ. FT.
FILL = 1.7 SQ. FT.

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

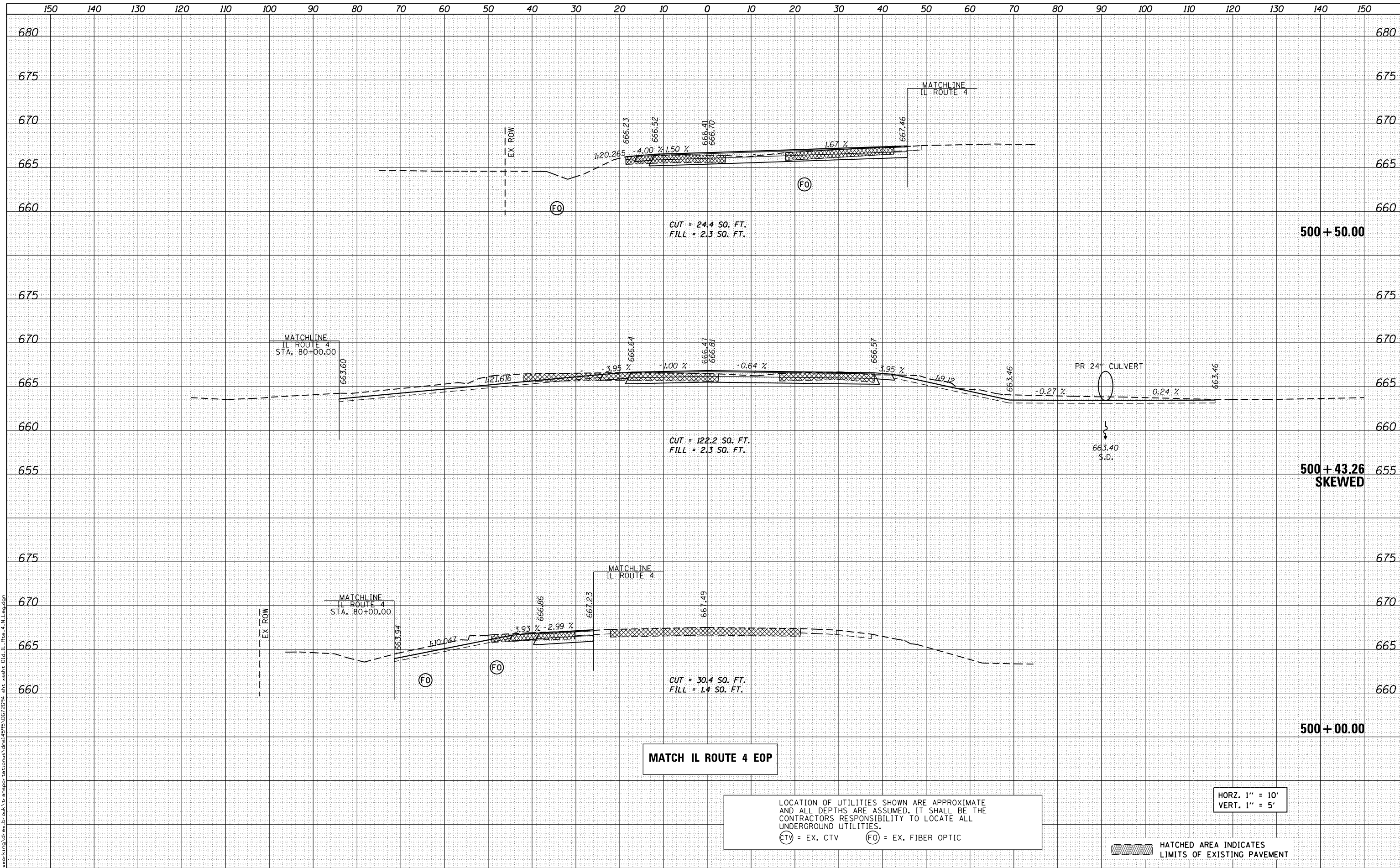
**CROSS SECTIONS
IL ROUTE 4**

SCALE: 1" = 10' SHEET 7 OF 14 SHEETS STA. 90+00.00 TO STA. 91+90.19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	62
			CONTRACT NO. 72C94	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
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DATE	
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ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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MATCH IL ROUTE 4 EOP

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk
 DESIGNED - MTL
 DRAWN - DAB
 CHECKED - JCM
 DATE - 03/11/2016

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

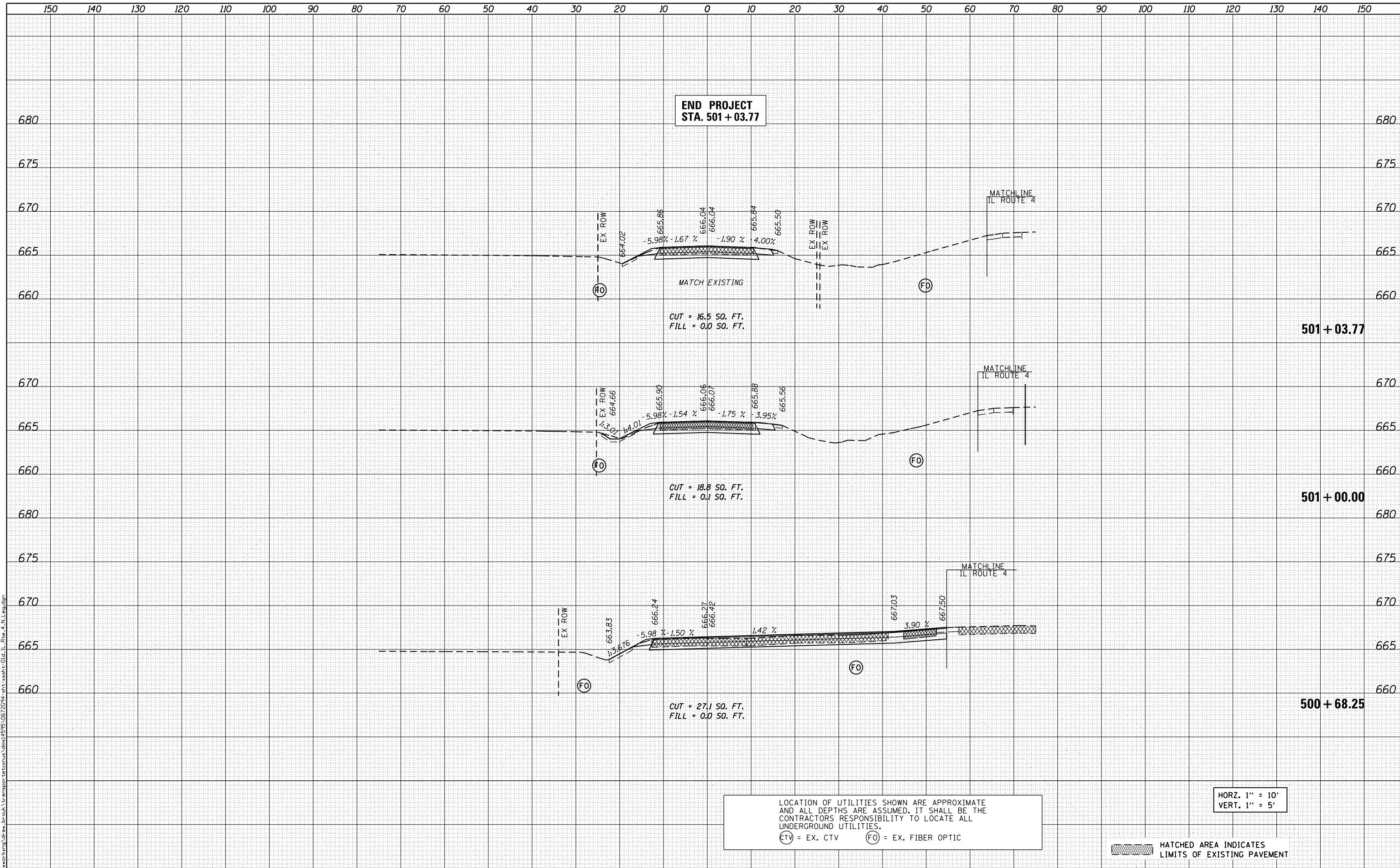
CROSS SECTIONS
 OLD IL ROUTE 4 NORTH LEG
 SCALE: 1" = 10' SHEET 8 OF 14 SHEETS STA. 500+00.00 TO STA. 500+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	63
			CONTRACT NO. 72C94	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY	
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SURVEYED	
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TEMPLATE	
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NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	



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 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew_brouk
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/11/2016

DESIGNED - MTL
 DRAWN - DAB
 CHECKED - JCM
 DATE - 03/11/2016

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 OLD IL ROUTE 4 NORTH LEG

SCALE: 1" = 10' SHEET 9 OF 14 SHEETS STA. 500+68.25 TO STA. 501+03.77

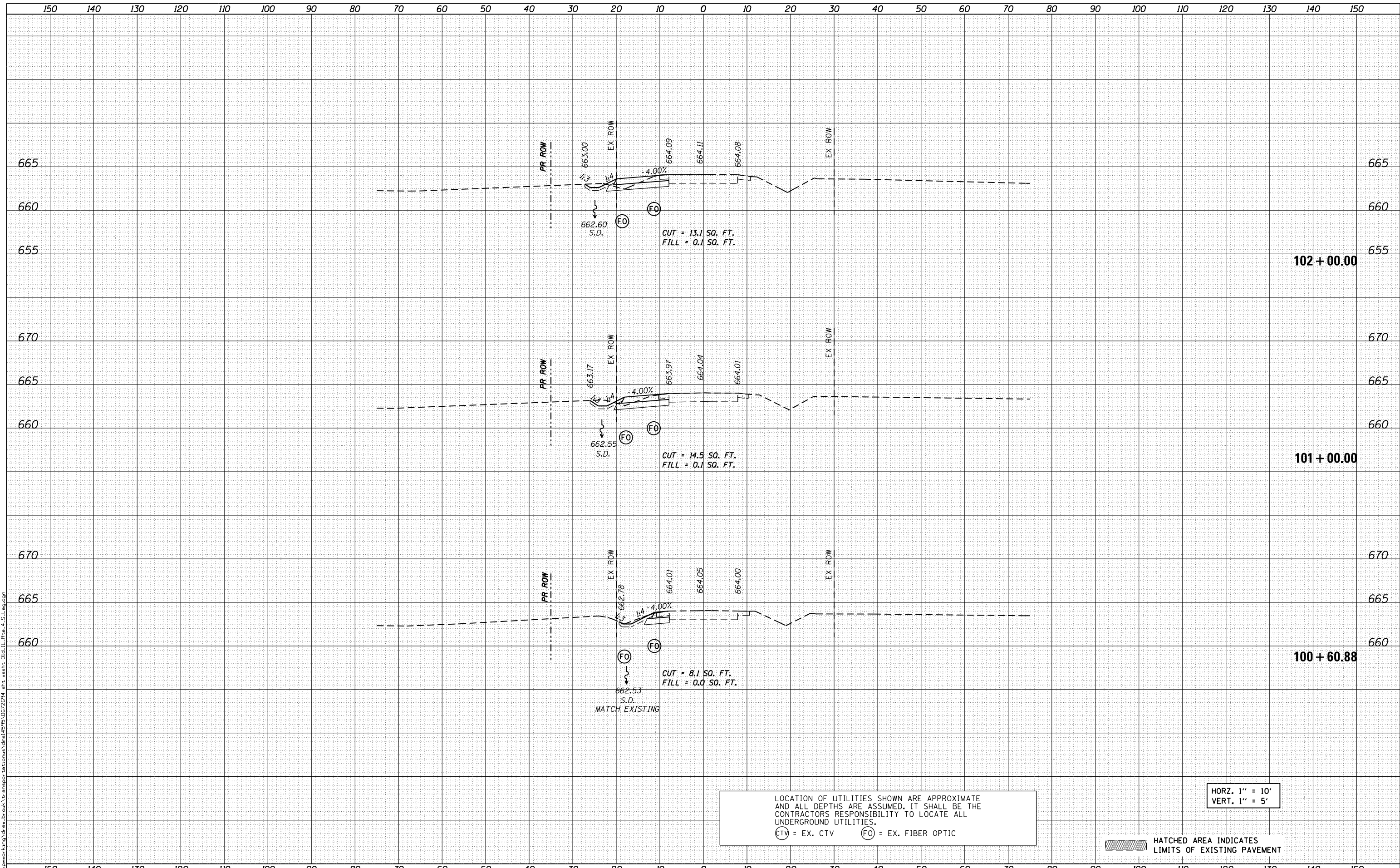
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	64
			CONTRACT NO. 72C94	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
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HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

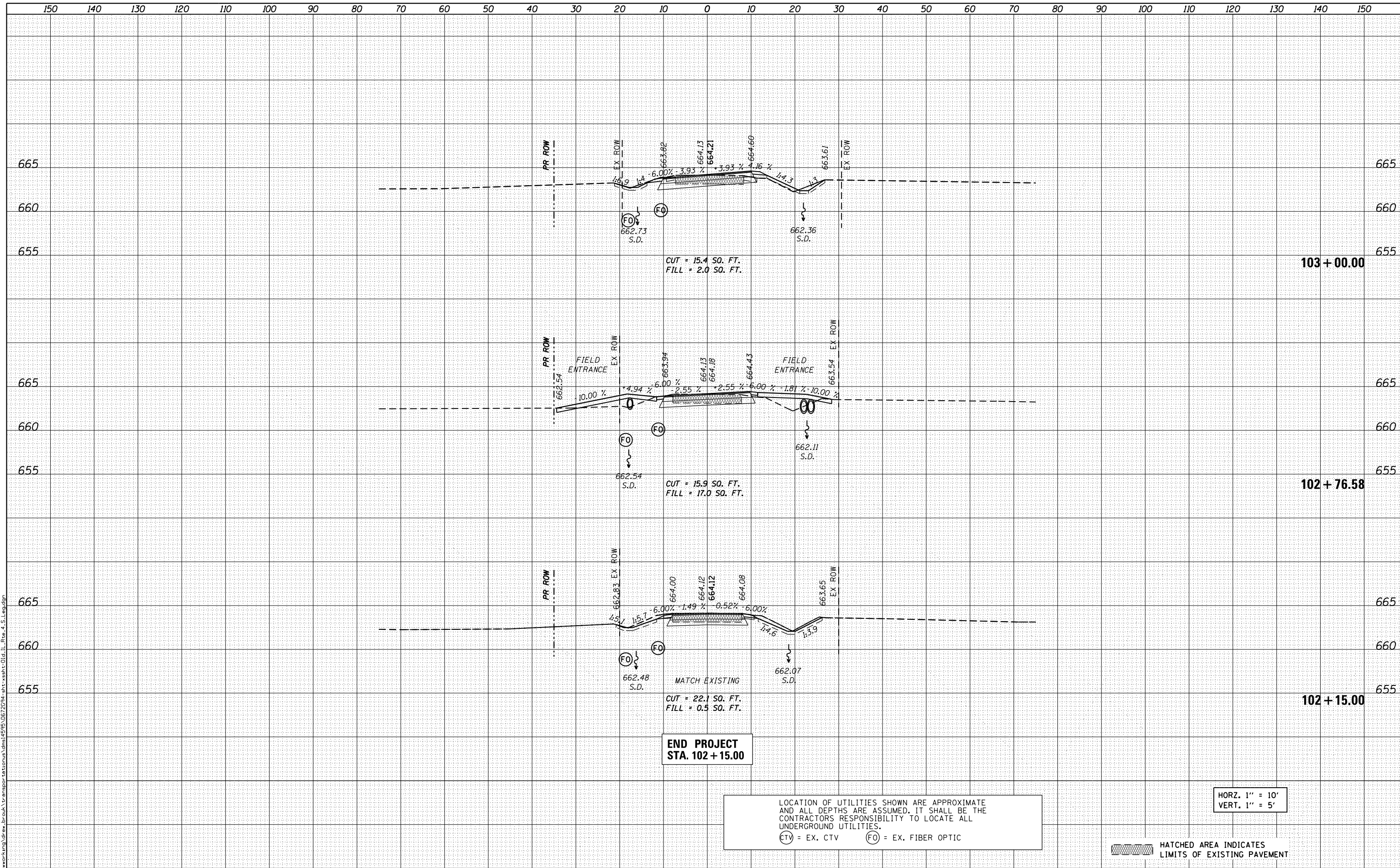
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
OLD IL ROUTE 4 SOUTH LEG	
SCALE: 1" = 10'	SHEET 10 OF 14 SHEETS
STA. 100+16.77	TO STA. 101+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	65
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



**END PROJECT
STA. 102 + 15.00**

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
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HORZ. 1" = 10'
VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

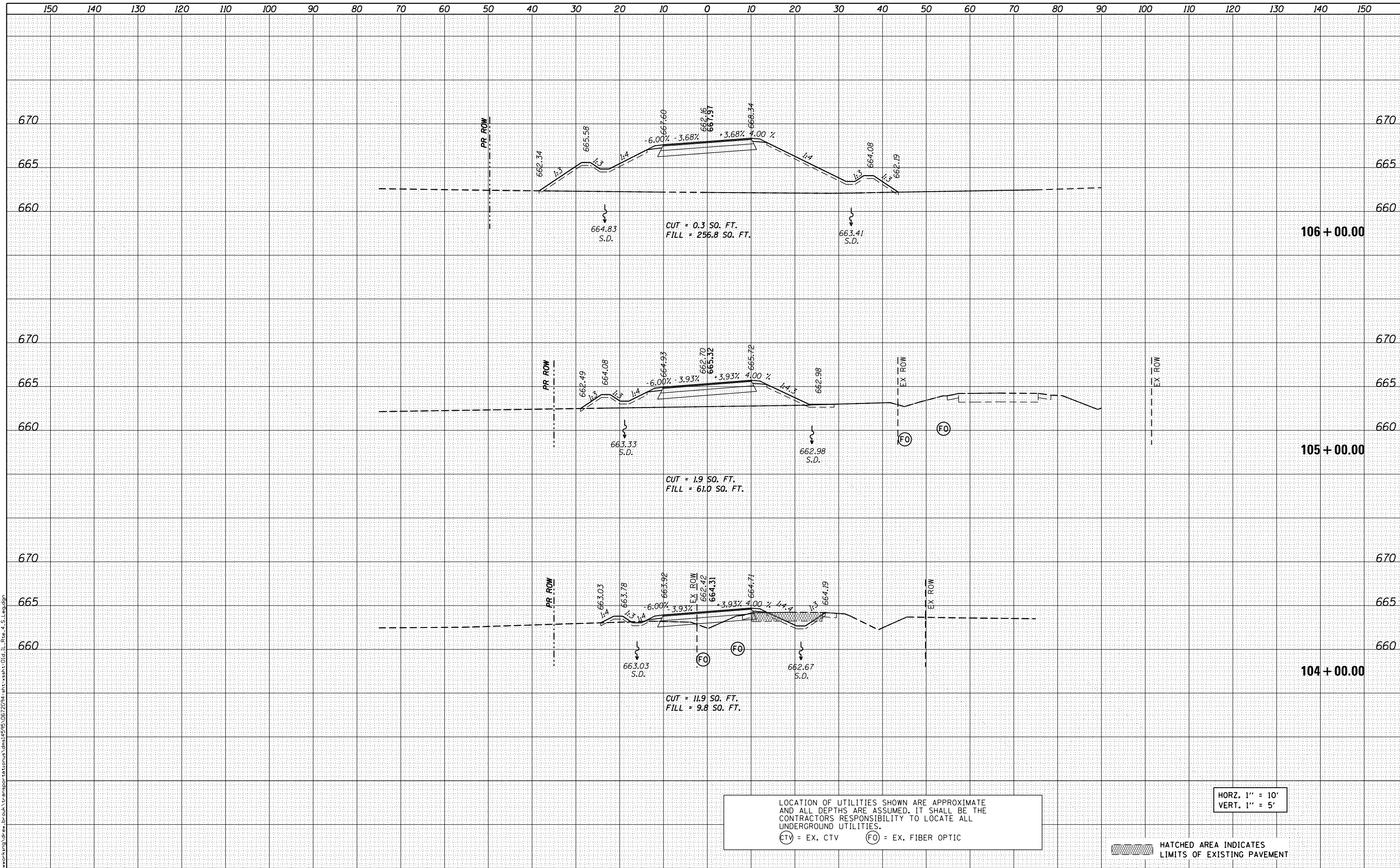
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
OLD IL ROUTE 4 SOUTH LEG**
SCALE: 1" = 10' SHEET 11 OF 14 SHEETS STA. 102+00.00 TO STA. 103+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	66
CONTRACT NO. 72C94			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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DATE	
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TEMPLATE	
AREAS	
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 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

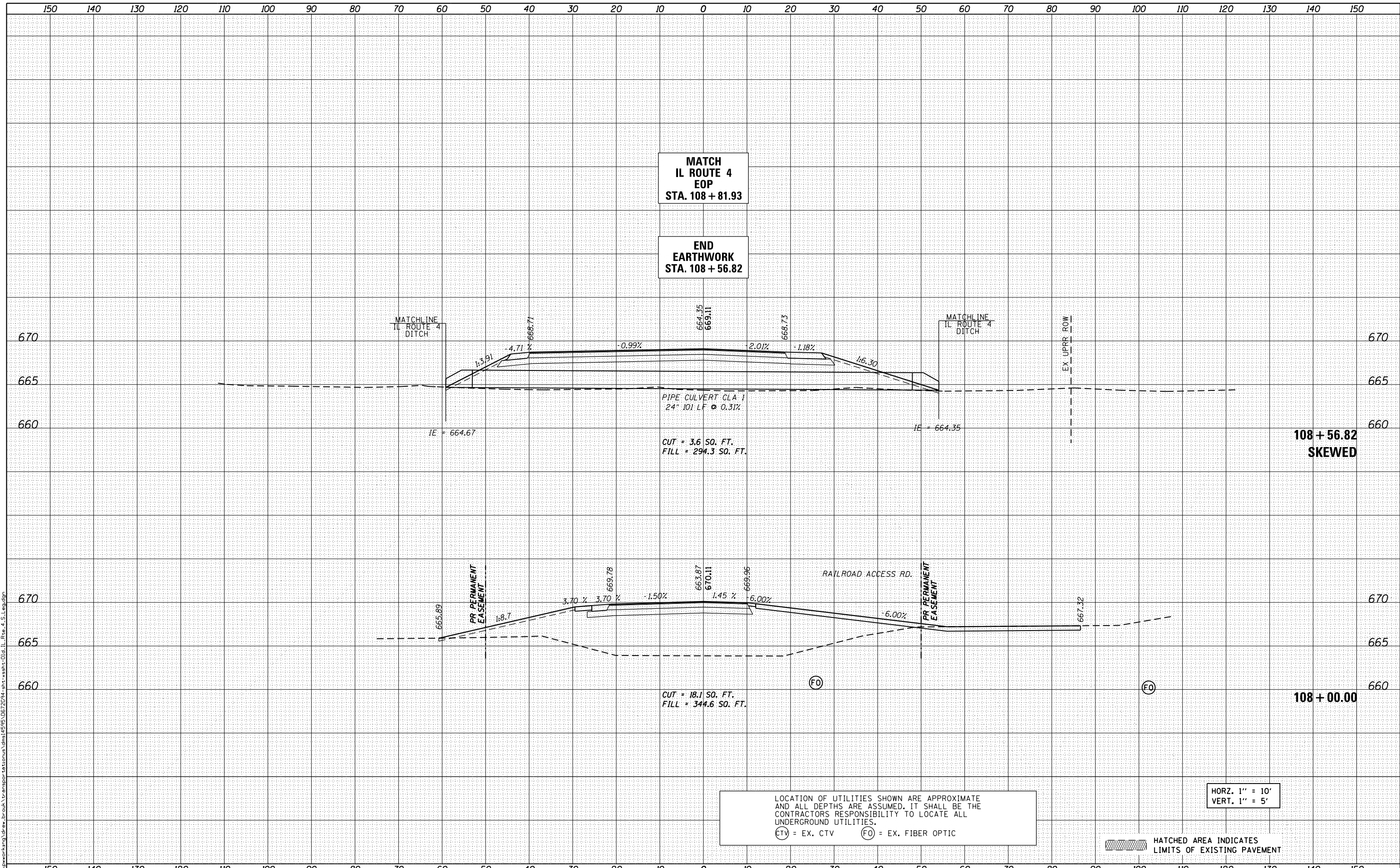
CROSS SECTIONS	
OLD IL ROUTE 4 SOUTH LEG	
SCALE: 1" = 10'	SHEET 12 OF 14 SHEETS
STA. 104+00.00	TO STA. 106+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	67
CONTRACT NO. 72C94				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
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LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.
 (CTV) = EX. CTV (FO) = EX. FIBER OPTIC

HORZ. 1" = 10'
 VERT. 1" = 5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 3/11/2016	DATE - 03/11/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
OLD IL ROUTE 4 SOUTH LEG			
SCALE: 1" = 10'	SHEET 14 OF 14 SHEETS	STA. 108+00.00 TO STA. 108+56.82	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	D6 2015 HSRR	MACOUPIN	69	69
CONTRACT NO. 72C94				
ILLINOIS FED. AID PROJECT				