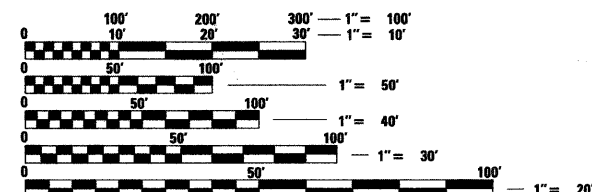


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FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED WITHIN UNINCORPORATED KENDALL COUNTY



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

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

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: CRAIG REED, P.E.
SQUAD LEADER: MARK JONES, P.E.
CONTRACT NO. 66955

06-17-11 LETTING ITEM 085

STATE OF ILLINOIS

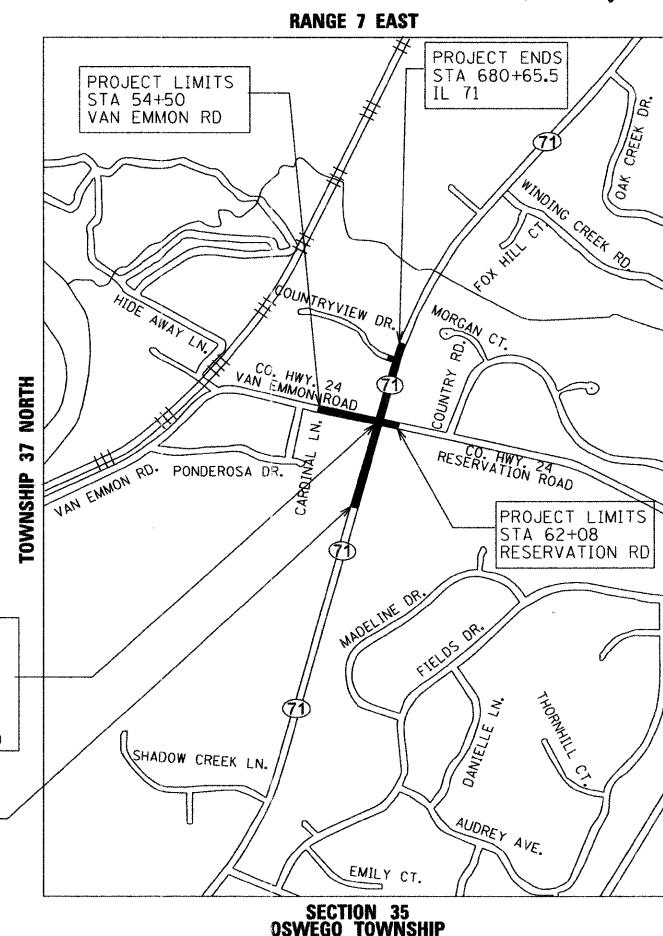
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 311 (IL 71)
SECTION (1-1)N, TS
AT VAN EMMON / RESERVATION ROAD (FAU 2515)
INTERSECTION IMPROVEMENTS
KENDALL COUNTY

C-93-025-11
PROJECT: HSIP-0311(044)



PROJECT LOCATION:
STA. 672+78.09 IL 71
STA. 60+93.72 VAN EMMON RD
PROJECT LOCATION:
STA. 672+98.40 IL 71
STA. 61+10.18 RESERVATION RD

PROJECT BEGINS
STA 664+83
IL 71

PROJECT LIMITS
IL 71: STATIONS 664+83 TO 680+65.50
VAN EMMON RD: STATIONS 54+50 TO 60+93.72
RESERVATION RD: URBAN 61+10.18 TO 62+05.50

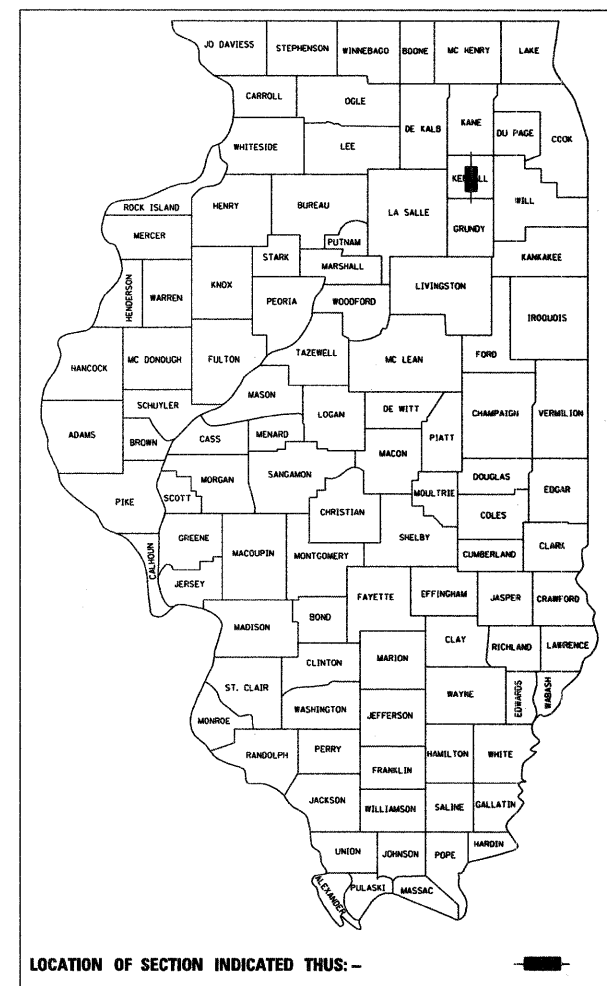
PROJECT LENGTH
GROSS LENGTH: 1583 FT (0.300 MILES)
NET LENGTH: 1583 FT (0.300 MILES)

GRAEF

8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N, TS	KENDALL	92	1

P-93-020-09
D-93-020-11



FUNCTIONAL CLASSIFICATIONS

IL 71: OTHER PRINCIPAL ARTERIAL (STRATEGIC REGIONAL ARTERIAL)
VAN EMMON RD: URBAN MINOR ARTERIAL UNDER KENDALL COUNTY JURISDICTION
RESERVATION RD: URBAN COLLECTOR UNDER KENDALL COUNTY JURISDICTION

TRAFFIC DATA

2009 ADT & VEHICULAR BREAKDOWN:
IL 71: 12,000 (PV 88%; SU 5%; MU 7%)
VAN EMMON RD: 3,000 (PV 82%; SU 3%; MU 15%)
RESERVATION RD: 900 (PV 76%; SU 9%; MU 15%)

SPEEDS

DESIGN & POSTED LIMIT:
IL 71 (EXISTING): 55 MPH (55 MPH POSTED)
IL 71 (PROPOSED): 50 MPH (50 MPH POSTED)
VAN EMMON RD: 45 MPH (45 MPH UN-POSTED)
RESERVATION RD: 45 MPH (45 MPH UN-POSTED)



Jonathan W. Davis
062-062477
expires 11/30/2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 4-4-2011
Eric S. Thompson
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 13 2011
Scott E. Stettin, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 13 2011
Christine M. Reed, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS	
STD. NO.	TITLE
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-01	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606401-01	PAVED DITCH
630001-04	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701006-03	OFF-ROAD 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 >= 45 MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
825021-01	LIGHTING CONTROLLER BASE MOUNTED, 240V
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877011-04	STEEL COMBO. MAST ARM ASSEMBLY & POLE 16" THROUGH 55"
878001-08	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

- 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.
- THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- 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.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
- ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE OF 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.
- 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.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BIT MATERIALS (PRIME COAT) ON AGGREGATE BASES	0.375	GAL / SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
POLYMERIZED BIT MATERIALS (PRIME COAT)	0.10	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
AT&T (TELEPHONE); COMCAST (CABLE); COMED (ELECTRIC); NICOR (GAS)
- NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
MORGAN CREEK HOME OWNERS ASSOCIATION
- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- THE CONTRACTOR SHALL PLACE TWO CHANGEABLE MESSAGE SIGNS ON VAN EMMON / RESERVATION ROAD FOR TWO WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION WITH THE MESSAGE "CONSTRUCTION BEGINS ON (APPROPRIATE DATE)".
- STANDARD SECTIONS IDENTIFIED AS "IL-71" INCLUDE THE ROAD AREAS OF IL-71, RESERVATION ROAD, & VAN EMMON ROAD (STA 60+00.00 TO STA 60+93.72).
- STANDARD SECTIONS IDENTIFIED AS "VAN EMMON ROAD" INCLUDE VAN EMMON ROAD FROM STA 54+50.00 TO STA 59+80. A TRANSITION BETWEEN "IL-71" AND "VAN EMMON ROAD" STANDARD SECTIONS SHALL OCCUR FROM STA 59+80 TO STA 60+00.

- UNDERCUT AREA AND DEPTH SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. AGGREGATE SUBGRADE SHALL BE USED TO BACKFILL UNDERCUT AREAS.
- SUB-BASE GRANULAR MATERIAL, TYPE C SHALL BE INSTALLED ONLY WHERE HMA SHOULDER IS ADJACENT TO PAVEMENT WIDENING. SEE TYPICAL SECTIONS.
- STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED BETWEEN PAVEMENT RESURFACING AND PAVEMENT WIDENING AREAS. SEE TYPICAL SECTIONS.
- HMA TRANSITION TAPERS SHALL BE CONSTRUCTED WHERE PAVEMENT RESURFACING MEETS EXISTING PAVEMENT AND SHALL FOLLOW IDOT DISTRICT 3 STANDARD 406-9. SEE REMOVAL PLANS FOR HMA SURFACE REMOVAL (BUTT JOINT) LOCATIONS.
- SEE REMOVAL PLANS FOR UTILITY REMOVALS, ADJUSTMENTS, AND RELOCATIONS.
- THE EXISTING ELEVATIONS PROVIDED ON THESE PLANS WERE SURVEYED PRIOR TO A SUMMER 2010 MILLING AND RESURFACING PROJECT ALONG IL 71 (IDOT #66837-009) AND MAY VARY SLIGHTLY FROM CURRENT ELEVATIONS.
- WHEN HIGHWAY AND IDOT DISTRICT 3 STANDARDS CONFLICT, IDOT DISTRICT 3 STANDARDS SHALL BE FOLLOWED.
- THE COST OF CONNECTIONS TO EXISTING PIPES OR STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE OR STRUCTURE UNLESS OTHERWISE NOTED.
- CLEARING AND GRUBBING, HOT MIX ASPHALT ENTRANCE REMOVAL, AGGREGATE SHOULDER REMOVAL, AGGREGATE ENTRANCE REMOVAL, AND FENCE REMOVAL SHALL BE INCLUDED IN THE EARTH EXCAVATION QUANTITY.
- EXCESS TEMPORARY PAVEMENT REMOVAL FOLLOWING STAGE 2 SHALL BE INCLUDED IN THE PAVED SHOULDER REMOVAL QUANTITY. SEE STAGING AND ROADWAY PLANS FOR LIMITS.

COMMITMENTS

- WHEN CONTACTING MR. JOHN GRIGALIS, IDOT WILL ALSO INFORM MR. DAVE HASTERT, WHO IS A FRIEND INFORMALLY ACTING ON MR. GRIGALIS' BEHALF AT HIS REQUEST. JOHN CAN BE REACHED AT (630) 723-8459 OR CAN BE REACHED THROUGH THE YORKVILLE MAINTENANCE YARD.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

REVIEWED BY: Don Brumit
DISTRICT STUDIES & PLANS ENGINEER

DATE: 4-4-11

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

Bruce C. Heber 4/4/11
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
GENERAL NOTES

SCALE: N.T.S. SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	2
				CONTRACT NO. 66955
ILLINOIS FED. AID PROJECT				

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SP	SI	SUMMARY OF QUANTITIES				URBAN		
					TOTAL QUANTITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% COUNTY	100% COUNTY
		CODE NO.	ITEM	UNIT		ROADWAY	TRAFFIC SIGNALS	LIGHTING
						0005	0021	0021
*	**	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	109	109		
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	57	57		
		20101000	TEMPORARY FENCE	FOOT	231	231		
		20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	6	6		
		20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	26	26		
		20200100	EARTH EXCAVATION	CU YD	6,083	6,083		
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,000	1,000		
		20400800	FURNISHED EXCAVATION	CU YD	118	118		
		20800150	TRENCH BACKFILL	CU YD	14	14		
		25000210	SEEDING, CLASS 2A	ACRE	1.83	1.83		
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	164	164		
		25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	164	164		
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	164	164		
		25100630	EROSION CONTROL BLANKET	SQ YD	7,767	7,767		
		25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	1,077	1,077		
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	183	183		
		28000305	TEMPORARY DITCH CHECKS	FOOT	240	240		
		28000400	PERIMETER EROSION BARRIER	FOOT	4,871	4,871		
		28100109	STONE RIPRAP, CLASS A5	SQ YD	44	44		
		31100500	SUBBASE GRANULAR MATERIAL, TYPE A, 6"	SQ YD	4,562	4,562		
		31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	142	142		
		35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	445	445		
		35600722	HOT-MIX ASPHALT BASE COURSE WIDENING, 11 1/2"	SQ YD	1,083	1,083		
		40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50	50		
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,667	2,667		
		40600300	AGGREGATE (PRIME COAT)	TON	23.9	23.9		
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2.9	2.9		
		40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	100.3	100.3		
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	755	755		
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,011.5	1,011.5		
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,405.0	1,405.0		
		44004000	PAVED DITCH REMOVAL	FOOT	95	95		
		44004250	PAVED SHOULDER REMOVAL	SQ YD	1,581	1,581		
		44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,170	2,170		
		48101600	AGGREGATE SHOULDERS, TYPE B, 8"	SQ YD	449	449		
		50105220	PIPE CULVERT REMOVAL	FOOT	167	167		
		542A0223	PIPE CULVERTS, CLASS A, TYPE 1, 18"	FOOT	16	16		
		542D5470	PIPE CULVERTS, CLASS D, TYPE 1, EQUIVALENT ROUND SIZE 15"	FOOT	187	187		
		54213447	END SECTIONS, 12"	EACH	1	1		
		54213453	END SECTIONS, 18"	EACH	1	1		
		54214290	END SECTIONS, EQUIVALENT ROUND SIZE 15"	EACH	10	10		
		60100945	PIPE DRAINS, 12"	FOOT	5	5		
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1	1		
		60615910	PAVED DITCH, TYPE A-22	FOOT	80	80		

*	DENOTES SPECIAL PROVISION
**	DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUMMARY OF QUANTITIES

SCALE: N.T.S.

SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(I-1)N TS	KENDALL	92	3
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

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SP	SI	SUMMARY OF QUANTITIES				URBAN		
					TOTAL QUANTITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% COUNTY	100% COUNTY
		CODE NO.	ITEM	UNIT		ROADWAY	TRAFFIC SIGNALS	LIGHTING
						0005	0021	0021
*	**	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	FOOT	600	600		
*	**	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4	4		
		63301000	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL	FOOT	200	200		
		63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	2	2		
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		
		67100100	MOBILIZATION	L SUM	1	1		
		70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
		70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	45	45		
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	3		
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,405	1,405		
		70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78		
		70300220	TEMPORARY PAVEMENT MARKING - LINE, 4"	FOOT	12,401	12,401		
		70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	361	361		
		70300280	TEMPORARY PAVEMENT MARKING - LINE, 24"	FOOT	14	14		
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4,949	4,949		
	**	72000100	SIGN PANEL - TYPE 1	SQ FT	45	30	15	
	**	72000200	SIGN PANEL - TYPE 2	SQ FT	80	20	60	
	**	73000100	WOOD SIGN SUPPORT	FOOT	53	53		
	**	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14,020	14,020		
	**	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	146	146		
	**	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	765	765		
	**	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	172	172		
	**	78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	156	156		
	**	78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	109	109		
	**	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	141	141		
		78300100	PAVEMENT MARKING REMOVAL	SQ FT	4,703	4,703		
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	26	26		
	**	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1	
	**	80500200	SERVICE INSTALLATION, TYPE B	EACH	1		1	
	**	81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	20		20	
	**	81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	1,108		1,108	
	**	81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	66		66	
	**	81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	88		88	
	**	81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	105		105	
	**	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	52		52	
	**	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	278		278	
	**	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4		4	
	**	81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2		2	
	**	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	597			597
	**	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,387		1,387	
	**	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4			4
*	**	85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1	
	**	86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1		1	

*	DENOTES SPECIAL PROVISION
**	DENOTES SPECIALTY ITEM

FILE NAME =		USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	4
		PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
						SCALE: N.T.S.		SHEET NO. OF SHEETS					

SP	SI	SUMMARY OF QUANTITIES				URBAN		
					TOTAL QUANTITY	90% FED/ 10% STATE	90% FED/ 5% STATE/ 5% COUNTY	100% COUNTY
		CODE NO.	ITEM	UNIT		ROADWAY	TRAFFIC SIGNALS	LIGHTING
						0005	0021	0021
*	**	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,435		1,435	
	**	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	931		931	
	**	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,001		1,001	
	**	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,204		3,204	
	**	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	108		108	
	**	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,656		1,656	
	**	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4			4
	**	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1		1	
	**	87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1		1	
	**	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1		1	
	**	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1		1	
	**	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16	
	**	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
	**	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	58		58	
	**	88000105	FLASHING BEACON INSTALLATION	EACH	2		2	
	**	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1	
	**	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,MAST-ARM MOUNTED	EACH	4		4	
	**	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,BRACKET MOUNTED	EACH	5		5	
	**	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,MAST-ARM MOUNTED	EACH	5		5	
	**	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15		15	
	**	88500100	INDUCTIVE LOOP DETECTOR	EACH	17		17	
*	**	88600100	DETECTOR LOOP, TYPE I	FOOT	1,763		1,763	
	*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	240	240		
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	*	Z0001050	AGGREGATE SUBGRADE, 12"	SQ YD	3,000	3,000		
	*	Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	5	5		
*		Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		

*	DENOTES SPECIAL PROVISION
**	DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SUMMARY OF QUANTITIES	SCALE: N.T.S.	SHEET NO. OF SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1)-1IN TS	KENDALL	92	5
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				

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HOT-MIX ASPHALT MIXTURE REQUIREMENTS *

	HMA BINDER AND BASE COURSE	HMA LEVEL BINDER	HMA SURFACE AND INCIDENTAL
PG GRADE	PG64-22	PG64-22	SBS PG70-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE			MIXTURE D
DENSITY TEST METHOD	CORES	SATISFACTION OF ENGINEER	CORES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE QUANTITIES IS 112 LBS/SQ YD/IN.

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION

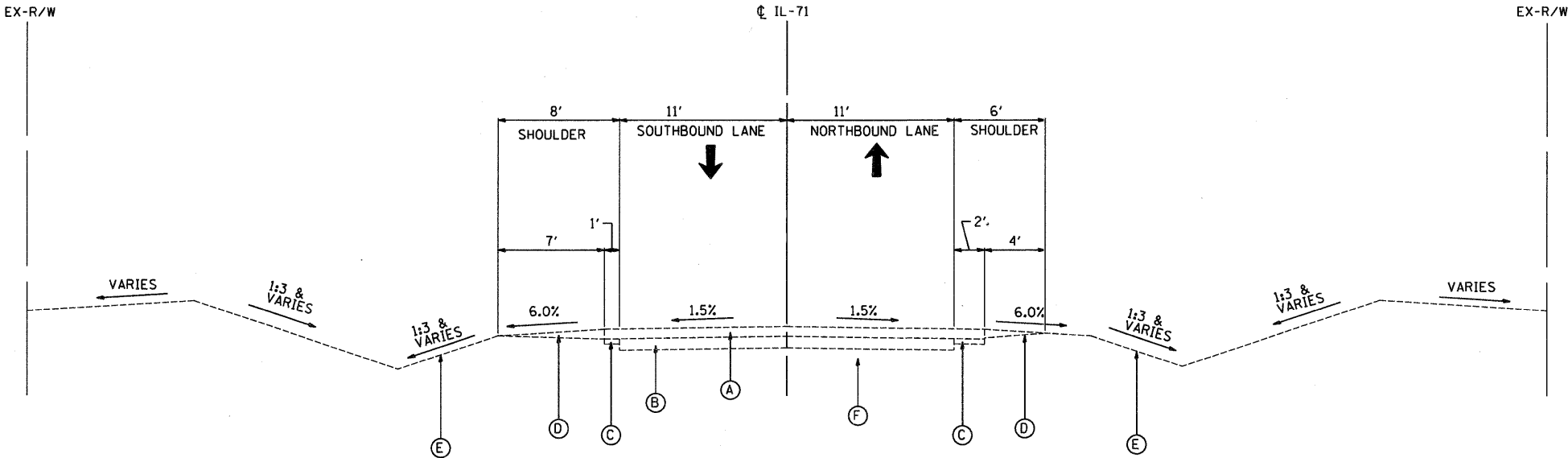
EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE

PROPOSED LEGEND

- ① HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
- ② HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- ③③③ PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- ③① AGGREGATE SHOULDER, TYPE B; 6-1/2"
- ③② AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ③③ AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ④ SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- ⑤ GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ⑥ HMA BASE COURSE WIDENING; 11-1/2"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- ⑨ HMA BASE COURSE WIDENING; 9"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- ⑫ HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- ⑬ TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"

EX-R/W

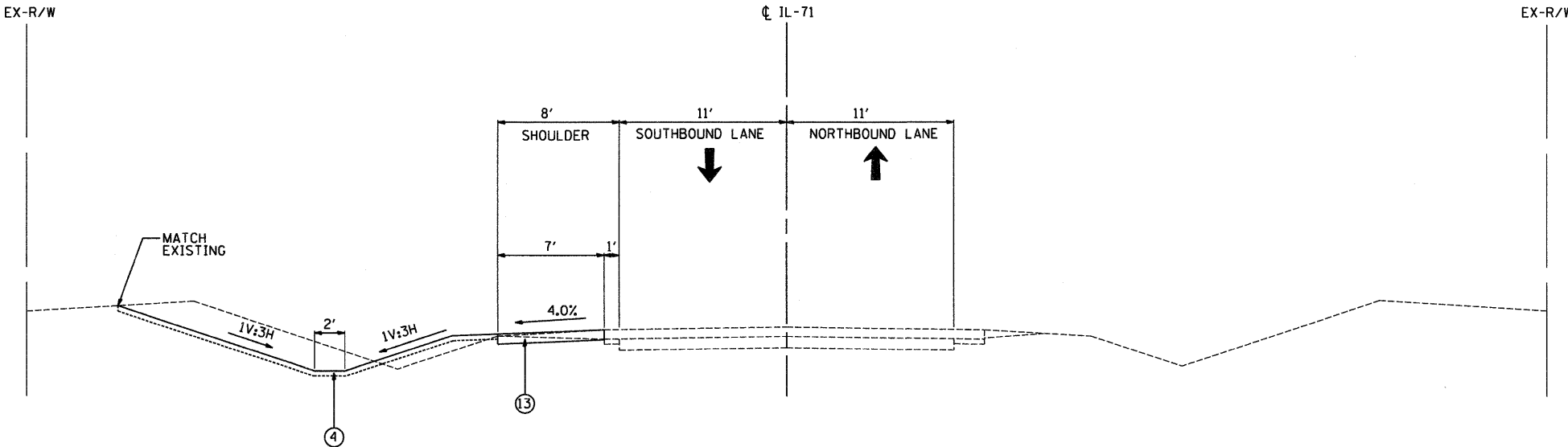


EXISTING TYPICAL SECTION ILLINOIS-71

STA. 661+83 TO STA. 664+83

NOTE: EXISTING SLOPES SHOWN ARE APPROXIMATE

EX-R/W



PROPOSED TYPICAL SECTION ILLINOIS-71

STA. 661+83 TO STA. 664+83

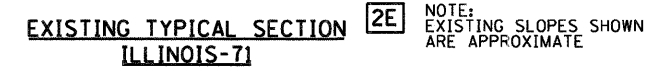
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	6
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

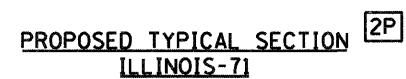
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		DRAWN - JWB	REVISED -
	PLOT SCALE = 5.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

- ① HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
(INSTALLED FOLLOWING STAGE 2)
- ② HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- ②③ PAID AS AGGREGATE SHOULDER, TYPE B; 8"
 - ③① AGGREGATE SHOULDER, TYPE B; 6-1/2"
 - ③② AGGREGATE SHOULDER, TYPE B; 1-1/2"
(INSTALLED FOLLOWING PLACEMENT OF
HMA SURFACE COURSE)
 - ③③ AGGREGATE WEDGE SHOULDER, TYPE B
(INSTALLED FOLLOWING PLACEMENT OF
HMA SURFACE COURSE)
- ④ SEEDING (CLASS 2A) WITH EROSION CONTROL
BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- ⑤ GUARDRAIL (SEE PLAN FOR TYPE)
(INSTALLED FOLLOWING PLACEMENT
OF HMA SURFACE COURSE)
- ⑥ HMA BASE COURSE WIDENING; 11-1/2"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C
(SEE NOTES ON ROADWAY PLAN)
- ⑨ HMA BASE COURSE WIDENING; 9"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ LEVELING BINDER (MACHINE METHOD), N70, 3/4"
(INSTALLED FOLLOWING STAGE 2)
- ⑫ HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- ⑬ TEMPORARY PAVEMENT
HMA BINDER COURSE, IL-19.0, N70; 8"



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

SCALE: N.T.S.	SHEET NO. -- OF -- SHEETS
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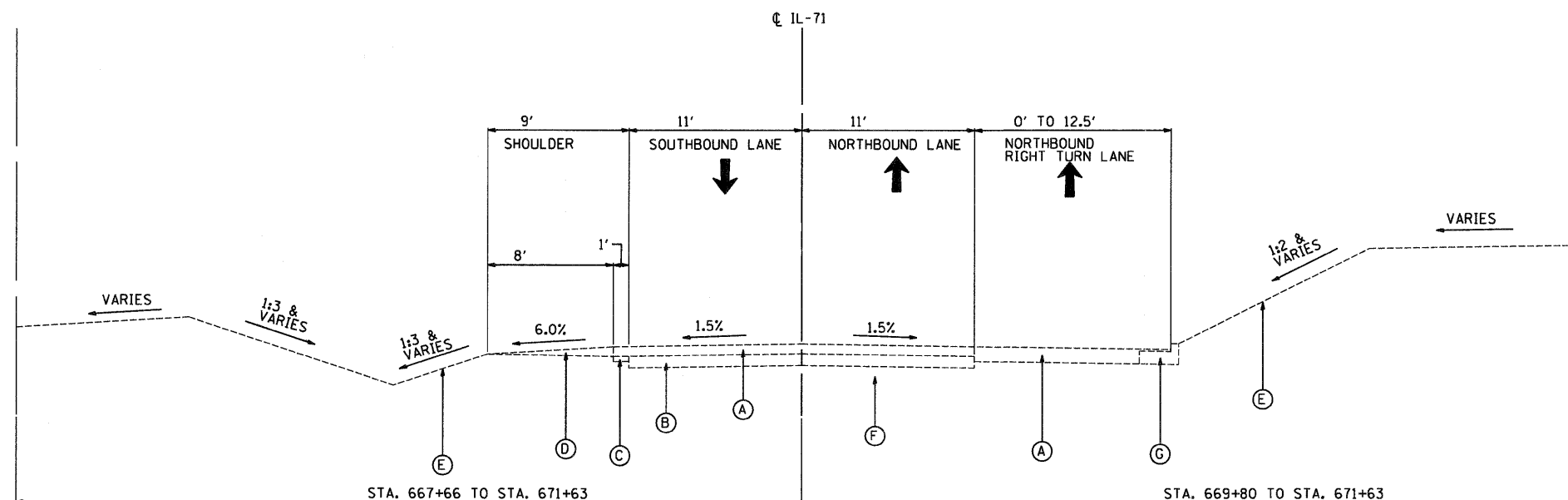
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1)-1IN TS	KENDALL	92	7
		CONTRACT NO. 66955		
ILLINOIS FED. AID PROJECT				

EX-R/W

EX-R/W

EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9'-6"-9')
- (C) HMA SURFACE COURSE (4')
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2')
- (L) AGGREGATE BASE COURSE



EXISTING TYPICAL SECTION 3E
ILLINOIS-71

SEE ABOVE FOR APPLICABLE STATIONS

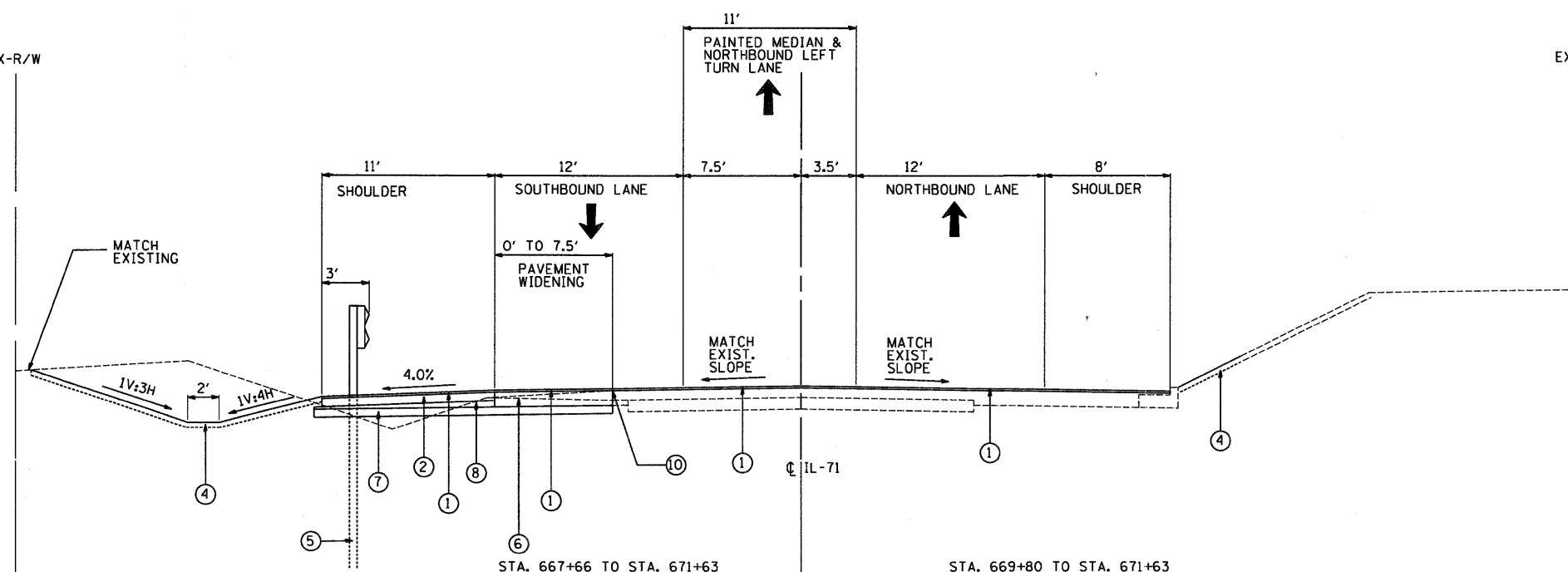
NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- (2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- (3) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- (31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
- (32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- (5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (6) HMA BASE COURSE WIDENING; 11-1/2"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- (9) HMA BASE COURSE WIDENING; 9"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- (12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- (13) TEMPORARY PAVEMENT
HMA BINDER COURSE, IL-19.0, N70; 8"

EX-R/W

EX-R/W



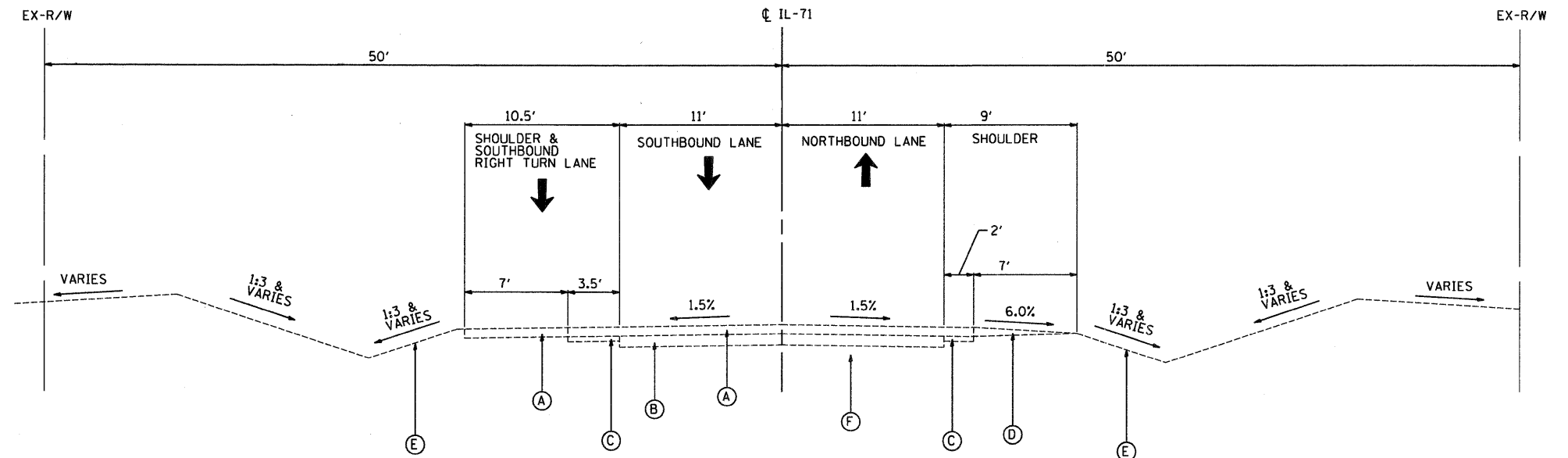
PROPOSED TYPICAL SECTION 3P
ILLINOIS-71

SEE ABOVE FOR APPLICABLE STATIONS

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	8
	PLOT SCALE = 5.0000' / IN.	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.		SHEET NO. -- OF -- SHEETS						

EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



EXISTING TYPICAL SECTION
ILLINOIS-71

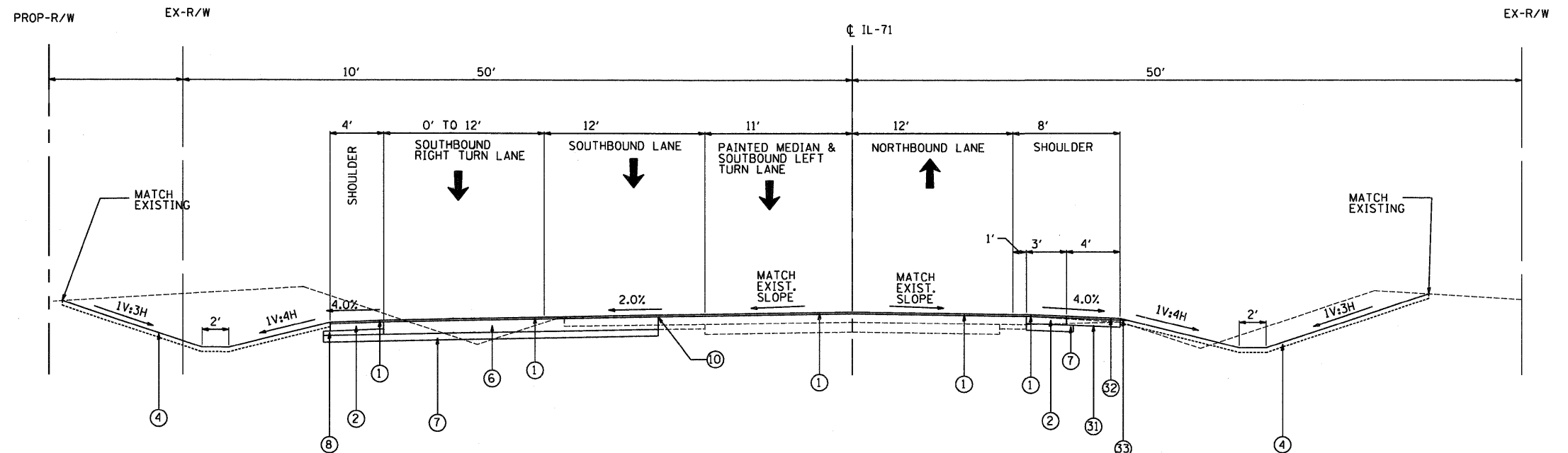
4E

NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

STA. 674+60.50 TO STA. 676+50.50

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- (2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- (31)(32)(33) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- (31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
- (32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- (5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (6) HMA BASE COURSE WIDENING; 11-1/2"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- (9) HMA BASE COURSE WIDENING; 9"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- (12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- (13) TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION
ILLINOIS-71

4P

STA. 674+60.50 TO STA. 676+50.50

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

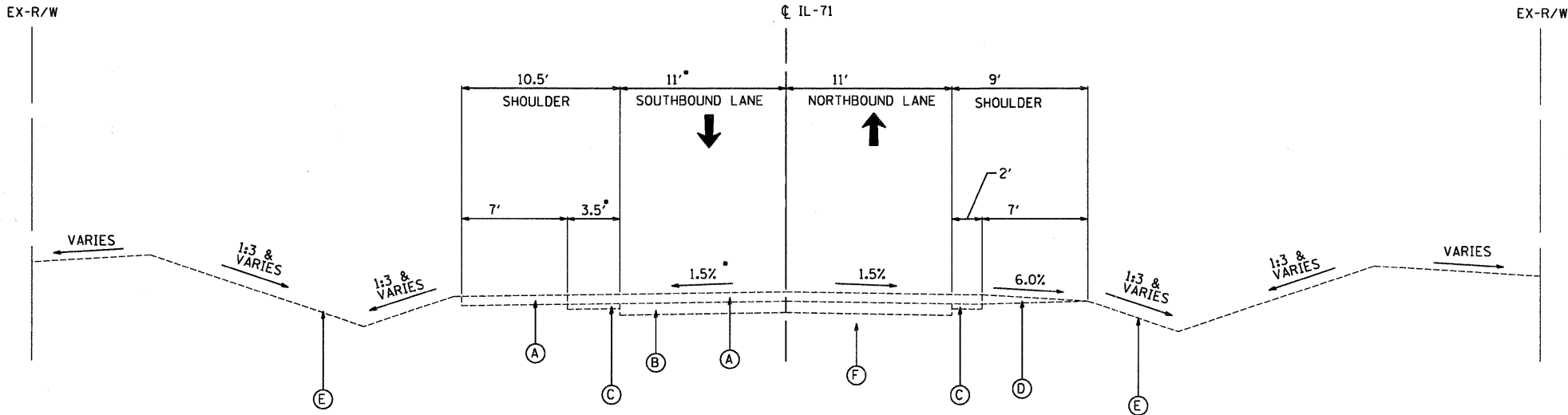
FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. -- OF -- SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	9
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



EXISTING TYPICAL SECTION
ILLINOIS-71

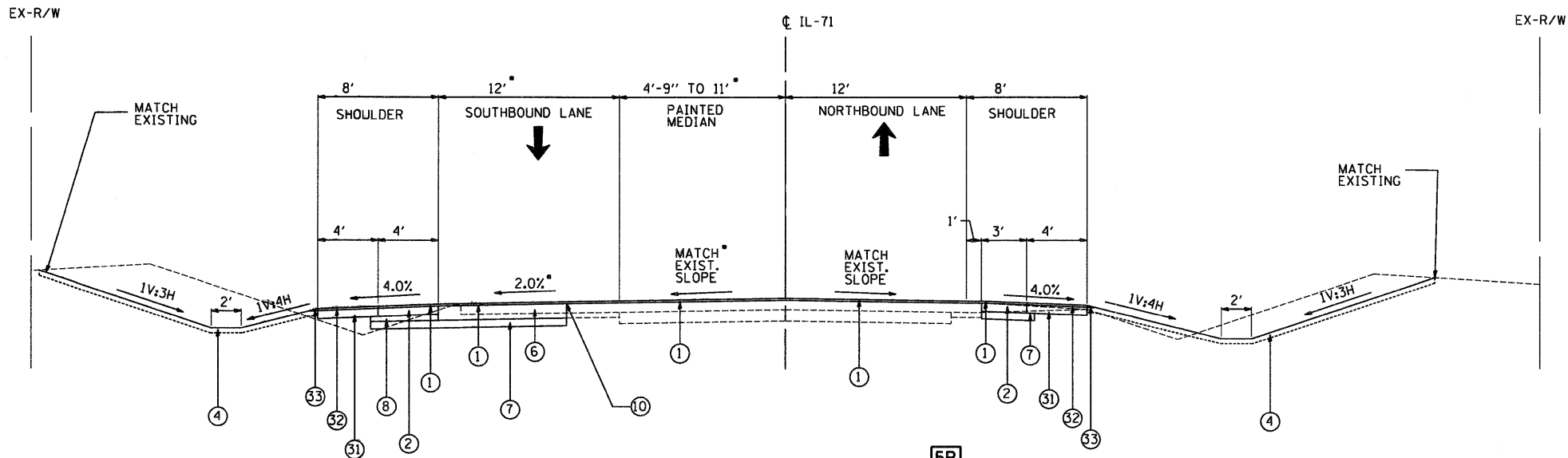
STA. 676+50.50 TO STA. 678+75

5E * SUPERELEVATION TRANSITION BEGINS AT STA 677+00.
ROAD IS FULLY SUPERELEVATED AT STA 678+00.

NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- (2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- (31)(32)(33) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- (31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
- (32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- (5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (6) HMA BASE COURSE WIDENING; 11-1/2"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- (9) HMA BASE COURSE WIDENING; 9"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- (12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- (13) TEMPORARY PAVEMENT
HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION
ILLINOIS-71

STA. 676+50.50 TO STA. 678+75

5P * SUPERELEVATION TRANSITION BEGINS AT STA 677+00.
ROAD IS FULLY SUPERELEVATED AT STA 678+00.

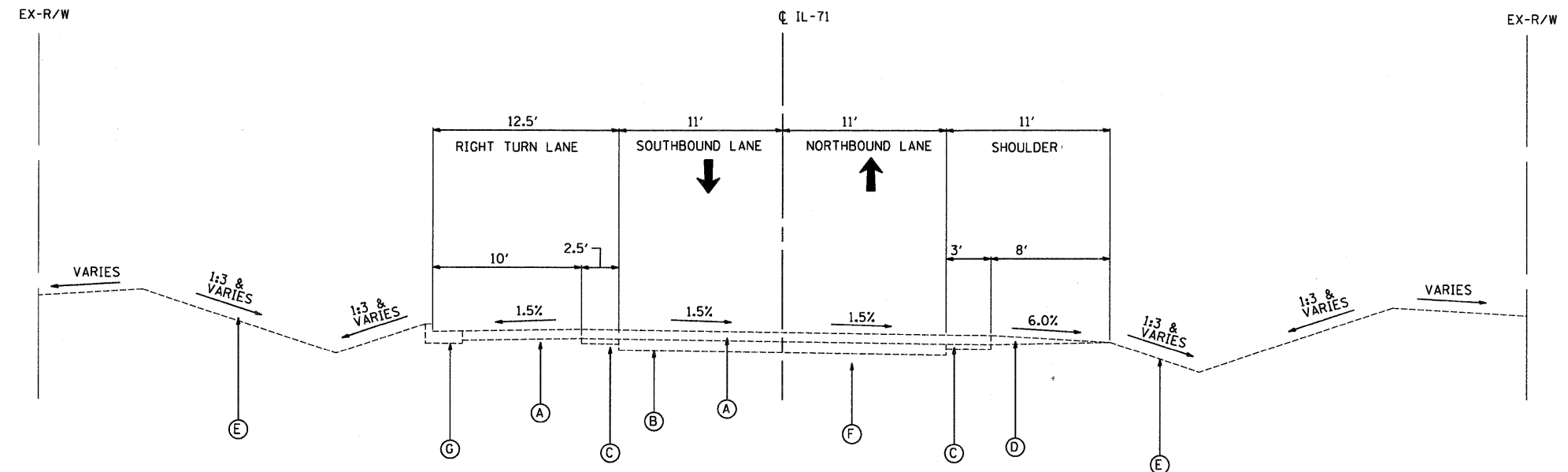
NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

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		DRAWN - JWB	REVISED -				311	(1-IN TS)	KENDALL	92	10
	PLOT SCALE = 5.0000 ' / IN.	CHECKED - RS	REVISED -				CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -								
					SCALE: N.T.S.	SHEET NO. -- OF -- SHEETS	ILLINOIS FED. AID PROJECT				

EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



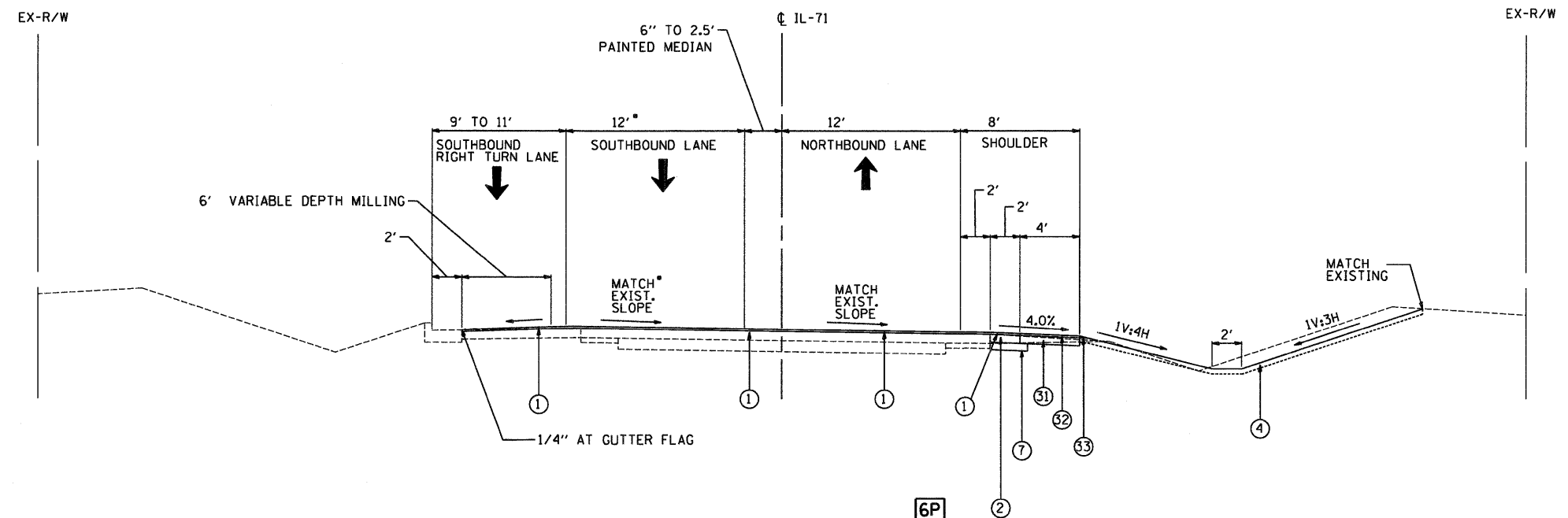
EXISTING TYPICAL SECTION
ILLINOIS-71

STA. 679+66 TO STA. 680+50

NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- (2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- (31)(32)(33) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- (31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
- (32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- (5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (6) HMA BASE COURSE WIDENING; 11-1/2"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- (9) HMA BASE COURSE WIDENING; 9"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- (12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- (13) TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION
ILLINOIS-71

STA. 679+66 TO STA. 680+50

* SUPERELEVATED PAVEMENT SHALL MATCH EXISTING SLOPES. SEE CROSS SECTIONS.

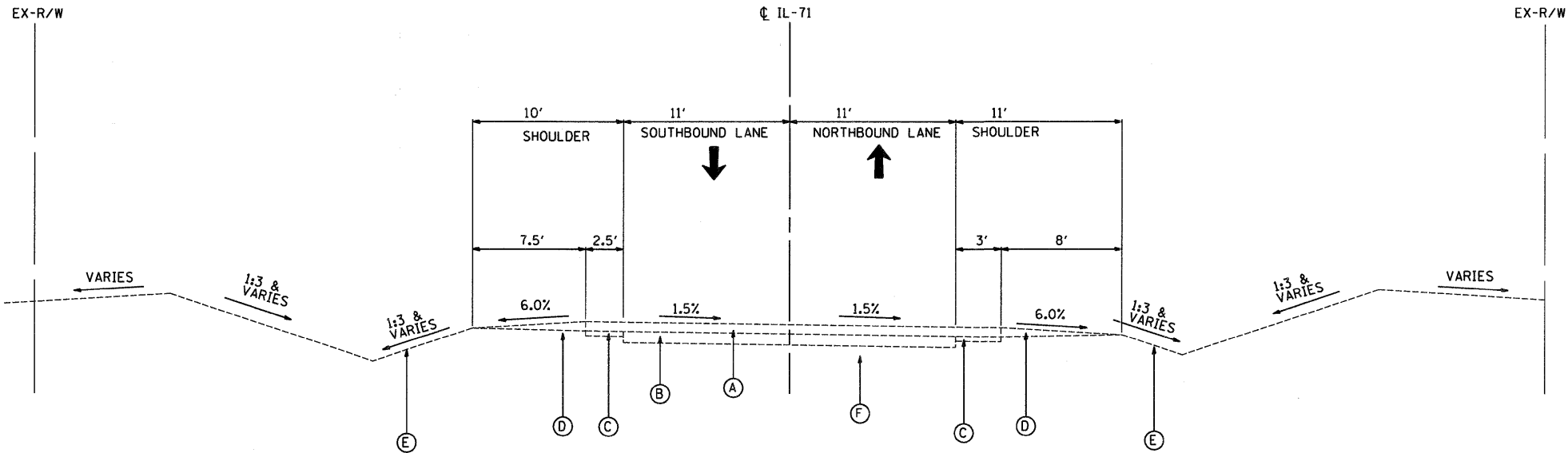
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -			311	(1-1)N TS	KENDALL	92	11
	PLOT SCALE = 5.0000 ' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: N.T.S.		SHEET NO. -- OF -- SHEETS							

EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



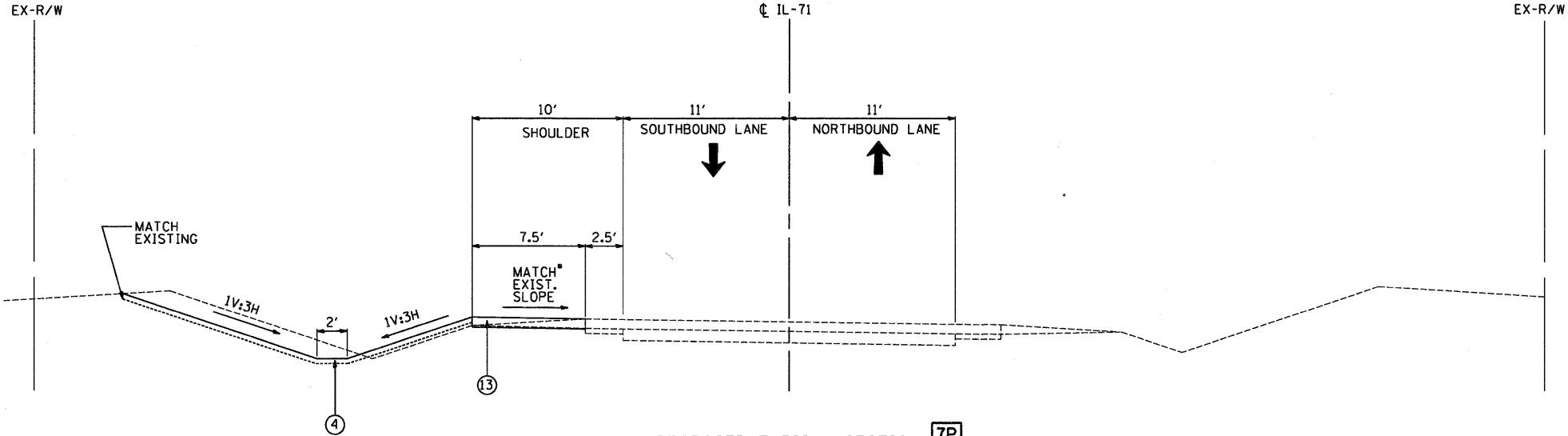
EXISTING TYPICAL SECTION 7E
ILLINOIS-71

NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

STA. 680+50 TO STA. 683+20

PROPOSED LEGEND

- ① HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- ② HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- ③ PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- ③ AGGREGATE SHOULDER, TYPE B; 6-1/2"
- ③ AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ③ AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ④ SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- ⑤ GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ⑥ HMA BASE COURSE WIDENING; 11-1/2"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- ⑨ HMA BASE COURSE WIDENING; 9"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- ⑫ HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- ⑬ TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 7P
ILLINOIS-71

* SUPERELEVATED PAVEMENT SHALL MATCH EXISTING SLOPES. SEE CROSS SECTIONS.

STA. 680+50 TO STA. 683+20

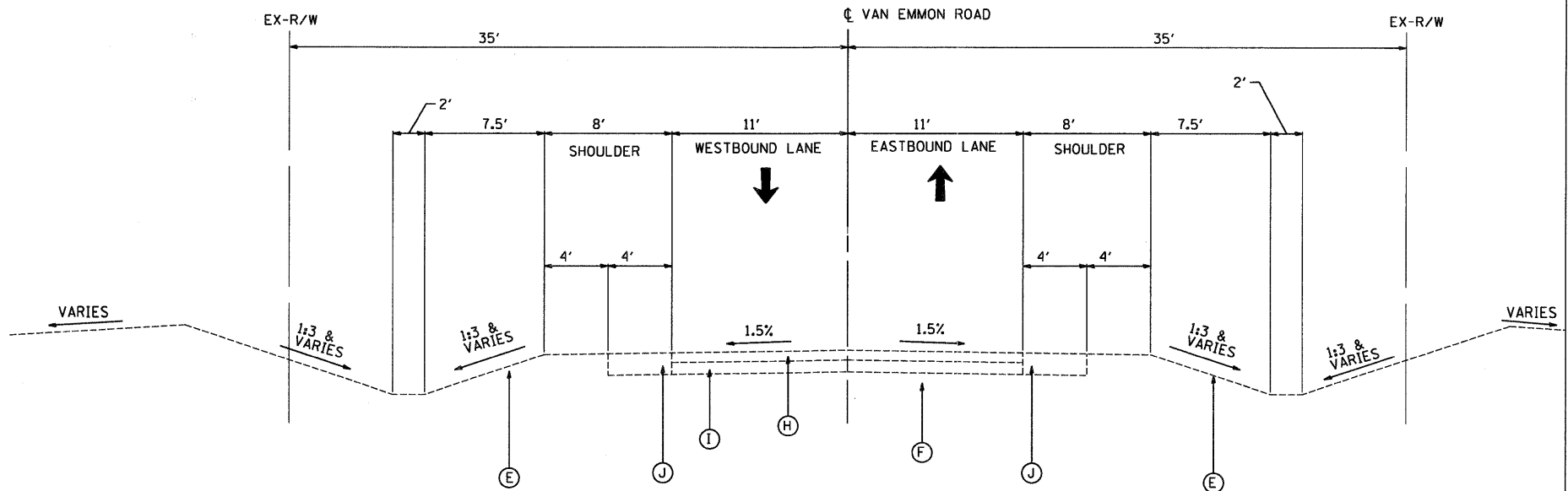
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	12
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

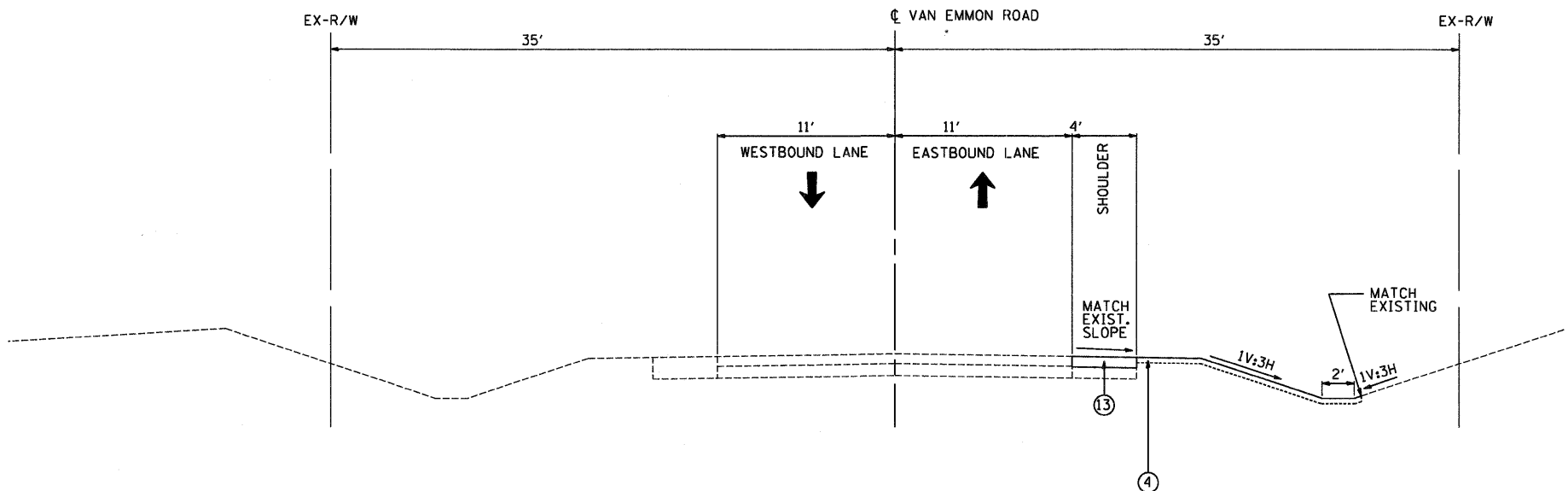
EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
(B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
(C) HMA SURFACE COURSE (4")
(D) AGGREGATE SHOULDER (WEDGE)
(E) GRASSED SURFACE
(F) SUBGRADE (MATERIAL VARIES)
(G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
(H) HMA SURFACE TREATMENT (7-1/2" +/-)
(I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
(J) HMA SHOULDER
(K) HMA PAVEMENT (4-1/2")
(L) AGGREGATE BASE COURSE



PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
(2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
(3) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
(31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
(32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
(33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
(4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
(5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
(6) HMA BASE COURSE WIDENING; 11-1/2"
(7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
(8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
(9) HMA BASE COURSE WIDENING; 9"
(10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
(11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
(12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
(13) TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 8P
VAN EMMON ROAD

STA. 51+50 TO STA. 54+50

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

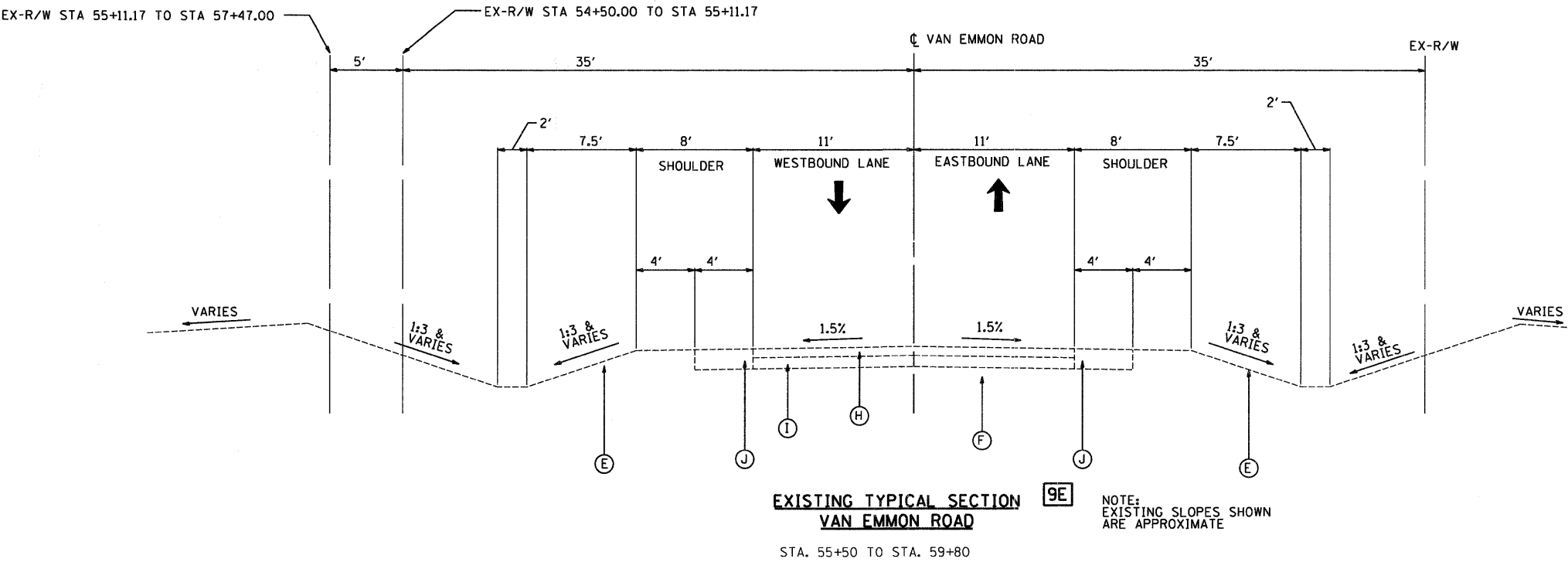
FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. -- OF -- SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	13
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

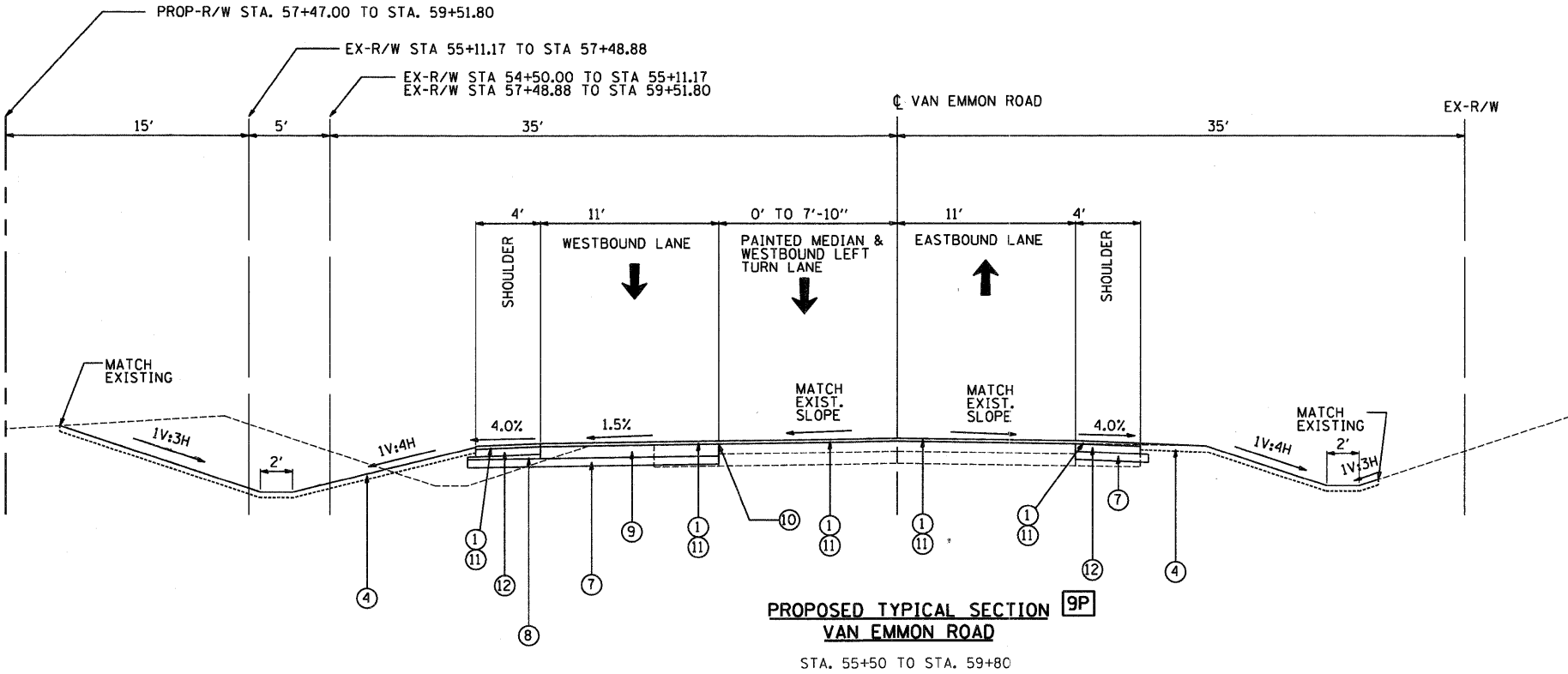
EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- (2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- (3) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- (31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
- (32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- (5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (6) HMA BASE COURSE WIDENING; 11-1/2"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- (9) HMA BASE COURSE WIDENING; 9"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- (12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- (13) TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"

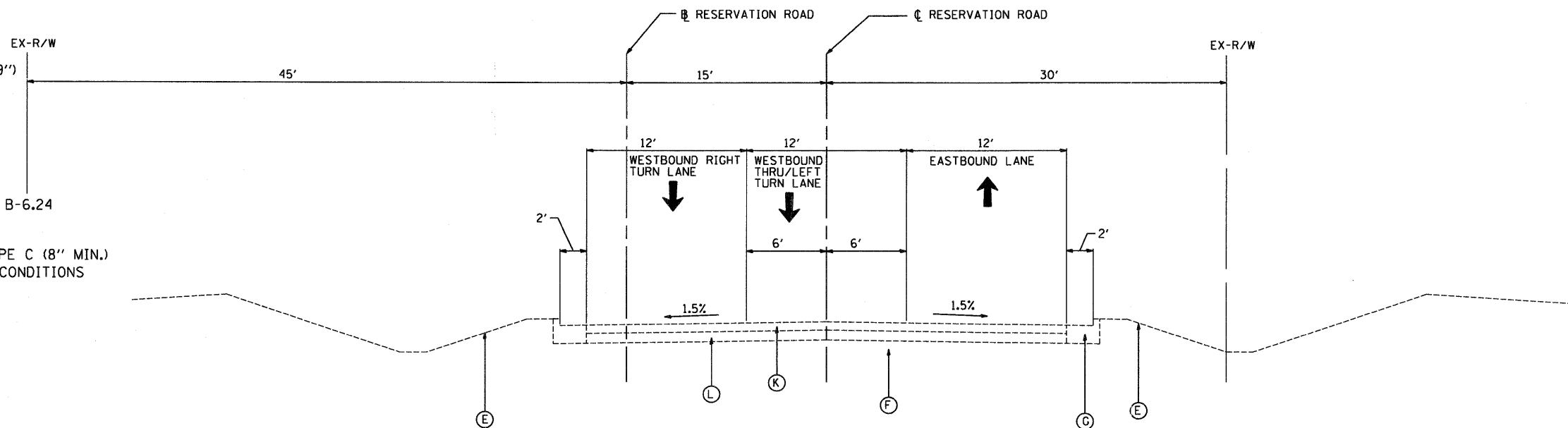


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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS TYPICAL SECTIONS	SCALE: N.T.S.	SHEET NO. -- OF -- SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 5.0000' / 1" IN.	DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	14
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	DATE - 03/31/2011	REVISD -						ILLINOIS FED. AID PROJECT				

EXISTING CONDITIONS

- (A) HMA SURFACE COURSE (7-1/2" +/-)
- (B) PARTIALLY REINFORCED P.C.C. PAVEMENT (9"-6"-9")
- (C) HMA SURFACE COURSE (4")
- (D) AGGREGATE SHOULDER (WEDGE)
- (E) GRASSED SURFACE
- (F) SUBGRADE (MATERIAL VARIES)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) HMA SURFACE TREATMENT (7-1/2" +/-)
- (I) GRAVEL OR CRUSHED STONE SURFACE COURSE, TYPE C (8" MIN.) THICKNESS INCREASED WHERE REQUIRED BY SOIL CONDITIONS
- (J) HMA SHOULDER
- (K) HMA PAVEMENT (4-1/2")
- (L) AGGREGATE BASE COURSE



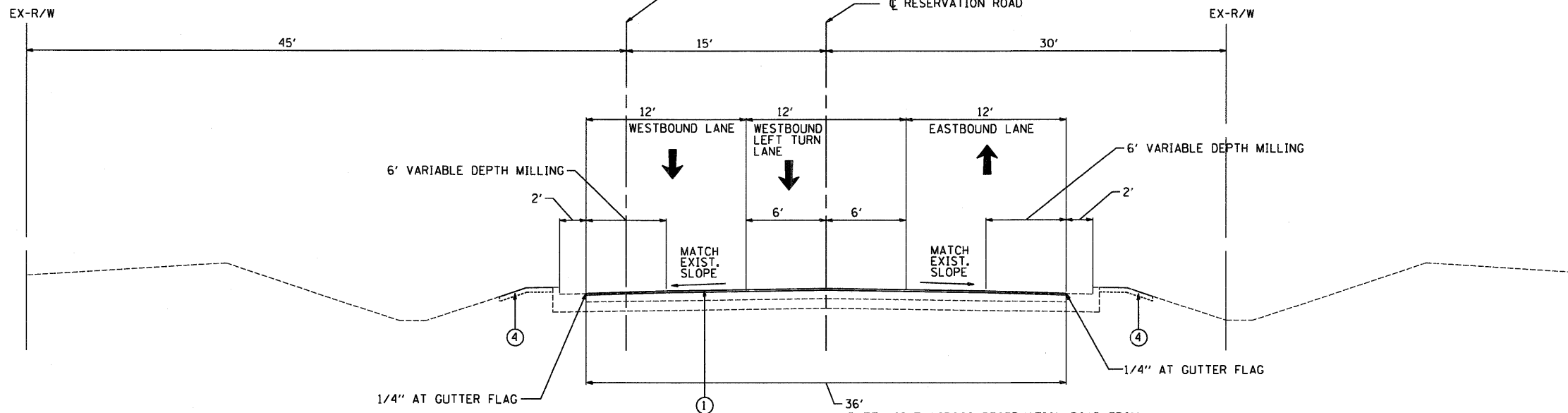
EXISTING TYPICAL SECTION
RESERVATION ROAD

STA. 61+48 TO STA. 62+08

NOTE:
EXISTING SLOPES SHOWN
ARE APPROXIMATE

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- (2) HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- (31)(32)(33) PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- (31) AGGREGATE SHOULDER, TYPE B; 6-1/2"
- (32) AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (33) AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (4) SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- (5) GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- (6) HMA BASE COURSE WIDENING; 11-1/2"
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- (8) SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- (9) HMA BASE COURSE WIDENING; 9"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (11) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- (12) HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- (13) TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION
RESERVATION ROAD

STA. 61+48 TO STA. 62+08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. -- OF -- SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-IN TS)	KENDALL	92	15
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

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TREE REMOVAL AND MAINTENANCE SCHEDULE

						20100110	20100210	20101000	20101300	20101350
STATION	OFFSET	SIZE-DIA. INCHES (SURVEY)	SIZE-DIA. INCHES (START OF CNSTRCTN)	TYPE	ACTION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TEMPORARY FENCE (FOOT)	TREE PRUNING (1 TO 10 INCH DIAMETER) (EACH)	TREE PRUNING (OVER 10 INCH DIAMETER) (EACH)
54+44.8	LT	35.0	13.0		PROTECT	0	0	0	0	1
54+65.9	LT	34.9	13.0	STUMP	REMOVE	1	0	0	0	0
54+73.9	LT	35.7	11.0		PROTECT	0	0	0	0	1
54+75.4	RT	31.2	7.0		REMOVE	1	0	0	0	0
54+87.7	LT	33.7	7.0		REMOVE	1	0	0	0	0
54+93.6	LT	34.6	13.0		REMOVE	1	0	0	0	0
55+10.4	LT	34.9	11.0	STUMP	REMOVE	1	0	0	0	0
55+15.3	LT	34.0	7.0	STUMP	REMOVE	1	0	0	0	0
55+34.0	LT	35.4	8.0		REMOVE	1	0	0	0	0
55+34.6	LT	55.0	23.0		PROTECT	0	0	0	0	1
55+35.9	LT	56.6	17.0		PROTECT	0	0	0	0	1
55+36.0	LT	35.3	6.0		REMOVE	1	0	0	0	0
55+36.6	LT	57.5	6.0		PROTECT	0	0	0	1	0
55+36.9	LT	36.0	6.0		REMOVE	1	0	0	0	0
55+43.0	LT	37.3	6.0		REMOVE	1	0	0	0	0
55+43.3	LT	39.7	6.0		REMOVE	1	0	0	0	0
55+60.0	LT	48.6	11.0		REMOVE	1	0	0	0	0
55+62.9	RT	35.7	6.0		PROTECT	0	0	0	1	0
55+64.4	LT	37.8	10.0		REMOVE	1	0	0	0	0
55+68.9	LT	47.9	9.0		REMOVE	1	0	0	0	0
55+69.0	LT	46.1	8.0		REMOVE	1	0	0	0	0
55+72.8	LT	37.0	7.0		REMOVE	1	0	0	0	0
55+83.1	LT	38.6	6.0	STUMP	REMOVE	1	0	0	0	0
55+86.0	LT	43.6	8.0		REMOVE	1	0	0	0	0
55+92.9	LT	42.0	8.0		REMOVE	1	0	0	0	0
55+95.3	LT	43.2	6.0		REMOVE	1	0	0	0	0
55+96.4	LT	52.0	8.0		REMOVE	1	0	0	0	0
56+15.9	LT	35.5	12		REMOVE	1	0	0	0	0
56+18.4	LT	35.3	8		REMOVE	1	0	0	0	0
56+27.5	LT	33.9	12		REMOVE	1	0	0	0	0
56+30.5	LT	35.0	12		REMOVE	1	0	0	0	0
56+39.2	LT	34.9	8		REMOVE	1	0	0	0	0
56+39.4	LT	36.4	12		REMOVE	1	0	0	0	0
56+44.8	LT	36.6	12		REMOVE	1	0	0	0	0
56+45.1	LT	33.0	12		REMOVE	1	0	0	0	0
56+45.2	LT	31.7	12		REMOVE	1	0	0	0	0
56+51.5	LT	35.8	12		REMOVE	1	0	0	0	0
56+55.5	LT	35.0	12		REMOVE	1	0	0	0	0
56+57.0	LT	33.3	8		REMOVE	1	0	0	0	0
56+59.6	LT	34.8	18		REMOVE	0	1	0	0	0
56+60.0	LT	32.6	8		REMOVE	1	0	0	0	0
56+68.5	LT	32.3	10		REMOVE	1	0	0	0	0
56+73.2	LT	33.1	8		REMOVE	1	0	0	0	0
56+78.3	LT	32.9	6		REMOVE	1	0	0	0	0
56+82.4	LT	34.5	10		REMOVE	1	0	0	0	0
56+82.7	LT	37.1	14		REMOVE	0	1	0	0	0
56+85.4	LT	33.1	24		REMOVE	0	1	0	0	0
56+91.3	LT	33.2	14		REMOVE	0	1	0	0	0
56+91.6	LT	32.0	10		REMOVE	1	0	0	0	0
57+00.0	LT	34.4	18		REMOVE	0	1	0	0	0
57+02.5	LT	33.5	14		REMOVE	0	1	0	0	0
57+06.9	LT	32.7	12		REMOVE	1	0	0	0	0
57+07.0	LT	34.0	10		REMOVE	1	0	0	0	0
57+18.2	LT	32.9	10	STUMP	REMOVE	1	0	0	0	0
57+20.3	LT	34.5	14	STUMP	REMOVE	0	1	0	0	0
57+29.1	LT	32.6	16		REMOVE	0	1	0	0	0
57+49.8	LT	33.1	8		REMOVE	1	0	0	0	0
57+61.4	LT	30..2	18		REMOVE	0	1	0	0	0
57+62.6	LT	36.0	30	STUMP	REMOVE	0	1	0	0	0
57+67.5	LT	37.8		BUSH	REMOVE	1	0	0	0	0
57+77.4	LT	38.7		BUSH	REMOVE	1	0	0	0	0
57+81.2	LT	37.0	12		REMOVE	1	0	0	0	0
58+17.1	LT	40.0		BUSH	REMOVE	1	0	0	0	0
59+32.7	LT	43.8	24		REMOVE	0	1	0	0	0

TREE REMOVAL AND MAINTENANCE SCHEDULE

						20100110	20100210	20101000	20101300	20101350
STATION	OFFSET	SIZE-DIA. INCHES (SURVEY)	SIZE-DIA. INCHES (START OF CNSTRCTN)	TYPE	ACTION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TEMPORARY FENCE (FOOT)	TREE PRUNING (1 TO 10 INCH DIAMETER) (EACH)	TREE PRUNING (OVER 10 INCH DIAMETER) (EACH)
59+69.0	LT	42.5			REMOVE	1	0	0	0	0
59+75.8	LT	33.1	18		REMOVE	0	1	0	0	0
59+78.1	LT	33.8	18		REMOVE	0	1	0	0	0
60+13.3	RT	49.2	10		PROTECT	0	0	0	0	1
60+25.8	RT	53.9	10		REMOVE	1	0	0	0	0
60+26.1	RT	64.7	8		PROTECT	0	0	0	1	0
664+15.3	LT	48.4			PROTECT	0	0	12	0	1
664+16.4	LT	49.4			PROTECT	0	0	12	0	1
664+32.3	LT	49.4			PROTECT	0	0	12	0	1
664+33.4	LT	45.7			PROTECT	0	0	12	0	1
664+33.5	LT	47.7			PROTECT	0	0	12	0	1
664+35.4	LT	48.7			PROTECT	0	0	12	0	1
664+37.4	LT	46.4			PROTECT	0	0	12	0	1
664+43.6	LT	46.2			PROTECT	0	0	12	0	1
664+53.8	LT	47.4			PROTECT	0	0	12	0	1
664+60.1	LT	47.2			PROTECT	0	0	12	1	0
664+73.1	LT	47.8			PROTECT	0	0	12	0	1
665+44.4	LT	40.0			REMOVE	1	0	0	0	0
665+62.2	LT	40.4			REMOVE	1	0	0	0	0
665+67.4	LT	43.2			REMOVE	1	0	0	0	0
665+67.6	LT	45.8			REMOVE	1	0	0	0	0
665+69.3	LT	45.4			REMOVE	1	0	0	0	0
665+69.6	LT	43.2			REMOVE	1	0	0	0	0
665+70.7	LT	45.2			REMOVE	1	0	0	0	0
665+73.3	LT	36.8			REMOVE	1	0	0	0	0
665+79.6	LT	37.3			REMOVE	1	0	0	0	0
665+92.0	LT	40.7			REMOVE	1	0	0	0	0
665+96.5	LT	43.7			REMOVE	1	0	0	0	0
666+12.1	LT	47.6			REMOVE	1	0	0	0	0
666+18.9	LT	48.5			PROTECT	0	0	12	1	0
666+23.7	RT	47.7			REMOVE	1	0	0	0	0
666+27.7	LT	49.6			PROTECT	0	0	12	1	0
666+30.8	LT	49.8			PROTECT	0	0	12	0	1
666+49.7	RT	48.8			REMOVE	0	1	0	0	0
666+50.8	RT	47.6			REMOVE	1	0	0	0	0
666+51.4	LT	49.2			PROTECT	0	0	12	0	1
666+72.0	LT	41.8			REMOVE	1	0	0	0	0
666+73.6	LT	42.2			REMOVE	1	0	0	0	0
666+73.9	RT	47.5			REMOVE	1	0	0	0	0
666+98.1	RT	49.1			REMOVE	0	1	0	0	0
666+98.2	RT	50.0			REMOVE	1	0	0	0	0
667+41.7	LT	44.7			REMOVE	1	0	0	0	0
667+63.7	LT	42.1			REMOVE	1	0	0	0	0
667+63.9	LT	40.9			REMOVE	1	0	0	0	0
667+74.1	LT	47.1			REMOVE	0	1	0	0	0
667+75.4	LT	46.8			REMOVE	1	0	0	0	0
667+76.2	LT	46.3			REMOVE	1	0	0	0	0
667+77.4	RT	46.9			REMOVE	0	1	0	0	0
667+79.3	RT	46.3			REMOVE	0	1	0	0	0
668+20.1	RT	45.3			REMOVE	1	0	0	0	0
668+26.0	LT	39.8			REMOVE	1	0	0	0	0
668+28.0	LT	40.0			REMOVE	1	0	0	0	0
668+38.8	LT	41.0			REMOVE	1	0	0	0	0
668+42.5	LT	40.7			REMOVE	1	0	0	0	0
668+44.0	RT	47.3			REMOVE	1	0	0	0	0
668+44.9	RT	47.6			REMOVE	1	0	0	0	0
669+34.9	RT	50.0			REMOVE	1	0	0	0	0
669+60.8	RT	47.9			REMOVE	1	0	0	0	0
669+61.7	RT	48.2			REMOVE	1	0	0	0	0
670+37.3	LT	48.2		STUMP	REMOVE	0	1	0	0	0
673+15.5	LT	53.2			REMOVE	0	1	0	0	0
673+27.0	LT	55.0			REMOVE	0	1	0	0	0
673+32.3	LT	49.5		STUMP	REMOVE	0	1	0	0	0
673+36.7	LT	49.3			REMOVE	1	0	0	0	0

FILE NAME =	USER NAME = .USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000 ' / IN.	DRAWN - JWB	REVISED -					311	(1-IN TS	KENDALL	92	16
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	DATE - 03/31/2011	REVISED -										
				SCALE: N.T.S.	SHEET NO. OF SHEETS		ILLINOIS FED. AID PROJECT					

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TREE REMOVAL AND MAINTENANCE SCHEDULE

						20100110	20100210	20101000	20101300	20101350
STATION	OFFSET	SIZE-DIA. INCHES (SURVEY)	SIZE-DIA. INCHES (START OF CNSTRCTN)	TYPE	ACTION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TEMPORARY FENCE (FOOT)	TREE PRUNING (1 TO 10 INCH DIAMETER) (EACH)	TREE PRUNING (OVER 10 INCH DIAMETER) (EACH)
673+38.7	LT	48.4	10		REMOVE	1	0	0	0	0
673+39.0	LT	53.7	14	STUMP	REMOVE	0	1	0	0	0
673+43.3	LT	53.0	8	STUMP	REMOVE	1	0	0	0	0
673+45.0	LT	50.3	10		REMOVE	1	0	0	0	0
673+45.1	LT	47.7	10		REMOVE	1	0	0	0	0
673+46.4	LT	48.6	10		REMOVE	1	0	0	0	0
673+53.7	LT	49.5	12		REMOVE	1	0	0	0	0
673+54.5	LT	52.0	12		REMOVE	1	0	0	0	0
673+55.7	LT	48.7	12		REMOVE	1	0	0	0	0
673+56.9	LT	51.4	6		REMOVE	1	0	0	0	0
673+60.3	LT	47.4	12		REMOVE	1	0	0	0	0
673+62.9	LT	47.3	12		REMOVE	1	0	0	0	0
673+67.6	LT	51.4	30		REMOVE	0	1	0	0	0
674+90.6	LT	53.1	14		REMOVE	0	1	0	0	0
674+91.5	LT	50.2	18		REMOVE	0	1	0	0	0
674+93.7	LT	52.8	18		REMOVE	0	1	0	0	0
674+99.0	LT	49.7	24		REMOVE	0	1	0	0	0
675+08.4	LT	49.8	12		REMOVE	1	0	0	0	0
675+10.2	LT	49.3	12		REMOVE	1	0	0	0	0
675+26.2	LT	48.5	12		REMOVE	1	0	0	0	0
675+27.0	LT	51.4	14		REMOVE	0	1	0	0	0
675+29.4	LT	49.6	14		REMOVE	0	1	0	0	0
675+34.3	LT	52.8	26		REMOVE	0	1	0	0	0
675+44.4	LT	49.3	18		REMOVE	0	1	0	0	0
675+44.7	LT	51.6	12		REMOVE	1	0	0	0	0
675+44.9	LT	52.9	14		REMOVE	0	1	0	0	0
675+45.9	LT	51.5	14		REMOVE	0	1	0	0	0
675+70.1	LT	52.8	10		REMOVE	1	0	0	0	0
675+70.3	LT	50.7	10		REMOVE	1	0	0	0	0
675+74.4	LT	49.0	12		REMOVE	1	0	0	0	0
675+75.5	LT	50.6	10		REMOVE	1	0	0	0	0
675+77.9	LT	49.2	14		REMOVE	0	1	0	0	0
675+80.9	LT	54.4	16		REMOVE	0	1	0	0	0
675+87.2	LT	46.9	16		REMOVE	0	1	0	0	0
675+89.5	LT	48.9	14		REMOVE	0	1	0	0	0
675+95.5	LT	50.2	14		REMOVE	0	1	0	0	0
675+99.5	LT	50.0	16		REMOVE	0	1	0	0	0
676+01.4	LT	50.0	10		REMOVE	1	0	0	0	0
676+05.3	LT	53.1	14		REMOVE	0	1	0	0	0
676+06.9	LT	49.7	8		REMOVE	1	0	0	0	0
676+09.3	LT	49.3	16		REMOVE	0	1	0	0	0
676+17.1	LT	49.4	12		REMOVE	1	0	0	0	0
676+20.3	LT	49.7	14		REMOVE	0	1	0	0	0
676+21.1	LT	54.6	12		REMOVE	1	0	0	0	0
676+21.6	LT	51.9	14		REMOVE	0	1	0	0	0
676+34.3	LT	49.0	16		REMOVE	0	1	0	0	0
676+34.3	LT	52.7	14		REMOVE	0	1	0	0	0
676+37.0	LT	47.4	12		REMOVE	1	0	0	0	0
676+46.3	LT	50.7	12		REMOVE	1	0	0	0	0
676+48.1	LT	48.4	14		REMOVE	0	1	0	0	0
676+54.9	LT	52.1	12		PROTECT	0	0	0	0	1
676+55.5	LT	49.0	14		REMOVE	0	1	0	0	0
676+62.2	LT	50.4	18		PROTECT	0	0	0	0	1
676+71.6	LT	51.3	14		PROTECT	0	0	0	0	1
676+71.8	LT	49.3	14		REMOVE	0	1	0	0	0
676+81.3	LT	49.1	14		REMOVE	0	1	0	0	0
676+87.5	LT	48.8	24		REMOVE	0	1	0	0	0
676+95.7	LT	49.1	24	STUMP	REMOVE	0	1	0	0	0
677+19.6	LT	48.6	18		REMOVE	0	1	0	0	0
677+28.6	LT	52.2	14		PROTECT	0	0	0	0	1
677+33.2	LT	51.1	12		PROTECT	0	0	0	0	1
677+34.7	LT	50.0	16		PROTECT	0	0	0	0	1
677+51.1	LT	47.2	14		REMOVE	0	1	0	0	0
677+53.7	LT	48.9	14		REMOVE	0	1	0	0	0

TREE REMOVAL AND MAINTENANCE SCHEDULE

						20100110	20100210	20101000	20101300	20101350
STATION	OFFSET	SIZE-DIA. INCHES (SURVEY)	SIZE-DIA. INCHES (START OF CNSTRCTN)	TYPE	ACTION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TEMPORARY FENCE (FOOT)	TREE PRUNING (1 TO 10 INCH DIAMETER) (EACH)	TREE PRUNING (OVER 10 INCH DIAMETER) (EACH)
677+59.9	LT	45.9	18		REMOVE	0	1	0	0	0
677+61.6	LT	47.4	12		REMOVE	1	0	0	0	0
677+73.4	LT	48.0	24		REMOVE	0	1	0	0	0
678+25.4	LT	50.4	40		PROTECT	0	0	17	0	1
678+46.8	LT	47.2	16		PROTECT	0	0	17	0	1
678+49.5	LT	48.0	20		PROTECT	0	0	17	0	1
					TOTALS	109	57	231	6	26

FILE NAME =

USER NAME = .USER.

DESIGNED - JWB

REVISED -

DRAWN - JWB

REVISED -

PLOT SCALE = 50.0000' / IN.

CHECKED - RS

REVISED -

PLOT DATE = 3/31/2011

DATE - 03/31/2011

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SCHEDULES

SCALE: N.T.S.

SHEET NO. OF SHEETS

F.A.P.
RTE.
311

SECTION

(1-IN TS

COUNTY

KENDALL

TOTAL
SHEETS

92

SHEET
NO.

17

CONTRACT NO. 66955

ILLINOIS FED. AID PROJECT

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EARTHWORK SCHEDULE																			
		20200100												20400800					
		EARTH EXCAVATION			EXCAVATION AVAILABLE TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (SHRINKAGE FACTOR = 15%)			EMBANKMENT			EARTHWORK BALANCE: WASTE (+) OR SHORTAGE (-)			FURNISHED EXCAVATION (SHRINKAGE FACTOR = 15%)			WASTE HAUL OFF (SWELL FACTOR 15%)		
FROM	TO	CU YD			CU YD			CU YD			CU YD			CU YD			CU YD		
STATION	STATION	STAGE 1	STAGE 2	STAGE 2+	STAGE 1	STAGE 2	STAGE 2+	STAGE 1	STAGE 2	STAGE 2+	STAGE 1	STAGE 2	STAGE 2+	STAGE 1	STAGE 2	STAGE 2+	STAGE 1	STAGE 2	STAGE 2+
ILLINOIS 71																			
661+50	662+00	5	0	0	4	0	0	2	0	0	2	0	0	0	0	0	2	0	0
662+00	662+30	12	0	0	10	0	0	1	0	0	9	0	0	0	0	0	10	0	0
662+30	662+50	9	0	0	7	0	0	1	0	0	6	0	0	0	0	0	7	0	0
662+50	662+69	9	0	0	7	0	0	1	0	0	6	0	0	0	0	0	7	0	0
662+69	663+00	15	0	0	13	0	0	0	0	0	13	0	0	0	0	0	15	0	0
663+00	663+50	14	0	0	11	0	0	1	0	0	10	0	0	0	0	0	12	0	0
663+50	664+00	10	0	0	8	0	0	3	0	0	5	0	0	0	0	0	6	0	0
664+00	664+50	9	0	3	8	0	2	5	0	3	3	0	0	0	0	0	3	0	0
664+50	665+00	65	74	4	56	62	4	4	12	6	52	51	-2	0	0	2	61	59	0
665+00	665+15	30	46	0	25	39	0	0	7	1	25	32	-1	0	0	1	30	38	0
665+15	665+50	88	106	0	75	90	0	0	16	3	75	74	-3	0	0	4	88	87	0
665+50	666+00	152	91	1	129	78	1	3	27	8	127	50	-7	0	0	9	149	59	0
666+00	666+50	108	42	1	91	36	1	5	53	11	86	-16	-10	0	19	12	102	0	0
666+50	667+00	71	26	1	60	22	0	3	90	7	57	-68	-6	0	80	7	67	0	0
667+00	667+07	9	3	0	8	3	0	0	16	0	8	-13	0	0	15	0	9	0	0
667+07	667+50	41	17	0	35	14	0	62	100	0	-26	-86	0	31	101	1	0	0	0
667+50	668+00	47	15	0	40	13	0	105	112	0	-65	-99	0	76	116	0	0	0	0
668+00	668+16	30	5	0	25	4	0	19	24	0	7	-19	0	0	23	0	8	0	0
668+16	668+50	51	18	0	44	15	0	69	45	0	-26	-30	0	30	35	0	0	0	0
668+50	669+00	27	24	0	23	21	0	151	105	0	-128	-85	0	151	100	1	0	0	0
669+00	669+50	26	21	0	22	18	0	185	101	1	-162	-82	-1	191	97	1	0	0	0
669+50	670+00	26	43	0	22	37	0	177	40	1	-155	-4	-1	182	4	1	0	0	0
670+00	670+50	53	29	0	45	25	0	96	0	1	-51	25	-1	60	0	1	0	29	0
670+50	671+00	84	0	0	71	0	0	30	0	0	41	0	0	0	0	0	49	0	0
671+00	671+50	104	0	0	89	0	0	5	0	0	84	0	0	0	0	0	99	0	0
671+50	672+00	129	0	0	109	0	0	1	0	0	108	0	0	0	0	0	127	0	0
672+00	672+50	111	0	0	95	0	0	2	0	0	92	0	0	0	0	0	109	0	0
672+50	673+00	42	9	0	36	8	0	1	0	0	35	8	0	0	0	0	41	9	0
673+00	673+50	0	73	0	0	62	0	0	1	0	0	61	0	0	0	0	0	72	0
673+50	674+00	19	69	0	16	59	0	15	2	0	2	56	0	0	0	0	2	66	0
674+00	674+50	37	17	0	31	14	0	43	4	0	-12	10	0	14	0	0	0	12	0
674+50	675+00	56	27	0	48	23	0	49	4	0	-1	19	0	1	0	0	0	22	0
675+00	675+50	76	38	0	65	33	0	36	3	0	29	30	0	0	0	0	34	35	0
675+50	676+00	69	55	0	58	46	0	37	2	0	21	44	0	0	0	0	25	52	0
676+00	676+50	65	76	0	55	64	0	37	2	0	18	62	0	0	0	0	22	73	0
676+50	677+00	66	91	0	56	77	0	27	1	0	29	76	0	0	0	0	34	90	0
677+00	677+50	60	79	0	51	67	0	25	1	0	27	67	0	0	0	0	32	78	0
677+50	678+00	62	47	0	53	40	0	13	1	0	40	39	0	0	0	0	47	46	0
678+00	678+05	6	3	0	5	2	0	0	0	0	5	2	0	0	0	0	6	3	0
678+05	678+50	43	24	0	37	20	0	5	0	0	32	20	0	0	0	0	38	24	0
678+50	679+00	12	37	0	10	31	0	5	0	0	5	31	0	0	0	0	6	37	0
679+00	679+19	0	23	0	0	19	0	0	0	0	0	19	0	0	0	0	0	23	0
679+19	679+50	0	40	0	0	34	0	0	0	0	0	34	0	0	0	0	0	40	0
679+50	680+00	0	50	0	0	42	0	0	1	0	0	42	0	0	0	0	0	49	0
680+00	680+50	0	37	0	0	32	0	0	0	0	0	31	0	0	0	0	0	37	0
680+50	681+00	10	16	0	9	13	0	0	0	0	9	13	0	0	0	0	10	16	0
681+00	681+50	20	0	0	17	0	0	0	0	0	17	0	0	0	0	0	20	0	0
681+50	682+00	19	0	0	17	0	0	0	0	0	17	0	0	0	0	0	19	0	0
682+00	682+16	6	0	0	5	0	0	0	0	0	5	0	0	0	0	0	6	0	0
682+16	682+50	13	0	0	11	0	0	0	0	0	11	0	0	0	0	0	13	0	0
682+50	682+73	17	0	0	14	0	0	0	0	0	14	0	0	0	0	0	17	0	0
682+73	683+00	22	0	0	18	0	0	0	0	0	18	0	0	0	0	0	22	0	0
683+00	683+50	13	0	0	11	0	0	0	0	0	11	0	0	0	0	0	13	0	0
683+50	684+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
684+00	684+50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000 ' / IN.	DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	18
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	DATE - 03/31/2011	REVISED -	SCALE: N.T.S.					SHEET NO. OF SHEETS		ILLINOIS FED. AID PROJECT		

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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	19
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: N.T.S.	SHEET NO.	OF SHEETS	ILLINOIS FED. AID PROJECT				

ROADWAY SCHEDULE												
LOCATION			31100500	31102000	35600712	35600722	40600100	40600300	40600400	40600635	40603340	40603085
			SUB-BASE GRANULAR MATERIAL, TYPE A, 6"	SUB-BASE GRANULAR MATERIAL, TYPE C	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	HOT-MIX ASPHALT BASE COURSE WIDENING, 11 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	LEVELING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
			(SQ YD)	(CU YD)	(SQ YD)	(SQ YD)	(GAL)	(TON)	(TON)	(TON)	(TON)	(TON)
STATION	TO	STATION										
ILLINOIS 71												
661+00		666+00	215	0	0	0	129	1.2	0.2	0.0	51.7	218.3
666+00		671+00	1321	51	0	137	730	5.9	0.9	0.0	248.6	425.3
671+00		674+00	684	25	0	442	469	5.3	0.8	0.0	223.1	107.9
674+00		680+00	1044	20	0	505	640	6.2	0.9	0.0	264.7	154.3
680+00		684+00	20	0	0	0	29	0.5	0.1	0.0	22.7	102.6
VAN EMMON												
50+00		56+00	190	15	41	0	114	1.1	0.0	22.5	45.1	173.0
56+00		60+00	1088	30	404	0	556	3.7	0.0	77.8	155.5	223.6
		TOTALS	4562	142	445	1083	2667	23.9	2.9	100.3	1011.5	1405.0

ROADWAY SCHEDULE															
LOCATION			44300200	48101600	63000001		63100169		63301000		63301990		20001050		
			STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDER, TYPE B, 8"	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED		REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A		REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1		AGGREGATE SUBGRADE, 12"			
			(FT)	(SQ YD)	(FT)		(EACH)		(FT)		(EACH)		(SQ YD)		
			STATION	TO	STATION		LT	RT	LT	RT	LT	RT	LT	RT	
ILLINOIS 71															
		661+00		666+00	0	29	0.0	0.0	0	0	0.0	0.0	0.0	0.0	IN-FIELD
		666+00		671+00	381	0	312.5	287.5	2	2	200.0	0.0	2.0	0.0	IN-FIELD
		671+00		674+00	379	4	0.0	0.0	0	0	0.0	0.0	0.0	0.0	IN-FIELD
		674+00		680+00	472	349	0.0	0.0	0	0	0.0	0.0	0.0	0.0	IN-FIELD
		680+00		684+00	0	67	0.0	0.0	0	0	0.0	0.0	0.0	0.0	IN-FIELD
VAN EMMON															
		50+00		56+00	288	0	0.0	0.0	0	0	0.0	0.0	0.0	0.0	IN-FIELD
		56+00		60+00	650	0	0.0	0.0	0	0	0.0	0.0	0.0	0.0	IN-FIELD
				TOTALS	2170	449	312.5	287.5	2	2	200.0	0.0	2.0	0.0	3000

REMOVAL SCHEDULE												
			40600982	44004000		44004250		50105220		X4401198	Z0013300	
LOCATION			HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVED DITCH REMOVAL		PAVED SHOULDER REMOVAL		PIPE CULVERT REMOVAL		HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH	CONCRETE REMOVAL (SPECIAL)	
			(SQ YD)	(FT)		(SQ YD)		(FT)		(SQ YD)	(SQ YD)	
STATION	TO	STATION		LT	RT	LT	RT	LT	RT		LT	RT
ILLINOIS 71												
661+00		666+00	165	0	0	37	0	41	0	0	0	0
666+00		671+00	0	0	95	21	47	44	0	0	0	0
671+00		674+00	193	0	0	102	0	0	0	107	0	0
674+00		680+00	48	0	0	274	0	25	0	99	0	0
680+00		684+00	203	0	0	0	0	0	0	34	0	0
VAN EMMON												
50+00		56+00	146	0	0	67	350	0	0	0	5	0
56+00		60+00	0	0	0	210	472	27	30	0	0	0
		TOTALS	755	0	95	712	869	137	30	240	5	0

DRAINAGE PIPE SCHEDULE										20800150	542A0223	542D5470	60100945	60615910
UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				STORM SEWER PIPE NAME	TRENCH BACKFILL (CU YD)	PIPE CULVERT, Class A	PIPE CULVERT, Class D	PIPE DRAIN	PAVED DITCH	
Name	Location			Name	Location					TYPE 1	TYPE 1	PVC	TYPE A-22	
	STA.	Offset (ft)	LT/RT		STA.	Offset (ft)	LT/RT			15" EQRS	15" EQRS	12"		
A2	664+98.5	29.0	LT	A1	665+30.5	29.0	LT	A2	1.2		28			
B2	666+85.3	42.6	LT	B1	667+50.0	48.5	LT	B2	7.0		61			
C2	678+23.4	38.0	LT	C1	667+85.8	38.0	LT	C2	1.2		34			
D2	58+41.5	28.5	RT	D1	58+05.5	28.5	RT	D2	1.7		32			
E2	58+18.0	37.5	LT	E1	57+82.0	37.5	LT	E2	3.3		32			
EX PIPE	669+84.7	38.8	RT	F1	669+63.6	45.4	RT	F1	0.0	16				
F1	669+63.6	45.4	RT	EX DITCH	668+83.2	46.4	RT	PAVED DITCH	0.0				80	
EX PIPE	668+50.0	25.0	LT	G1	668+50.0	36.0	LT	G1	0.0			5		
							TOTALS		14	16	187	5	80	

DRAINAGE STRUCTURES SCHEDULE							
NAME	LOCATION			END SECTIONS	END SECTIONS	END SECTIONS	FRAMES AND LIDS TO BE ADJUSTED
	STA.	OFFSET (Ft)	LT/RT	12"	18"	15" EQRS	
				54213447	54213453	54214290	60300305
A1	665+30.5	29.0	LT			1	
A2	664+98.5	29.0	LT			1	
B1	667+50.0	48.5	LT			1	
B2	666+85.3	42.6	LT			1	
C1	667+85.8	38.0	LT			1	
C2	678+23.4	38.0	LT			1	
D1	58+05.5	28.5	RT			1	
D2	58+41.5	28.5	RT			1	
E1	57+82.0	37.5	LT			1	
E2	58+18.0	37.5	LT			1	
F1	669+63.6	45.4	RT		1		
G1	668+50.0	36.0	LT	1			
EX. MH	672+40.5	17.0	RT				1
Totals:				1	1	10	1

FILE NAME :	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SCHEDULES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	20
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - RS	REVISED -		CONTRACT NO. 66955							
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	ILLINOIS FED. AID PROJECT			

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PERMANENT PAVEMENT MARKING SCHEDULE

LOCATION			78000200	78000400	78000500	78000600	78004200	78004280	78100100			78300100	78300200
			THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER			PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION	TO	STATION	(FT)	(FT)	(FT)	(FT)	(SQ FT)	(FT)	ONE-WAY AMBER (EACH)	ONE-WAY CRYSTAL (EACH)	TWO-WAY AMBER (EACH)	(SQ FT)	(EACH)
ILLINOIS 71													
661+00		666+00	1251	104	0	0	0	0	0	0	6	556	5
666+00		671+00	2502	42	40	65	0	0	16	0	8	748	6
671+00		674+00	1184	0	294	22	94	109	0	9	16	741	2
674+00		680+00	3355	0	263	45	47	0	26	2	4	836	8
680+00		684+00	1503	0	23	0	0	0	2	0	10	488	5
VAN EMMON													
50+00		56+00	2043	0	0	6	0	0	6	0	10	800	0
56+00		60+00	2182	0	146	34	16	0	14	4	8	533	0
TOTALS			14020	146	765	172	156	109	64	15	62	4,703	26

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION			70300100	70300210	70300220	70300250	70300280	70301000
			SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE, 4"	TEMPORARY PAVEMENT MARKING - LINE, 8"	TEMPORARY PAVEMENT MARKING - LINE, 24"	WORK ZONE PAVEMENT MARKING REMOVAL
STATION	TO	STATION	(FT)	(SQ FT)	(FT)	(FT)	(FT)	(SQ FT)
ILLINOIS 71								
661+00		666+00	183	0	1668	0	0	617
666+00		671+00	222	0	2000	18	0	753
671+00		674+00	172	62	1336	216	14	737
674+00		680+00	278	16	2403	126	0	994
680+00		684+00	161	0	1468	0	0	543
VAN EMMON								
50+00		56+00	198	0	1801	0	0	666
56+00		60+00	190	0	1725	0	0	638
TOTALS			1,405	78	12,401	361	14	4,949

PERMANENT SIGNING SCHEDULE

LOCATION			72000100			72000200			73000100
			SIGN PANELS, TYPE 1			SIGN PANELS, TYPE 2			WOOD SIGN SUPPORT
			R2-1	R2-1	TRAFFIC SIGNAL MAST ARM	W14-3	TRAFFIC SIGNAL MAST ARM	TRAFFIC SIGNAL MAST ARM	(FT)
			30" x 36" SPEED LIMIT 50	30" x 36" SPEED LIMIT 55	5' x 1.5' ILLINOIS 71	48" x 60" NO PASSING ZONE	5.5' x 2.5' VAN EMMON ROAD	6.5' x 2.5' RESERVATION ROAD	
*	661+83	LT				20			28
*	661+83	LT		7.5					
	661+83	RT	7.5						13
	663+66	LT	7.5						13
	663+66	RT		7.5					13
**	672+18	LT					27.5		
	672+59	RT			7.5				
	673+28	LT			7.5				
**	673+48	RT						32.5	
Totals:			15	15	15	20	27.5	32.5	67
* SHARED SIGN SUPPORT									
** TWO SIGNS REQUIRED, TOTAL SF SHOWN									

FILE NAME =	USER NAME = .USER..	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SCHEDULES

SCALE: N.T.S.

SHEET NO. OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	21
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

CURVE C1
 PI STA. = 687+75.69
 $\Delta = 27^\circ 08' 43''$ (RT)
 $D = 1^\circ 23' 59''$
 $R = 4,093.50'$
 $T = 988.25'$
 $L = 1,939.39'$
 $E = 117.60'$
 $S.E. = 2.3\%$
 P.C. STA. = 677+87.43
 P.T. STA. = 697+26.83

CURVE C2
 PI STA. = 53+13.81
 $\Delta = 1^\circ 27' 00''$ (IT)
 $D = 0^\circ 10' 29''$
 $R = 32,768.28$
 $T = 414.66'$
 $L = 829.25'$
 $E = 2.62'$
 $S.E. = CROWN$
 P.C. STA. = 48+99.15
 P.T. STA. = 57+28.43

CONTROL POINT #100

SET PK NAIL IN ASPHALT SHOULDER
 OF VAN EMMON ROAD (SOUTH SIDE)
 STA. 52+29.15, 13.40' RT
 ELEVATION 620.48

CONTROL POINT #101

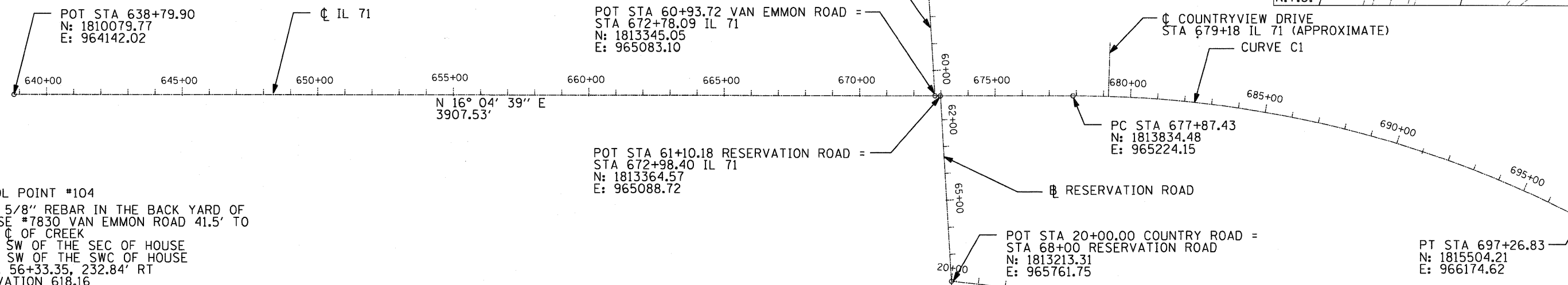
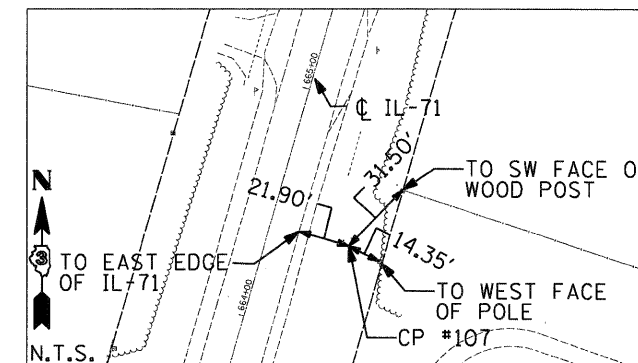
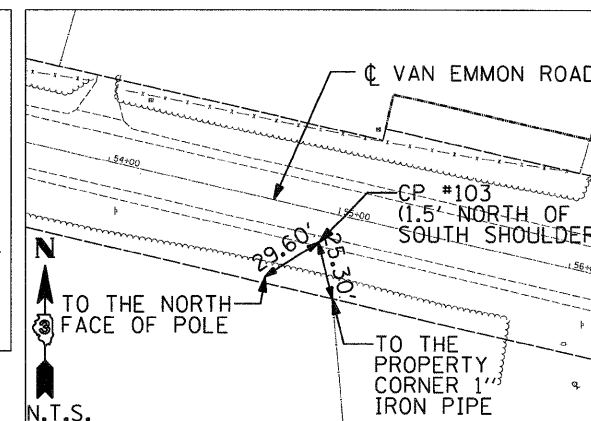
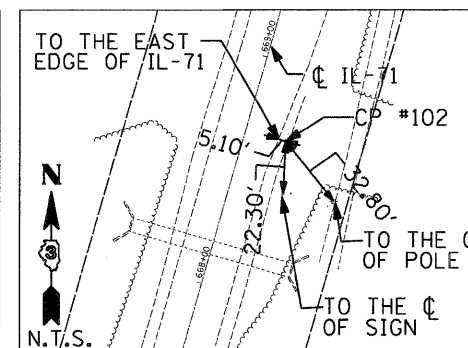
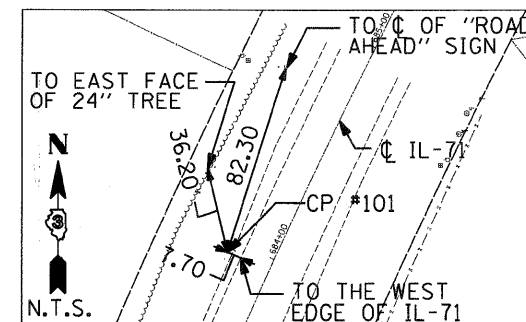
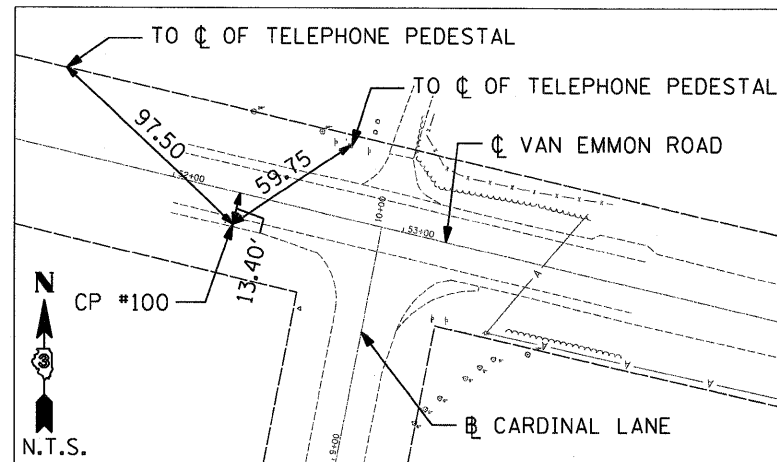
SET 5/8" REBAR WITH YELLOW G.A.S.
 CAP ON THE WEST SIDE OF IL-71
 STA. 683+94.52, 19.23' RT
 ELEVATION 634.73

CONTROL POINT #102

SET 5/8" REBAR IN GRAVEL SHOULDER
 STA. 668+67.38, 17.60' RT
 ELEVATION 635.29

CONTROL POINT #103

SET PK NAIL IN ASPHALT SHOULDER
 ON SOUTH SIDE OF VAN EMMON ROAD
 STA. 54+94.28, 13.36' RT
 ELEVATION 628.05



CONTROL POINT #104

SET 5/8" REBAR IN THE BACK YARD OF
 HOUSE #7830 VAN EMMON ROAD 41.5' TO
 THE ϕ OF CREEK
 135' SW OF THE SEC OF HOUSE
 106' SW OF THE SWC OF HOUSE
 STA. 56+33.35, 232.84' RT
 ELEVATION 618.16

CONTROL POINT #105

SET 5/8" REBAR IN FARMERS FIELD ON
 THE EAST SIDE OF IL 71
 12' TO THE ϕ OF CREEK
 106' EAST OF WEST EDGE OF PAVEMENT
 STA. 667+49.37, 118.70' RT
 ELEVATION 627.02

CONTROL POINT #106

SET PK NAIL IN ASPHALT SHOULDER ON SOUTH
 SIDE OF MADELINE ROAD
 1.00' EAST OF THE EDGE OF PAVEMENT
 9.00' EAST OF THE ϕ OF SIGN
 94.60' NORTH OF THE NORTH FACE OF LIGHT POLE
 STA. 656+18.52, 855.29' RT
 ELEVATION 642.85

CONTROL POINT #107

SET 5/8" REBAR WITH YELLOW G.A.S. CAP ON
 THE EAST SIDE OF IL 71
 STA. 664+40.69, 34.55' RT
 ELEVATION 637.26

BENCHMARK #9000

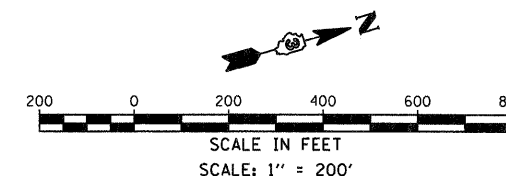
CHISELED SQUARE IN TOP NORTHWEST CORNER
 HEADWALL OF 6' x 6' BOX CULVERT ALONG IL 71.
 STA 668+19.41, 35.37' RT
 ELEVATION 629.86

BENCHMARK #9001

RAILROAD SPIKE IN POWER POLE WITH LIGHT. SOUTHEAST
 CORNER OF THE INTERSECTION OF IL 71 AND RESERVATION ROAD.
 STA 672+57.24, 37.08' RT
 ELEVATION 642.52

BENCHMARK #9002

RAILROAD SPIKE IN POWER POLE.
 STA 675+55.94, 44.92' RT
 ELEVATION 644.54



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
 ALIGNMENTS, TIES, & BENCHMARKS

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
		CHECKED - RS	REVISED -
		DATE - 03/31/2011	REVISED -

SCALE: 1" = 50 FT SHEET NO. OF SHEETS

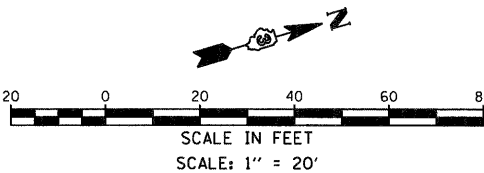
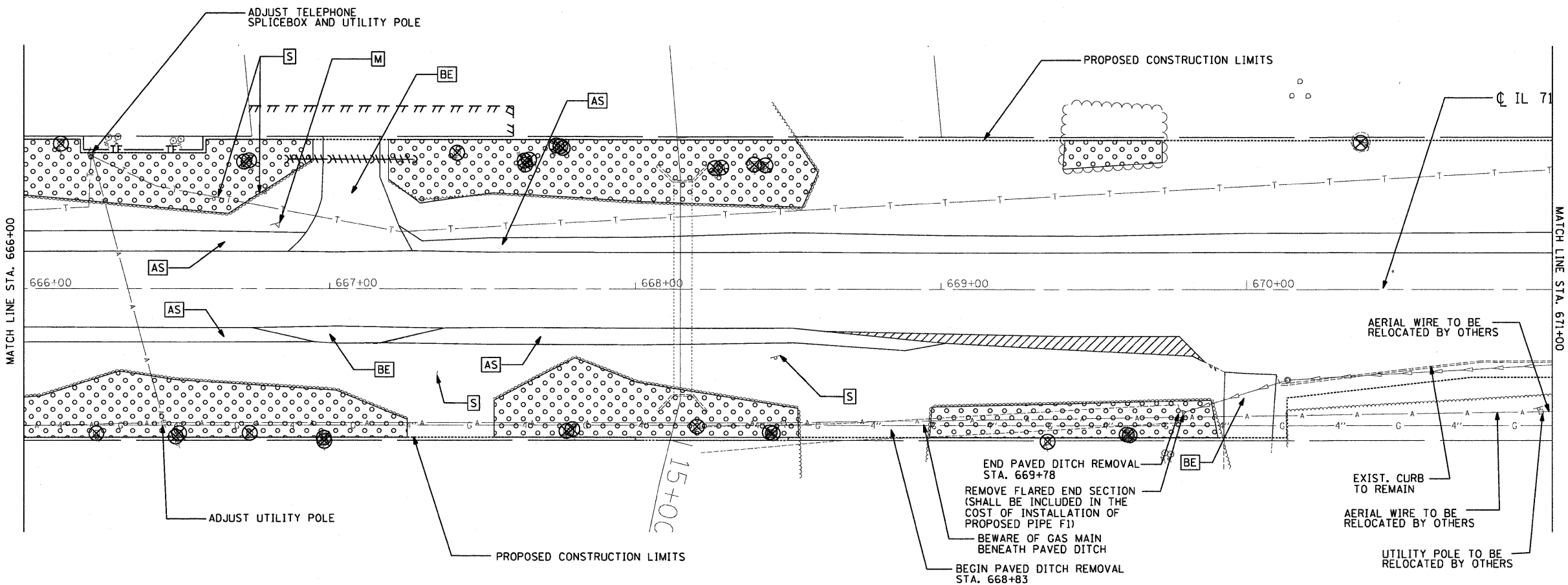
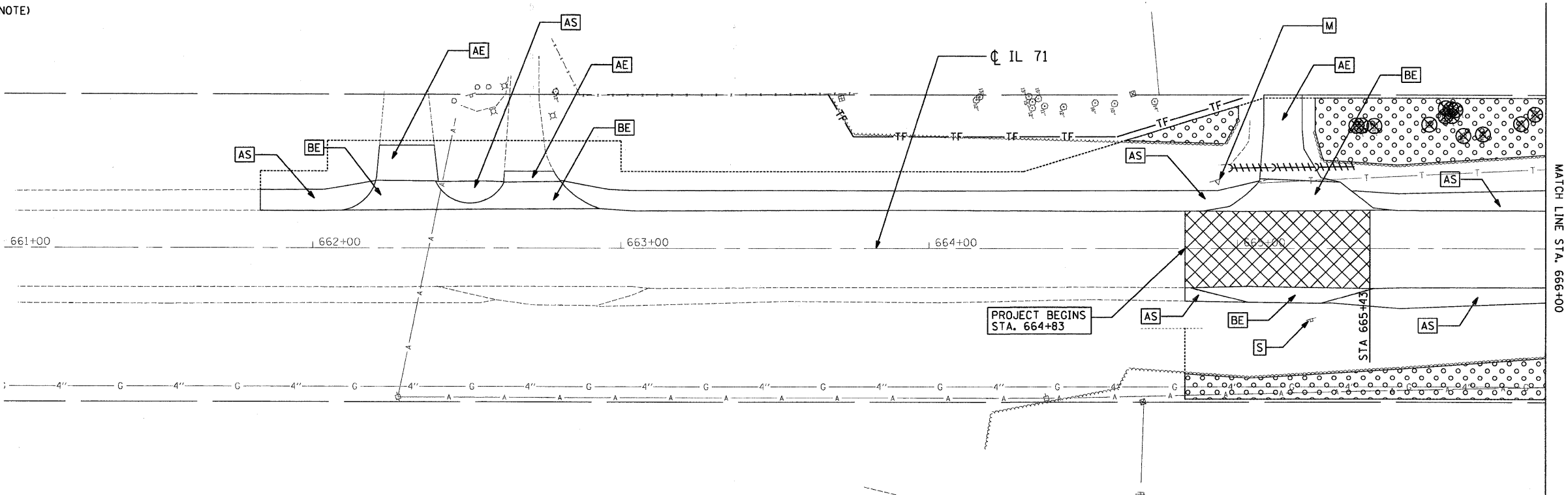
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1)-IN TS	KENDALL	92	22
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HOT MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- HOT MIX ASPHALT SHOULDER REMOVAL (SEE NOTE)
- CLEARING AND GRUBBING
- FENCE REMOVAL
- STORM SEWER/CULVERT REMOVAL
- TREE, STUMP, OR SHRUB REMOVAL
- TF - TEMPORARY TREE PROTECTION FENCE
- BE - HOT MIX ASPHALT ENTRANCE REMOVAL
- AS - AGGREGATE SHOULDER REMOVAL
- AE - AGGREGATE ENTRANCE REMOVAL
- M - MAILBOX TO BE RELOCATED (INCIDENTAL)
- S - SIGN TO BE RELOCATED (INCIDENTAL)

NOTES:

1. EXCESS TEMPORARY PAVEMENT REMOVAL NOT SHOWN. SEE GENERAL NOTES. SEE STAGING AND ROADWAY PLANS FOR LIMITS.



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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
		CHECKED - RS	REVISED -
		DATE - 03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
REMOVAL PLAN

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 661+00 TO STA. 671+00

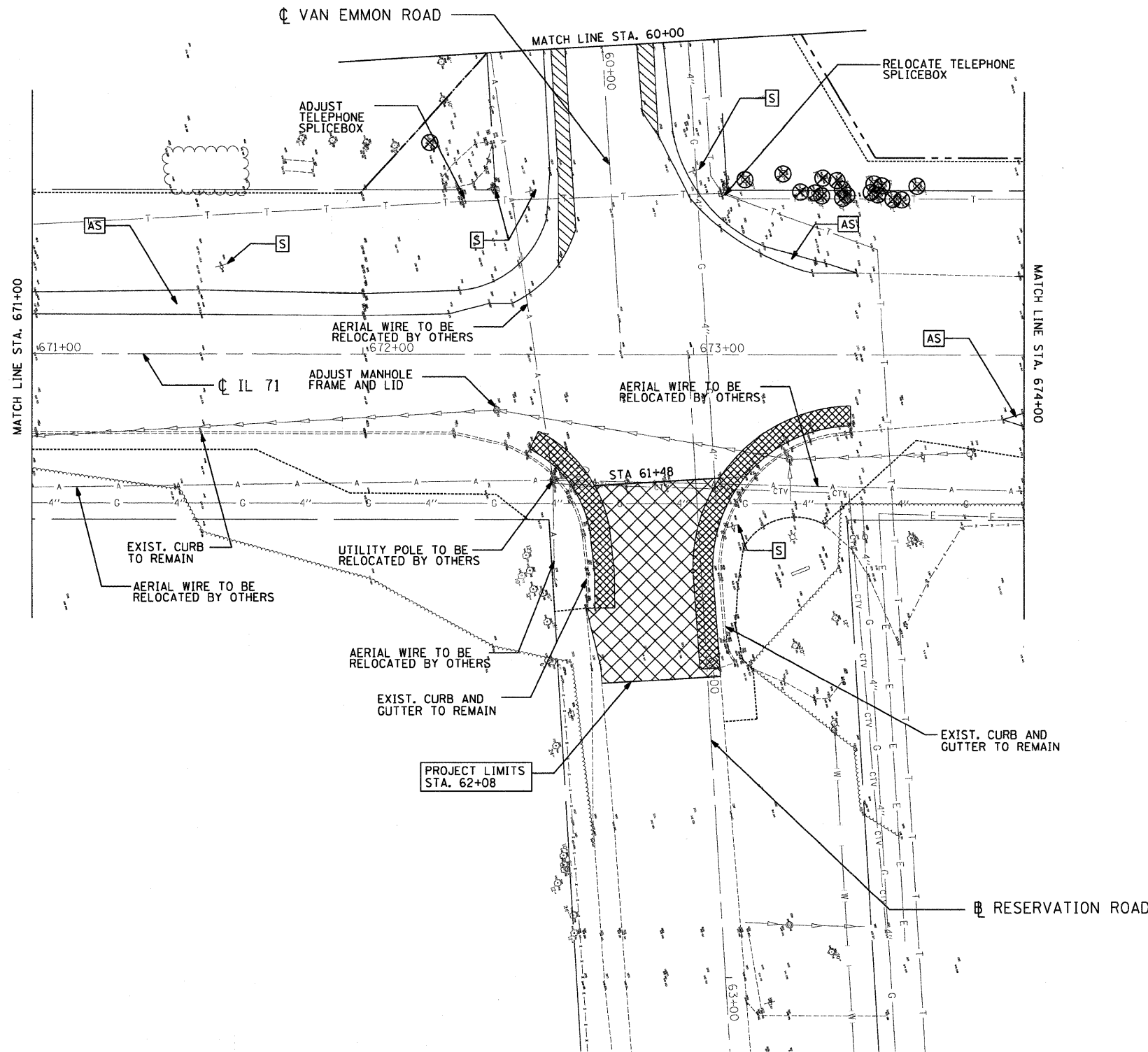
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	01-IN TS	KENDALL	92	23
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- HOT MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- HOT MIX ASPHALT SHOULDER REMOVAL (SEE NOTE)
- CLEARING AND GRUBBING
- FENCE REMOVAL
- STORM SEWER/CULVERT REMOVAL
- TREE, STUMP, OR SHRUB REMOVAL
- TF - TEMPORARY TREE PROTECTION FENCE
- BE - HOT MIX ASPHALT ENTRANCE REMOVAL
- AS - AGGREGATE SHOULDER REMOVAL
- AE - AGGREGATE ENTRANCE REMOVAL
- M - MAILBOX TO BE RELOCATED (INCIDENTAL)
- S - SIGN TO BE RELOCATED (INCIDENTAL)

NOTES:

1. EXCESS TEMPORARY PAVEMENT REMOVAL NOT SHOWN. SEE GENERAL NOTES. SEE STAGING AND ROADWAY PLANS FOR LIMITS.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

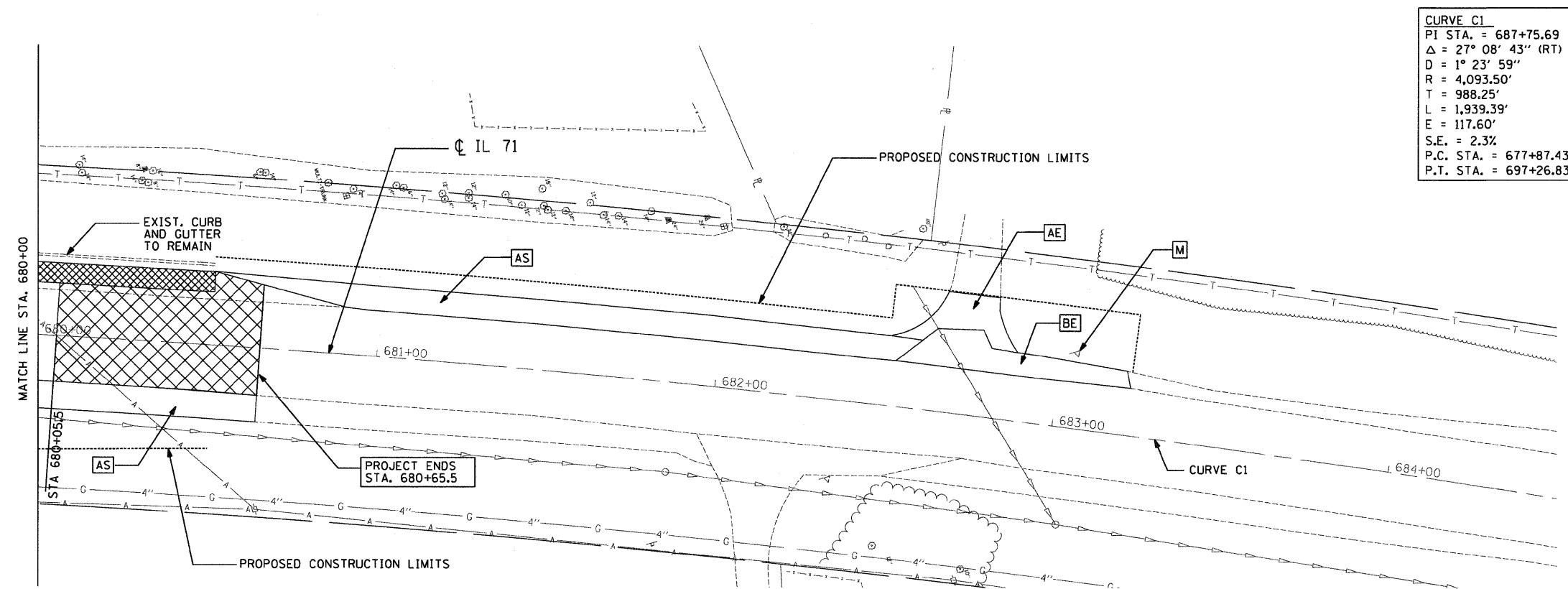
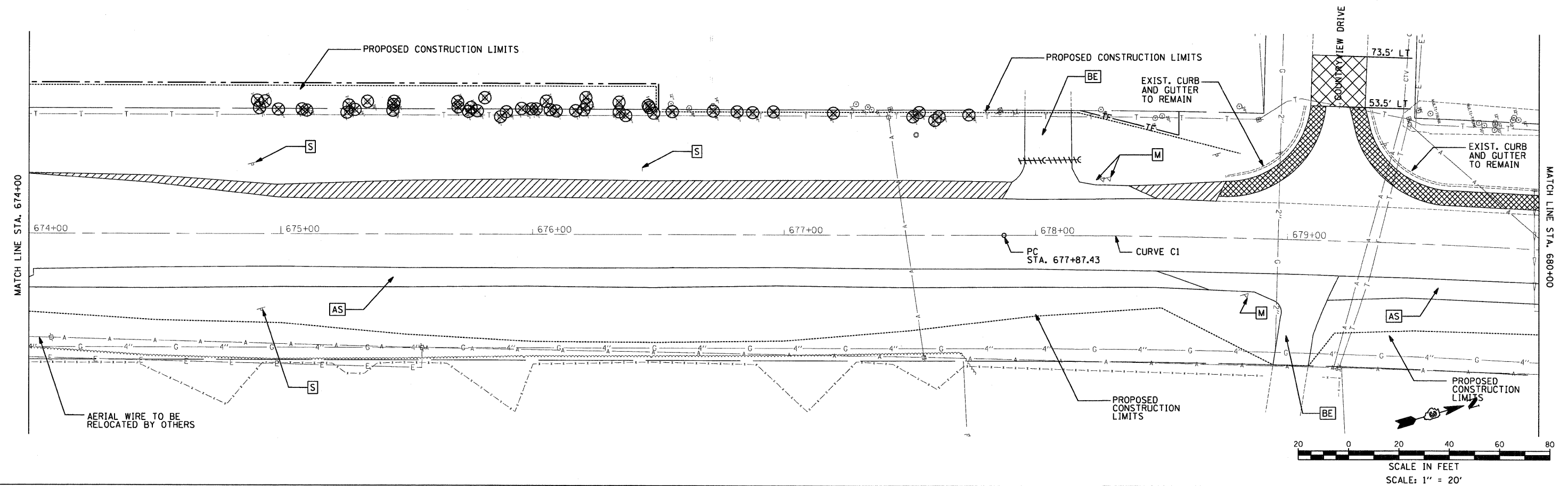
FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
REMOVAL PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	24
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
		CHECKED - RS	REVISED -
		DATE - 03/31/2011	REVISED -
PLOT SCALE = 20,0000' / IN.			
PLOT DATE = 3/31/2011			

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 671+00 TO STA. 674+00

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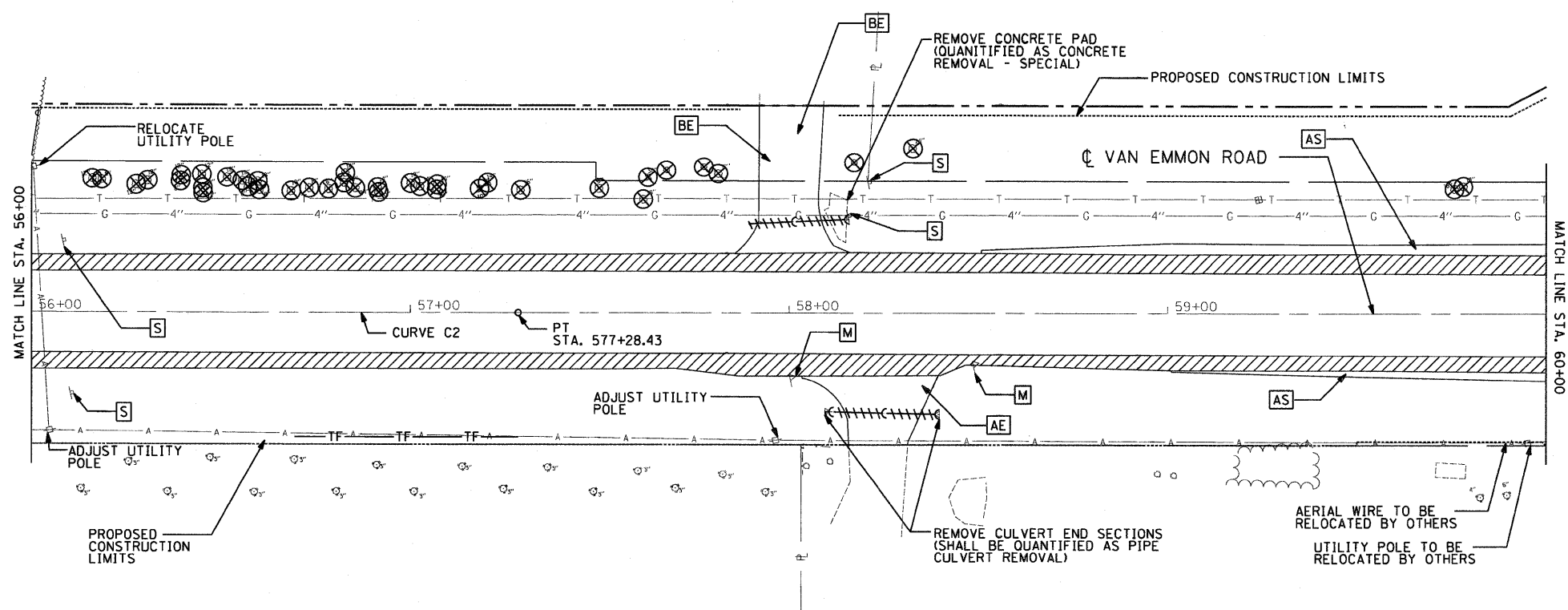
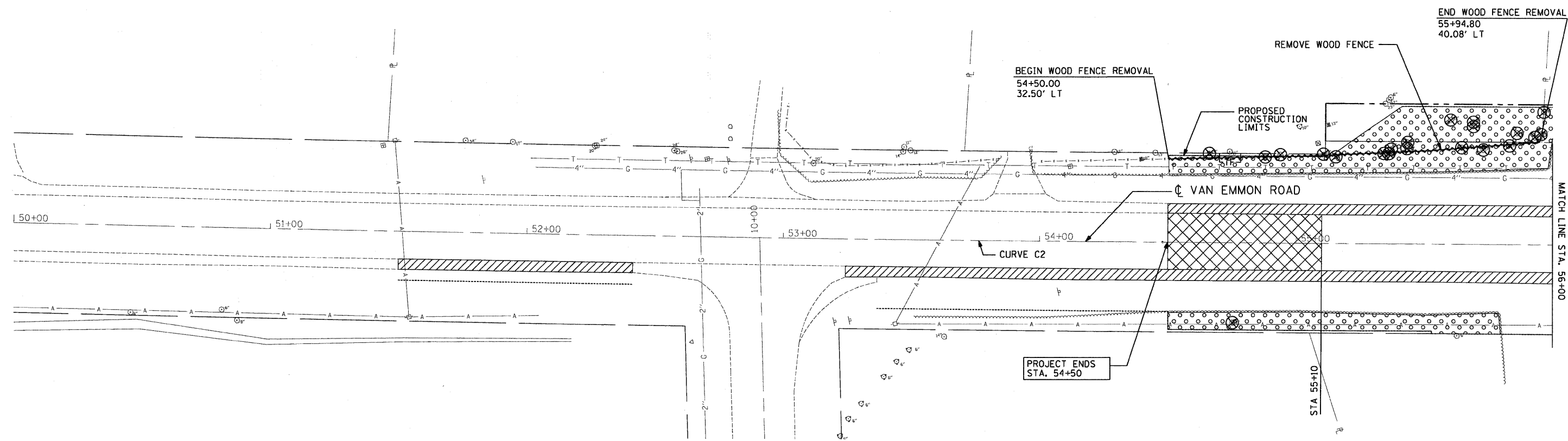
CURVE C1
 PI STA. = 687+75.69
 $\Delta = 27^\circ 08' 43''$ (RT)
 $D = 1^\circ 23' 59''$
 $R = 4,093.50'$
 $T = 988.25'$
 $L = 1,939.39'$
 $E = 117.60'$
 $S.E. = 2.3\%$
 $P.C. STA. = 677+87.43$
 $P.T. STA. = 697+26.83$

REMOVAL LEGEND

-  - HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  - HOT MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
-  - HOT MIX ASPHALT SHOULDER REMOVAL (SEE NOTE)
-  - CLEARING AND GRUBBING
-  - FENCE REMOVAL
-  - STORM SEWER/CULVERT REMOVAL
-  - TREE, STUMP, OR SHRUB REMOVAL
- TF— - TEMPORARY TREE PROTECTION FENCE
-  - HOT MIX ASPHALT ENTRANCE REMOVAL
-  - AGGREGATE SHOULDER REMOVAL
-  - AGGREGATE ENTRANCE REMOVAL
-  - MAILBOX TO BE RELOCATED (INCIDENTAL)
-  - SIGN TO BE RELOCATED (INCIDENTAL)

NOTES:

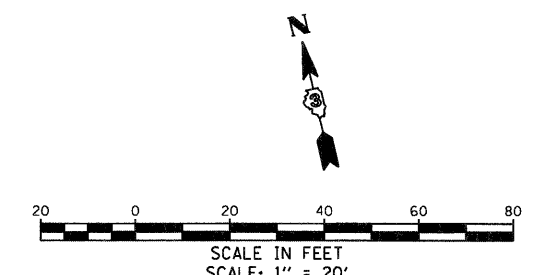
1. EXCESS TEMPORARY PAVEMENT REMOVAL NOT SHOWN. SEE GENERAL NOTES. SEE STAGING AND ROADWAY PLANS FOR LIMITS.



CURVE C2
 PI STA. = 53+13.81
 $\Delta = 1^\circ 27' 00''$ (IT)
 $D = 0^\circ 10' 29''$
 $R = 32,768.28$
 $T = 414.66'$
 $L = 829.25'$
 $E = 2.62'$
 S.E. = CROWN
 P.C. STA. = 48+99.15
 P.T. STA. = 57+28.43

- REMOVAL LEGEND**
- HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - HOT MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - HOT MIX ASPHALT SHOULDER REMOVAL (SEE NOTE)
 - CLEARING AND GRUBBING
 - FENCE REMOVAL
 - STORM SEWER/CULVERT REMOVAL
 - TREE, STUMP, OR SHRUB REMOVAL
 - TEMPORARY TREE PROTECTION FENCE
 - HOT MIX ASPHALT ENTRANCE REMOVAL
 - AGGREGATE SHOULDER REMOVAL
 - AGGREGATE ENTRANCE REMOVAL
 - MAILBOX TO BE RELOCATED (INCIDENTAL)
 - SIGN TO BE RELOCATED (INCIDENTAL)

NOTES:
 1. EXCESS TEMPORARY PAVEMENT REMOVAL NOT SHOWN. SEE GENERAL NOTES. SEE STAGING AND ROADWAY PLANS FOR LIMITS.



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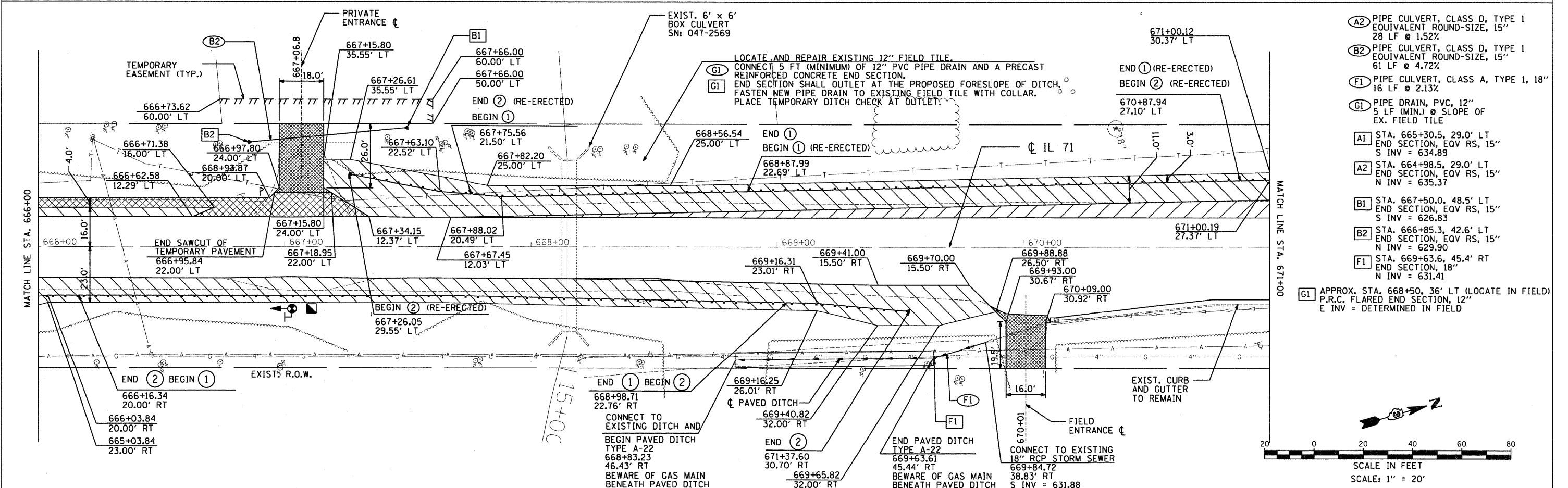
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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: 1" = 20 FT		SHEET NO. -- OF -- SHEETS	STA. 50+00 TO STA. 60+00	ILLINOIS FED. AID PROJECT			

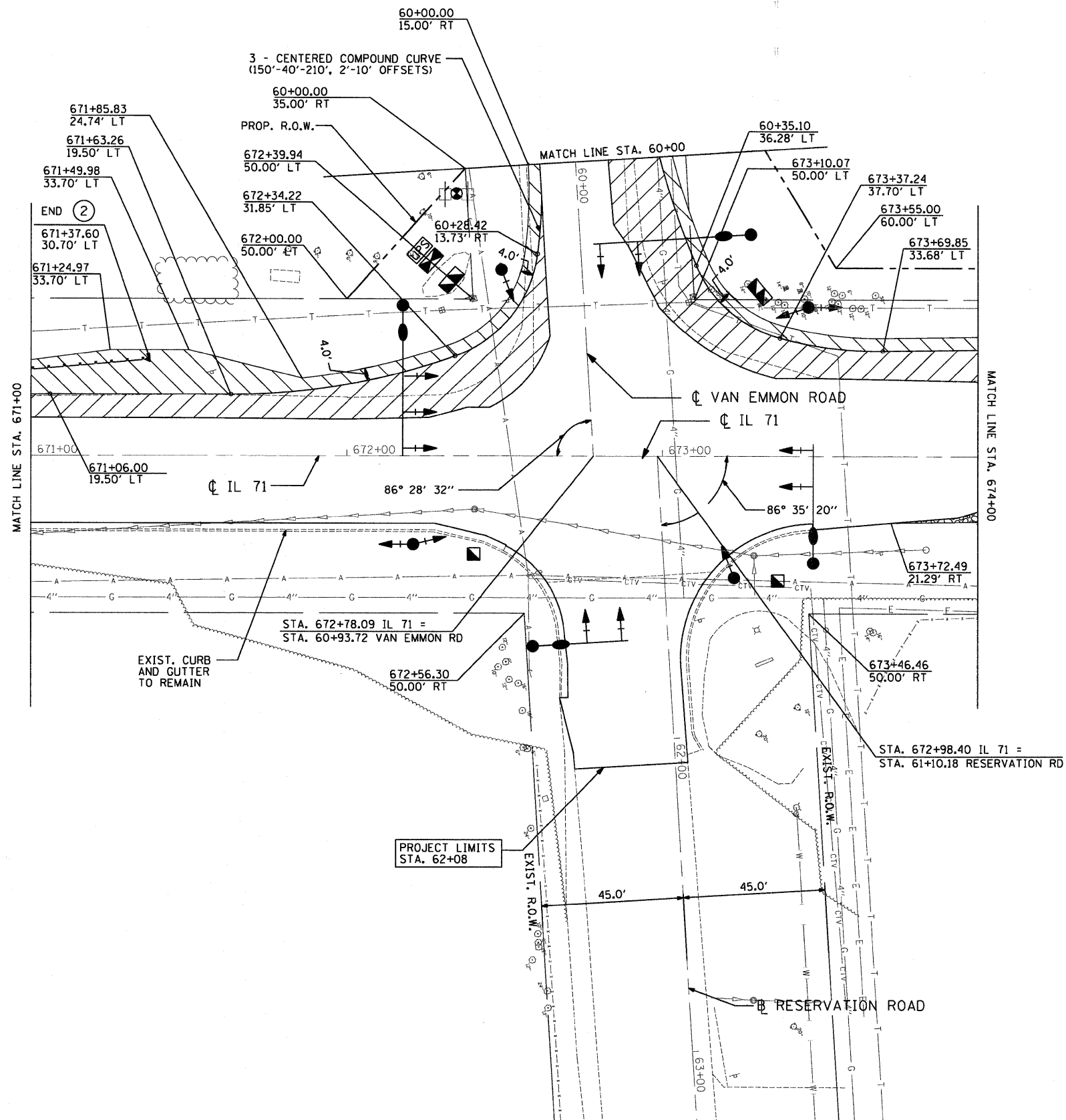
	PAVEMENT RESURFACING HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
	PAVEMENT WIDENING HMA SURFACE COURSE, MIX "D", N70; 1-1/2" HMA BASE COURSE WIDENING; 11-1/2" SUB-BASE GRANULAR MATERIAL TYPE A; 6"
	HOT-MIX ASPHALT SHOULDERS HMA SURFACE COURSE, MIX "D", N70; 1-1/2" HMA BINDER COURSE, IL-19.0, N70; 6-1/2" SUB-BASE GRANULAR MATERIAL, TYPE C (SEE GENERAL NOTES) SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
	TEMPORARY PAVEMENT HMA SURFACE COURSE, MIX "D", N70; 1-1/2" HMA BINDER COURSE, IL-19.0, N70; 8"
	PAVED ENTRANCE AND MAILBOX TURNOUT HMA SURFACE COURSE, MIX "D", N70; 2" SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
	AGGREGATE SHOULDER / ENTRANCE, TYPE B; 8"

- (1) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT-POSTS
(2) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

1. TEMPORARY PAVEMENT SOUTH OF STA. 664+83 SHALL NOT INCLUDE HMA SURFACE COURSE.
2. TEMPORARY STEEL PLATE BEAM GUARDRAIL AND TEMPORARY TRAFFIC BARRIER TERMINALS DETAILED ON STAGING PLANS WILL BE REMOVED PRIOR TO PLACEMENT OF FINAL HMA SURFACE COURSE. REMOVED GUARDRAIL AND TERMINALS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS FOLLOWING THE PLACEMENT OF FINAL HMA SURFACE COURSE AS DETAILED ON THIS SHEET.



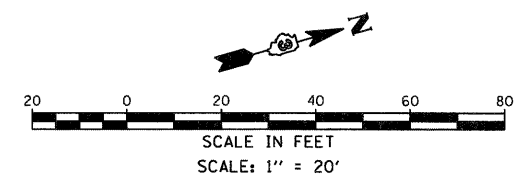
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	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -		SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 661+00 TO STA. 671+00			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					CONTRACT NO. 66955				



IL-71 STANDARD SECTIONS:

- PAVEMENT RESURFACING
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
- PAVEMENT WIDENING
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
HMA BASE COURSE WIDENING; 11-1/2"
SUB-BASE GRANULAR MATERIAL TYPE A; 6"
- HOT-MIX ASPHALT SHOULDERS
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
SUB-BASE GRANULAR MATERIAL, TYPE C (SEE GENERAL NOTES)
SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- TEMPORARY PAVEMENT
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
HMA BINDER COURSE, IL-19.0, N70; 8"
- PAVED ENTRANCE AND MAILBOX TURNOUT
HMA SURFACE COURSE, MIX "D", N70; 2"
SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- AGGREGATE SHOULDER / ENTRANCE, TYPE B; 8"

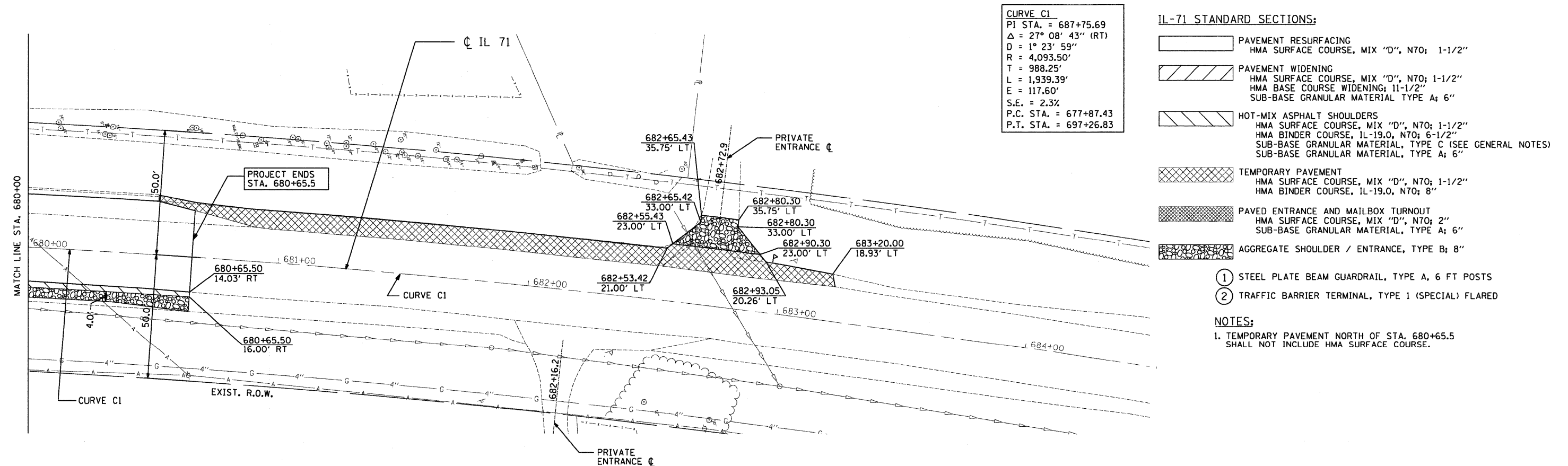
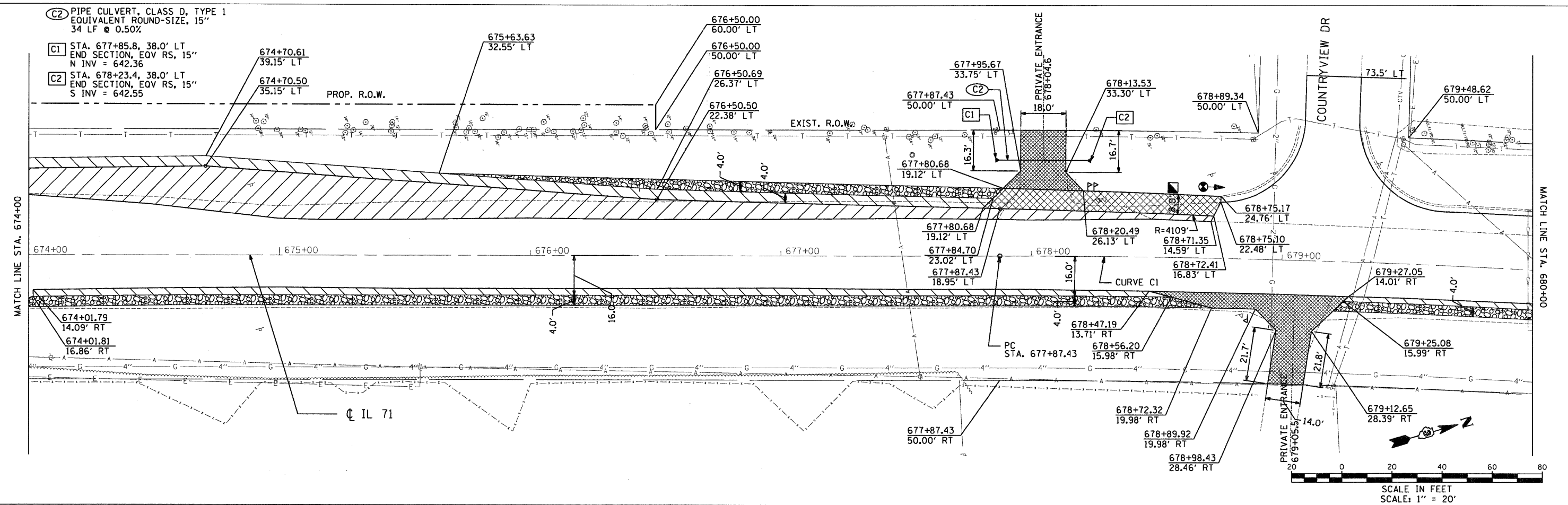
- ① STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS
- ② TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED



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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20 FT		SHEET NO. -- OF -- SHEETS		STA. 671+00 TO STA. 674+00				

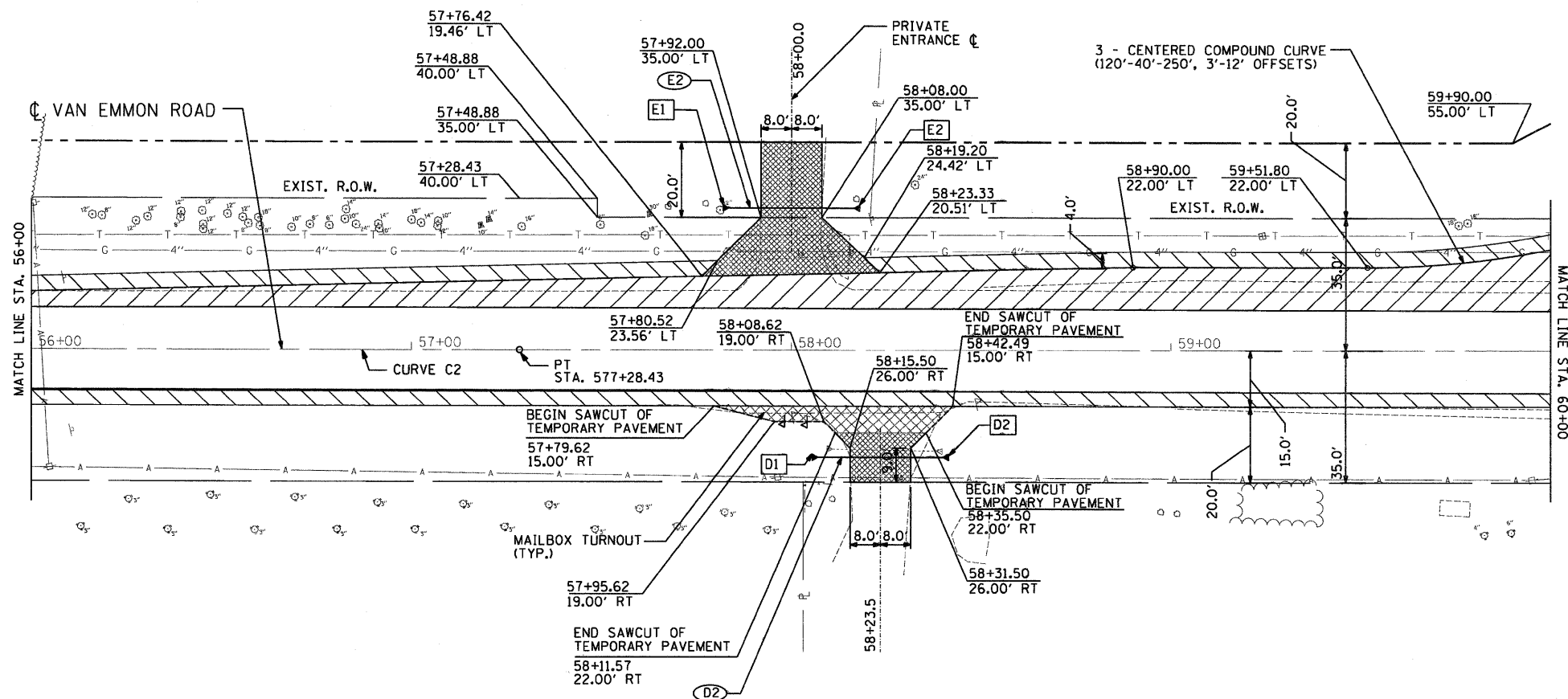
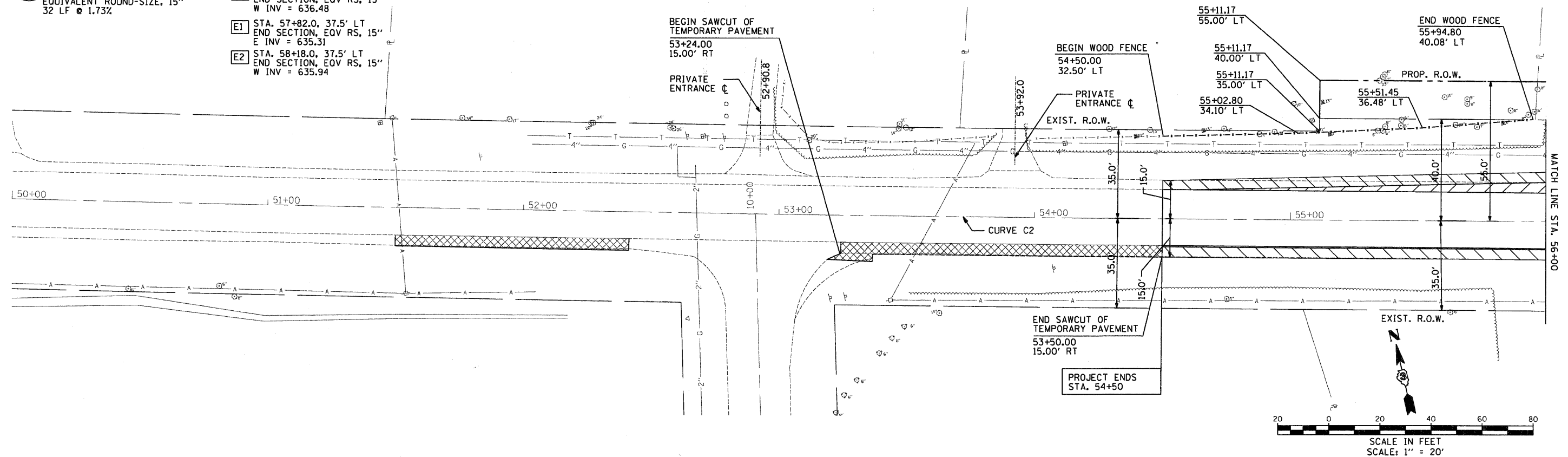
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		CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				

- (D2) PIPE CULVERT, CLASS D, TYPE 1
EQUIVALENT ROUND-SIZE, 15"
32 LF @ 1.36%
- (E2) PIPE CULVERT, CLASS D, TYPE 1
EQUIVALENT ROUND-SIZE, 15"
32 LF @ 1.73%

- (D1) STA. 58+05.5, 28.5' RT
END SECTION, EOV RS, 15"
E INV = 635.99
- (D2) STA. 58+41.5, 28.5' RT
END SECTION, EOV RS, 15"
W INV = 636.48
- (E1) STA. 57+82.0, 37.5' LT
END SECTION, EOV RS, 15"
E INV = 635.31
- (E2) STA. 58+18.0, 37.5' LT
END SECTION, EOV RS, 15"
W INV = 635.94



VAN EMMON ROAD STANDARD SECTIONS:

- PAVEMENT RESURFACING
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
LEVELING BINDER (MACHINE METHOD), N70; 3/4" MIN.
- PAVEMENT WIDENING
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
LEVELING BINDER (MACHINE METHOD), N70; 3/4" MIN.
HMA BASE COURSE WIDENING, 9"
SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- HOT-MIX ASPHALT SHOULDERS
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
LEVELING BINDER (MACHINE METHOD), N70; 3/4" MIN.
HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
SUB-BASE GRANULAR MATERIAL, TYPE C (SEE GENERAL NOTES)
SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- TEMPORARY PAVEMENT
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
HMA BINDER COURSE, IL-19.0, N70; 8"
- PAVED ENTRANCE AND MAILBOX TURNOUT
HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
LEVELING BINDER (MACHINE METHOD), N70; 3/4" MIN.
SUB-BASE GRANULAR MATERIAL, TYPE A; 6"

NOTES:

1. TEMPORARY PAVEMENT WEST OF STA. 54+50
SHALL NOT INCLUDE HMA SURFACE COURSE.

CURVE C2

PI STA. = 53+13.81
 Δ = 1° 27' 00" (IT)
D = 0° 10' 29"
R = 32,768.28
T = 414.66'
L = 829.25'
E = 2.62'
S.E. = CROWN
P.C. STA. = 48+99.15
P.T. STA. = 57+28.43

FILE NAME =

USER NAME = USER.

DESIGNED - JWB

REVISED -

PLOT SCALE = 20.0000' / IN.

CHECKED - RS

REVISED -

PLOT DATE = 3/31/2011

DATE - 03/31/2011

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
ROADWAY PLAN

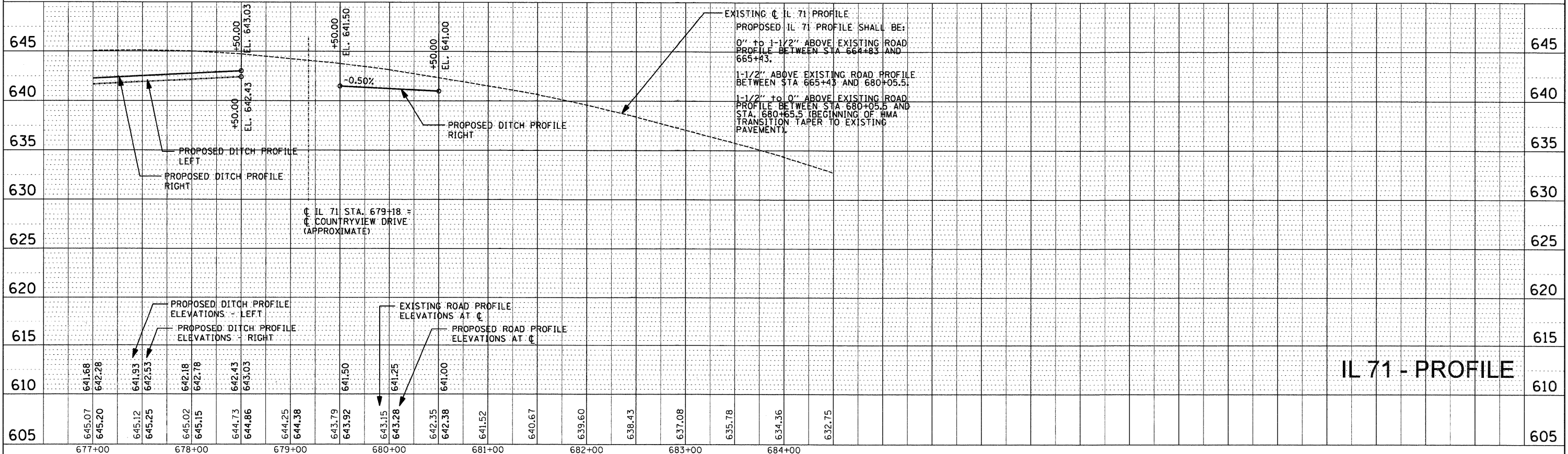
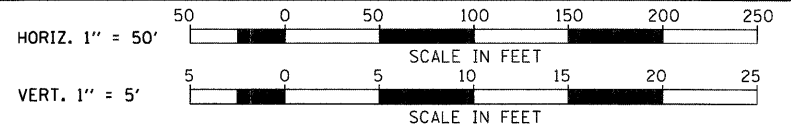
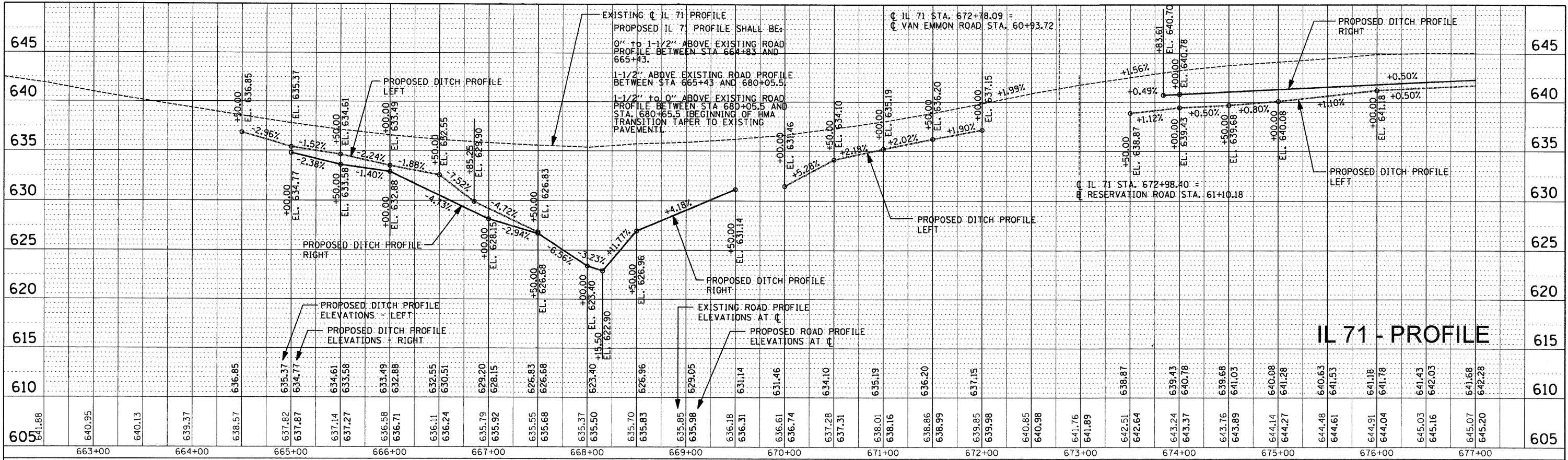
SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 50+00 TO STA. 60+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1N TS	KENDALL	92	30
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
	CHECKED		
	NO.		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES		
	CHECKED		
	NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
PROFILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	31
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: H=50', V=5' SHEET NO. --- OF --- SHEETS STA. 663+00 TO STA. 684+00

PLAN

SURVEYED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NO. _____

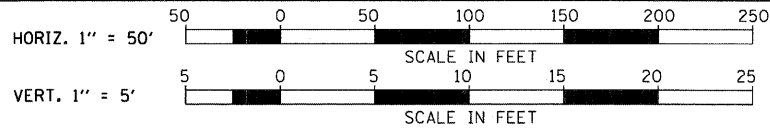
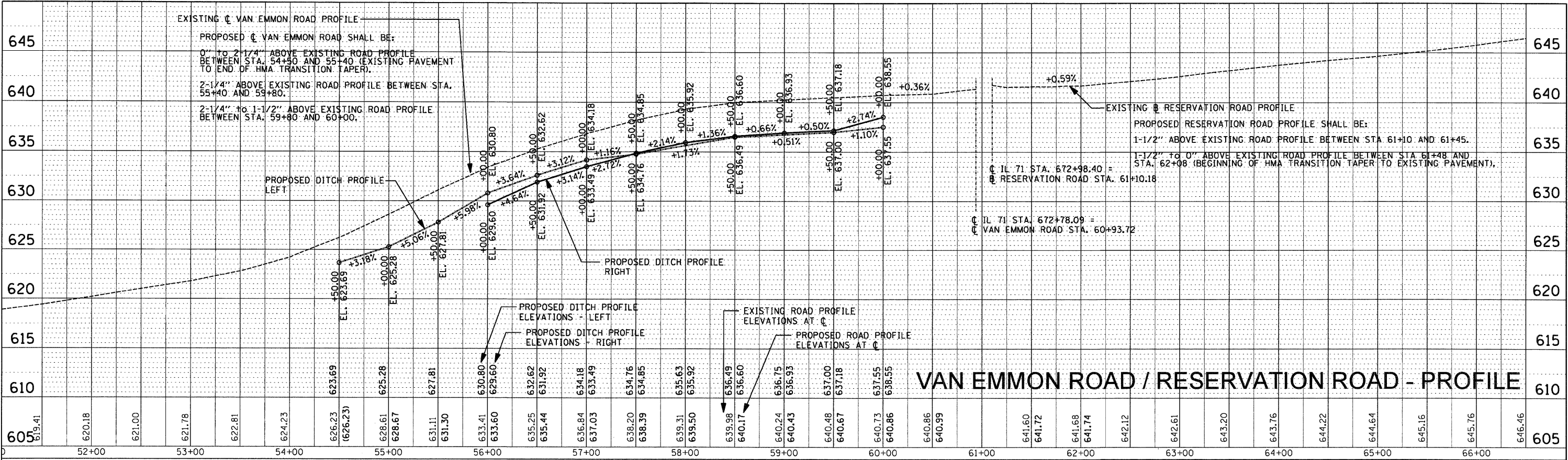
BY _____
DATE _____

PROFILE

SURVEYED
GRADES CHECKED
E.M. NOTED
NO. _____

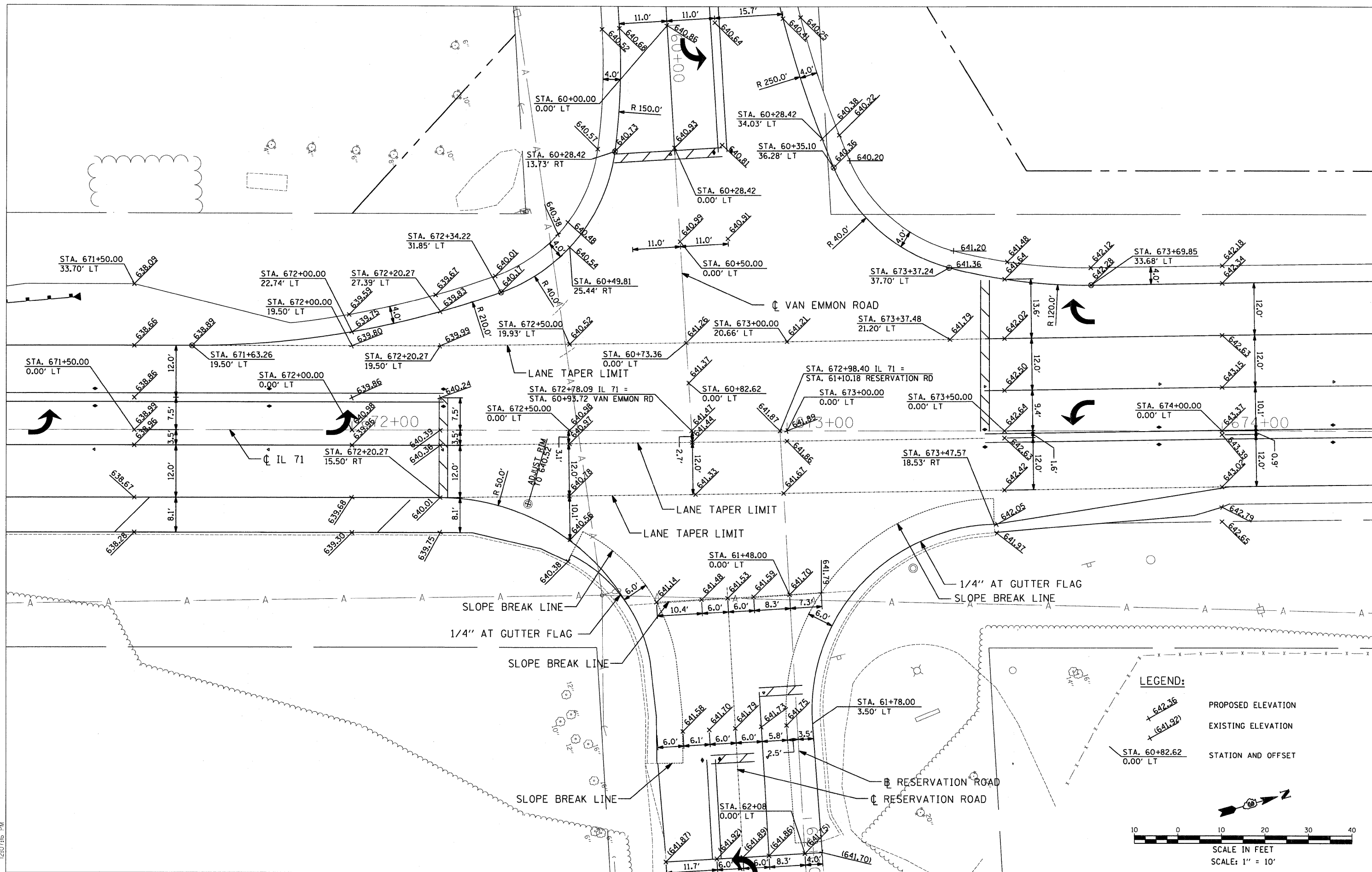
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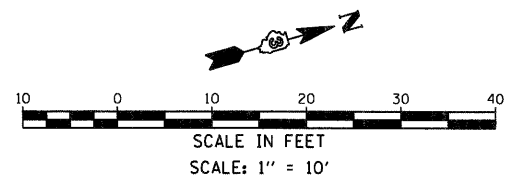


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		DATE - 03/31/2011	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT SCALE = 50.0000' / IN.						SCALE: H=50', V=5'		SHEET NO. --- OF --- SHEETS		STA. 52+00 TO STA. 66+00		

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LEGEND:
+ 642.36 PROPOSED ELEVATION
+ (641.92) EXISTING ELEVATION
STA. 60+82.62 STATION AND OFFSET
0.00' LT



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		CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
PLOT SCALE = 10.0000' / IN.		PLOT DATE = 3/31/2011		SCALE: 1" = 10 FT		SHEET NO. OF SHEETS						

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SUGGESTED STAGING AND TRAFFIC CONTROL - GENERAL NOTES

1. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS, AS DIRECTED BY THE ENGINEER, WITHOUT DELAY.
2. ALL TRAFFIC CONTROL DEVICES USED FOR STAGING AND TRAFFIC CONTROL AND DETAILED ON THE PLANS, SHALL BE REFLECTORIZED PRIOR TO THE INSTALLATION AND CLEANED AS NECESSARY THROUGH THE DURATION OF THE CONTRACT.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS CONSTRUCTION OPERATIONS WITH THE CONSTRUCTION, STAGING, AND MAINTENANCE OPERATIONS OF OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THE PROJECT.
4. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY STRIPING (WHITE AND YELLOW) WHICH CONFLICTS WITH THE NEXT STAGE OR ULTIMATE STRIPING. THIS WORK WILL BE MEASURED AND PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL IN SQUARE FEET AT THE CONTRACT UNIT PRICE.
5. SEE STAGING PLANS AND GENERAL NOTES FOR APPLICABLE NOTES REGARDING DISTRICT AND HIGHWAY STANDARDS THAT SHALL BE FOLLOWED.
6. THE FOLLOWING APPLY TO CONSTRUCTION SIGNS:

A. UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN THE FIELD, THE CONTRACTOR SHALL FURNISH ALL STANDARD SIGNS.

B. ALL SIGNS SHALL BE BOLTED TO SIGN SUPPORTS, UNLESS OTHERWISE NOTED.

C. FOR NUMBER AND LOCATION OF SIGNS SEE SUGGESTED STAGING AND TRAFFIC CONTROL PLANS.
7. THE CONTRACTOR SHALL REPAIR ANY DAMAGES DONE BY CONSTRUCTION EQUIPMENT TO STREETS AND RESTORE TO THE ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST.
8. ALL DRUMS AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY-BURN MONO-DIRECTIONAL LIGHTS.
9. THE CONTRACTOR SHALL COVER OR REMOVE ALL CONFLICTING EXISTING SIGNS.
10. THE CONTRACTOR SHALL COORDINATE WORK ZONE SIGNAGE WITH ADJACENT WORK ZONES IN THIS CONTRACT AND ANY POTENTIAL ADJOINING CONTRACTS.
11. TEMPORARY ONE LANE AND SHOULDER CLOSURES REQUIRED WORK SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND APPLICABLE HIGHWAY AND DISTRICT STANDARDS.
12. IN LOCATIONS WHERE EXISTING PAVEMENT MARKINGS CONFLICT WITH THE REQUIRED TEMPORARY PAVEMENT MARKINGS, THE REFLECTORS IN THE EXISTING RAISED PAVEMENT LANE MARKERS SHALL BE REMOVED.
13. CONSTRUCTION SIGN PLACEMENT MAY BE ADJUSTED SLIGHTLY TO FIELD CONDITIONS.
14. WHEN TEMPORARY LANE CLOSURES ARE REQUIRED, THE CONTRACTOR SHALL RESTRICT THE SIZE AND THE NUMBER OF REPAIR AREAS TO ALL THE REPAIR AREAS TO BE COMPLETED DURING THE TIME PERIOD SPECIFIED IN THE CONTRACT FOR ALLOWABLE LANE CLOSURES. LARGE REPAIR AREAS MAY REQUIRE STAGED CONSTRUCTION. NO OPEN HOLES SHALL REMAIN IN SHOULDERS OR PAVEMENT DURING PERIODS WHEN TEMPORARY LANE CLOSURES ARE NOT ALLOWED.
15. EXCESS TEMPORARY PAVEMENT REMOVAL FOLLOWING STAGE 2 SHALL BE INCLUDED IN THE PAVED SHOULDER REMOVAL QUANTITY. SEE STAGING AND ROADWAY PLANS FOR LIMITS.

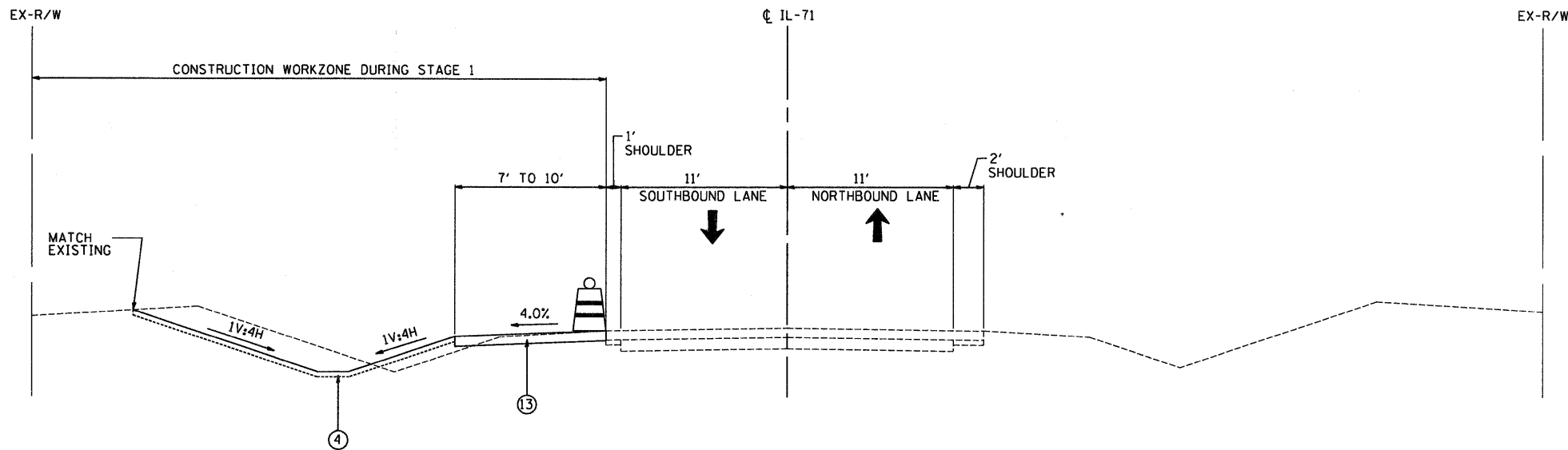
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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				

LEGEND - TRAFFIC CONTROL ITEMS

- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

NOTES:

- TEMPORARY AGGREGATE WEDGES SHALL BE PLACED AT DROP-OFF AREAS IN ACCORDANCE WITH SUB-PART K OF THE WORK ZONE SAFETY SUPPLEMENTAL POLICY (IDOT DESIGN POLICY TO MINIMIZE DROP-OFF EXPOSURE).
- DRUMS WITH MONODIRECTIONAL LIGHTS SHALL BE PLACED AT PROPOSED GUARDRAIL LOCATIONS FOLLOWING COMPLETION OF EACH RESPECTIVE STAGE AND SHALL REMAIN IN PLACE UNTIL INSTALLATION OF PROPOSED GUARDRAIL. SEE ROADWAY PLANS FOR GUARDRAIL LOCATIONS.
- TRAFFIC CONTROL DURING STAGE 1 SHALL FOLLOW HIGHWAY STANDARD 701326 AND THE STAGE 1 DETAILS IN THE PLANS. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.
- TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- AGGREGATE SURFACE COURSE, TYPE B SHALL BE USED TO CONSTRUCT DROP-OFF TEMPORARY AGGREGATE WEDGES AND TEMPORARY ACCESS DRIVES DURING CONSTRUCTION.

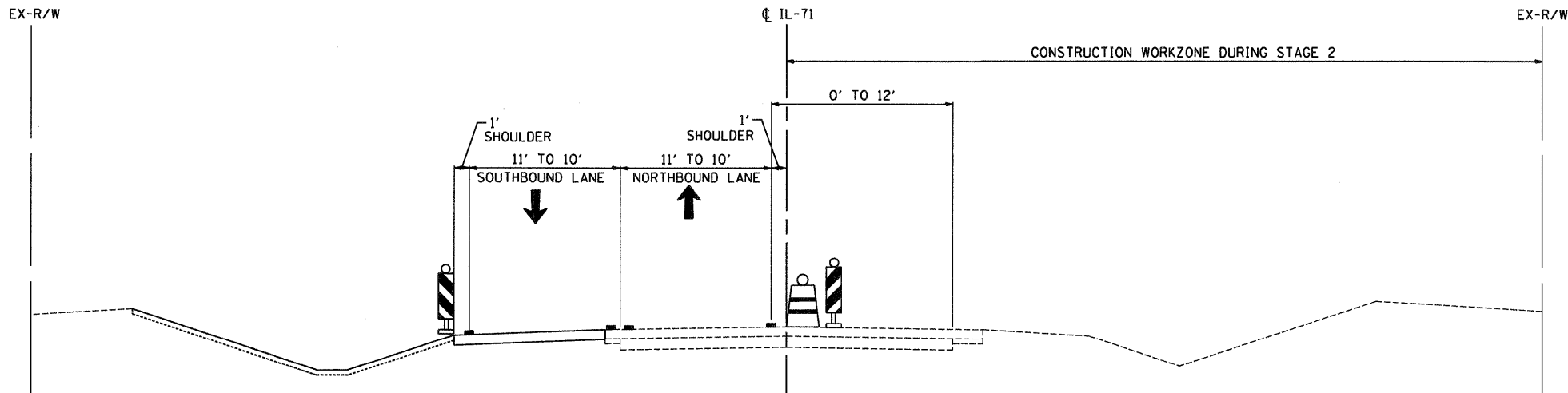


PROPOSED TYPICAL SECTION 1-S1
ILLINOIS-71
STAGE 1

STA. 661+83 TO STA. 664+83

PROPOSED LEGEND

- HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- AGGREGATE SHOULDER, TYPE B; 6-1/2"
- AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- HMA BASE COURSE WIDENING; 11-1/2"
- SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- HMA BASE COURSE WIDENING; 9"
- STRIP REFLECTIVE CRACK CONTROL TREATMENT
- LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 1-S2
ILLINOIS-71
STAGE 2

STA. 661+83 TO STA. 664+83

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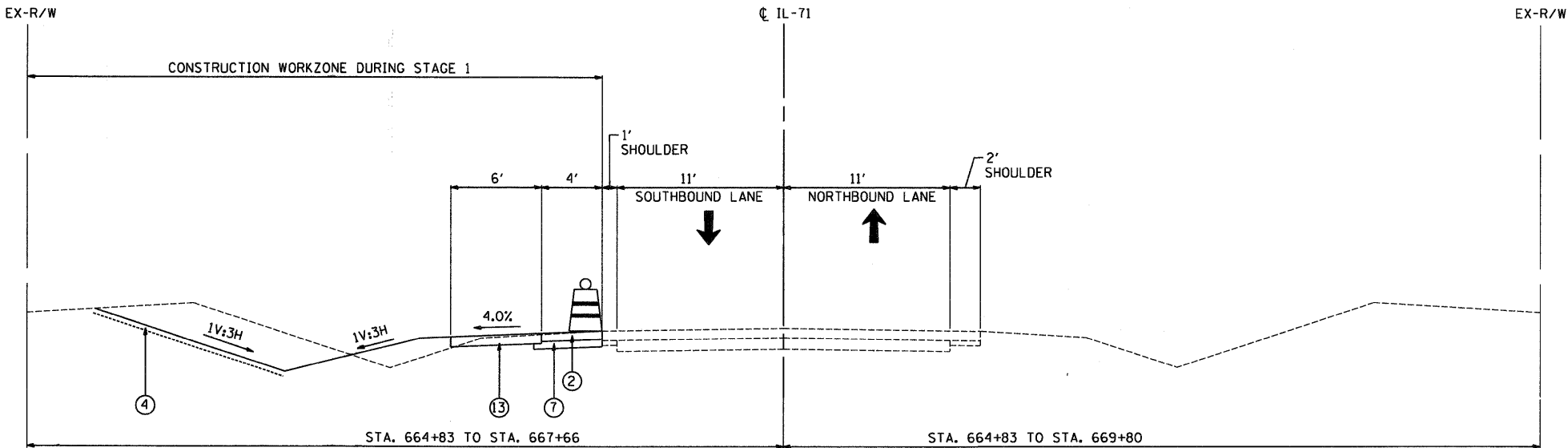
FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SUGGESTED STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -				311	(1-1)N TS	KENDALL	92	35
	PLOT SCALE = 5.0000' / 1".	CHECKED - RS	REVISED -				CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.		SHEET NO. -- OF -- SHEETS					

LEGEND - TRAFFIC CONTROL ITEMS

- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

NOTES:

- TEMPORARY AGGREGATE WEDGES SHALL BE PLACED AT DROP-OFF AREAS IN ACCORDANCE WITH SUB-PART K OF THE WORK ZONE SAFETY SUPPLEMENTAL POLICY (IDOT DESIGN POLICY TO MINIMIZE DROP-OFF EXPOSURE).
- DRUMS WITH MONODIRECTIONAL LIGHTS SHALL BE PLACED AT PROPOSED GUARDRAIL LOCATIONS FOLLOWING COMPLETION OF EACH RESPECTIVE STAGE AND SHALL REMAIN IN PLACE UNTIL INSTALLATION OF PROPOSED GUARDRAIL. SEE ROADWAY PLANS FOR GUARDRAIL LOCATIONS.
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- AGGREGATE SURFACE COURSE, TYPE B SHALL BE USED TO CONSTRUCT DROP-OFF TEMPORARY AGGREGATE WEDGES AND TEMPORARY ACCESS DRIVES DURING CONSTRUCTION.

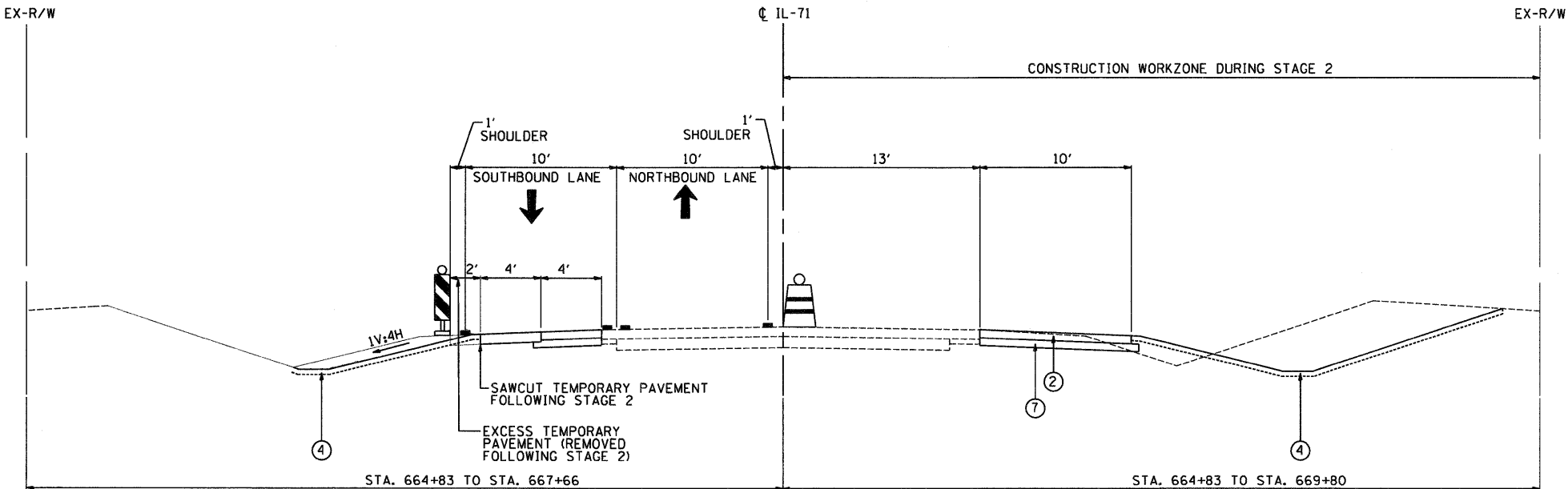


PROPOSED TYPICAL SECTION 2-S1
ILLINOIS-71
STAGE 1

SEE ABOVE FOR APPLICABLE STATIONS

PROPOSED LEGEND

- HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- AGGREGATE SHOULDER, TYPE B; 6-1/2"
- AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- HMA BASE COURSE WIDENING; 11-1/2"
- SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- HMA BASE COURSE WIDENING; 9"
- STRIP REFLECTIVE CRACK CONTROL TREATMENT
- LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 2-S2
ILLINOIS-71
STAGE 2

SEE ABOVE FOR APPLICABLE STATIONS

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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
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LEGEND - TRAFFIC CONTROL ITEMS

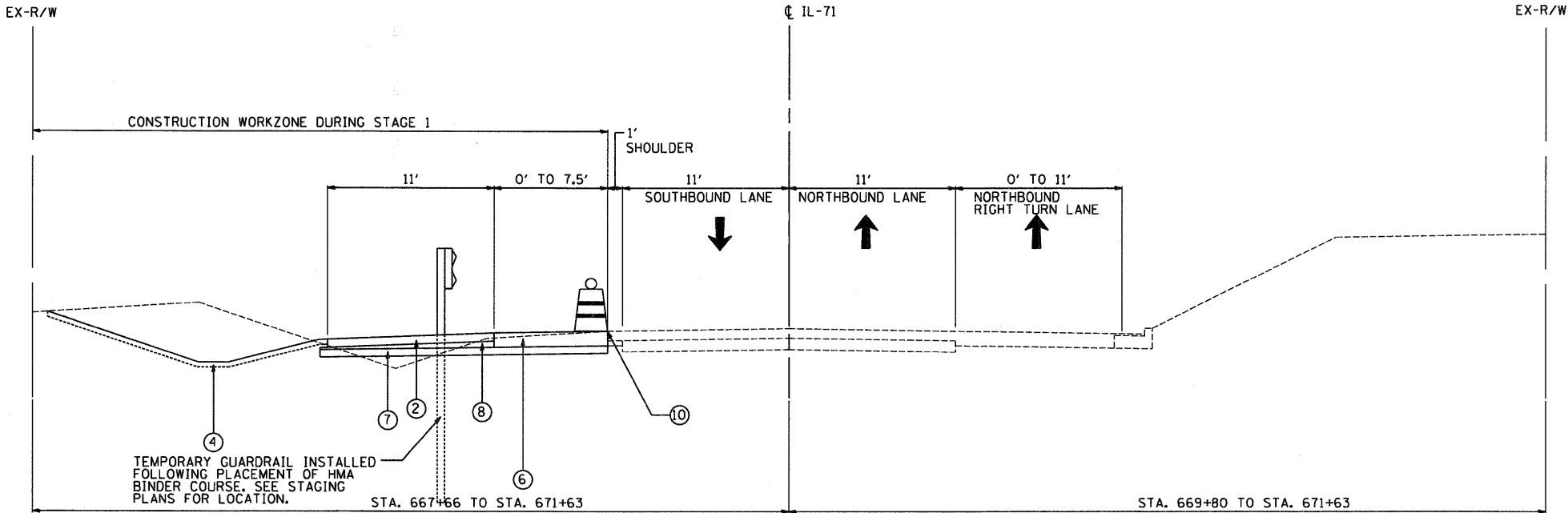
- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

NOTES:

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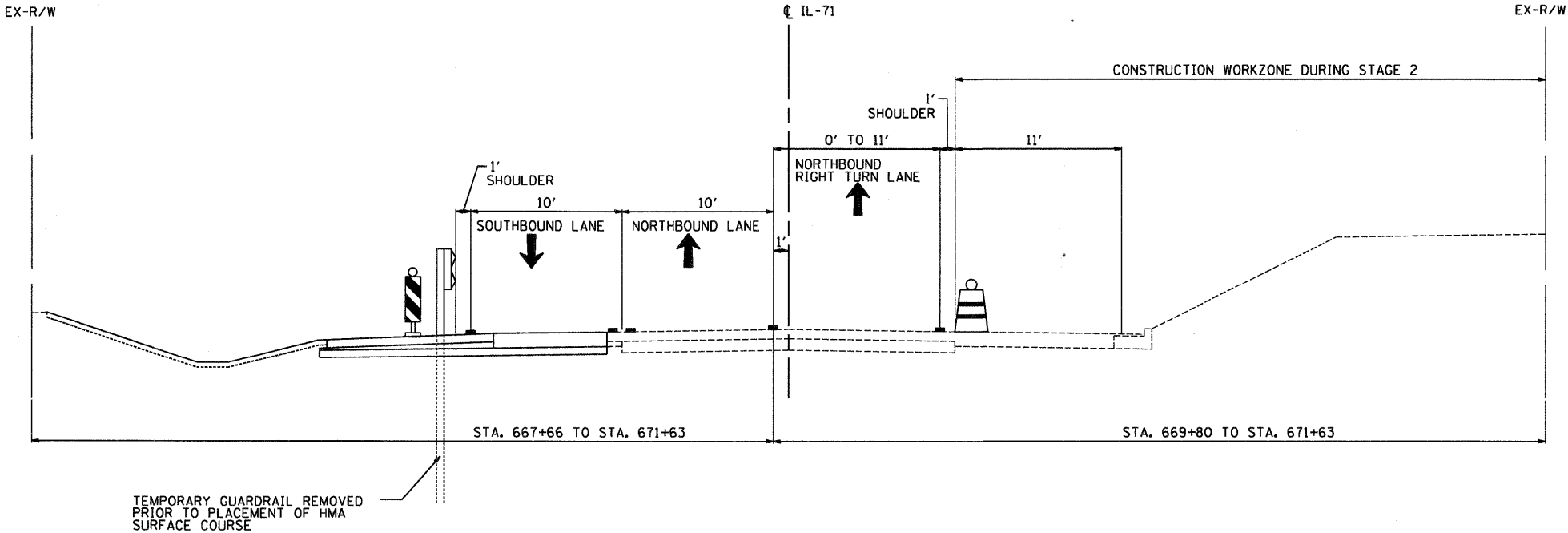
PROPOSED LEGEND

- ① HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
- ② HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- ③ PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- ④ AGGREGATE SHOULDER, TYPE B; 6-1/2"
- ⑤ AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ⑥ AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ⑦ SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- ⑧ GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ⑨ HMA BASE COURSE WIDENING; 11-1/2"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- ⑫ HMA BASE COURSE WIDENING; 9"
- ⑬ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑭ LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- ⑮ HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- ⑯ TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 3-S1
ILLINOIS-71
STAGE 1

SEE ABOVE FOR APPLICABLE STATIONS



PROPOSED TYPICAL SECTION 3-S2
ILLINOIS-71
STAGE 2

SEE ABOVE FOR APPLICABLE STATIONS

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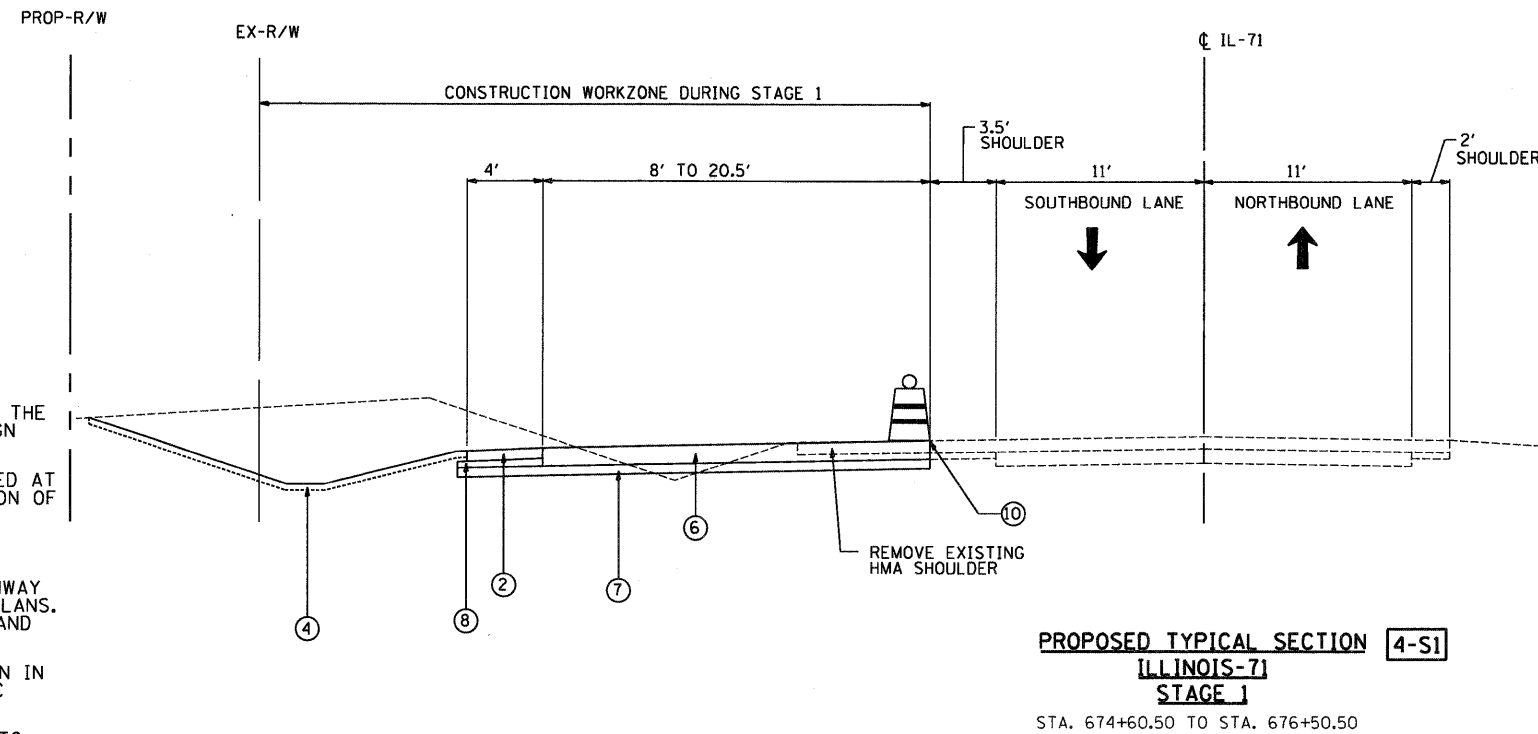
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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -								
					SCALE: N.T.S.	SHEET NO. -- OF -- SHEETS	CONTRACT NO. 66955				
								ILLINOIS	FED. AID	PROJECT	

LEGEND - TRAFFIC CONTROL ITEMS

- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

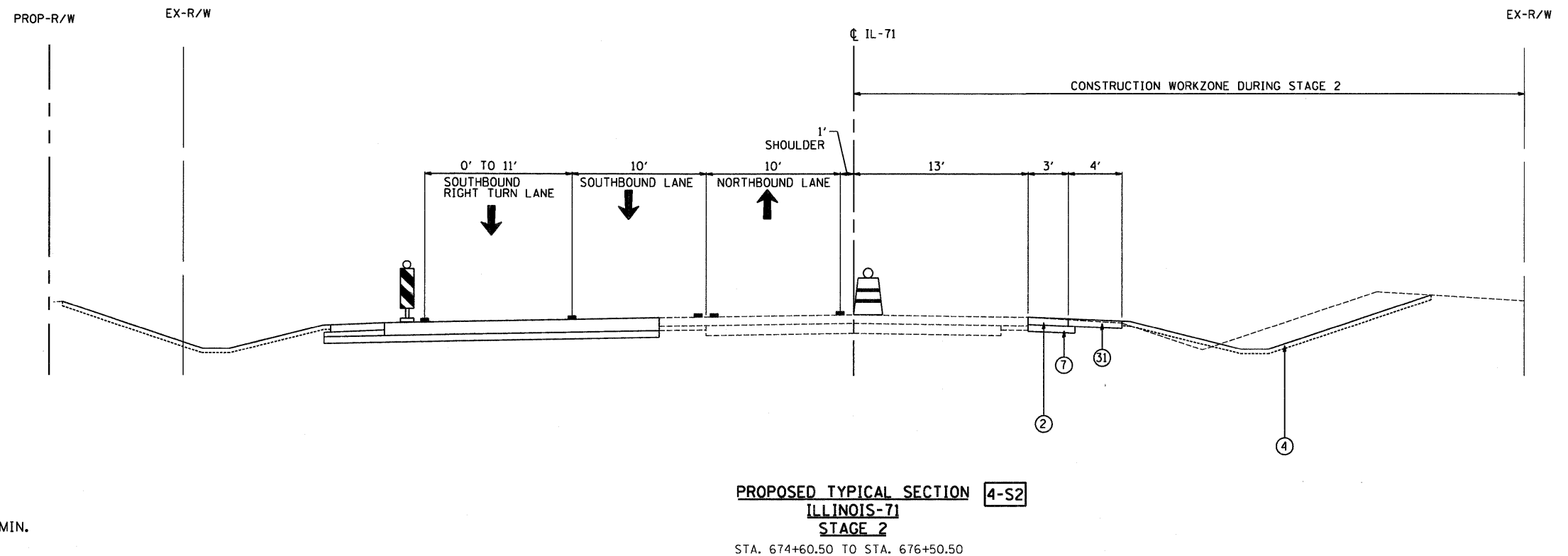
NOTES:

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PROPOSED LEGEND

- HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- AGGREGATE SHOULDER, TYPE B; 6-1/2"
- AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
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- HMA BASE COURSE WIDENING; 11-1/2"
- SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
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- HMA BASE COURSE WIDENING; 9"
- STRIP REFLECTIVE CRACK CONTROL TREATMENT
- LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



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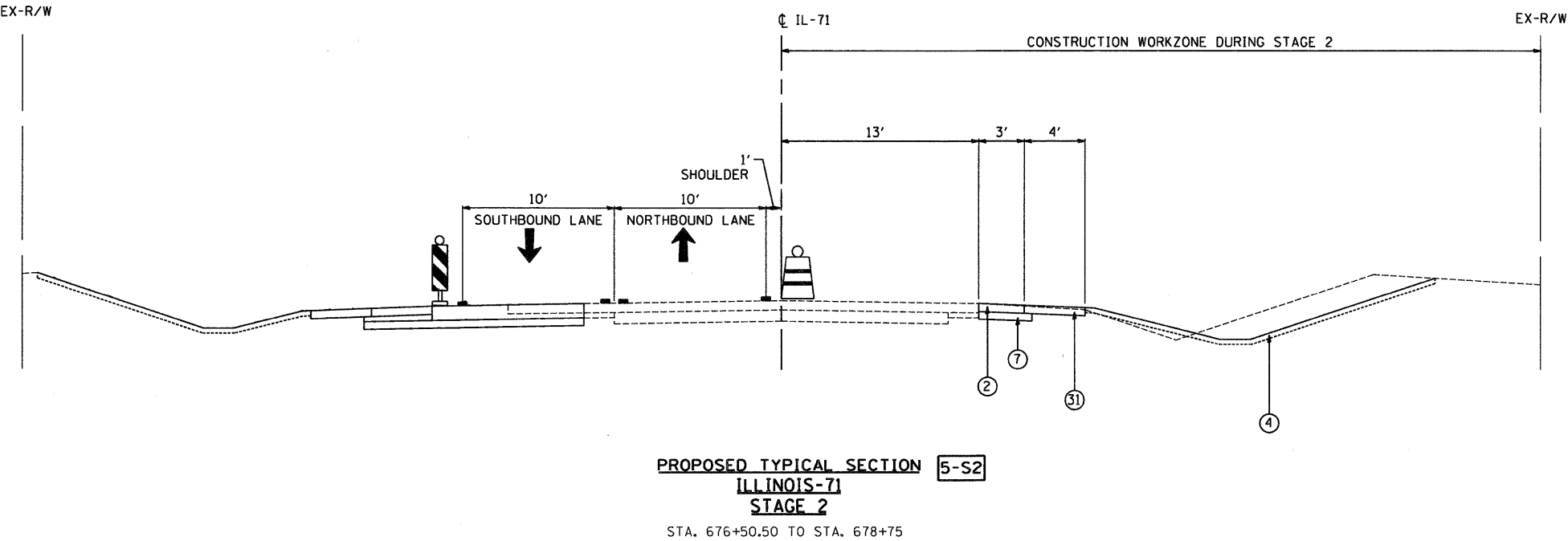
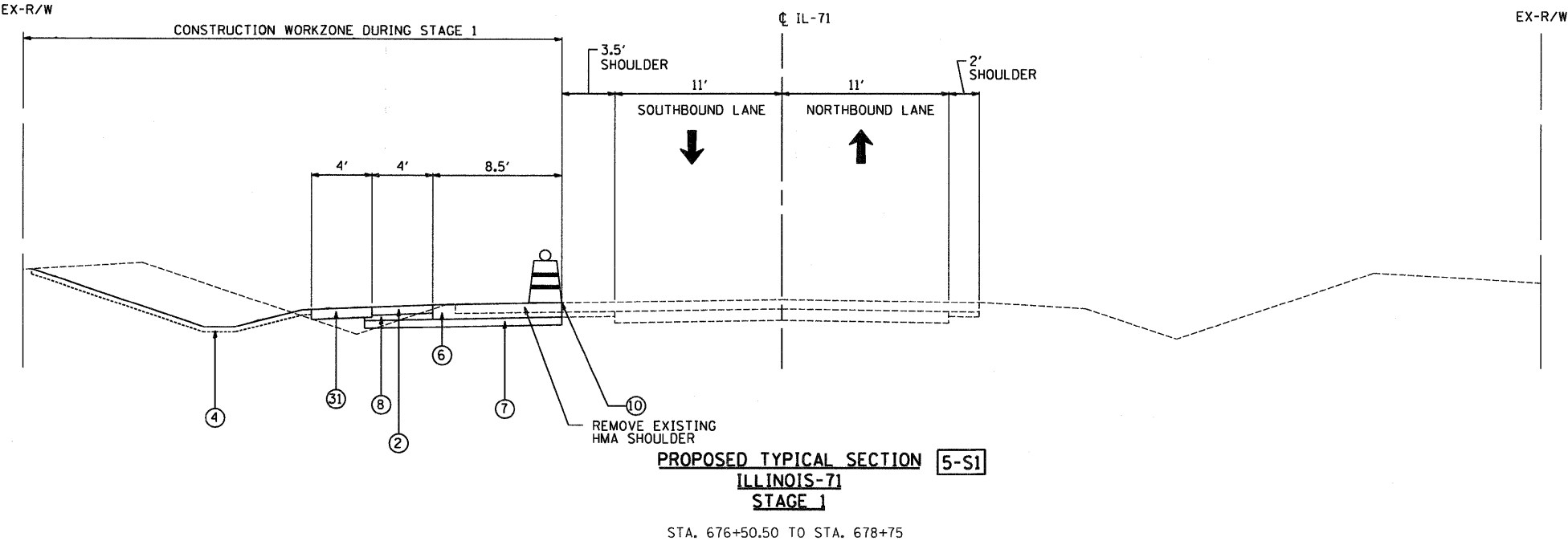
LEGEND - TRAFFIC CONTROL ITEMS

- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
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PROPOSED LEGEND

- ① HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- ② HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- ③③③ PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- ③① AGGREGATE SHOULDER, TYPE B; 6-1/2"
- ③② AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
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- ⑥ HMA BASE COURSE WIDENING; 11-1/2"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- ⑨ HMA BASE COURSE WIDENING; 9"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- ⑫ HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- ⑬ TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS

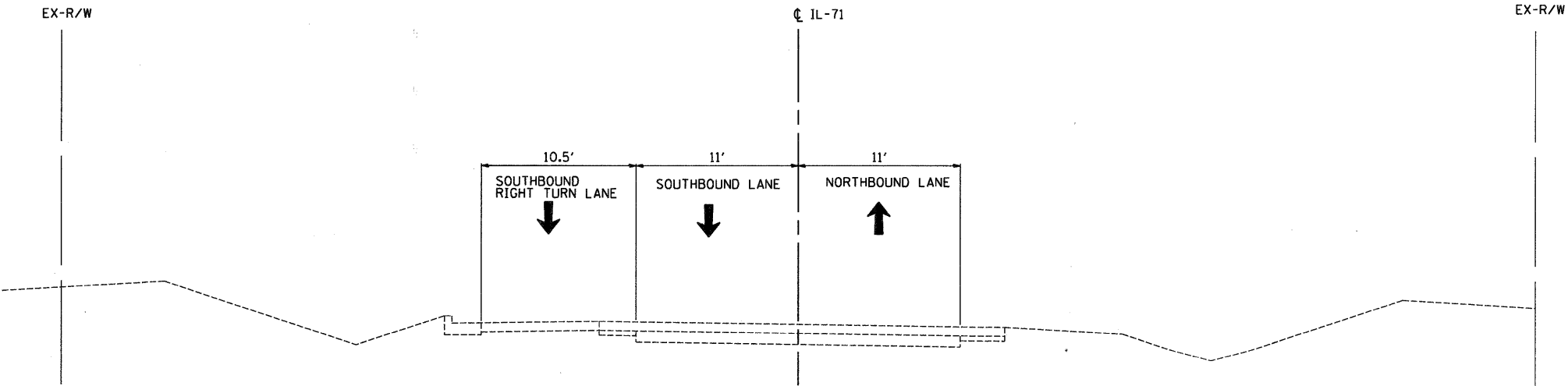
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	39
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

LEGEND - TRAFFIC CONTROL ITEMS

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- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
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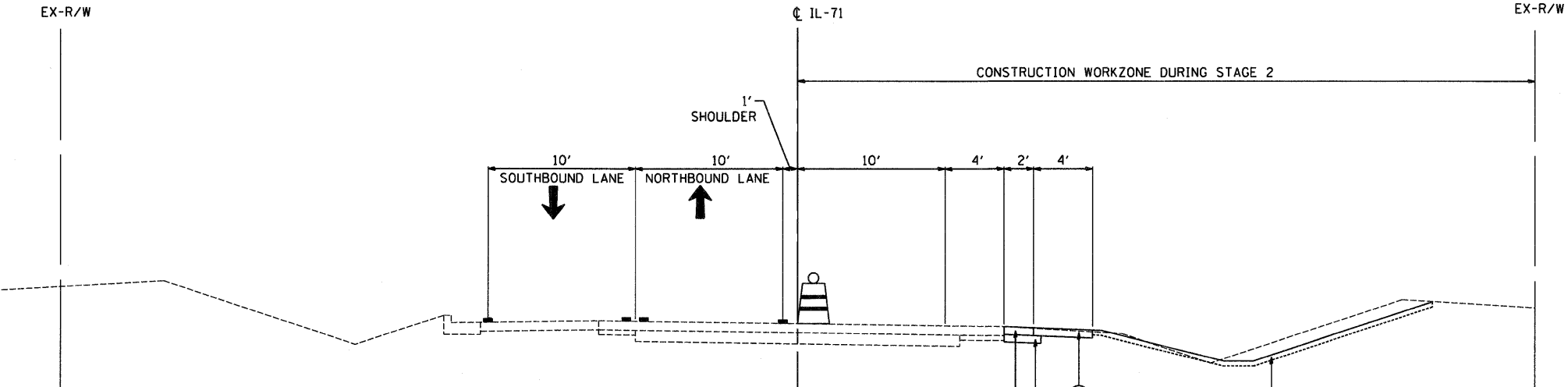
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PROPOSED TYPICAL SECTION 6-S1
ILLINOIS-71
STAGE 1

STA. 679+66 TO STA. 680+50

- PROPOSED LEGEND
- HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
 - HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
 - PAID AS AGGREGATE SHOULDER, TYPE B; 8"
 - AGGREGATE SHOULDER, TYPE B; 6-1/2"
 - AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
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 - SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
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 - LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
 - HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
 - TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 6-S2
ILLINOIS-71
STAGE 1

STA. 679+66 TO STA. 680+50

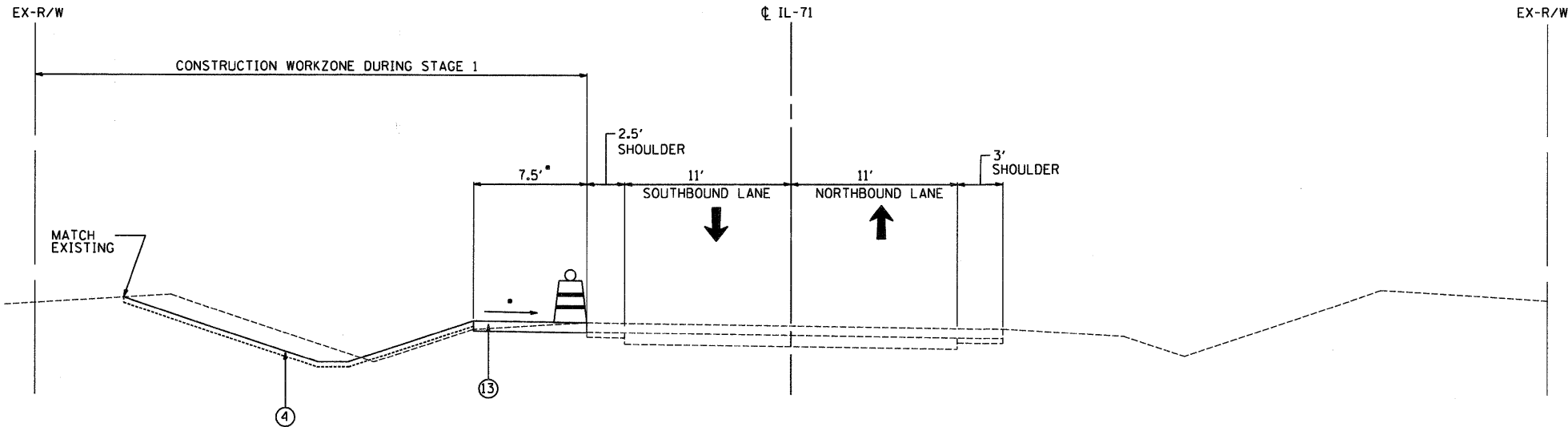
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		DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	40
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		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
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LEGEND - TRAFFIC CONTROL ITEMS

- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

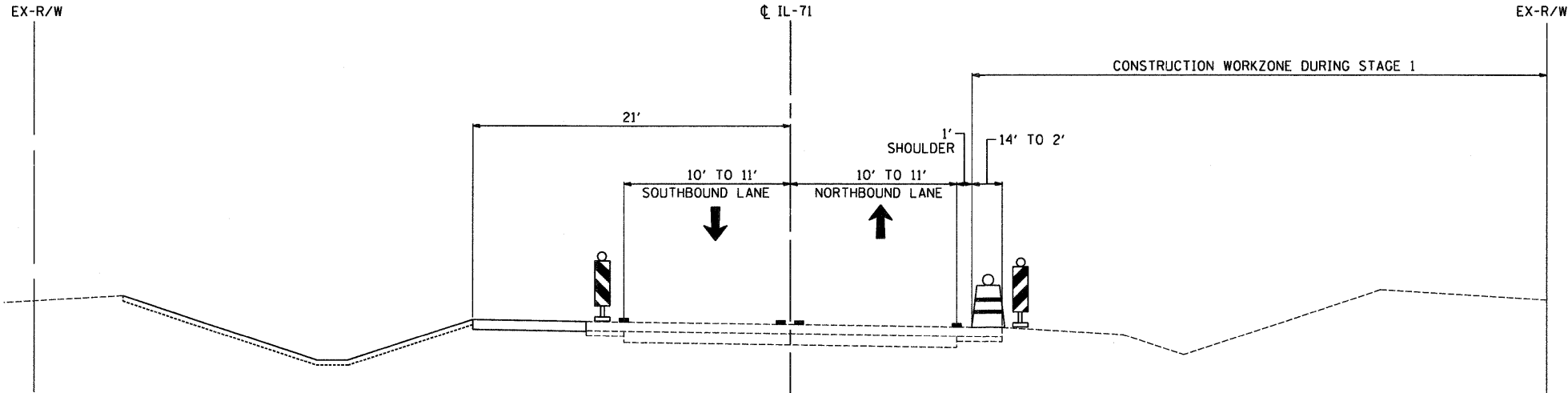
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PROPOSED TYPICAL SECTION 7-S1
ILLINOIS-71
STAGE 1
STA. 680+50 TO STA. 683+20
SUPERELEVATED PAVEMENT SHALL MATCH EXISTING SLOPES. SEE CROSS SECTIONS.

PROPOSED LEGEND

- HMA SURFACE COURSE, MIX "D", N70; 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- AGGREGATE SHOULDER, TYPE B; 6-1/2"
- AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
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- HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



PROPOSED TYPICAL SECTION 7-S2
ILLINOIS-71
STAGE 2
STA. 680+50 TO STA. 683+20

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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SUGGESTED STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	41
		CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.		SHEET NO. -- OF -- SHEETS						

LEGEND - TRAFFIC CONTROL ITEMS

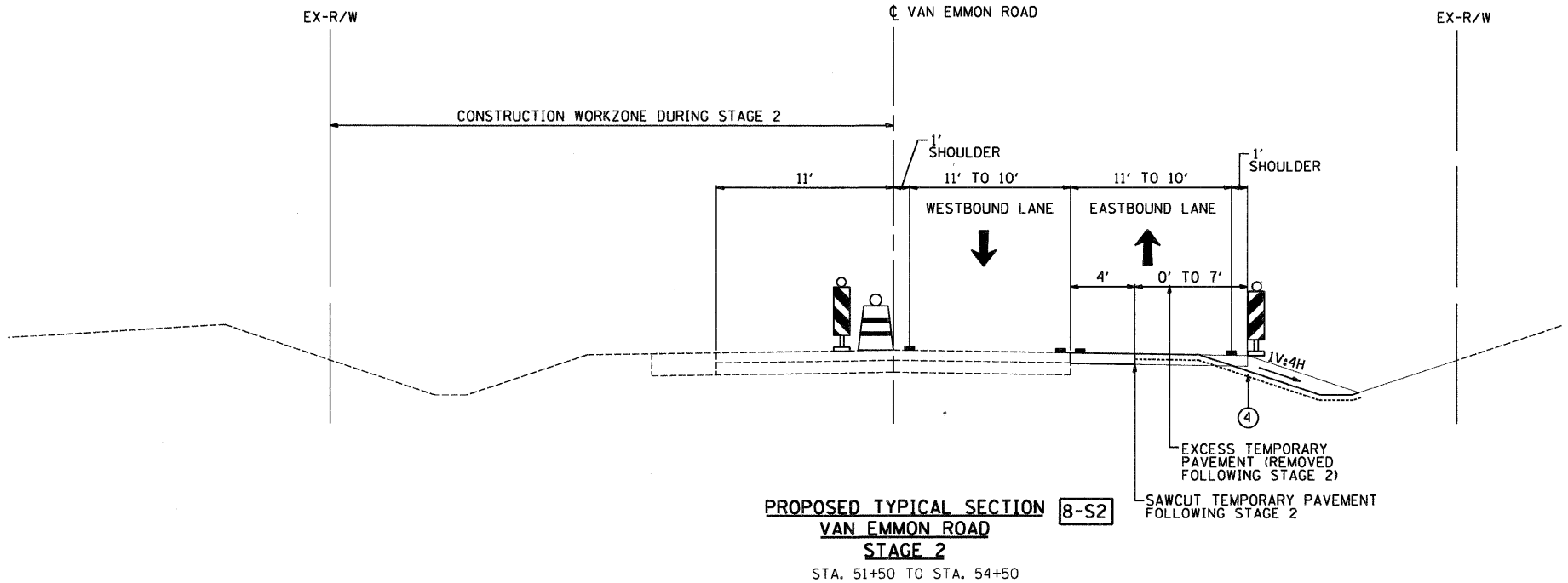
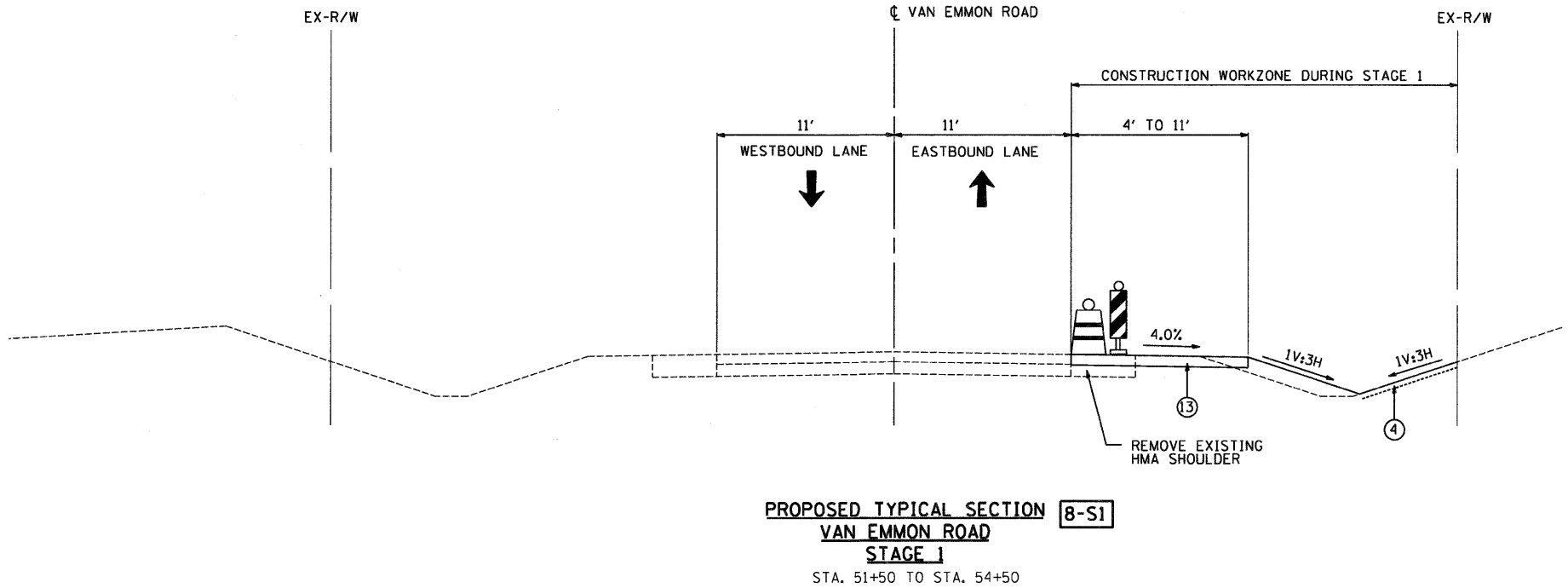
- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

NOTES:

- TEMPORARY AGGREGATE WEDGES SHALL BE PLACED AT DROP-OFF AREAS IN ACCORDANCE WITH SUB-PART K OF THE WORK ZONE SAFETY SUPPLEMENTAL POLICY (IDOT DESIGN POLICY TO MINIMIZE DROP-OFF EXPOSURE).
- DRUMS WITH MONODIRECTIONAL LIGHTS SHALL BE PLACED AT PROPOSED GUARDRAIL LOCATIONS FOLLOWING COMPLETION OF EACH RESPECTIVE STAGE AND SHALL REMAIN IN PLACE UNTIL INSTALLATION OF PROPOSED GUARDRAIL. SEE ROADWAY PLANS FOR GUARDRAIL LOCATIONS.
- TRAFFIC CONTROL DURING STAGE 1 SHALL FOLLOW HIGHWAY STANDARD 701326 AND THE STAGE 1 DETAILS IN THE PLANS. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.
- TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- AGGREGATE SURFACE COURSE, TYPE B SHALL BE USED TO CONSTRUCT DROP-OFF TEMPORARY AGGREGATE WEDGES AND TEMPORARY ACCESS DRIVES DURING CONSTRUCTION.

PROPOSED LEGEND

- ① HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- ② HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- ③③③ PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- ③① AGGREGATE SHOULDER, TYPE B; 6-1/2"
- ③② AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ③③ AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ④ SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- ⑤ GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- ⑥ HMA BASE COURSE WIDENING; 11-1/2"
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- ⑨ HMA BASE COURSE WIDENING; 9"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- ⑫ HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- ⑬ TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. -- OF -- SHEETS

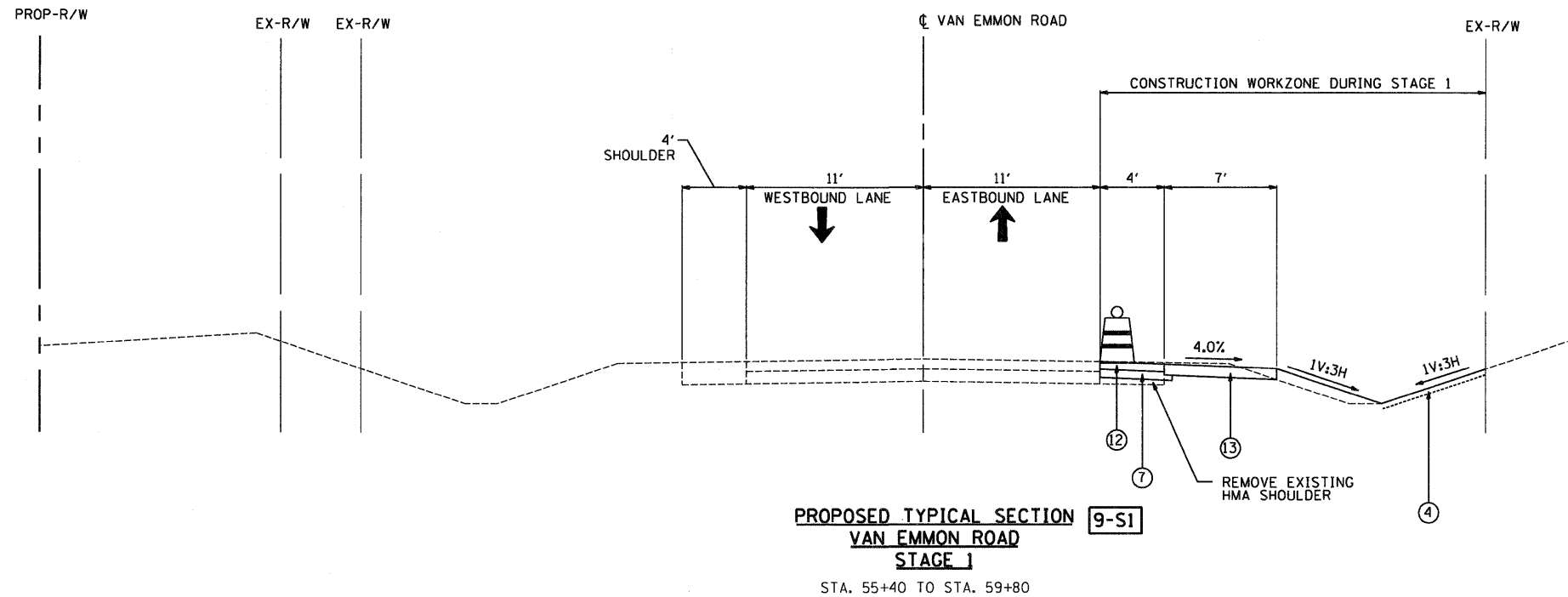
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	42
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

LEGEND - TRAFFIC CONTROL ITEMS

- DRUM WITH MONODIRECTIONAL FLASHING LIGHT
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING (TYPE AS SPECIFIED ON STAGING PLANS)

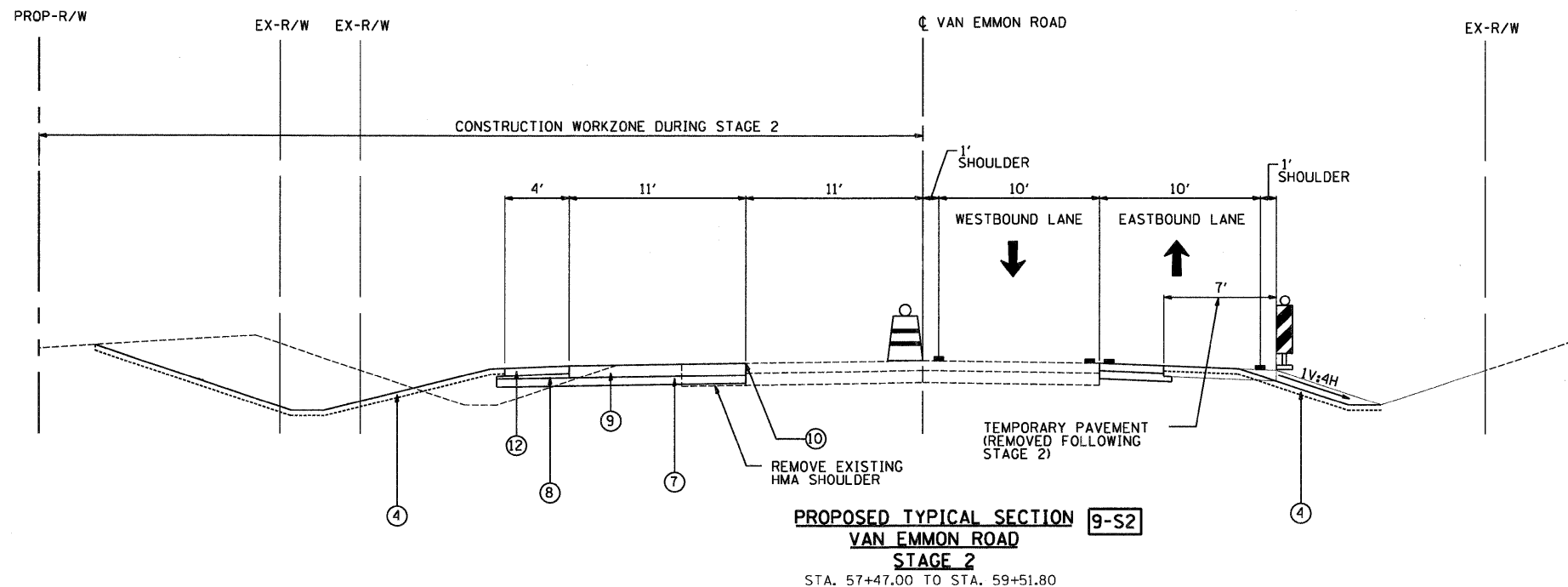
NOTES:

- TEMPORARY AGGREGATE WEDGES SHALL BE PLACED AT DROP-OFF AREAS IN ACCORDANCE WITH SUB-PART K OF THE WORK ZONE SAFETY SUPPLEMENTAL POLICY (IDOT DESIGN POLICY TO MINIMIZE DROP-OFF EXPOSURE).
- DRUMS WITH MONODIRECTIONAL LIGHTS SHALL BE PLACED AT PROPOSED GUARDRAIL LOCATIONS FOLLOWING COMPLETION OF EACH RESPECTIVE STAGE AND SHALL REMAIN IN PLACE UNTIL INSTALLATION OF PROPOSED GUARDRAIL. SEE ROADWAY PLANS FOR GUARDRAIL LOCATIONS.
- TRAFFIC CONTROL DURING STAGE 1 SHALL FOLLOW HIGHWAY STANDARD 701326 AND THE STAGE 1 DETAILS IN THE PLANS. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.
- TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- AGGREGATE SURFACE COURSE, TYPE B SHALL BE USED TO CONSTRUCT DROP-OFF TEMPORARY AGGREGATE WEDGES AND TEMPORARY ACCESS DRIVES DURING CONSTRUCTION.



PROPOSED LEGEND

- HMA SURFACE COURSE, MIX "D", N70; 1-1/2" (INSTALLED FOLLOWING STAGE 2)
- HMA BINDER COURSE, IL-19.0, N70; 6-1/2"
- PAID AS AGGREGATE SHOULDER, TYPE B; 8"
- AGGREGATE SHOULDER, TYPE B; 6-1/2"
- AGGREGATE SHOULDER, TYPE B; 1-1/2" (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- AGGREGATE WEDGE SHOULDER, TYPE B (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- SEEDING (CLASS 2A) WITH EROSION CONTROL BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- GUARDRAIL (SEE PLAN FOR TYPE) (INSTALLED FOLLOWING PLACEMENT OF HMA SURFACE COURSE)
- HMA BASE COURSE WIDENING; 11-1/2"
- SUB-BASE GRANULAR MATERIAL, TYPE A; 6"
- SUB-BASE GRANULAR MATERIAL, TYPE C (SEE NOTES ON ROADWAY PLAN)
- HMA BASE COURSE WIDENING; 9"
- STRIP REFLECTIVE CRACK CONTROL TREATMENT
- LEVELING BINDER (MACHINE METHOD), N70, 3/4" MIN. (INSTALLED FOLLOWING STAGE 2)
- HMA BINDER COURSE, IL-19.0, N70; 5-3/4"
- TEMPORARY PAVEMENT HMA BINDER COURSE, IL-19.0, N70; 8"



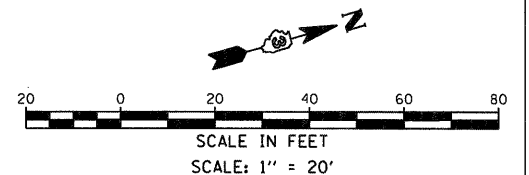
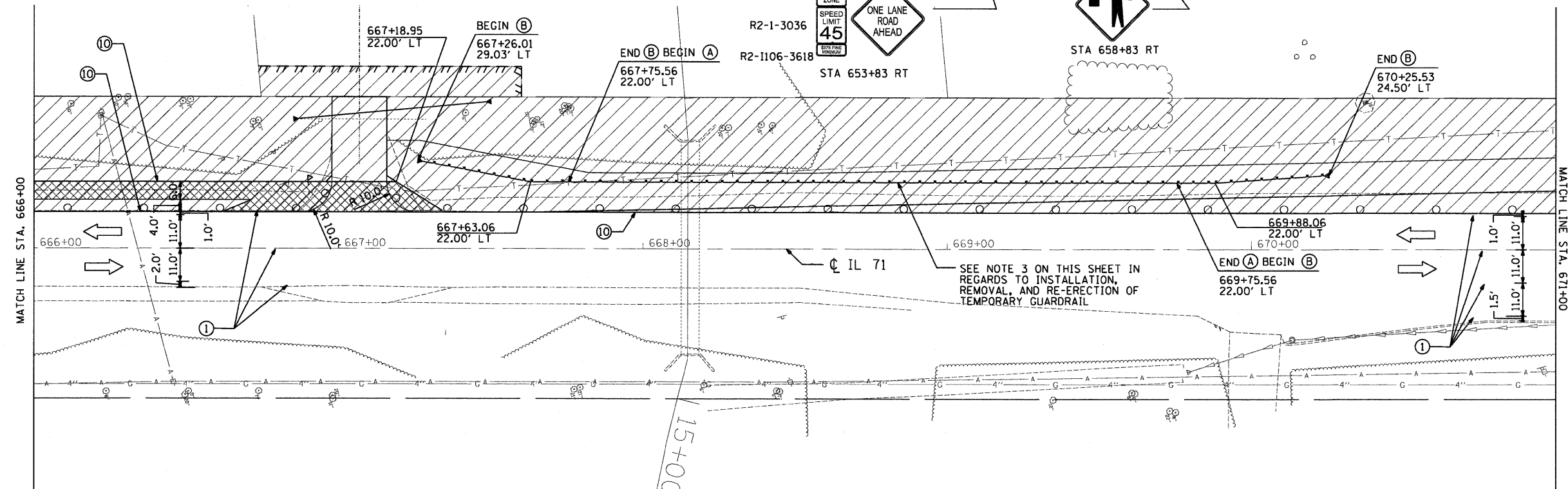
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FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SUGGESTED STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -				311	(1-1)N TS	KENDALL	92	43
	PLOT SCALE = 5.0000' / 1" IN.	CHECKED - RS	REVISED -				CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.		SHEET NO. -- OF -- SHEETS					

1. FOR NORTHBOUND ADVANCE SIGNING APPROACHING STA. 663+83 SEE
DETAIL THIS SHEET.
2. TRAFFIC CONTROL DURING STAGE 1 SHALL FOLLOW HIGHWAY STANDARD
701326 AND THE STAGE 1 DETAILS IN THE PLANS. THIS WORK SHALL BE
PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.
3. TEMPORARY STEEL PLATE BEAM GUARDRAIL AND TEMPORARY TRAFFIC
BARRIER TERMINALS WILL BE REMOVED PRIOR TO PLACEMENT OF FINAL
HMA SURFACE COURSE. REMOVED GUARDRAIL AND TERMINALS SHALL BE
RE-ERECTED IN PERMANENT LOCATIONS FOLLOWING THE PLACEMENT OF
FINAL HMA SURFACE COURSE AS DETAILED ON ROADWAY PLANS.

- - WORK ZONE
- - TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, (IL-19.0, N70; 8"
- - DIRECTION OF TRAFFIC + 661+00
- - DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
- - TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
- - DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- ① - EXISTING PAVEMENT MARKING TO REMAIN
- ② - EXISTING PAVEMENT MARKING REMOVAL
- ③ - TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ④ - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- ~~⑤ - TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID~~
- ⑥ - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- ⑦ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
- ⑧ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
- ⑨ - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
- ⑩ - STAGE CONSTRUCTION EDGE OF PAVEMENT
- ⑪ - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

- (A) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS (TEMPORARY)
(B) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED (TEMPORARY)



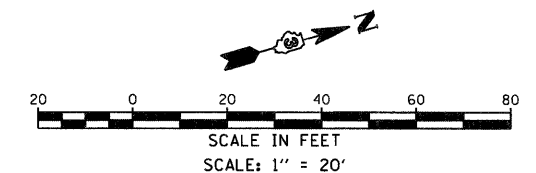
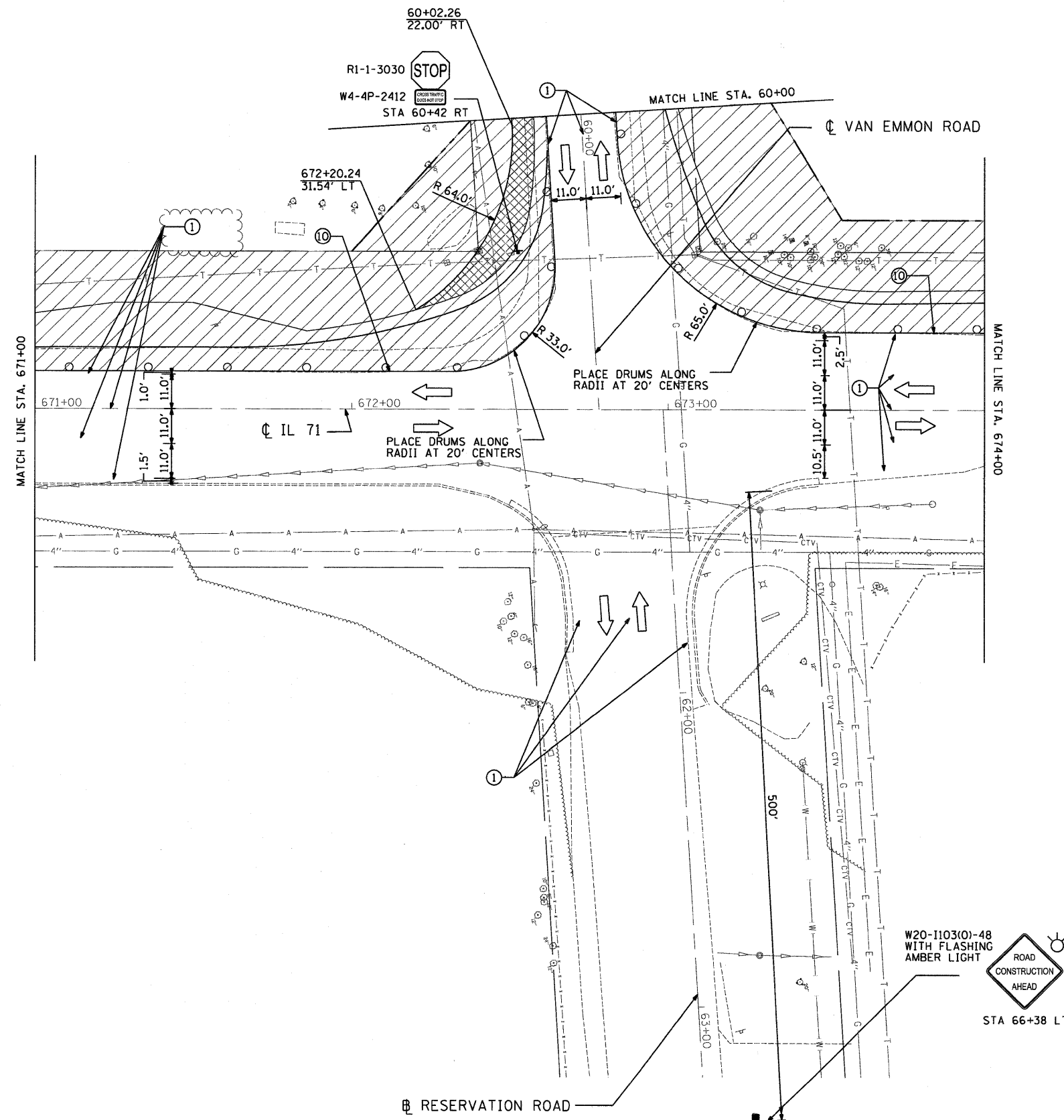
FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1)-N T S	KENDALL	92	44
	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -		SCALE: 1" = 20 FT			SHEET NO. -- OF -- SHEETS	STA. 661+00 TO STA. 671+00	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -						CONTRACT NO. 66955			

LEGEND:

-  - WORK ZONE
-  - TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, IL-19.0, N70; 8"
-  - DIRECTION OF TRAFFIC
-  - DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
-  - TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
-  - DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- ① - EXISTING PAVEMENT MARKING TO REMAIN
- ② - EXISTING PAVEMENT MARKING REMOVAL
- ③ - TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ④ - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- ⑤ - TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID
- ⑥ - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- ⑦ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
- ⑧ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
- ⑨ - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
- ⑩ - STAGE CONSTRUCTION EDGE OF PAVEMENT
- ⑪ - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

NOTES:

1. TRAFFIC CONTROL DURING STAGE 1 SHALL FOLLOW HIGHWAY STANDARD 701326 AND THE STAGE 1 DETAILS IN THE PLANS. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.



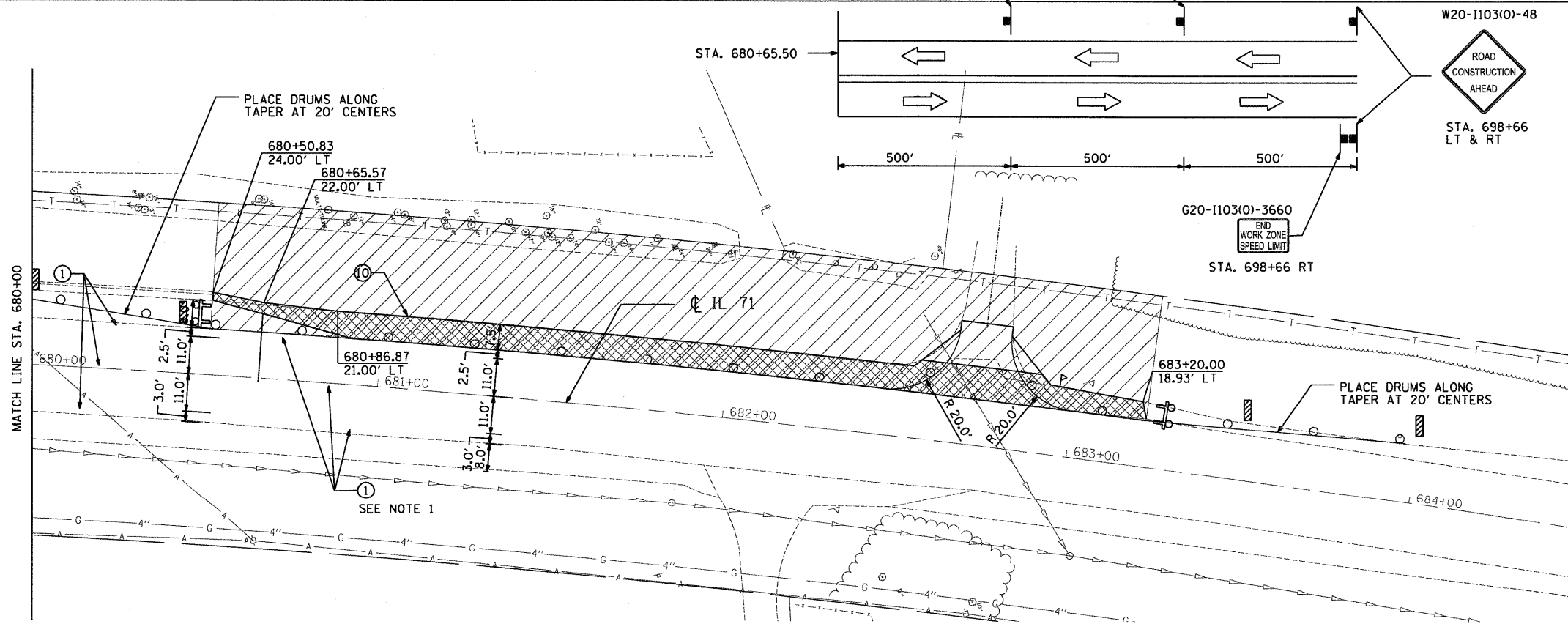
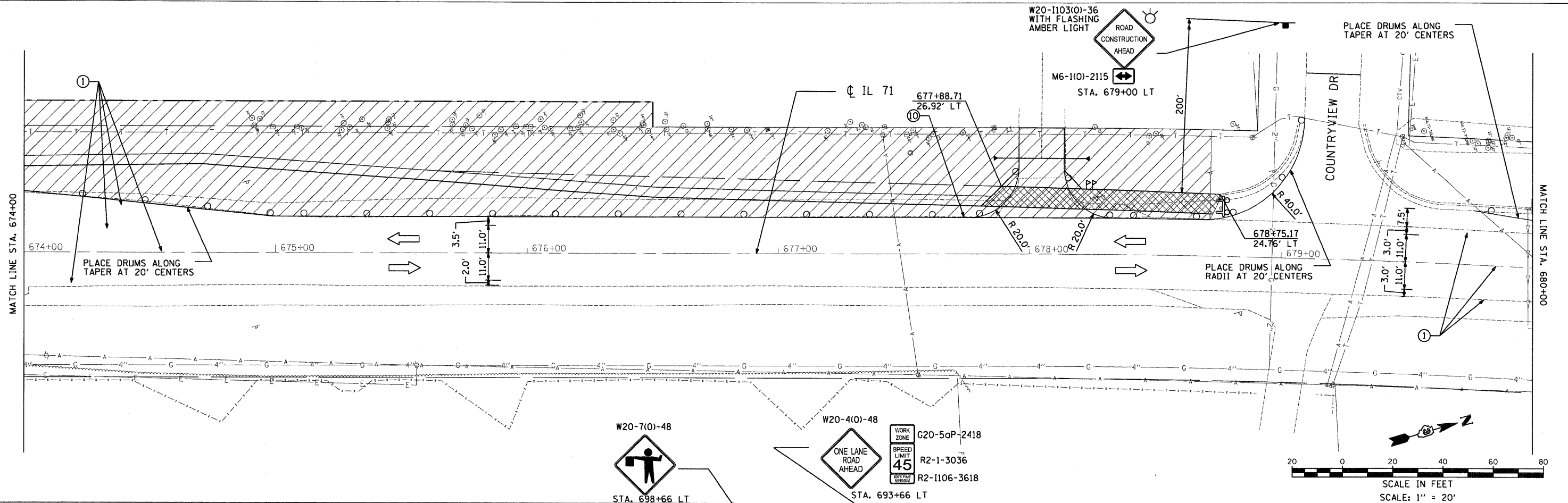
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 1

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 671+00 TO STA. 674+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	45
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 20.0000" / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -



LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, IL-19.0, N70; 8"
- DIRECTION OF TRAFFIC
- DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
- TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- ① - EXISTING PAVEMENT MARKING TO REMAIN
- ② - EXISTING PAVEMENT MARKING REMOVAL
- ③ - TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- ④ - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- ⑤ - TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID
- ⑥ - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- ⑦ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
- ⑧ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
- ⑨ - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
- ⑩ - STAGE CONSTRUCTION EDGE OF PAVEMENT
- ⑪ - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

NOTES:

1. FOR SOUTHBOUND ADVANCE SIGNING APPROACHING STA. 680+65.50 SEE DETAIL THIS SHEET.
2. TRAFFIC CONTROL DURING STAGE 1 SHALL FOLLOW HIGHWAY STANDARD 701326 AND THE STAGE 1 DETAILS IN THE PLANS. THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, STANDARD 701326.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

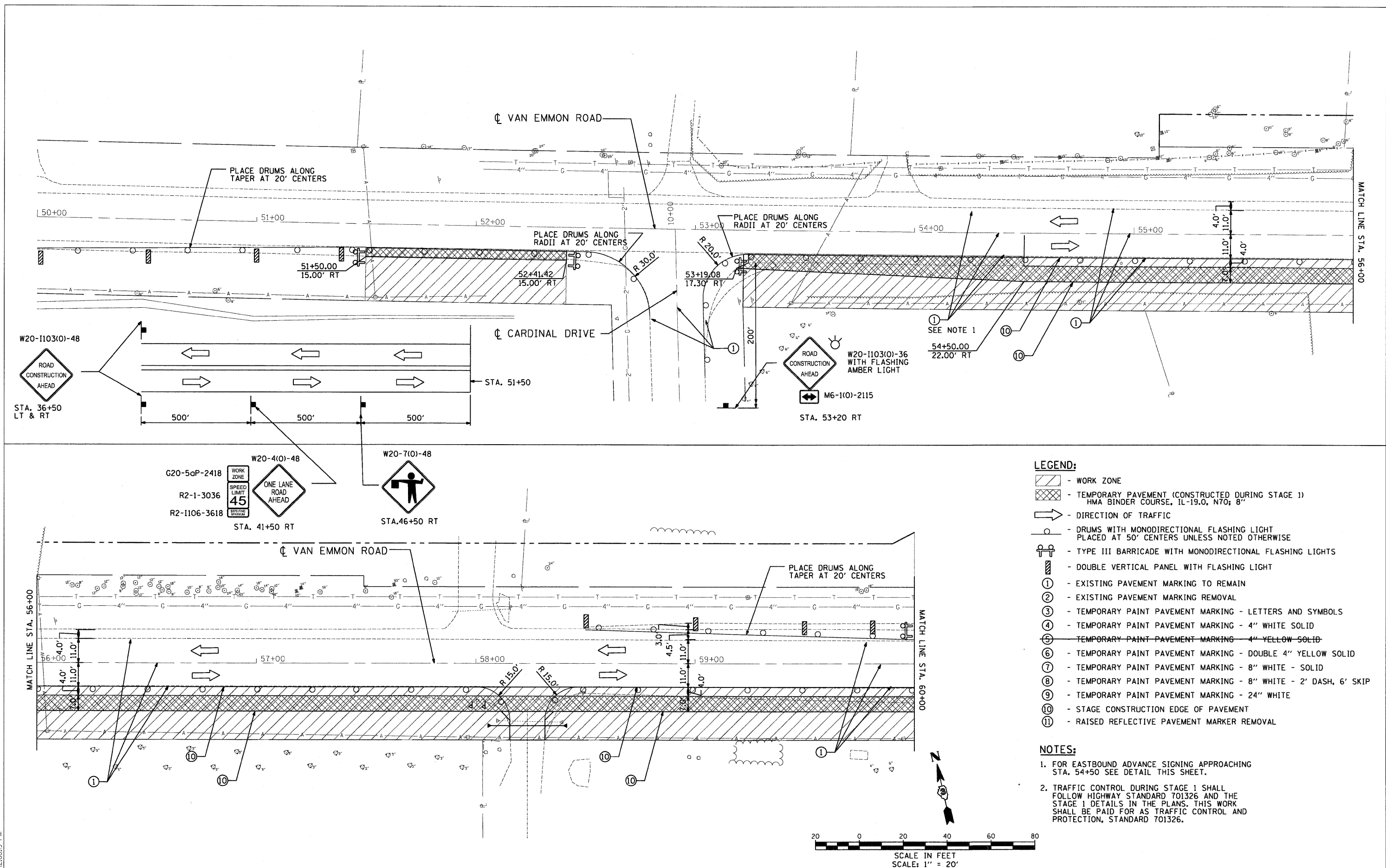
FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 1

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS

STA. 674+00 TO STA. 683+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	46
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

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		DRAWN - JWB	REVISED -					311	(1)-IN TS	KENDALL	92	47
	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -		SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 50+00 TO STA. 60+00			CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				

LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, IL-19.0, N70, 8"
- DIRECTION OF TRAFFIC
- DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
- TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- EXISTING PAVEMENT MARKING TO REMAIN
- EXISTING PAVEMENT MARKING REMOVAL
- TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
- TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
- STAGE CONSTRUCTION EDGE OF PAVEMENT
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

BEGIN TEMPORARY PAVEMENT
MARKINGS AT STA. 663+83

SEE NOTE 1

G20-1103(O)-3660

END
WORK ZONE
SPEED LIMIT
STA 648+83 LT

PLACE DRUMS ALONG
TAPER AT 20' CENTERS

W20-1103(O)-48

ROAD
CONSTRUCTION
AHEAD
STA 648+83
LT & RT

END TAPER
664+83.00
10.00' LT

664+83.00
1.00' LT

W1-6L(O)-6030
(ABOVE BARRICADE)
STA 664+73 RT

STA. 661+83

SCALE IN FEET
SCALE: 1" = 20'

MATCH LINE STA. 666+00

MATCH LINE STA. 666+00

MATCH LINE STA. 671+00

NOTES:

1. FOR NORTHBOUND ADVANCE SIGNING APPROACHING STA. 661+83 SEE DETAIL THIS SHEET.
2. TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
3. THE ADVISORY SPEED TO BE SHOWN BELOW THE REVERSE CURVE SIGNS (W13-1) SHALL BE DETERMINED AT THE SITE AND APPROVED BY THE ENGINEER.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 2

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 661+00 TO STA. 671+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	48
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

FILE NAME = USER NAME = _USER_ DESIGNED - JWB REVISED -
DRAWN - JWB REVISED -
PLOT SCALE = 20,0000' / IN. CHECKED - RS REVISED -
PLOT DATE = 3/31/2011 DATE = 03/31/2011 REVISED -

LEGEND:

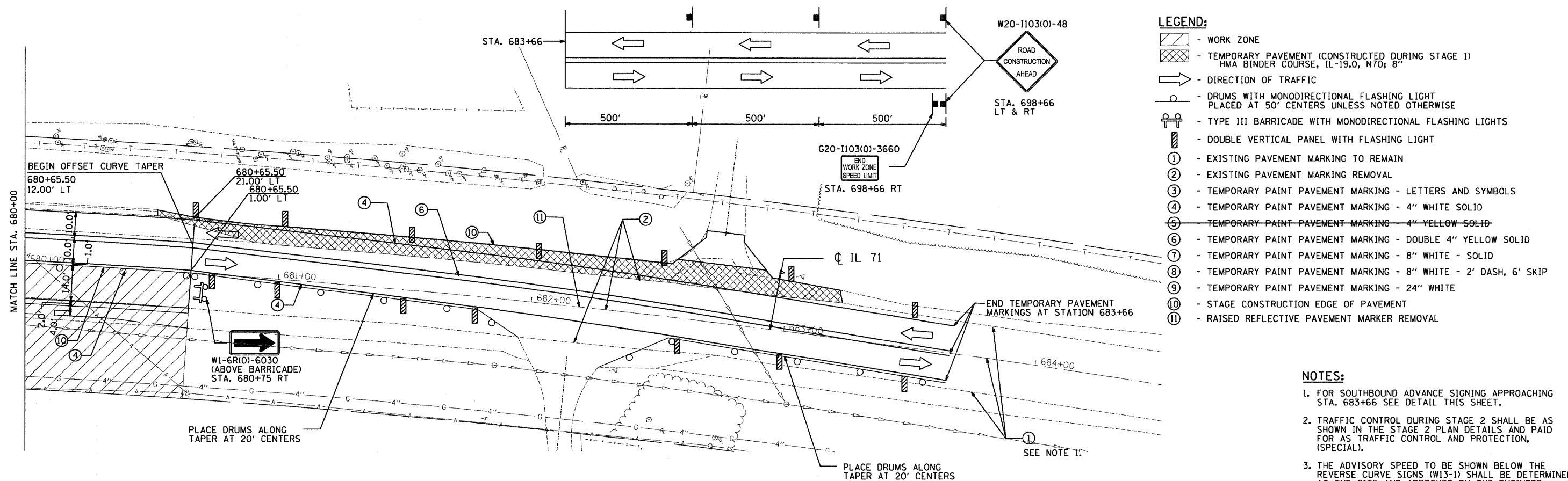
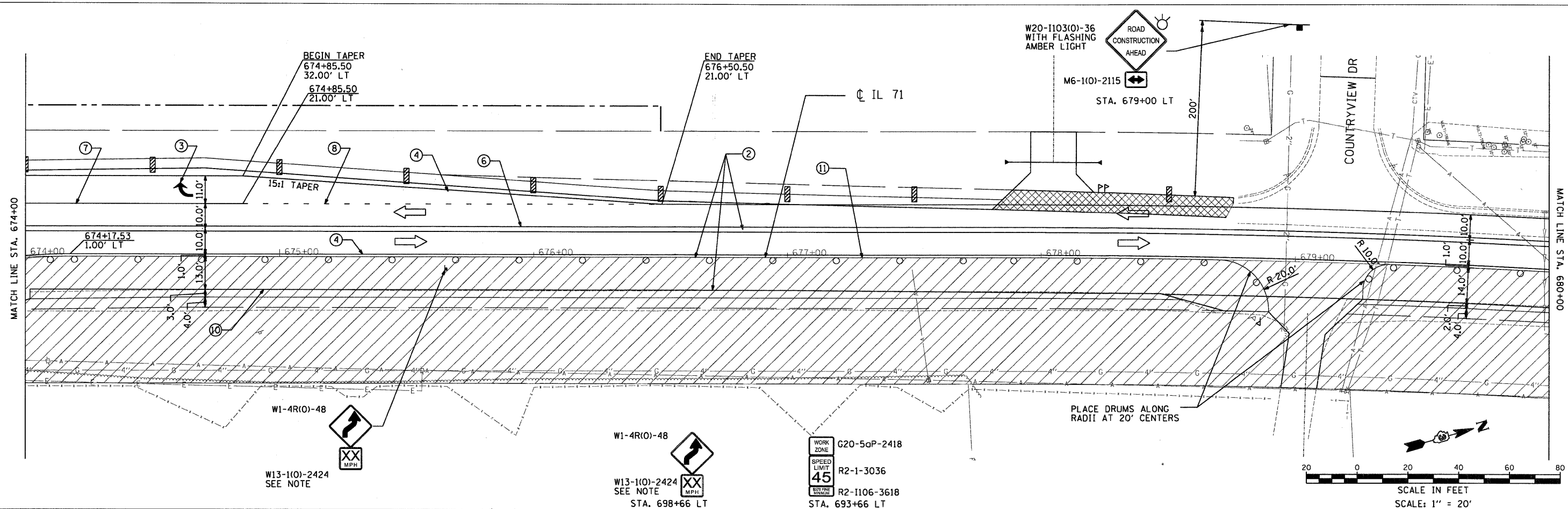
- WORK ZONE
- TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, IL-19.0, N70, 8"
- DIRECTION OF TRAFFIC
- DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
- TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
- DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
- EXISTING PAVEMENT MARKING TO REMAIN
- EXISTING PAVEMENT MARKING REMOVAL
- TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
- TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
- TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
- TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
- STAGE CONSTRUCTION EDGE OF PAVEMENT
- RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

NOTES:

- TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- FOLLOWING STAGE 2, SHORT TERM LANE CLOSURES USING DRUMS AT 20' CENTERS SHALL BE USED TO INSTALL THE DETECTOR LOOPS AND TO PERFORM VARIABLE DEPTH HMA SURFACE REMOVAL ADJACENT TO CURB AND GUTTER AS SHOWN ON THE TRAFFIC SIGNAL PLANS AND REMOVAL PLANS, RESPECTIVELY. ALL LANES SHALL REMAIN OPEN WHEN NO FLAGGER IS PRESENT. TRAFFIC CONTROL FOR THIS WORK SHALL FOLLOW IDOT HIGHWAY STANDARD 701301.

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FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -		SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 2		311	(1-IN TS)	KENDALL	92	49
	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -		SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS		CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		STA. 671+00 TO STA. 674+00		ILLINOIS FED. AID PROJECT				



- LEGEND:**
- WORK ZONE
 - TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, IL-19.0, N70; 8"
 - DIRECTION OF TRAFFIC
 - DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
 - TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
 - DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
 - ① - EXISTING PAVEMENT MARKING TO REMAIN
 - ② - EXISTING PAVEMENT MARKING REMOVAL
 - ③ - TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ④ - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
 - ⑤ - TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID
 - ⑥ - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
 - ⑦ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
 - ⑧ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
 - ⑨ - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
 - ⑩ - STAGE CONSTRUCTION EDGE OF PAVEMENT
 - ⑪ - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

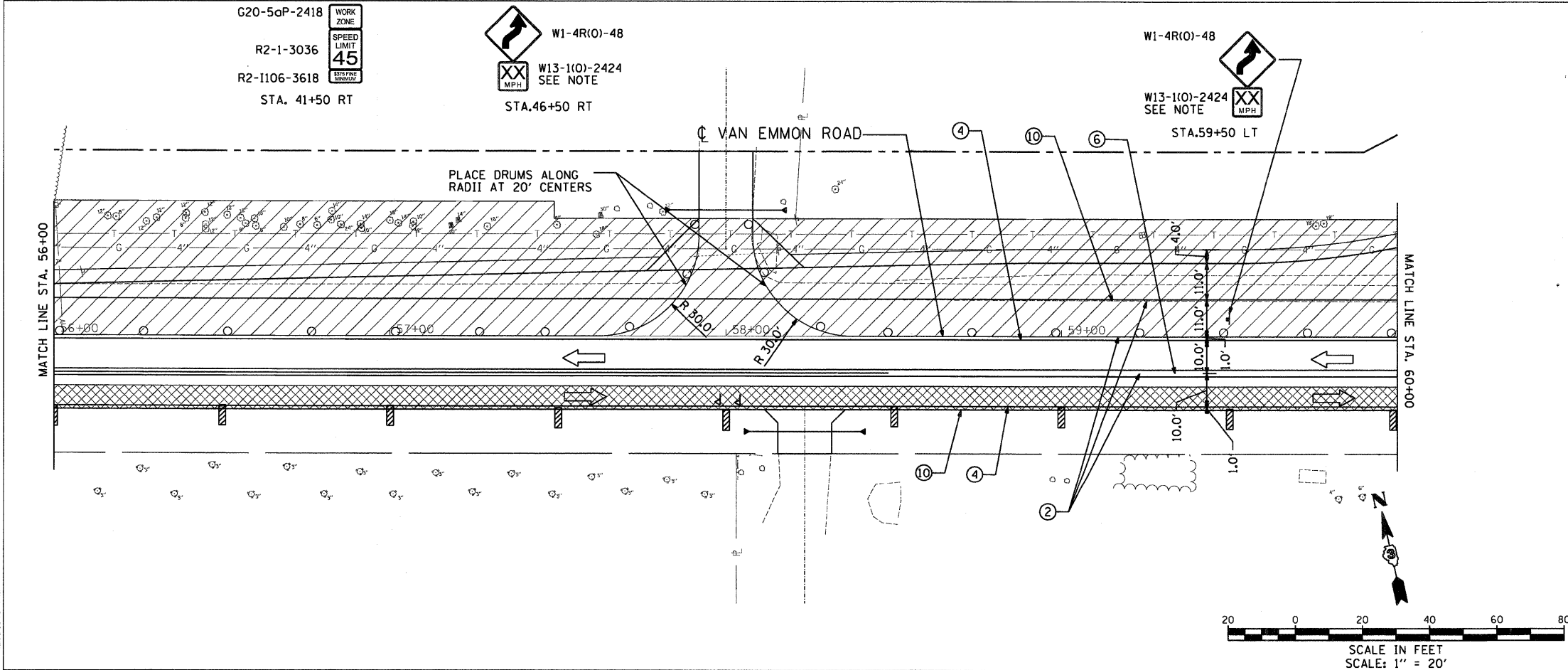
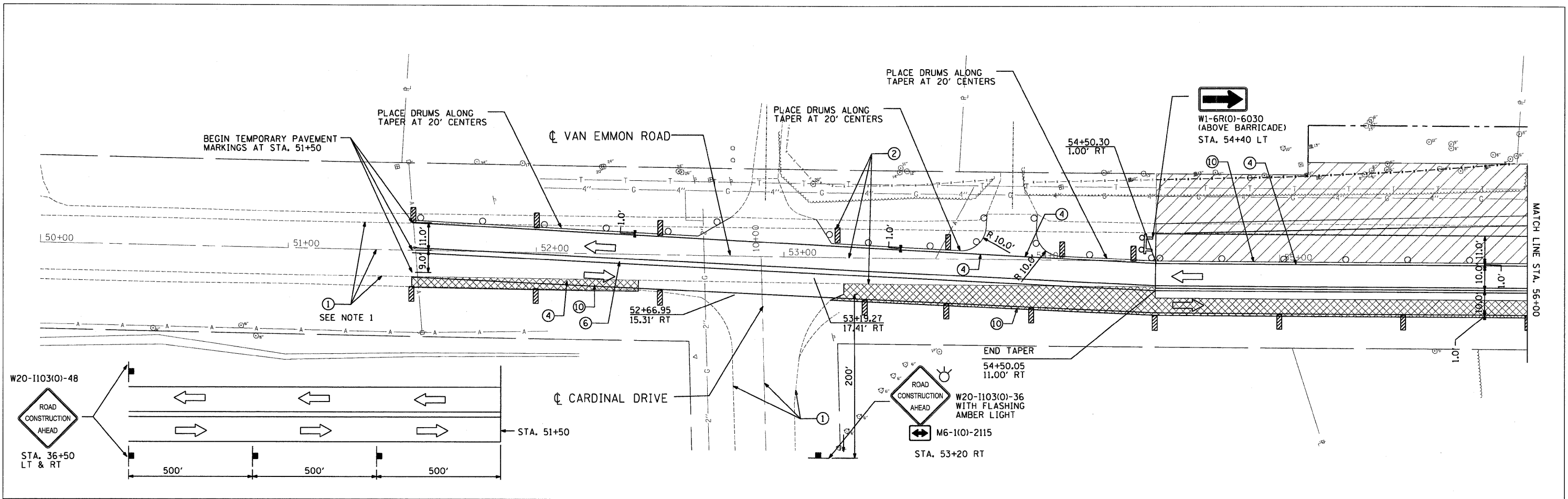
- NOTES:**
1. FOR SOUTHBOUND ADVANCE SIGNING APPROACHING STA. 683+66 SEE DETAIL THIS SHEET.
 2. TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
 3. THE ADVISORY SPEED TO BE SHOWN BELOW THE REVERSE CURVE SIGNS (W13-1) SHALL BE DETERMINED AT THE SITE AND APPROVED BY THE ENGINEER.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 2

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 674+00 TO STA. 683+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1N) TS	KENDALL	92	50
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- WORK ZONE
 - TEMPORARY PAVEMENT (CONSTRUCTED DURING STAGE 1)
HMA BINDER COURSE, IL-19.0, N70; 8"
 - DIRECTION OF TRAFFIC
 - DRUMS WITH MONODIRECTIONAL FLASHING LIGHT
PLACED AT 50' CENTERS UNLESS NOTED OTHERWISE
 - TYPE III BARRICADE WITH MONODIRECTIONAL FLASHING LIGHTS
 - DOUBLE VERTICAL PANEL WITH FLASHING LIGHT
 - ① - EXISTING PAVEMENT MARKING TO REMAIN
 - ② - EXISTING PAVEMENT MARKING REMOVAL
 - ③ - TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ④ - TEMPORARY PAINT PAVEMENT MARKING - 4" WHITE SOLID
 - ⑤ - TEMPORARY PAINT PAVEMENT MARKING - 4" YELLOW SOLID
 - ⑥ - TEMPORARY PAINT PAVEMENT MARKING - DOUBLE 4" YELLOW SOLID
 - ⑦ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - SOLID
 - ⑧ - TEMPORARY PAINT PAVEMENT MARKING - 8" WHITE - 2' DASH, 6' SKIP
 - ⑨ - TEMPORARY PAINT PAVEMENT MARKING - 24" WHITE
 - ⑩ - STAGE CONSTRUCTION EDGE OF PAVEMENT
 - ⑪ - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

- NOTES:**
1. FOR EASTBOUND ADVANCE SIGNING APPROACHING STA. 51+50
SEE DETAIL THIS SHEET.
 2. TRAFFIC CONTROL DURING STAGE 2 SHALL BE AS SHOWN IN THE
STAGE 2 PLAN DETAILS AND PAID FOR AS TRAFFIC CONTROL
AND PROTECTION, (SPECIAL).
 3. THE ADVISORY SPEED TO BE SHOWN BELOW THE REVERSE CURVE
SIGNS (W13-1) SHALL BE DETERMINED AT THE SITE AND
APPROVED BY THE ENGINEER.

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
		CHECKED - RS	REVISED -
		DATE - 03/31/2011	REVISED -

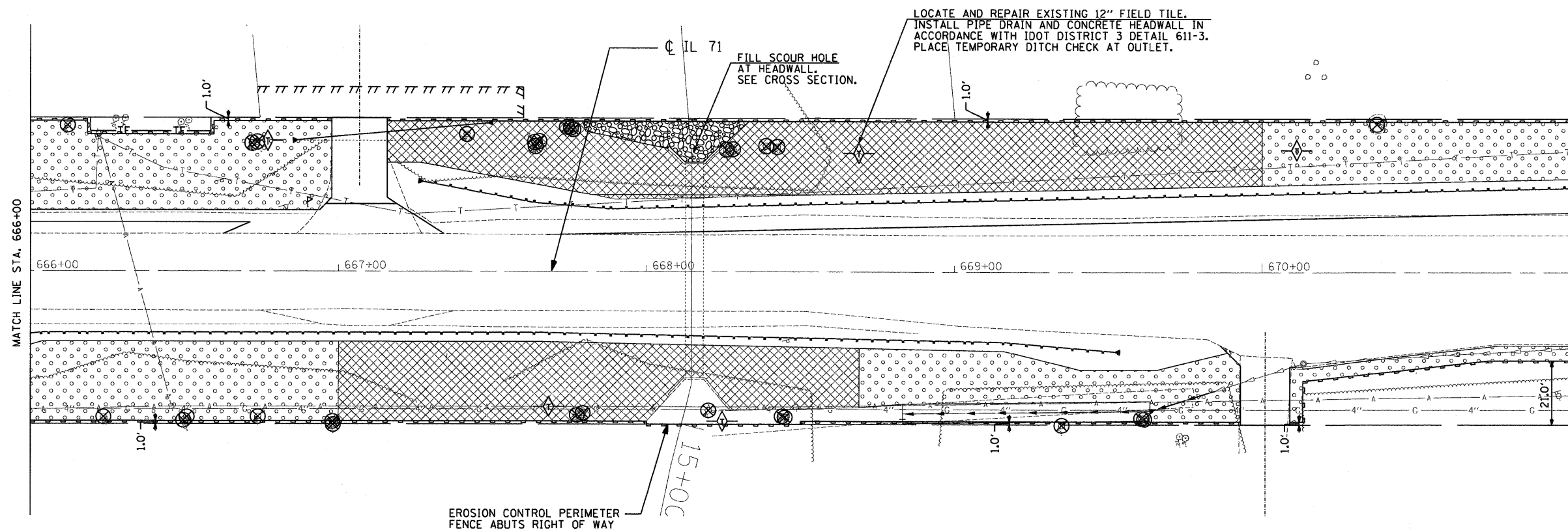
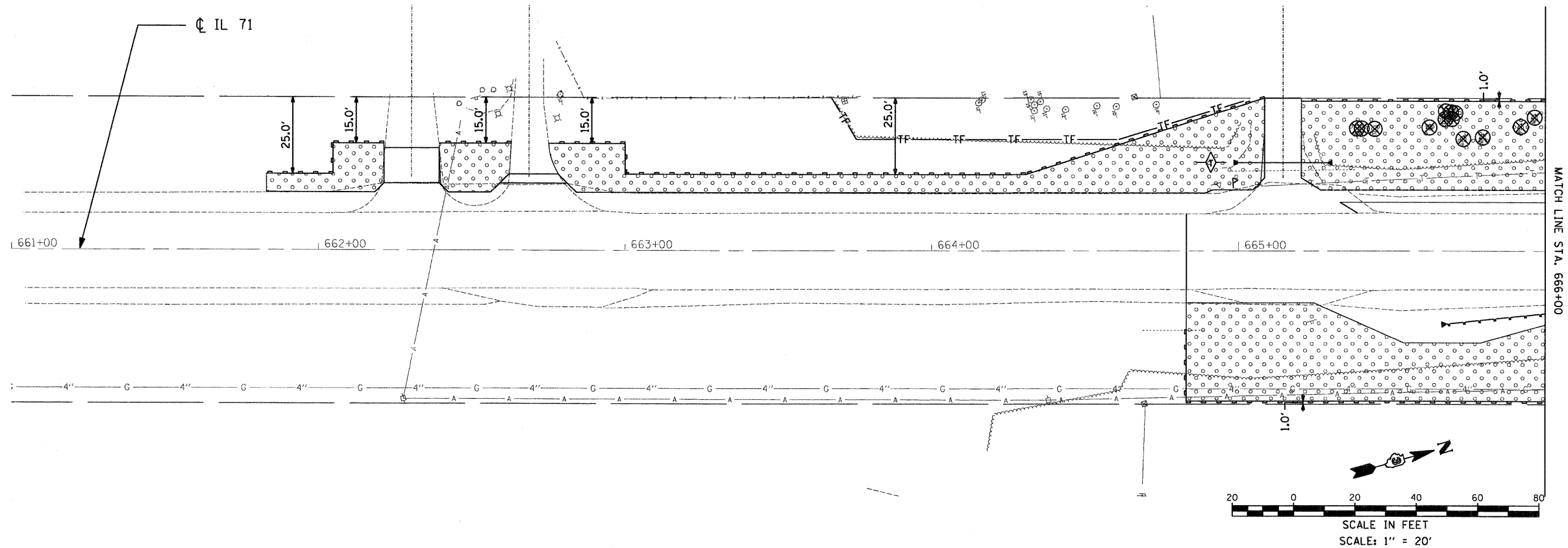
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SUGGESTED STAGING AND TRAFFIC CONTROL PLAN - STAGE 2

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 50+00 TO STA. 60+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	51
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

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EROSION CONTROL LEGEND:

- TEMPORARY DITCH CHECK, 12 FT
- EROSION CONTROL PERIMETER BARRIER
- TREE REMOVAL (SEE REMOVAL PLANS FOR ADDITIONAL CLEARING AREA LIMITS)
- TF— TEMPORARY TREE PROTECTION FENCE AND CANOPY PRUNING

LANDSCAPING LEGEND:

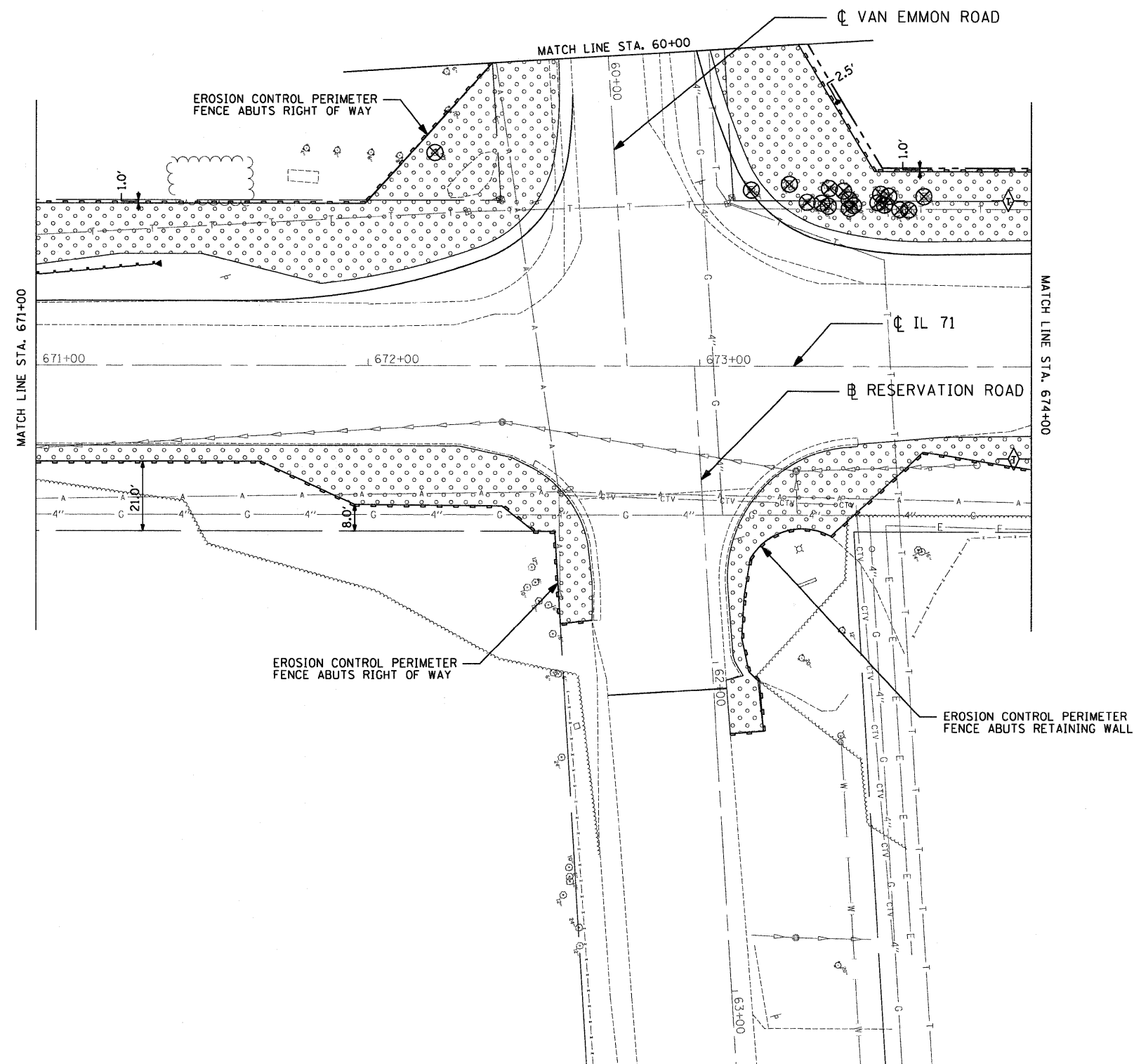
- SEEDING (CLASS 2A) WITH EROSION BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- SEEDING (CLASS 2A) WITH HEAVY DUTY EROSION BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- STONE RIPRAP, CLASS A5

NOTES

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE.
2. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.

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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS EROSION AND SEDIMENT CONTROL PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1)-1IN TS	KENDALL	92	52
	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -								CONTRACT NO. 66955	
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -								ILLINOIS FED. AID PROJECT	
				SCALE: 1" = 20 FT		SHEET NO. -- OF -- SHEETS		STA. 661+00 TO STA. 671+00				



EROSION CONTROL LEGEND:

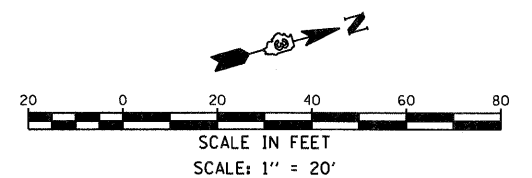
- TEMPORARY DITCH CHECK, 12 FT
- EROSION CONTROL PERIMETER BARRIER
- TREE REMOVAL (SEE REMOVAL PLANS FOR ADDITIONAL CLEARING AREA LIMITS)
- TEMPORARY TREE PROTECTION FENCE AND CANOPY PRUNING

LANDSCAPING LEGEND:

- SEEDING (CLASS 2A) WITH EROSION BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- SEEDING (CLASS 2A) WITH HEAVY DUTY EROSION BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- STONE RIPRAP, CLASS A5

NOTES

- TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.



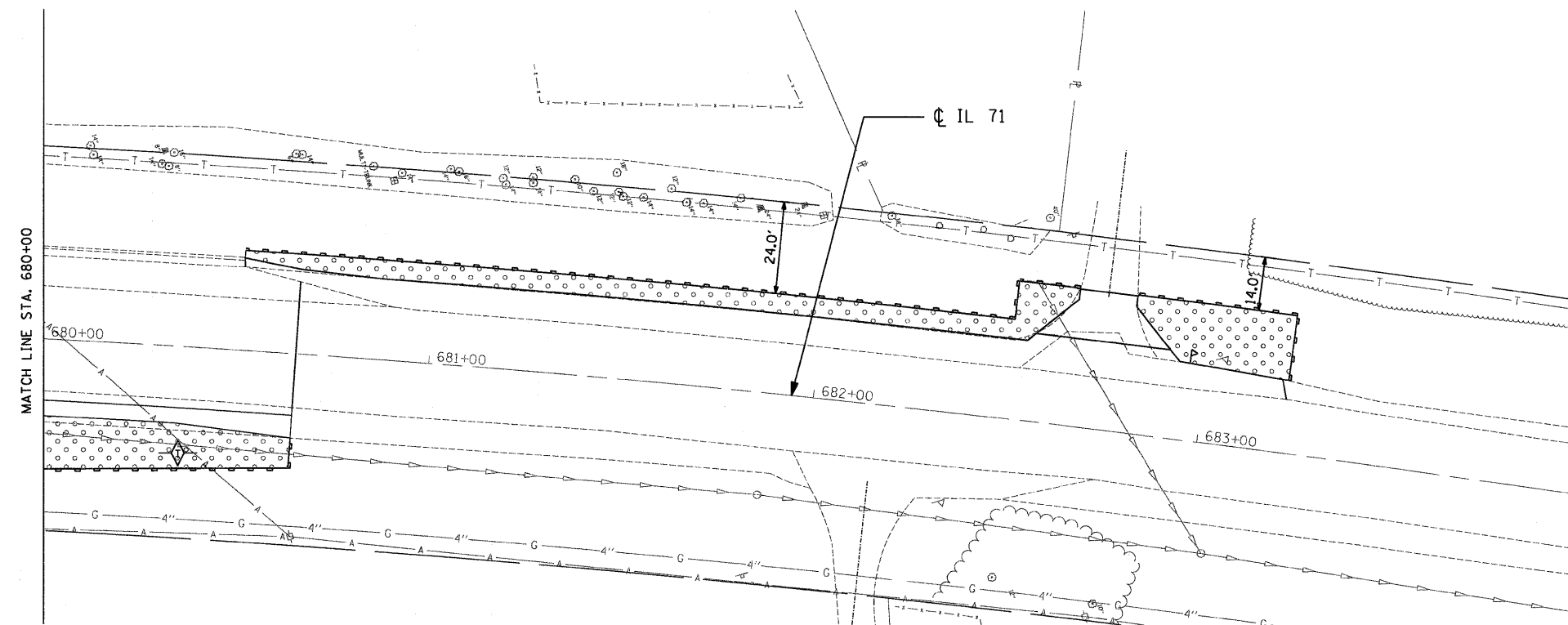
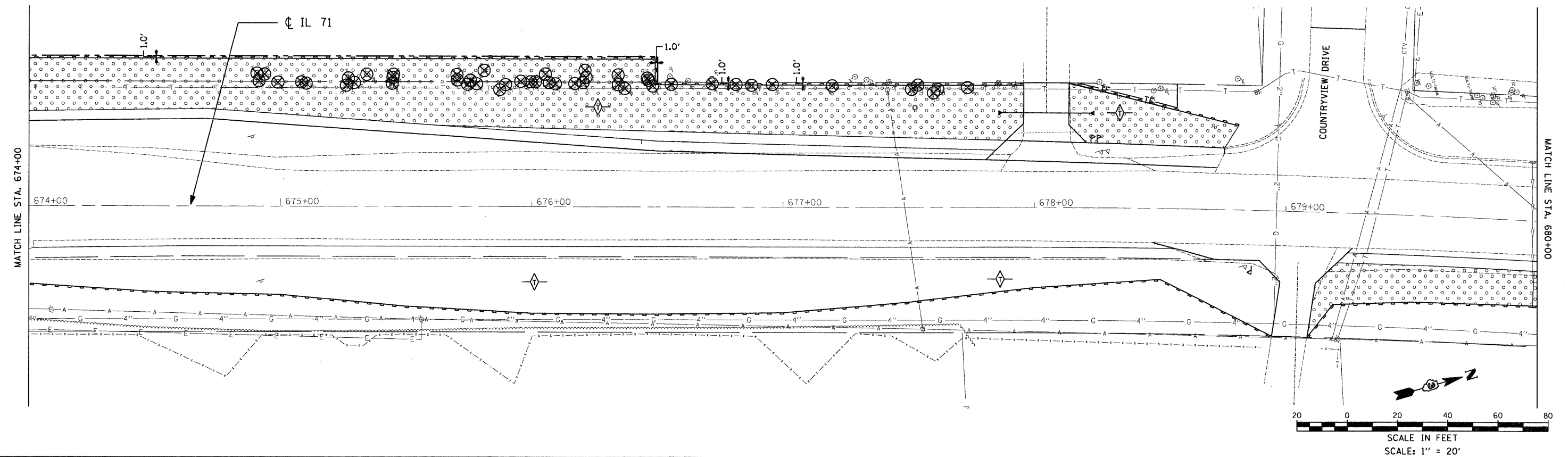
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

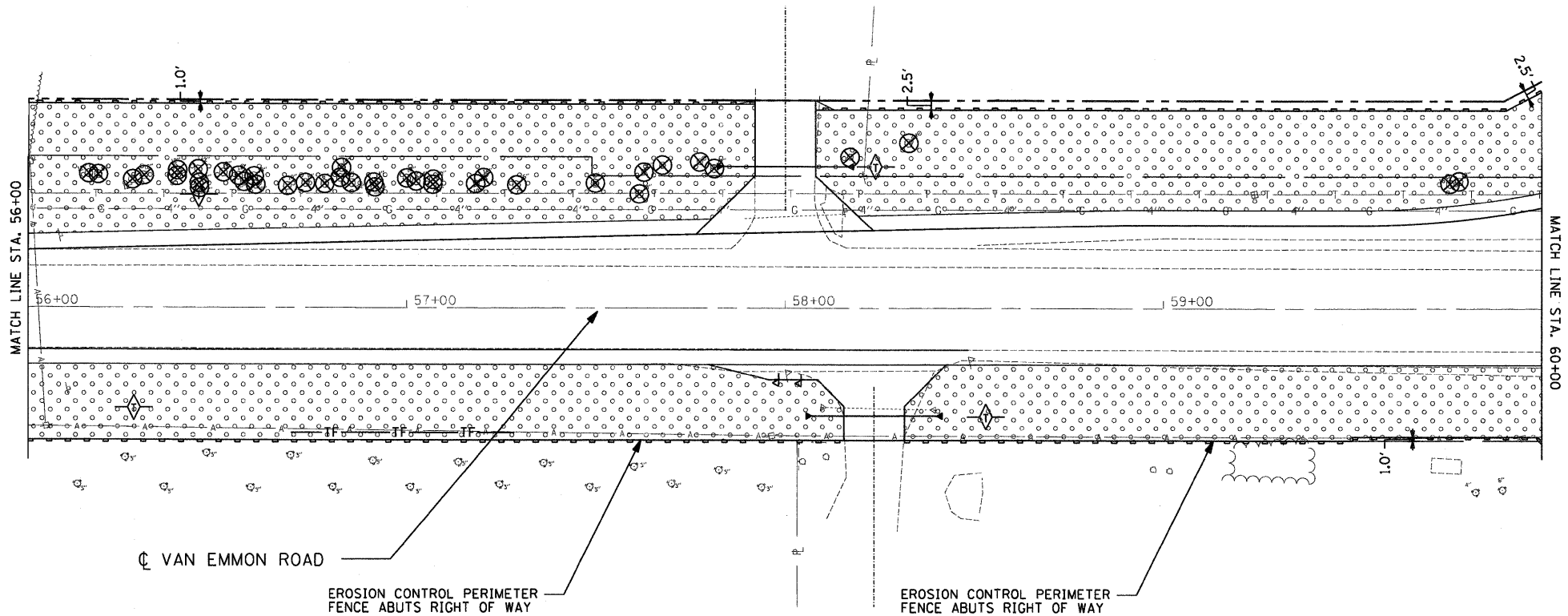
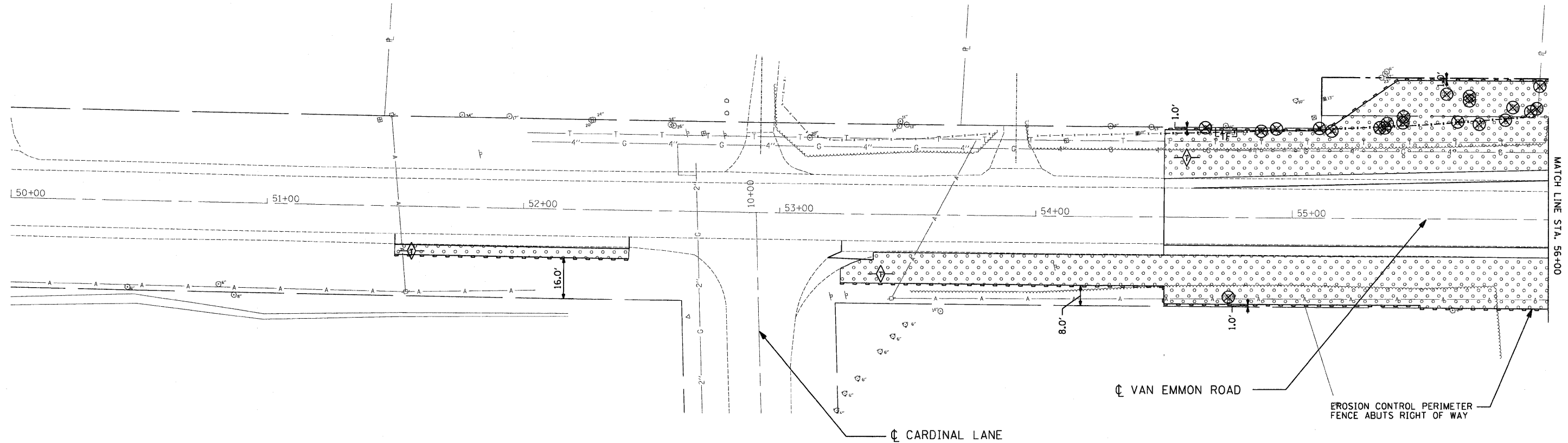
FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 671+00 TO STA. 674+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	53
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -
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	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -





EROSION CONTROL LEGEND:

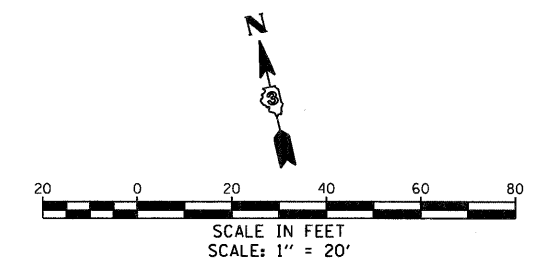
- TEMPORARY DITCH CHECK, 12 FT
- EROSION CONTROL PERIMETER BARRIER
- TREE REMOVAL (SEE REMOVAL PLANS FOR ADDITIONAL CLEARING AREA LIMITS)
- TEMPORARY TREE PROTECTION FENCE AND CANOPY PRUNING

LANDSCAPING LEGEND:

- SEEDING (CLASS 2A) WITH EROSION BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- SEEDING (CLASS 2A) WITH HEAVY DUTY EROSION BLANKET & VEGETATIVE SUSTAINING SOIL; 4"
- STONE RIPRAP, CLASS A5

NOTES

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED OVER PROPOSED TOPSOIL LOCATIONS AT A RATE OF 100 POUNDS PER ACRE.
2. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND WORK AREAS ARE STABILIZED.



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
EROSION AND SEDIMENT CONTROL PLAN**

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1)-IN TS	KENDALL	92	55
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

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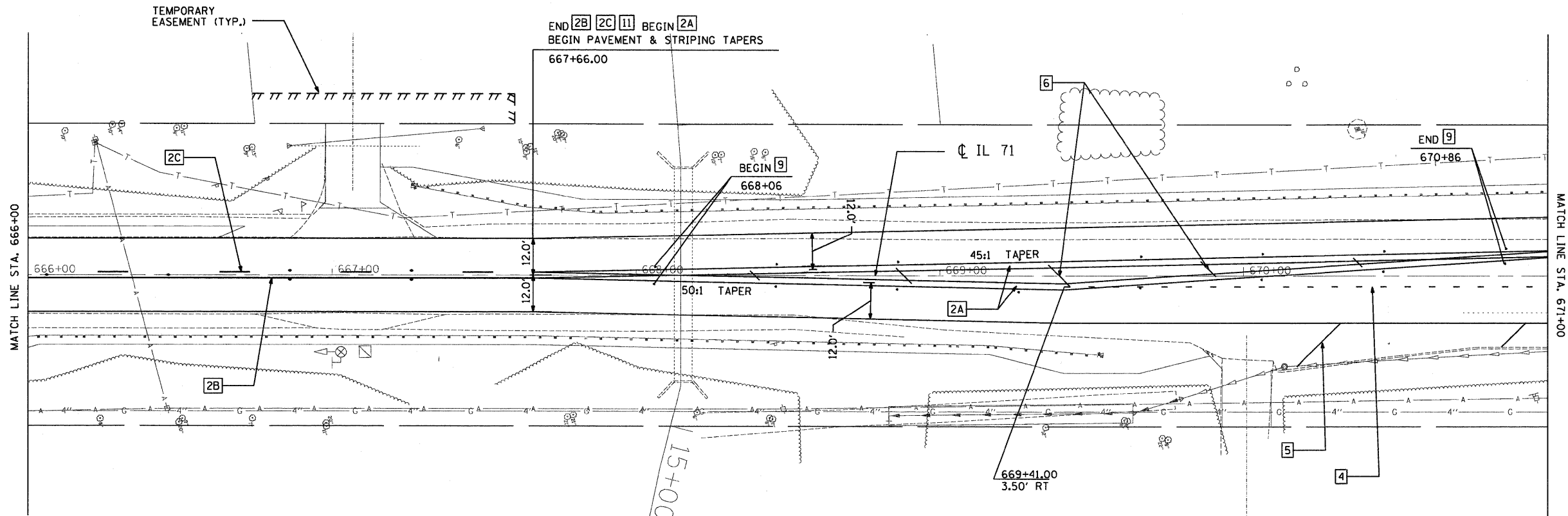
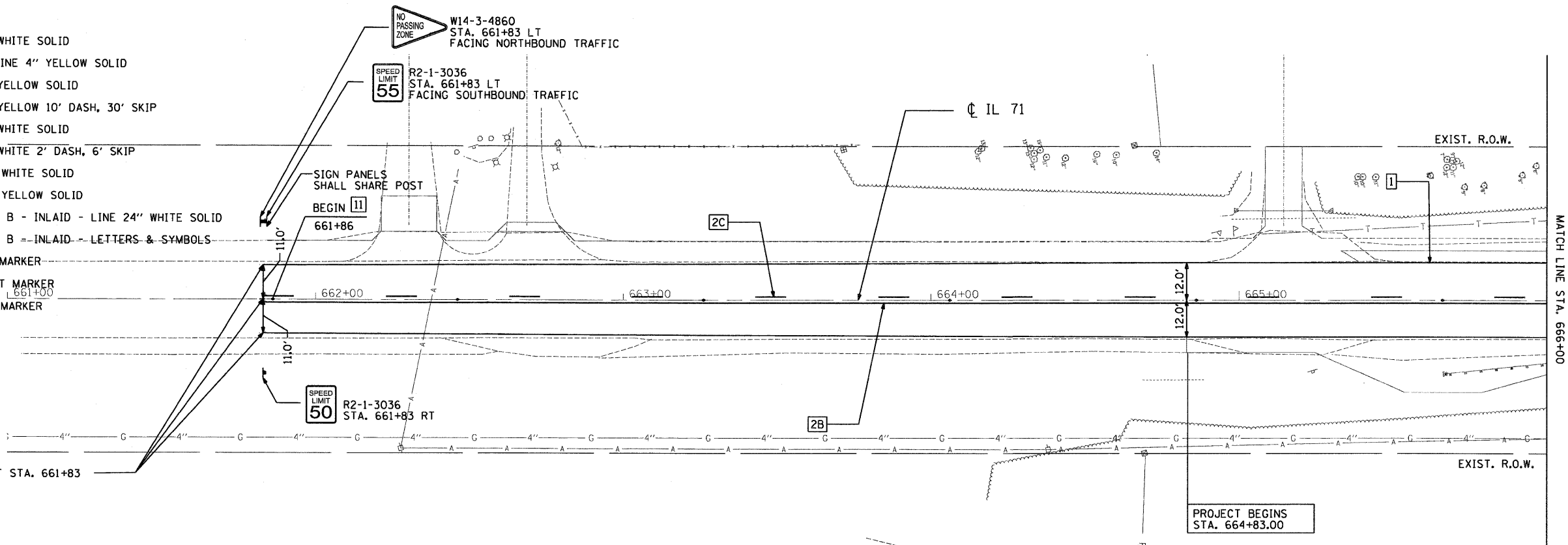
PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- 2A THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4" YELLOW SOLID
- 2B THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- 2C THERMOPLASTIC PAVEMENT MARKING - LINE 6" YELLOW 10' DASH, 30' SKIP
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE 2' DASH, 6' SKIP
- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- 7 PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LINE 24" WHITE SOLID
- 8 PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LETTERS & SYMBOLS
- 9 ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER
- 10 ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
- 11 TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

- 1. PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL FOLLOW IDOT STANDARD 781001.
- 2. ALL SIGNS SHALL HAVE WOOD SUPPORTS.

BEGIN PAVEMENT MARKINGS AT STA. 661+83



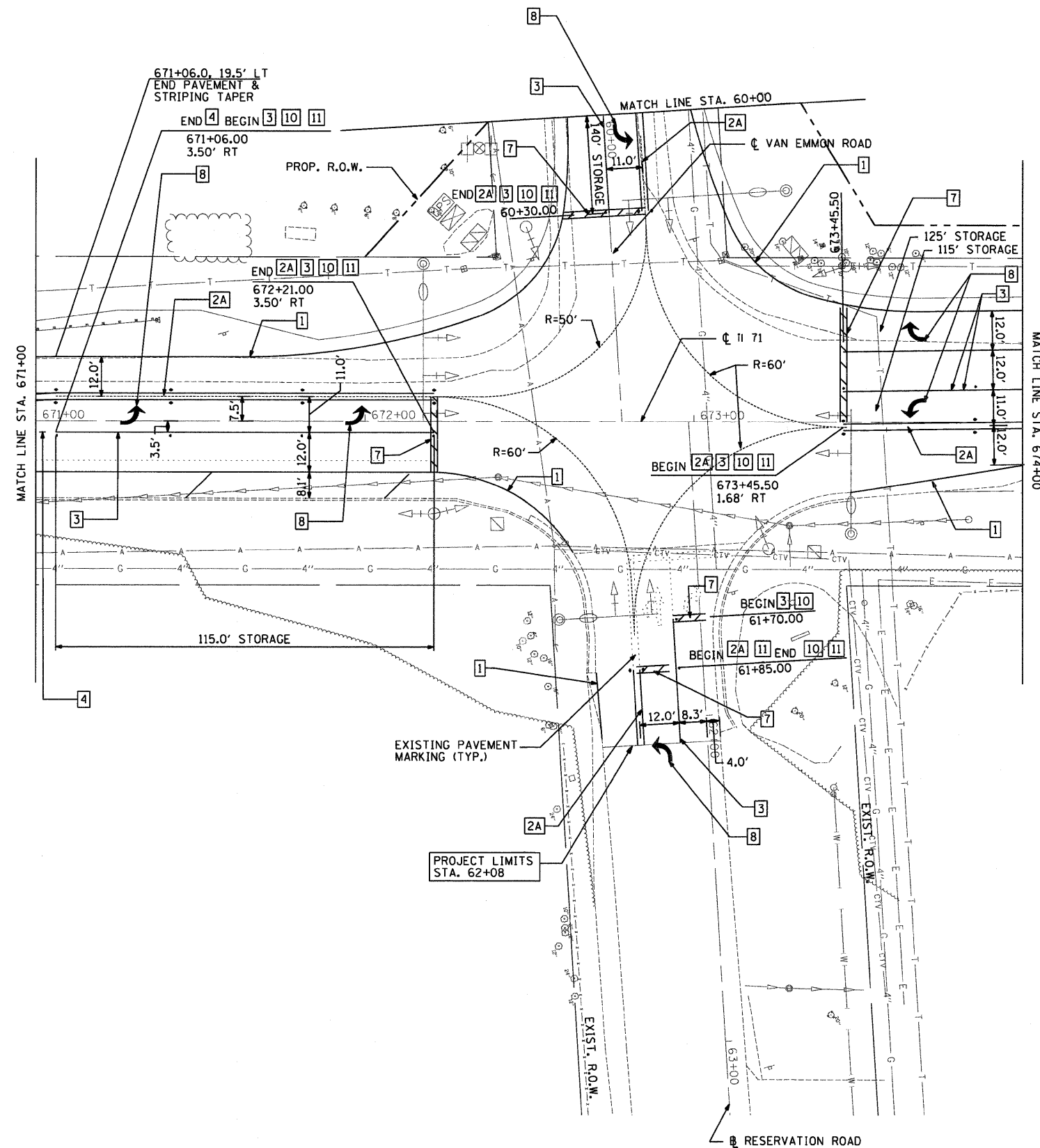
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 661+00 TO STA. 671+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	56
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

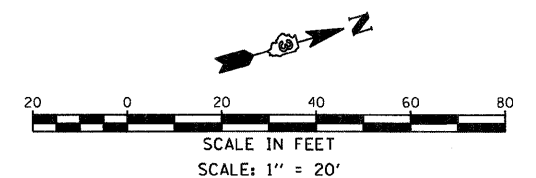


PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- 2A THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4" YELLOW SOLID
- 2B THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- 2C THERMOPLASTIC PAVEMENT MARKING - LINE 6" YELLOW 10' DASH, 30' SKIP
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
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- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- 7 PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LINE 24" WHITE SOLID
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- 9 ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER
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- 11 TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

1. PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL FOLLOW IDOT STANDARD 781001.
2. ALL SIGNS SHALL HAVE WOOD SUPPORTS.



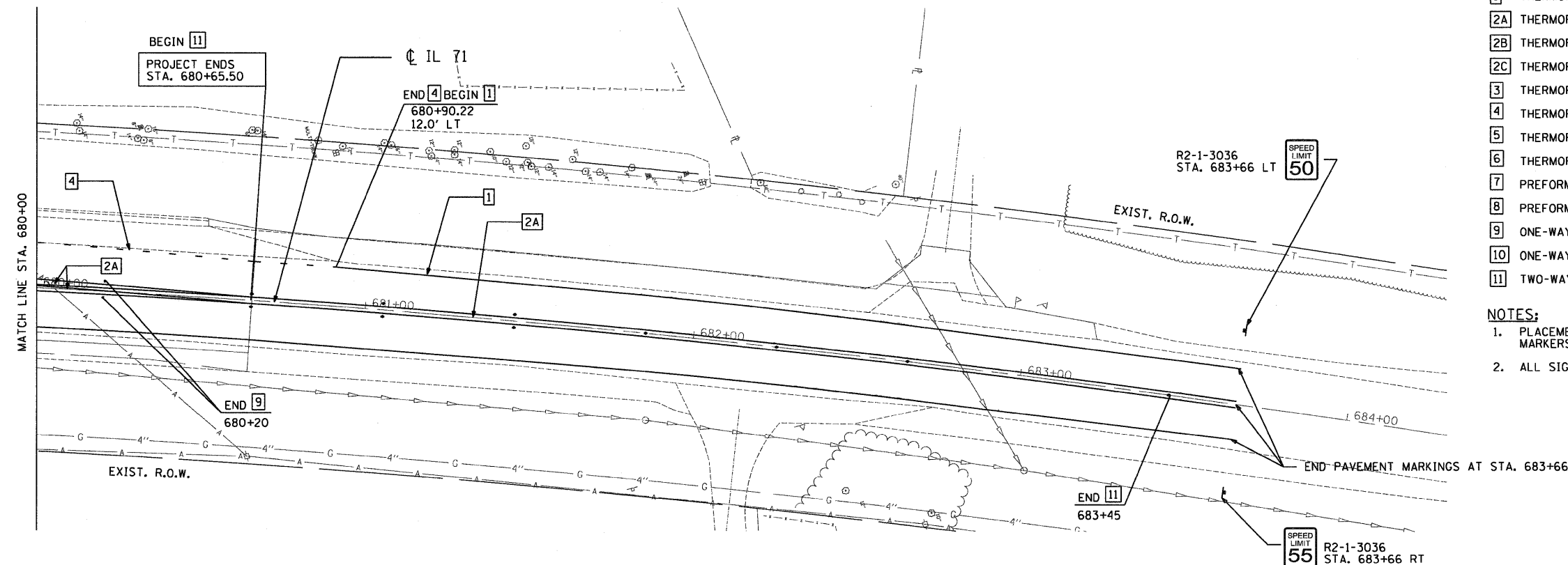
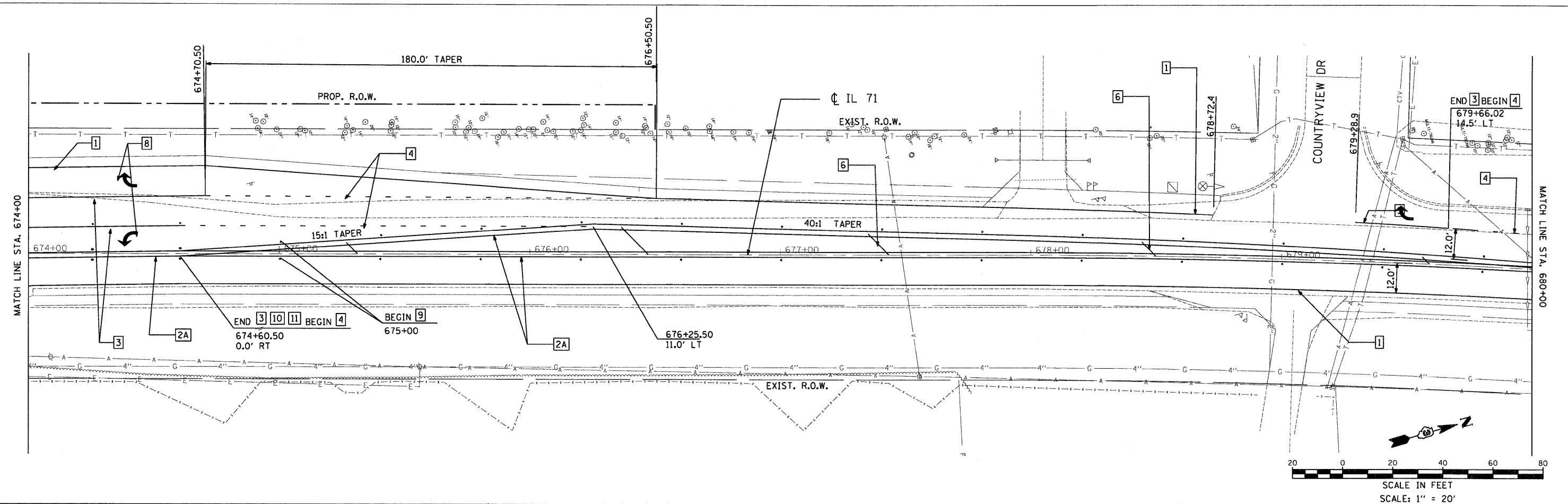
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 20 FT SHEET NO. -- OF -- SHEETS STA. 671+00 TO STA. 674+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	57
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
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PAVEMENT MARKING LEGEND

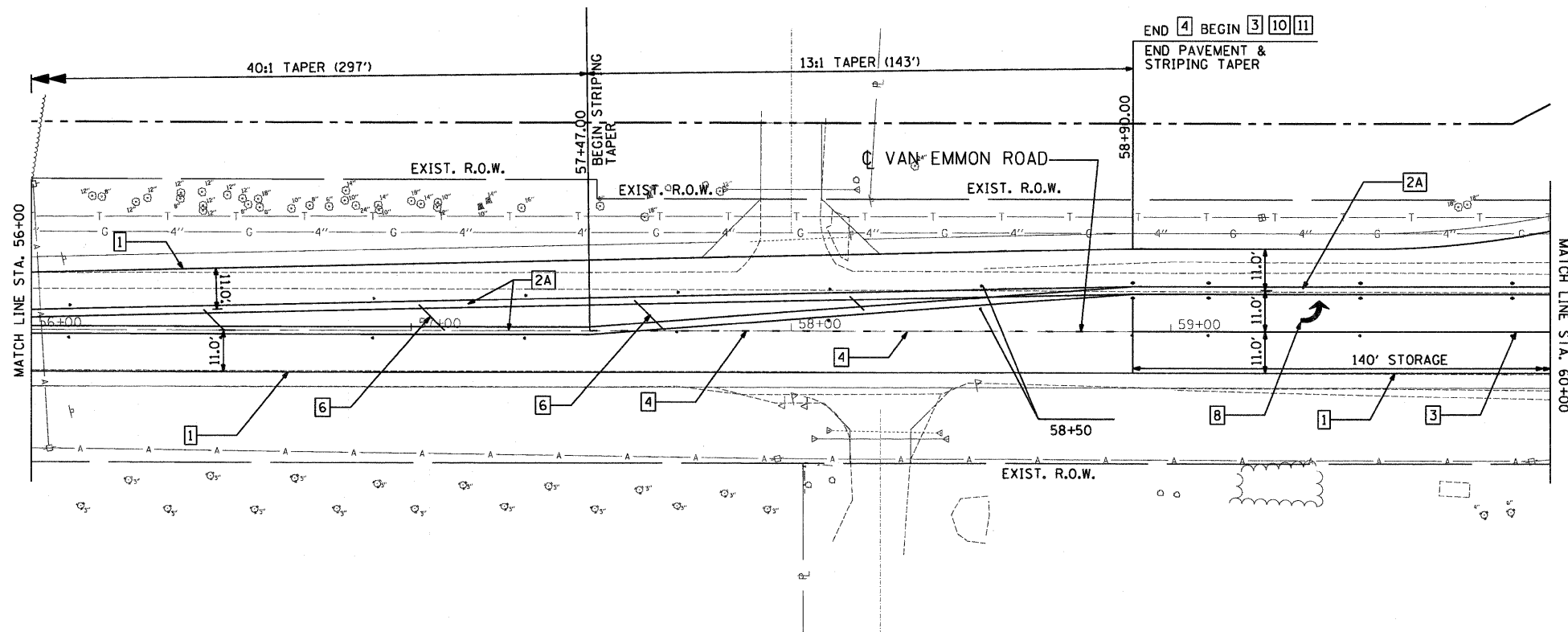
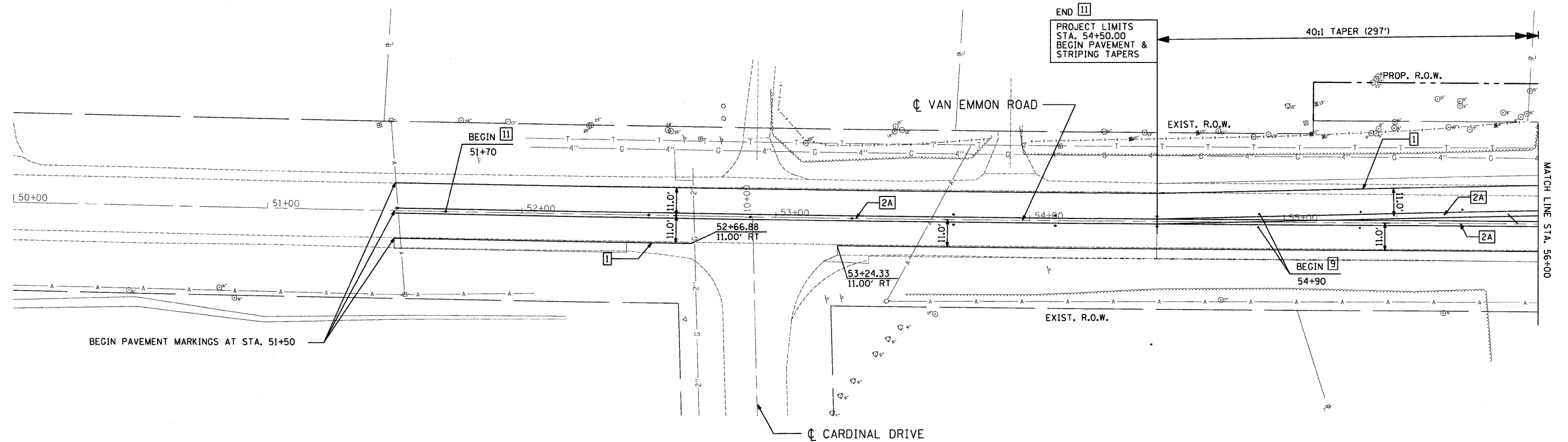
- [1] THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- [2A] THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4" YELLOW SOLID
- [2B] THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- [2C] THERMOPLASTIC PAVEMENT MARKING - LINE 6" YELLOW 10' DASH, 30' SKIP
- [3] THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- [4] THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE 2' DASH, 6' SKIP
- [5] THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE SOLID
- [6] THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW SOLID
- [7] PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LINE 24" WHITE SOLID
- [8] PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LETTERS & SYMBOLS
- [9] ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER
- [10] ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
- [11] TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

1. PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL FOLLOW IDOT STANDARD 781001.
2. ALL SIGNS SHALL HAVE WOOD SUPPORTS.

FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS PAVEMENT MARKING AND SIGNING PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	58
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				

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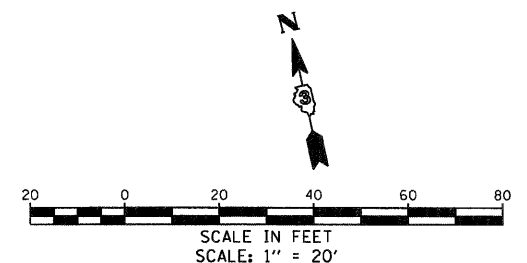


PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE SOLID
- 2A THERMOPLASTIC PAVEMENT MARKING - DOUBLE LINE 4" YELLOW SOLID
- 2B THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW SOLID
- 2C THERMOPLASTIC PAVEMENT MARKING - LINE 6" YELLOW 10' DASH, 30' SKIP
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE SOLID
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE 2' DASH, 6' SKIP
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- 7 PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LINE 24" WHITE SOLID
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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS PAVEMENT MARKING AND SIGNING PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-1N TS)	KENDALL	92	59
		CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20 FT		SHEET NO. -- OF -- SHEETS		STA. 50+00 TO STA. 60+00				

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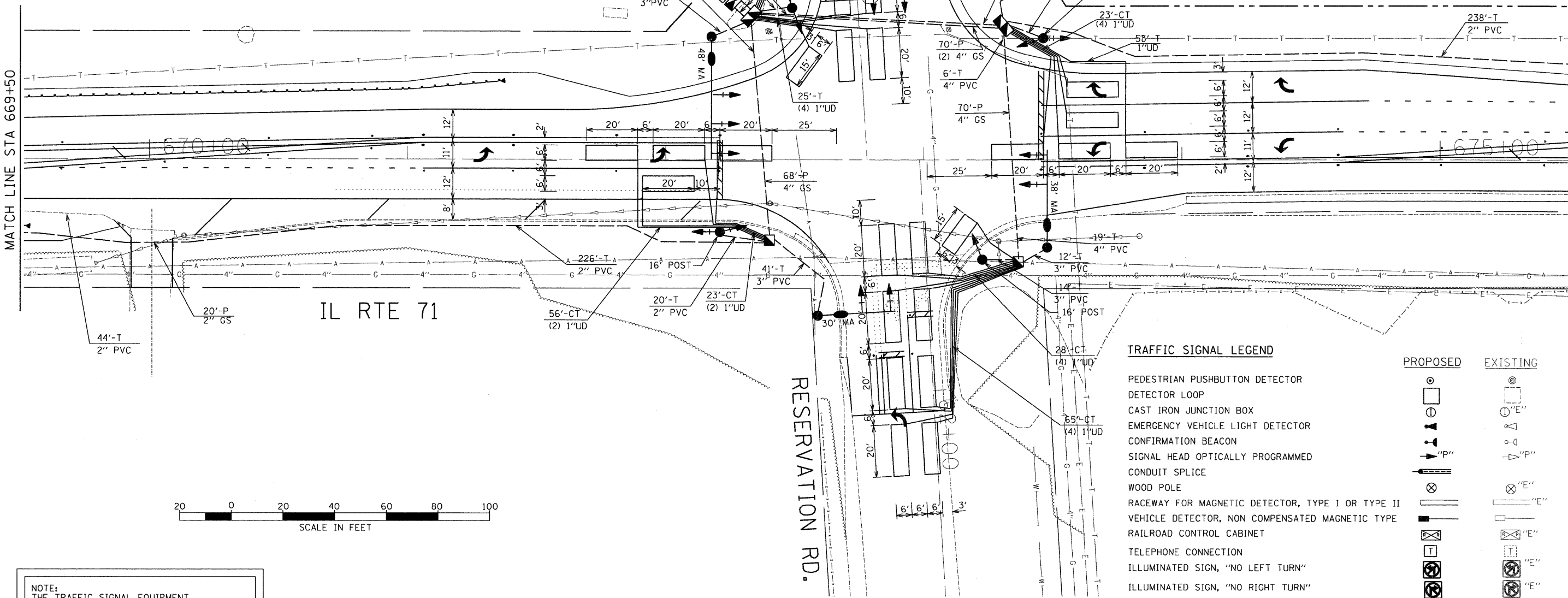
SIGNAL INSTALLATION STATIONING		
ITEM	STATION	OFFSET
SW MAST ARM	672+17.7	48.0 LT
SW SIGNAL POST	672+48.9	59.3 LT
NW MAST ARM	673+28.0	70.5 LT
NW SIGNAL POST	673+46.3	47.6 LT
NE MAST ARM	673+47.8	34.0 RT
NE SIGNAL POST	673+22.7	38.8 RT
SE MAST ARM	672+59.0	60.3 RT
SE SIGNAL POST	672+21.0	28.2 RT
CONTROLLER	672+26.6	62.1 LT
SW DOUBLE HANDHOLE	672+33.1	56.0 LT
NW DOUBLE HANDHOLE	673+30.8	52.7 LT
NE HANDHOLE	673+36.6	31.3 RT
SE HANDHOLE	672+40.2	39.7 RT
EB FAR HANDHOLE	667+10.9	25.5 RT
EB FAR FLASHER	667+03.0	25.5 RT
WB FAR HANDHOLE	678+56.4	27.7 LT
WB FAR FLASHER	678+68.5	28.4 LT

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

TWO ELECTRICAL SERVICE INSTALLATIONS, ONE EACH FOR LIGHTING AND FOR TRAFFIC SIGNALS, WILL BE REQUIRED. REFER TO SECTIONS 804 AND 805 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARDS 805001 AND 825021 FOR FURTHER DETAILS. MOUNT TRAFFIC SIGNAL SERVICE INSTALLATION ON LIGHTING POLE.

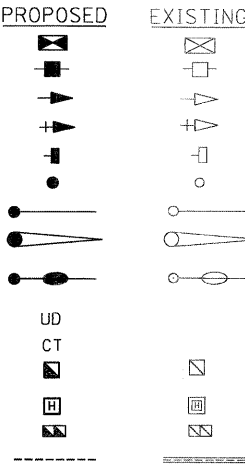
TYPE E FOUNDATION DEPTHS			
MAST ARM	STATION	OFFSET	DEPTH
SW MAST ARM	672+17.7	48.0 LT	15
NW MAST ARM	673+28.0	70.5 LT	15
NE MAST ARM	673+47.8	34.0 RT	14
SE MAST ARM	672+59.0	60.3 RT	14

LOCATIONS OF TRAFFIC SIGNAL POSTS AND MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.



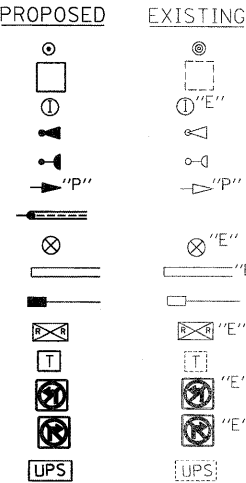
TRAFFIC SIGNAL LEGEND

- CONTROLLER
SERVICE INSTALLATION
SIGNAL HEAD
SIGNAL HEAD WITH BACK PLATE
SIGNAL HEAD, PEDESTRIAN
SIGNAL POST
MAST ARM ASSEMBLY AND POLE, STEEL
MAST ARM ASSEMBLY AND POLE, ALUMINUM
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
UNIT DUCT
COMMON TRENCH
HANDHOLE
HEAVY DUTY HANDHOLE
DOUBLE HANDHOLE
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)



TRAFFIC SIGNAL LEGEND

- PEDESTRIAN PUSHBUTTON DETECTOR
DETECTOR LOOP
CAST IRON JUNCTION BOX
EMERGENCY VEHICLE LIGHT DETECTOR
CONFIRMATION BEACON
SIGNAL HEAD OPTICALLY PROGRAMMED
CONDUIT SPLICE
WOOD POLE
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
RAILROAD CONTROL CABINET
TELEPHONE CONNECTION
ILLUMINATED SIGN, "NO LEFT TURN"
ILLUMINATED SIGN, "NO RIGHT TURN"
UNINTERRUPTIBLE POWER SUPPLY



NOTE:
THE TRAFFIC SIGNAL EQUIPMENT
FOR THIS PROJECT SHALL BE "ECONOLITE"
TO MATCH THE EXISTING ADJACENT SYSTEM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TRAFFIC SIGNAL PLAN

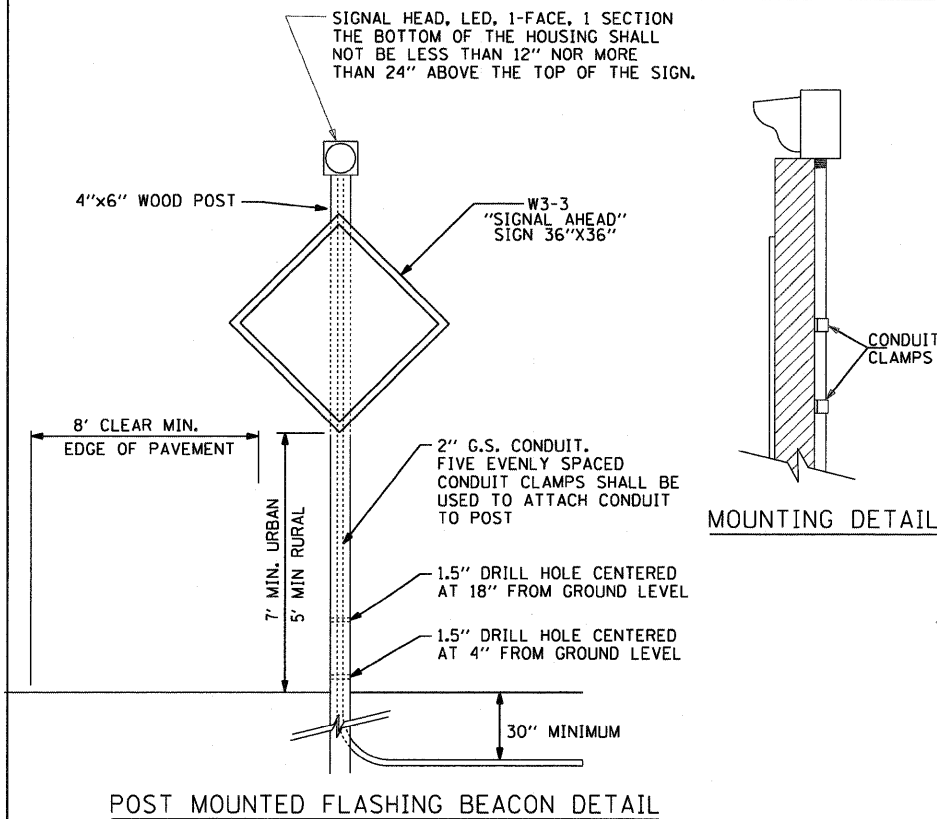
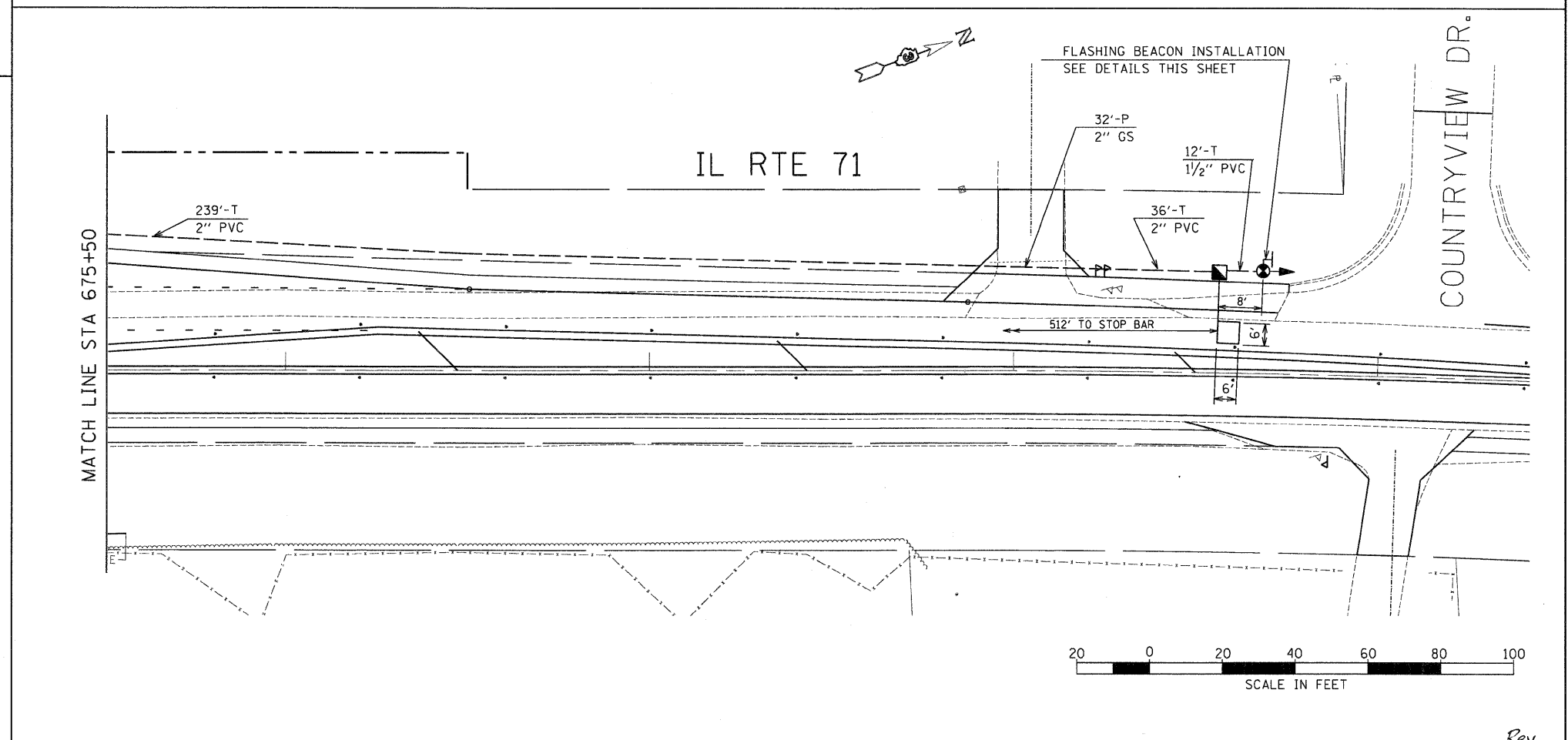
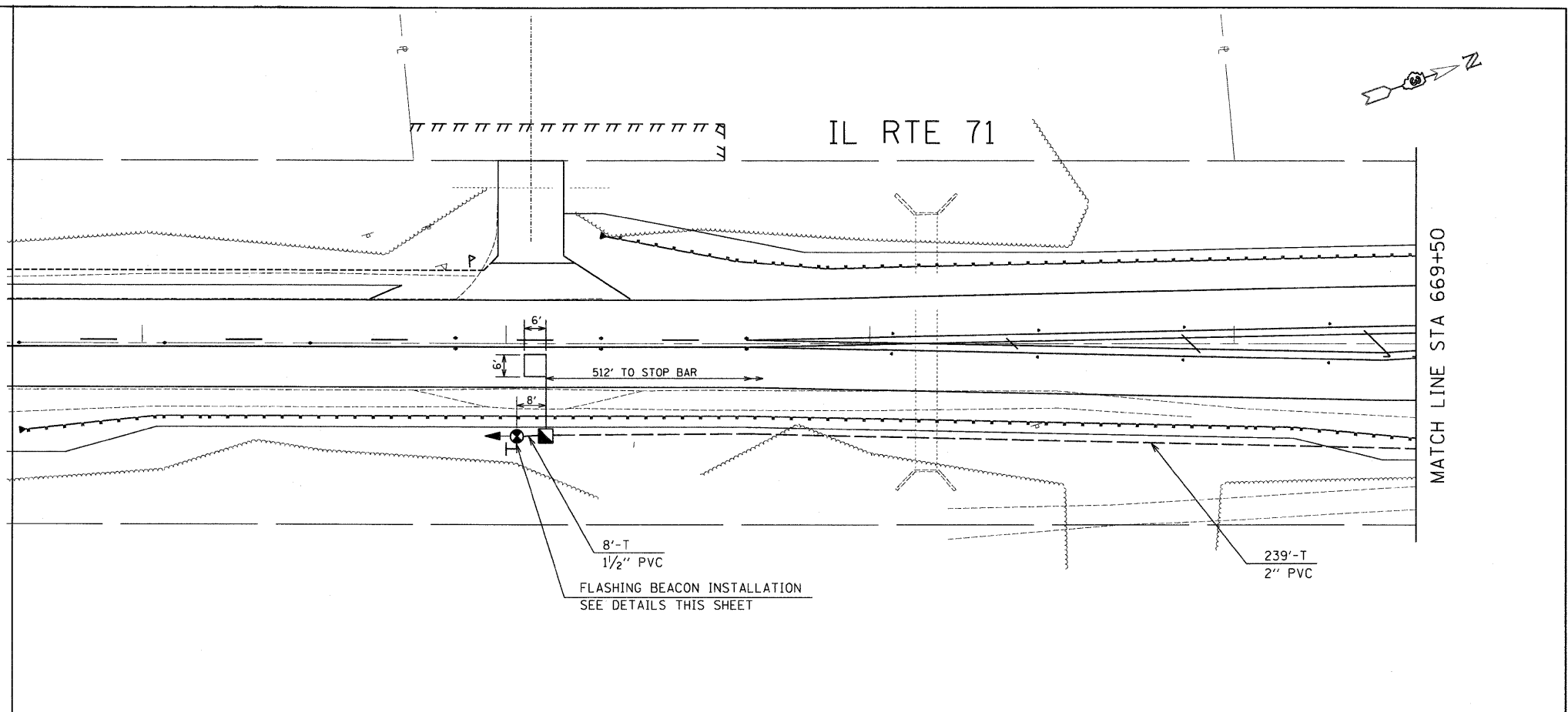
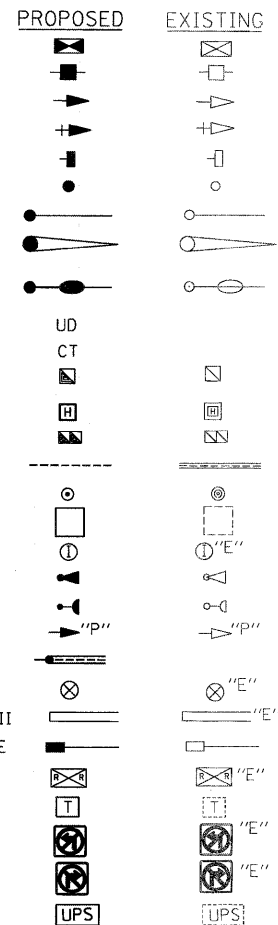
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1N TS)	KENDALL	92	60
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

SHEET NO. OF SHEETS STA. TO STA.

Rev.

TRAFFIC SIGNAL LEGEND

CONTROLLER
SERVICE INSTALLATION
SIGNAL HEAD
SIGNAL HEAD WITH BACK PLATE
SIGNAL HEAD, PEDESTRIAN
SIGNAL POST
MAST ARM ASSEMBLY AND POLE, STEEL
MAST ARM ASSEMBLY AND POLE, ALUMINUM
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
UNIT DUCT
COMMON TRENCH
HANDHOLE
HEAVY DUTY HANDHOLE
DOUBLE HANDHOLE
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
PEDESTRIAN PUSHBUTTON DETECTOR
DETECTOR LOOP
CAST IRON JUNCTION BOX
EMERGENCY VEHICLE LIGHT DETECTOR
CONFIRMATION BEACON
SIGNAL HEAD OPTICALLY PROGRAMMED
CONDUIT SPLICE
WOOD POLE
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
RAILROAD CONTROL CABINET
TELEPHONE CONNECTION
ILLUMINATED SIGN, "NO LEFT TURN"
ILLUMINATED SIGN, "NO RIGHT TURN"
UNINTERRUPTIBLE POWER SUPPLY



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CHECKED - RS
DATE - 03/31/2011

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
TRAFFIC SIGNAL PLAN

SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 311 SECTION (1-1)N TS COUNTY KENDALL TOTAL SHEETS 92 SHEET NO. 61 CONTRACT NO. 66955 ILLINOIS FED. AID PROJECT

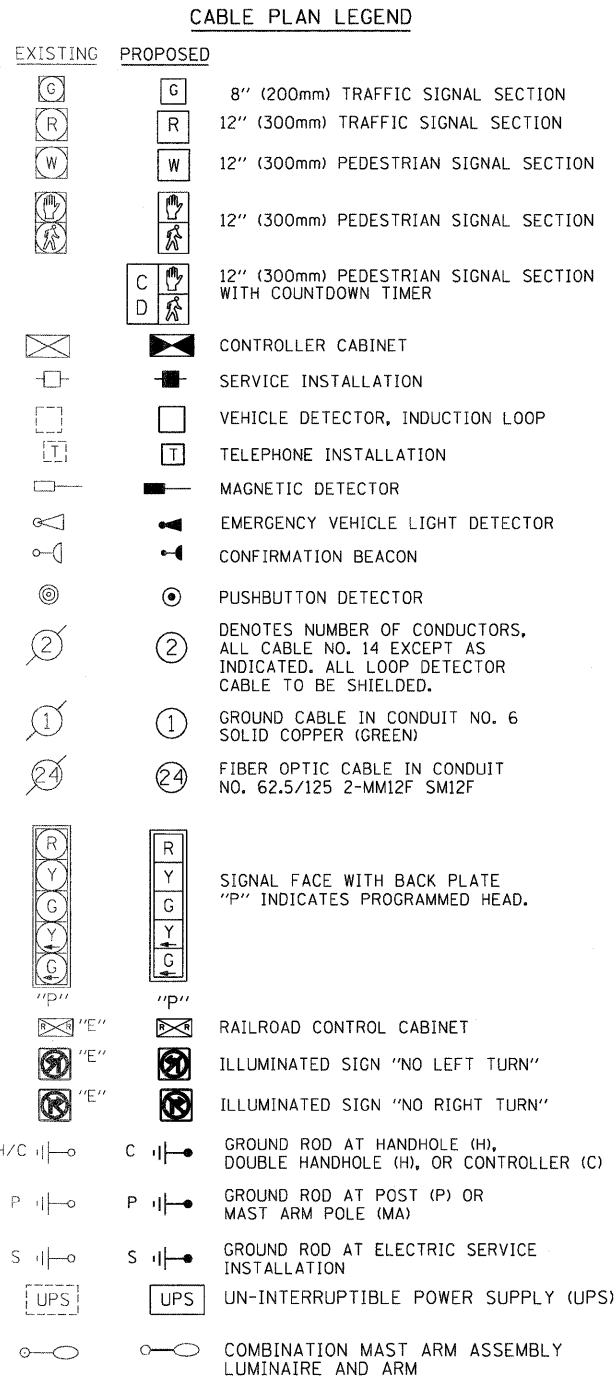
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DATE/TIME: 3/31/2011 12:00:10 PM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE LED	% OPERATION		
SIGNAL (RED)	15	17	0.50		127.5
(YELLOW)	15	25	0.25		93.75
(GREEN)	15	15	0.25		56.25
ARROW	20	12	0.10		24.0
CONTROLLER	1	100	1.00		100.0
LIGHTING (HPS)	4	250	0.48		480.0
FLASHER	2	25	0.50		25.0
TOTAL =					806.5
ENERGY COST TO: Illinois Department of Transportation Division of Highways / District 3 700 E. Norris Dr., Ottawa, IL 61350					
ENERGY SUPPLY: CONTACT: Mr. Thomas Perkins PHONE: 630 723-2127 COMPANY: ComEd					
FILE NAME =	USER NAME = .USER.	DESIGNED - RS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
#FILE#		DRAWN - RS	REVISED -		
	PLOT SCALE = 20.0000' / IN.	CHECKED - RS	REVISED -		
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		

FOUNDATION (DEPTH)	(FT.) (m)	CABLE SLACK	(FT.) (m)	CABLE SLACK	(FT.) (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H-2' (6m-H-0.6m)
E - M. ARM POLE	2 (0.6)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.3)	PED. PUSH-BUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
36" (910mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.3)	POST MOUNTED	6 (1.8)

CABLE PLAN

NOTE: EQUIPMENT GROUND CONDUCTOR (GREEN COLOR CODED) SPLICE TO FRAME AND COVER IS REQUIRED FOR ALL HANDHOLES AND DOUBLE HANDHOLES THAT CARRY SIGNAL CABLES AND SERVICE CABLES.



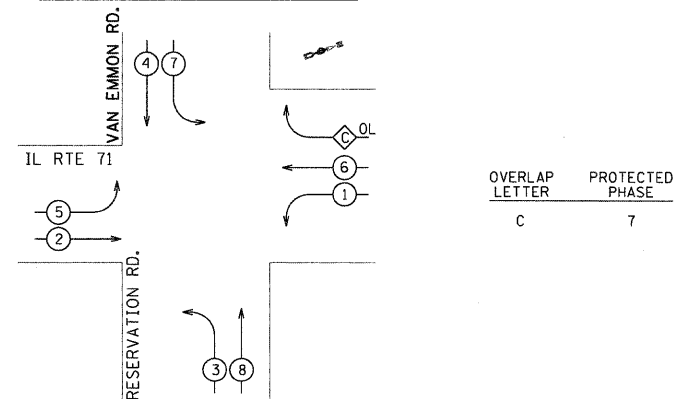
SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
SAFETY - TRAFFIC SIGNALS AND LIGHTING		
SIGN PANEL - TYPE 1	SQ.FT.	15
SIGN PANEL - TYPE 2	SQ.FT.	60
ELECTRIC SERVICE INSTALLATION	EACH	1
SERVICE INSTALLATION, TYPE B	EACH	1
CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	20
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	1108
CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	66
CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	88
CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	105
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	52
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	278
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	597
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1387
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1435
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	931
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1001
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3204
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	108
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1656
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	58
FLASHING BEACON INSTALLATION	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15
INDUCTIVE LOOP DETECTOR	EACH	17
DETECTOR LOOP, TYPE I	FOOT	1763

DETECTOR LOOP INDUCTANCE CHART

LOOP	LABEL	NO. OF TURNS	J-PIN STATUS
A	06 SB STBR RL	4	OFF
B	06 SB STBR LL	4	OFF
C	06 SB FAR	5	ON
D	01 SB LT	4	ON
E	08 WB STBR	4	ON
F	08 WB STBR	4	ON
G	03 WB LT	4	ON
H	08 WB FAR	4	ON
I	03 WB LT FAR	4	ON
J	02 NB FAR	5	ON
K	02 NB STBR	4	OFF
L	05 NB LT	4	ON
M	04 EB STBR	4	ON
N	04 EB STBR	4	ON
O	07 EB LT	4	ON
P	04 EB FAR	4	ON
Q	07 EB LT FAR	4	ON

PHASE DESIGNATION DIAGRAM



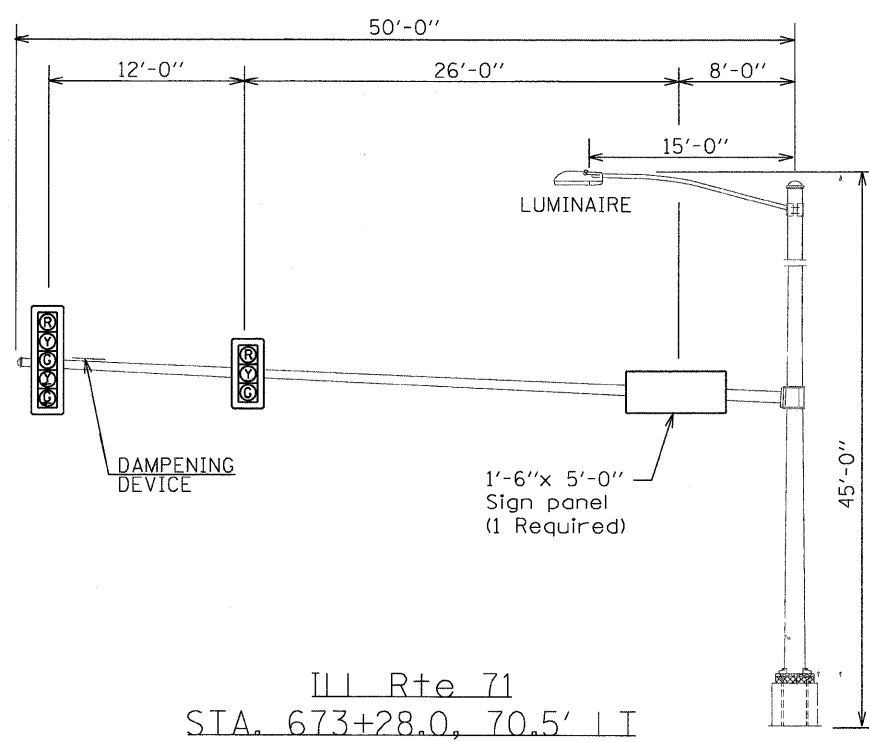
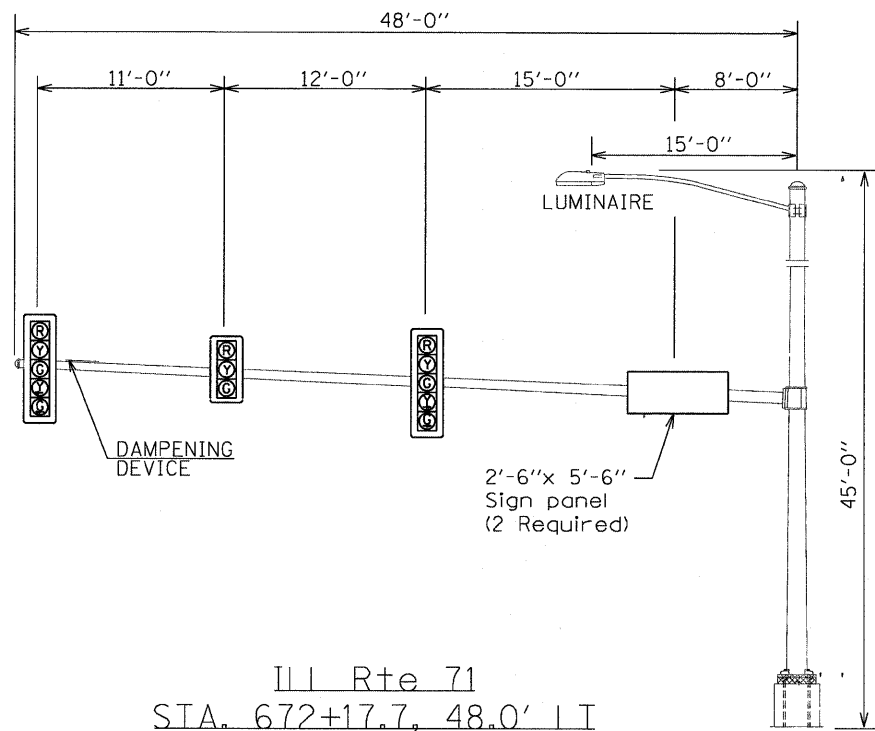
REFER TO HIGHWAY STANDARD 857001 FOR ADDITIONAL INFORMATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
CABLE PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	62
CONTRACT NO. 66955				
ILLINOIS FED. AID PROJECT				

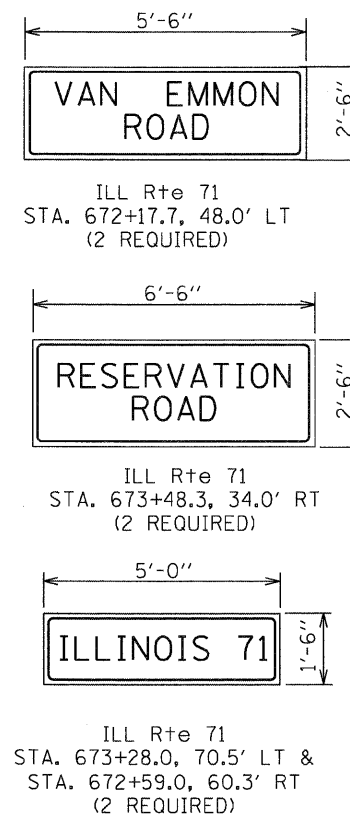
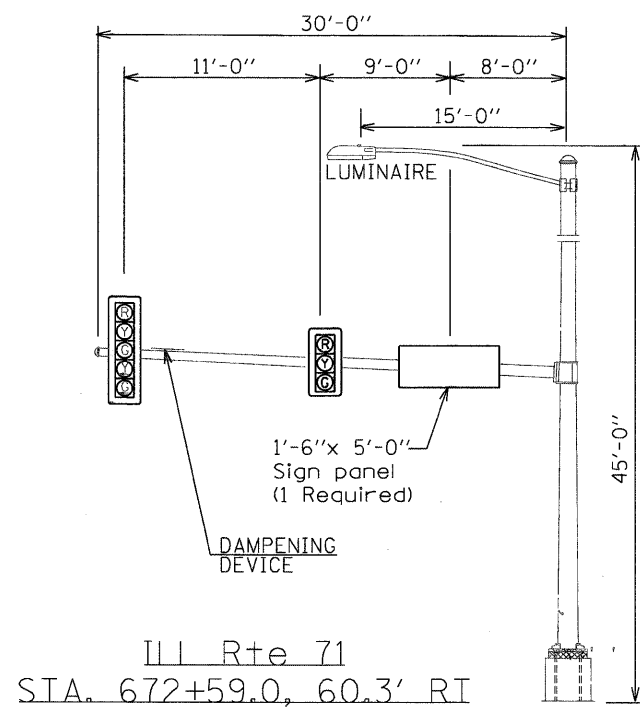
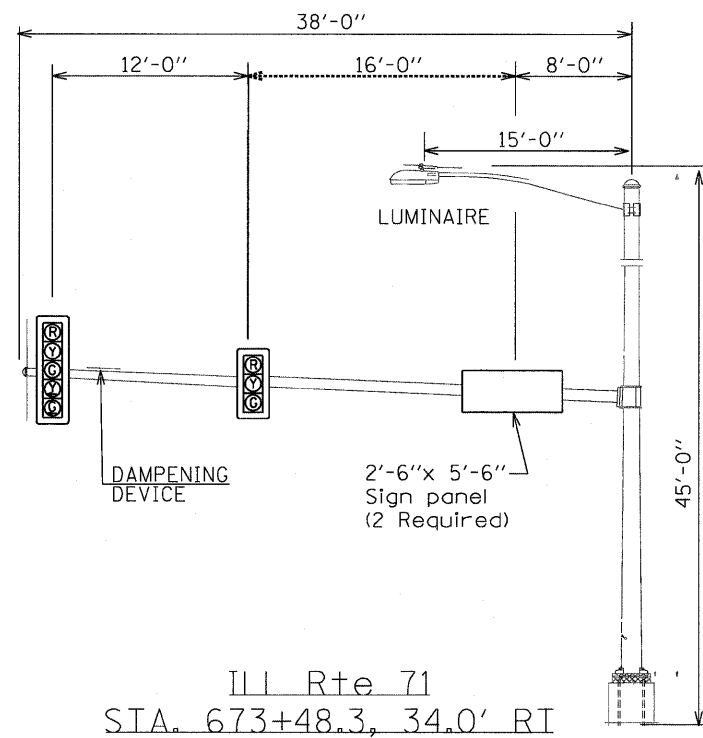
SHEET NO. OF SHEETS STA. TO STA.

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TRAFFIC SIGNAL GENERAL NOTES

1. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCED NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123
3. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS
4. ALL TRAFFIC SIGNAL HEADS SHALL BE 12 INCH POLYCARBONATE.
5. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
6. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OF CONTROLLERS. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEM.
7. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM
8. ALL CONDUIT IN TRENCH SHALL BE PVC. ALL PUSHED CONDUIT MAY BE PVC OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
9. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
10. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
11. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SIEZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
12. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
13. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
14. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
15. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
16. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE LIGHTING AND TRAFFIC SIGNALS. SEPARATE ELECTRICAL SERVICE INSTALLATIONS, MEETING THE REQUIREMENTS OF SECTIONS 804 AND 805 OF THE STANDARD SPECIFICATIONS, WILL BE REQUIRED FOR LIGHTING AND FOR TRAFFIC SIGNALS RESPECTIVELY. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THESE SERVICE INSTALLATIONS.
18. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION.
19. ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.
20. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
21. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION.
22. THE FIBER OPTIC CABLE SHALL BE LABELED WITH DIRECTION AND ASSIGNMENT NUMBER.
23. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
24. THE MAST ARM FOUNDATIONS SHALL BE LOCATED A MINIMUM 6' FROM THE FACE OF CURB OR A MINIMUM 18' FROM THE EDGE OF PAVEMENT TO THE FACE OF FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, GET MORE THAN 6' IF POSSIBLE IF THE SIGNAL HEAD STILL LINES UP IN CENTER OF LANE.
25. CHANGEABLE MESSAGE BOARDS ARE REQUIRED ILL 71. ONE WEEK PRIOR TO SIGNAL TURN-ON, THE MESSAGE SHOULD READ "NEW SIGNAL AHEAD/TURN ON DATE". FOR THREE WEEKS AFTER, THE MESSAGE SHOULD READ "NEW SIGNAL AHEAD/BE PREPARED TO STOP".



MAST ARM AND SIGNAL NOTES:

1. ALL SIGNAL HEADS EXCEPT FLASHING BEACONS HAVE BACKPLATES
2. ALL MAST ARM FOUNDATIONS TO BE 36" DIAMETER
3. DAMPING DEVICE SHALL CONSIST OF A 24" x 30" TYPE-I UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON THE TOP OF THE MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPING DEVICE SHALL BE INCLUDED IN THE COST OF THE MAST ARM.
4. ARM SUPPORT FOR THE LUMINAIRE SHALL BE PARALLEL TO THE MAST ARM.
5. FOUNDATION DEPTHS ARE SHOWN ON THE SIGNAL PLAN SHEET

SIGN NOTES:

1. 3/4" BORDER, 2 1/4" CORNER RADIUS
2. 8" SERIES D UPPER CASE LETTERS
3. WHITE REFLECTORIZED LEGEND ON A GREEN REFLECTORIZED BACKGROUND
4. TYPE ZZ SHEETING

FILE NAME =	USER NAME = .USER.	DESIGNED - RS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS MAST ARM AND SIGN DETAILS AND GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - RS	REVISED -					311	(1-IN TS)	KENDALL	92	63
PLOT SCALE = 20,0000' / IN.		CHECKED - RS	REVISED -					CONTRACT NO. 66955				
PLOT DATE = 3/31/2011		DATE - 03/31/2011	REVISED -					ILLINOIS FED. AID PROJECT				
						SHEET NO.	OF	SHEETS	STA.	TO STA.		

Page 1 of 1

Date 8/24/10

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

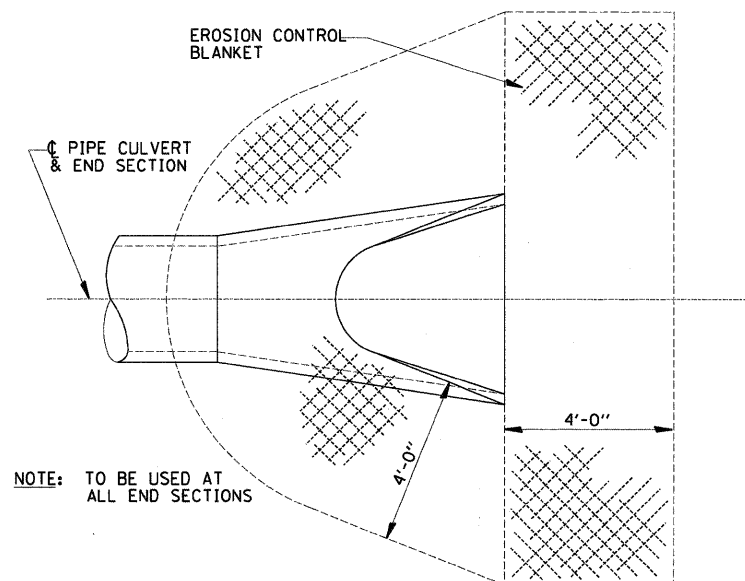
Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS SOIL BORING LOGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: N.T.S.	SHEET NO. -- OF -- SHEETS		ILLINOIS FED. AID PROJECT				

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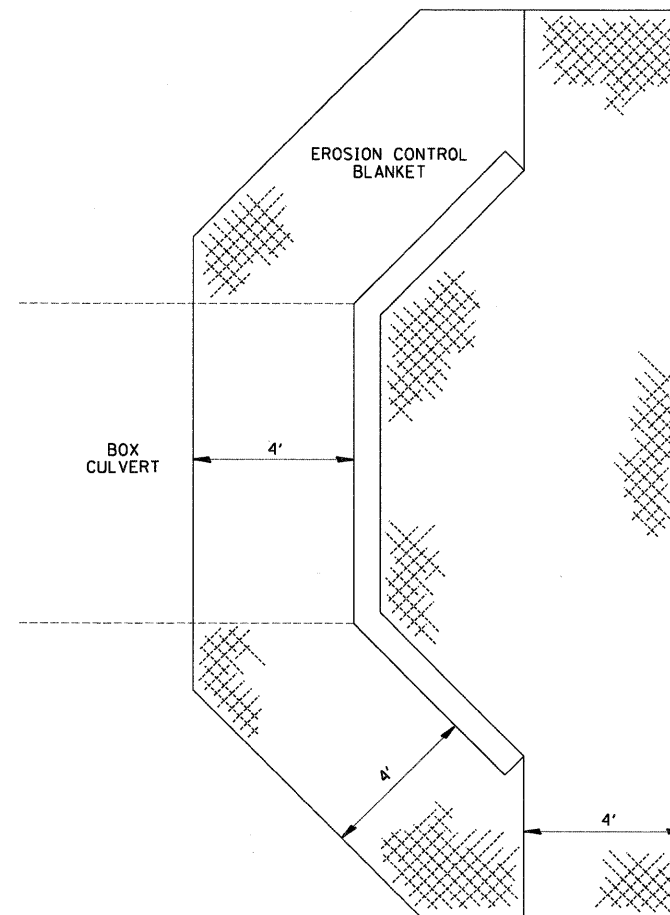


NOTE: TO BE USED AT ALL END SECTIONS

NOTE: PRC FLARED END SECTION SHOWN. TREATMENT SAME FOR OTHER END SECTIONS.

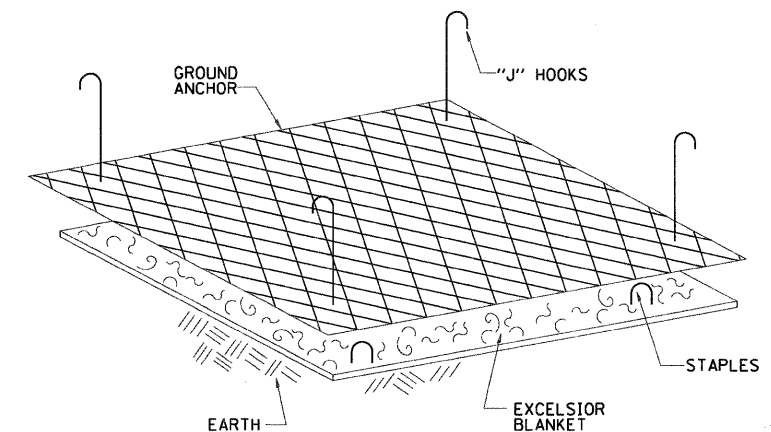
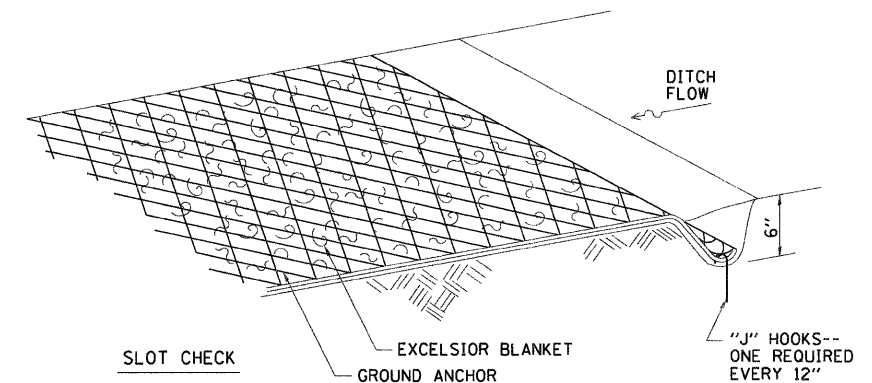
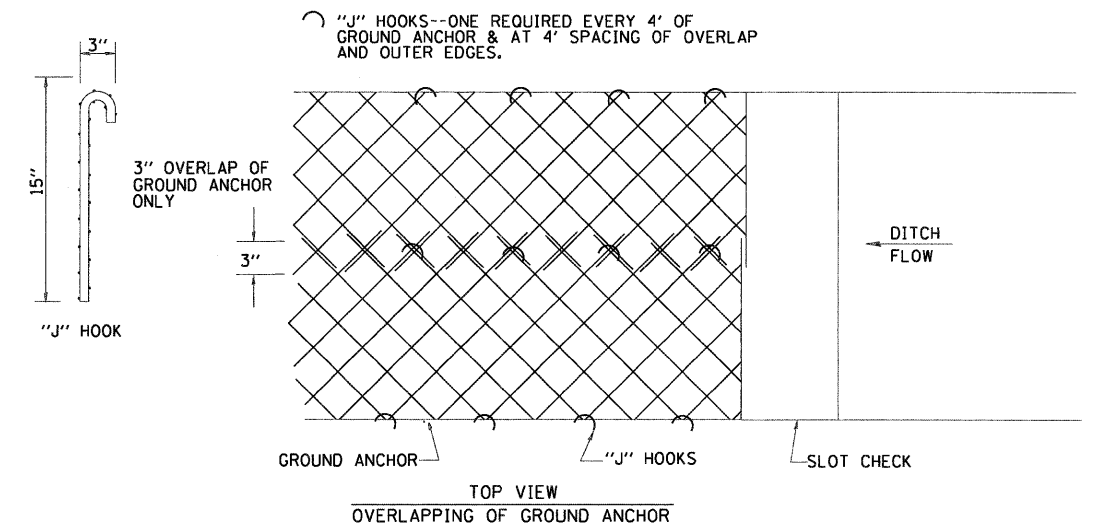
DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION

251-2



EROSION CONTROL BLANKET AT BOX CULVERT END SECTIONS

251-3



NOTES:

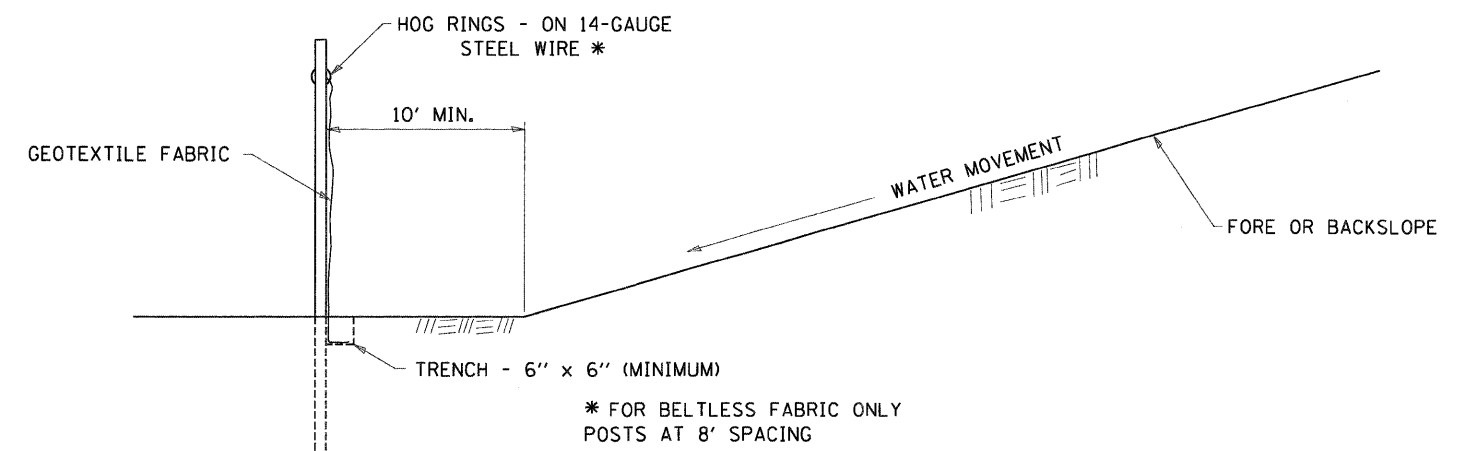
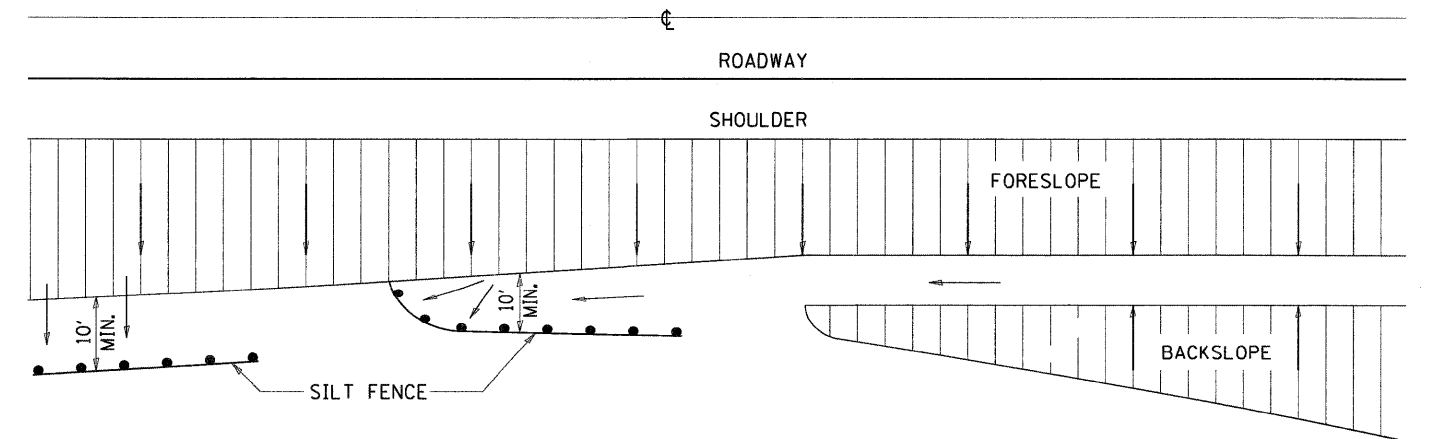
1. EXCELSIOR BLANKET IS STAPLED INTO GROUND.
2. GROUND ANCHOR GOES OVER EXCELSIOR BLANKET AND IS FASTENED WITH "J" HOOKS EVERY 4 FEET.
3. PAY WIDTH WILL BE MEASURED TO OUT-TO-OUT OF GROUND ANCHOR WITH NO CONSIDERATION FOR OVERLAPS.

EXCELSIOR BLANKET (SPECIAL) DETAILS

251-4

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-IN TS	KENDALL	92	66
		CHECKED - RS	REVISED -					CONTRACT NO. 66955				
		PLOT DATE = 3/31/2011	DATE = 03/31/2011					ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.		SHEET NO. OF SHEETS						

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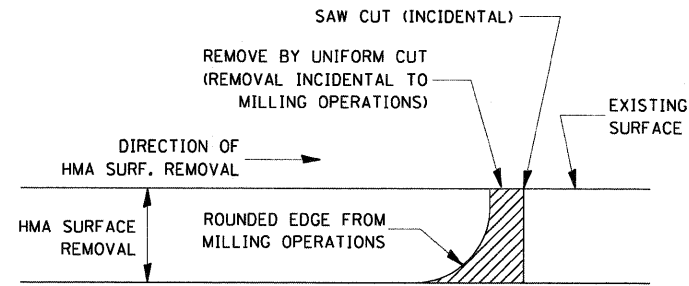


DETAILS OF SILT FENCE

EROSION CONTROL DETAILS
FOR SILT FENCE

280-1

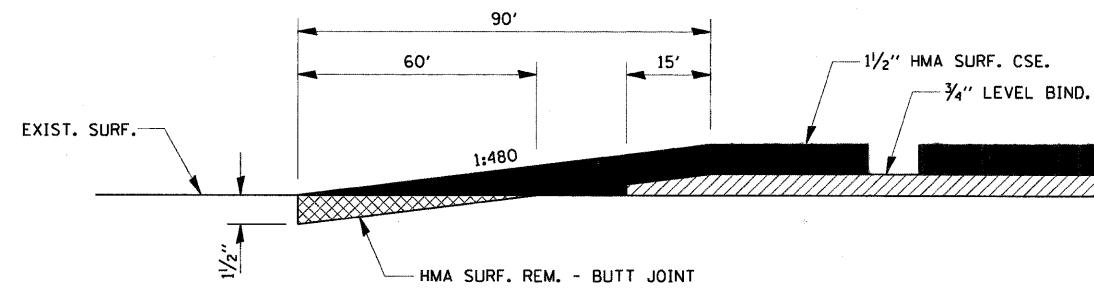
FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS	SCALE: N.T.S.	SHEET NO. OF SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	67
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	DATE - 03/31/2011	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				



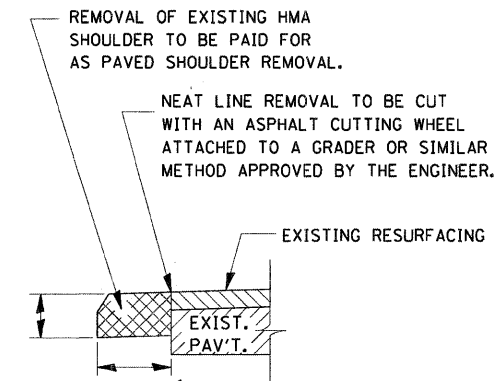
NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
THEN A SAW CUT SHALL BE USED TO MANUFACTURE
A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.
THE ENGINEER SHALL BE THE SOLE JUDGE
CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS

406-8



406-9



REMOVAL OF EXISTING HMA SHOULDER

440-1

\\jobs2007\20073028-08\cad\site\vdgn\00\0366955-shr-detalls-01.dgn
3/31/2011 12:02:29 PM

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -			311	(1-1)N TS	KENDALL	92	68
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.	SHEET NO. OF SHEETS					



6'-8"

9"

30"

32"

44"

33"

30"

43"

8'-0"

12" (TYP.)

16"

9"

30"

32"

44"

33"

30"

43"

8'-8"

4'-0"

12'-0"

12" (TYP.)

QUANTITY

12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

QUANTITY

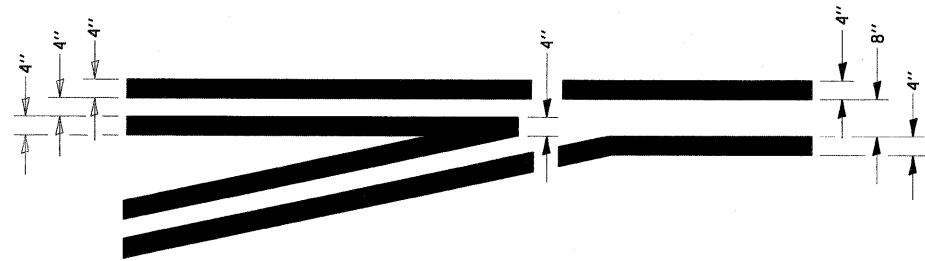
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



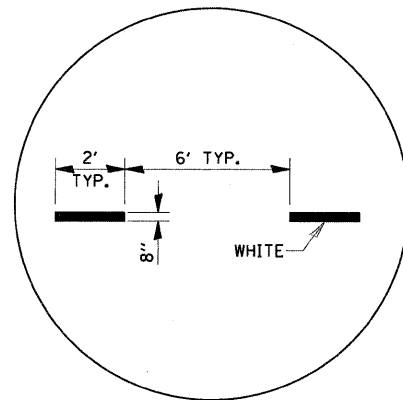
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8/31/2011

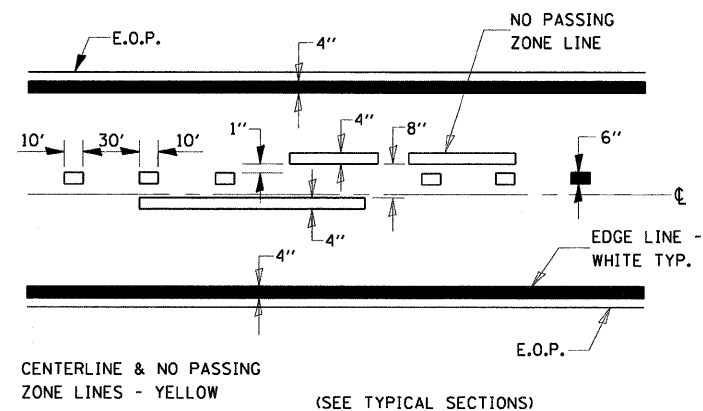
FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -					311	(1-1)N TS	KENDALL	92	69
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: N.T.S.	SHEET NO. OF	SHEETS	ILLINOIS FED. AID PROJECT				



**TYPICAL APPLICATION
@ LEFT TURN LANES 780-1**

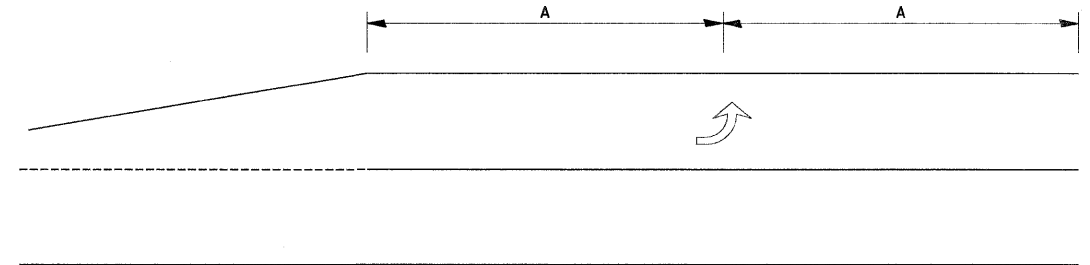


**ADVANCE AND INTERSECTION LANE
DIVIDER LINES 780-5**

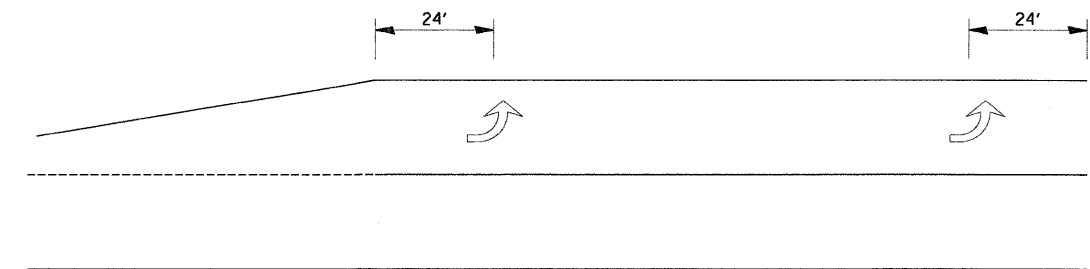


PAVEMENT MARKING

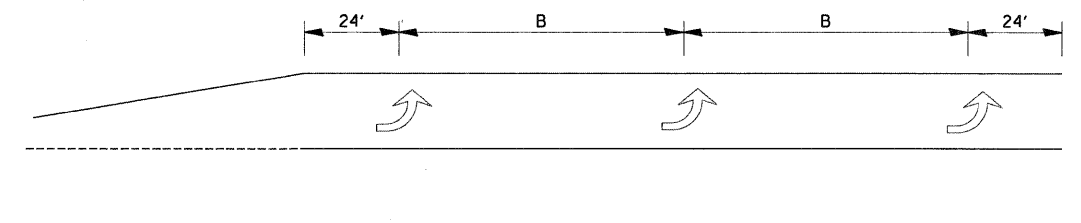
780-8



99' AND UNDER



100' TO 149'



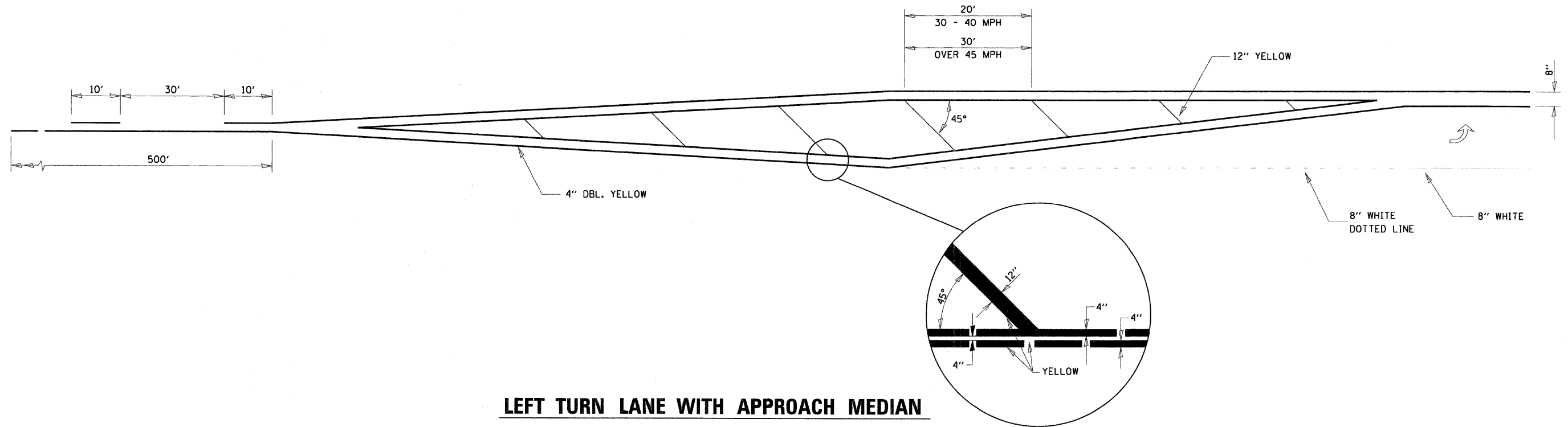
150' AND LONGER

**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**

780-10

\\jobs2007\20073028-08\cad\site\adgn\00\0366955-sh1-details-0.dgn
3/31/2011 12:05:31 PM

FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS	SCALE: N.T.S.	SHEET NO. OF SHEETS	F.A.P. RTE. 311	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN - JWB	REVISED -						(1-1)N TS	KENDALL	92	70
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -						CONTRACT NO. 66955			
		DATE - 03/31/2011	REVISED -						ILLINOIS FED. AID PROJECT			

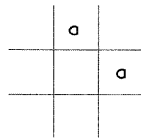
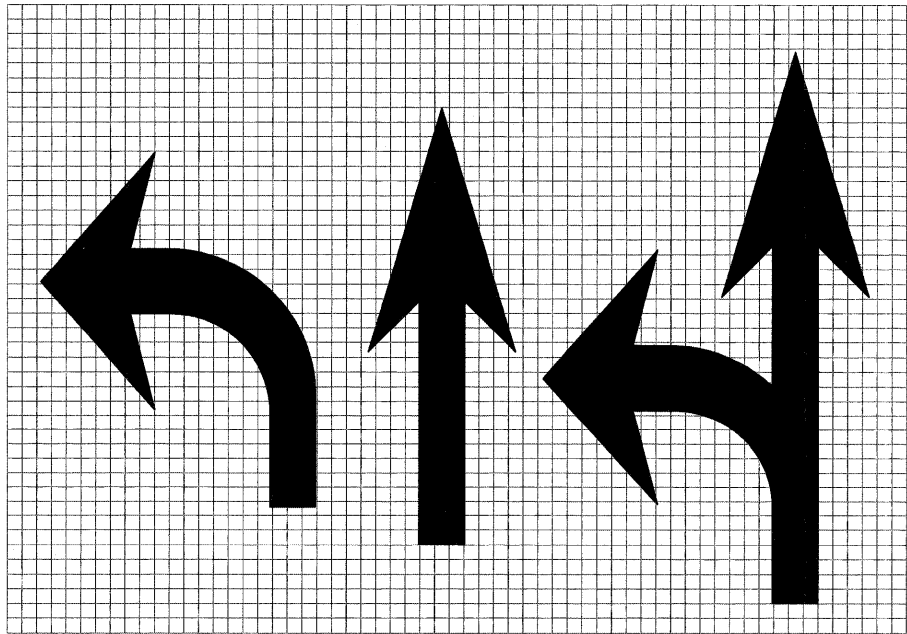


LEFT TURN LANE WITH APPROACH MEDIAN

780-19

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FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -						311	(1-1)N TS	KENDALL	92	71
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - RS	REVISED -		CONTRACT NO. 66955								
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	ILLINOIS FED. AID PROJECT				



LEGEND HEIGHT	ARROW SIZE	a
6'	SMALL	2.9
8'	LARGE	3.8

THE SPACE BETWEEN ADJACENT LETTERS OR
NUMERALS SHOULD BE APPROXIMATELY 3' FOR
6' LEGEND AND 4' FOR 8' LEGEND.

LETTER AND ARROW GRID SCALE

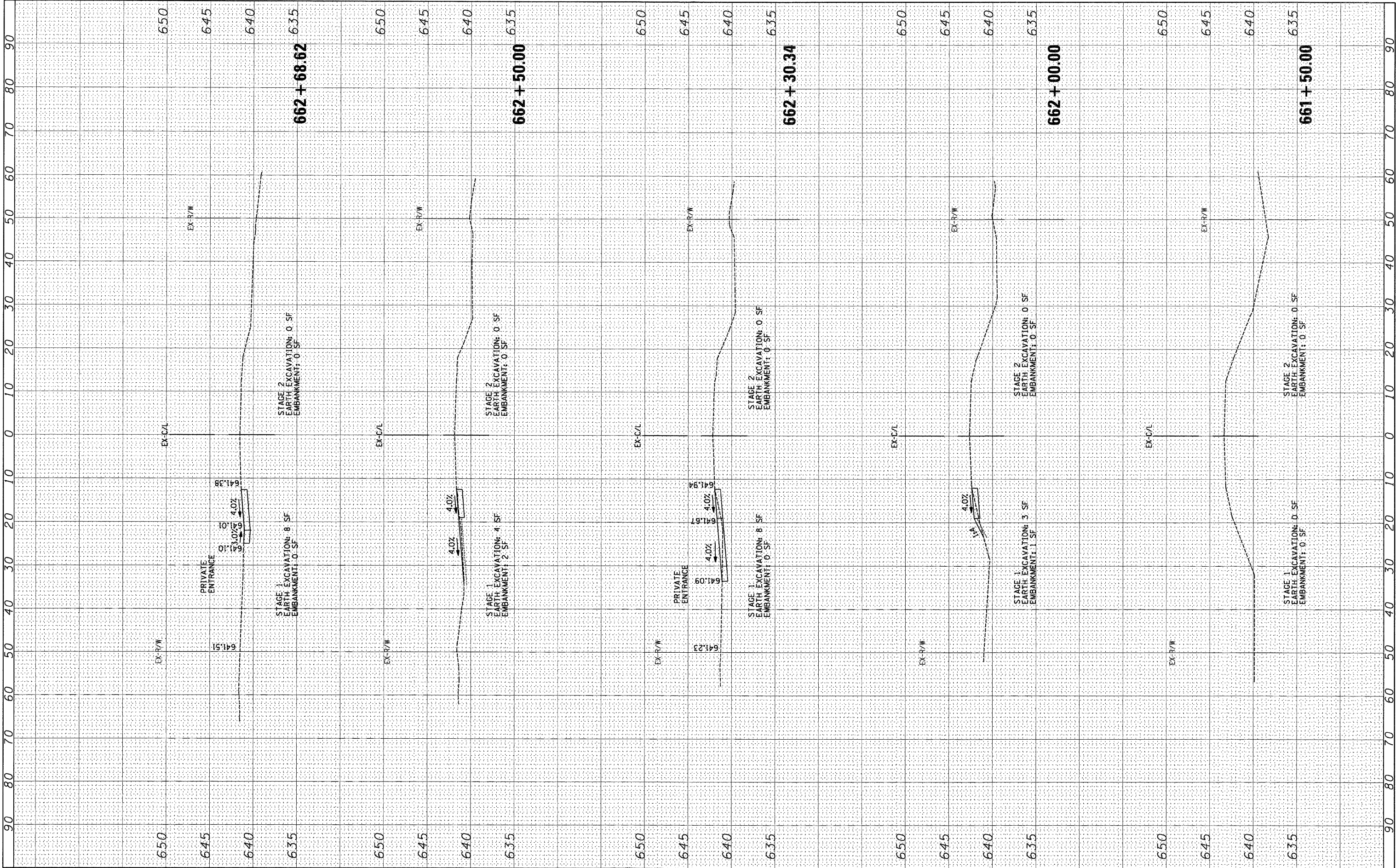
780-20

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FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS DISTRICT DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -			311	(1-1)N TS	KENDALL	92	72
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -			SCALE: N.T.S. SHEET NO. OF SHEETS				
						ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

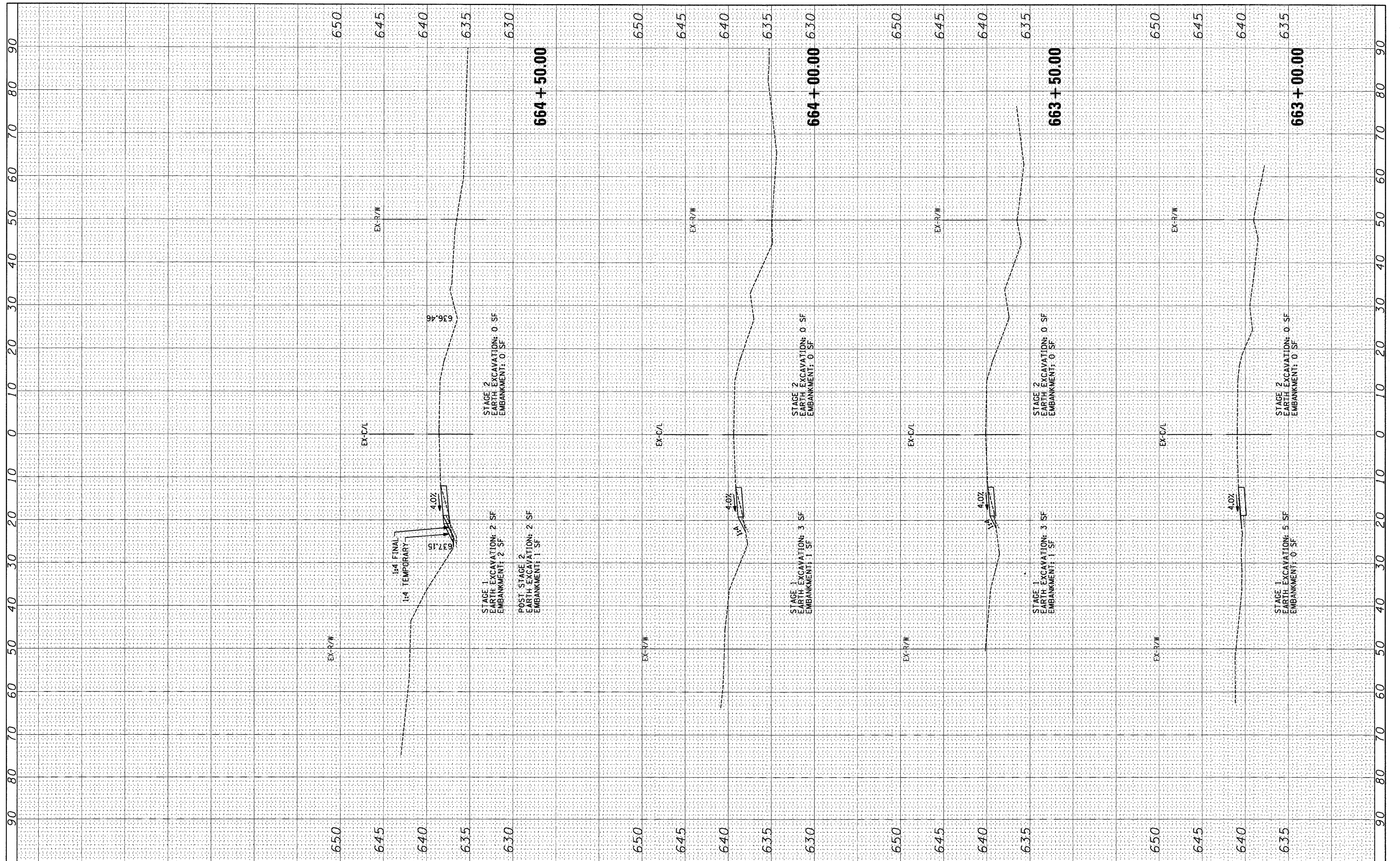
ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		



FILE NAME :	USER NAME : _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS	SCALE: H=10', V=5' SHEET NO. OF SHEETS STA. 661+50.00 TO STA. 662+68.62	F.A. RTE. 311	SECTION (1-IN TS)	COUNTY KENDALL	TOTAL SHEETS 92	SHEET NO. 73
#FILE#		DRAWN - JWB	REVISED -								
		CHECKED - RS	REVISED -								
		DATE - 03/31/2011	REVISED -								
PLOT SCALE = 10.0000' / IN.											
PLOT DATE = 3/31/2011											
CONTRACT NO. 66955											
ILLINOIS FED. AID PROJECT											

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

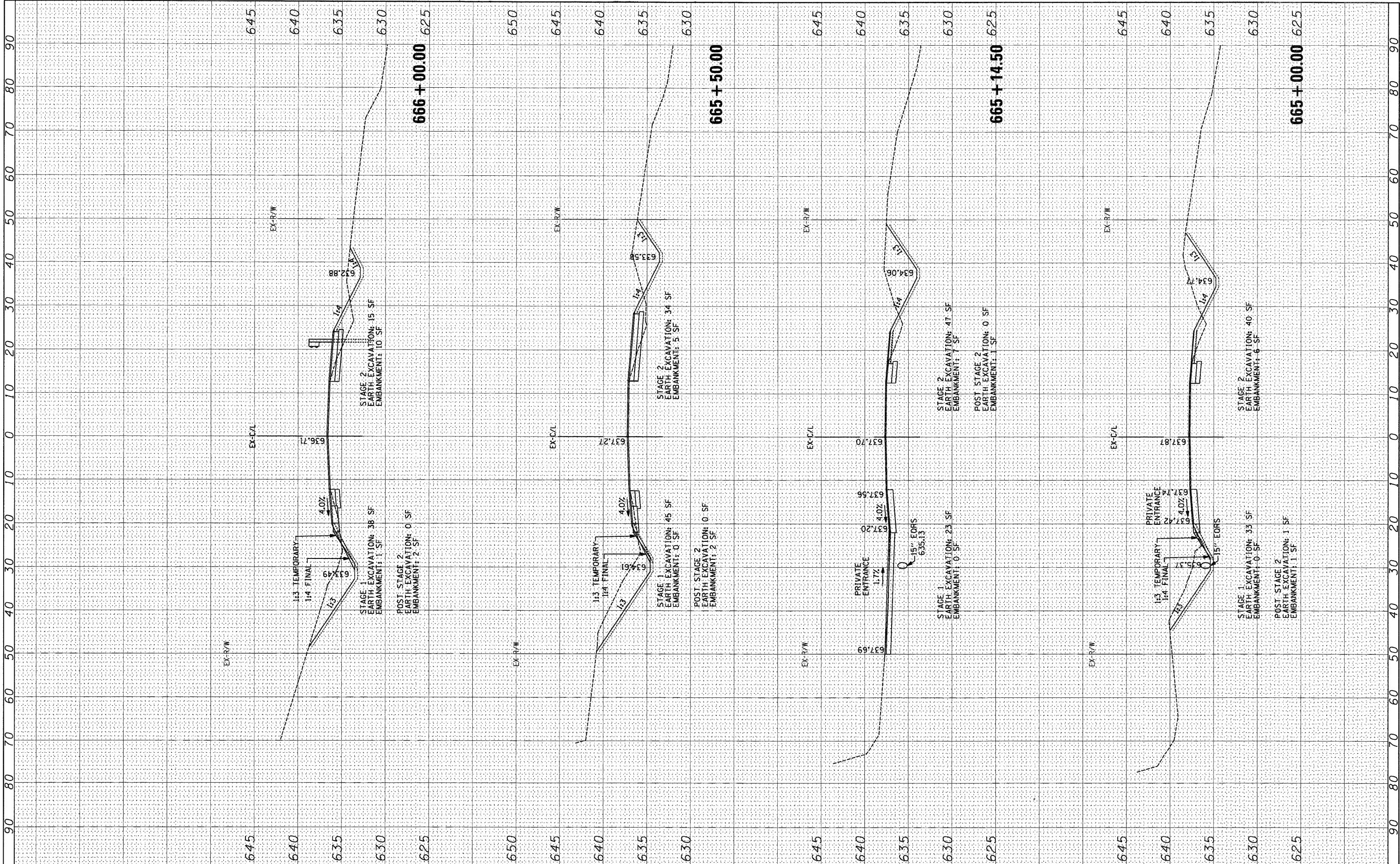
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



FILE NAME = *FILE*	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JWB	REVISED -		CROSS-SECTIONS				311	(1-1)N TS	KENDALL	92	74
	PLOT SCALE = 10.0000' / IN.	CHECKED - RS	REVISED -						CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: H=10', V=5' SHEET NO. OF SHEETS STA. 663+00.00 TO STA. 664+50.00				ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY		BY		DATE	
SURVEYED					
NOTE BOOK					
NO.					

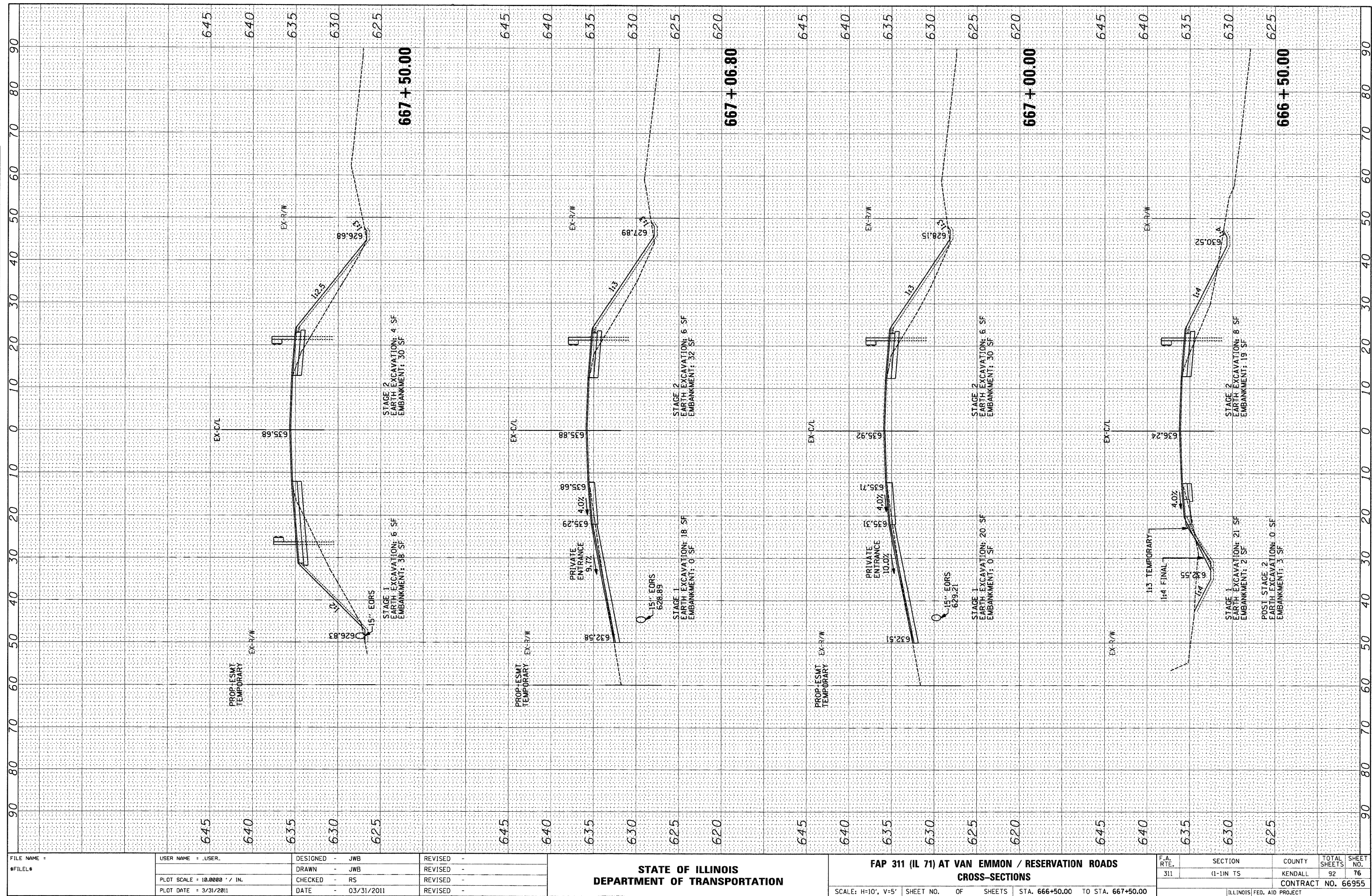
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SURVEYED					
NOTE BOOK					
NO.					



FILE NAME =		USER NAME = .USER.		DESIGNED - JWB		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS						F.A. RTE.	SECTION		COUNTY		TOTAL SHEETS	SHEET NO.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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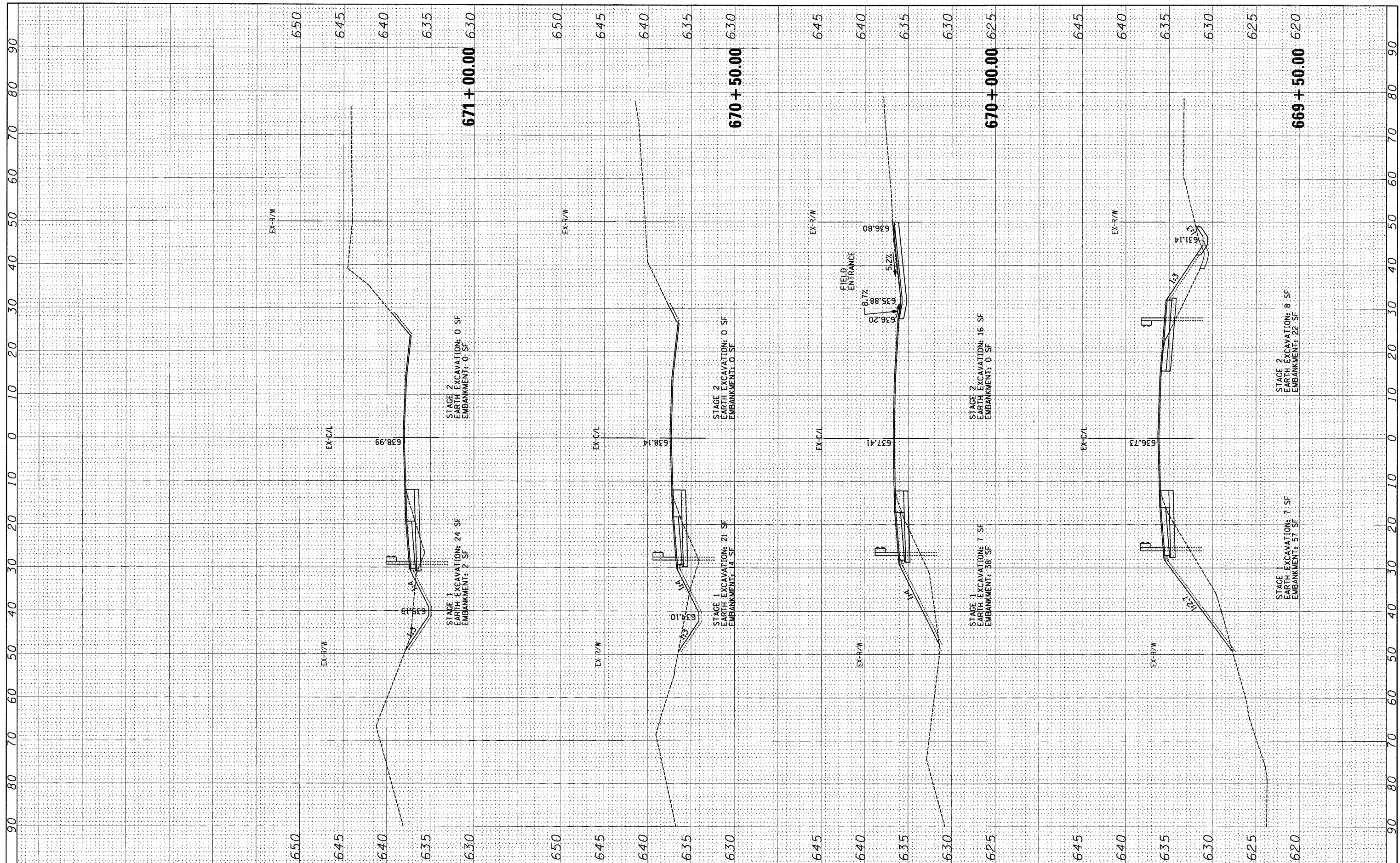
NO.	FINAL SURVEY				
	NOTE BOOK				
		SURVEYED		BY	DATE
		PLOTTED			
		TEMPLATE			
		AREAS			
		AREAS CHECKED			

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____		
NO.			



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

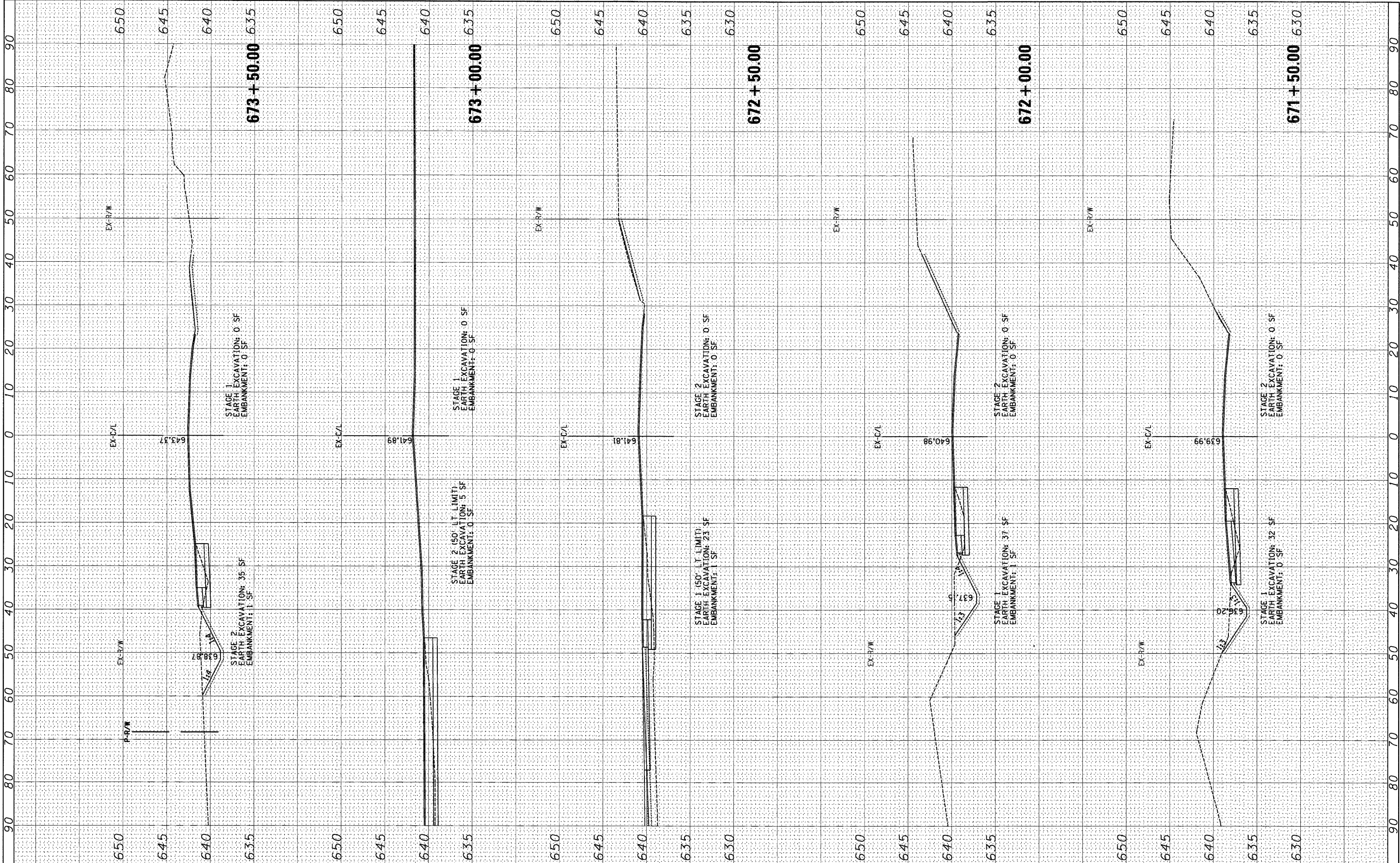
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NOTE BOOK			
N_{O.}	AREAS CHECKED _____		



FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
%FILEL%		DRAWN - JWB	REVISED -						311	(1)-UN TS	KENDALL	92	78
	PLOT SCALE = 10.0000' / IN.	CHECKED - RS	REVISED -						CONTRACT NO. 66955				
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: H=10', V=5'	SHEET NO.	OF SHEETS	STA. 669+50.00	TO STA. 671+00.00		ILLINOIS FED. AID PROJECT		

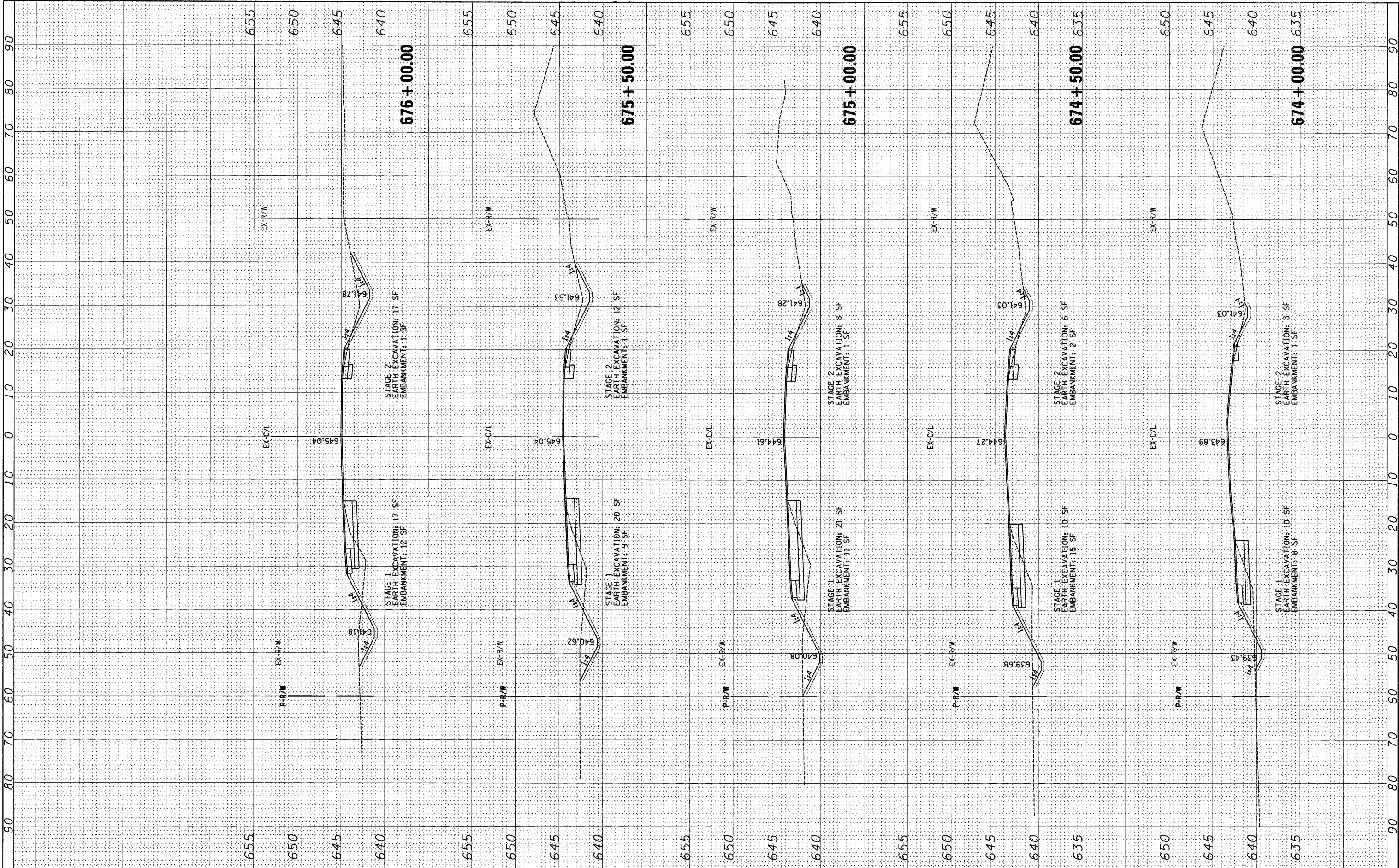
FINAL SURVEY	DATE
NO. _____	BY _____
NOTE BOOK	
AREAS CHECKED	

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



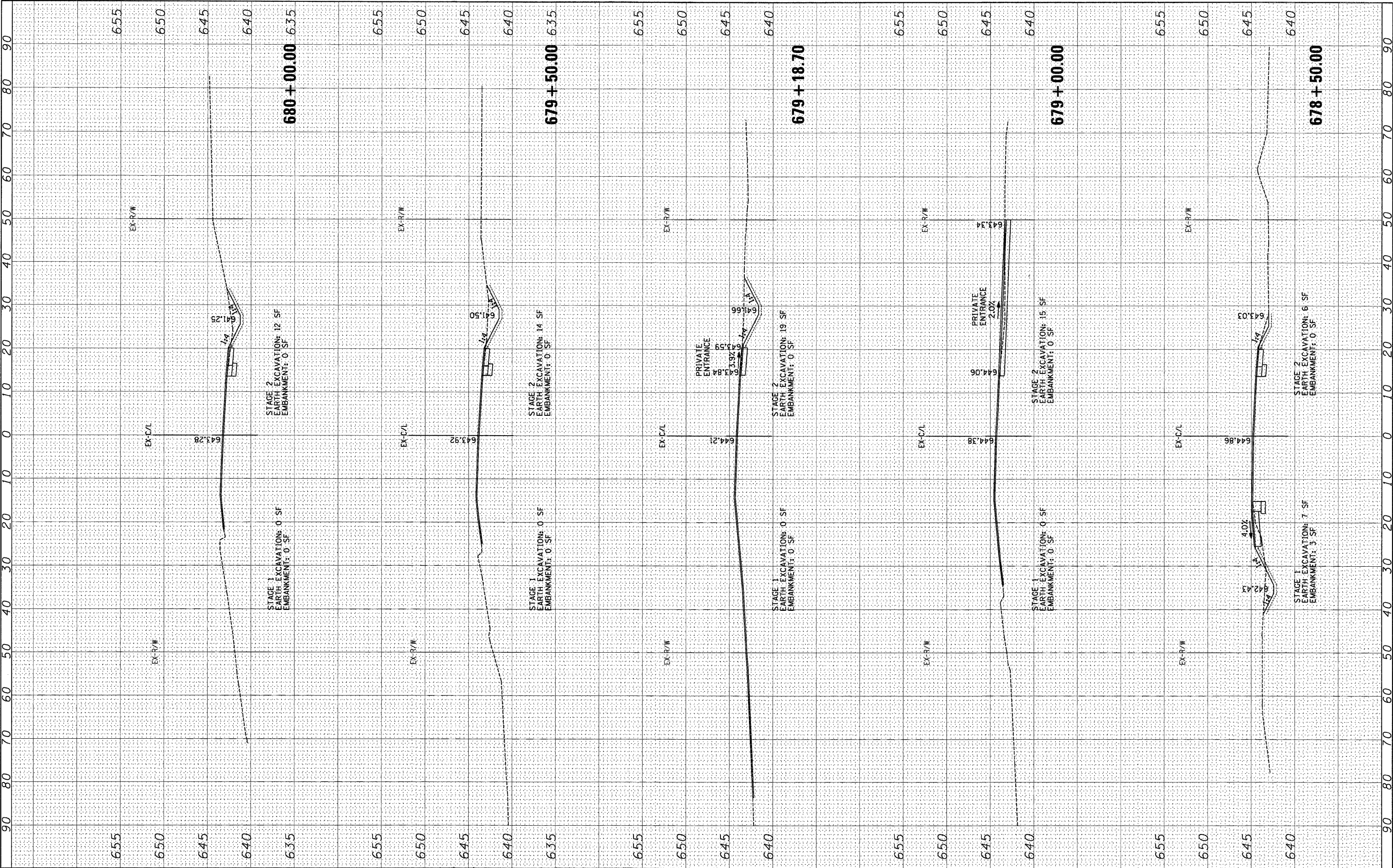
FINAL	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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



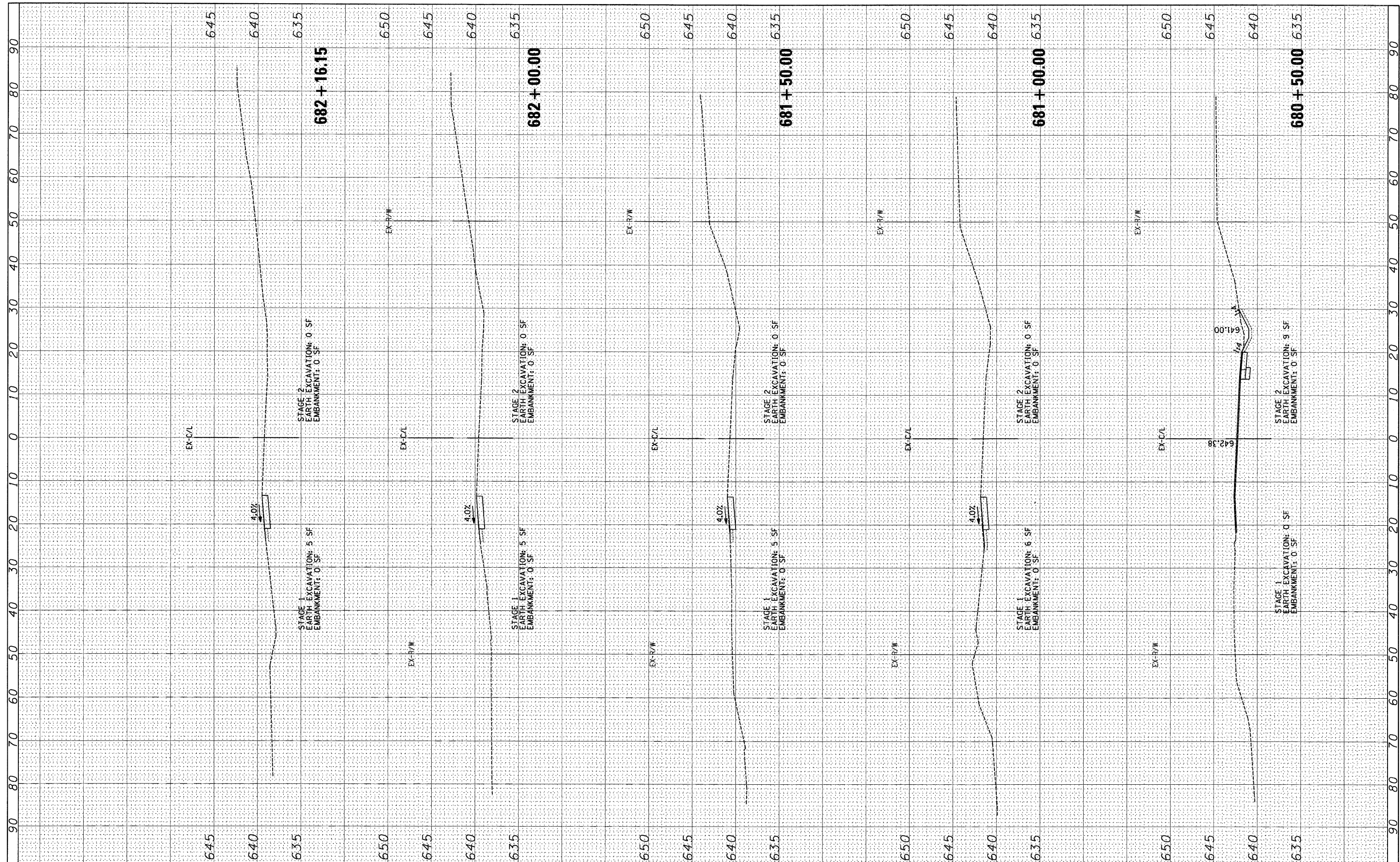
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NO.	NO.		

ORIGINAL	SURVEYED	BY	DATE
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NO.	NO.		
NO.	NO.		



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

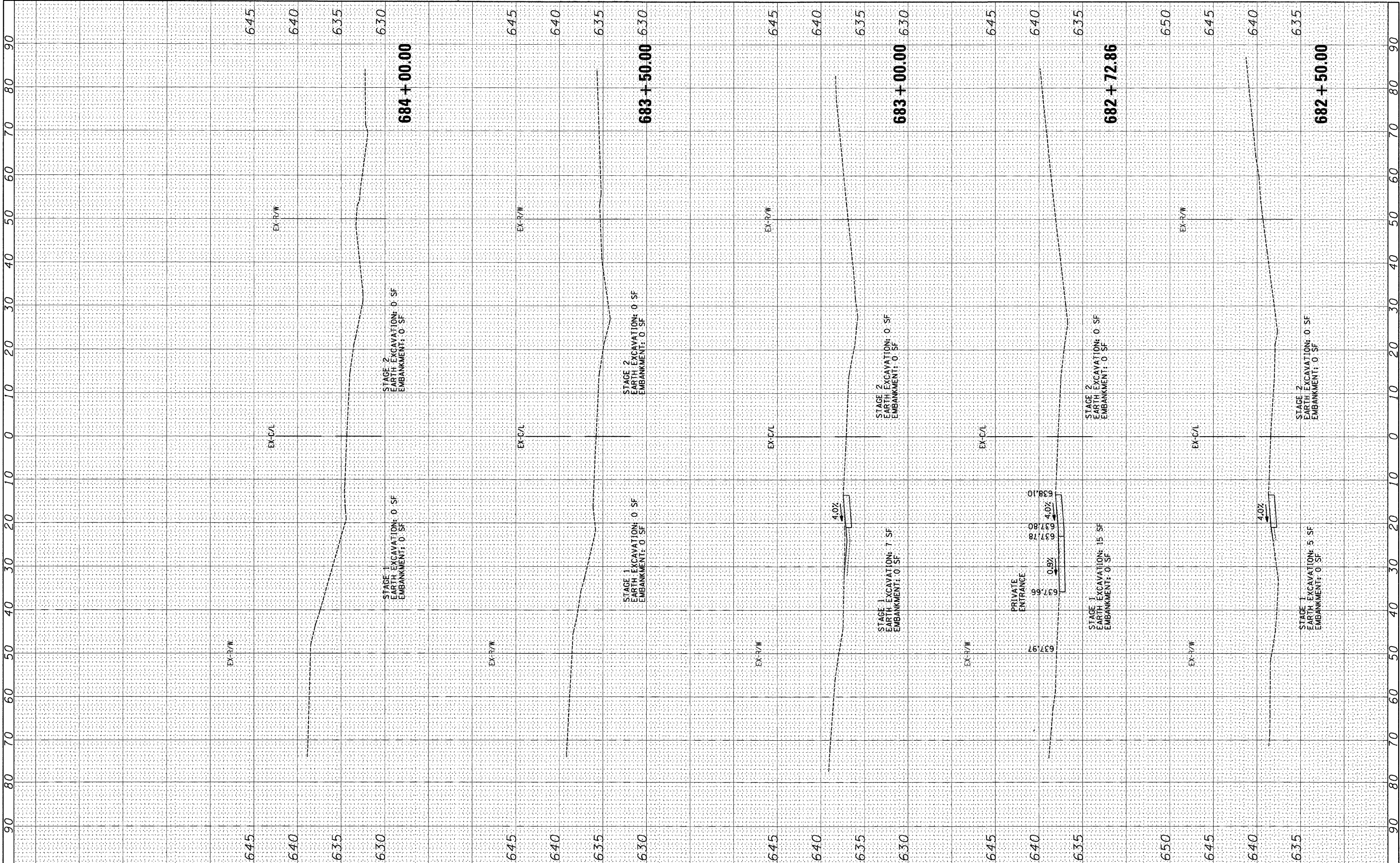
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	PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____		
NO. _____			



FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN - JWB	REVISED -						311	(1-1)N TS	KENDALL	92	83
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	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -		SCALE: H=10', V=5'	SHEET NO.	OF	SHEETS	STA. 680+50.00 TO STA. 682+16.15	ILLINOIS FED. AID PROJECT			

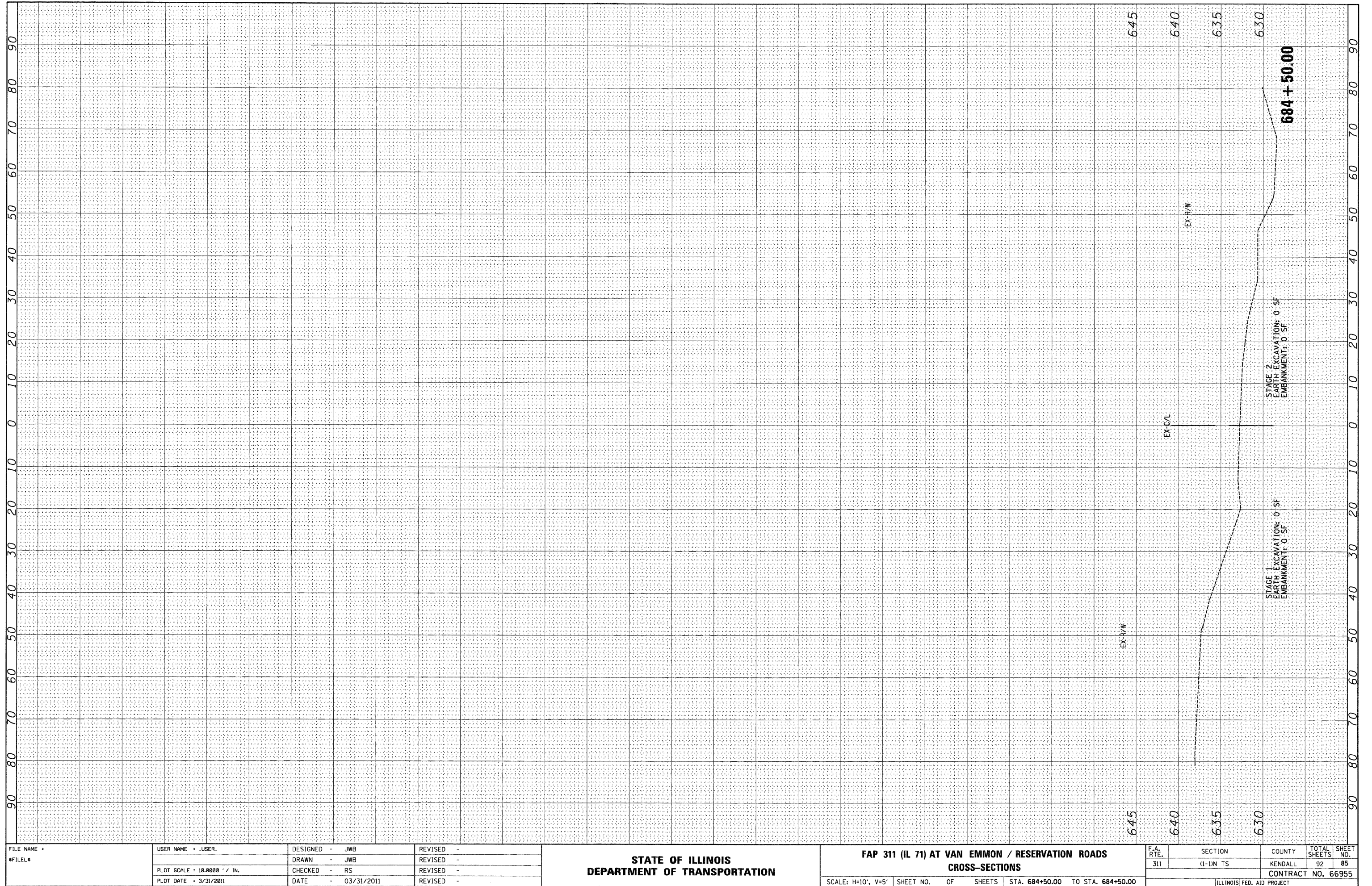
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NOTE BOOK	NO. _____		
	AREAS CHECKED		

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



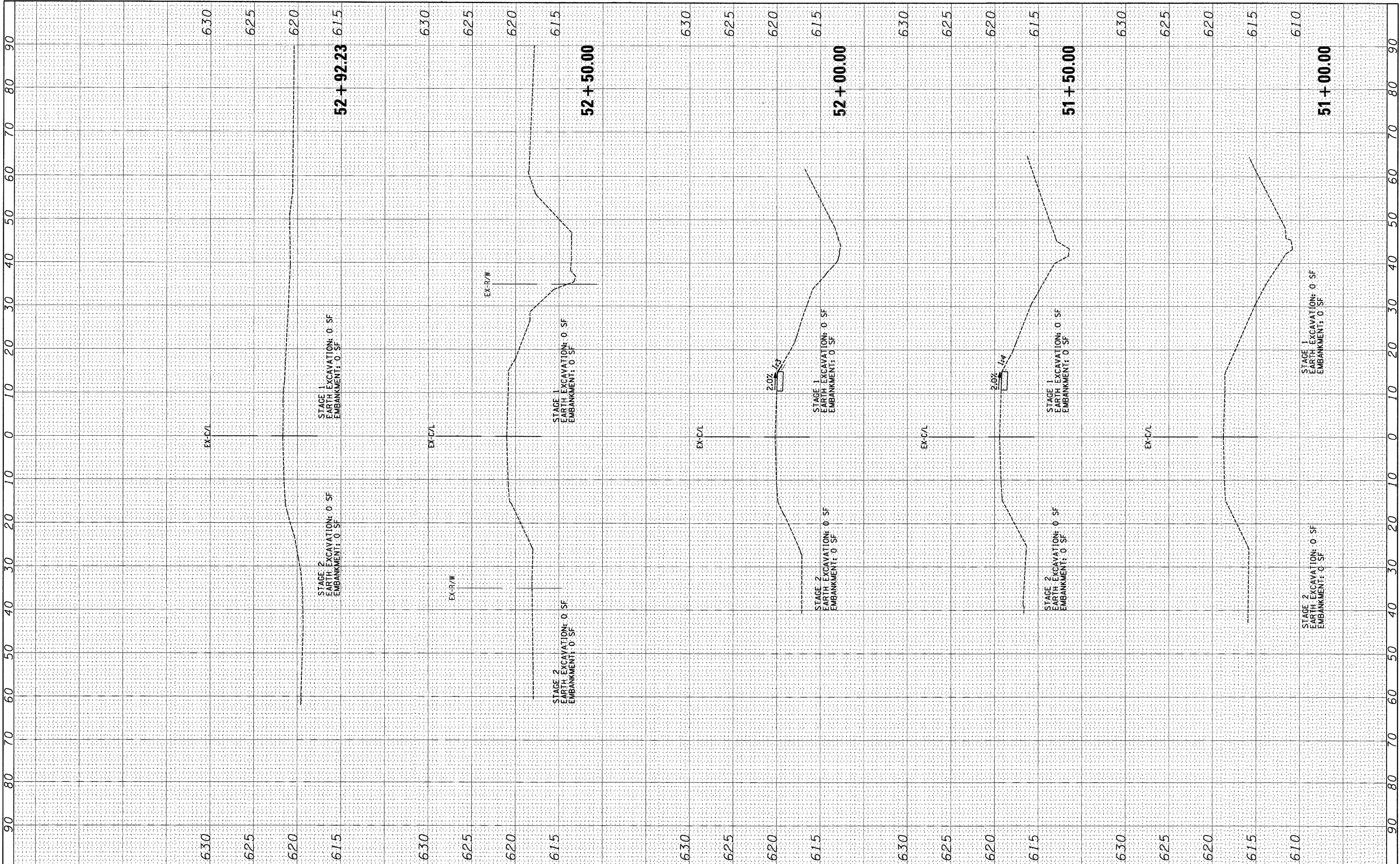
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NOTE BOOK	TEMPLATE _____			
	AREAS _____			
NO.	AREAS CHECKED _____			

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

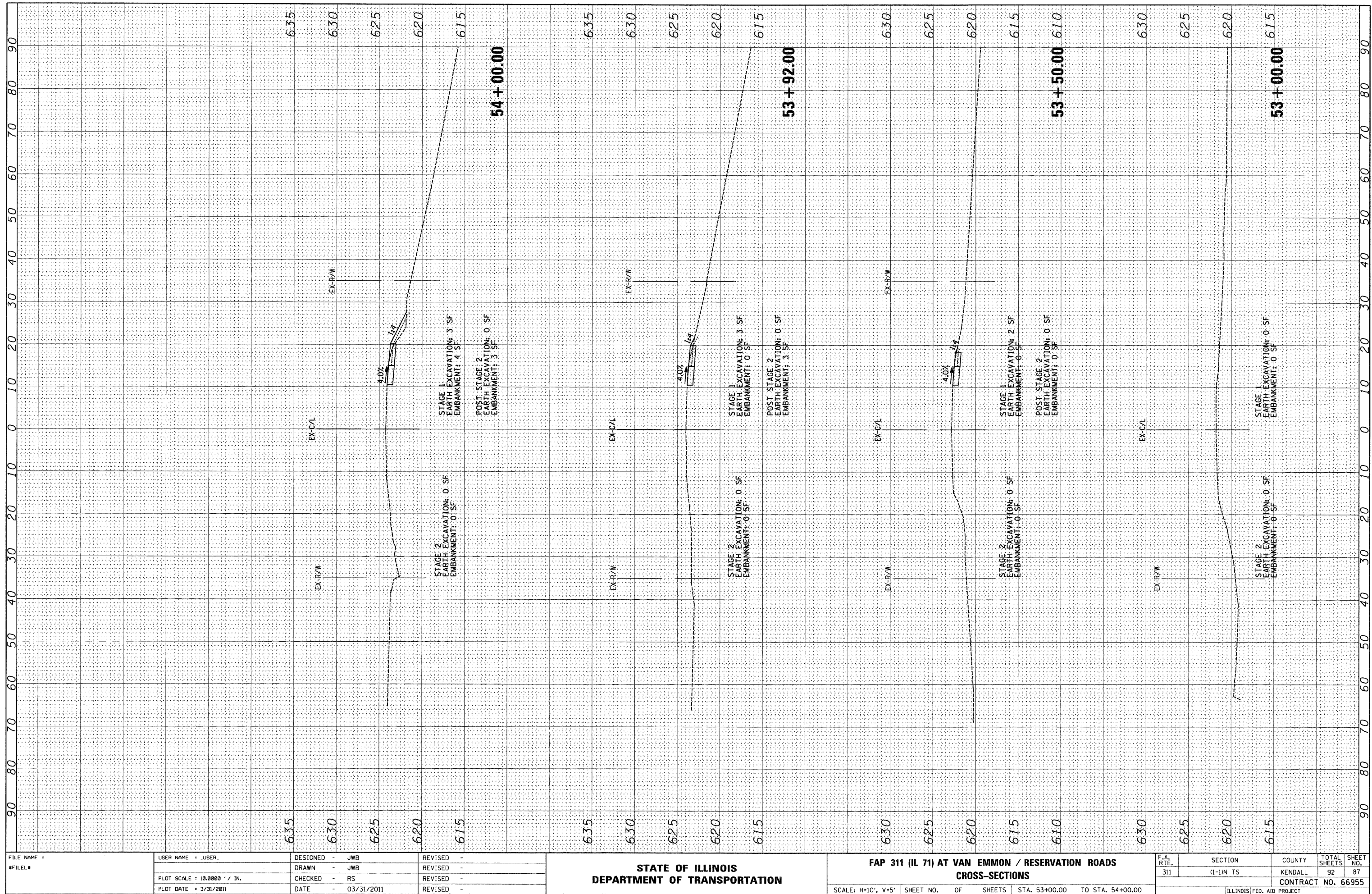


FINAL SURVEY	SURVEYED	BY	DATE
	REVISION		
	NOTE BOOK		
	NO.		

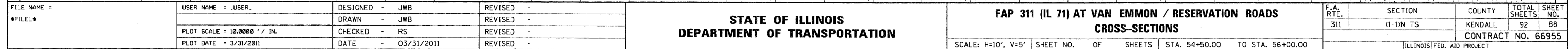
ORIGINAL SURVEY	SURVEYED	BY	DATE
	REVISION		
	NOTE BOOK		
	NO.		



FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS	SCALE: H=10', V=5'	SHEET NO. OF SHEETS	STA. 51+00.00 TO STA. 52+92.23	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / IN.	CHECKED - RS	DATE - 03/31/2011	REVISED -						CONTRACT NO. 66955				
PLOT DATE = 3/31/2011									ILLINOIS FED. AID PROJECT				

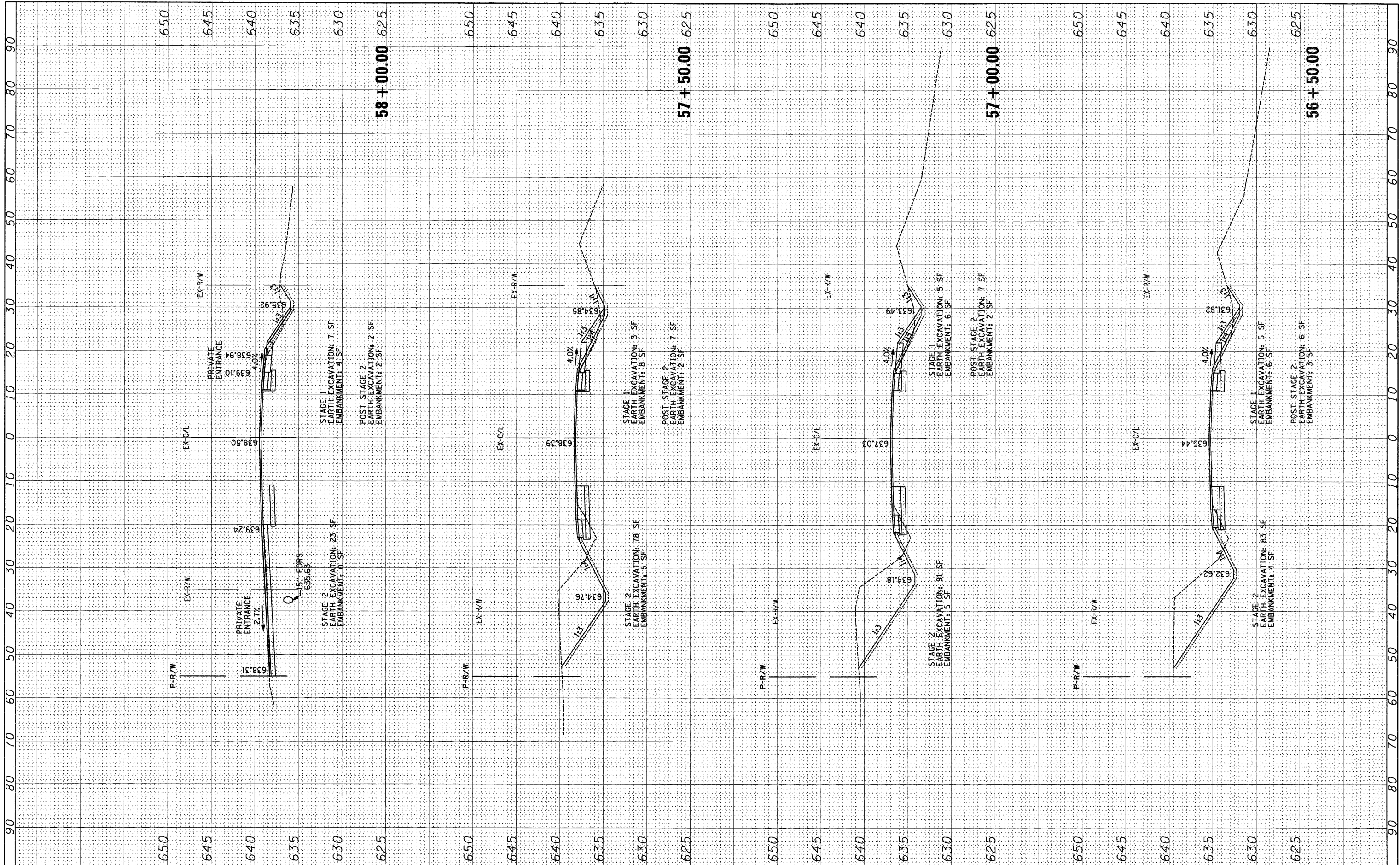
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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

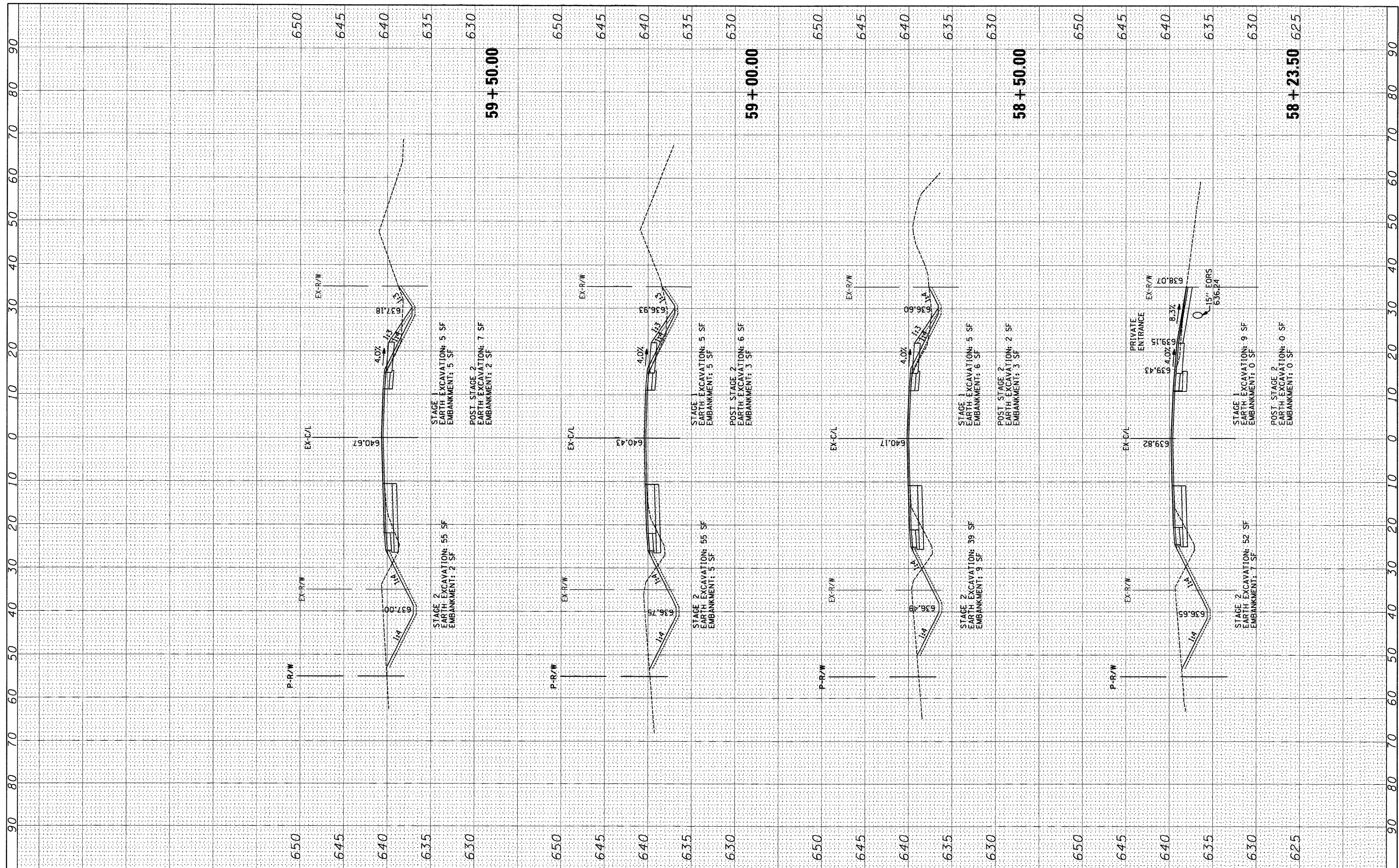
ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		



FILE NAME =	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS	SCALE: H=10', V=5'	SHEET NO. OF SHEETS	STA. 56+50.00 TO STA. 58+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10,0000' / IN.		CHECKED - RS	REVISED -						CONTRACT NO. 66955				
PLOT DATE = 3/31/2011		DATE - 03/31/2011	REVISED -						ILLINOIS FED. AID PROJECT				

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

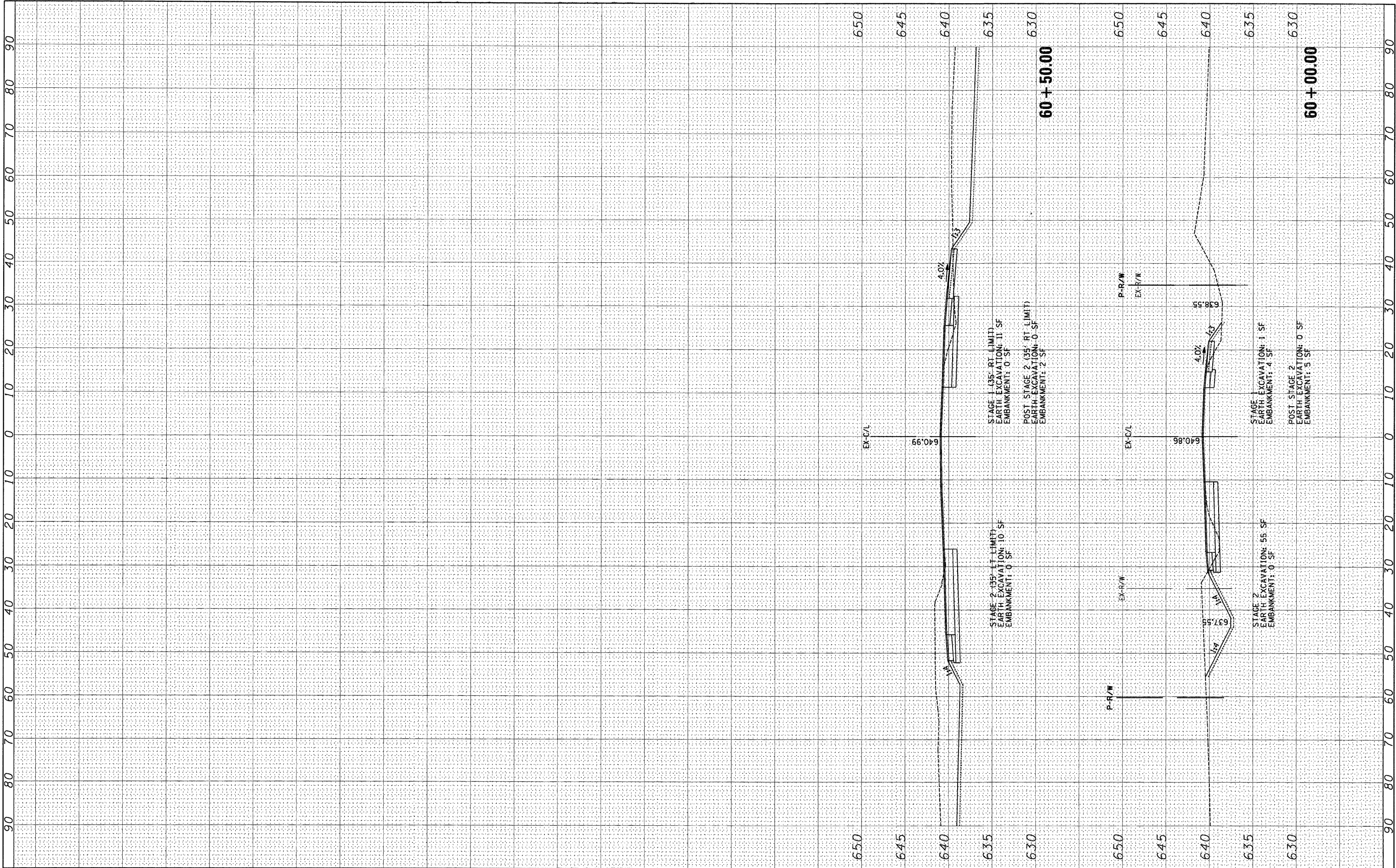
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NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FILE NAME = *FILE*	USER NAME = .USER.	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / IN.	DRAWN - JWB	REVISED -							311	(1)-1IN TS	KENDALL	92	90
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	DATE - 03/31/2011	REVISED -	SCALE: H=10', V=5' SHEET NO. OF SHEETS STA. 58+23.50 TO STA. 59+50.00											

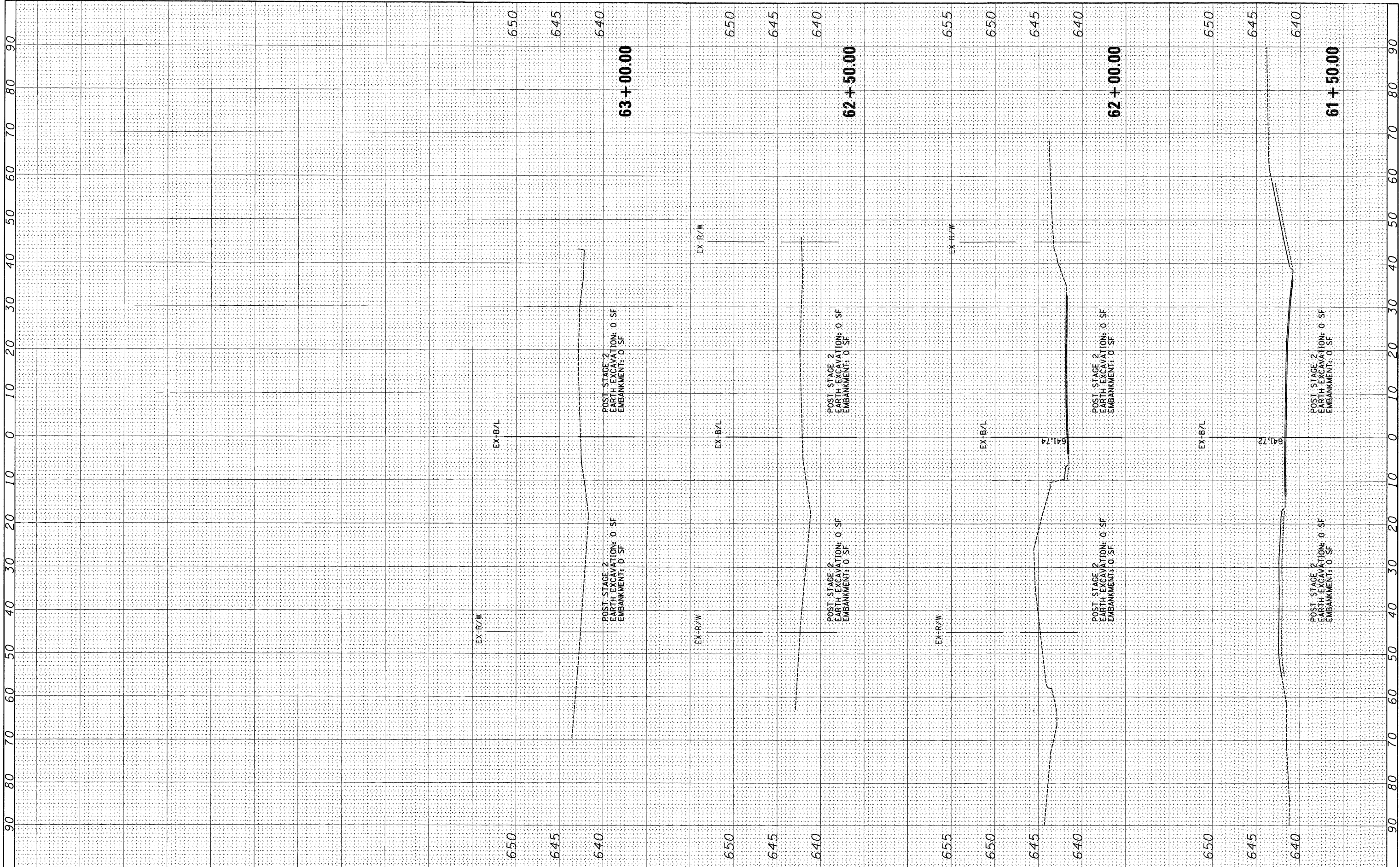
FINAL	SURVEYED	BY	DATE
SURVEY	DATE		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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



FINAL SURVEY	SURVEYED	BY	DATE
	NOTED		
	NOTE BOOK		
	NO.		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	NOTED		
	NOTE BOOK		
	NO.		



FILE NAME = #FILE#	USER NAME = _USER_	DESIGNED - JWB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS CROSS-SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / IN.	DRAWN - JWB	REVISED -		311	(1-IN TS	KENDALL	92	92				
	PLOT DATE = 3/31/2011	CHECKED - RS	REVISED -		CONTRACT NO. 66955								
	DATE - 03/31/2011	REVISED -	ILLINOIS FED. AID PROJECT										

SCALE: H=10', V=5'	SHEET NO.	OF	SHEETS	STA. 61+50.00	TO STA. 63+00.00
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