09-16-2016 LETTING ITEM 008

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	1
	ILLINOIS	CONTRACT NO. 60T20		

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.U. ROUTE 3730 (IL. ROUTE 1)
AT VINCENNES ROAD
SECTION: 3262N–1
PROJECT: ACM-3730 (005)
CHANNELIZATION, TRAFFIC SIGNAL MODERNIZATION
COOK COUNTY
C–91–308–12

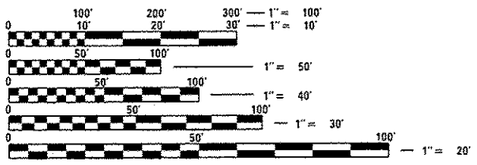
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE CITY OF HARVEY AND THE VILLAGE OF PHOENIX

TRAFFIC DATA:

IL 1 (HALSTED STREET):
2015 ADT = 16,200
SPEED LIMIT = 30–35 MPH

VINCENNES ROAD:
2014 ADT = 1,600
SPEED LIMIT = 35 MPH

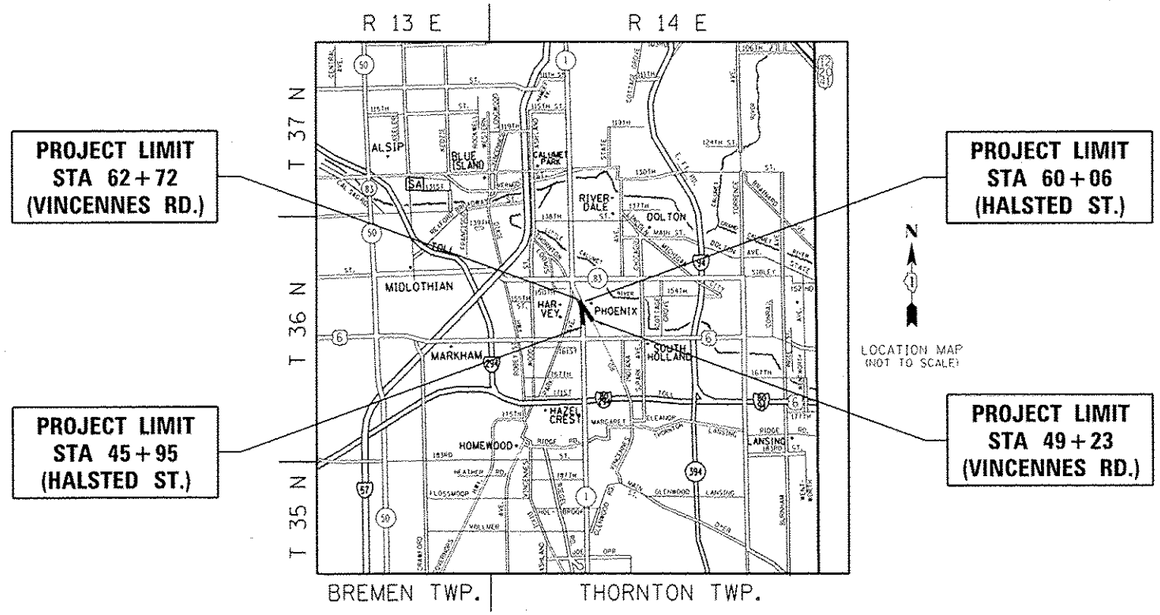


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

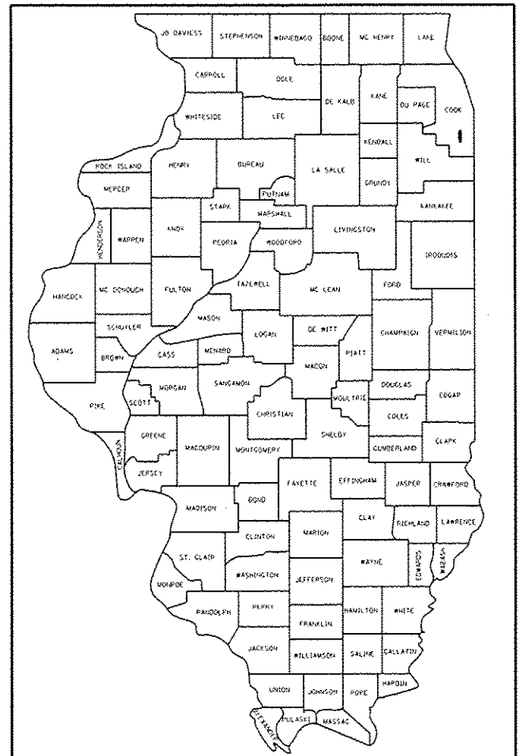
PROJECT ENGINEER: DAN WILGREEN (847) 705–4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705–4247

CONTRACT NO. 60T20



GROSS & NET LENGTH = 2,760 FEET = 0.52 MILE

D–91–308–12



LOCATION OF SECTION INDICATED THUS: –

LOCATION MAP (NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JUNE 20 20 16

REGIONAL ENGINEER

Aug 12 20 16

ENGINEER OF DESIGN AND ENVIRONMENT

Aug 12 20 16

DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602401-03	MANHOLE TYPE A
602406-07	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604086-03	FRAME AND GRATE TYPE 23
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTNG DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD SIGNAL DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
877001-06	STEEL MAST ARM ASSEMBLY AND POLE 16' THOUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF HARVEY, AND THE VILLAGE OF PHOENIX.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
4. THE APPROXIMATE BOUNDARY LINE BETWEEN THE CITY OF HARVEY AND THE VILLAGE OF PHOENIX IS ALONG THE CENTERLINE OF HALSTED AND OLD HALSTED STREETS. THE CITY OF HARVEY IS TO THE WEST OF THE CENTERLINE OF HALSTED STREET AND THE VILLAGE OF PHOENIX IS TO THE EAST.
5. AT LEAST TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION, RICK WILLMAN OF PACE SHALL BE CONTACTED AT (847) 228-3584. PRIOR TO RELOCATING PACE'S TSP EQUIPMENT LOCATED ON THE TRAFFIC SIGNALS AT THE INTERSECTION OF IL ROUTE 1 AND 152ND STREET, TAQHI MOHAMMED OF PACE SHALL BE CONTACTED AT (847) 228-4287.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
8. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
9. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
11. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, AT (708) 597-9800 OR PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
13. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
14. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
15. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
16. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
17. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
18. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
19. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
20. TOP OF GRATE ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES/GRATES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST. TOP OF GRATE ELEVATIONS SHOWN ON THE PLANS FOR STRUCTURES LOCATED IN THE CURB LINE ARE GIVEN AT THE EDGE OF PAVEMENT. PROPOSED SEWER LENGTHS PROVIDED IN THE QUANTITIES ARE FROM THE CENTER OF THE STRUCTURES.
21. BROWN SILT WAS ENCOUNTERED DURING SOIL BORINGS AT STATION 50+31 ON HALSTED STREET FROM ABOUT EIGHT TO TEN FEET BELOW EXISTING GROUND. THE CONTRACTOR WILL NEED TO TAKE THE PROPER PRECAUTIONS WHILE TRENCHING AT THIS AREA AND DEPTH.
22. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AS) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

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	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
IL ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	2
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

GENERAL NOTES CONTINUED

23. ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF THE PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARDS 601001 AND 601101. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS ITEM.

24. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW(BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 of the SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

25. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE CITY OF HARVEY AND THE VILLAGE OF PHOENIX. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. TREES THAT REQUIRE TRANSPLANTING SHALL ONLY BE TRANSPLANTED WHEN DORMANT.

26. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

27. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

28. THE ENGINEER WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 AT LEAST 7 DAYS PRIOR TO LAYOUT OF TREE TRANSPLANTING LOCATIONS AND PLANTING LOCATIONS.

29. PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.

30. ALL PROPOSED SIDE CURB QUANTITIES SHALL BE PAID FOR AS PCC SIDEWALK 5", UNLESS OTHERWISE NOTED ON PLANS.

31. RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON VINCENNES ROAD, SOUTH OF HALSTED STREET.

32. STONE BEDDING AS OUTLINED IN MWRD NOTE #6 SHALL BE PAID FOR AS TRENCH BACKFILL. A CONCRETE CRADLE OR AN ENCASEMENT AS OUTLINED IN MWRD NOTE #6, IF USED, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.

MWRD GENERAL NOTES

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK. THE FIELD OFFICE PHONE NUMBER IS 708-588-4055.

2. ELEVATION DATUM IS NAVD 88.

3. THE MWRD CONSIDERS 0.00 CHICAGO CITY DATUM (CCD) TO BE 579.48 MSL 1929 ADJUSTMENT.

4. NO FLOOR DRAINS.

5. NO FOOTING DRAINS AND DOWNSPOUTS.

6. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4 INCH TO 1 INCH IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE IDOT GRADATION CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12 INCHES ABOVE THE TOP OF THE PIPE WHEN PVC PIPE IS USED. DUCTILE IRON DOES REQUIRE STONE BEDDING. IF A CONCRETE CRADLE OR ENCASEMENT IS PROVIDED, BEDDING CAN BE ELIMINATED.

7. A NON-SHEAR MISSION COUPLING SHALL BE USED FOR THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.

8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY OTHER THAN AN EXISTING WYE, TEE OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
   1. USING A CIRCULAR CORING MACHINE, CORE DRILL AN OPENING INTO THE EXISTING PIPE AND INSTALL A SADDLE OR PREFABRICATED TEE.
   2. REMOVE AN ENTIRE SECTION OF THE PIPE BREAKING ONLY THE TOP OF ONE BELL AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
   3. WITH A PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING A NON-SHEAR MISSION COUPLING TO HOLD IT FIRMLY ON PLACE.

9. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18-INCH VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED ON THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18-INCH VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.

10. NO SEPTIC SYSTEM WORK ON THIS PROJECT.

11. ALL SANITARY MANHOLES AND STORM MANHOLES IN COMBINED SEWER AREAS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES AND SHALL BE CAST IN PLACE CONCRETE OR PRE-CAST REINFORCED CONCRETE.

12. ALL ABANDONED SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH TWO (2) FOOT LONG NON-SHRINK CONCRETE OR MORTAR GROUT.

13. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS AND FOR UNDERDRAINS SERVING GREEN INFRASTRUCTURE, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES, OTHER THAN THOSE SERVING GREEN INFRASTRUCTURE, ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

14. ALL CONNECTIONS TO EXISTING MANHOLES OR STORM STRUCTURES SHALL BE WATERTIGHT AS PER ASTM C-923.

15. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-2672 OR ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3212
14-INCH TO 48-INCH	AWWA C905	ASTM D-3212

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
IL ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	3
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
*	X1400182	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1			1				
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	31	31						
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	94	94						
*	20101000	TEMPORARY FENCE	FOOT	507	507						
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	6	6						
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	11	11						
	20200100	EARTH EXCAVATION	CU YD	3015	3015						
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	429	429						
	20800150	TRENCH BACKFILL	CU YD	970	970						
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	883	883						
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	368	368						
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	46	46						
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	46	46						
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	46	46						

* SPECIALTY ITEMS

14

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	4

CONTRACT NO. 60T20

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
*	25200110	SODDING, SALT TOLERANT	SQ YD	3669	3669						
*	25200200	SUPPLEMENTAL WATERING	UNIT	30	30						
*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	76	76						
	28000400	PERIMETER EROSION BARRIER	FOOT	2686	2686						
	28000510	INLET FILTERS	EACH	35	35						
*	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	3669	3669						
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	295	295						
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	8830	8830						
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	542	542						
	35501317	HOT-MIX ASPHALT BASE COURSE, 8 1/4"	SQ YD	7629	7629						
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8931	8753				178		
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	13	12				1		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	160	160						
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	3	3						

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	5

CONTRACT NO. 60T20

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
			URBAN							
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX	TON	1797	1752				45		
	"D", N70									
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	114	114						
42001300	PROTECTIVE COAT	SQ YD	3777	2614					927	236
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SQ YD	157	157						
	PAVEMENT, 8 INCH									
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	16583	7625					7315	1643
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1617	115					1026	476
42400800	DETECTABLE WARNINGS	SQ FT	557	235					237	85
44000100	PAVEMENT REMOVAL	SQ YD	6880	6880						
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	8398	8003				395		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1096	1096						
44000300	CURB REMOVAL	FOOT	430	430						
44000400	GUTTER REMOVAL	FOOT	100	100						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3459	3459						
44000600	SIDEWALK REMOVAL	SQ FT	10506	5542					4608	356

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	6
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
44002214	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/2"	SQ YD	14	14						
44003100	MEDIAN REMOVAL	SQ FT	2475	2475						
44004250	PAVED SHOULDER REMOVAL	SQ YD	313	313						
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	81	81						
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	22	22						
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	155	155						
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	91	91						
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	6	6						
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	516	516						
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	69	69						
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	81	81						
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1806	1806						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	203	203						
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	237	237						
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	152	152						

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	7

CONTRACT NO. 60T20

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE	80% FED 13.33% STATE 6.67% PHOENIX	80% FED 10% STATE 10% HARVEY	80% FED 20% STATE	80% FED 10% STATE 10% PHOENIX	80% FED 20% PHOENIX	80% FED 20% HARVEY
			URBAN	ROADWAY 0004	TR. SIGNALS 0021	TR. SIGNALS 0021	INTERCONNECT 0021	RESURFACING PARKING 0005	SHARED-USE PATH AND SIDEWALK 0028	SHARED-USE PATH AND SIDEWALK 0028
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	429	429						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	86	86						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	146	146						
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	428	428						
55100400	STORM SEWER REMOVAL 10"	FOOT	300	300						
55100500	STORM SEWER REMOVAL 12"	FOOT	574	574						
55100700	STORM SEWER REMOVAL 15"	FOOT	584	584						
55101200	STORM SEWER REMOVAL 24"	FOOT	278	278						
55101300	STORM SEWER REMOVAL 27"	FOOT	22	22						
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	79	79						
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	387	387						
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	3	3						
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3						
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1						

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	8
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2	2						
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	1	1						
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5	5						
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1						
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6						
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1						
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3						
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3	3						
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	2	2						
60260100	INLETS TO BE ADJUSTED	EACH	1	1						

* SPECIALTY ITEMS

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SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																							
				80% FED 20% STATE	80% FED 13.33% STATE 6.67% PHOENIX	80% FED 10% STATE 10% HARVEY	80% FED 20% STATE	80% FED 10% STATE 10% PHOENIX	80% FED 20% PHOENIX	80% FED 20% HARVEY																	
			URBAN	ROADWAY 0004	TR. SIGNALS 0021	TR. SIGNALS 0021	INTERCONNECT 0021	RESURFACING PARKING 0005	SHARED-USE PATH AND SIDEWALK 0028	SHARED-USE PATH AND SIDEWALK 0028																	
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1	EACH	4	4																							
	FRAME, OPEN LID																										
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1	EACH	5	5																							
	FRAME, CLOSED LID																										
60261530	INLETS TO BE ADJUSTED WITH NEW TYPE 23	EACH	2	2																							
	FRAME AND GRATE																										
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	9	9																							
60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	8	8																							
60500040	REMOVING MANHOLES	EACH	9	9																							
60500050	REMOVING CATCH BASINS	EACH	1	1																							
60500060	REMOVING INLETS	EACH	10	10																							
60600605	CONCRETE CURB, TYPE B	FOOT	71	71																							
60603800	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	511	511																							
	TYPE B-6.12																										
60605000	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	3639	3639																							
	TYPE B-6.24																										
60610400	COMBINATION CONCRETE CURB AND GUTTER,	FOOT	50	50																							
	TYPE M-6.24																										
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	300	300																							

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	32G2N-1	COOK	121	10
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	1597	1597						
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1130	1130						
*	66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1						
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5						
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12						
	67100100	MOBILIZATION	LSUM	1	1						
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	5976	5976						
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6126	6126						
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	110	110						
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5269	5269						
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2143	2143						
	70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	97	97						
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	125	125						
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	273	273						
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	387.5	387.5						

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	11
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

	SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE	80% FED 13.33% STATE 6.67% PHOENIX	80% FED 10% STATE 10% HARVEY	80% FED 20% STATE	80% FED 10% STATE 10% PHOENIX	80% FED 20% PHOENIX	80% FED 20% HARVEY
			URBAN	ROADWAY 0004	TR. SIGNALS 0021	TR. SIGNALS 0021	INTERCONNECT 0021	RESURFACING PARKING 0005	SHARED-USE PATH AND SIDEWALK 0028	SHARED-USE PATH AND SIDEWALK 0028
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	237.5	237.5						
70600240	IMPACT ATTENUATORS, TEMPORARY (NON-	EACH	4	4						
	REDIRECTIVE), TEST LEVEL 2									
70600340	IMPACT ATTENUATORS, RELOCATE (NON-	EACH	2	2						
	REDIRECTIVE), TEST LEVEL 2									
* 72000100	SIGN PANEL - TYPE 1	SQ FT	108.9	86.9	8	14				
* 72000200	SIGN PANEL - TYPE 2	SQ FT	50		17	33				
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	12	12						
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2						
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	25.4	25.4						
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2						
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	174.2	174.2						
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	11	11						
* 78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	110	110						
	LETTERS AND SYMBOLS									
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5269	5269						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2143	2143						

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	12
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	97	97						
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	125	125						
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	273	273						
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	142	142						
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	100	100						
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2		1	1				
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	768		438	273	57			
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	50		20	30				
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	192		109	83				
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	547		309	238				
*	81400100	HANDHOLE	EACH	9		5	4				
*	81400300	DOUBLE HANDHOLE	EACH	2		1	1				
*	86000100	MASTER CONTROLLER	EACH	1			1				
*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	2		1	1				

* SPECIALTY ITEMS

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES IL. ROUTE 1 AT VINCENNES ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			3730	3262N-1	COOK	121	13
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 60T20				
	PLOT DATE = 6/22/2016	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	222				222			
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1343		974	369				
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1413		1016	397				
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3594		1096	2498				
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	207		207					
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1315		692	623				
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	255		218	37				
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1270		813	457				
*	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1		1					
*	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	5		2	3				
*	87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1		1					
*	87700130	STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	2		2					
*	87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1			1				
*	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	3		1	2				
15 *	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1			1				

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	14
		CONTRACT NO. 60T20		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE	80% FED 13.33% STATE 6.67% PHOENIX	80% FED 10% STATE 10% HARVEY	80% FED 20% STATE	80% FED 10% STATE 10% PHOENIX	80% FED 20% PHOENIX	80% FED 20% HARVEY
				URBAN	ROADWAY 0004	TR. SIGNALS 0021	TR. SIGNALS 0021	INTERCONNECT 0021	RESURFACING PARKING 0005	SHARED-USE PATH AND SIDEWALK 0028	SHARED-USE PATH AND SIDEWALK 0028
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28		16	12				
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		4	4				
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH	FOOT	74		30	44				
		DIAMETER									
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	12		4	8				
		MAST-ARM MOUNTED									
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	10		2	8				
		BRACKET MOUNTED									
*	88055160	OPTICALLY PROGRAMMED SIGNAL HEAD, LED,	EACH	1		1					
		1-FACE, 3-SECTION, MAST ARM MOUNTED									
*	88055165	OPTICALLY PROGRAMMED SIGNAL HEAD, LED,	EACH	1		1					
		1-FACE, 4-SECTION, BRACKET MOUNTED									
*	88055170	OPTICALLY PROGRAMMED SIGNAL HEAD, LED,	EACH	1		1					
		1-FACE, 4-SECTION, MAST ARM MOUNTED									
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE,	EACH	10		6	4				
		BRACKET MOUNTED WITH COUNTDOWN TIMER									
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED,	EACH	14		6	8				
		FORMED PLASTIC									
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	6		3	3				
*	88600100	DETECTOR LOOP, TYPE I	FOOT	500		276	224				

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	15
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
				URBAN							
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	10		6	4				
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1				
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL	EACH	2		1	1				
		EQUIPMENT									
*	89502380	REMOVE EXISTING HANDHOLE	EACH	10		6	4				
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	13		6	7				
*	A2004617	TREE, GLEDITSIA TRIACANTHOS VAR.	EACH	3	3						
		INERMIS DRAVES (STREET KEEPER									
		HONEYLOCUST), 2-1/2" CALIPER, BALLED									
		AND BURLAPPED									
*	B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS	EACH	9	9						
		(THORN LESS COCKSPUR HAWTHORN), 2"									
		CALIPER, TREE FORM, BALLED AND									
		BURLAPPED									
*	B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE	EACH	3	3						
		LILAC), 2" CALIPER, TREE FORM, BALLED									
		AND BURLAPPED									
*	K0026610	TRANSPLANTED SALVAGED TREES	EACH	19	19						
*	K0026850	PERENNIAL PLANT CARE	SQ YD	350	350						
*	K1005863	TREE ROOT PRUNING	EACH	12	12						

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	16
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	5634	5634						
X0350810	BOLLARD REMOVAL	EACH	1	1						
* X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1		1					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	7	7						
Δ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	100	100						
X6020095	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1						
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	15	15						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1						
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	17561	17561						
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	174	174						
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2		1	1				

* SPECIALTY ITEMS

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Δ NP-100% STATE

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE ROADWAY 0004	80% FED 13.33% STATE 6.67% PHOENIX TR. SIGNALS 0021	80% FED 10% STATE 10% HARVEY TR. SIGNALS 0021	80% FED 20% STATE INTERCONNECT 0021	80% FED 10% STATE 10% PHOENIX RESURFACING PARKING 0005	80% FED 20% PHOENIX SHARED-USE PATH AND SIDEWALK 0028	80% FED 20% HARVEY SHARED-USE PATH AND SIDEWALK 0028
				URBAN							
*	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO.	FOOT	245				245			
		62.5/125, MM12F SM24F									
	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	39	39						
	Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	464	464						
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1						
Δ	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	9	9						
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	152.1	152.1						
*	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1				1			
	Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	470	470						
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	378	378						
	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	22	22						
	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	71	71						
	Z0056618	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	45	45						
	Z0062456	TEMPORARY PAVEMENT	SQ YD	542	542						
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		1	1				
ϕ	Z0076600	TRAINEES	HOUR	500	500						
	Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	165	165						
ϕ	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500						

* SPECIALTY ITEMS

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	PLOT DATE = 5/22/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

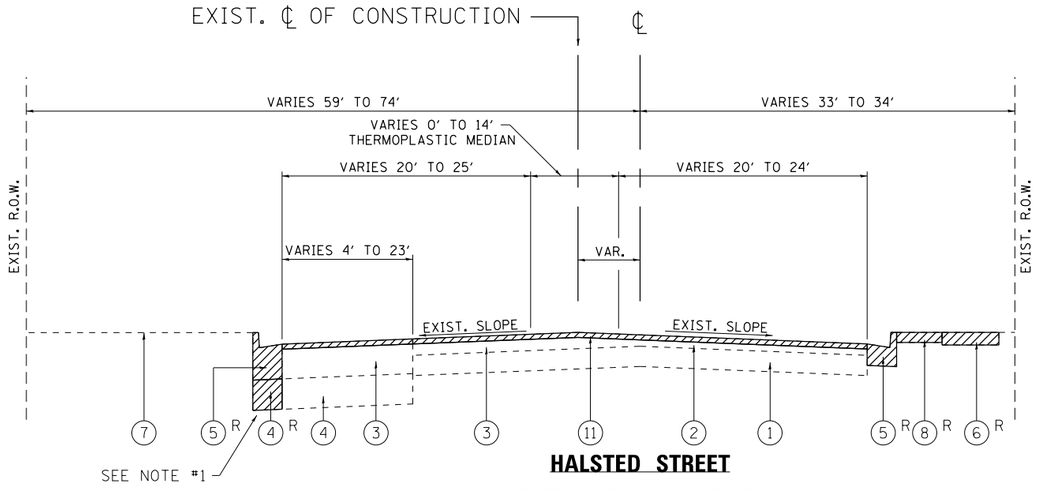
SUMMARY OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	18
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

ϕ 0042

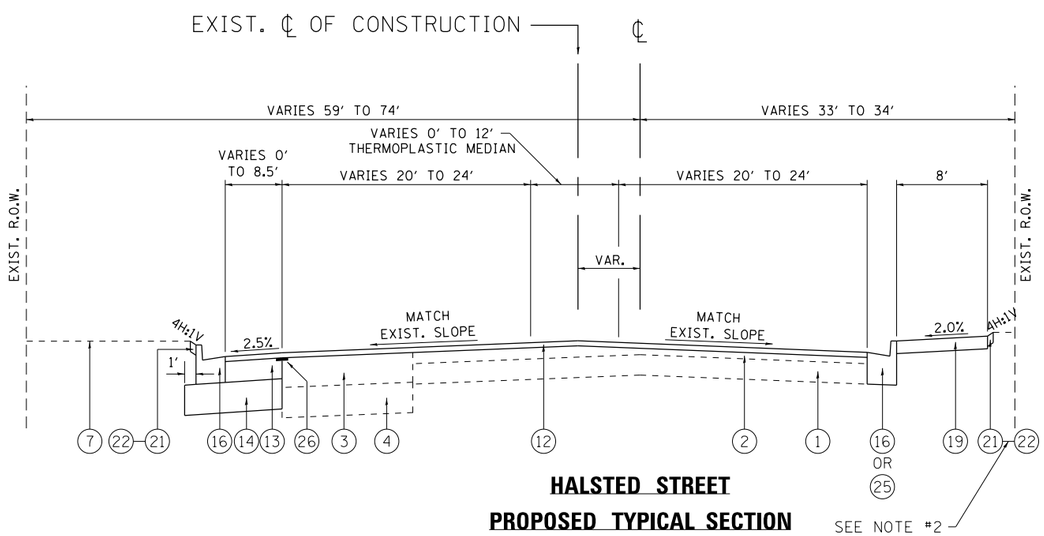
Δ NP-100% STATE



HALSTED STREET

EXISTING TYPICAL SECTION

STA 46+65 TO STA 49+50



HALSTED STREET

PROPOSED TYPICAL SECTION

STA 46+65 TO STA 49+50

NOTES:

1. PIPE UNDERDRAIN REMOVAL (STA 46+65 TO STA 51+35).
2. SEE CROSS SECTIONS FOR AREAS WHERE PCC SIDEWALK, 5'' SHALL BE INSTALLED.
3. THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING.

LEGEND:

1. EXISTING CONCRETE BASE COURSE, ± 8½''
2. EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½'' TO ± 6''
3. EXISTING HMA BINDER COURSE, VARIES FROM ± 6'' TO ± 12¼''
4. EXISTING AGGREGATE SUBGRADE, 12''
5. EXISTING COMB. CONC. CURB AND GUTTER
6. EXISTING PCC SIDEWALK, 5''
7. EXISTING SOD
8. EXISTING PAVED SHOULDER, 4''
9. EXISTING PCC MEDIAN SURFACE, 4''
10. EXISTING SAND FILL
11. PROPOSED HMA SURFACE REMOVAL, 2''
12. PROPOSED HMA SURFACE COURSE, MIX ''D'', N70, 2''
13. PROPOSED HMA BASE COURSE, 8¼''
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12''
15. PROPOSED HMA BASE COURSE, 8''
16. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
17. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
19. PROPOSED PCC SHARED-USE PATH, 5'' (PAID FOR AS PCC SIDEWALK, 5'')
20. PROPOSED PCC SIDEWALK, 5''
21. PROPOSED TOPSOIL, 4'' (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
22. PROPOSED SODDING, SALT TOLERANT
23. PROPOSED PCC SIDEWALK, 8''
24. PROPOSED PCC SHARED-USE PATH, 8'' (PAID FOR AS PCC SIDEWALK, 8'')
25. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12
26. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
27. PROPOSED HMA SURFACE COURSE, MIX ''D'', N50, 2''

R = TO BE REMOVED

HMA MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RECONSTRUCTION AND WIDENING	HMA SURFACE COURSE, MIX ''D'', N70, (IL-9.5 mm); 2''	4% @ 70 GYR.	QCP
	HMA BASE COURSE, (HMA BINDER IL-19 mm); 8¼''	4% @ 70 GYR.	QCP
PAVEMENT RESURFACING	HMA SURFACE COURSE, MIX ''D'', N70, (IL-9.5 mm); 2''	4% @ 70 GYR.	QCP
TEMPORARY PAVEMENT	TEMP PAVEMENT (HMA BINDER IL-19 mm); 10''	4% @ 50 GYR.	QC/QA
DRIVEWAYS	HMA SURFACE COURSE, MIX ''D'', N50, (IL-9.5 mm); 2''	4% @ 50 GYR.	QC/QA
	HMA BASE COURSE, (HMA BINDER IL-19 mm); PE - 6'', CE - 8''	4% @ 50 GYR.	QC/QA
PATCHING	CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/QA
	HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)			

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: THE ''AC TYPE'' FOR POLYMERIZED HMA MIXES SHALL BE ''SBS/SBR PG 76 -22'' AND FOR NON-POLYMERIZED HMA THE ''AC TYPE'' SHALL BE ''PG 64 -22'' UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

NOTE 3: FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

NOTE 4: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE 5: PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; 8'' THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

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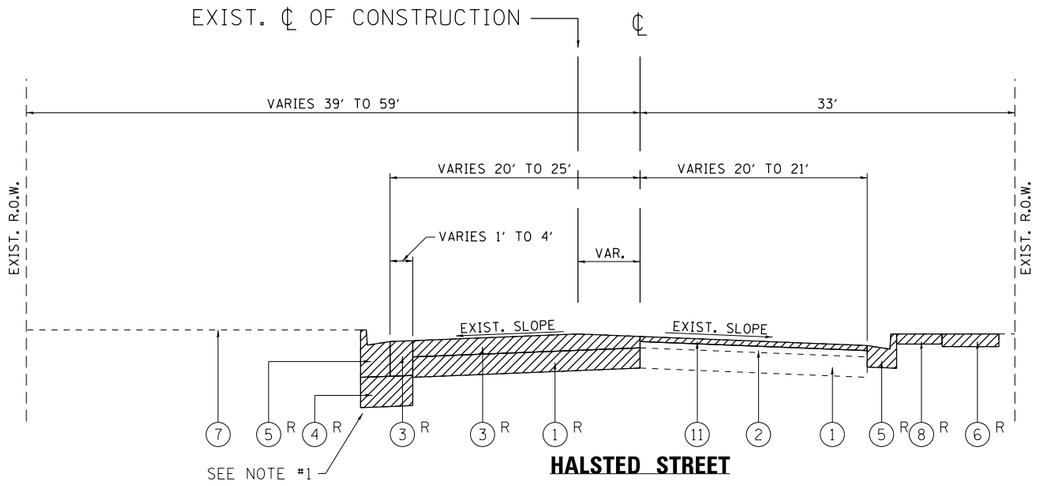
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

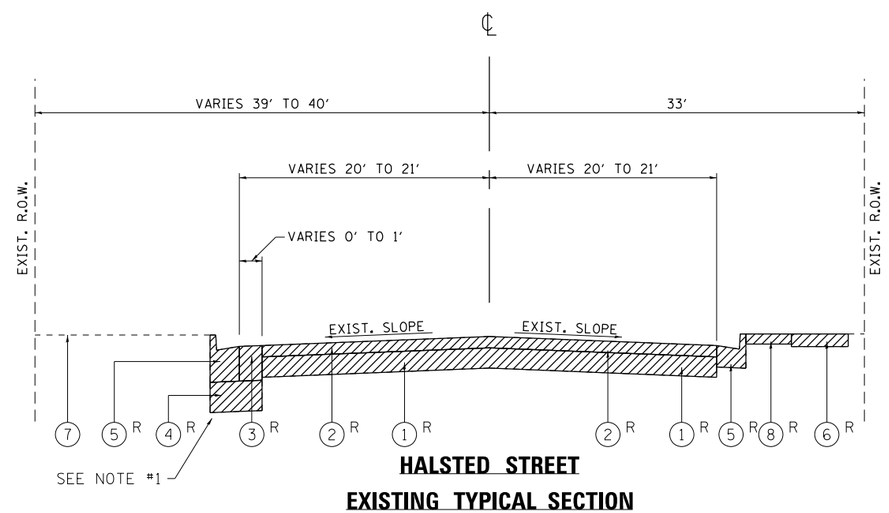
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	19
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



HALSTED STREET

EXISTING TYPICAL SECTION

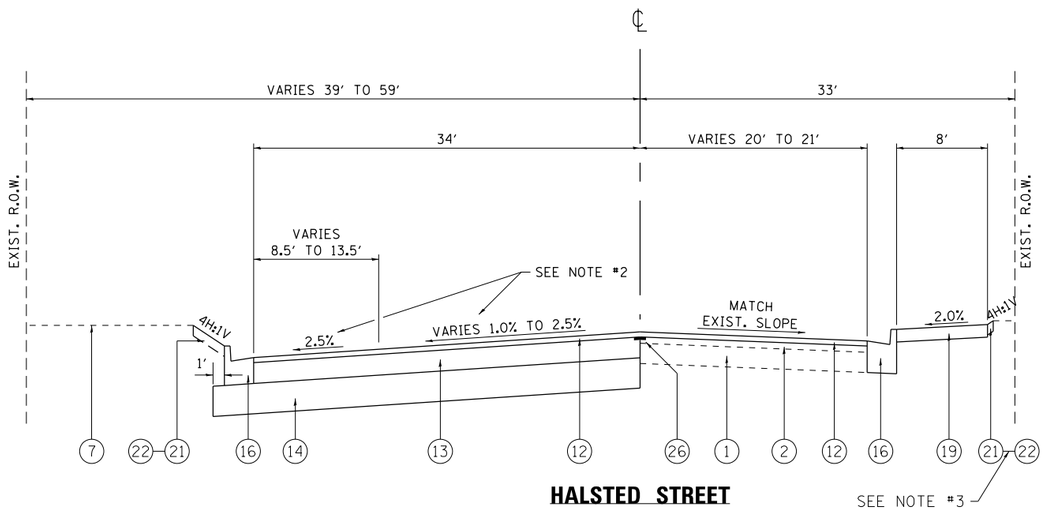
STA 49+50 TO STA 50+50



HALSTED STREET

EXISTING TYPICAL SECTION

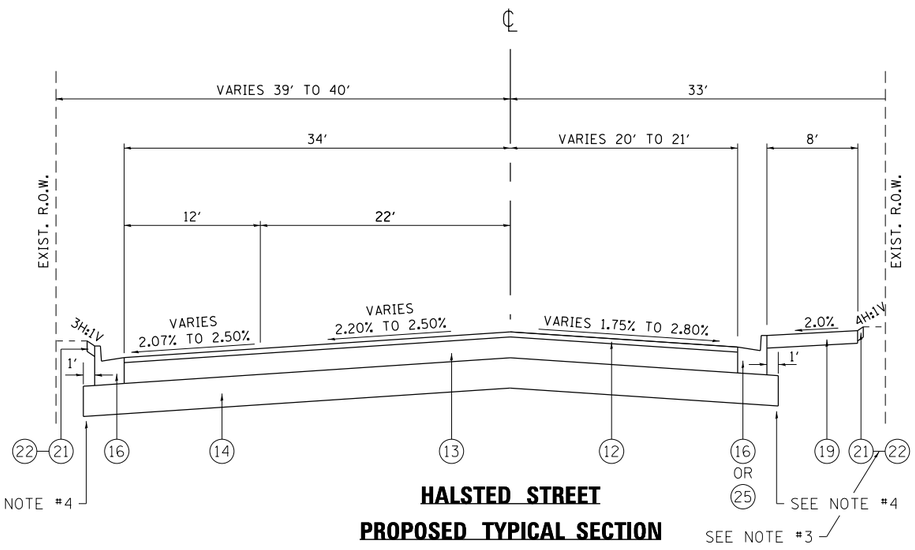
STA 50+50 TO STA 51+35



HALSTED STREET

PROPOSED TYPICAL SECTION

STA 49+50 TO STA 50+50



HALSTED STREET

PROPOSED TYPICAL SECTION

STA 50+50 TO STA 51+35

LEGEND:

1. EXISTING CONCRETE BASE COURSE, ± 8½″
2. EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½″ TO ± 6″
3. EXISTING HMA BINDER COURSE, VARIES FROM ± 6″ TO ± 12¼″
4. EXISTING AGGREGATE SUBGRADE, 12″
5. EXISTING COMB. CONC. CURB AND GUTTER
6. EXISTING PCC SIDEWALK, 5″
7. EXISTING SOD
8. EXISTING PAVED SHOULDER, 4″
9. EXISTING PCC MEDIAN SURFACE, 4″
10. EXISTING SAND FILL
11. PROPOSED HMA SURFACE REMOVAL, 2″
12. PROPOSED HMA SURFACE COURSE, MIX ″D″, N70, 2″
13. PROPOSED HMA BASE COURSE, 8¼″
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12″
15. PROPOSED HMA BASE COURSE, 8″
16. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
17. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
19. PROPOSED PCC SHARED-USE PATH, 5″ (PAID FOR AS PCC SIDEWALK, 5″)
20. PROPOSED PCC SIDEWALK, 5″
21. PROPOSED TOPSOIL, 4″ (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
22. PROPOSED SODDING, SALT TOLERANT
23. PROPOSED PCC SIDEWALK, 8″
24. PROPOSED PCC SHARED-USE PATH, 8″ (PAID FOR AS PCC SIDEWALK, 8″)
25. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12
26. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
27. PROPOSED HMA SURFACE COURSE, MIX ″D″, N50, 2″

R = TO BE REMOVED

NOTES:

1. PIPE UNDERDRAIN REMOVAL (STA 46+65 TO STA 51+35).
2. THE CROSS SLOPE TRANSITIONS FROM THE EXISTING CROSS SLOPE AT STA 49+50 TO 2.5% AT STA 50+00 IN THE RECONSTRUCTION PORTION OF THE ROADWAY. THE CROSS SLOPE OF THE WIDENING REMAINS 2.5% THROUGHOUT THIS SECTION OF ROADWAY. SEE CROSS SECTIONS AND INTERSECTION DETAIL FOR ADDITIONAL DETAILS.
3. SEE CROSS SECTIONS FOR AREAS WHERE PCC SIDEWALK, 5″ SHALL BE INSTALLED.
4. INSTALL TRANSVERSE PIPE UNDERDRAINS, TYPE 2, 4″ AT STA 50+67 (HALSTED ST.).
5. THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING (FROM STA 49+50 TO STA 50+50, RT SIDE ONLY).

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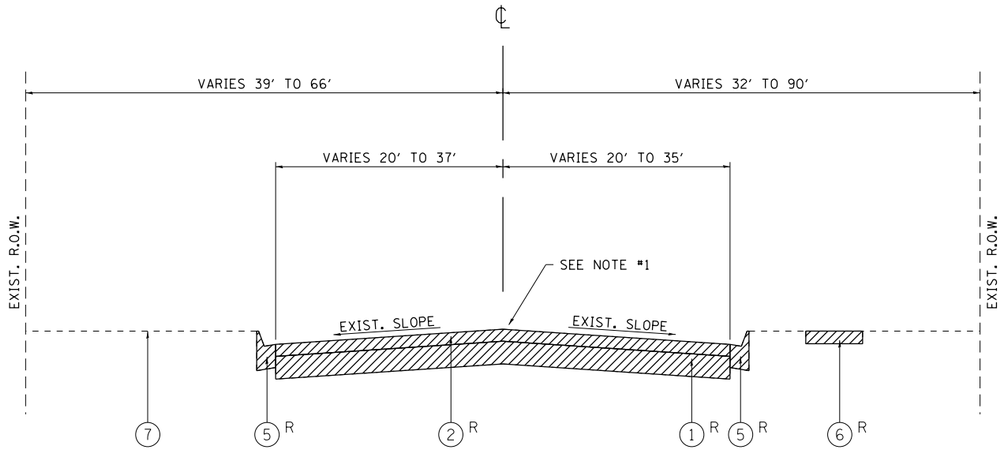
Default	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

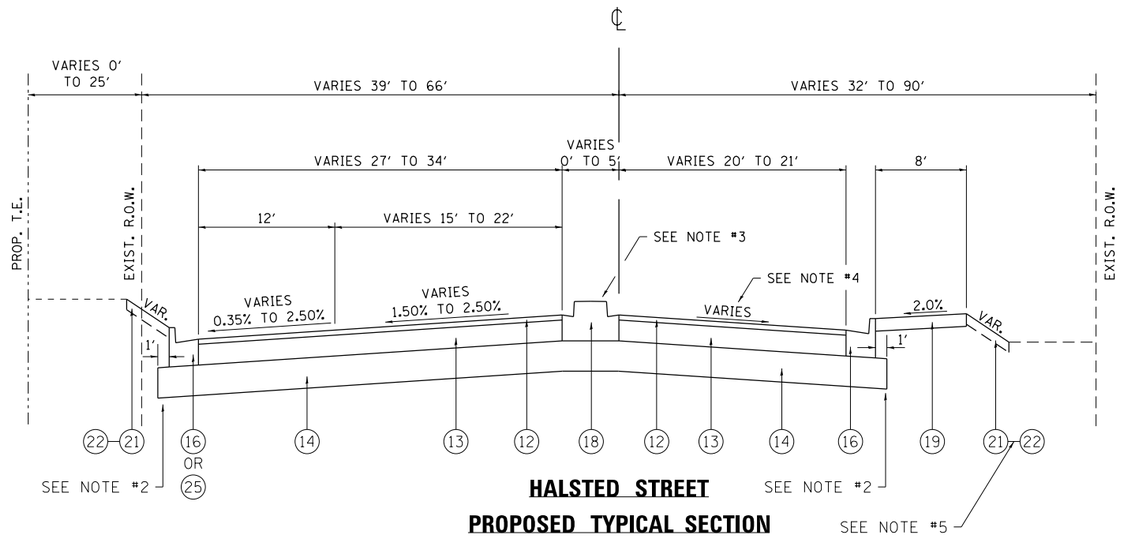
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	20
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	



HALSTED STREET

EXISTING TYPICAL SECTION

STA 51+35 TO STA 57+35



HALSTED STREET

PROPOSED TYPICAL SECTION

STA 51+35 TO STA 57+35

LEGEND:

1. EXISTING CONCRETE BASE COURSE, ± 8½″
2. EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½″ TO ± 6″
3. EXISTING HMA BINDER COURSE, VARIES FROM ± 6″ TO ± 12¼″
4. EXISTING AGGREGATE SUBGRADE, 12″
5. EXISTING COMB. CONC. CURB AND GUTTER
6. EXISTING PCC SIDEWALK, 5″
7. EXISTING SOD
8. EXISTING PAVED SHOULDER, 4″
9. EXISTING PCC MEDIAN SURFACE, 4″
10. EXISTING SAND FILL
11. PROPOSED HMA SURFACE REMOVAL, 2″
12. PROPOSED HMA SURFACE COURSE, MIX ″D″, N70, 2″
13. PROPOSED HMA BASE COURSE, 8¼″
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12″
15. PROPOSED HMA BASE COURSE, 8″
16. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
17. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
19. PROPOSED PCC SHARED-USE PATH, 5″ (PAID FOR AS PCC SIDEWALK, 5″)
20. PROPOSED PCC SIDEWALK, 5″
21. PROPOSED TOPSOIL, 4″ (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
22. PROPOSED SODDING, SALT TOLERANT
23. PROPOSED PCC SIDEWALK, 8″
24. PROPOSED PCC SHARED-USE PATH, 8″ (PAID FOR AS PCC SIDEWALK, 8″)
25. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12
26. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
27. PROPOSED HMA SURFACE COURSE, MIX ″D″, N50, 2″

R = TO BE REMOVED

NOTES:

1. EXISTING CONCRETE MEDIAN, VARIES 0′ TO 33′ (STA 56+65 TO STA 57+35).
2. INSTALL TRANSVERSE PIPE UNDERDRAINS, TYPE 2, 4″ AT STA 54+15 (HALSTED ST.).
3. PROPOSED LT TN LANE (STA 51+35 TO STA 54+99), PROPOSED 10′ THERMOPLASTIC MEDIAN (STA 54+99 TO STA 56+34), PROPOSED 5′ CONCRETE MEDIAN (STA 56+34 TO STA 57+35) (SEE ROADWAY PLANS FOR DETAILS).
4. SEE CROSS SECTIONS AND INTERSECTION DETAIL FOR CROSS SLOPE VALUES.
5. SEE CROSS SECTIONS FOR AREAS WHERE PCC SIDEWALK, 5″ SHALL BE INSTALLED.

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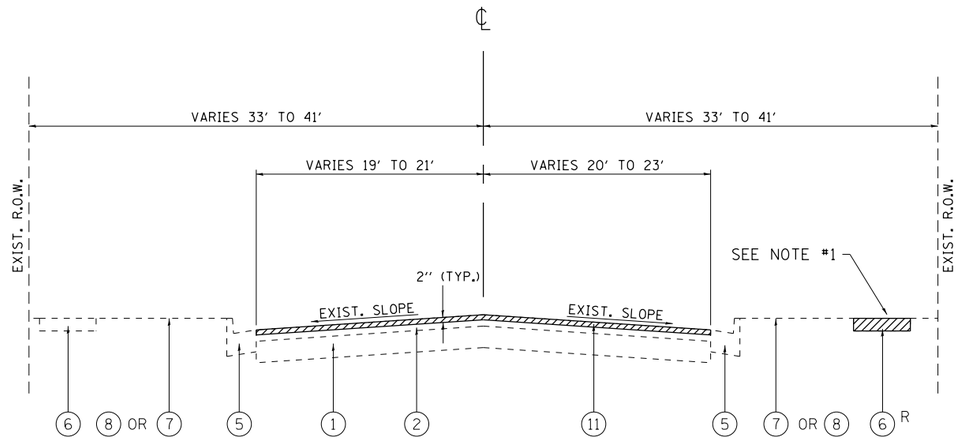
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

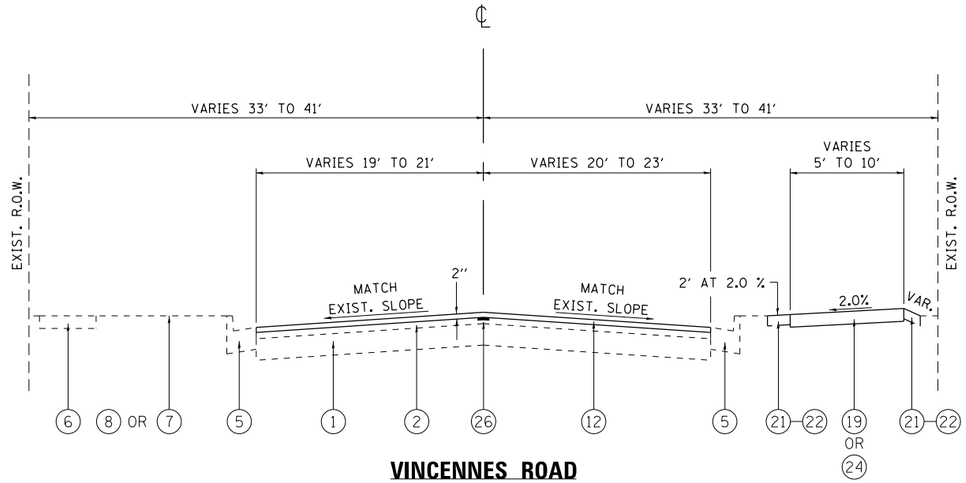
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	21
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		



VINCENNES ROAD

EXISTING TYPICAL SECTION

STA 49+23 TO STA 58+00



VINCENNES ROAD

PROPOSED TYPICAL SECTION

STA 49+23 TO STA 58+00

LEGEND:

1. EXISTING CONCRETE BASE COURSE, ± 8½"
2. EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½" TO ± 6"
3. EXISTING HMA BINDER COURSE, VARIES FROM ± 6" TO ± 12¼"
4. EXISTING AGGREGATE SUBGRADE, 12"
5. EXISTING COMB. CONC. CURB AND GUTTER
6. EXISTING PCC SIDEWALK, 5"
7. EXISTING SOD
8. EXISTING PAVED SHOULDER, 4"
9. EXISTING PCC MEDIAN SURFACE, 4"
10. EXISTING SAND FILL
11. PROPOSED HMA SURFACE REMOVAL, 2"
12. PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"
13. PROPOSED HMA BASE COURSE, 8¼"
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
15. PROPOSED HMA BASE COURSE, 8"
16. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
17. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
19. PROPOSED PCC SHARED-USE PATH, 5"
    (PAID FOR AS PCC SIDEWALK, 5")
20. PROPOSED PCC SIDEWALK, 5"
21. PROPOSED TOPSOIL, 4"
    (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
22. PROPOSED SODDING, SALT TOLERANT
23. PROPOSED PCC SIDEWALK, 8"
24. PROPOSED PCC SHARED-USE PATH, 8"
    (PAID FOR AS PCC SIDEWALK, 8")
25. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12
26. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
27. PROPOSED HMA SURFACE COURSE, MIX "D", N50, 2"

R = TO BE REMOVED

NOTES:

1. SIDEWALK REMOVAL (STA 52+12 TO STA 58+00).
2. THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING.

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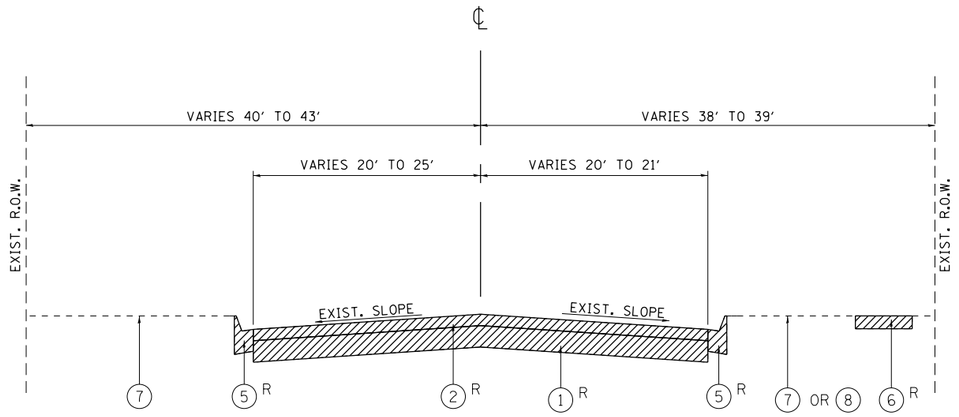
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	22
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

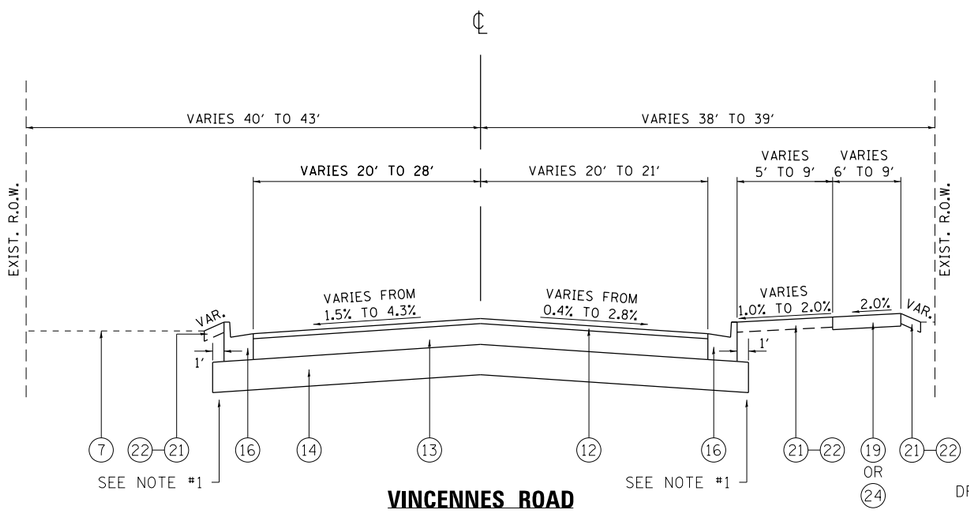


VINCENNES ROAD

EXISTING TYPICAL SECTION

STA 58+00 TO STA 58+87

STA 61+15 TO STA 62+72

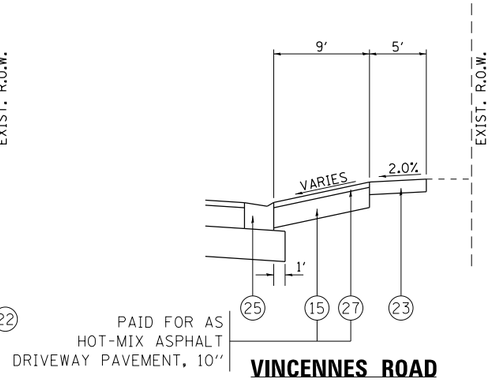


VINCENNES ROAD

PROPOSED TYPICAL SECTION

STA 58+00 TO STA 58+87

STA 61+15 TO STA 62+72



VINCENNES ROAD

PROPOSED TYPICAL SECTION

RT SIDE ONLY

STA 61+77 TO STA 62+72

LEGEND:

(1) EXISTING CONCRETE BASE COURSE, ± 8½"

(2) EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½" TO ± 6"

(3) EXISTING HMA BINDER COURSE, VARIES FROM ± 6" TO ± 12¼"

(4) EXISTING AGGREGATE SUBGRADE, 12"

(5) EXISTING COMB. CONC. CURB AND GUTTER

(6) EXISTING PCC SIDEWALK, 5"

(7) EXISTING SOD

(8) EXISTING PAVED SHOULDER, 4"

(9) EXISTING PCC MEDIAN SURFACE, 4"

(10) EXISTING SAND FILL

(11) PROPOSED HMA SURFACE REMOVAL, 2"

(12) PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"

(13) PROPOSED HMA BASE COURSE, 8¼"

(14) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"

(15) PROPOSED HMA BASE COURSE, 8"

(16) PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24

(17) PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24

(18) PROPOSED CONCRETE MEDIAN, TYPE SB-6.12

(19) PROPOSED PCC SHARED-USE PATH, 5"
(PAID FOR AS PCC SIDEWALK, 5")

(20) PROPOSED PCC SIDEWALK, 5"

(21) PROPOSED TOPSOIL, 4"
(PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)

(22) PROPOSED SODDING, SALT TOLERANT

(23) PROPOSED PCC SIDEWALK, 8"

(24) PROPOSED PCC SHARED-USE PATH, 8"
(PAID FOR AS PCC SIDEWALK, 8")

(25) PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12

(26) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

(27) PROPOSED HMA SURFACE COURSE, MIX "D", N50, 2"

R = TO BE REMOVED

NOTES:

1. INSTALL TRANSVERSE PIPE UNDERDRAINS, TYPE 2, 4" AT STA 58+85 (VINCENNES RD.)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

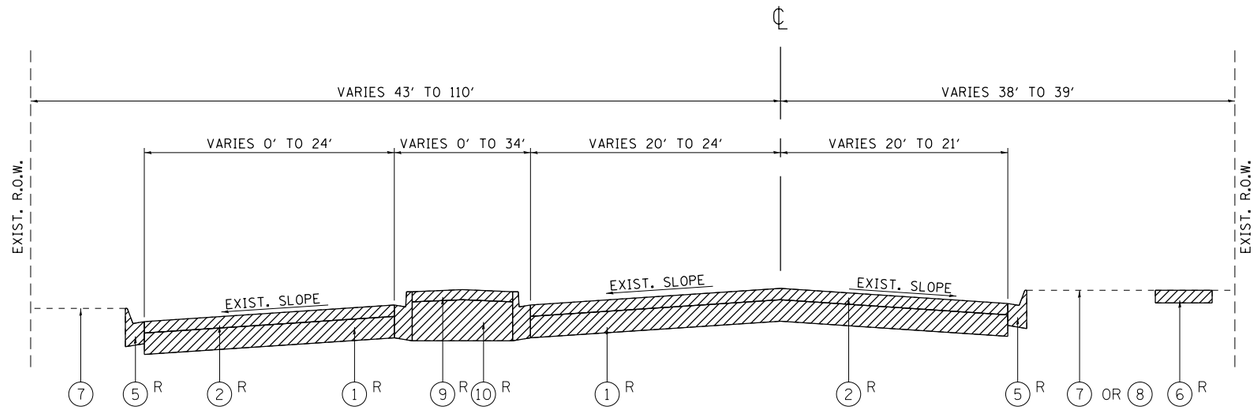
EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	23

CONTRACT NO. 60T20

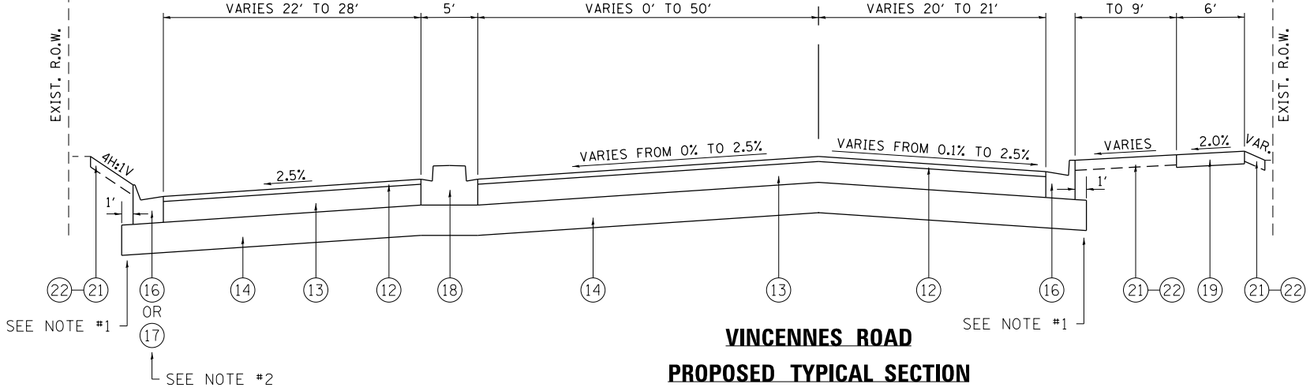
ILLINOIS FED. AID PROJECT



VINCENNES ROAD

EXISTING TYPICAL SECTION

STA 58+87 TO STA 61+15



VINCENNES ROAD

PROPOSED TYPICAL SECTION

STA 58+87 TO STA 61+15

LEGEND:

1. EXISTING CONCRETE BASE COURSE, ± 8½''
2. EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½'' TO ± 6''
3. EXISTING HMA BINDER COURSE, VARIES FROM ± 6'' TO ± 12¼''
4. EXISTING AGGREGATE SUBGRADE, 12''
5. EXISTING COMB. CONC. CURB AND GUTTER
6. EXISTING PCC SIDEWALK, 5''
7. EXISTING SOD
8. EXISTING PAVED SHOULDER, 4''
9. EXISTING PCC MEDIAN SURFACE, 4''
10. EXISTING SAND FILL
11. PROPOSED HMA SURFACE REMOVAL, 2''
12. PROPOSED HMA SURFACE COURSE, MIX ''D'', N70, 2''
13. PROPOSED HMA BASE COURSE, 8¼''
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12''
15. PROPOSED HMA BASE COURSE, 8''
16. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
17. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
19. PROPOSED PCC SHARED-USE PATH, 5''
    (PAID FOR AS PCC SIDEWALK, 5'')
20. PROPOSED PCC SIDEWALK, 5''
21. PROPOSED TOPSOIL, 4''
    (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
22. PROPOSED SODDING, SALT TOLERANT
23. PROPOSED PCC SIDEWALK, 8''
24. PROPOSED PCC SHARED-USE PATH, 8''
    (PAID FOR AS PCC SIDEWALK, 8'')
25. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12
26. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
27. PROPOSED HMA SURFACE COURSE, MIX ''D'', N50, 2''

R = TO BE REMOVED

NOTES:

1. INSTALL TRANSVERSE PIPE UNDERDRAINS, TYPE 2, 4'' AT STA 57+56 (HALSTED ST.) AND AT STA 60+17 (VINCENNES RD.).
2. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24 SHALL BE INSTALLED FROM STA 60+60 TO STA 61+10 (LT SIDE ONLY).

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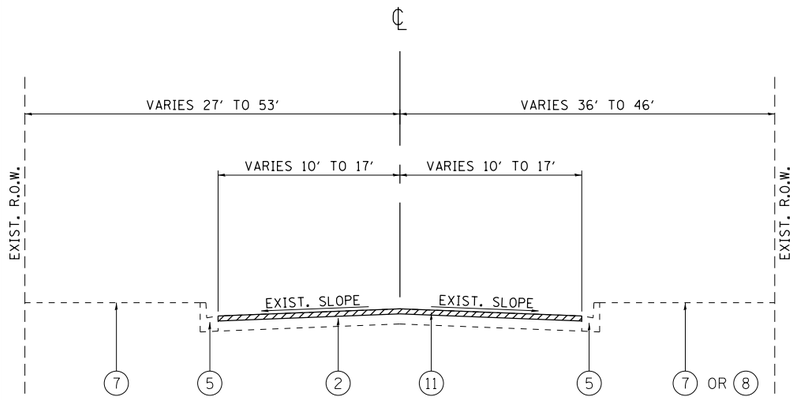
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

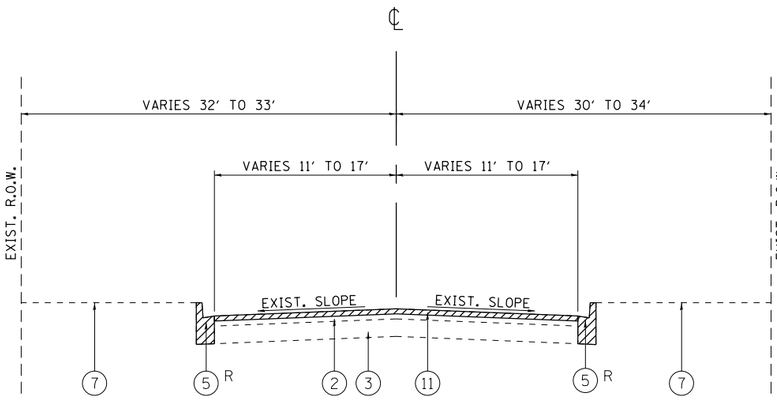
EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

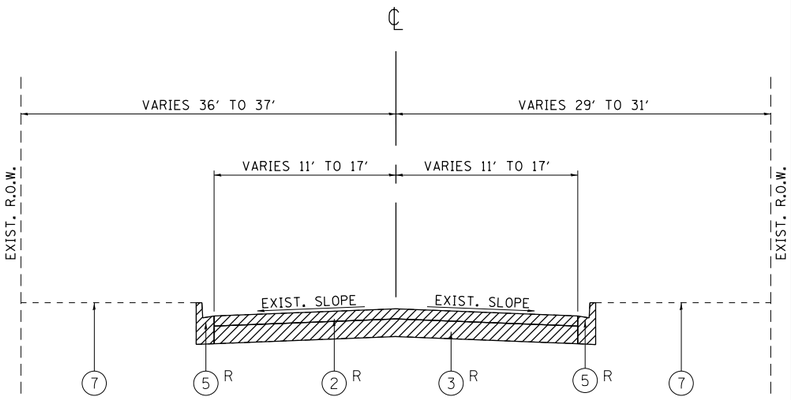
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	24
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



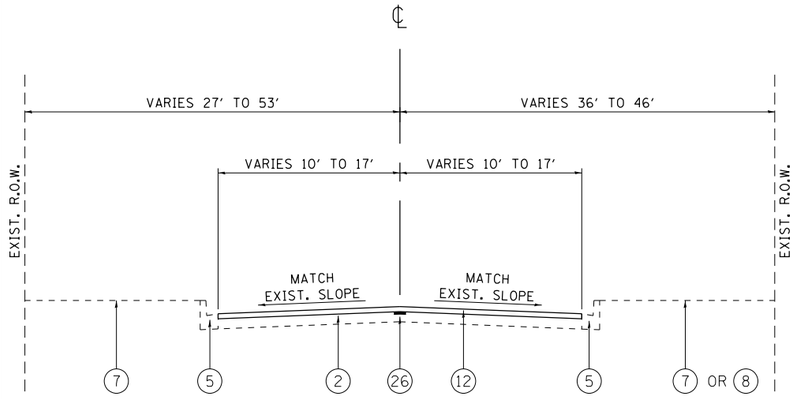
BELLE COURT AND OLD HALSTED STREET
EXISTING TYPICAL SECTION



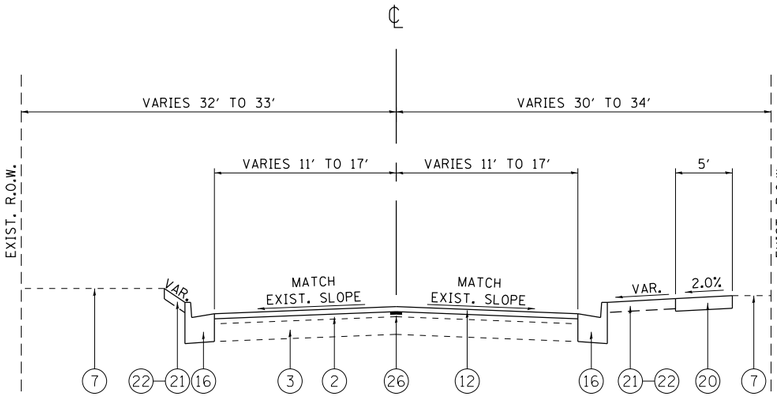
152ND STREET
EXISTING TYPICAL SECTION
STA 3+56 TO STA 4+60



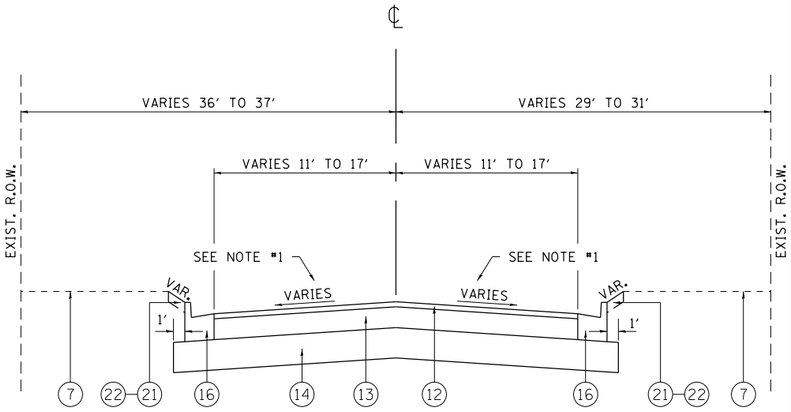
152ND STREET
EXISTING TYPICAL SECTION
STA 4+60 TO STA 5+94



BELLE COURT AND OLD HALSTED STREET
PROPOSED TYPICAL SECTION



152ND STREET
PROPOSED TYPICAL SECTION
STA 3+56 TO STA 4+60



152ND STREET
EXISTING TYPICAL SECTION
STA 4+60 TO STA 5+94

LEGEND:

1. EXISTING CONCRETE BASE COURSE, ± 8½″
2. EXISTING HMA SURFACE COURSE, VARIES FROM ± 3½″ TO ± 6″
3. EXISTING HMA BINDER COURSE, VARIES FROM ± 6″ TO ± 12¼″
4. EXISTING AGGREGATE SUBGRADE, 12″
5. EXISTING COMB. CONC. CURB AND GUTTER
6. EXISTING PCC SIDEWALK, 5″
7. EXISTING SOD
8. EXISTING PAVED SHOULDER, 4″
9. EXISTING PCC MEDIAN SURFACE, 4″
10. EXISTING SAND FILL
11. PROPOSED HMA SURFACE REMOVAL, 2″
12. PROPOSED HMA SURFACE COURSE, MIX ″D″, N70, 2″
13. PROPOSED HMA BASE COURSE, 8¼″
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12″
15. PROPOSED HMA BASE COURSE, 8″
16. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.24
17. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE M-6.24
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.12
19. PROPOSED PCC SHARED-USE PATH, 5″ (PAID FOR AS PCC SIDEWALK, 5″)
20. PROPOSED PCC SIDEWALK, 5″
21. PROPOSED TOPSOIL, 4″ (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
22. PROPOSED SODDING, SALT TOLERANT
23. PROPOSED PCC SIDEWALK, 8″
24. PROPOSED PCC SHARED-USE PATH, 8″ (PAID FOR AS PCC SIDEWALK, 8″)
25. PROPOSED COMB. CONC. CURB AND GUTTER, TYPE B-6.12
26. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
27. PROPOSED HMA SURFACE COURSE, MIX ″D″, N50, 2″

R = TO BE REMOVED

NOTES:

1. SEE INTERSECTION DETAIL FOR CROSS SLOPE VALUES.
2. ON BELLE COURT AND OLD HALSTED STREET, THE CONTRACTOR SHALL PATCH FIRST PRIOR TO MILLING.
3. ON 152ND STREET, THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING (FROM STA 3+56 TO 4+60 ONLY).

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	25
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

EARTHWORK SCHEDULE

1	2	3	4	5	6	7
IL. ROUTE 1 AT VINCENNES ROAD	EARTH EXCAVATION (CU. YD.)	EMBANKMENT (CU. YD.)	EARTH EXCAVATION TO BE USED AS EMBANKMENT (CU. YD.)	EARTHWORK BALANCE SURPLUS (+) OR SHORTAGE (-) (CU. YD.)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU. YD.)	TOPSOIL EXCAVATION AND PLACEMENT (CU. YD.)
HALSTED STREET - STA. 45+95 TO STA. 57+20	1,912	64	1,626	1,562	392	188
VINCENNES ROAD - STA. 49+23 TO STA. 62+72	1,021	114	868	754	36	165
152ND STREET - STA. 3+56 TO STA. 5+94	82	6	70	64	1	15
TOTAL =	3,015	184	2,564	2,380	429	368

COLUMN 1: LOCATION FROM PLANS

COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL OR TOPSOIL

COLUMN 3: FILL QUANTITIES FROM CROSS SECTIONS

COLUMN 4: EARTH EXCAVATION THAT IS TO BE USED AS EMBANKMENT, ADJUSTED FOR SHRINKAGE (SHRINKAGE FACTOR = 15%)

COLUMN 5: COLUMN 4 - COLUMN 3
POSITIVE (+) QUANTITY = EXTRA EXCAVATION
NEGATIVE (-) QUANTITY = FURNISHED EXCAVATION NEEDED

COLUMN 6: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT

COLUMN 7: TOPSOIL EXCAVATION AND PLACEMENT = AREA OF SODDING

NOTES:

1. TOPSOIL SHALL BE EXCAVATED TO A DEPTH OF 12'' IN AREAS THAT SHALL BE DISTURBED BY PROPOSED WORK.

2. EXCAVATED TOPSOIL REQUIRED AT LOCATIONS OF NEW SOD AS SHOWN ON THE LANDSCAPING PLAN SHALL BE PLACED AT A DEPTH OF 4'' AND PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

3. EXCAVATED TOPSOIL NOT REQUIRED ON THE PROJECT SHALL BE CONSIDERED UNSUITABLE MATERIAL AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

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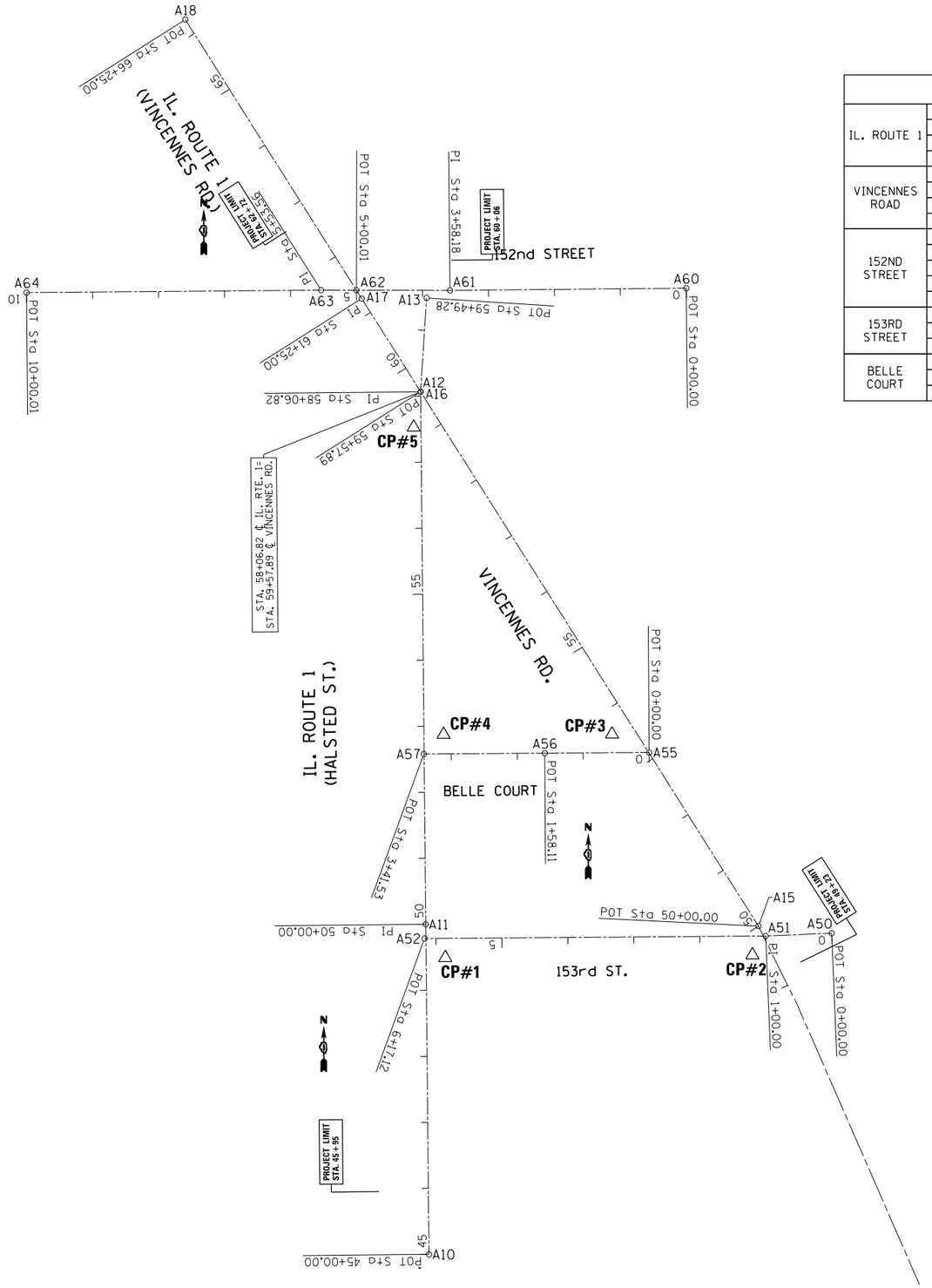
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	26
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



ALIGNMENT COORDINATES				
IL. ROUTE 1	PT* A10	N 1801089.48	E 1174826.15	STA. 45+00
	PT* A11	N 1801589.45	E 1174821.30	STA. 50+00
	PT* A12	N 1802396.23	E 1174813.48	STA. 58+06.82
	PT* A13	N 1802538.41	E 1174822.47	STA. 59+49.28
VINCENNES ROAD	PT* A15	N 1801586.71	E 1175325.56	STA. 50+00
	PT* A16	N 1802396.23	E 1174813.48	STA. 59+57.89
	PT* A17	N 1802537.46	E 1174724.15	STA. 61+25.00
	PT* A18	N 1802960.01	E 1174456.85	STA. 66+25.00
152ND STREET	PT* A60	N 1802553.10	E 1175216.17	STA. 0+00
	PT* A61	N 1802549.78	E 1174858.00	STA. 3+58.18
	PT* A62	N 1802550.05	E 1174716.18	STA. 5+00.01
	PT* A63	N 1802550.16	E 1174662.63	STA. 5+53.56
	PT* A64	N 1802546.48	E 1174216.19	STA. 10+00.01
153RD STREET	PT* A50	N 1801575.90	E 1175436.46	STA. 0+00
	PT* A51	N 1801571.73	E 1175336.55	STA. 1+00
	PT* A52	N 1801567.88	E 1174819.45	STA. 6+17.12
BELLE COURT	PT* A55	N 1801849.81	E 1175159.80	STA. 0+00
	PT* A56	N 1801848.74	E 1175001.70	STA. 1+58.11
	PT* A57	N 1801847.49	E 1174818.28	STA. 3+41.53

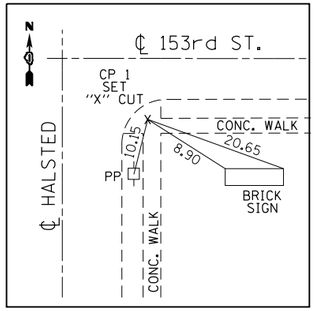
BENCHMARKS

BM #1 SET "X" ON TOP OF NE FLANGE BOLT OF FIRE HYD. AT ±25' NORTH OF ℄ OF 153rd ST. & ±60' WEST OF ℄ VINCENNES RD. - ELEV. 598.89

BM #2 SET "X" CUT ON TOP OF NW FLANGE BOLT OF FIRE HYD. AT ±100' NORTH OF ℄ OF BELLE CT. & AT ±30' WEST OF ℄ OF VINCENNES RD. - ELEV. 600.73

BM #3 SET "X" CUT ON TOP OF NE FLANGE BOLT OF FIRE HYD. AT ±30' NORTH OF ℄ OF BELLE CT. & AT ±25' EAST OF ℄ OF HALSTED ST. - ELEV. 599.90

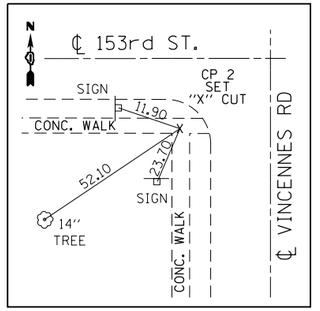
BM #4 SET SQUARE CUT ON TOP OF SE CORNER OF CONC. PAD FOR A TRAFFIC CONTROL BOX AT±30' EAST OF ℄ OF HALSTED ST. & AT ±100' SOUTH OF ℄ VINCENNES RD. - ELEV. 600.53



CP #1

TOP OF CROSS CUT

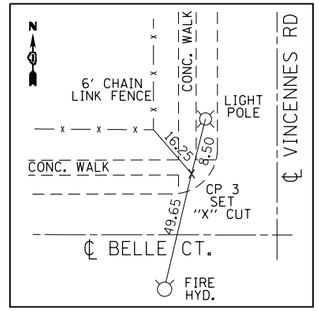
N 1801538.83
E 1174850.87



CP #2

TOP OF CROSS CUT

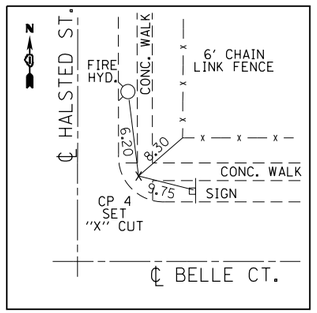
N 1801543.00
E 1175316.31



CP #3

TOP OF CROSS CUT

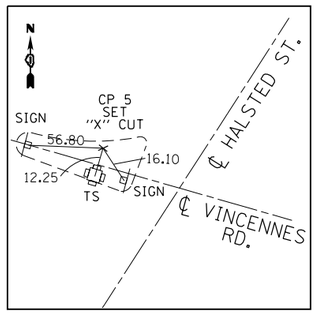
N 1801877.38
E 1174848.22



CP #4

TOP OF CROSS CUT

N 1802342.38
E 1174803.02



CP #5

TOP OF CROSS CUT

N 1802534.51
E 1174785.29

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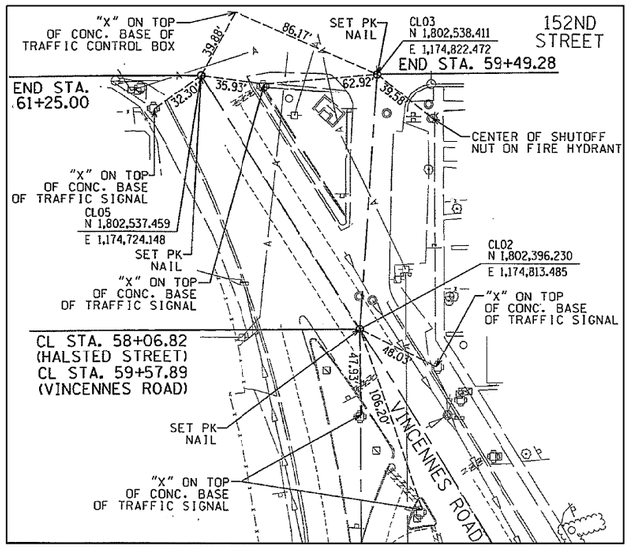
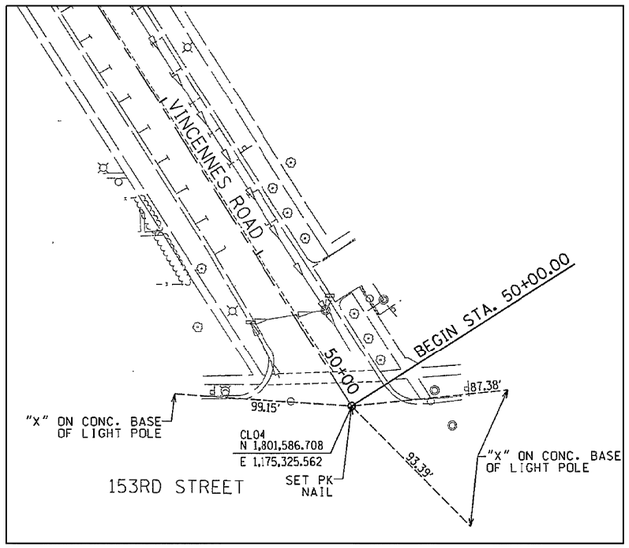
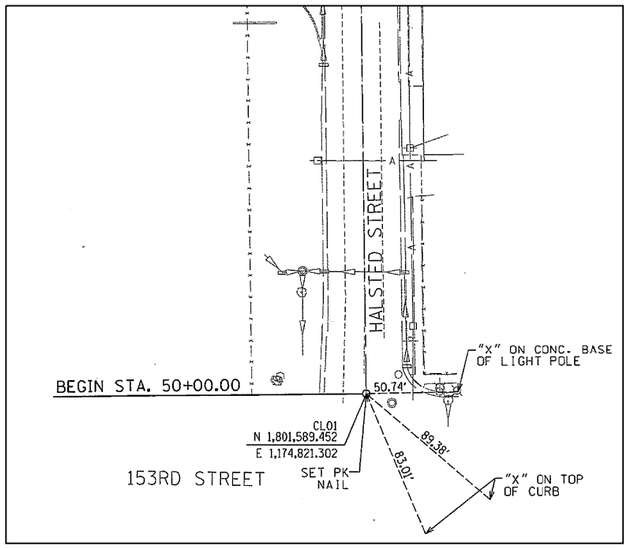
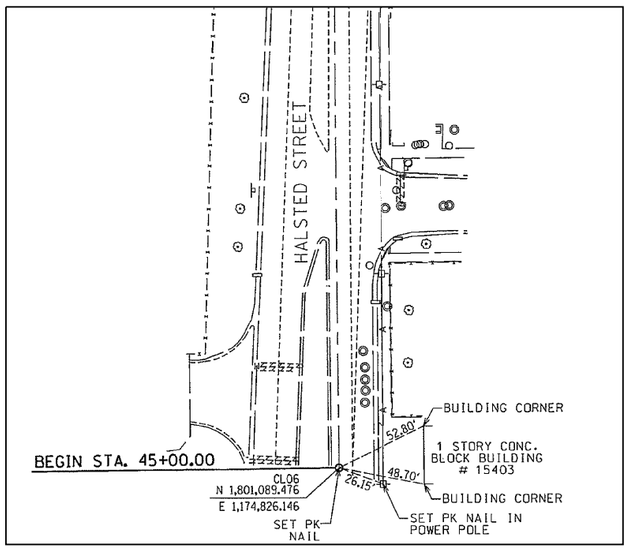
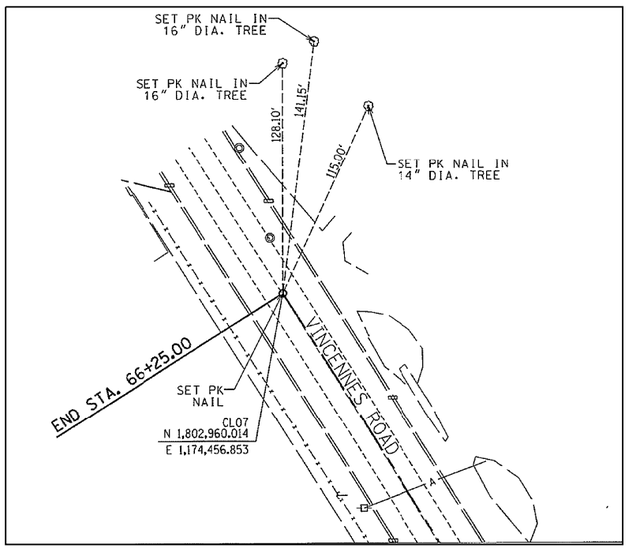
	PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -			3730	3262N-1	COOK	121	27
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -		SCALE: 1"=100' SHEET 1 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 60T20		
								ILLINOIS FED. AID PROJECT		











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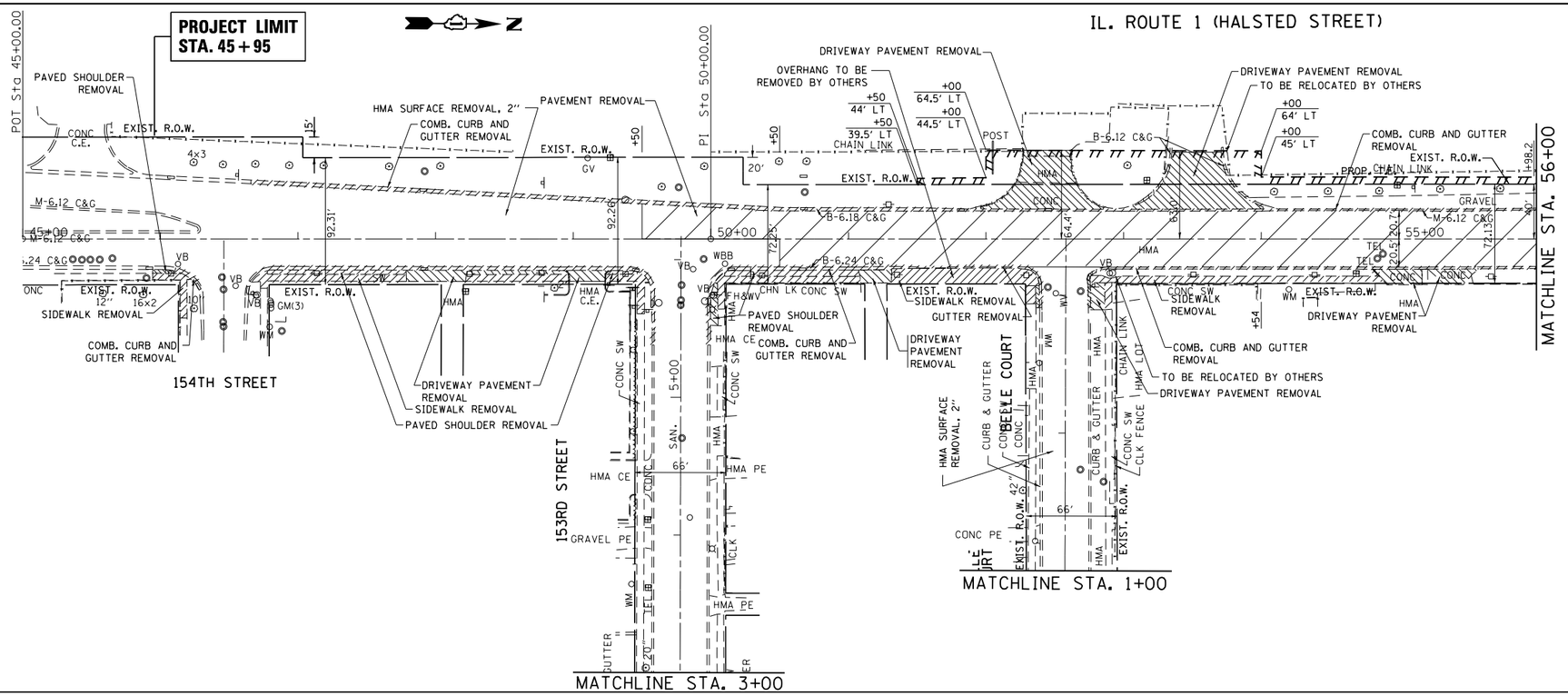
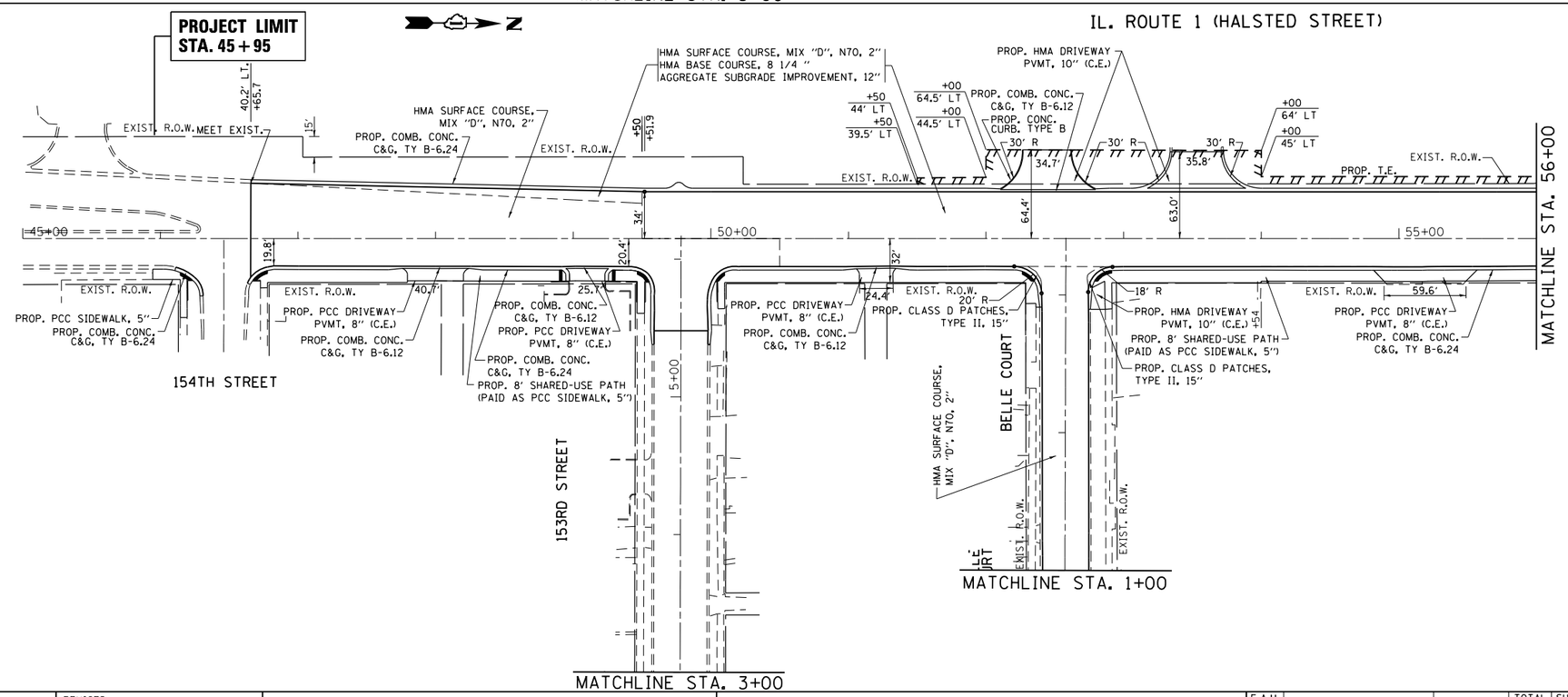
		DRAWN -	REVISED -			3730	3262N-1	COOK	121	28
		CHECKED -	REVISED -					CONTRACT NO. 60T20		
		DATE -	REVISED -		SCALE: 1"=100' SHEET 2 OF 2 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

EXISTING



PROPOSED



NOTES:

1. 10' TRANSITIONS SHALL BE PROVIDED BETWEEN PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 AND PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12. THE TRANSITIONS SHALL BE PAID FOR BY SPLITTING THE QUANTITY EQUALLY BETWEEN THE TWO PROPOSED CURB AND GUTTER ITEMS.
2. PROPOSED SHARED-USE PATH SHALL BE PAID AS PCC SIDEWALK 5" IN NON-DRIVEWAY SECTIONS AND AS PCC SIDEWALK 8" IN DRIVEWAY SECTIONS (SEE DISTRICT DETAIL BD-01).
3. SEE LANDSCAPING PLAN FOR TREES TO BE SALVAGED.

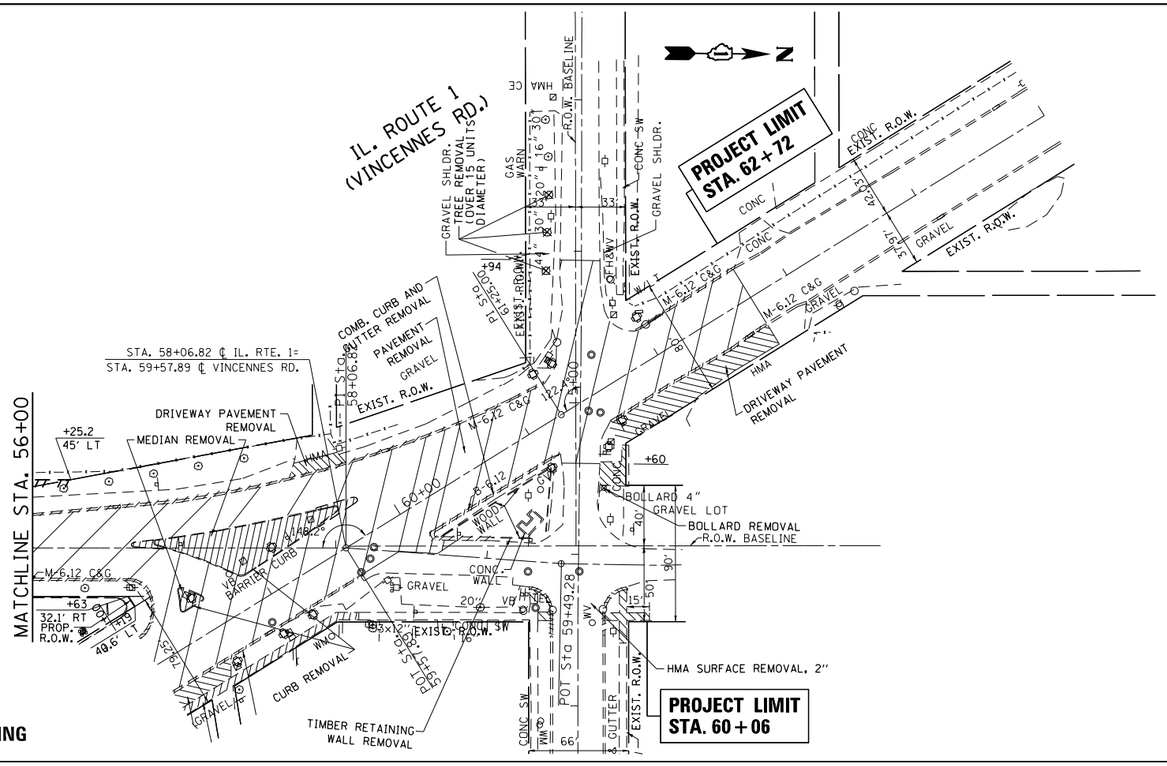
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\P122811\DRAWINGS\CADsheets\P122811-sht-plnprf.dgn	USER NAME = tariqfm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

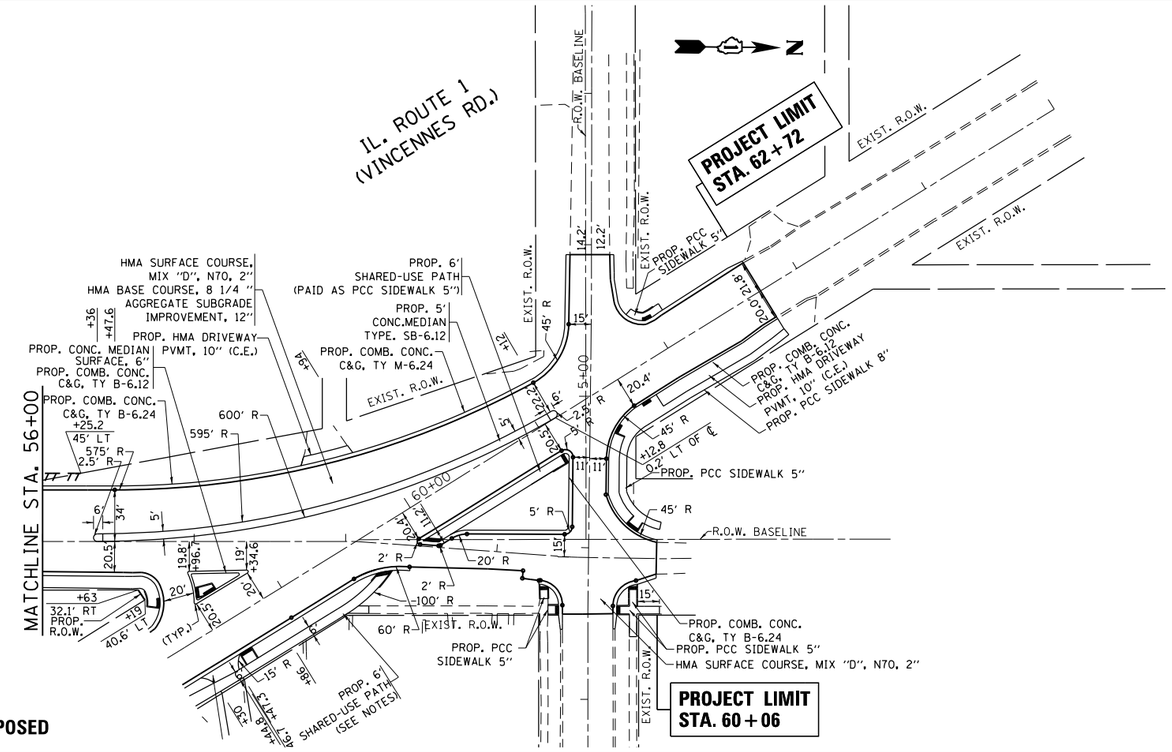
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED ROADWAY PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"= 50' | SHEET OF SHEETS | STA. 45+00.00 | TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	29
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			





NOTES:

1. 10' TRANSITIONS SHALL BE PROVIDED BETWEEN PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 AND PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12. THE TRANSITIONS SHALL BE PAID FOR BY SPLITTING THE QUANTITY EQUALLY BETWEEN THE TWO PROPOSED CURB AND GUTTER ITEMS.

2. PROPOSED SHARED-USE PATH SHALL BE PAID AS PCC SIDEWALK 5" IN NON-DRIVEWAY SECTIONS AND AS PCC SIDEWALK 8" IN DRIVEWAY SECTIONS (SEE DISTRICT DETAIL BD-01).

3. SEE LANDSCAPING PLAN FOR TREES TO BE SALVAGED.

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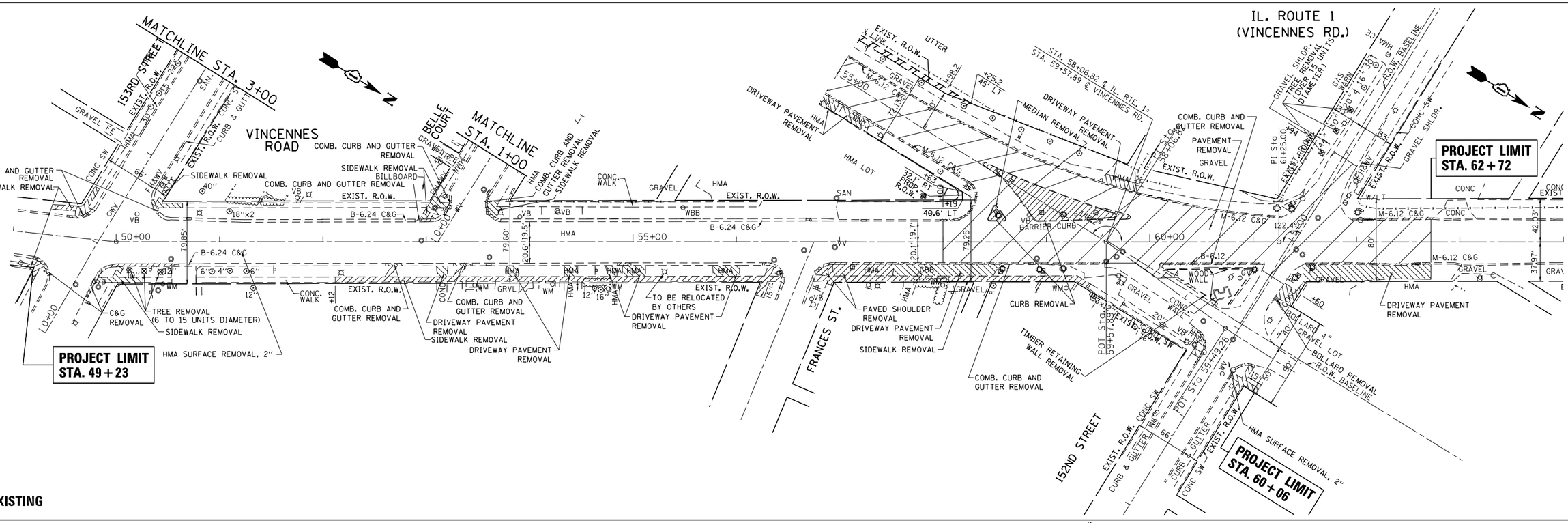
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

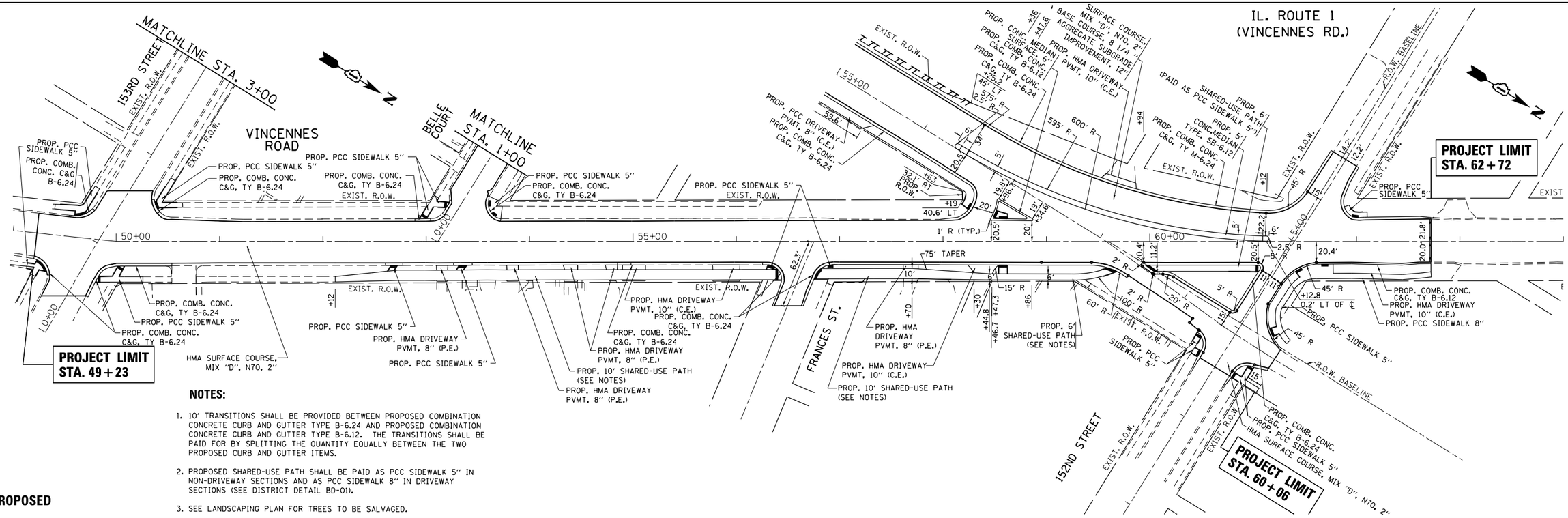
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED ROADWAY PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"= 50' | SHEET OF SHEETS | STA. 56+00.00 TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	30
		CONTRACT NO. 60T20		
	ILLINOIS	FED. AID PROJECT		





NOTES:

1. 10' TRANSITIONS SHALL BE PROVIDED BETWEEN PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 AND PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12. THE TRANSITIONS SHALL BE PAID FOR BY SPLITTING THE QUANTITY EQUALLY BETWEEN THE TWO PROPOSED CURB AND GUTTER ITEMS.
2. PROPOSED SHARED-USE PATH SHALL BE PAID AS PCC SIDEWALK 5" IN NON-DRIVEWAY SECTIONS AND AS PCC SIDEWALK 8" IN DRIVEWAY SECTIONS (SEE DISTRICT DETAIL BD-01).
3. SEE LANDSCAPING PLAN FOR TREES TO BE SALVAGED.

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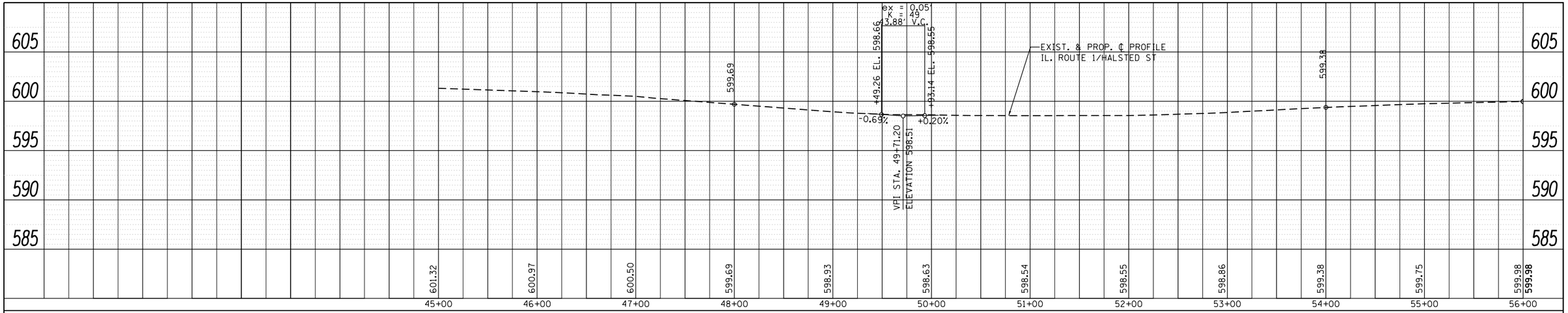
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

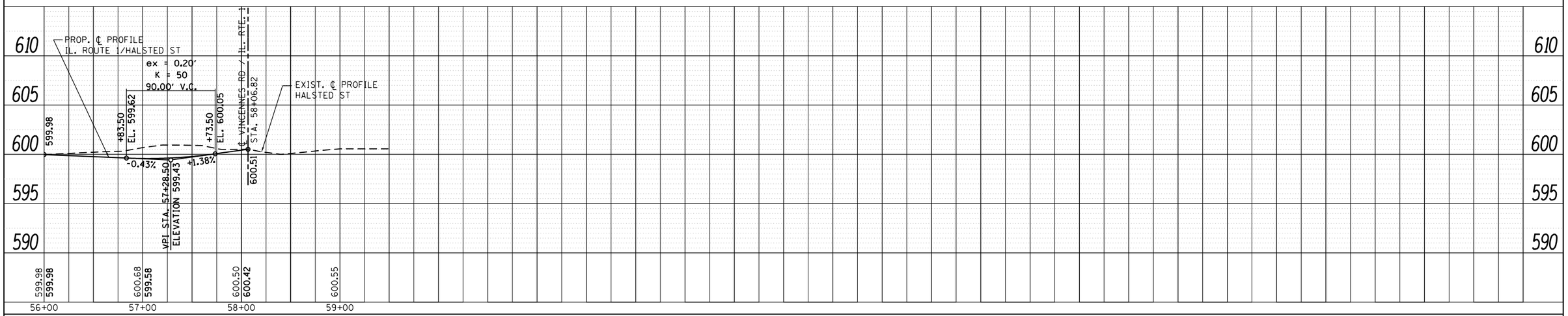
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

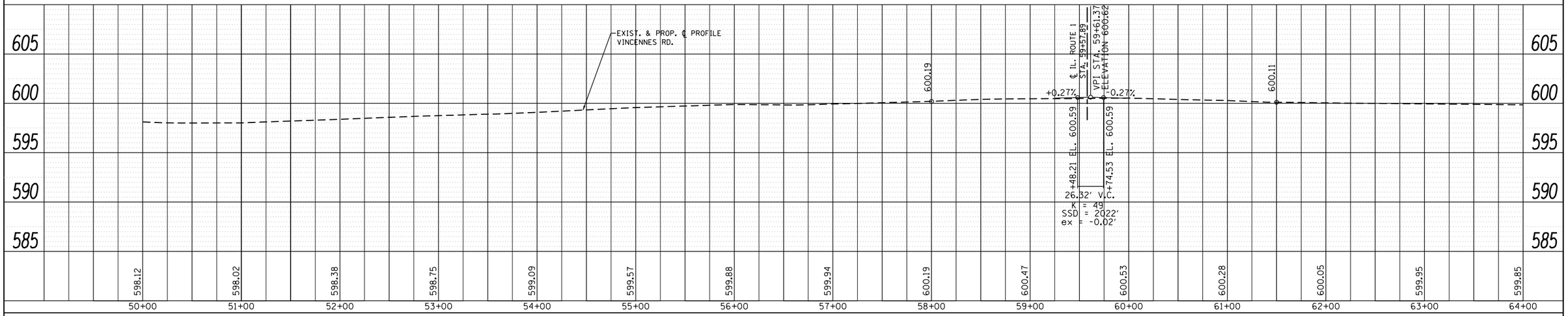
EXISTING & PROPOSED ROADWAY PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"= 50' | SHEET OF SHEETS | STA. 49+00.00 TO STA. 64+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	31
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			







PROFILE
SURVEYED
PLOTTED
CROSS SECTIONED
NOTE BOOK
NO. ____
DATE
BY
CHKD
CHECKED
NOTATNS
STRUCTURE

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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
		DATE -	REVISED -

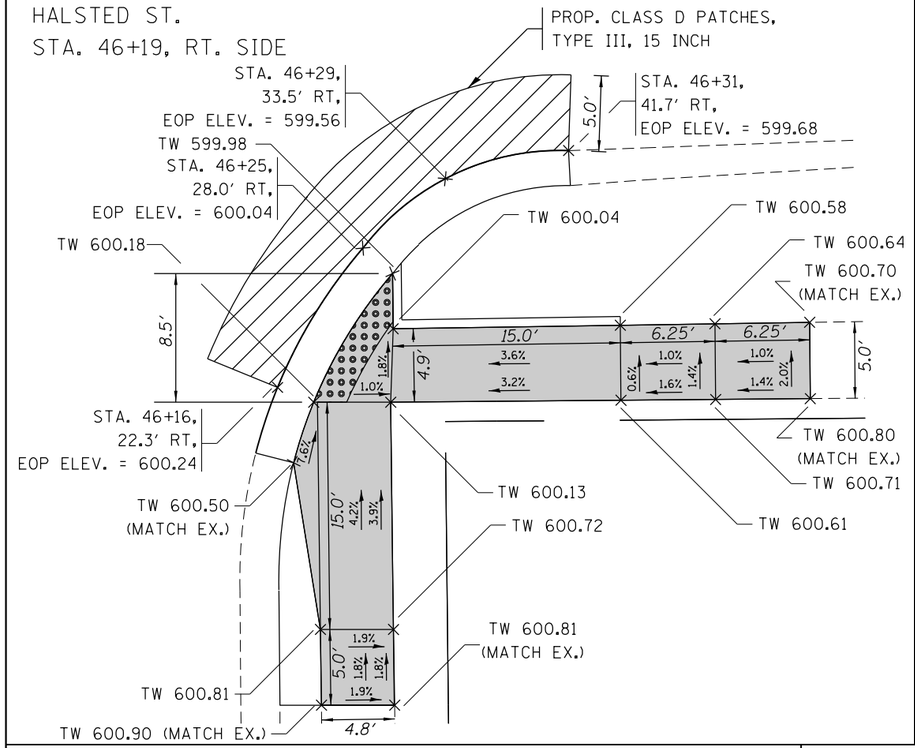
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED ROADWAY PROFILE
IL. ROUTE 1 AT VINCENNES ROAD

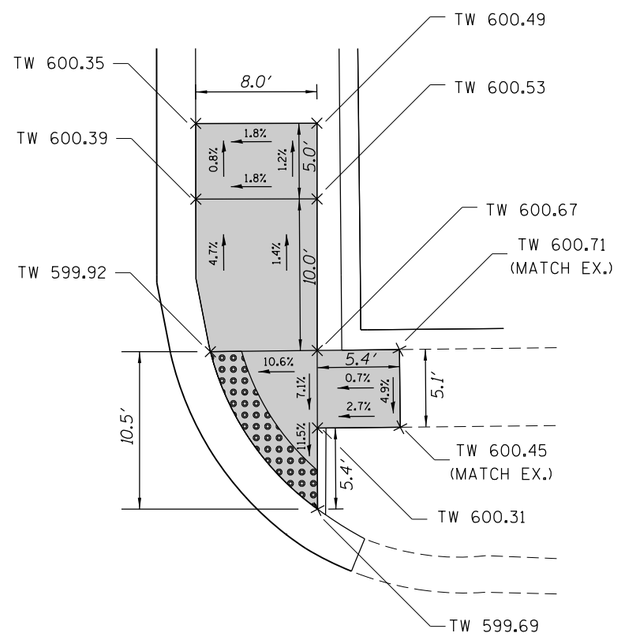
SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	32
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

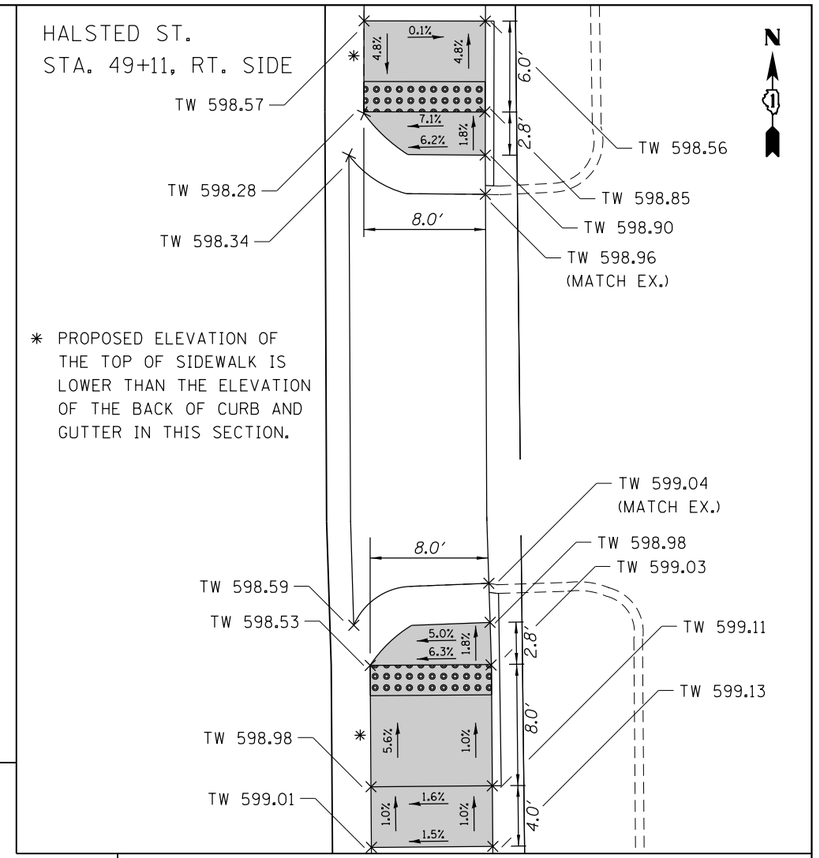
HALSTED ST.
STA. 46+19, RT. SIDE



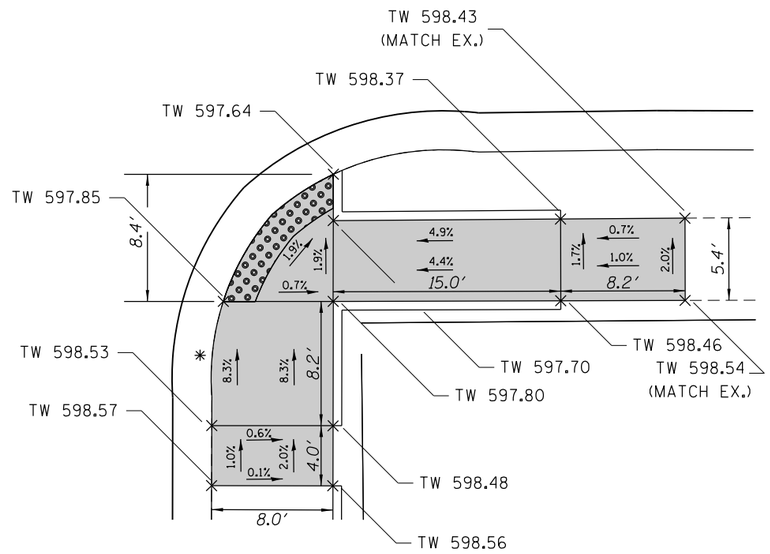
HALSTED ST.
STA. 46+73, RT. SIDE



HALSTED ST.
STA. 49+11, RT. SIDE

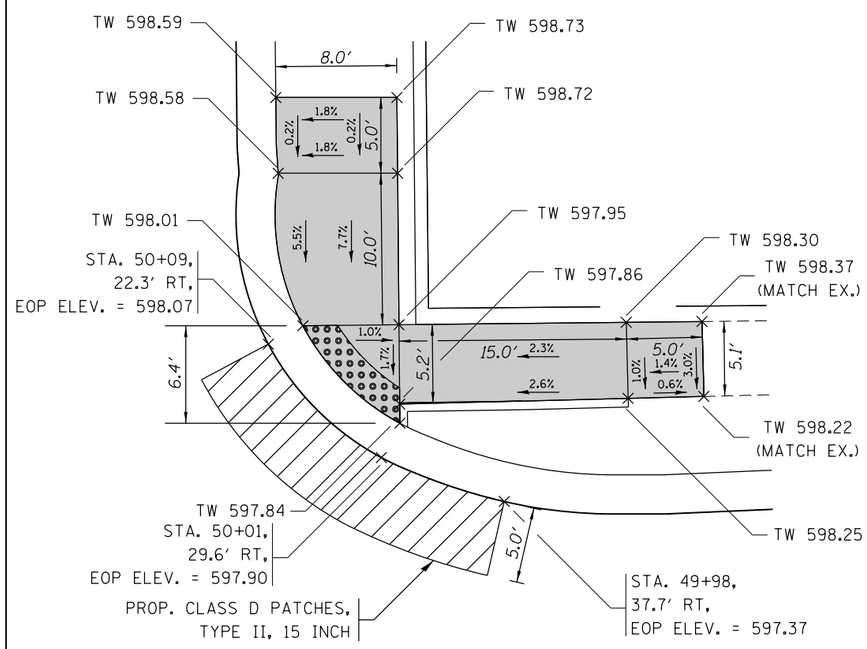


HALSTED ST.
STA. 49+50, RT. SIDE



* PROPOSED ELEVATION OF THE TOP OF SIDEWALK IS LOWER THAN THE ELEVATION OF THE BACK OF CURB AND GUTTER IN THIS SECTION.

HALSTED ST.
STA. 50+08, RT. SIDE



LEGEND:

	PROPOSED DETECTABLE WARNINGS
TW	PROPOSED ELEVATION OF TOP OF SIDEWALK

NOTE:

REFERENCE BM ELEVATION 600.73, "X" CUT ON THE TOP OF THE NORTHWEST FLANGE BOLT ON THE FIRE HYDRANT AT ±100' NORTH OF THE ℄ OF BELLE CT. AND AT ±30' WEST OF THE ℄ OF VINCENNES RD.

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		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

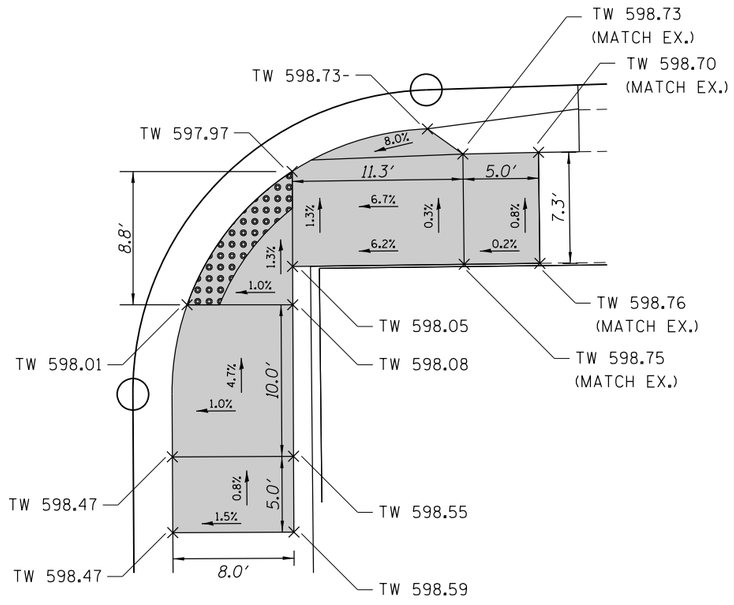
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

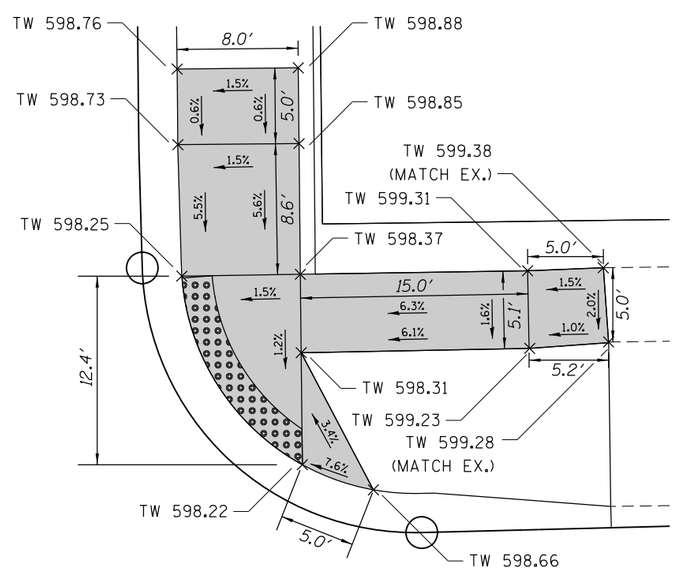
SCALE: 1:5 | SHEET OF SHEETS | STA.. | TO STA..

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	33
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

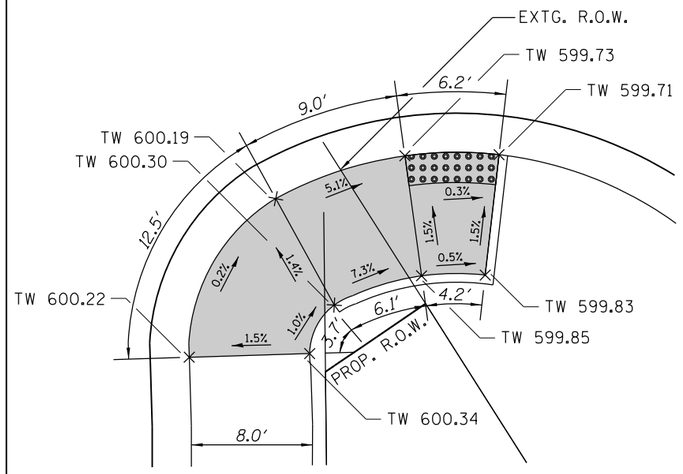
HALSTED ST.
STA. 52+32, RT. SIDE



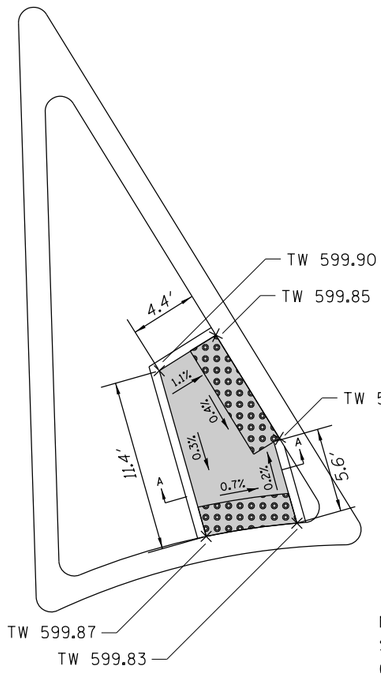
HALSTED ST.
STA. 52+85, RT. SIDE

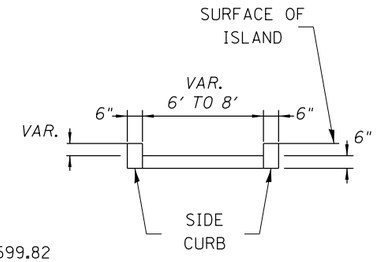


HALSTED ST.
STA. 56+74, RT. SIDE



HALSTED ST.
STA. 57+06, RT. SIDE

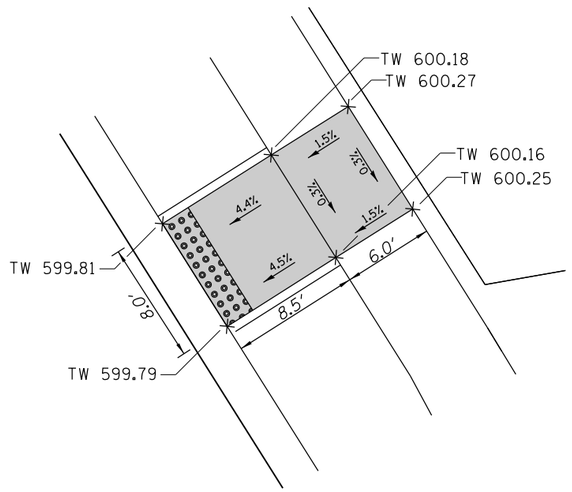




SECTION A–A

NOTE:
SIDE CURB SHALL BE INCLUDED IN THE COST OF CONCRETE MEDIAN SURFACE, 6″.

VINCENNES RD.
STA. 58+58, RT. SIDE



LEGEND:

PROPOSED DETECTABLE WARNINGS

TW — PROPOSED ELEVATION OF TOP OF SIDEWALK

NOTE:

REFERENCE BM ELEVATION 600.73, ″X″ CUT ON THE TOP OF THE NORTHWEST FLANGE BOLT ON THE FIRE HYDRANT AT ±100′ NORTH OF THE ℄ OF BELLE CT. AND AT ±30′ WEST OF THE ℄ OF VINCENNES RD.

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	PLOT SCALE = 10.0000 ′ / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

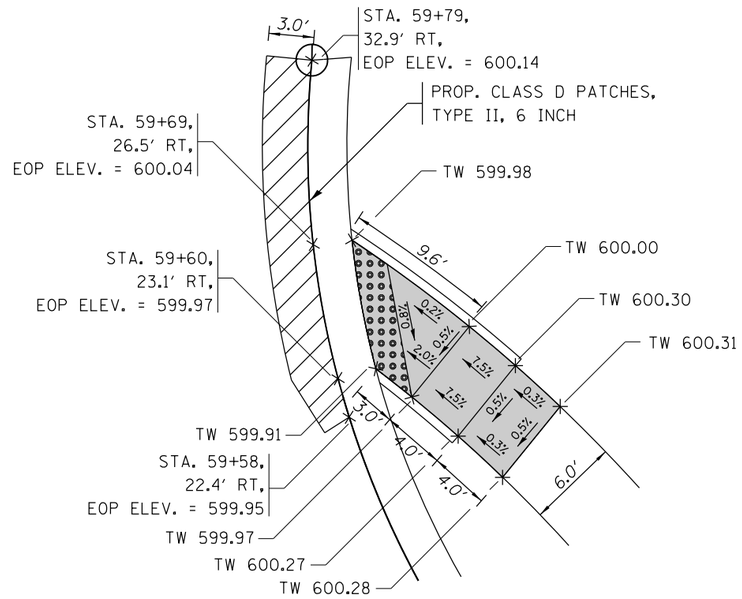
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

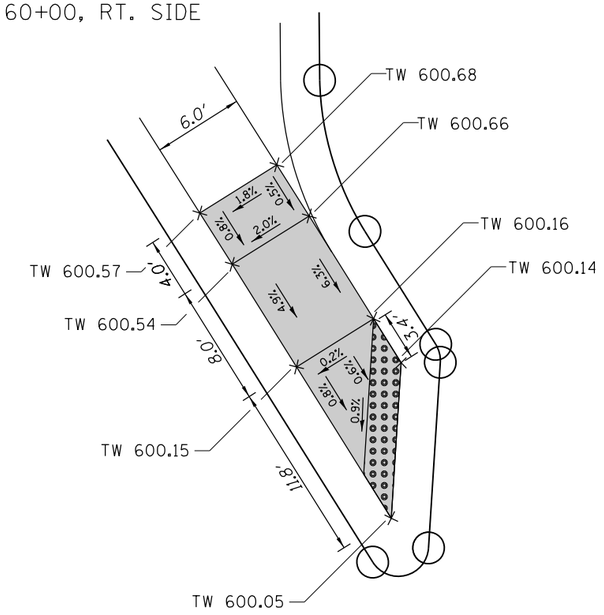
SCALE: 1:5 | SHEET OF SHEETS | STA.. | TO STA..

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	34
		CONTRACT NO. 60T20		
	ILLINOIS	FED. AID PROJECT		

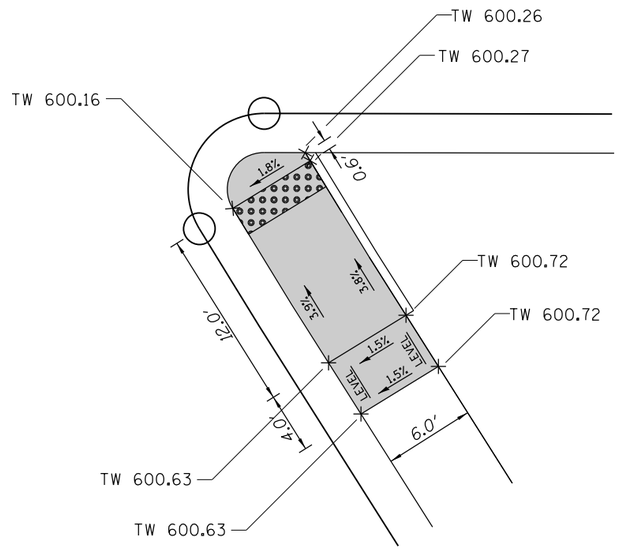
VINCENNES RD.
STA. 59+63, RT. SIDE



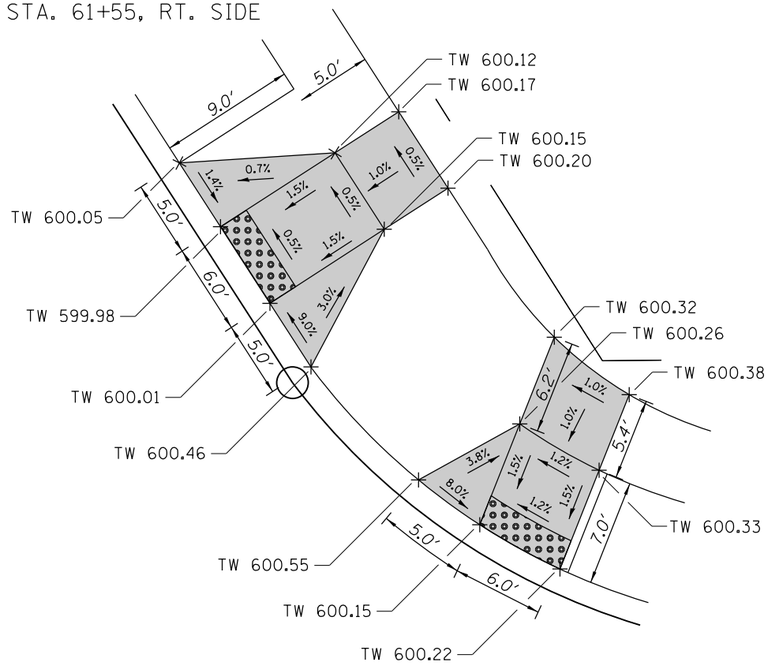
VINCENNES RD.
STA. 60+00, RT. SIDE



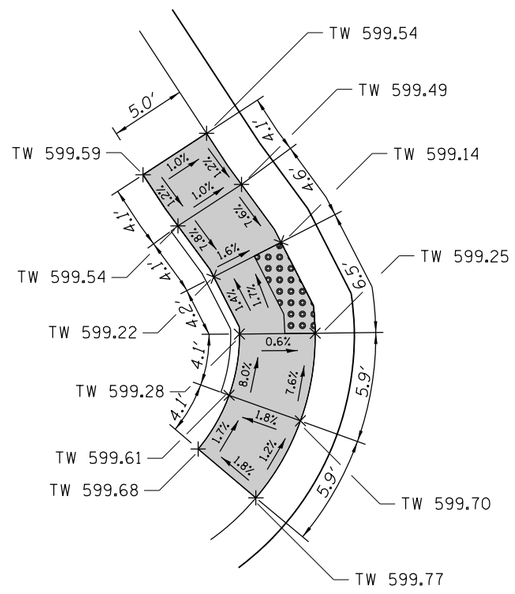
VINCENNES RD.
STA. 61+07, RT. SIDE



VINCENNES RD.
STA. 61+55, RT. SIDE



VINCENNES RD.
STA. 61+90, LT. SIDE



LEGEND:

PROPOSED DETECTABLE WARNINGS

TW — PROPOSED ELEVATION OF TOP OF SIDEWALK

NOTE:

REFERENCE BM ELEVATION 600.73, "X" CUT ON THE TOP OF THE NORTHWEST FLANGE BOLT ON THE FIRE HYDRANT AT ±100' NORTH OF THE ℄ OF BELLE CT. AND AT ±30' WEST OF THE ℄ OF VINCENNES RD.

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	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

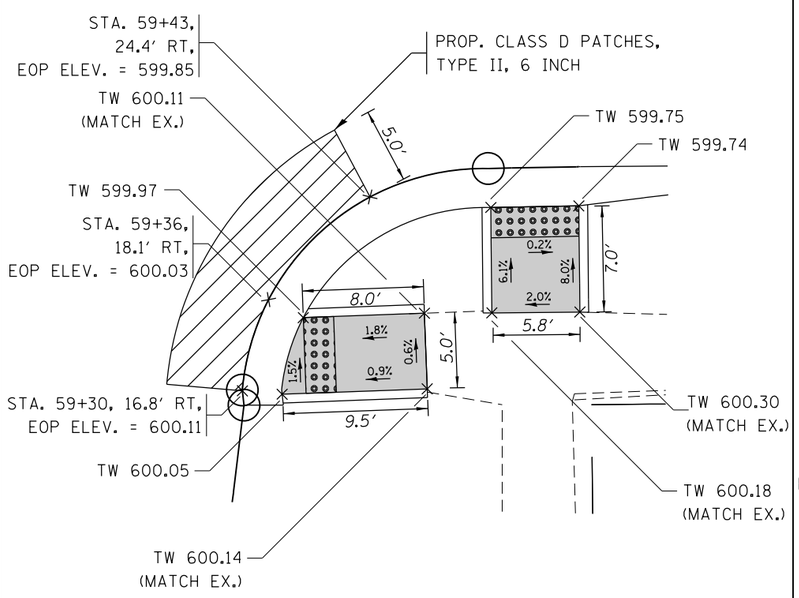
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1:5 | SHEET OF SHEETS | STA.. | TO STA..

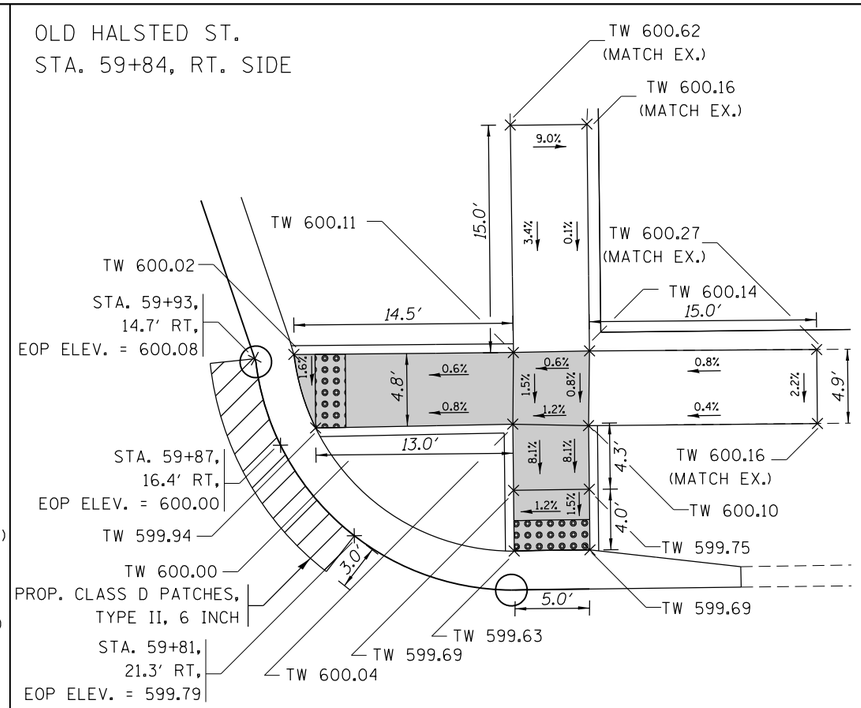
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	35
		CONTRACT NO. 60T20		
	ILLINOIS	FED. AID PROJECT		

OLD HALSTED ST.
STA. 59+40, RT. SIDE



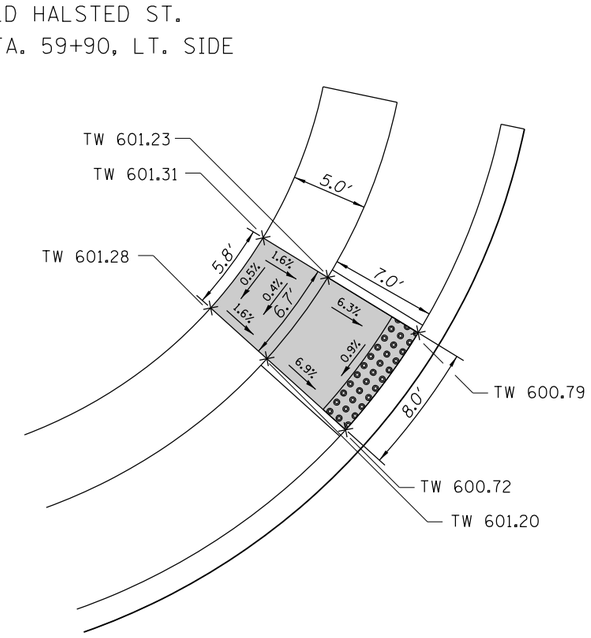
NOTE: EXISTING ELEVATIONS THAT ARE TO BE MATCHED TO SHALL BE VERIFIED IN THE FIELD.

OLD HALSTED ST.
STA. 59+84, RT. SIDE

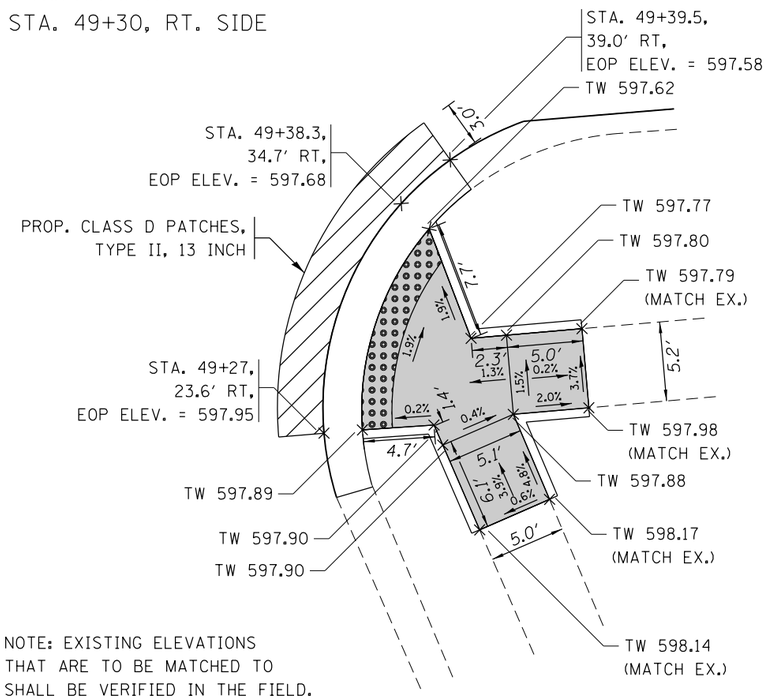


NOTE: EXISTING ELEVATIONS THAT ARE TO BE MATCHED TO SHALL BE VERIFIED IN THE FIELD.

OLD HALSTED ST.
STA. 59+90, LT. SIDE

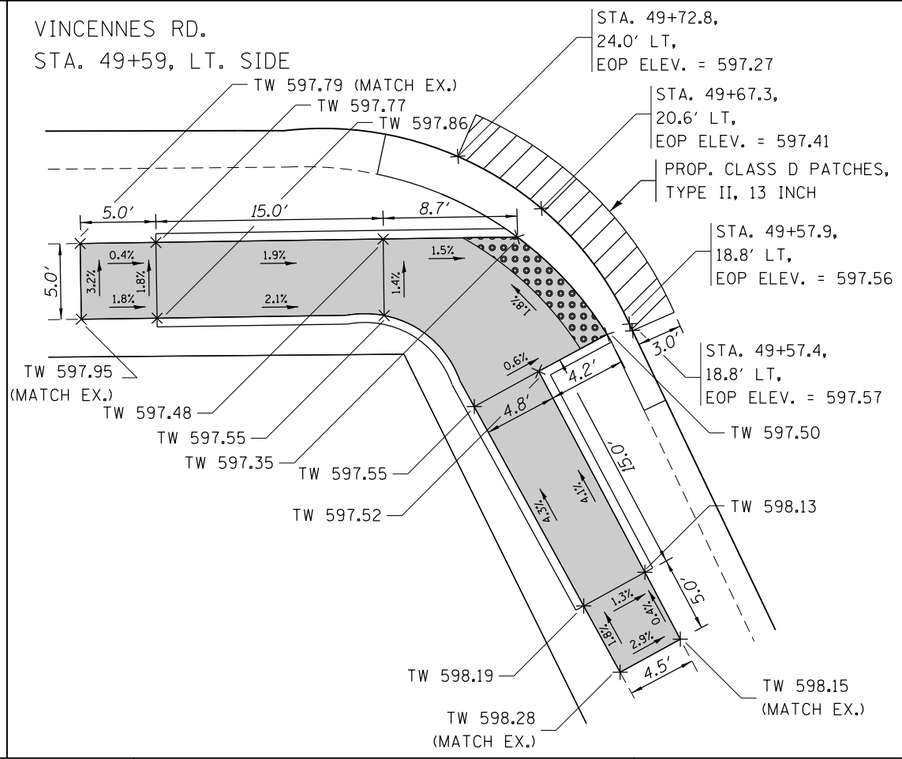


VINCENNES RD.
STA. 49+30, RT. SIDE



NOTE: EXISTING ELEVATIONS THAT ARE TO BE MATCHED TO SHALL BE VERIFIED IN THE FIELD.

VINCENNES RD.
STA. 49+59, LT. SIDE



LEGEND:

PROPOSED DETECTABLE WARNINGS

TW — PROPOSED ELEVATION OF TOP OF SIDEWALK

NOTE:

REFERENCE BM ELEVATION 600.73, "X" CUT ON THE TOP OF THE NORTHWEST FLANGE BOLT ON THE FIRE HYDRANT AT ±100′ NORTH OF THE ℄ OF BELLE CT. AND AT ±30′ WEST OF THE ℄ OF VINCENNES RD.

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	PLOT SCALE = 10.0000 ′ / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

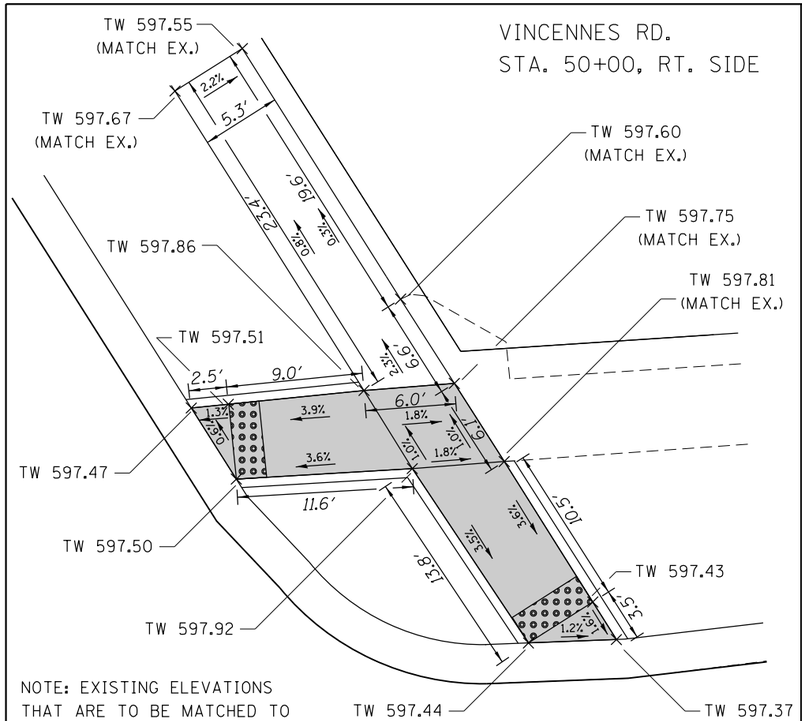
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1:5 | SHEET OF SHEETS | STA.. | TO STA..

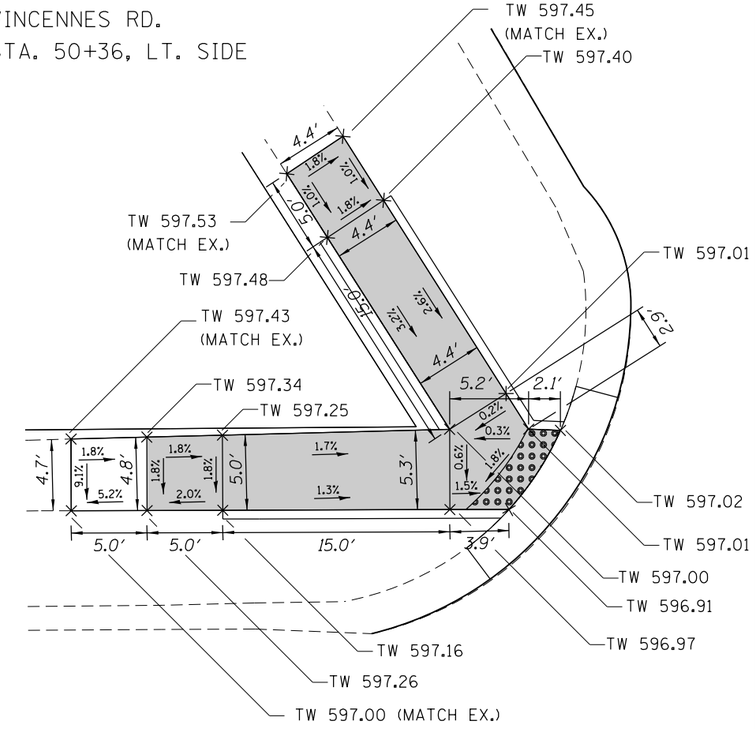
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	36
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

VINCENNES RD.
STA. 50+00, RT. SIDE

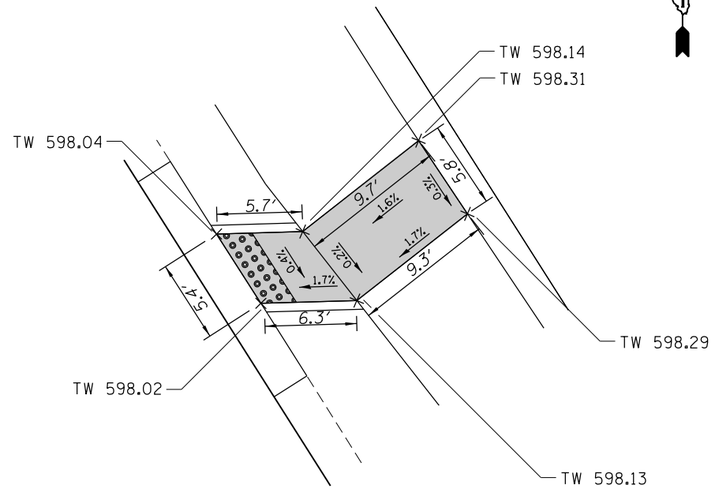


NOTE: EXISTING ELEVATIONS
THAT ARE TO BE MATCHED TO
SHALL BE VERIFIED IN THE FIELD.

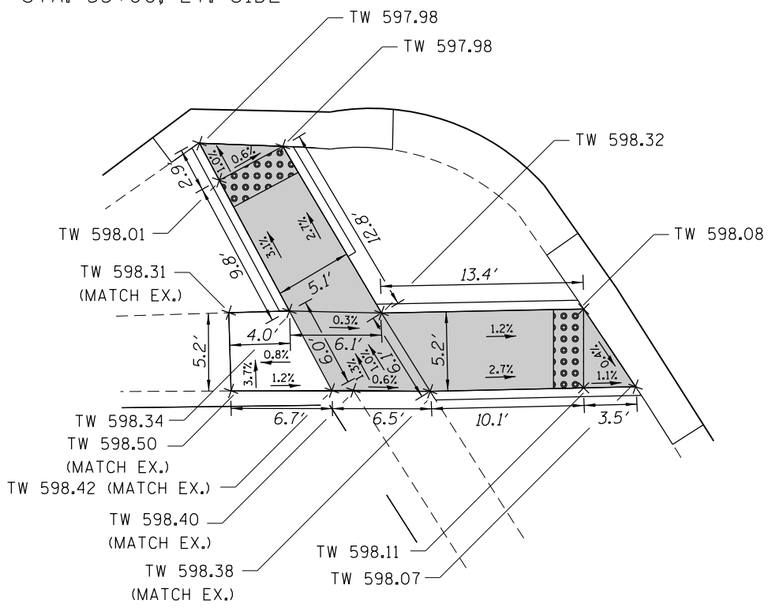
VINCENNES RD.
STA. 50+36, LT. SIDE



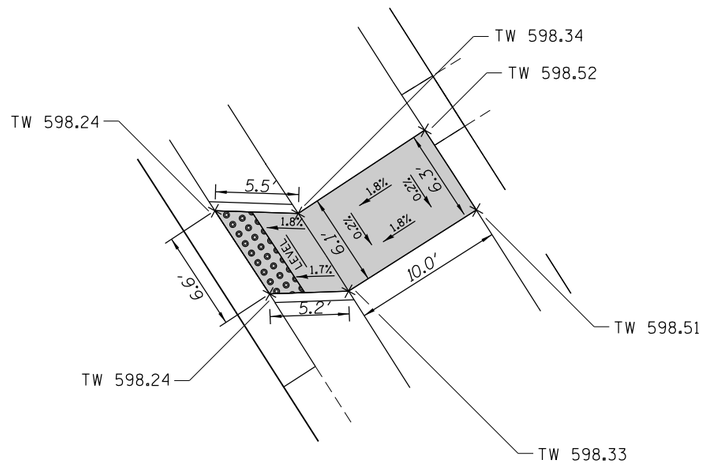
VINCENNES RD.
STA. 52+67, RT. SIDE



VINCENNES RD.
STA. 53+00, LT. SIDE



VINCENNES RD.
STA. 53+35, RT. SIDE



LEGEND:

PROPOSED DETECTABLE WARNINGS

TW — PROPOSED ELEVATION OF TOP OF SIDEWALK

NOTE:

REFERENCE BM ELEVATION 600.73, "X" CUT ON THE TOP OF THE NORTHWEST FLANGE BOLT ON THE FIRE HYDRANT AT ±100' NORTH OF THE ℄ OF BELLE CT. AND AT ±30' WEST OF THE ℄ OF VINCENNES RD.

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Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

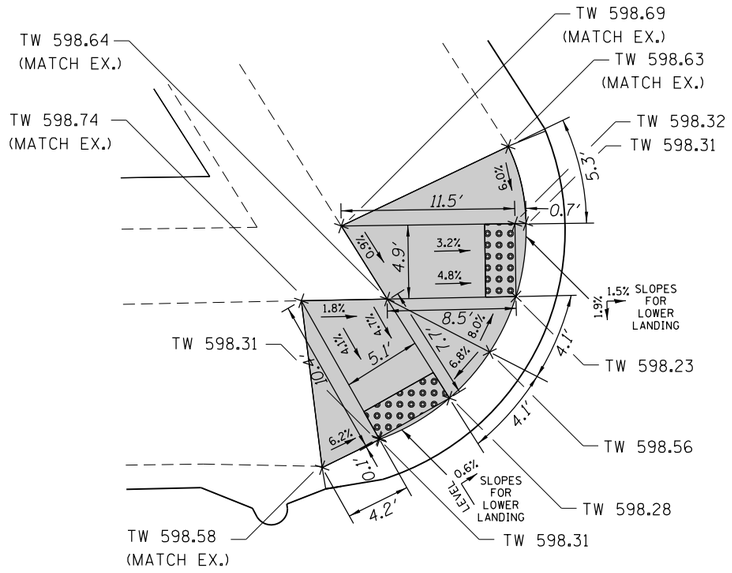
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

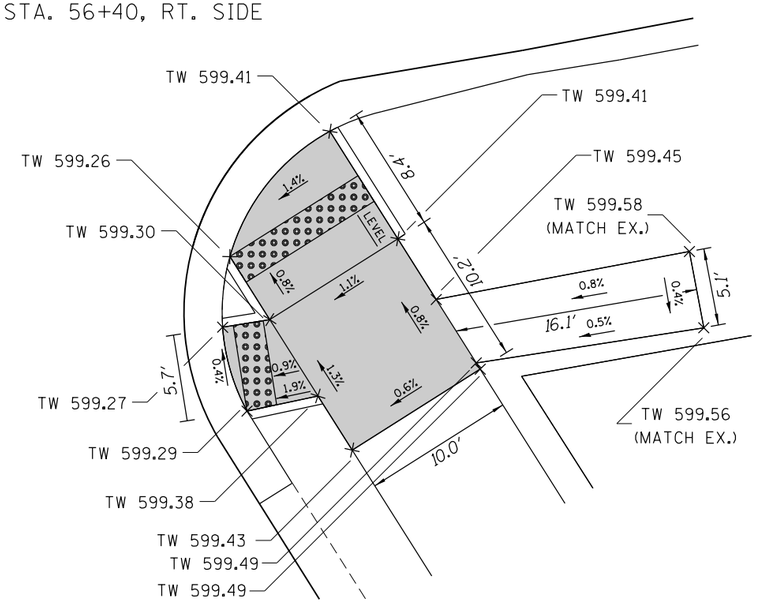
SCALE: 1:5 | SHEET OF SHEETS | STA.. | TO STA..

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	37
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

VINCENNES RD.
STA. 53+63, LT. SIDE

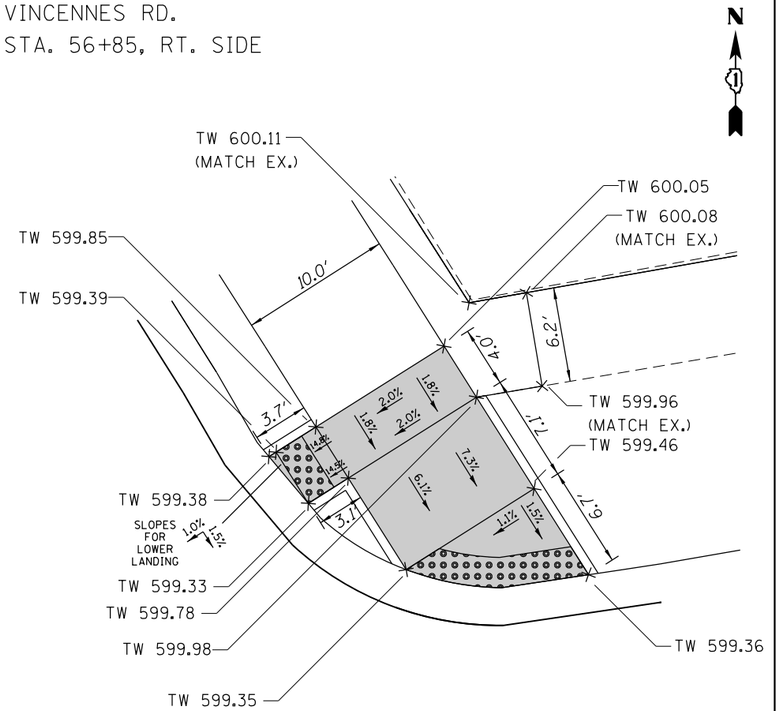


VINCENNES RD.
STA. 56+40, RT. SIDE



NOTE: EXISTING ELEVATIONS THAT ARE TO BE MATCHED TO SHALL BE VERIFIED IN THE FIELD.

VINCENNES RD.
STA. 56+85, RT. SIDE



LEGEND:

PROPOSED DETECTABLE WARNINGS

TW — PROPOSED ELEVATION OF TOP OF SIDEWALK

NOTE:

REFERENCE BM ELEVATION 600.73, "X" CUT ON THE TOP OF THE NORTHWEST FLANGE BOLT ON THE FIRE HYDRANT AT ±100' NORTH OF THE ℄ OF BELLE CT. AND AT ±30' WEST OF THE ℄ OF VINCENNES RD.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1:5 | SHEET OF SHEETS | STA.. | TO STA..

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	38
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

MAINTENANCE OF TRAFFIC NOTES

- THE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. ANY CHANGES TO THE PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS.
- ACCESS TO PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL ERECT DRIVEWAY ENTRANCE SIGNS TO PROVIDE GUIDANCE TO THE PUBLIC. THIS WORK SHALL BE PAID FOR AS "TEMPORARY INFORMATION SIGNING". WHEN A DRIVEWAY MUST BE CLOSED TEMPORARILY FOR CONSTRUCTION OF THE DRIVEWAY APRON, PROPERTIES WITH MULTIPLE ENTRANCES SHALL HAVE ONLY ONE ENTRANCE CLOSED AT A TIME.
- THE CONTRACTOR SHALL ENSURE THAT SIDEWALK IS ALWAYS OPENS ON AT LEAST ONE SIDE OF THE ROAD DURING EACH STAGE.
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE WET REFLECTIVE TEMPORARY TAPE SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING".
- ALL EXISTING SIGNS WITHIN THE LIMITS OF THE MAINTENANCE OF TRAFFIC WHICH ARE OBSCURED BY OR OTHERWISE INTERFERED WITH BY THE CONSTRUCTION OPERATIONS AND MAINTENANCE OF TRAFFIC, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

CONSTRUCTION SEQUENCE

PRE-STAGE:

APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES SHALL BE UTILIZED TO PERFORM THE FOLLOWING WORK:

- CONSTRUCTION OF TEMPORARY PAVEMENT ALONG THE WEST SIDE OF IL ROUTE 1 AND RELATED INLET ADJUSTMENTS (SEE PRE-STAGE PLAN FOR LOCATIONS)
- CONSTRUCTION OF SECTIONS OF PROPOSED STORM SEWER, DRAINAGE STRUCTURES AND ASSOCIATED PAVEMENT PATCHING (SEE PRE-STAGE PLAN FOR LOCATIONS)
- INSTALLATION OF TEMPORARY TRAFFIC SIGNALS
- RELOCATION OF UTILITIES

STAGE I:

TRAVEL LANES SHALL BE REDUCED TO ONE LANE IN EACH DIRECTION AND TRAFFIC SHIFTED TO THE WEST SIDE OF IL ROUTE 1. NORTHBOUND AND SOUTHBOUND TRAFFIC ALONG VINCENNES ROAD AT THE INTERSECTION WITH HALSTED STREET SHALL BE PROHIBITED DURING STAGE I. VINCENNES ROAD TRAFFIC SHALL BE DETOURED VIA US ROUTE 6. SEE DETOUR PLANS FOR DETAILS.

10 FOOT WIDE TRAVEL LANES SHALL BE MAINTAINED AT ALL TIMES. EXISTING PAVEMENT MARKINGS CONFLICTING WITH THE WET REFLECTIVE TEMPORARY TAPE FOR STAGE I SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING". PROPOSED WET REFLECTIVE TEMPORARY TAPE SHALL BE PLACED ACCORDING TO THE SUGGESTED STAGE I MAINTENANCE OF TRAFFIC PLAN OR AS DIRECTED BY THE ENGINEER.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA. THIS INCLUDES, BUT IS NOT LIMITED TO:

- REMOVAL OF PAVEMENT, CURB AND GUTTER, SIDEWALK, DRIVEWAYS, MEDIAN, STORM SEWERS, AND DRAINAGE STRUCTURES ALONG THE EAST SIDE OF IL ROUTE 1
- REMOVAL OF CURB AND GUTTER, SIDEWALK, AND DRIVEWAYS ALONG VINCENNES ROAD, BELLE COURT AND 152ND STREET
- CONSTRUCTION OF PAVEMENT, CURB AND GUTTER, SHARED-USE PATH, SIDEWALK, MEDIAN, AND DRIVEWAYS ALONG THE EAST SIDE OF IL ROUTE 1 (ALL HMA SHALL BE INSTALLED TO THE BASE COURSE ONLY; THE FINAL SURFACE IS TO BE INSTALLED DURING STAGE IV)
- INSTALLATION OF STORM SEWERS AND DRAINAGE STRUCTURES ALONG THE EAST SIDE OF IL ROUTE 1
- CONSTRUCTION OF CURB AND GUTTER, SIDEWALK, SHARED-USE PATH, AND DRIVEWAYS ALONG VINCENNES ROAD, BELLE COURT AND 152ND STREET
- REMOVAL AND REPLACEMENT OF STORM SEWERS AND DRAINAGE STRUCTURES ALONG BELLE COURT AND VINCENNES ROAD (PAVEMENT PATCHING SHALL BE UTILIZED TO COMPLETE THIS WORK)
  - PROPOSED DRAINAGE WORK ALONG VINCENNES ROAD FROM STA. 49+82 TO STA. 56+50 SHALL BE COMPLETED BEFORE DRAINAGE WORK ON BELLE COURT IS COMMENCED.
  - STREET PARKING SHALL BE PROHIBITED ON THE WEST SIDE OF VINCENNES ROAD ONLY WHILE WORK IS BEING COMPLETED ON VINCENNES ROAD. STREET PARKING SHALL BE PROHIBITED ON THE SOUTH SIDE OF BELLE COURT ONLY WHILE WORK IS BEING COMPLETED ON BELLE COURT.
  - WET REFLECTIVE TEMPORARY TAPE UTILIZED ON VINCENNES ROAD BETWEEN STA. 50+27 AND STA. 56+40 SHALL BE REMOVED (PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL") WHEN THE CONSTRUCTION ZONE IS MOVED TO BELLE COURT. THEREAFTER, PROPOSED WET REFLECTIVE TEMPORARY TAPE SHALL BE PLACED ON VINCENNES ROAD ACCORDING TO THE EXISTING PAVEMENT MARKING CONFIGURATION.

STAGE II:

TRAVEL LANES SHALL REMAIN REDUCED TO ONE LANE IN EACH DIRECTION. SOUTHBOUND TRAFFIC SHALL BE MAINTAINED ON THE WEST SIDE OF IL ROUTE 1 WHEREAS NORTHBOUND TRAFFIC SHALL BE MAINTAINED ON THE EAST SIDE. SOUTHBOUND TRAFFIC ALONG VINCENNES ROAD AT THE INTERSECTION WITH HALSTED STREET SHALL BE PROHIBITED DURING STAGE II, AS IN STAGE I. HOWEVER, NORTHBOUND TRAFFIC ALONG VINCENNES ROAD SHALL BE OPEN TO TRAFFIC. SOUTHBOUND VINCENNES ROAD TRAFFIC SHALL BE DETOURED VIA US ROUTE 6. SEE DETOUR PLANS FOR DETAILS.

10 FOOT WIDE TRAVEL LANES SHALL BE MAINTAINED AT ALL TIMES. WET REFLECTIVE TEMPORARY TAPE FOR STAGE I CONFLICTING WITH THE WET REFLECTIVE TEMPORARY TAPE FOR STAGE II SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL". PROPOSED WET REFLECTIVE TEMPORARY TAPE SHALL BE PLACED ACCORDING TO THE SUGGESTED STAGE II MAINTENANCE OF TRAFFIC PLAN OR AS DIRECTED BY THE ENGINEER.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA. THIS INCLUDES, BUT IS NOT LIMITED TO:

- REMOVAL OF PAVEMENT, STORM SEWERS, AND DRAINAGE STRUCTURES ALONG IL ROUTE 1
- CONSTRUCTION OF PAVEMENT ALONG WITH THE INSALLATION OF STORM SEWERS AND DRAINAGE STRUCTURES ALONG IL ROUTE 1 (ALL HMA SHALL BE INSTALLED TO THE BASE COURSE ONLY; THE FINAL SURFACE IS TO BE INSTALLED DURING STAGE IV)
- CONSTRUCTION OF THE MEDIAN AT THE INTERSECTION OF HALSTED STREET AND VINCENNES ROAD SHALL BE COMPLETED IN THIS STAGE.

STAGE III:

TRAVEL LANES SHALL REMAIN REDUCED TO ONE LANE IN EACH DIRECTION AND TRAFFIC SHIFTED TO THE EAST SIDE OF IL ROUTE 1. SOUTHBOUND TRAFFIC ALONG VINCENNES ROAD AT THE INTERSECTION WITH HALSTED STREET SHALL BE PROHIBITED DURING STAGE III, AS IN STAGE II. HOWEVER, NORTHBOUND TRAFFIC ALONG VINCENNES ROAD SHALL BE OPEN TO TRAFFIC. SOUTHBOUND VINCENNES ROAD TRAFFIC SHALL BE DETOURED VIA US ROUTE 6. SEE DETOUR PLANS FOR DETAILS.

10 FOOT WIDE TRAVEL LANES SHALL BE MAINTAINED AT ALL TIMES. WET REFLECTIVE TEMPORARY TAPE FOR STAGE II CONFLICTING WITH THE WET REFLECTIVE TEMPORARY TAPE FOR STAGE III SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL". PROPOSED WET REFLECTIVE TEMPORARY TAPE SHALL BE PLACED ACCORDING TO THE SUGGESTED STAGE III MAINTENANCE OF TRAFFIC PLAN OR AS DIRECTED BY THE ENGINEER.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA. THIS INCLUDES, BUT IS NOT LIMITED TO:

- REMOVAL OF PAVEMENT, TEMPORARY PAVEMENT, CURB AND GUTTER, DRIVEWAYS, STORM SEWERS, AND DRAINAGE STRUCTURES ALONG THE WEST SIDE OF IL ROUTE 1
- CONSTRUCTION OF PAVEMENT, CURB AND GUTTER, SIDEWALK, AND DRIVEWAYS ALONG THE WEST SIDE OF IL ROUTE 1 (ALL HMA SHALL BE INSTALLED TO THE BASE COURSE ONLY; THE FINAL SURFACE IS TO BE INSTALLED DURING STAGE IV)
- INSTALLATION OF STORM SEWERS AND DRAINAGE STRUCTURES ALONG THE WEST SIDE OF IL ROUTE 1

STAGE IV (NOT SHOWN ON MAINTENANCE OF TRAFFIC PLAN SHEETS):

TRAFFIC SHALL BE SHIFTED TO THE PERMANENT LANES OF TRAVEL. WET REFLECTIVE TEMPORARY TAPE FOR STAGE III SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL". SHORT TERM PAVEMENT MARKINGS SHALL BE USED DURING THIS STAGE AND SHALL BE PLACED ACCORDING TO THE FINAL PAVEMENT MARKING PLAN OR AS DIRECTED BY THE ENGINEER.

ALL REMAINING PROPOSED WORK SHALL BE COMPLETED DURING THIS STAGE. THIS INCLUDES, BUT IS NOT LIMITED TO:

- REMOVAL OF TEMPORARY SIGNALS
- INSTALLATION OF PROPOSED TRAFFIC SIGNALS AT THE INTERSECTIONS OF:
  - IL ROUTE 1 AND VINCENNES ROAD
  - IL ROUTE 1 AND 152ND STREET
- MILLING OF HMA SURFACE COURSE FOR SECTIONS OF HALSTED STREET, VINNCENNES ROAD, AND 152ND STREET THAT ARE NOT AFFECTED BY RECONSTRUCTION OR WIDENING
- MILLING OF HMA SURFACE COURSE ON BELLE COURT AND OLD HALSTED STREET
- PLACEMENT OF HMA SURFACE COURSE WITHIN THE ENTIRE PROJECT LIMITS
- INSTALLATION OF PROPOSED LANDSCAPING THROUGHOUT PROJECT LIMITS
- INSTALLATION OF PROPOSED ROADWAY SIGNS
- INSTALLATION OF PROPOSED THERMOPLASTIC PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS (WHERE APPLICABLE)

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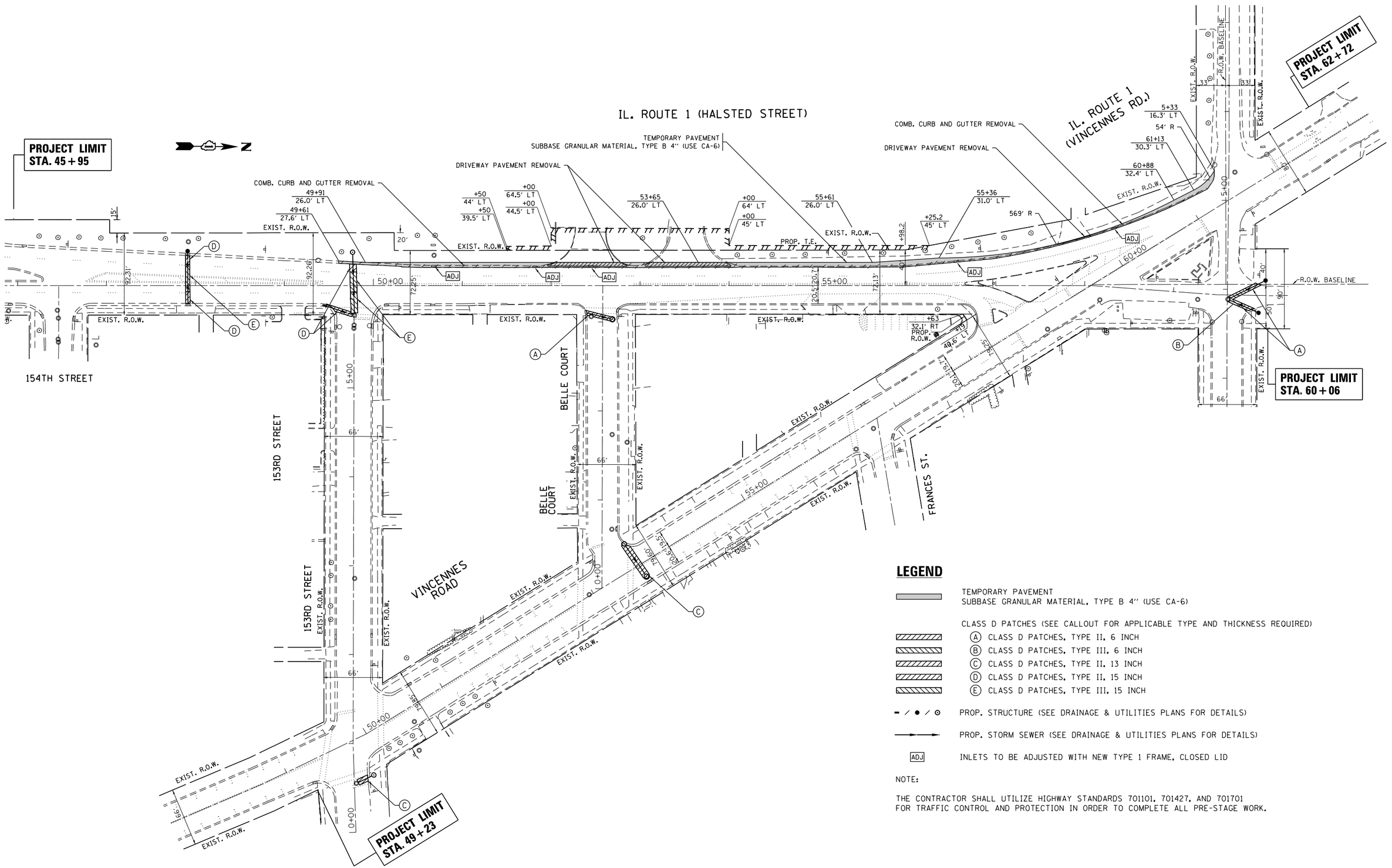
Default	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINT. OF TRAFFIC NOTES AND SUGGESTED CONSTRUCTION SEQUENCE
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	39
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



NOTE:

THE CONTRACTOR SHALL UTILIZE HIGHWAY STANDARDS 701101, 701427, AND 701701 FOR TRAFFIC CONTROL AND PROTECTION IN ORDER TO COMPLETE ALL PRE-STAGE WORK.

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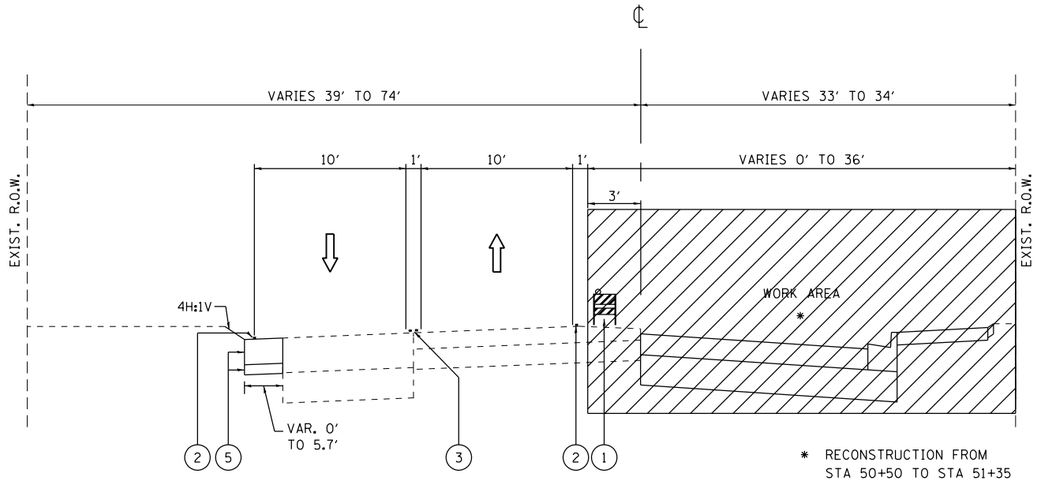
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED PRE-STAGE PLAN
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	40
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

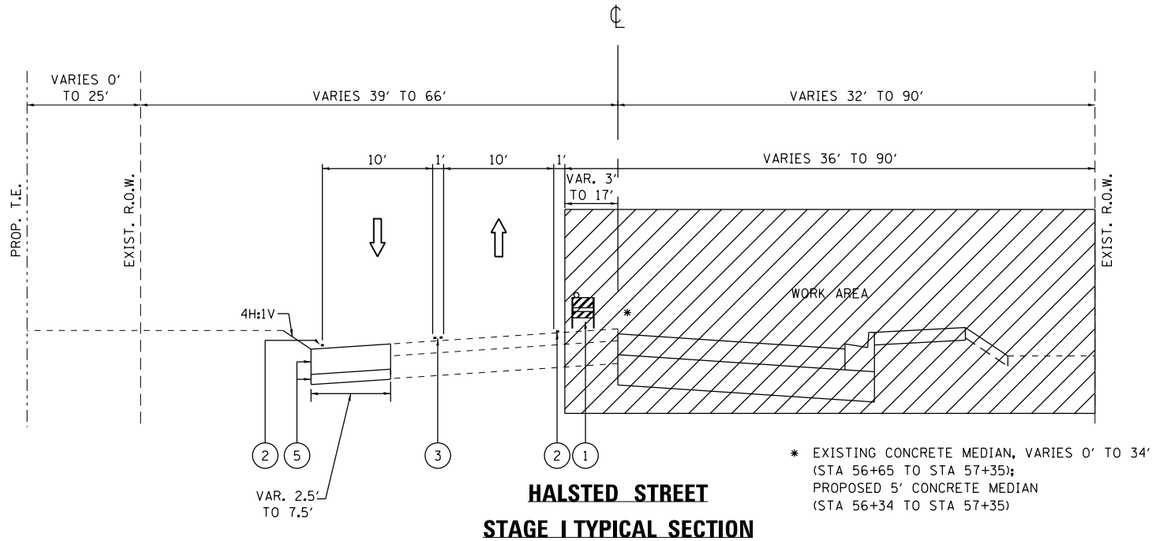


HALSTED STREET

STAGE I TYPICAL SECTION

STA 46+65 TO STA 51+35

* RECONSTRUCTION FROM STA 50+50 TO STA 51+35 RT SIDE ONLY DURING STAGE I (SEE TYPICAL SECTIONS)

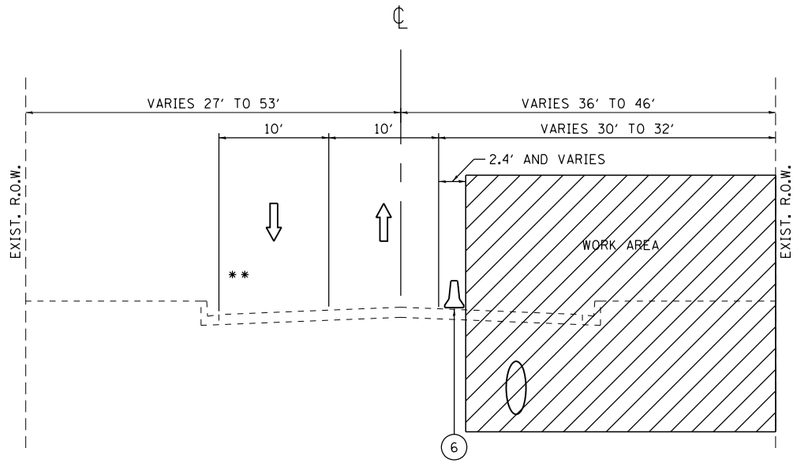


HALSTED STREET

STAGE I TYPICAL SECTION

STA 51+35 TO STA 57+35

* EXISTING CONCRETE MEDIAN, VARIES 0′ TO 34′ (STA 56+65 TO STA 57+35); PROPOSED 5′ CONCRETE MEDIAN (STA 56+34 TO STA 57+35)



BELLE COURT *

STAGE I TYPICAL SECTION

* BELLE COURT SHALL BE RESURFACED IN STAGE IV.

** STREET PARKING SHALL BE PROHIBITED ON THE SOUTH SIDE OF BELLE COURT WHILE DRAINAGE WORK IS COMPLETED. (SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL DETAILS)

LEGEND

- ⇦ DIRECTION OF TRAFFIC
- ▨ WORK AREA
- (1) TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH BI-DIRECTIONAL STEADY BURN LIGHT
- (2) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID WHITE EDGE LINE
- (3) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID DOUBLE YELLOW LINES
- (4) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID YELLOW LINE
- (5) TEMPORARY PAVEMENT CONSISTS OF:

OPTION 1:		OPTION 2:
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 10″	OR	TEMPORARY PAVEMENT (TEMPORARY PCC PAVEMENT); 8″
SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″		SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″

(SEE HMA MIXTURE REQUIREMENTS TABLE ON ROADWAY TYPICAL SECTIONS FOR ADDITIONAL DETAILS)

- (6) TEMPORARY CONCRETE BARRIER

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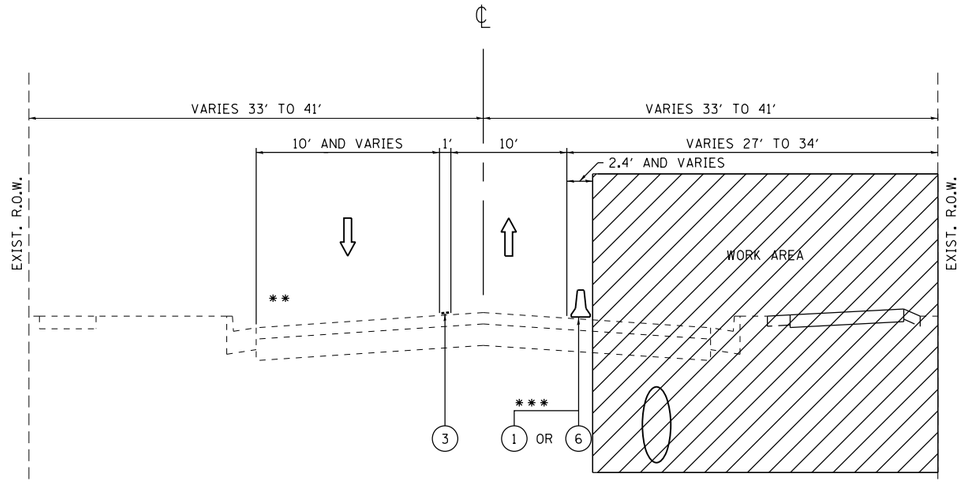
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE I TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	41
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	

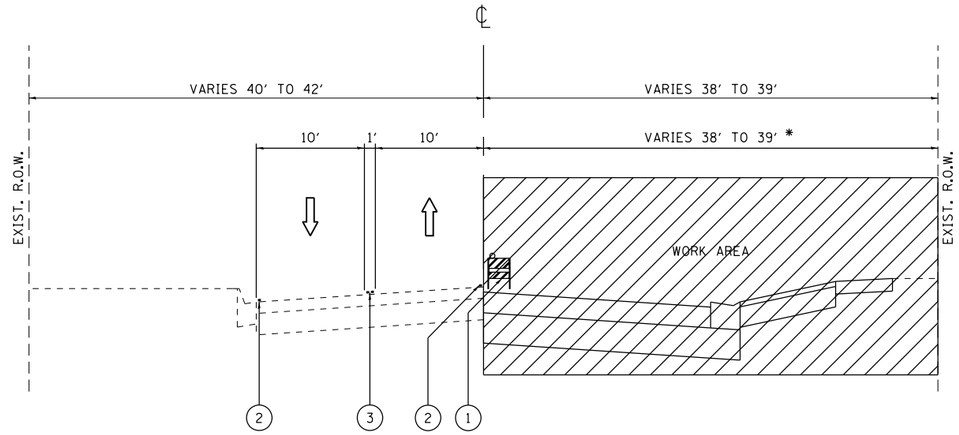


* STA 49+23 TO STA 58+00 SHALL BE RESURFACED IN STAGE IV.

** STREET PARKING SHALL BE PROHIBITED ON THE WEST SIDE OF VINCENNES ROAD WHILE DRAINAGE WORK IS COMPLETED. (SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL DETAILS)

*** SEE STAGE I PLAN SHEET FOR LOCATIONS

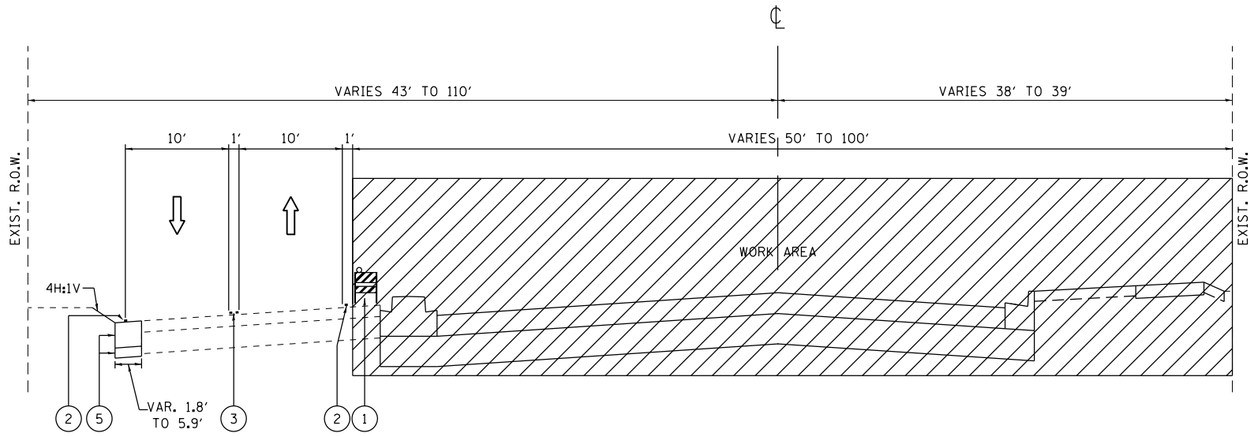
VINCENNES ROAD *
STAGE I TYPICAL SECTION
STA 49+23 TO STA 58+00



* FROM STA 58+00 TO STA 58+87, WORK ZONE EXTENDS ACROSS ENTIRE RIGHT-OF-WAY. ROADWAY WORK ON BOTH SIDES OF VINCENNES ROAD SHALL BE COMPLETED DURING THIS STAGE.

VINCENNES ROAD
STAGE I TYPICAL SECTION
STA 58+00 TO STA 58+87

STA 61+15 TO STA 62+72



VINCENNES ROAD
STAGE I TYPICAL SECTION
STA 58+87 TO STA 61+15

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH BI-DIRECTIONAL STEADY BURN LIGHT
- (2) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID WHITE EDGE LINE
- (3) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID DOUBLE YELLOW LINES
- (4) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID YELLOW LINE
- (5) TEMPORARY PAVEMENT CONSISTS OF:

OPTION 1:		OPTION 2:
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 10″	OR	TEMPORARY PAVEMENT (TEMPORARY PCC PAVEMENT); 8″
SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″		SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″

(SEE HMA MIXTURE REQUIREMENTS TABLE ON ROADWAY TYPICAL SECTIONS FOR ADDITIONAL DETAILS)

- (6) TEMPORARY CONCRETE BARRIER

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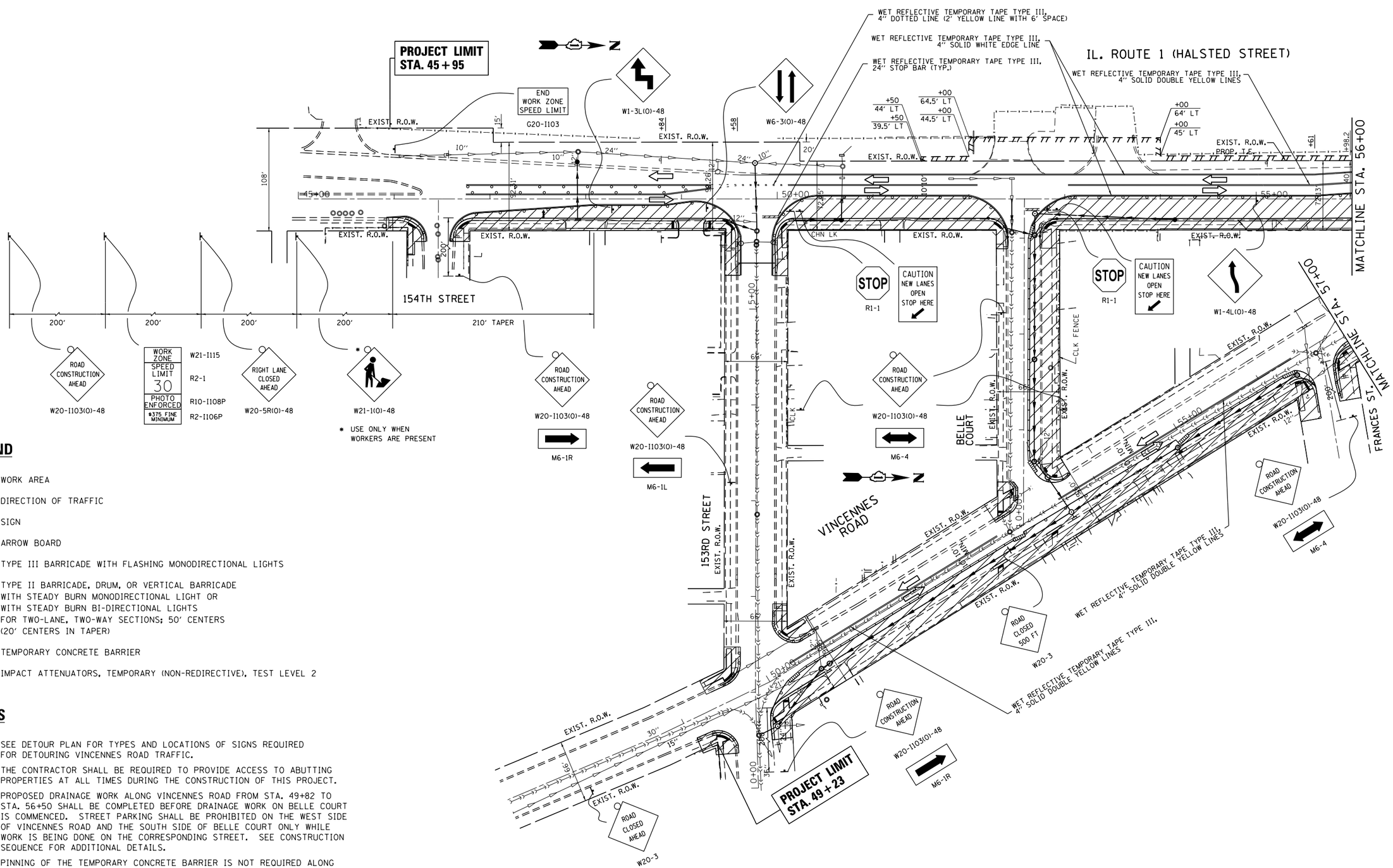
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE I TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	42
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN
- ARROW BOARD
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; 50' CENTERS (20' CENTERS IN TAPER)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

NOTES

1. SEE DETOUR PLAN FOR TYPES AND LOCATIONS OF SIGNS REQUIRED FOR DETOURING VINCENNES ROAD TRAFFIC.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
3. PROPOSED DRAINAGE WORK ALONG VINCENNES ROAD FROM STA. 49+82 TO STA. 56+50 SHALL BE COMPLETED BEFORE DRAINAGE WORK ON BELLE COURT IS COMMENCED. STREET PARKING SHALL BE PROHIBITED ON THE WEST SIDE OF VINCENNES ROAD AND THE SOUTH SIDE OF BELLE COURT ONLY WHILE WORK IS BEING DONE ON THE CORRESPONDING STREET. SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL DETAILS.
4. PINNING OF THE TEMPORARY CONCRETE BARRIER IS NOT REQUIRED ALONG THE TRAFFIC SIDE AS LONG AS THE GUIDELINES FOR NOT PINNING OUTLINED IN FIGURE 4 OF THE SAFETY ENGINEERING POLICY MEMORANDUM 4-15 ARE FOLLOWED.

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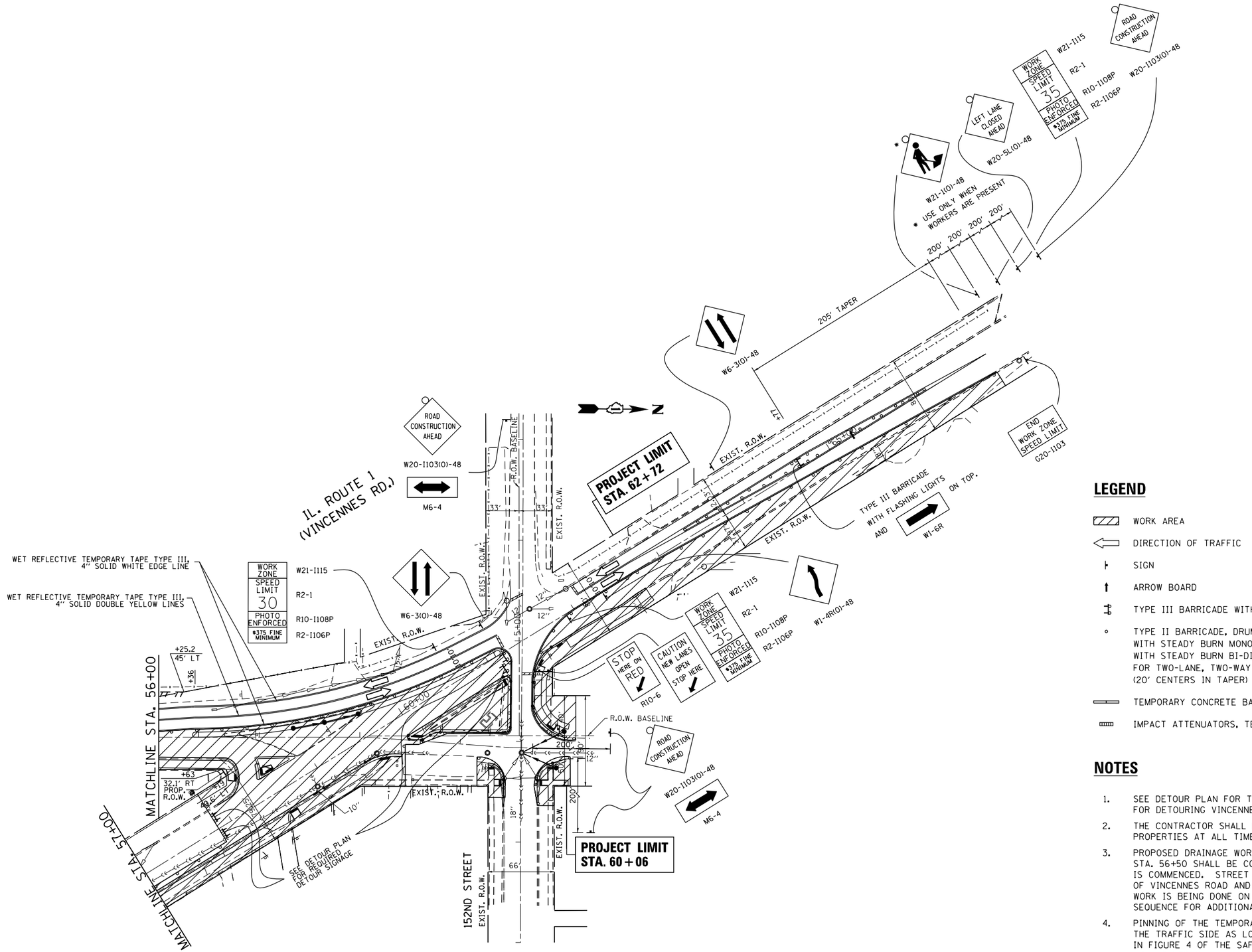
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE I MAINTENANCE OF TRAFFIC
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	43
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN
- ARROW BOARD
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; 50' CENTERS (20' CENTERS IN TAPER)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

NOTES

1. SEE DETOUR PLAN FOR TYPES AND LOCATIONS OF SIGNS REQUIRED FOR DETOURING VINCENNES ROAD TRAFFIC.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
3. PROPOSED DRAINAGE WORK ALONG VINCENNES ROAD FROM STA. 49+82 TO STA. 56+50 SHALL BE COMPLETED BEFORE DRAINAGE WORK ON BELLE COURT IS COMMENCED. STREET PARKING SHALL BE PROHIBITED ON THE WEST SIDE OF VINCENNES ROAD AND THE SOUTH SIDE OF BELLE COURT ONLY WHILE WORK IS BEING DONE ON THE CORRESPONDING STREET. SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL DETAILS.
4. PINNING OF THE TEMPORARY CONCRETE BARRIER IS NOT REQUIRED ALONG THE TRAFFIC SIDE AS LONG AS THE GUIDELINES FOR NOT PINNING OUTLINED IN FIGURE 4 OF THE SAFETY ENGINEERING POLICY MEMORANDUM 4-15 ARE FOLLOWED.

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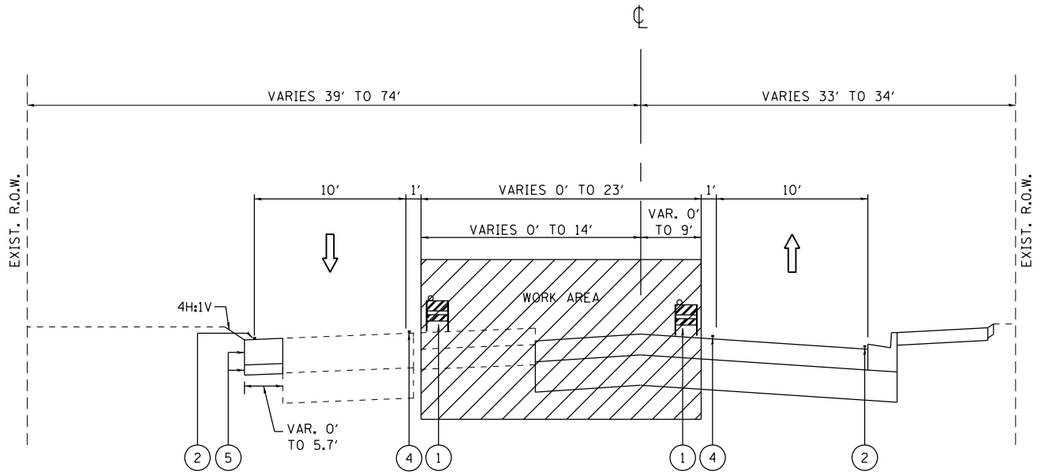
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE I MAINTENANCE OF TRAFFIC
IL. ROUTE 1 AT VINCENNES ROAD

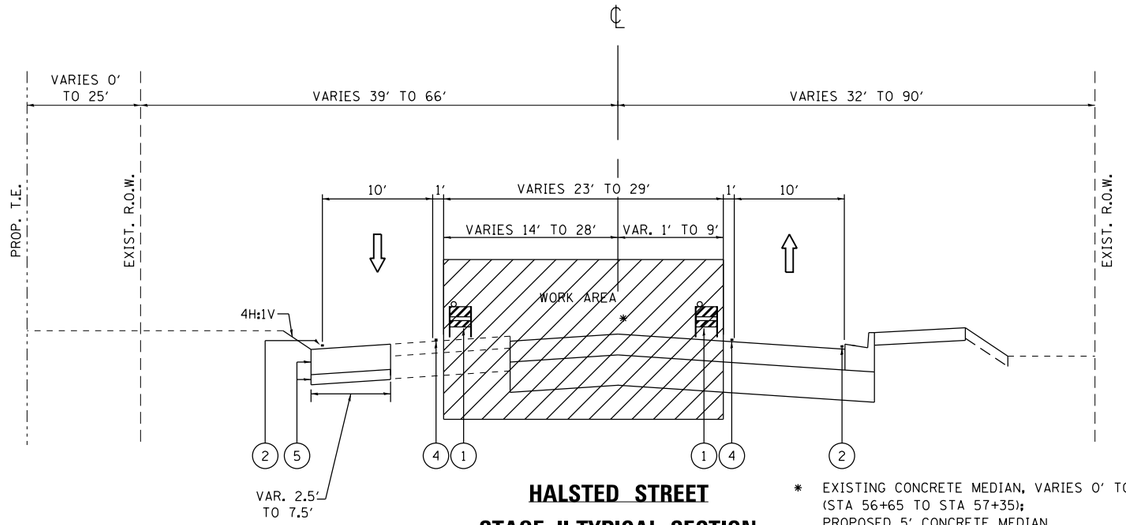
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	44
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



HALSTED STREET
STAGE II TYPICAL SECTION

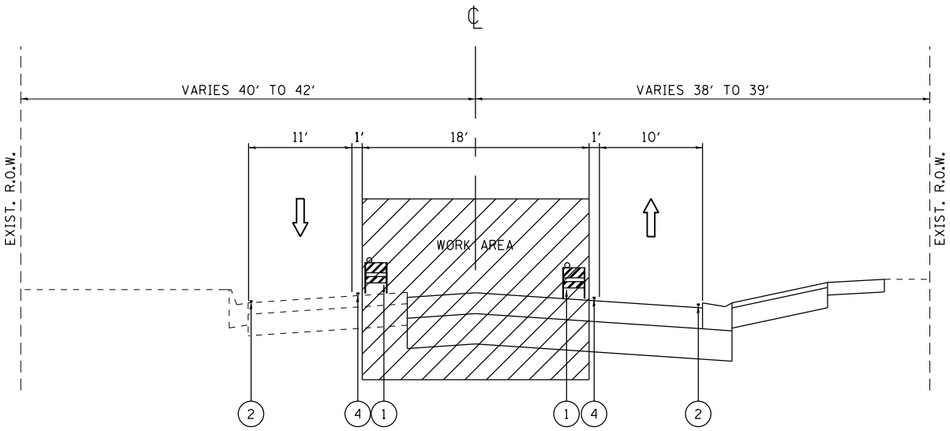
STA 46+65 to STA 51+35



HALSTED STREET
STAGE II TYPICAL SECTION

STA 51+35 TO STA 57+35

* EXISTING CONCRETE MEDIAN, VARIES 0′ TO 34′ (STA 56+65 TO STA 57+35); PROPOSED 5′ CONCRETE MEDIAN (STA 56+34 TO STA 57+35)



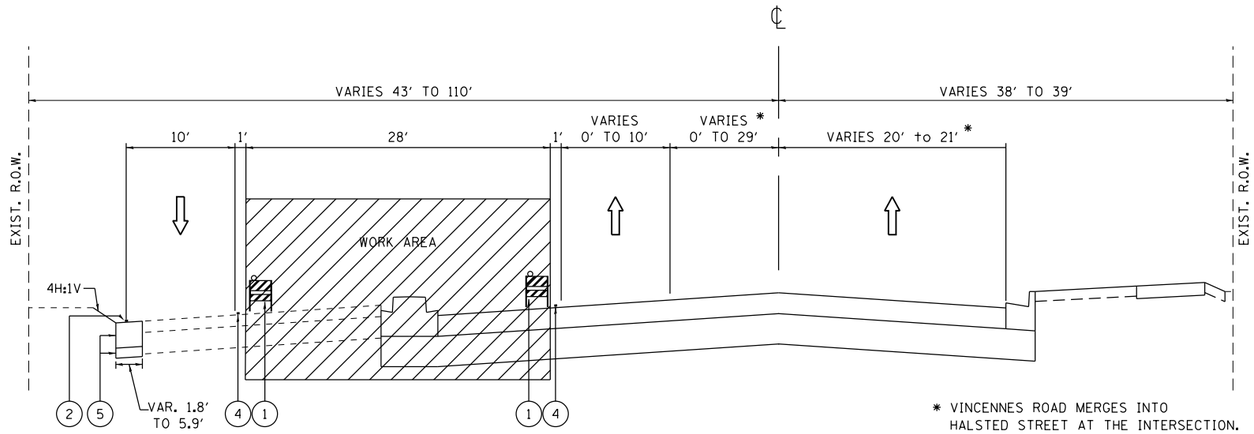
* STA 49+23 TO STA 58+00 SHALL BE RESURFACED IN STAGE IV.

** FROM STA 58+00 TO STA 58+87, ROADWAY SHALL BE OPEN TO TRAFFIC DURING STAGE II.

VINCENNES ROAD
STAGE II TYPICAL SECTION *

STA 58+00 TO STA 58+87 **

STA 61+15 TO STA 62+72



* VINCENNES ROAD MERGES INTO HALSTED STREET AT THE INTERSECTION. (SEE STAGING PLANS)

VINCENNES ROAD
STAGE II TYPICAL SECTION

STA 58+87 TO STA 61+15

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH BI-DIRECTIONAL STEADY BURN LIGHT
- (2) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID WHITE EDGE LINE
- (3) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID DOUBLE YELLOW LINES
- (4) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID YELLOW LINE
- (5) TEMPORARY PAVEMENT CONSISTS OF:

OPTION 1:		OPTION 2:
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 10″	OR	TEMPORARY PAVEMENT (TEMPORARY PCC PAVEMENT); 8″
SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″		SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″

(SEE HMA MIXTURE REQUIREMENTS TABLE ON ROADWAY TYPICAL SECTIONS FOR ADDITIONAL DETAILS)

- (6) TEMPORARY CONCRETE BARRIER

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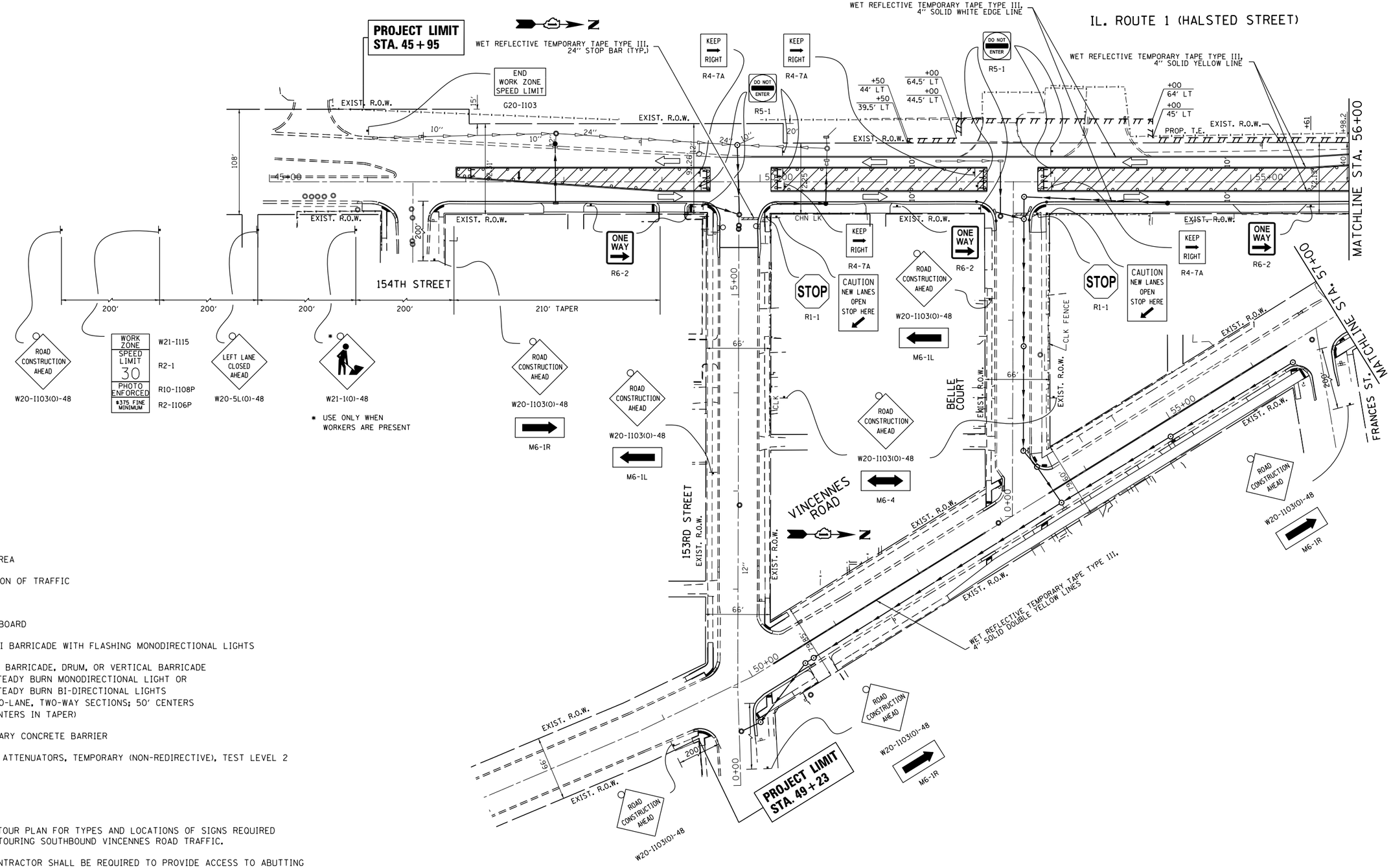
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE II TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	45
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN
- ARROW BOARD
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; 50' CENTERS (20' CENTERS IN TAPER)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

NOTES

1. SEE DETOUR PLAN FOR TYPES AND LOCATIONS OF SIGNS REQUIRED FOR DETOURING SOUTHBOUND VINCENNES ROAD TRAFFIC.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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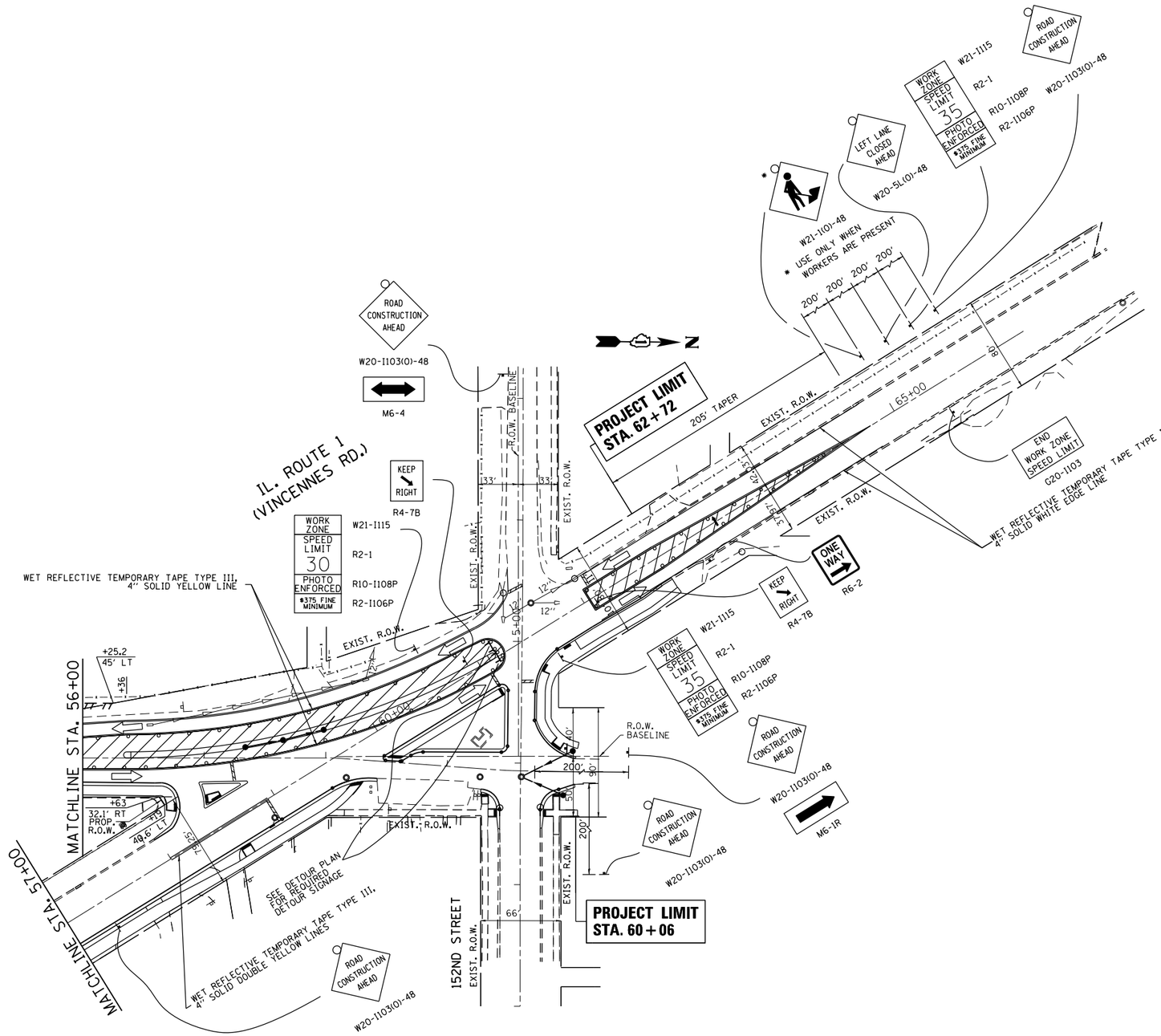
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE II MAINTENANCE OF TRAFFIC
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	46
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN
- ARROW BOARD
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE
  WITH STEADY BURN MONODIRECTIONAL LIGHT OR
  WITH STEADY BURN BI-DIRECTIONAL LIGHTS
  FOR TWO-LANE, TWO-WAY SECTIONS; 50' CENTERS
  (20' CENTERS IN TAPER)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

NOTES

1. SEE DETOUR PLAN FOR TYPES AND LOCATIONS OF SIGNS REQUIRED FOR DETOURING SOUTHBOUND VINCENNES ROAD TRAFFIC.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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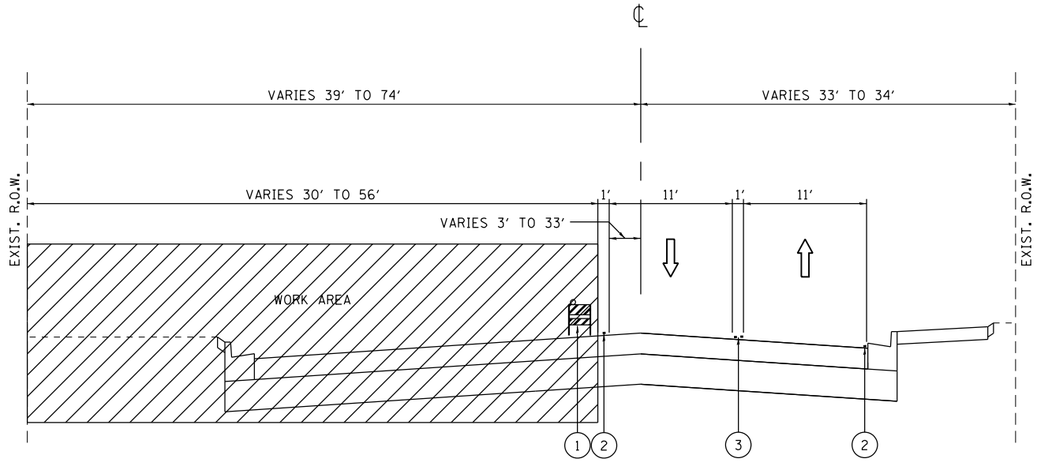
Default	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE II MAINTENANCE OF TRAFFIC
IL. ROUTE 1 AT VINCENNES ROAD

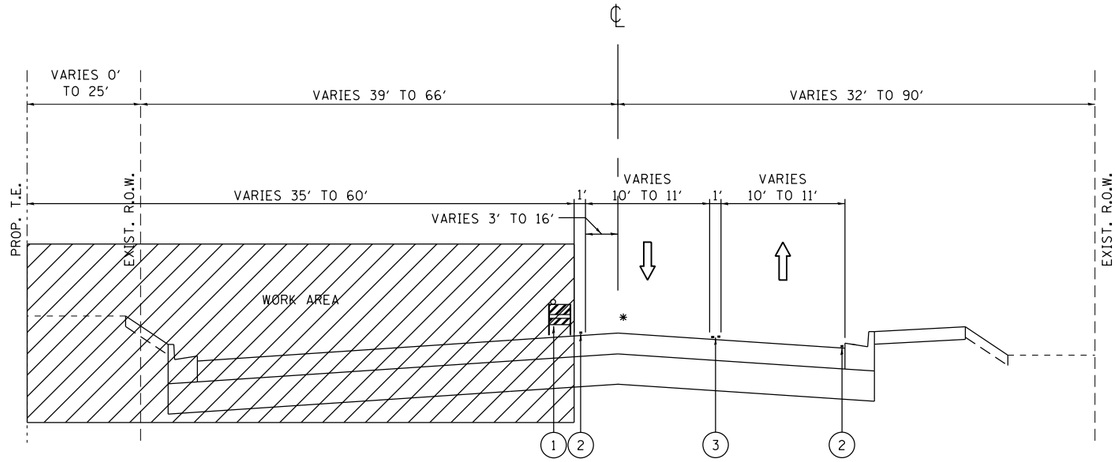
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	47
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



HALSTED STREET
STAGE III TYPICAL SECTION

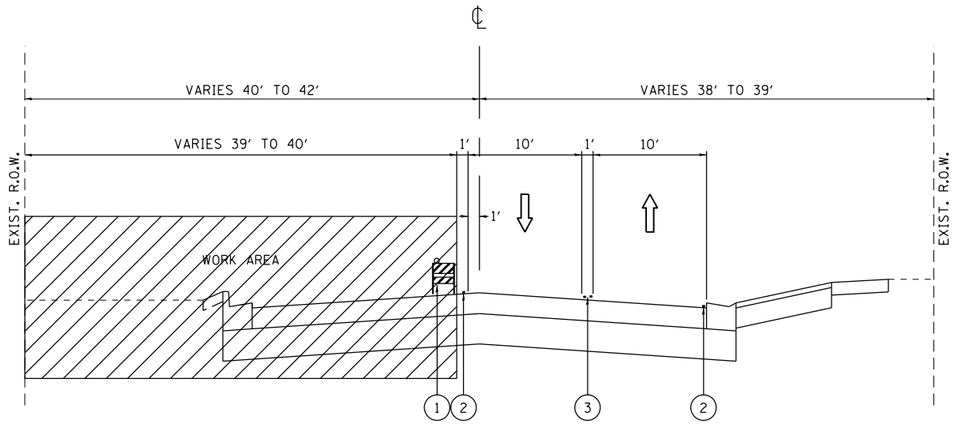
STA 46+65 to STA 51+35



HALSTED STREET
STAGE III TYPICAL SECTION

STA 51+35 TO STA 57+35

* EXISTING CONCRETE MEDIAN, VARIES 0′ TO 34′ (STA 56+65 TO STA 57+35);
PROPOSED 5′ CONCRETE MEDIAN (STA 56+34 TO STA 57+35)



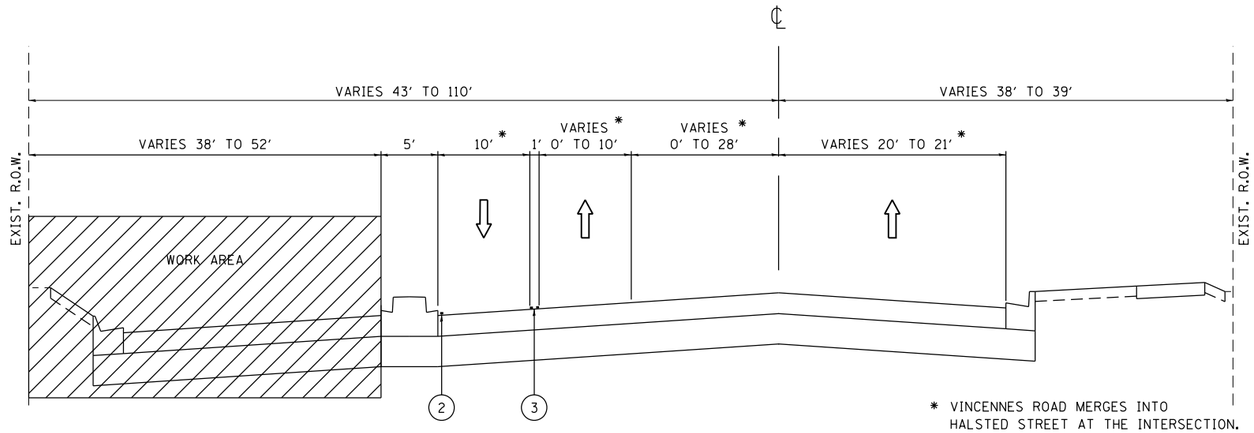
VINCENNES ROAD
STAGE III TYPICAL SECTION *

STA 58+00 TO STA 58+87 **

STA 61+15 TO STA 62+72

* STA 49+23 TO STA 58+00 SHALL BE RESURFACED IN STAGE IV.

** FROM STA 58+00 TO STA 58+87, ROADWAY SHALL BE OPEN TO TRAFFIC DURING STAGE III.



* VINCENNES ROAD MERGES INTO HALSTED STREET AT THE INTERSECTION. (SEE STAGING PLANS)

VINCENNES ROAD
STAGE III TYPICAL SECTION

STA 58+87 TO STA 61+15

LEGEND

- DIRECTION OF TRAFFIC
- WORK AREA
- (1) TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH BI-DIRECTIONAL STEADY BURN LIGHT
- (2) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID WHITE EDGE LINE
- (3) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID DOUBLE YELLOW LINES
- (4) WET REFLECTIVE TEMPORARY TAPE TYPE III, 4″ SOLID YELLOW LINE
- (5) TEMPORARY PAVEMENT CONSISTS OF:

OPTION 1:
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 10″
SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″

OR

OPTION 2:
TEMPORARY PAVEMENT (TEMPORARY PCC PAVEMENT); 8″
SUBBASE GRANULAR MATERIAL, TYPE B (CA-6); 4″

(SEE HMA MIXTURE REQUIREMENTS TABLE ON ROADWAY TYPICAL SECTIONS FOR ADDITIONAL DETAILS)

- (6) TEMPORARY CONCRETE BARRIER

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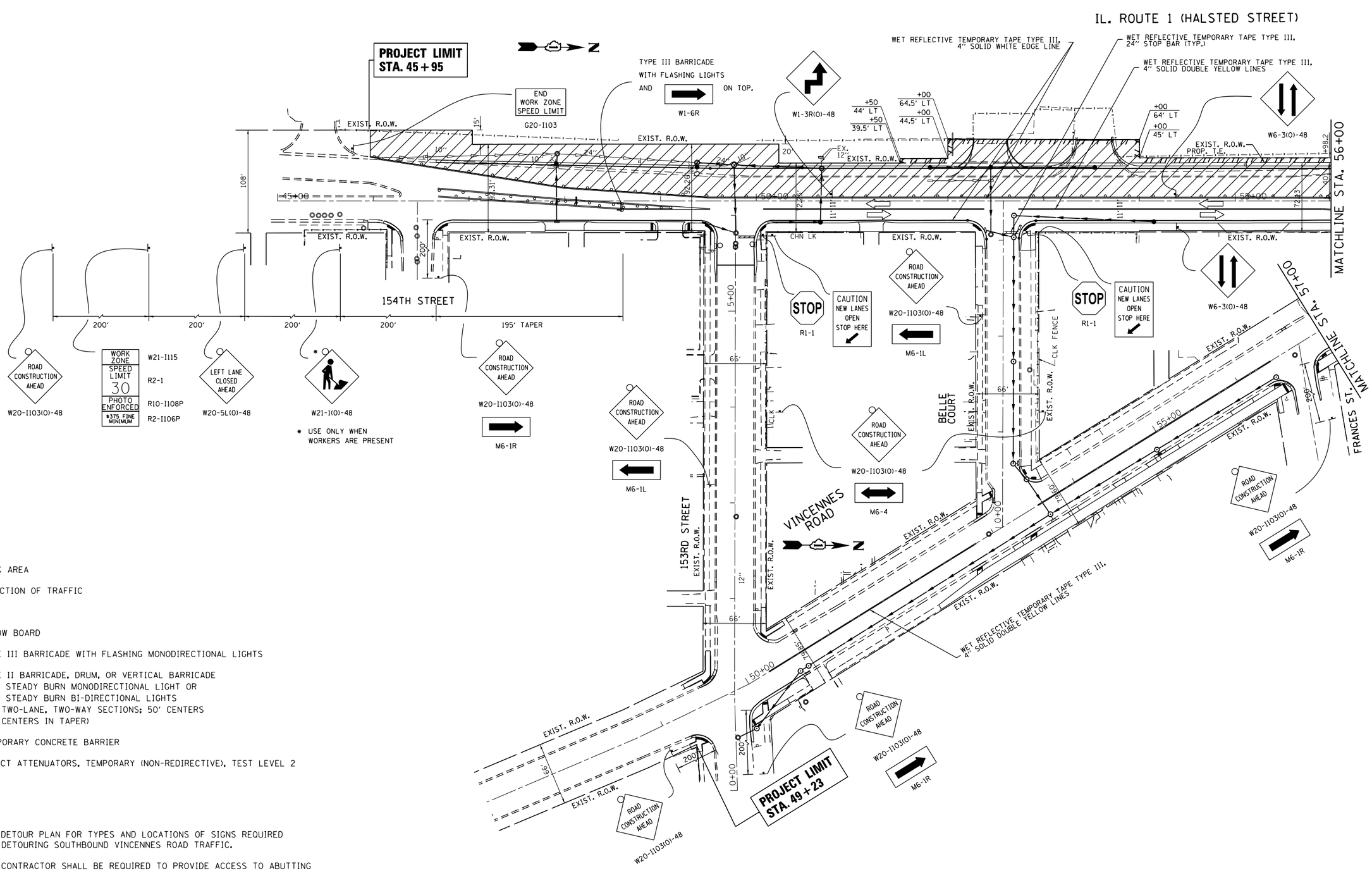
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE III TYPICAL SECTIONS
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	48
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN
- ARROW BOARD
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE
  WITH STEADY BURN MONODIRECTIONAL LIGHT OR
  WITH STEADY BURN BI-DIRECTIONAL LIGHTS
  FOR TWO-LANE, TWO-WAY SECTIONS; 50' CENTERS
  (20' CENTERS IN TAPER)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

NOTES

1. SEE DETOUR PLAN FOR TYPES AND LOCATIONS OF SIGNS REQUIRED FOR DETOURING SOUTHBOUND VINCENNES ROAD TRAFFIC.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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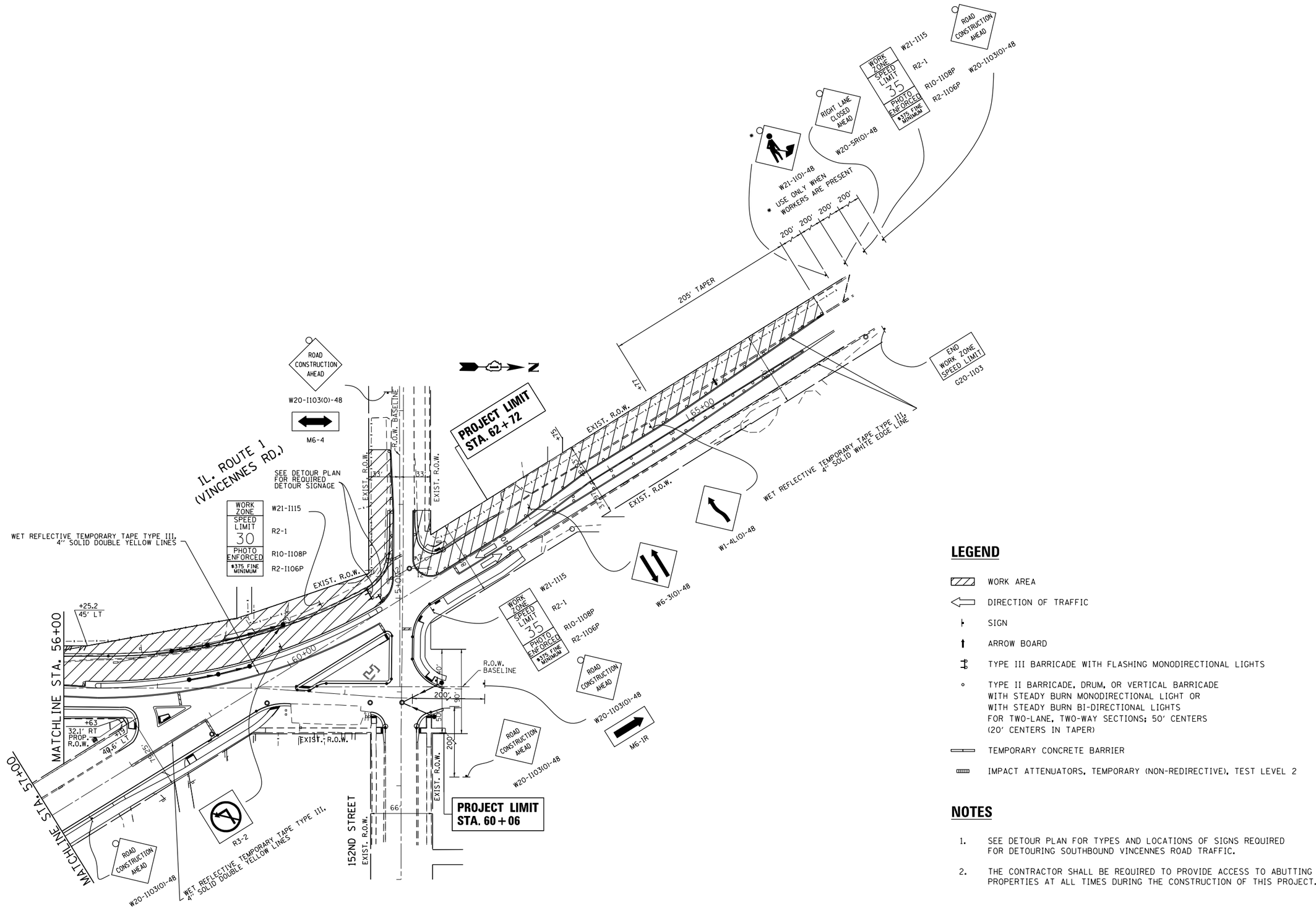
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE III MAINTENANCE OF TRAFFIC
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	49
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN
- ARROW BOARD
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT OR WITH STEADY BURN BI-DIRECTIONAL LIGHTS FOR TWO-LANE, TWO-WAY SECTIONS; 50' CENTERS (20' CENTERS IN TAPER)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2

NOTES

1. SEE DETOUR PLAN FOR TYPES AND LOCATIONS OF SIGNS REQUIRED FOR DETOURING SOUTHBOUND VINCENNES ROAD TRAFFIC.
2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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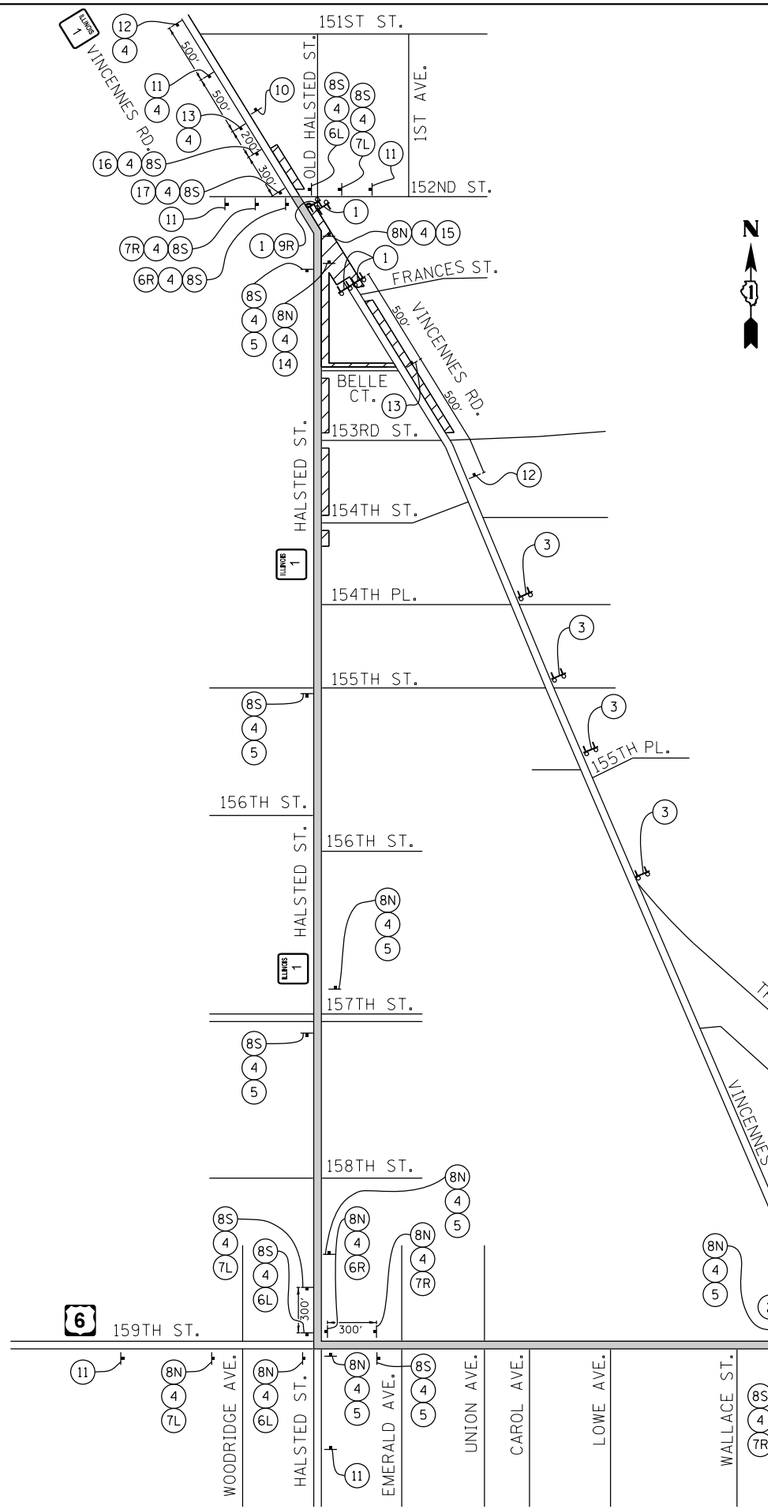
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE III MAINTENANCE OF TRAFFIC
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	50
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		



LEGEND

- DETOUR ROUTE
- WORK ZONE
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- AMBER FLASHING LIGHT

(1) ROAD CLOSED — R11-2-4830

(2) ROAD CLOSED 0.9 MILES AHEAD LOCAL TRAFFIC ONLY — R11-3A-6030

(3) ROAD CLOSED TO THRU TRAFFIC — R11-4-6030

(4) VINCENNES ROAD — SPECIAL 2418

(5) DETOUR — M4-9-3024

(6L) DETOUR — M4-9-3024

(6R) DETOUR — M4-9-3024

(7L) DETOUR — M4-9-3024

(7R) DETOUR — M4-9-3024

(8S) SOUTH — M3-3-2412

(8N) NORTH — M3-1-2412

(9L) DETOUR — M4-10L-4818

(9R) DETOUR — M4-10R-4818

(10) END DETOUR — M4-8A-2418

(11) DETOUR AHEAD — W20-2-4848

(12) ROAD CLOSED AHEAD — W20-3-4848

(13) ROAD CLOSED 500 FT — W20-3-4848

(14) DETOUR — M4-9-3024

(15) DETOUR — M4-9-3024

(16) DETOUR — M4-9-3024

(17) DETOUR — M4-9-3024

NOTES

1. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH "DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)" STANDARD DETAIL.
2. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND SIGNS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
3. NORTHBOUND AND SOUTHBOUND TRAFFIC ON VINCENNES ROAD SHALL BE PROHIBITED DURING STAGE I. SEE STAGING PLANS FOR DETAILS.

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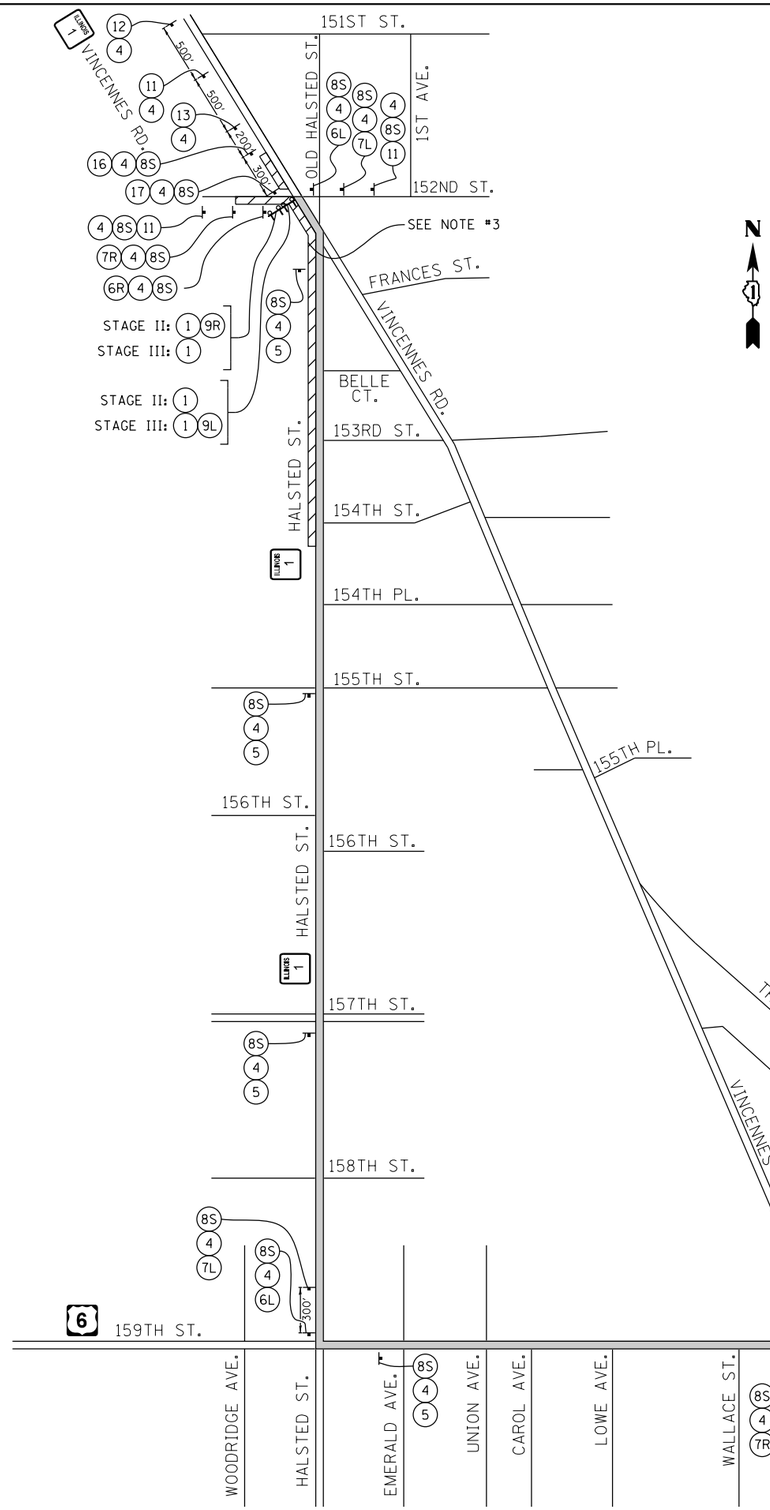
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN FOR STAGE I
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	51
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



LEGEND

- DETOUR ROUTE
- WORK ZONE
- SIGN
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- AMBER FLASHING LIGHT

(1) ROAD CLOSED — R11-2-4830

(2) ROAD CLOSED 0.9 MILES AHEAD LOCAL TRAFFIC ONLY — R11-3A-6030

(3) ROAD CLOSED TO THRU TRAFFIC — R11-4-6030

(4) VINCENNES ROAD — SPECIAL 2418

(5) DETOUR — M4-9-3024

(6L) DETOUR — M4-9-3024

(6R) DETOUR — M4-9-3024

(7L) DETOUR — M4-9-3024

(7R) DETOUR — M4-9-3024

(8S) SOUTH — M3-3-2412

(8N) NORTH — M3-1-2412

(9L) DETOUR — M4-10L-4818

(9R) DETOUR — M4-10R-4818

(10) END DETOUR — M4-8A-2418

(11) DETOUR AHEAD — W20-2-4848

(12) ROAD CLOSED AHEAD — W20-3-4848

(13) ROAD CLOSED 500 FT — W20-3-4848

(14) DETOUR — M4-9-3024

(15) DETOUR — M4-9-3024

(16) DETOUR — M4-9-3024

(17) DETOUR — M4-9-3024

NOTES

1. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH "DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)" STANDARD DETAIL.
2. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND SIGNS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
3. WORK ZONE SHOWN FOR STAGE III ONLY. SOUTHBOUND TRAFFIC ON VINCENNES ROAD SHALL BE PROHIBITED DURING BOTH STAGES II AND III. SEE STAGING PLANS FOR DETAILS.

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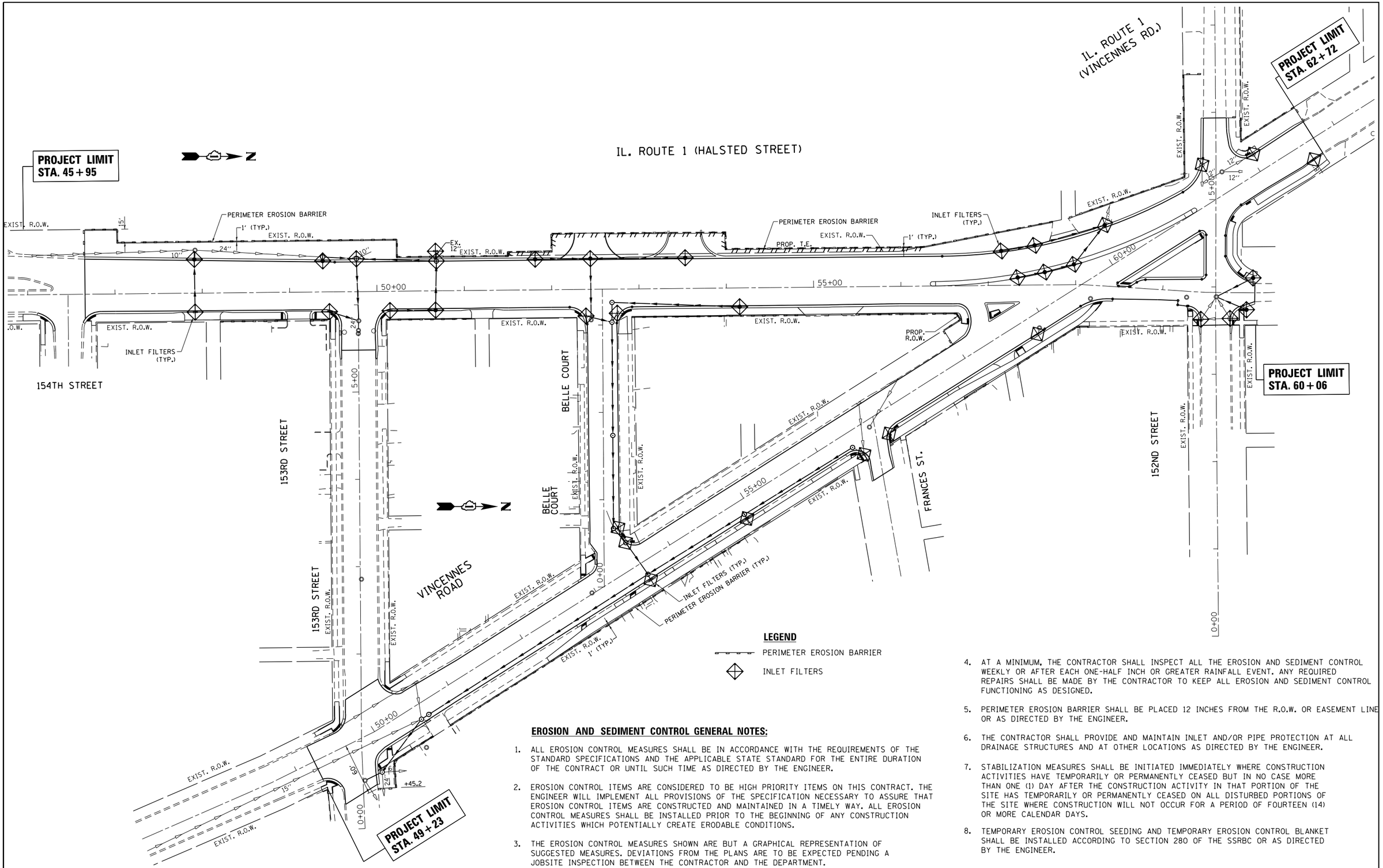
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN FOR STAGES II AND III
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	52
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



EROSION AND SEDIMENT CONTROL GENERAL NOTES:

1. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARD FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH TIME AS DIRECTED BY THE ENGINEER.
2. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION ACTIVITIES WHICH POTENTIALLY CREATE ERODABLE CONDITIONS.
3. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THE PLANS ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
4. AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL THE EROSION AND SEDIMENT CONTROL WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP ALL EROSION AND SEDIMENT CONTROL FUNCTIONING AS DESIGNED.
5. PERIMETER EROSION BARRIER SHALL BE PLACED 12 INCHES FROM THE R.O.W. OR EASEMENT LINE OR AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN INLET AND/OR PIPE PROTECTION AT ALL DRAINAGE STRUCTURES AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.
7. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED BUT IN NO CASE MORE THAN ONE (1) DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF FOURTEEN (14) OR MORE CALENDAR DAYS.
8. TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET SHALL BE INSTALLED ACCORDING TO SECTION 280 OF THE SSRBC OR AS DIRECTED BY THE ENGINEER.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED EROSION AND SEDIMENT CONTROL PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"= 50' | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	53
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

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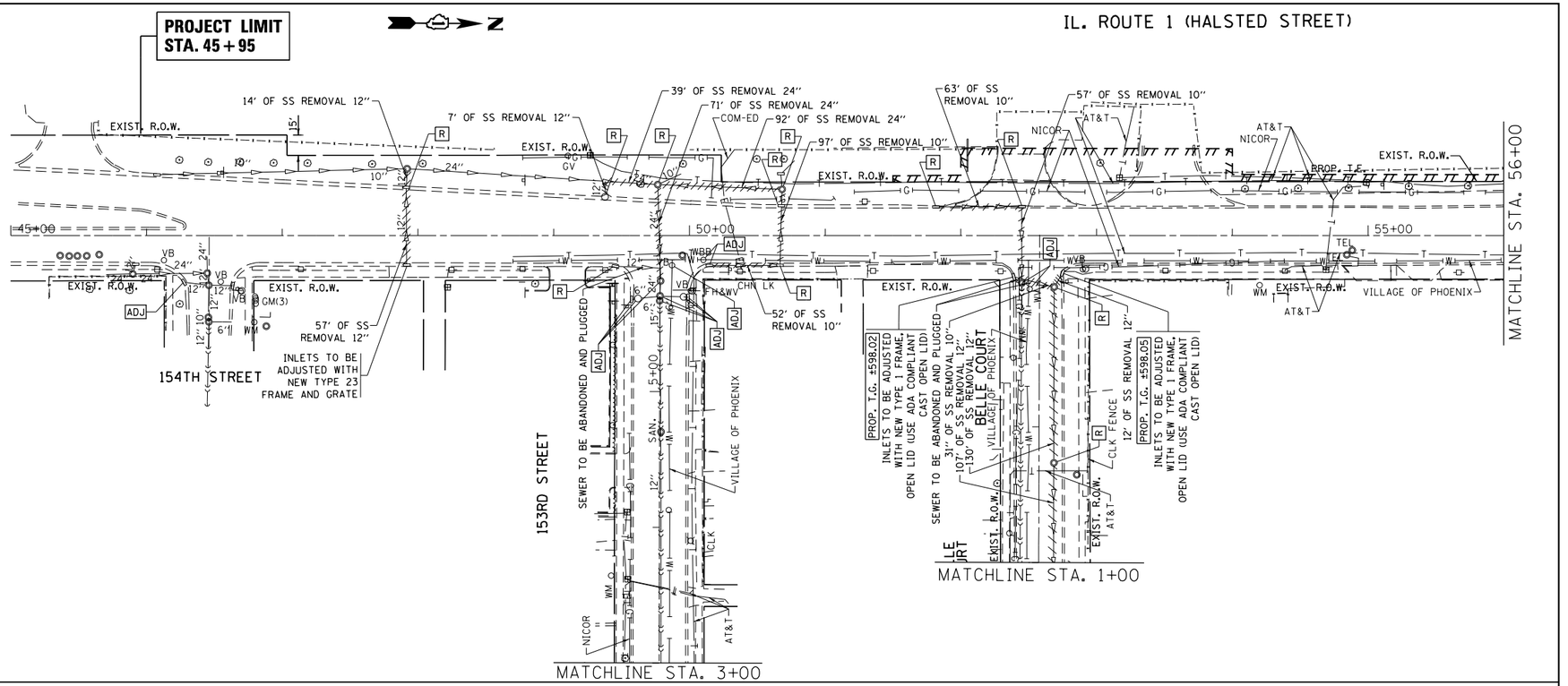
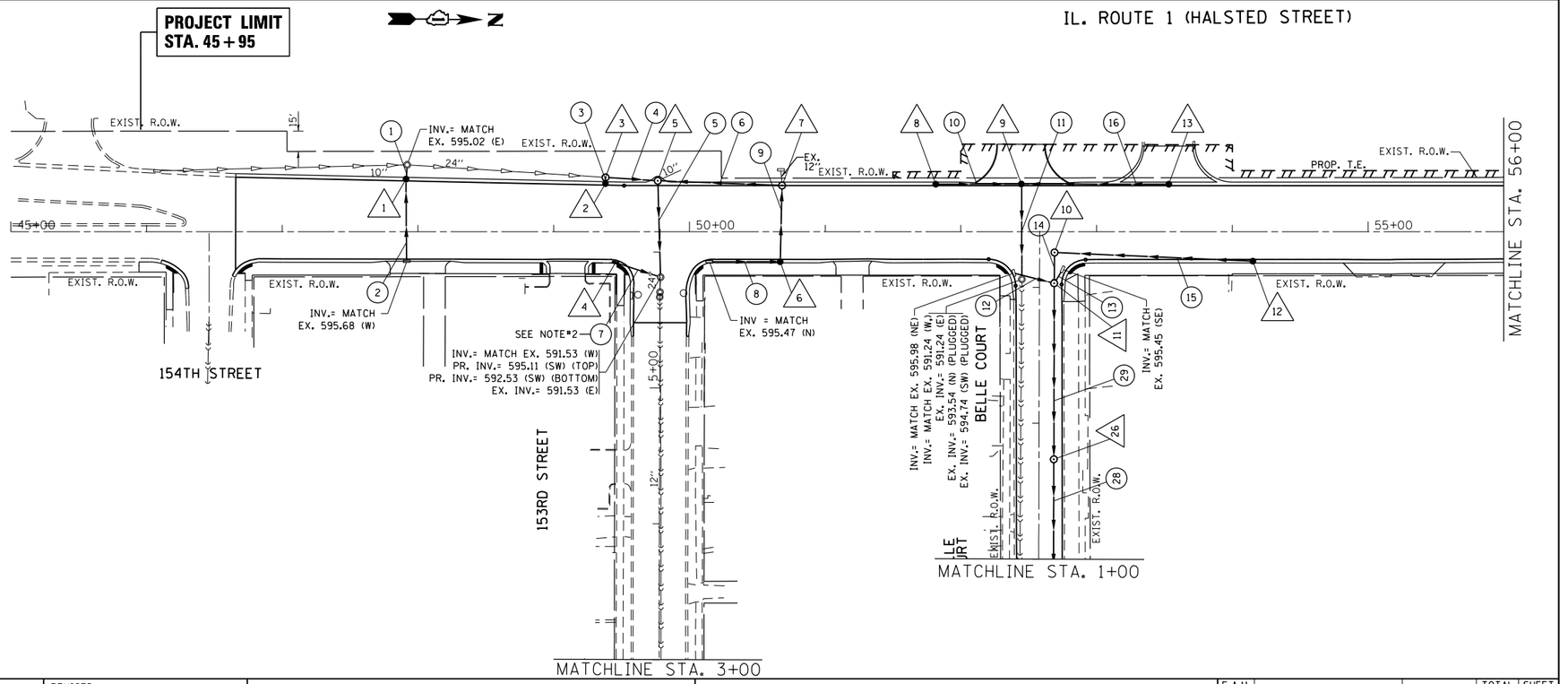


PROPOSED



LEGEND

SYMBOLS	EXISTING	PROPOSED
STORM SEWER		
SANITARY SEWER		
COMBINED SEWER		
CULVERT END SECTION		
CATCH BASIN		
HEADWALL/ENDWALL		
INLET		
MANHOLE		

NOTES:

1. THE INSTALLATION AND CONNECTION OF A PROPOSED STRUCTURE (CATCH BASIN / MANHOLE / INLET) OVER AN EXISTING STORM SEWER AND / OR A PROPOSED STORM SEWER CONNECTION TO AN EXISTING STRUCTURE, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.

2. THE CONNECTION OF PROPOSED STORM SEWERS NO. 7, 33, AND 34 TO THE EXISTING MANHOLE REQUIRES A DROP MANHOLE CONNECTION. SEE "TYPICAL DROP MANHOLE CONNECTION DETAIL" FOR ADDITIONAL INFORMATION.

PROPOSED

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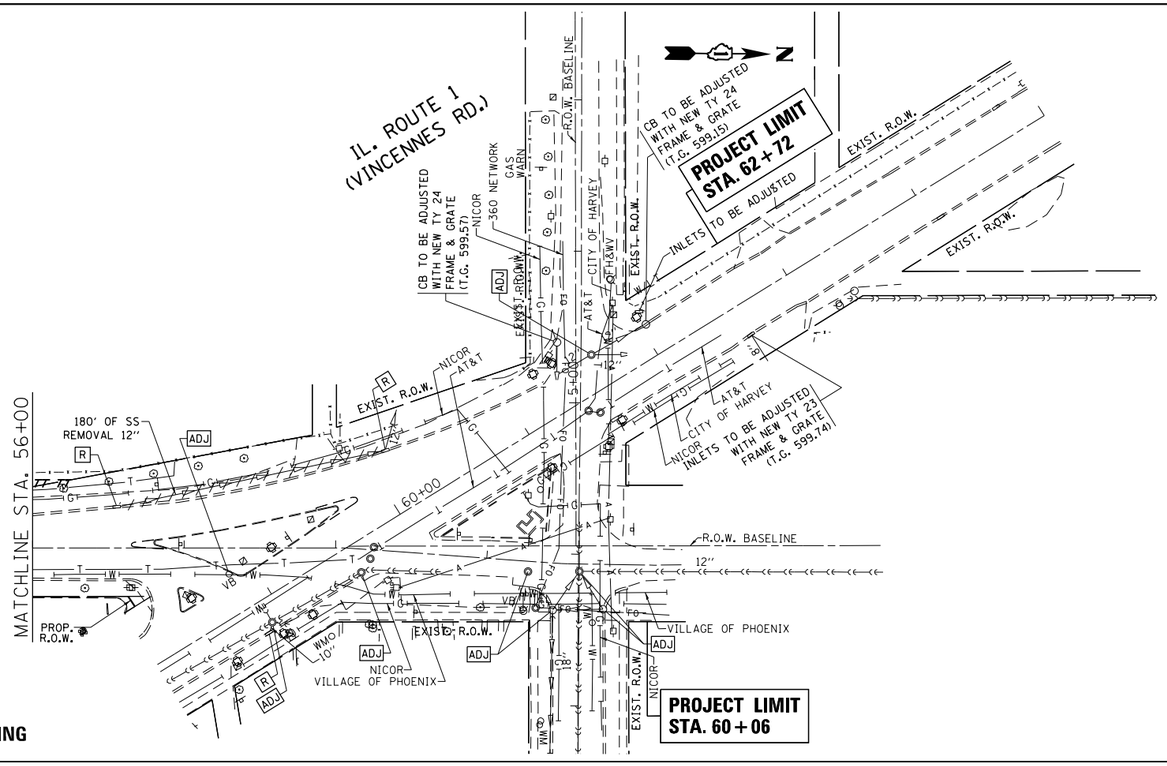
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE AND UTILITIES PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"=50' | SHEET OF SHEETS | STA. 45+00.00 | TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	54
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	



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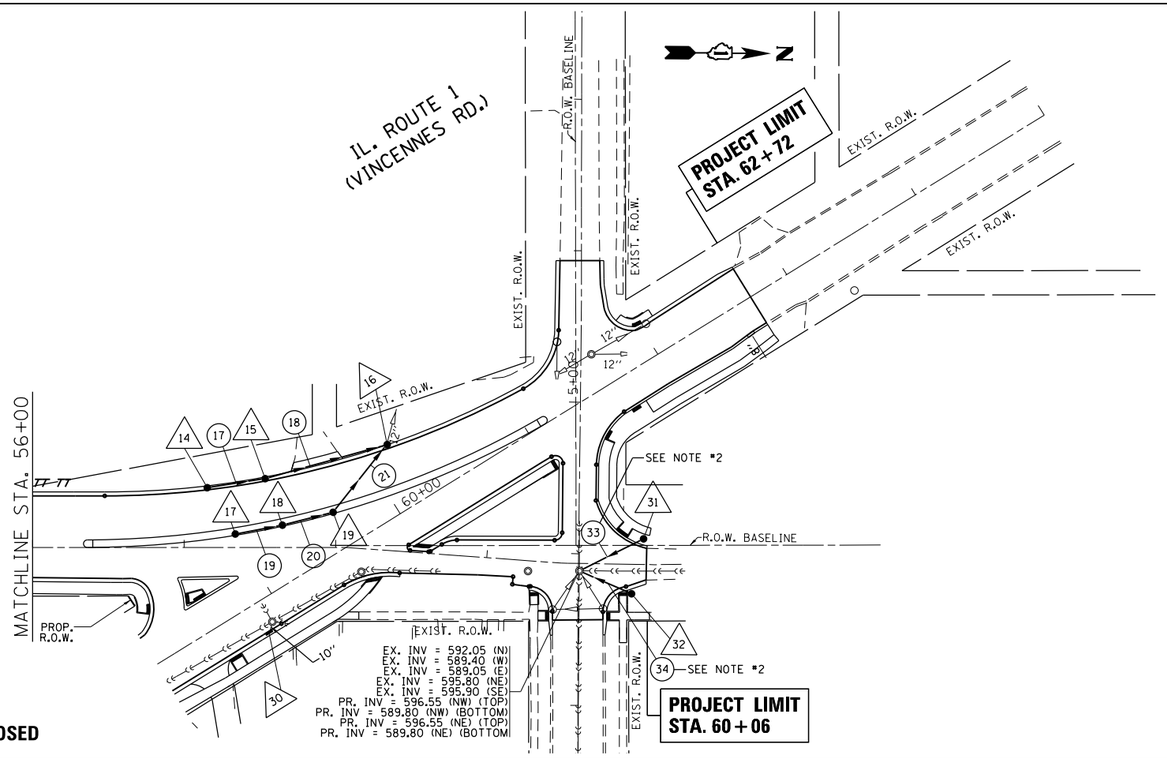

PROPOSED

LEGEND

SYMBOLS	EXISTING	PROPOSED
STORM SEWER		
SANITARY SEWER		
COMBINED SEWER		
CULVERT END SECTION		
CATCH BASIN		
HEADWALL/ENDWALL		
INLET		
MANHOLE		

NOTES:

1. THE INSTALLATION AND CONNECTION OF A PROPOSED STRUCTURE (CATCH BASIN / MANHOLE / INLET) OVER AN EXISTING STORM SEWER AND / OR A PROPOSED STORM SEWER CONNECTION TO AN EXISTING STRUCTURE, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.

2. THE CONNECTION OF PROPOSED STORM SEWERS NO. 7, 33, AND 34 TO THE EXISTING MANHOLE REQUIRES A DROP MANHOLE CONNECTION. SEE "TYPICAL DROP MANHOLE CONNECTION DETAIL" FOR ADDITIONAL INFORMATION.

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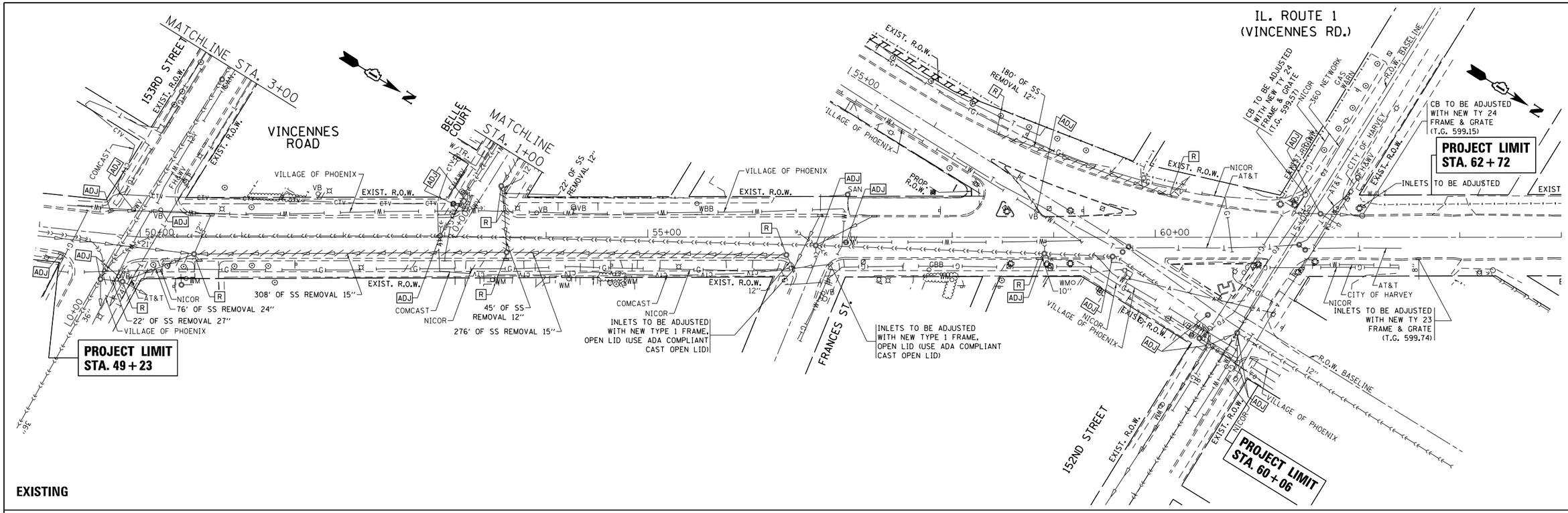
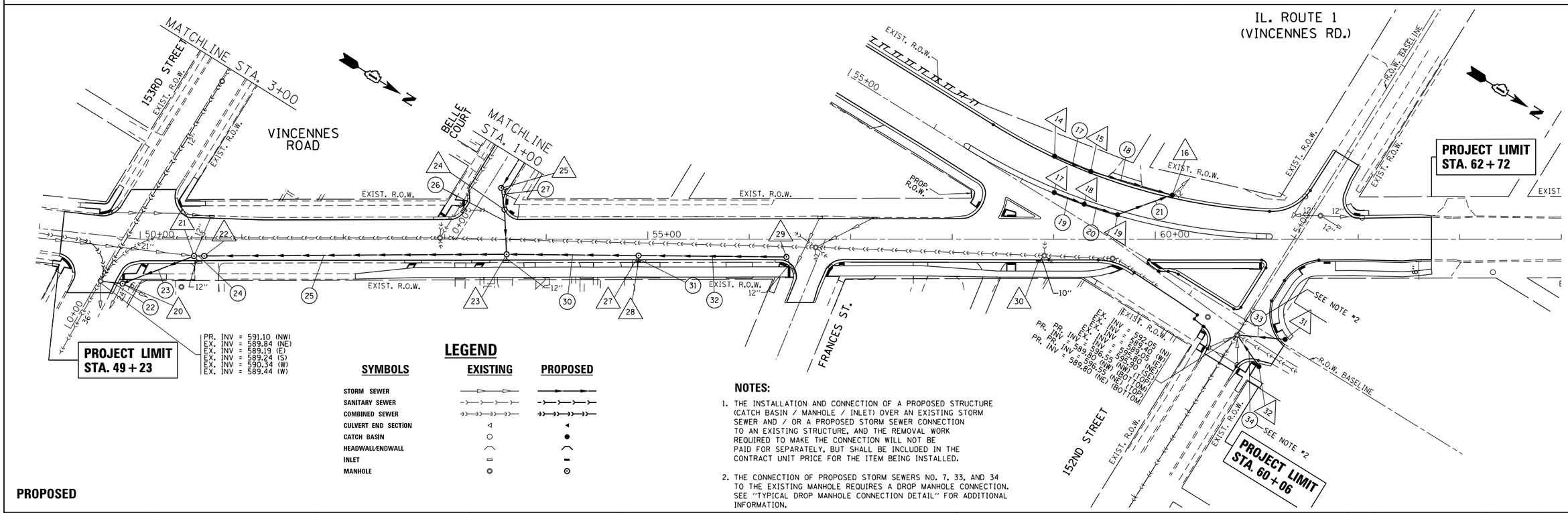
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE AND UTILITIES PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"=50' | SHEET OF SHEETS | STA. 56+00.00 | TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	55
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			





LEGEND

SYMBOLS	EXISTING	PROPOSED
STORM SEWER		
SANITARY SEWER		
COMBINED SEWER		
CULVERT END SECTION		
CATCH BASIN		
HEADWALL/ENDWALL		
INLET		
MANHOLE		

NOTES:

1. THE INSTALLATION AND CONNECTION OF A PROPOSED STRUCTURE (CATCH BASIN / MANHOLE / INLET) OVER AN EXISTING STORM SEWER AND / OR A PROPOSED STORM SEWER CONNECTION TO AN EXISTING STRUCTURE, AND THE REMOVAL WORK REQUIRED TO MAKE THE CONNECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING INSTALLED.
2. THE CONNECTION OF PROPOSED STORM SEWERS NO. 7, 33, AND 34 TO THE EXISTING MANHOLE REQUIRES A DROP MANHOLE CONNECTION. SEE "TYPICAL DROP MANHOLE CONNECTION DETAIL" FOR ADDITIONAL INFORMATION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE AND UTILITIES PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"=50' | SHEET OF SHEETS | STA. 49+00.00 | TO STA. 64+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	56
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	

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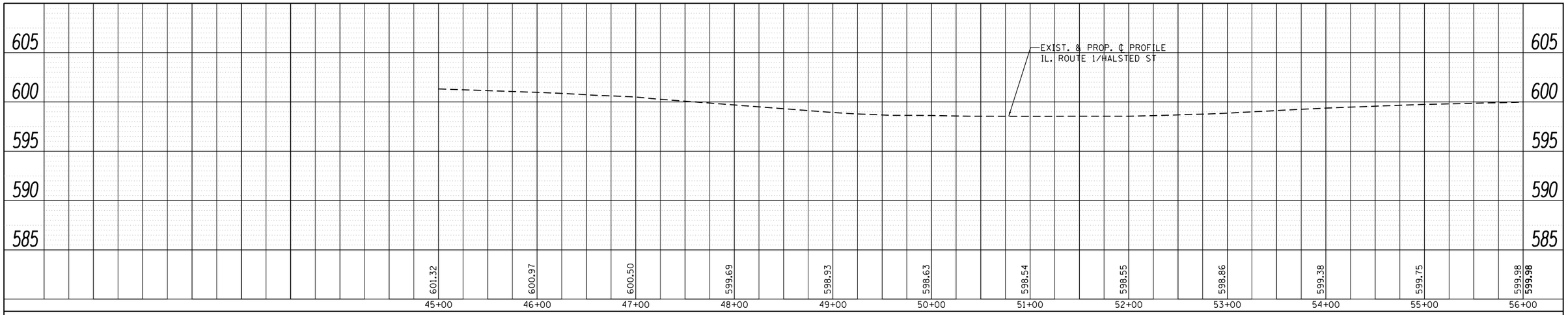
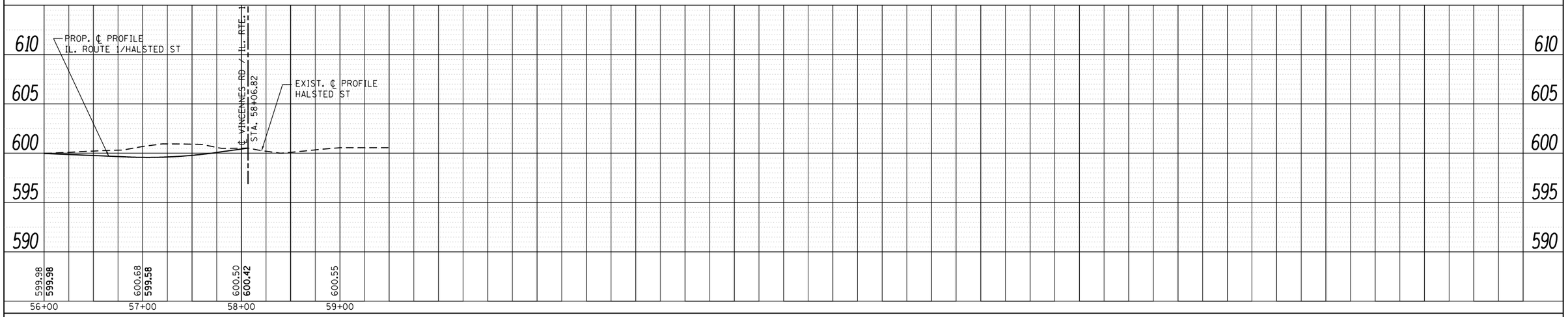
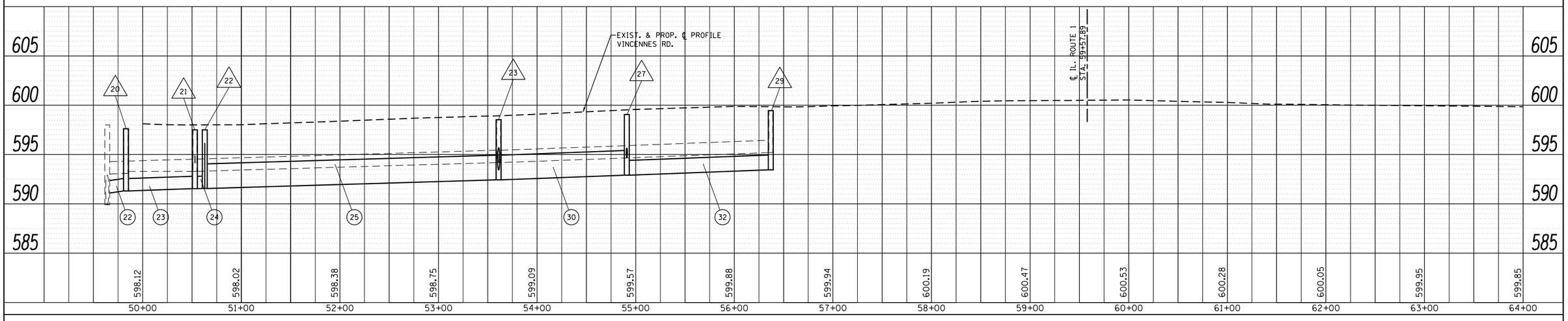
REVISIONS NOTATIONS







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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE PROFILE
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	57
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

FLAT TOP
1
CB, TY-A, 4' DIA W/ TY-24 F&G
STA.47+91 (HALSTED ST), 37.5' LT
T.G. 599.26
INV.595.08 (E)
INV.595.08 (W)

2
CB, TY-C W/ TY-24 F&G
STA.49+38 (HALSTED ST), 34.3' LT
T.G. 598.17
INV.594.82 (W)

FLAT TOP
3
MH, TY-A, 5' DIA W/ TY-1 FR & CLID
STA.49+38 (HALSTED ST), 40.0' LT
T.G. 599.12
INV.MATCH EXIST. 594.77 (S) (EX 24" SS)
INV.594.77 (N)
INV.594.77 (E)

4
INL, TY-A W/ TY-24 F&G
STA.49+46 (HALSTED ST), 20.9' RT
T.G. 597.96
INV.595.56 (NE)

FLAT TOP
5
MH, TY-A, 6' DIA W/ TY-1 FR & OLID
STA.49+77 (HALSTED ST), 37.6' LT
T.G. 597.91
INV.MATCH EX 594.70 (NW) (EX 10" SS)
INV.594.03 (S)
INV.593.51 (N)
INV.592.19 (E)

FLAT TOP
6
CB, TY-A, 4' DIA W/ TY-24 F&G
STA.50+67 (HALSTED ST), 20.4' RT
T.G. 597.98
INV.594.69 (S)
INV.594.69 (W)

FLAT TOP
7
MH, TY-A, 4' DIA W/ TY-24 F&G
STA.50+68 (HALSTED ST), 34.0' LT
T.G. 597.70
INV.MATCH EX 595.05 (W) (EX 12" SS)
INV.593.68 (S)
INV.594.43 (E)

8
CB, TY-C W/ TY-24 F&G
STA.51+81 (HALSTED ST), 34.0' LT
T.G. 597.89
INV.594.19 (N)

FLAT TOP
9
CB, TY-A, 4' DIA W/ TY-23 F&G
STA.52+45 (HALSTED ST), 34.0' LT
T.G. 598.29
INV.593.50 (N)
INV.593.50 (S)
INV.593.50 (E)

FLAT TOP
10
MH, TY-A, 4' DIA W/ TY-1 FR & CLID
STA.52+69 (HALSTED ST), 15.2' RT
T.G. 598.36
INV.594.72 (N)
INV.594.72 (E)

FLAT TOP
11
MH, TY-A, 5' DIA W/ TY-1 FR & CLID
STA.52+69 (HALSTED ST), 37.9' RT
T.G. 598.30
INV.595.00 (NW)
INV.595.00 (SW)
INV.594.60 (E)
INV.594.60 (W)

12
CB, TY-C W/ TY-24 F&G
STA.54+15 (HALSTED ST), 20.4' RT
T.G. 598.93
INV.595.45 (S)

13
CB, TY-C W/ TY-24 F&G
STA.53+53 (HALSTED ST), 34.0' LT
T.G. 598.29
INV.595.06 (S)

14
CB, TY-C W/ TY-24 F&G
STA.57+15 (HALSTED ST), 38.0' LT
T.G. 598.71
INV.595.25 (N)

FLAT TOP
15
CB, TY-A, 4' DIA W/ TY-24 F&G
STA.57+54 (HALSTED ST), 43.8' LT
T.G. 598.92
INV.595.06 (N)
INV.595.06 (S)

FLAT TOP
16
CB, TY-A, 5' DIA W/ TY-24 F&G
STA.60+17 (VINCENNES RD), 40.6' LT
T.G. 599.59
INV.MATCH EX 594.57 (NW) (EX 12" SS)
INV.594.65 (S)
INV.594.65 (SE)

17
CB, TY-C W/ TY-23 F&G
STA.57+34 (HALSTED ST), 8.0' LT
T.G. 599.45
INV.595.87 (N)

FLAT TOP
18
CB, TY-A, 4' DIA W/ TY-23 F&G
STA.57+65 (HALSTED ST), 14.0' LT
T.G. 599.65
INV.595.55 (N)
INV.595.55 (S)

FLAT TOP
19
CB, TY-A, 4' DIA W/ TY-23 F&G
STA.59+63 (VINCENNES RD), 23.4' LT
T.G. 599.93
INV.595.20 (NW)
INV.595.20 (S)

FLAT TOP
20
MH, TY-A, 5' DIA W/ TY-1 FR & CLID
STA.49+87 (VINCENNES RD), 45.3' RT
T.G. 597.62
INV.591.31 (NW)
INV.591.31 (SE)
INV.MATCH EX 593.72 (N) (EX 6" SS)
INV.MATCH EX 593.02 (E) (EX 24" SS)

FLAT TOP
21
MH, TY-A, 6' DIA W/ TY-1 FR & CLID
STA.50+53 (VINCENNES RD), 16.6' RT
T.G. 597.55
INV.591.54 (NW)
INV.591.54 (SE)
INV.MATCH EX 593.65 (W) (EX 12" SS)
INV.MATCH EX 594.10 (NE) (EX 12" SS)
INV.MATCH EX 593.25 (S) (EX 21" SS)

FLAT TOP
* 22
MH, TY-A, 4' DIA W/ 14.20" RESTRICTOR W/ TY-1 FR & CLID
STA.50+63 (VINCENNES RD), 16.5' RT
T.G. 597.51
INV.591.57 (NW)
INV.591.57 (SE)
INV.591.57 (RESTRICTOR)
T.O.P.WEIR ELEVATION 596.17

* NOTE: NOTE *3 ON DISTRICT DETAIL BD-12 SHALL BE DISREGARDED.

FLAT TOP
23
MH, TY-A, 6' DIA W/ TY-1 FR & CLID
STA.53+61 (VINCENNES RD), 14.9' RT
T.G. 598.53
INV.592.43 (NW)
INV.592.43 (SE)
INV.593.43 (SW)
INV.MATCH EX 594.18 (NE) (EX 12" SS)

FLAT TOP
24
MH, TY-A, 5' DIA W/ TY-24 F&G
STA.53+59 (VINCENNES RD), 29.1' LT
T.G. 598.19
INV.593.69 (NE)
INV.593.69 (SW)

FLAT TOP
25
MH, TY-A, 6' DIA W/ TY-1 FR & CLID
STA.0+67 (BELLE CT), 11.0' RT
T.G. 598.57
INV.593.92 (NE)
INV.593.92 (W)
INV.MATCH EX 594.77 (N) (EX 12" SS)

FLAT TOP
26
MH, TY-A, 5' DIA W/ TY-1 FR & CLID
STA.1+74 (BELLE CT), 11.0' RT
T.G. 598.74
INV.594.23 (E)
INV.594.23 (W)

FLAT TOP
27
MH, TY-A, 5' DIA W/ TY-1 FR & CLID
STA.54+91 (VINCENNES RD), 16.1' RT
T.G. 599.06
INV.592.91 (NW)
INV.592.91 (SE)
INV.594.66 (NE)

28
INL, TY-A W/ TY-24 F&G
STA.54+91 (VINCENNES RD), 20.3' RT
T.G. 598.88
INV.594.74 (SW)

FLAT TOP
29
MH, TY-A, 5' DIA W/ TY-1 FR & CLID
STA.56+37 (VINCENNES RD), 17.4' RT
T.G. 599.45
INV.593.45 (SE)
INV.MATCH EX 595.20 (NE) (EX 12" SS)

30
INL, TY-A W/ TY-24 F&G
STA.58+85 (VINCENNES RD), 20.3' RT
T.G. 599.95
INV.MATCH EX 595.42 (W) (EX 10" SS)

31
CB, TY-C W/ TY-8 G
STA.60+03 (HALSTED ST), 17.0' LT
T.G. 600.75
INV.597.00 (SE)

32
CB, TY-C W/ TY-8 G
STA.59+96 (HALSTED ST), 19.5' RT
T.G. 599.74
INV.597.00 (SW)

1
12" DIA SS, CL A, TY 2
LENGTH = 10.6'
SLOPE = 0.6%
TBF = 3.7 CU. YD.

2
12" DIA SS, CL A, TY 2
LENGTH = 60.5'
SLOPE = 1.0%
TBF = 14.2 CU. YD.

3
12" DIA SS, CL A, TY 2
LENGTH = 4.5'
SLOPE = 1.1%
TBF = 1.2 CU. YD.

4
24" DIA SS, CL A, TY 1
LENGTH = 38.6'
SLOPE = 1.9%
TBF = 10.4 CU. YD.

5
24" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 71.0'
SLOPE = 0.9%
TBF = 58.7 CU. YD.

6
24" DIA SS, CL A, TY 1
LENGTH = 91.7'
SLOPE = 0.2%
TBF = 23.7 CU. YD.

7
12" DIA SS, CL A, TY 1
LENGTH = 35.0'
SLOPE = 1.3%
TBF = 4.7 CU. YD.

8
12" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 52.0'
SLOPE = 1.5%
TBF = 6.9 CU. YD.

9
12" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 56.1'
SLOPE = 0.5%
TBF = 12.0 CU. YD.

10
12" DIA SS, CL A, TY 2
LENGTH = 63.2'
SLOPE = 1.1%
TBF = 17.6 CU. YD.

11
12" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 70.1'
SLOPE = 3.2%
TBF = 53.3 CU. YD.

12
12" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 30.6'
SLOPE = 3.2%
TBF = 5.4 CU. YD.

13
12" DIA SS, CL A, TY 1
LENGTH = 11.9'
SLOPE = 3.8%
TBF = 2.4 CU. YD.

14
12" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 22.7'
SLOPE = 0.5%
TBF = 5.6 CU. YD.

15
12" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 146.2'
SLOPE = 0.5%
TBF = 30.2 CU. YD.

16
12" DIA SS, CL A, TY 2
LENGTH = 108.6'
SLOPE = 1.4%
TBF = 27.5 CU. YD.

17
12" DIA SS, CL A, TY 1
LENGTH = 38.8'
SLOPE = 0.5%
TBF = 8.4 CU. YD.

18
12" DIA SS, CL A, TY 2
LENGTH = 83.6'
SLOPE = 0.5%
TBF = 24.6 CU. YD.

19
12" DIA SS, CL A, TY 1
LENGTH = 31.8'
SLOPE = 1.0%
TBF = 7.5 CU. YD.

20
12" DIA SS, CL A, TY 2
LENGTH = 34.5'
SLOPE = 1.0%
TBF = 10.3 CU. YD.

21
12" DIA SS, CL A, TY 2
LENGTH = 57.1'
SLOPE = 1.0%
TBF = 19.5 CU. YD.

22
15" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 21.8'
SLOPE = 1.0%
TBF = 17.5 CU. YD.

23
15" DIA SS, CL A, TY 2
LENGTH = 75.5'
SLOPE = 0.3%
TBF = 59.6 CU. YD.

24
15" DIA SS, CL A, TY 2
LENGTH = 10.0'
SLOPE = 0.3%
TBF = 7.0 CU. YD.

25
30" DIA SS, CL A, TY 2
LENGTH = 298.0'
SLOPE = 0.3%
TBF = 206.6 CU. YD.

26
27" DIA SS (WATER MAIN REQUIREMENTS)
LENGTH = 44.1'
SLOPE = 0.6%
TBF = 15.1 CU. YD.

27
24" DIA SS, CL A, TY 1
LENGTH = 21.6'
SLOPE = 1.1%
TBF = 7.3 CU. YD.

28
21" DIA SS, CL A, TY 1
LENGTH = 106.5'
SLOPE = 0.3%
TBF = 42.4 CU. YD.

29
21" DIA SS, CL A, TY 1
LENGTH = 129.6'
SLOPE = 0.3%
TBF = 42.8 CU. YD.

30
30" DIA SS, CL A, TY 2
LENGTH = 130.0'
SLOPE = 0.4%
TBF = 94.7 CU. YD.

31
12" DIA SS, CL A, TY 2
LENGTH = 5.5'
SLOPE = 1.5%
TBF = 1.5 CU. YD.

32
18" DIA SS, CL A, TY 2
LENGTH = 145.7'
SLOPE = 0.4%
TBF = 105.0 CU. YD.

33
12" DIA SS, CL A, TY 1
LENGTH = 47.2'
SLOPE = 1.0%
TBF = 13.7 CU. YD.

34
12" DIA SS, CL A, TY 1
LENGTH = 37.7'
SLOPE = 1.2%
TBF = 8.9 CU. YD.

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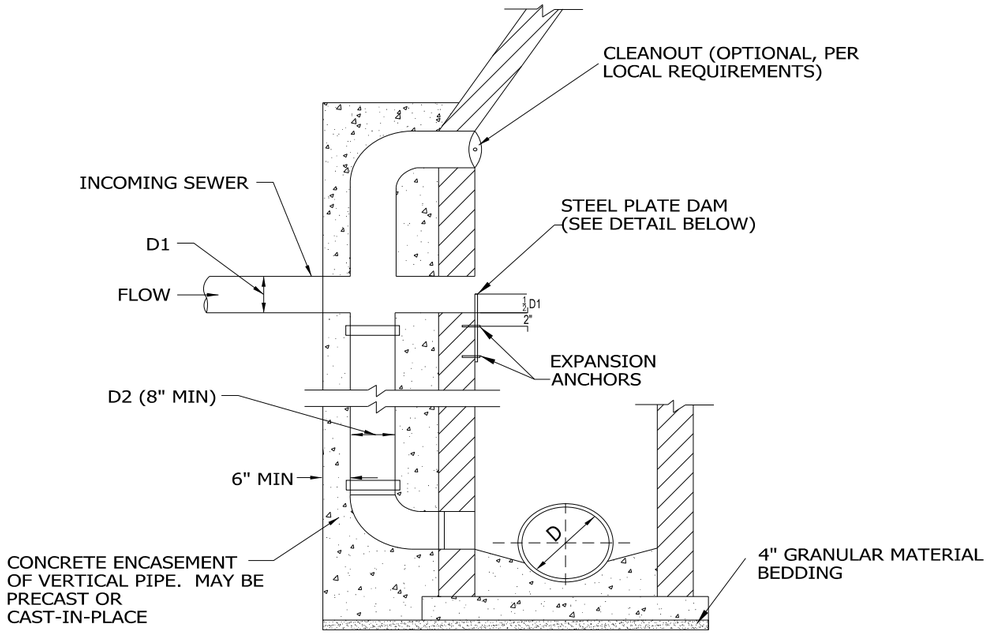
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE STRUCTURES AND STORM SEWERS
IL. ROUTE 1 AT VINCENNES ROAD

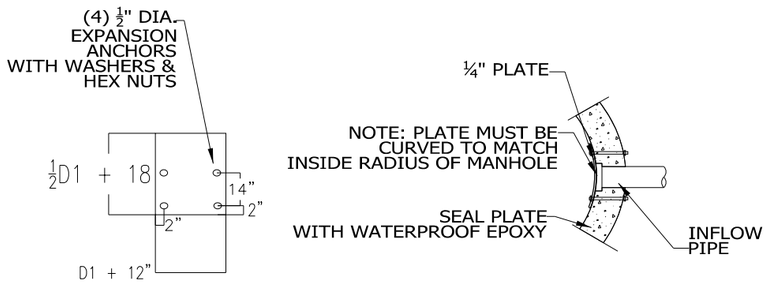
SCALE: NONE | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	58
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



NOTES:
1. REQUIRED FOR 2FT. OR GREATER DROP TO SANITARY OR COMBINED SEWER.
2. MINIMUM WALL THICKNESS IS 6" FOR CAST IN PLACE CONCRETE STRUCTURES AND 1/12 MANHOLE DIAMETER FOR PRECAST CONCRETE STRUCTURES.
3. CONCRETE FOR ENCASEMENT SHALL BE 4,000 PSI @ 28 DAYS.
4. FORCEMAIN FLOW NOT ALLOWED AS INCOMING SEWER, SEE FORCEMAIN DISCHARGE DETAIL.

DIAMETER (INCHES)	
D1	D2
6	8
8	8
10	8
12	8
15	10
18	12
21	15
24	18



STEEL PLATE DAM

NOTES:
1. PLATE AND FASTENERS MUST BE FABRICATED IN STAINLESS STEEL, DUCTILE IRON, OR EQUIVALENT WATERPROOF/WEATHER PROOF MATERIALS.
2. BOLTS TACK WELDED TO PLATE.
3. ANCHOR EMBEDMENT: 3" MIN.

NOT TO SCALE

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		DRAWN -	REVISED -
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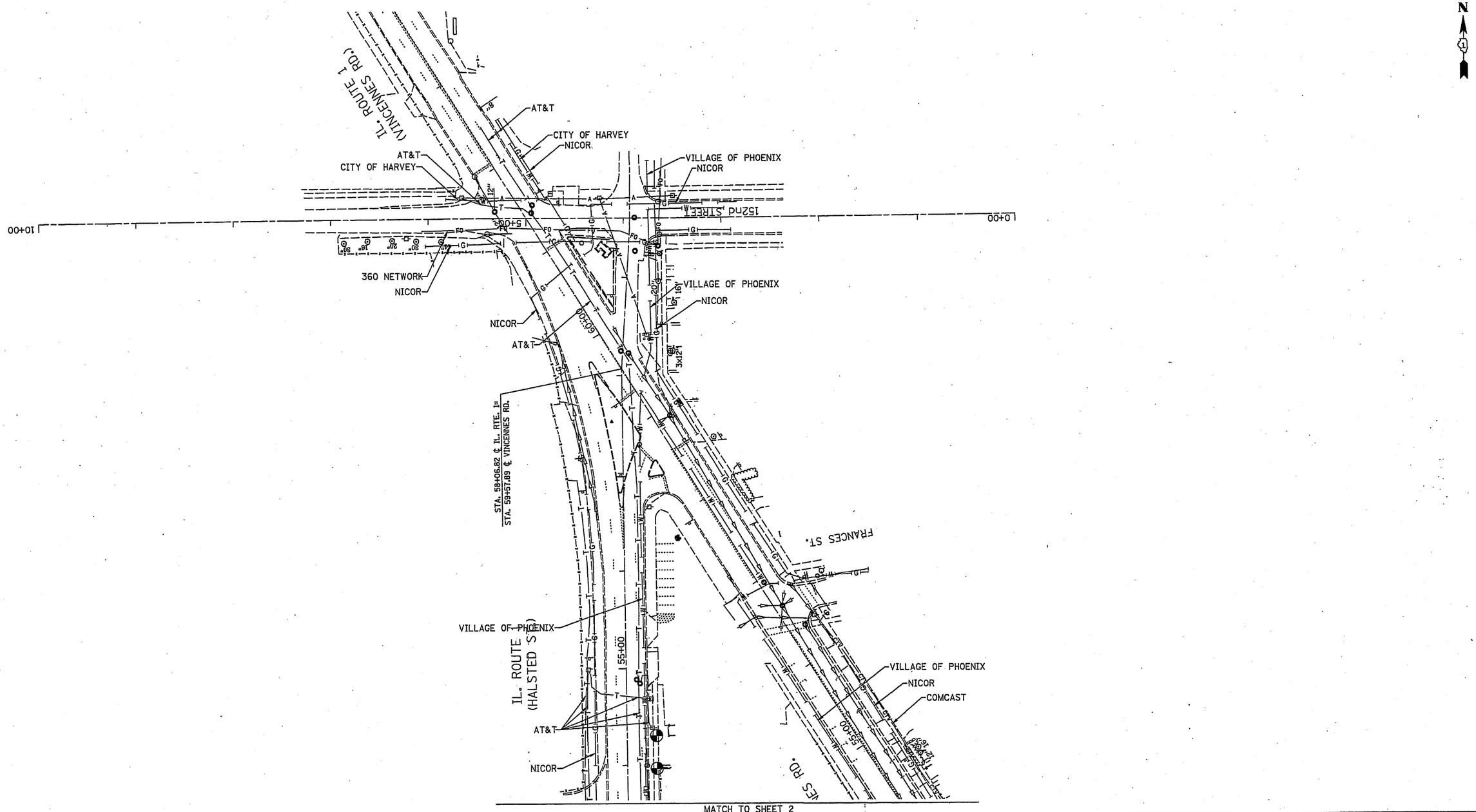
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL DROP MANHOLE CONNECTION DETAIL
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	59
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



AERIAL	A — A
UNKNOWN	— — — — —
CABLE TV	CTV — CTV
TELEPHONE	T — T
GAS	G — G
ELECTRIC	E — E
WATER	W — W
FIBER OPTIC	FO — FO
TBE TEST HOLE	⌖

UTILITY OWNERS

AT&T - TELEPHONE
CITY OF HARVEY - WATER
COMCAST - CABLE TV
COM-ED - ELECTRIC
NICOR - GAS
VILLAGE OF PHOENIX - WATER
360 NETWORK - FIBER OPTIC

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 12/13/13 through 12/23/13. Changes to utilities after 12/23/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

20 0 METERS 20 40
50 0 FEET 50 100

KENNETH F. SLANINKA, Jr. 062-055488 — LICENSED PROFESSIONAL ENGINEER — STATE OF ILLINOIS
signature 1/9/14 date
license expires 11-30-15

Cardno TBE

Dynasty Group
Engineers & Surveyors

TBE Job No. IL09510551
SUE Plan Page: 1 of 2

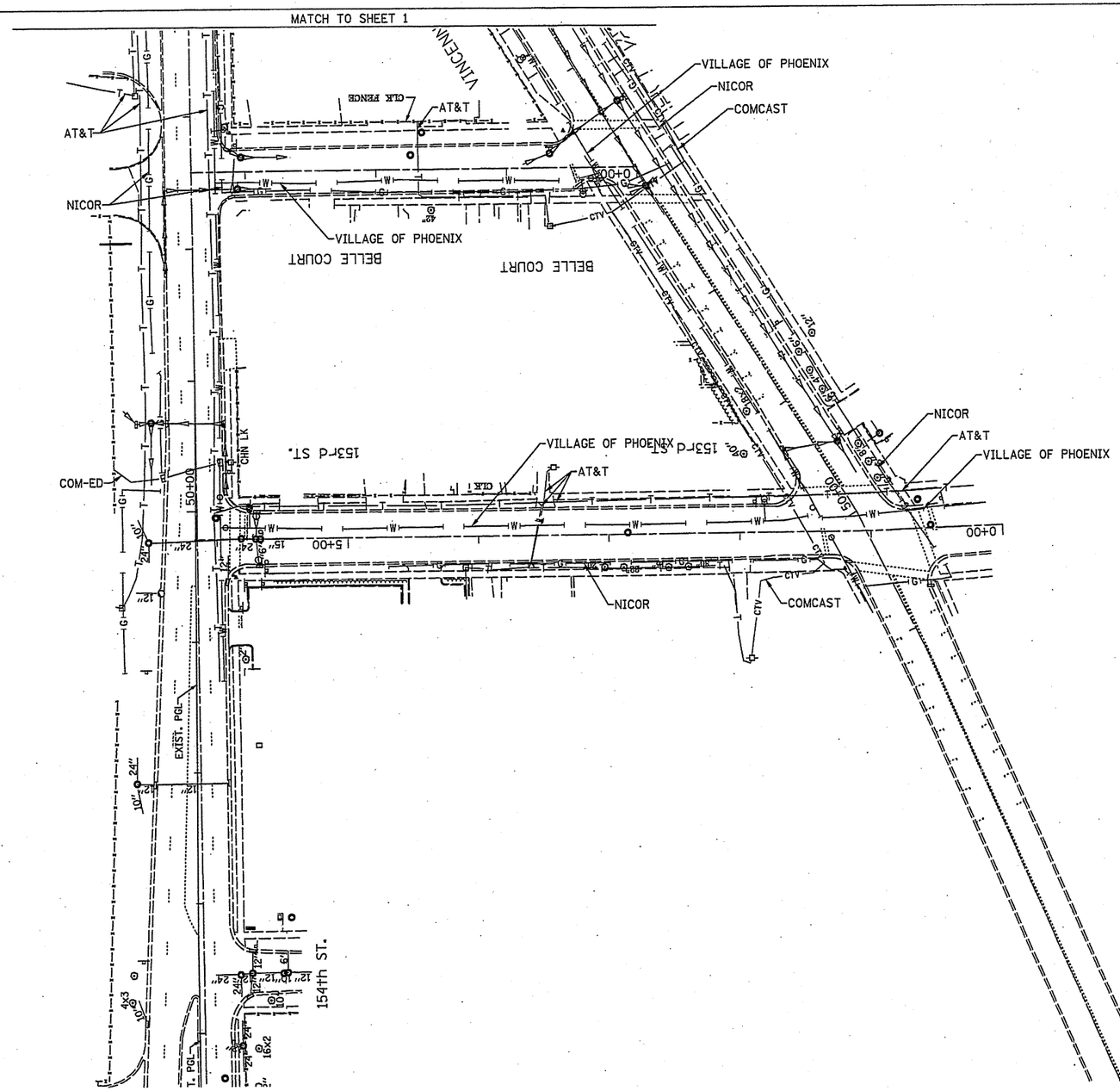
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED
DRAWN	SRK	REVISED
CHECKED	KFS	REVISED
DATE	1/8/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 1 at Vincennes Rd.
Phoenix, Illinois

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	60
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.		



A — A	AERIAL
- - - - - - - - - -	UNKNOWN
CTV — CTV	CABLE TV
T — T	TELEPHONE
G — G	GAS
E — E	ELECTRIC
W — W	WATER
FO — FO	FIBER OPTIC
⌖	TBE TEST HOLE

UTILITY OWNERS

AT&T - TELEPHONE
CITY OF HARVEY - WATER
COMCAST - CABLE TV
COM-ED - ELECTRIC
NICOR - GAS
VILLAGE OF PHOENIX - WATER
360 NETWORK - FIBER OPTIC

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

20 0 METERS 20 40
50 0 FEET 50 100

LICENSED PROFESSIONAL ENGINEER
KENNETH F. SLANINKA Jr.
062-055488
STATE OF ILLINOIS
signature
1/9/14
date
license expires 11-30-15

Cardno TBE

Dynasty Group
Engineers & Surveyors

TBE Job No. IL09510551
SUE Plan Page: 2 of 2

Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED
DRAWN	SRK	REVISED
CHECKED	KFS	REVISED
DATE	1/8/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 1 at Vincennes Rd.
Phoenix, Illinois

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	61
		CONTRACT NO. 60T20		
FED. ROAD DIST. NO.	ILLINOIS	IDOT Project No.		

STATE OF ILLINOIS

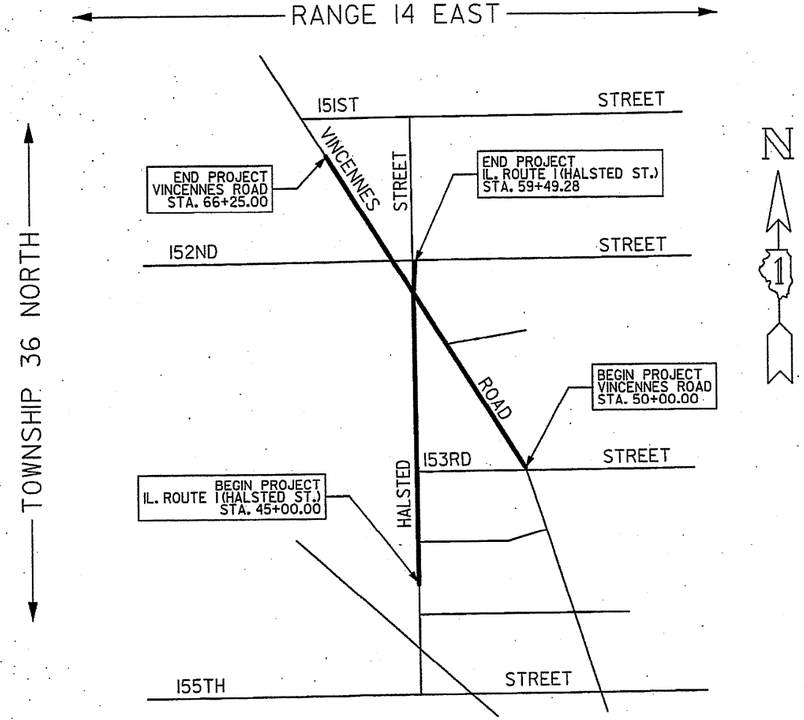
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

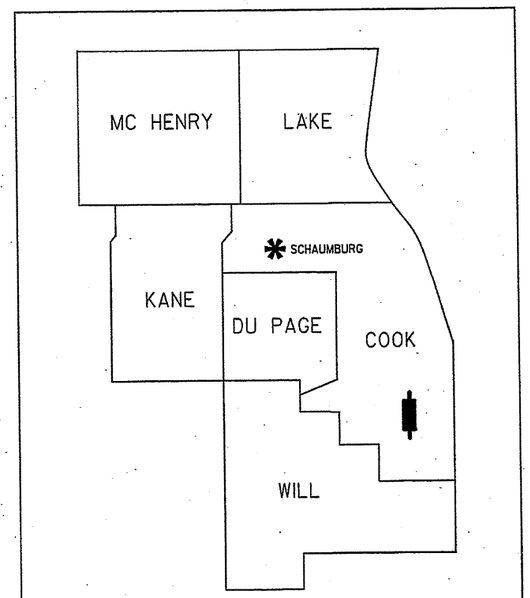
ROUTE: ILLINOIS ROUTE 1 (HALSTED STREET)
SECTION:
COUNTY: COOK
LIMITS: ILLINOIS ROUTE 1 AT VINCENNES ROAD
JOB NO.: R-90-003-13

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0JF0001TE	Chicago Title Land Trust Company as successor to LaSalle Bank, N.A., successor to American National Bank & Trust Company of Chicago as Trustee under Trust Agreement dated February 11, 1998 known as Trust No. 123885-00	4	
0JF0002TE	Chicago Title Land Trust Company as successor to First National Bank of Blue Island as Trustee under Trust Agreement dated October 1, 1981 known as Trust No. 81138	5	
0JF0003	Lawrence Gibson	6	



LOCATION MAP

PROJECT LENGTH = 1449.3 FT. = 0.274 MILES, IL. ROUTE 1 (HALSTED STREET)
PROJECT LENGTH = 1625.0 FT. = 0.308 MILES, IL. ROUTE 1 (VINCENNES ROAD)



DISTRICT HEADQUARTERS: -
LOCATION OF SECTION INDICATED THUS: -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Robinson ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

SS
RECEIVED
JUL 12 2013
PLATS & LEGALS

PART OF SECTION 16 AND SECTION 17 , TWP. 36 N., R. 14 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PARCEL INDEX NUMBER
0JF0001TE	(3.672)	N/A	N/A	N/A	(3.672)	(0.053)			29-17-214-036-0000

PROJECT COORDINATES FOR PROPOSED CENTERLINE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
10006	STA.=45+00.00	0.00' RIGHT	1801089.4760'	1174826.1460'
10001	STA.=50+00.00	0.00' RIGHT	1801589.4524'	1174821.3016'
10002	STA.=58+06.82	0.00' RIGHT	1802396.2301'	1174813.4849'
10002	STA.=59+57.89 *	0.00' RIGHT	1802396.2301'	1174813.4849'

* – DENOTES STATIONING FOR VINCENNES ROAD

LEGEND

SECTION CORNER (9 | 10 | 16 | 15)

QUARTER SECTION CORNER (16 – 15)

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

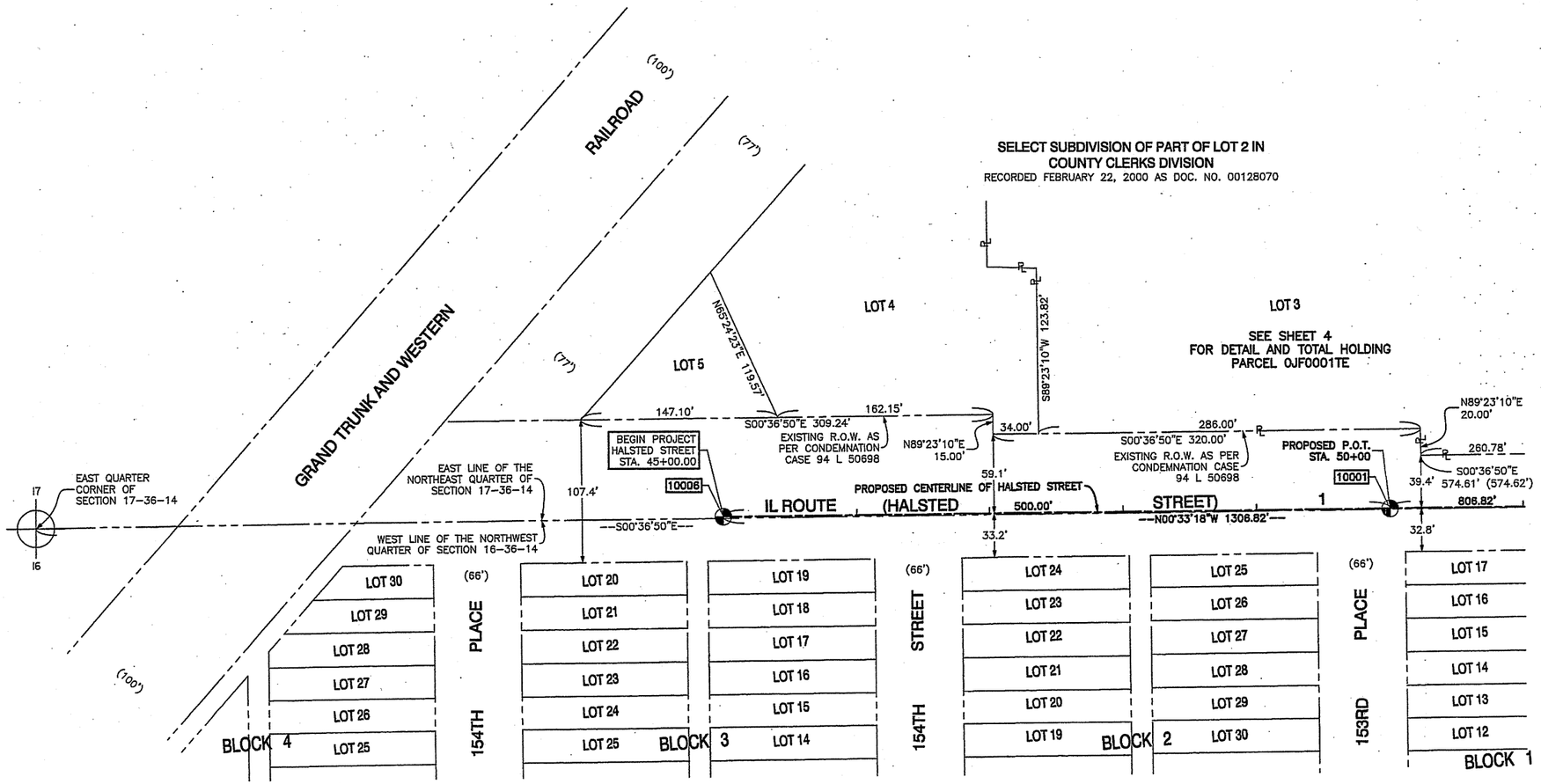
GRAPHIC SCALE FEET 0 50

SCALE: 1" = 50'

N

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 2007 ADJUSTMENT), EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ○ 5/8" REBAR SET
- ○ T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- • BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER. I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET



SUBDIVISION BY EUGENE CARY, TRUSTEE
RECORDED AUGUST 7, 1891 AS DOC. NO. 1516643

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, PHILLIP A. PATRICK, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, ROBINSON ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184001128,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16 AND 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 23RD DAY OF APRIL, 2013 A.D.

PHILLIP A. PATRICK 035-003637 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS SOUTH HOLLAND, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003837
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SS

RECEIVED
OCT 10 2013
PLATS & LEGALS

Robinson
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 2007 (N.A.D. '83 (2007)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon an average location for the length of the project having the following parameters:

WGS '84 North Latitude 41°36'44.30184"N
WGS '84 West Longitude 87°38'07.86632"W
WGS '84 Height 496.213 U.S. Feet
Orthometric Height 605.832 U.S. Feet (estimated utilizing Geoid '03)

Utilization of these parameters should yield a ground scale factor of 1.0000070633

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 1 AT VINCENNES ROAD

LIMITS:	COUNTY: COOK
SECTION:	JOB NO.: R-90-003-13
STATION 45+00.00	TO STATION 51+00.00
SCALE: 1"=50'	SHEET 02 OF 07

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: | REVISION | MADE BY

TOTAL SHEETS 121 SHEET NO. 63

SCANNED

SAVED: 1/2/2013 1:53:25 PM CMG NAME: M:\PROJECTS\2010\S10-01-913_IDOT_HARVEY_VINCENNES_AVENUE_HALSTED_STREET_ROW\DGN\Plan Sheets\S12-01-913_02_Plan.dgn

PART OF SECTION 16 AND SECTION 17, TWP. 36 N., R. 14 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PARCEL INDEX NUMBER
0JF0001TE	(3.672)	N/A	N/A	N/A	(3.672)	(0.053)			29-17-214-036-0000
0JF0002TE	(5.663)	N/A	N/A	N/A	(5.663)	(0.090)			29-17-214-034-0000
0JF0003	(0.435)	(0.001)	50.54	N/A	(0.434)	N/A			29-16-111-001-0000 29-16-111-002-0000 29-16-111-003-0000 29-16-111-004-0000

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
5000	STA.=56+63.00	32.05' RIGHT	1802252.7319'	1174846.9282'
5001	STA.=58+19.00 *	40.46' LEFT	1802257.2266'	1174853.5424'

* – DENOTES STATIONING FOR VINCENNES ROAD

PROJECT COORDINATES FOR PROPOSED CENTERLINE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
10006	STA.=45+00.00	0.00' RIGHT	1801089.4760'	1174826.1460'
10001	STA.=50+00.00	0.00' RIGHT	1801589.4524'	1174821.3016'
10002	STA.=58+06.82	0.00' RIGHT	1802396.2301'	1174813.4849'
10002	STA.=59+57.89 *	0.00' RIGHT	1802396.2301'	1174813.4849'
10003	STA.=59+49.28	0.00' RIGHT	1802538.4112'	1174822.4721'
10004	STA.=50+00.00 *	0.00' RIGHT	1801586.7083'	1175325.5625'
10007	STA.=66+25.00 *	0.00' RIGHT	1802960.0140'	1174456.8530'

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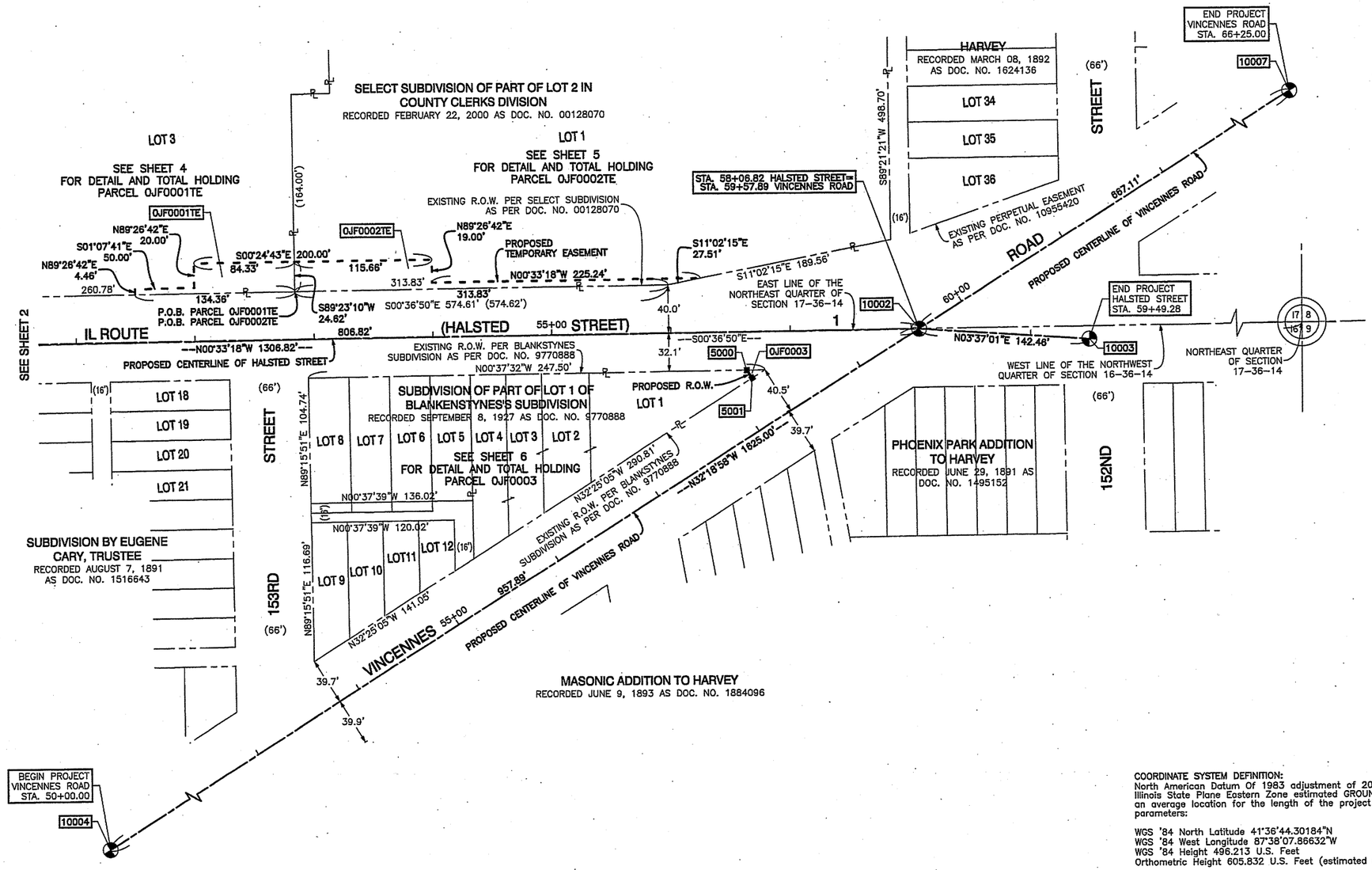

LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 15)

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 50 — SCALE: 1" = 50'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 2007 ADJUSTMENT), EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- ○ 5/8" REBAR SET
- ○ T1 / T2 / T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- • BT1 / BT2 / BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

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DATED AT SOUTH HOLLAND, ILLINOIS THIS 23RD DAY OF APRIL, 2013 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003837
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PHILLIP A. PATRICK 035-003837 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS SOUTH HOLLAND, ILLINOIS

Robinson
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

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RECEIVED
OCT 10 2013
PLATS & LEGALS

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 2007 (N.A.D. '83 (2007)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon an average location for the length of the project having the following parameters:

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WGS '84 Height 496.213 U.S. Feet
Orthometric Height 605.832 U.S. Feet (estimated utilizing Geoid '03)

Utilization of these parameters should yield a ground scale factor of 1.0000070633

REVISION DATE: REVISION MADE BY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 1 AT VINCENNES ROAD

LIMITS:	COUNTY: COOK
SECTION:	JOB NO.: R-90-003-13
STATION 51+00.00	TO STATION 59+49.28
SCALE: 1"=50'	SHEET 03 OF 07

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

TOTAL SHEETS 121 SHEET NO. 64

SCANNED

SAVED: 1/2/2013 1:53:25 PM DWG NAME: I:\PROJECTS\2010\S10-01-913_IDOT_HARVEY_VINCENNES_AVENUE_HALSTED_STREET_ROW\DGN\Plan Sheets\S12-01-913_02_Plan.dgn

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0JF0001TE	(3.672)	N/A	N/A	N/A	(3.672)	(0.053)			29-17-214-036-0000

PROJECT COORDINATES FOR PROPOSED CENTERLINE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
10006	STA.=45+00.00	0.00' RIGHT	1801089.4760'	1174826.1460'
10001	STA.=50+00.00	0.00' RIGHT	1801589.4524'	1174821.3016'
10002	STA.=58+06.82	0.00' RIGHT	1802396.2301'	1174813.4849'
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* – DENOTES STATIONING FOR VINCENNES ROAD

COORDINATE SYSTEM DEFINITION:
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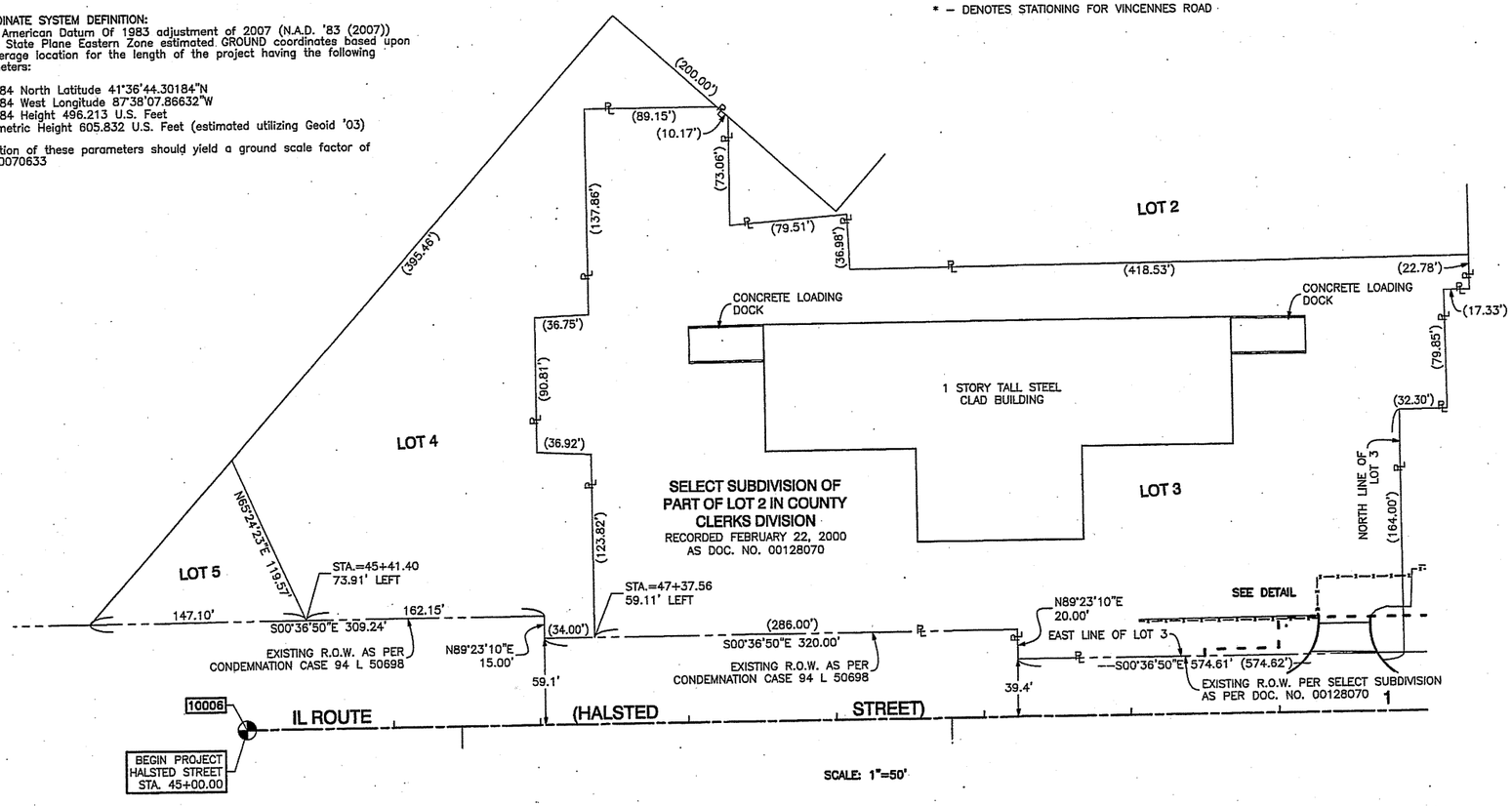
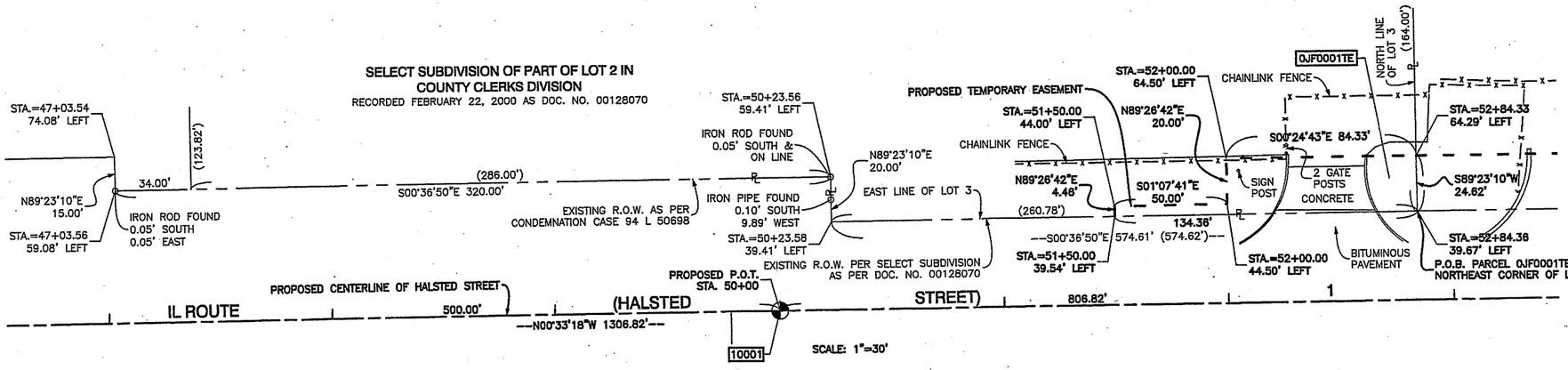


SCALE: 1"=50'



SCALE: 1"=30'

LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 15)

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
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- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 30
SCALE: 1" = 30'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 2007 ADJUSTMENT), EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
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- \+ CUT CROSS FOUND OR SET
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- ó T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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COUNTY OF COOK)

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DATED AT SOUTH HOLLAND, ILLINOIS THIS 23RD DAY OF APRIL, 2013 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003837
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014

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PHILLIP A. PATRICK 035-003837 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS SOUTH HOLLAND, ILLINOIS

Robinson
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

55

RECEIVED
OCT 10 2013
PLATS & LEGALS

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 1 AT VINCENNES ROAD

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-003-13
TOTAL HOLDING: 0JF0001TE
SCALE: 1"=30' SHEET 04 OF 07

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: REVISION MADE BY

TOTAL SHEETS 121 SHEET NO. 65

SCANNED

SAVED: 1/2/2013 1:53:25 PM DWG NAME: N:\PROJECTS\2010\S10-01-913_IDOT_HARVEY_VINCENNES_AVENUE_HALSTED_STREET_ROW\OBN\Plan Sheets\S12-01-913_02_Plan.dgn

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PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PARCEL INDEX NUMBER
0JF0002TE	(5.663)	N/A	N/A	N/A	(5.663)	(0.090)			29-17-214-034-0000

PROJECT COORDINATES FOR PROPOSED CENTERLINE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
10006	STA.=45+00.00	0.00' RIGHT	1801089.4760'	1174826.1460'
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10002	STA.=58+06.82	0.00' RIGHT	1802396.2301'	1174813.4849'
10002	STA.=59+57.89 *	0.00' RIGHT	1802396.2301'	1174813.4849'
10003	STA.=59+49.28	0.00' RIGHT	1802538.4112'	1174822.4721'
10004	STA.=50+00.00 *	0.00' RIGHT	1801586.7083'	1175325.5625'
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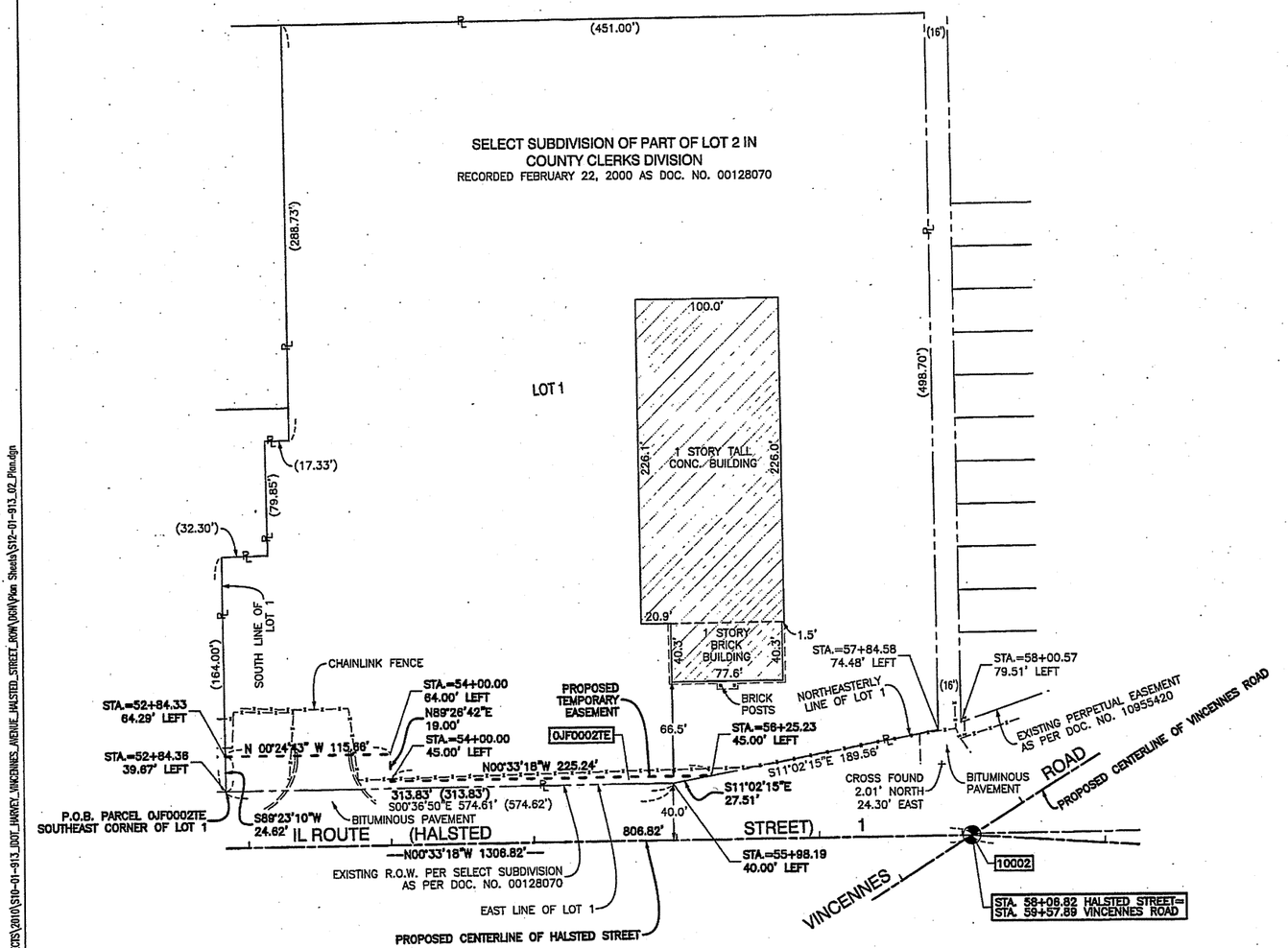

LEGEND

SECTION CORNER (9 10 / 16 15) — QUARTER SECTION CORNER (16 — 15)

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE (P)
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE (AC)
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- 129.32' MEASURED DIMENSION
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- EXISTING BUILDING

GRAPHIC SCALE FEET 0 50

SCALE: 1" = 50'

N

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- ○ IRON PIPE OR ROD FOUND
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(708) 331-6700

SS

RECEIVED
JUL 17 2013
PLATS & LEGALS

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REVISION DATE: REVISION MADE BY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 1 AT VINCENNES ROAD

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-003-13
TOTAL HOLDING: 0JF0002TE
SCALE: 1"=50' SHEET 05 OF 07

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

TOTAL SHEETS 121 SHEET NO. 66

SCANNED

SAVED: 1/2/2013 1:53:25 PM DWG NAME: M:\PROJECTS\2010\S10-01-913_IDOT_HARVEY_VINCENNES_MENUE_HALSTED_STREET_ROW\DGN\Plan Sheets\S12-01-913_02_Plan.dgn

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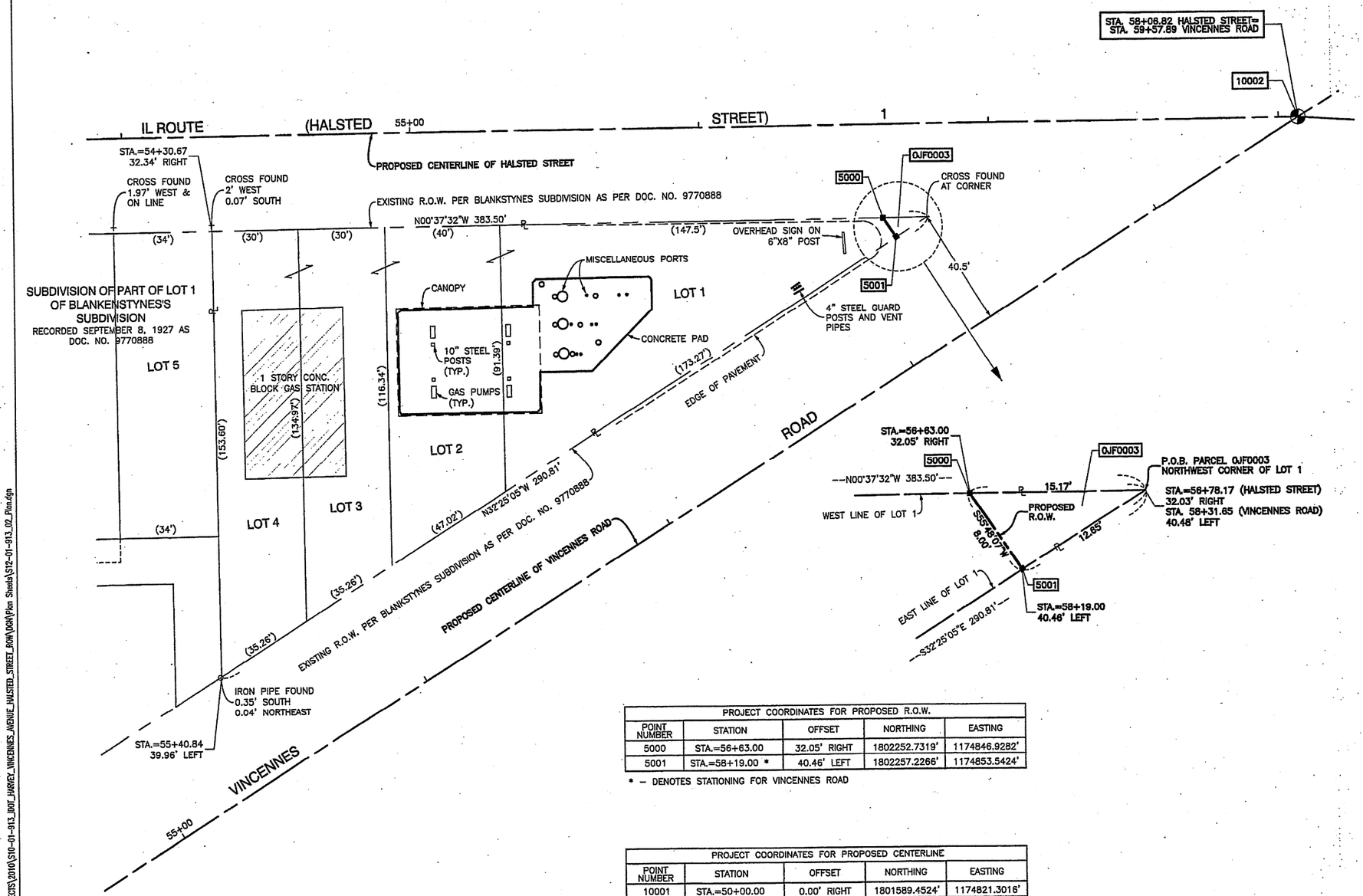

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
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PROJECT COORDINATES FOR PROPOSED CENTERLINE				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
10001	STA.=50+00.00	0.00' RIGHT	1801589.4524'	1174821.3016'
10002	STA.=58+06.82	0.00' RIGHT	1802396.2301'	1174813.4849'
10002	STA.=59+57.89 *	0.00' RIGHT	1802396.2301'	1174813.4849'
10004	STA.=50+00.00 *	0.00' RIGHT	1801586.7083'	1175325.5625'

* – DENOTES STATIONING FOR VINCENNES ROAD

LEGEND

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC EXISTING ACCESS CONTROL LINE
- AC PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE
FEET
0 20
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 2007 ADJUSTMENT), EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, PHILLIP A. PATRICK, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, ROBINSON ENGINEERING, LTD., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184001128,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16 AND 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SOUTH HOLLAND, ILLINOIS THIS 23RD DAY OF APRIL, 2013 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003837
LICENSE EXPIRATION DATE: NOVEMBER 30, 2014

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PHILLIP A. PATRICK
035-003837
PROFESSIONAL
LAND SURVEYOR
STATE OF
ILLINOIS
SOUTH HOLLAND, ILLINOIS

SS

RECEIVED
JUL 12 2013
PLATS & LEGALS

Robinson
ENGINEERING
17000 SOUTH PARK AVENUE
SOUTH HOLLAND, IL 60473
(708) 331-6700

COORDINATE SYSTEM DEFINITION:
North American Datum Of 1983 adjustment of 2007 (N.A.D. '83 (2007)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon an average location for the length of the project having the following parameters:

WGS '84 North Latitude 41°36'44.30184"N
WGS '84 West Longitude 87°39'07.86632"W
WGS '84 Height 496.213 U.S. Feet
Orthometric Height 605.832 U.S. Feet (estimated utilizing Geoid '03)

Utilization of these parameters should yield a ground scale factor of 1.0000070633

REVISION DATE: | REVISION | MADE BY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 1 AT VINCENNES ROAD

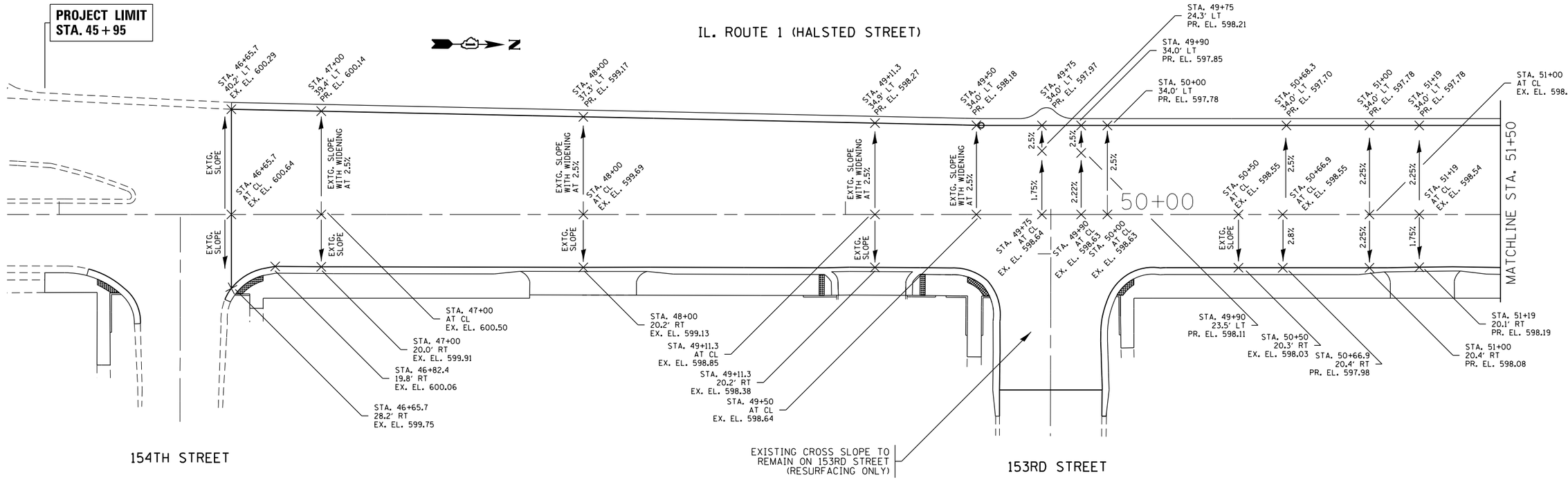
LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-003-13
TOTAL HOLDING: 0JF0003
SCALE: 1"=20' SHEET 06 OF 07

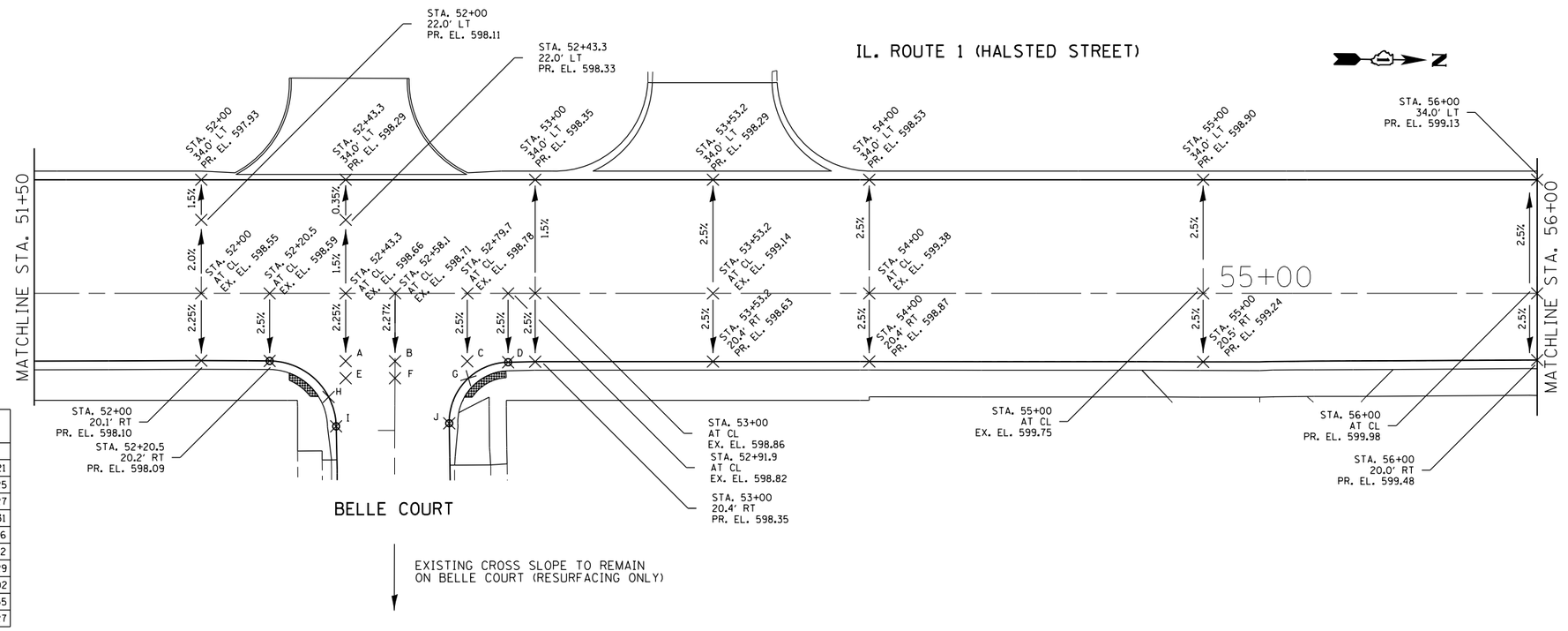
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

TOTAL SHEETS 121 SHEET NO. 67

SCANNED

SWGD: 1/2/2013 1:53:25 PM DWG NAME: M:\PROJECTS\2010\S10-01-913_IDOT_HARVEY_VINCENNES_AVENUE_HALSTED_STREET_ROW\DGN\Plan Sheets\S12-01-913_02_Plan.dgn





HALSTED STREET AT BELLE COURT INTERSECTION GRADING

LETTER	STATION	OFFSET	ELEVATION
A	52+43.3	20.3' RT	PR. EL. 598.21
B	52+58	20.3' RT	PR. EL. 598.25
C	52+79.7	20.3' RT	PR. EL. 598.27
D	52+91.9	20.6' RT	PR. EL. 598.31
E	52+43.3	25.4' RT	EX. EL. 598.16
F	52+58	25.4' RT	EX. EL. 598.12
G	52+80	25.4' RT	PR. EL. 598.29
H	52+38.1	31.0' RT	PR. EL. 598.02
I	52+40.4	39.8' RT	EX. EL. 598.35
J	52+74.3	38.9' RT	EX. EL. 598.27

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	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLANS
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1:20 | SHEET OF SHEETS | STA. | TO STA.

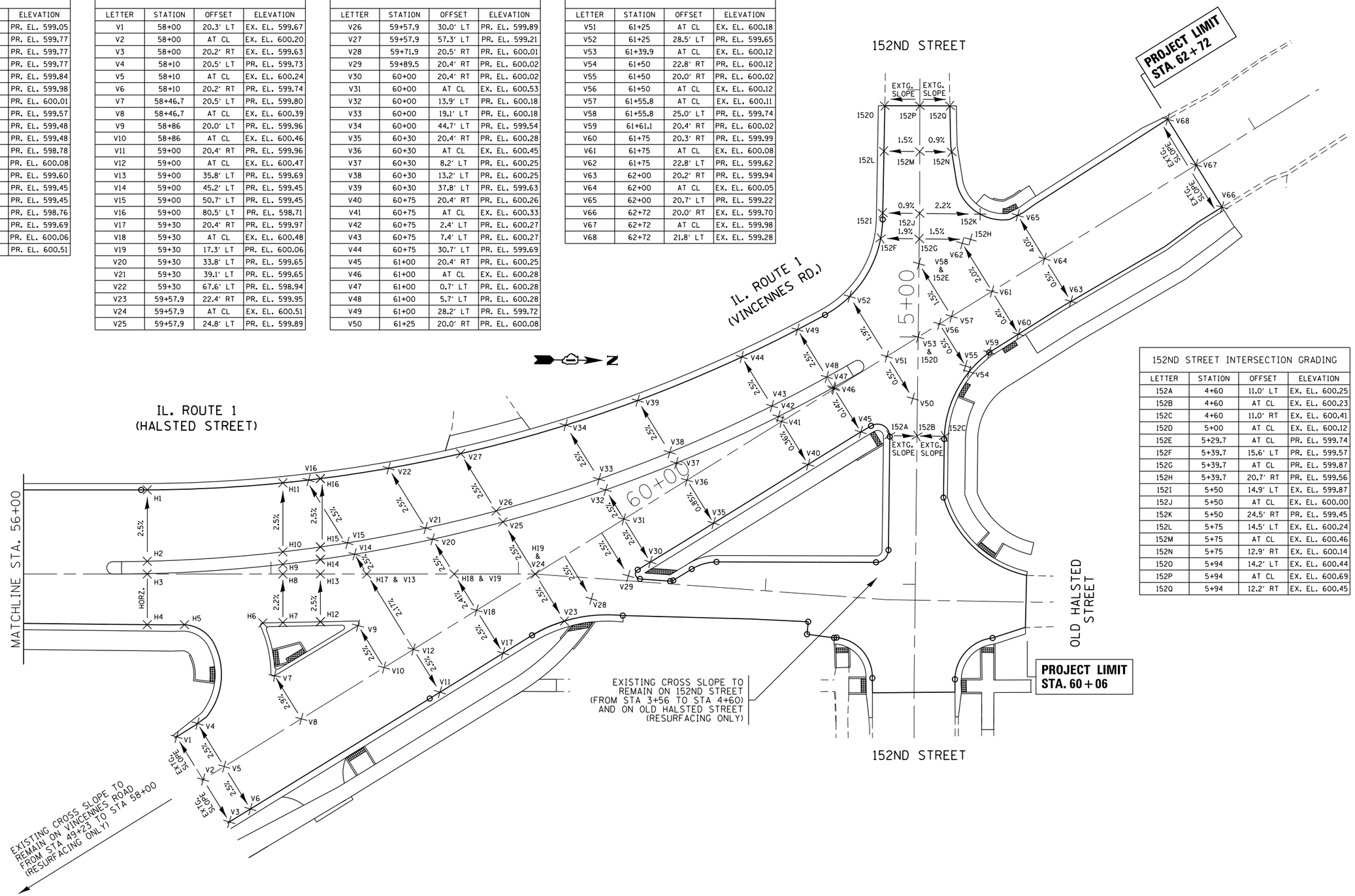
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	68
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

HALSTED STREET INTERSECTION GRADING			
LETTER	STATION	OFFSET	ELEVATION
H1	56+50	34.0' LT	PR. EL. 599.05
H2	56+50	5.2' LT	PR. EL. 599.77
H3	56+50	AT CL	PR. EL. 599.77
H4	56+50	20.5' RT	PR. EL. 599.77
H5	56+65	20.5' RT	PR. EL. 599.84
H6	56+96.7	19.8' RT	PR. EL. 599.98
H7	57+04.8	19.6' RT	PR. EL. 600.01
H8	57+04.8	AT CL	PR. EL. 599.57
H9	57+04.8	4.0' LT	PR. EL. 599.48
H10	57+04.8	9.0' LT	PR. EL. 599.48
H11	57+04.8	36.9' LT	PR. EL. 598.78
H12	57+20	19.3' RT	PR. EL. 600.08
H13	57+20	AT CL	PR. EL. 599.60
H14	57+20	5.9' LT	PR. EL. 599.45
H15	57+20	10.9' LT	PR. EL. 599.45
H16	57+20	38.6' LT	PR. EL. 598.76
H17	57+38.7	AT CL	PR. EL. 599.69
H18	57+74	AT CL	PR. EL. 600.06
H19	58+06.8	AT CL	PR. EL. 600.51

VINCENNES ROAD INTERSECTION GRADING			
LETTER	STATION	OFFSET	ELEVATION
V1	58+00	20.3' LT	EX. EL. 599.67
V2	58+00	AT CL	EX. EL. 600.20
V3	58+00	20.2' RT	EX. EL. 599.63
V4	58+10	20.5' LT	PR. EL. 599.73
V5	58+10	AT CL	EX. EL. 600.24
V6	58+10	20.2' RT	PR. EL. 599.74
V7	58+46.7	20.5' LT	PR. EL. 599.80
V8	58+46.7	AT CL	EX. EL. 600.39
V9	58+86	20.0' LT	PR. EL. 599.96
V10	58+86	AT CL	EX. EL. 600.46
V11	59+00	20.4' RT	PR. EL. 599.96
V12	59+00	AT CL	EX. EL. 600.47
V13	59+00	35.8' LT	PR. EL. 599.69
V14	59+00	45.2' LT	PR. EL. 599.45
V15	59+00	50.7' LT	PR. EL. 599.45
V16	59+00	80.5' LT	PR. EL. 598.71
V17	59+30	20.4' RT	PR. EL. 599.97
V18	59+30	AT CL	EX. EL. 600.48
V19	59+30	17.3' LT	PR. EL. 600.06
V20	59+30	33.8' LT	PR. EL. 599.65
V21	59+30	39.1' LT	PR. EL. 599.65
V22	59+30	67.6' LT	PR. EL. 598.94
V23	59+57.9	22.4' RT	PR. EL. 599.95
V24	59+57.9	AT CL	EX. EL. 600.51
V25	59+57.9	24.8' LT	PR. EL. 599.89

VINCENNES ROAD INTERSECTION GRADING			
LETTER	STATION	OFFSET	ELEVATION
V26	59+57.9	30.0' LT	PR. EL. 599.89
V27	59+57.9	57.3' LT	PR. EL. 599.21
V28	59+71.9	20.5' RT	PR. EL. 600.01
V29	59+89.5	20.4' RT	PR. EL. 600.02
V30	60+00	20.4' RT	PR. EL. 600.02
V31	60+00	AT CL	EX. EL. 600.53
V32	60+00	13.9' LT	PR. EL. 600.18
V33	60+00	19.1' LT	PR. EL. 600.18
V34	60+00	44.7' LT	PR. EL. 599.54
V35	60+30	20.4' RT	PR. EL. 600.28
V36	60+30	AT CL	EX. EL. 600.45
V37	60+30	8.2' LT	PR. EL. 600.25
V38	60+30	13.2' LT	PR. EL. 600.25
V39	60+30	37.8' LT	PR. EL. 599.63
V40	60+75	20.4' RT	PR. EL. 600.26
V41	60+75	AT CL	EX. EL. 600.33
V42	60+75	2.4' LT	PR. EL. 600.27
V43	60+75	7.4' LT	PR. EL. 600.27
V44	60+75	30.7' LT	PR. EL. 599.69
V45	61+00	20.4' RT	PR. EL. 600.25
V46	61+00	AT CL	EX. EL. 600.28
V47	61+00	0.7' LT	PR. EL. 600.28
V48	61+00	5.7' LT	PR. EL. 600.28
V49	61+00	28.2' LT	PR. EL. 599.72
V50	61+25	20.0' RT	PR. EL. 600.08

VINCENNES ROAD INTERSECTION GRADING			
LETTER	STATION	OFFSET	ELEVATION
V51	61+25	AT CL	EX. EL. 600.18
V52	61+25	28.5' LT	PR. EL. 599.65
V53	61+39.9	AT CL	EX. EL. 600.12
V54	61+50	22.8' RT	PR. EL. 600.12
V55	61+50	20.0' RT	PR. EL. 600.02
V56	61+50	AT CL	EX. EL. 600.12
V57	61+55.8	AT CL	EX. EL. 600.11
V58	61+55.8	25.0' LT	PR. EL. 599.74
V59	61+61.1	20.4' RT	PR. EL. 600.02
V60	61+75	20.3' RT	PR. EL. 599.99
V61	61+75	AT CL	EX. EL. 600.08
V62	61+75	22.8' LT	PR. EL. 599.62
V63	62+00	20.2' RT	PR. EL. 599.94
V64	62+00	AT CL	EX. EL. 600.05
V65	62+00	20.7' LT	PR. EL. 599.22
V66	62+72	20.0' RT	EX. EL. 599.70
V67	62+72	AT CL	EX. EL. 599.98
V68	62+72	21.8' LT	EX. EL. 599.28



152ND STREET INTERSECTION GRADING			
LETTER	STATION	OFFSET	ELEVATION
152A	4+60	11.0' LT	EX. EL. 600.25
152B	4+60	AT CL	EX. EL. 600.23
152C	4+60	11.0' RT	EX. EL. 600.41
152D	5+00	AT CL	EX. EL. 600.12
152E	5+29.7	AT CL	PR. EL. 599.74
152F	5+39.7	15.6' LT	PR. EL. 599.57
152G	5+39.7	AT CL	PR. EL. 599.87
152H	5+39.7	20.7' RT	PR. EL. 599.56
152I	5+50	14.9' LT	EX. EL. 599.87
152J	5+50	AT CL	EX. EL. 600.00
152K	5+50	24.5' RT	PR. EL. 599.45
152L	5+75	14.5' LT	EX. EL. 600.24
152M	5+75	AT CL	EX. EL. 600.46
152N	5+75	12.9' RT	EX. EL. 600.14
152O	5+94	14.2' LT	EX. EL. 600.44
152P	5+94	AT CL	EX. EL. 600.69
152Q	5+94	12.2' RT	EX. EL. 600.45

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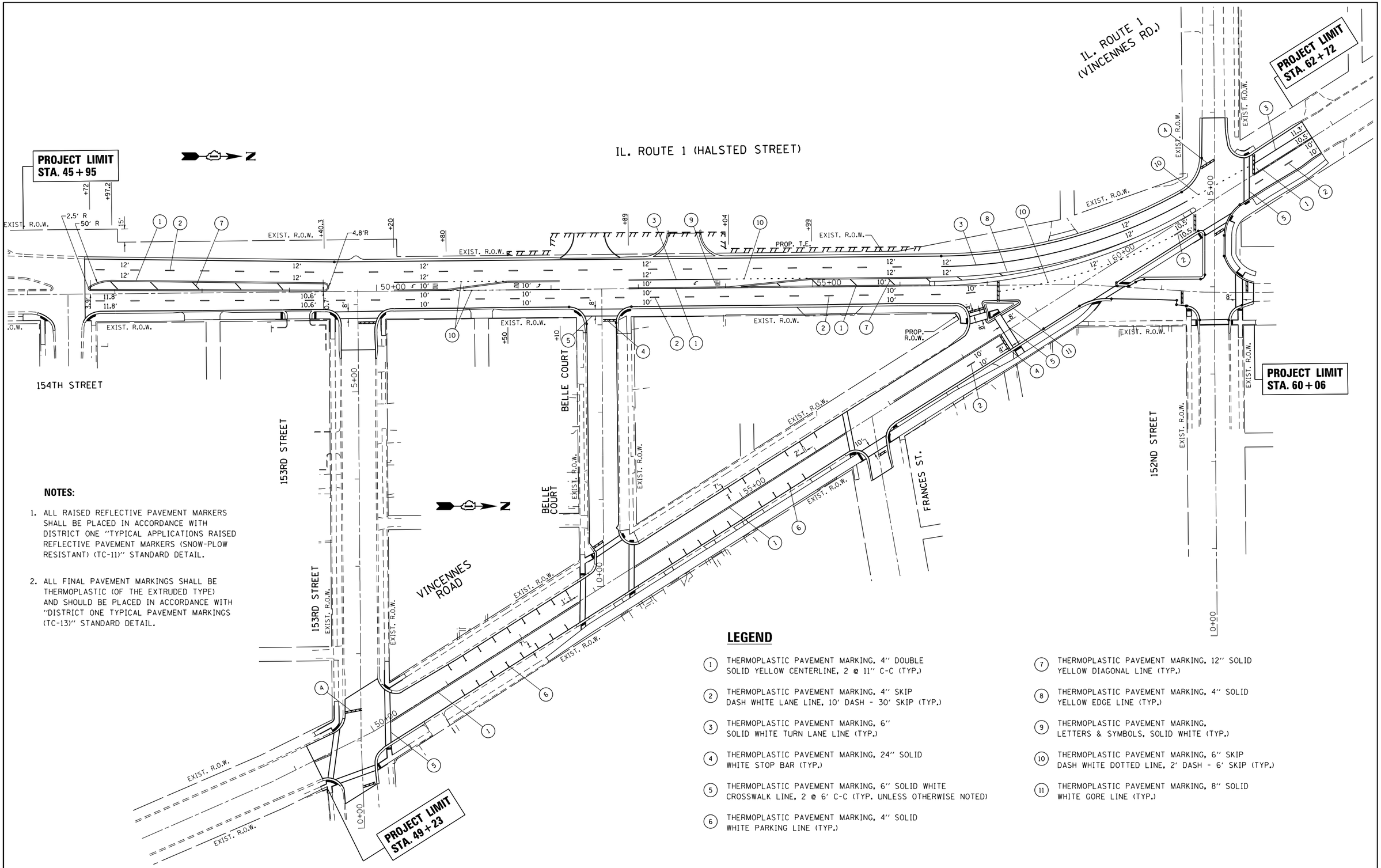
	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
Default		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLANS
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1:20 | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	69
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)" STANDARD DETAIL.

2. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)" STANDARD DETAIL.

LEGEND

1. THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
2. THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
3. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)
4. THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
5. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
6. THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE PARKING LINE (TYP.)
7. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)
8. THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.)
9. THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)
10. THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE DOTTED LINE, 2' DASH - 6' SKIP (TYP.)
11. THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)

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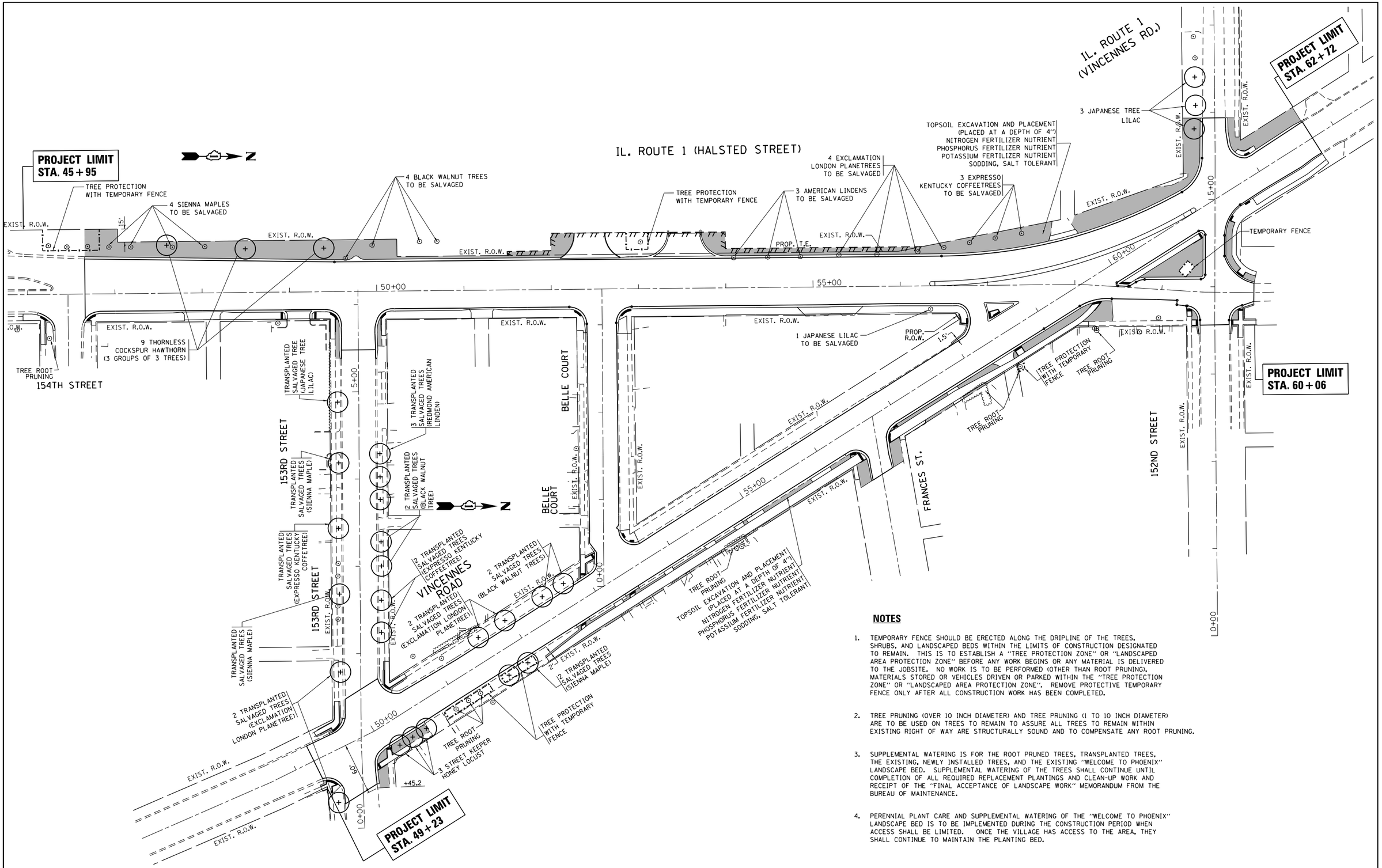
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"= 50' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	70
		CONTRACT NO. 60T20		
	ILLINOIS	FED. AID PROJECT		



NOTES

1. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF THE TREES, SHRUBS, AND LANDSCAPED BEDS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN. THIS IS TO ESTABLISH A "TREE PROTECTION ZONE" OR "LANDSCAPED AREA PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" OR "LANDSCAPED AREA PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

2. TREE PRUNING (OVER 10 INCH DIAMETER) AND TREE PRUNING (1 TO 10 INCH DIAMETER) ARE TO BE USED ON TREES TO REMAIN TO ASSURE ALL TREES TO REMAIN WITHIN EXISTING RIGHT OF WAY ARE STRUCTURALLY SOUND AND TO COMPENSATE ANY ROOT PRUNING.

3. SUPPLEMENTAL WATERING IS FOR THE ROOT PRUNED TREES, TRANSPLANTED TREES, THE EXISTING, NEWLY INSTALLED TREES, AND THE EXISTING "WELCOME TO PHOENIX" LANDSCAPE BED. SUPPLEMENTAL WATERING OF THE TREES SHALL CONTINUE UNTIL COMPLETION OF ALL REQUIRED REPLACEMENT PLANTINGS AND CLEAN-UP WORK AND RECEIPT OF THE "FINAL ACCEPTANCE OF LANDSCAPE WORK" MEMORANDUM FROM THE BUREAU OF MAINTENANCE.

4. PERENNIAL PLANT CARE AND SUPPLEMENTAL WATERING OF THE "WELCOME TO PHOENIX" LANDSCAPE BED IS TO BE IMPLEMENTED DURING THE CONSTRUCTION PERIOD WHEN ACCESS SHALL BE LIMITED. ONCE THE VILLAGE HAS ACCESS TO THE AREA, THEY SHALL CONTINUE TO MAINTAIN THE PLANTING BED.

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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 6/22/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LANDSCAPING PLAN
IL. ROUTE 1 AT VINCENNES ROAD

SCALE: 1"= 50' | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	71
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
CONTROLLER CABINET	R		
RAILROAD CONTROL CABINET			
COMMUNICATIONS CABINET	R CC	E C C	CC
MASTER CONTROLLER		EMC	MC
MASTER MASTER CONTROLLER		EMMC	MMC
UNINTERRUPTABLE POWER SUPPLY	R UPS	EUPS	UPS
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	R	P	P
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT	R T	P T	P T
STEEL MAST ARM ASSEMBLY AND POLE	R		
ALUMINUM MAST ARM ASSEMBLY AND POLE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA	R PTZ	PTZ	PTZ
SIGNAL POST	R		
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM	R		
GUY WIRE	R		
SIGNAL HEAD	R		
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)			2
SIGNAL HEAD WITH BACKPLATE	R		
SIGNAL HEAD OPTICALLY PROGRAMMED	R "P"	"P"	"P"
FLASHER INSTALLATION (S DENOTES SOLAR POWER)	R "F"	"F"	"F"
PEDESTRIAN SIGNAL HEAD	R		
PEDESTRIAN PUSHBUTTON DETECTOR	R		
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR	R APS	APS	APS
ILLUMINATED SIGN "NO LEFT TURN"	R		
ILLUMINATED SIGN "NO RIGHT TURN"	R		
DETECTOR LOOP, TYPE I			
PREFORMED DETECTOR LOOP		P	P
MICROWAVE VEHICLE SENSOR	R M	M	M
VIDEO DETECTION CAMERA	R V	V	V
VIDEO DETECTION ZONE			
PAN, TILT, ZOOM CAMERA	R PTZ	PTZ	PTZ
WIRELESS DETECTOR SENSOR	R W	W	W
WIRELESS ACCESS POINT	R		

ITEM	REMOVAL	EXISTING	PROPOSED
EMERGENCY VEHICLE LIGHT DETECTOR	R		
CONFIRMATION BEACON	R		
HANDHOLE	R		
HEAVY DUTY HANDHOLE	R H	H	H
DOUBLE HANDHOLE	R		
JUNCTION BOX	R		
UNDERGROUND CONDUIT, GALVANIZED STEEL (UC)			
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE	R		
COMMON TRENCH			CT
COILABLE NONMETALLIC CONDUIT (EMPTY)			CNC
SYSTEM ITEM		S	S
INTERSECTION ITEM		I	IP
REMOVE ITEM	R		
RELOCATE ITEM	RL		
ABANDON ITEM	A		
12" (300mm) TRAFFIC SIGNAL SECTION		R	R
12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE		R Y G	
SIGNAL FACE		R Y G ◄Y ◄G	R Y G ◄Y ◄G
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD "RB" INDICATES REFLECTIVE BACKPLATE		R Y G ◄Y ◄G "P"	R Y G ◄Y ◄G "P"
12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL		DW W	
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED			
12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID			
PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER		C D	C D
RADIO INTERCONNECT	R		
RADIO REPEATER	R ERR	ERR	RR
DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED		5	5
GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)		1	1

ITEM	REMOVAL	EXISTING	PROPOSED
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE		1	1
COAXIAL CABLE		C	C
VENDOR CABLE FOR CAMERA		V	V
COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED		6	6
FIBER OPTIC CABLE NO. 62.5/125, MM12F		12F	
FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F		24F	24F
FIBER OPTIC CABLE NO. 62.5/125, MM12F SM24F		36F	36F
GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE		C	C
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED	RCF		
STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED	RMF		
ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED	RMF		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED	RMF		
SIGNAL POST AND FOUNDATION TO BE REMOVED	RPF		
INTERSECTION & SAMPLING (SYSTEM) DETECTOR		IS	IS
SAMPLING (SYSTEM) DETECTOR		S	S
QUEUE DETECTOR		Q	Q
PREFORMED QUEUE DETECTOR		PQ	PQ
PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		PIS	PIS
PREFORMED SAMPLING (SYSTEM) DETECTOR		PS	PS

RAILROAD SYMBOLS

	EXISTING	PROPOSED
RAILROAD CONTROL CABINET		
RAILROAD CANTILEVER MAST ARM		
FLASHING SIGNAL		
CROSSING GATE		
CROSSBUCK		

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	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -	
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 1 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	72
	TS-05	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

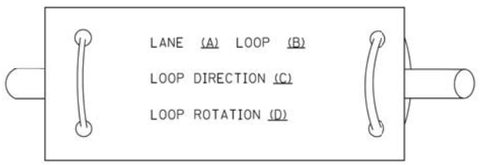
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

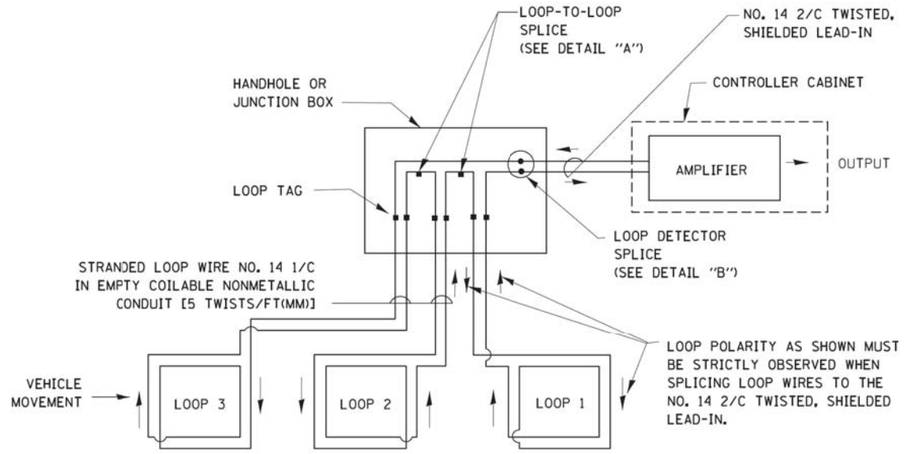


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

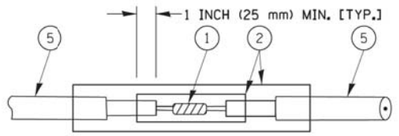
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

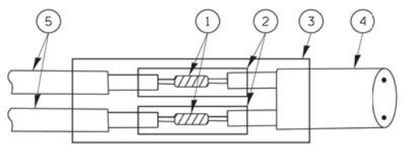


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

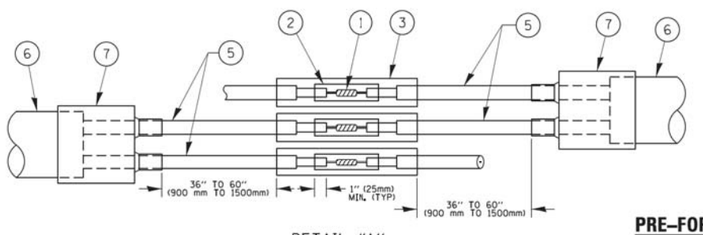


DETAIL "A"
LOOP-TO-LOOP SPLICE



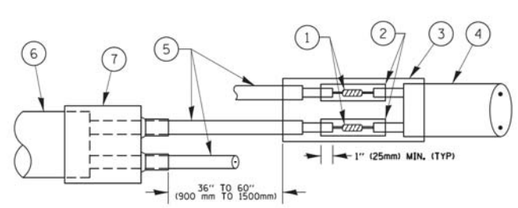
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	73
	TS-05	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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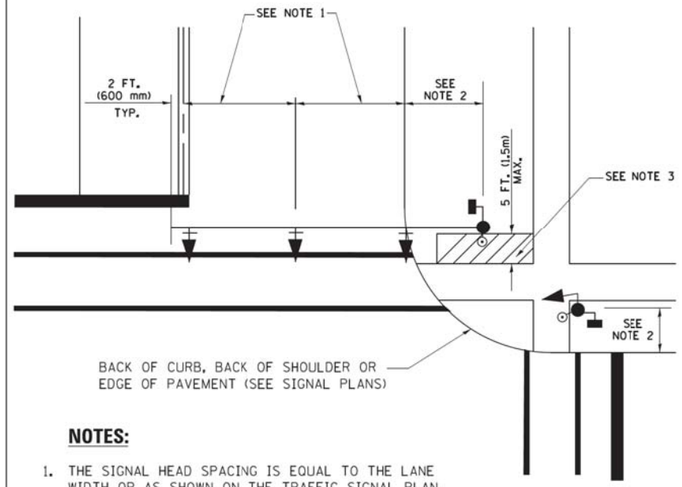
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

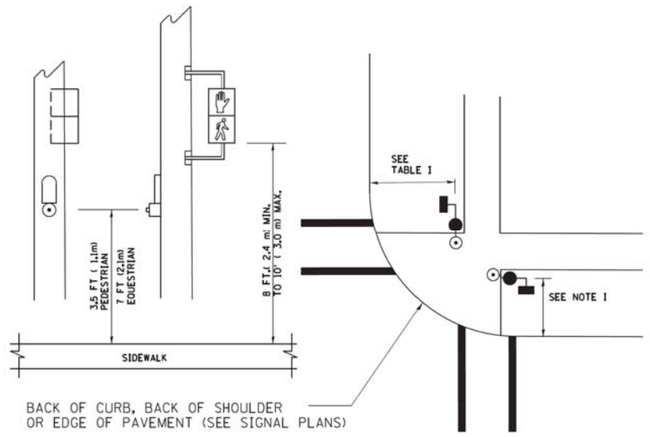
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

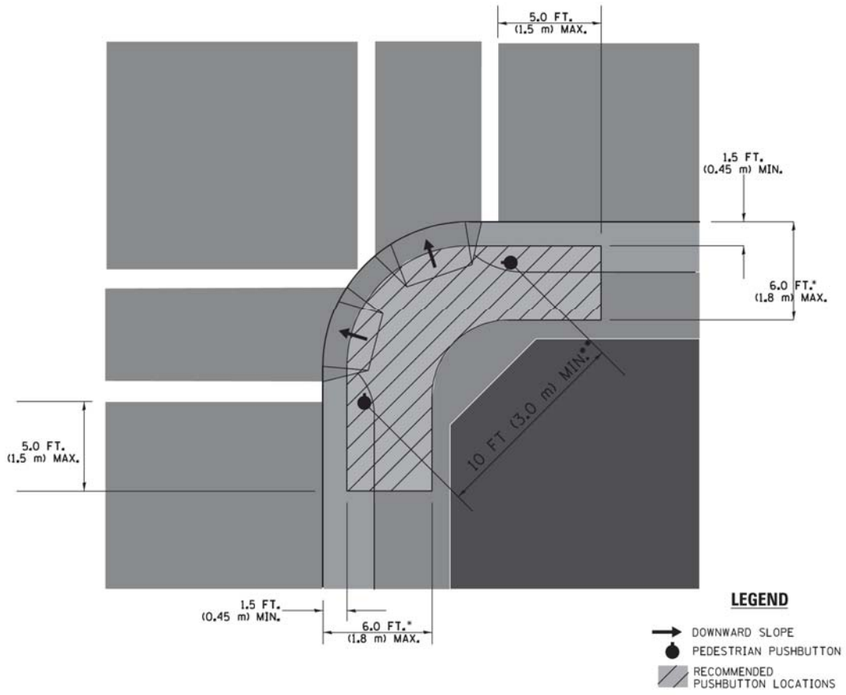
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 3 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	74
	TS-05	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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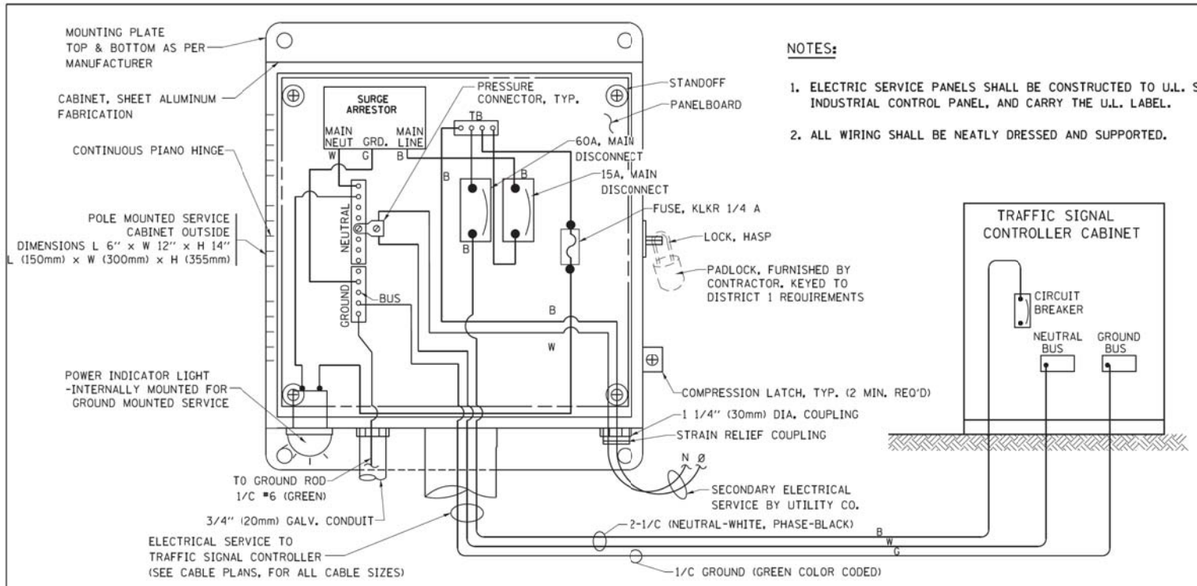
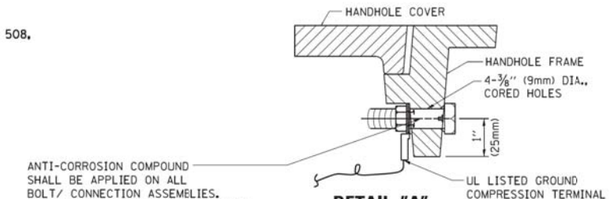


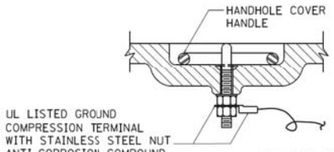
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)



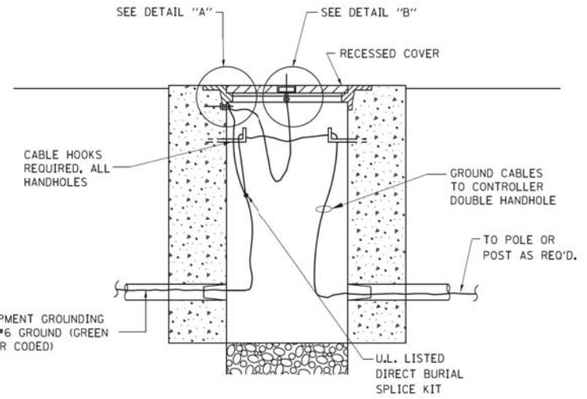
DETAIL "A"



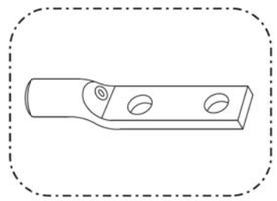
DETAIL "B"

NOTES:
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)

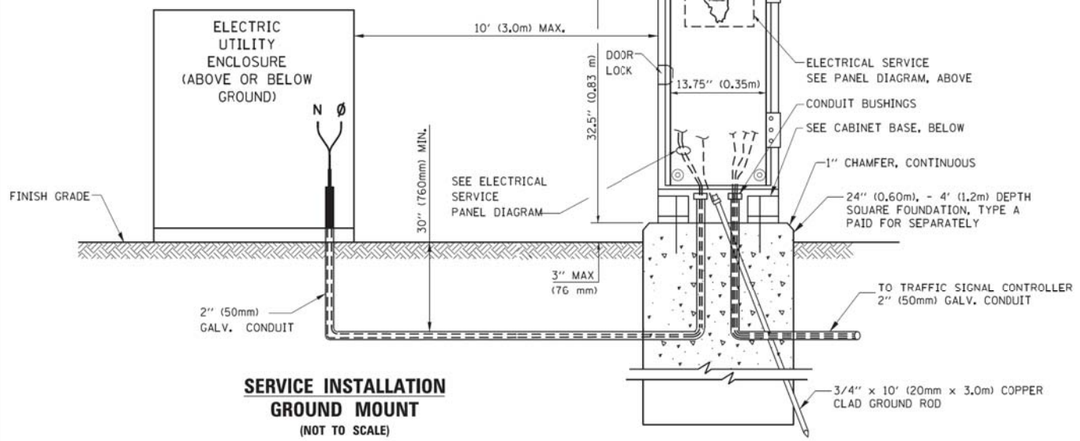


HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)

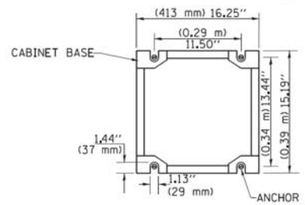
¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

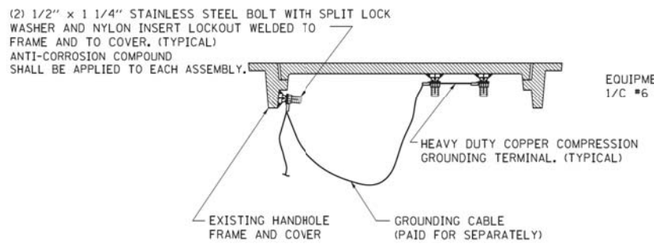
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



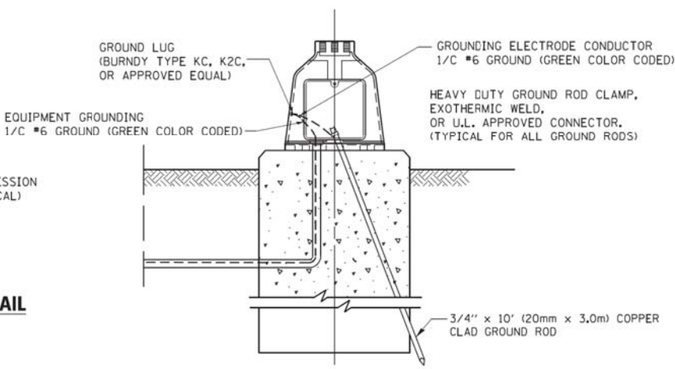
SERVICE INSTALLATION GROUND MOUNT
(NOT TO SCALE)



CABINET – BASE BOLT PATTERN
(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



MAST ARM POLE / POST–GROUNDING DETAIL
(NOT TO SCALE)

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	PLOT SCALE = 50.0000 ' / in.	DRAWN - BCK	REVISED -			3730	3262N-1	COOK	121	75
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -				TS-05		CONTRACT NO. 60T20	
		DATE - 10-28-09	REVISED -		SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

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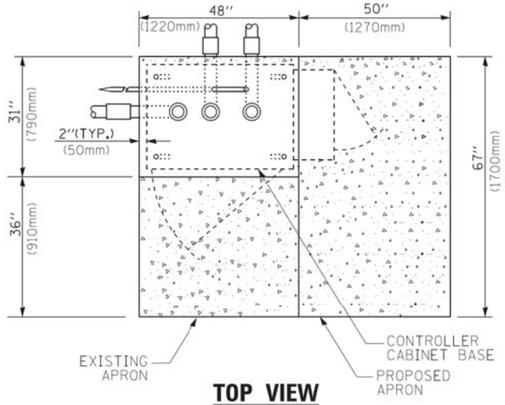
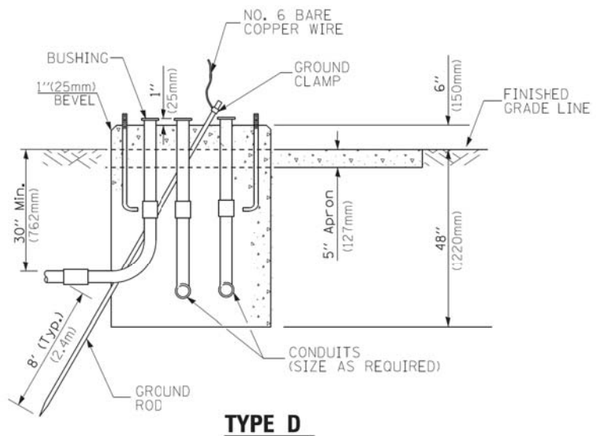
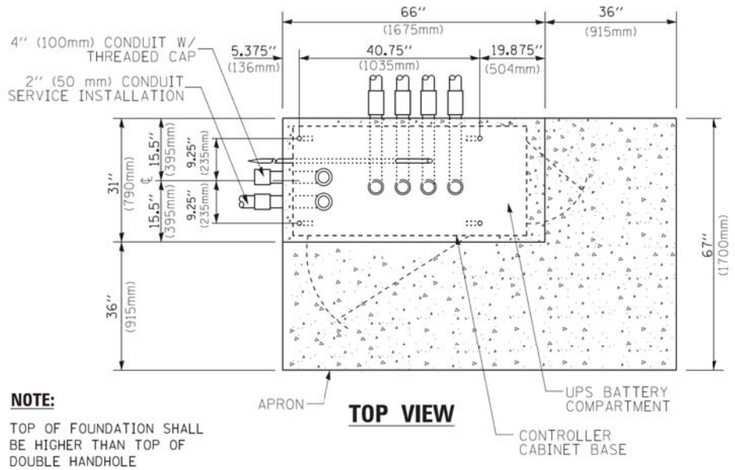


TOP VIEW



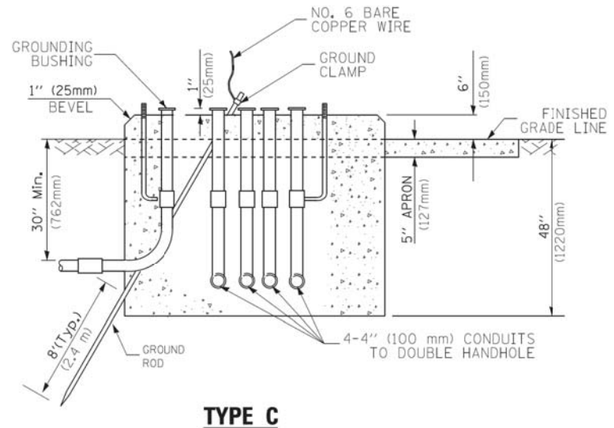
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



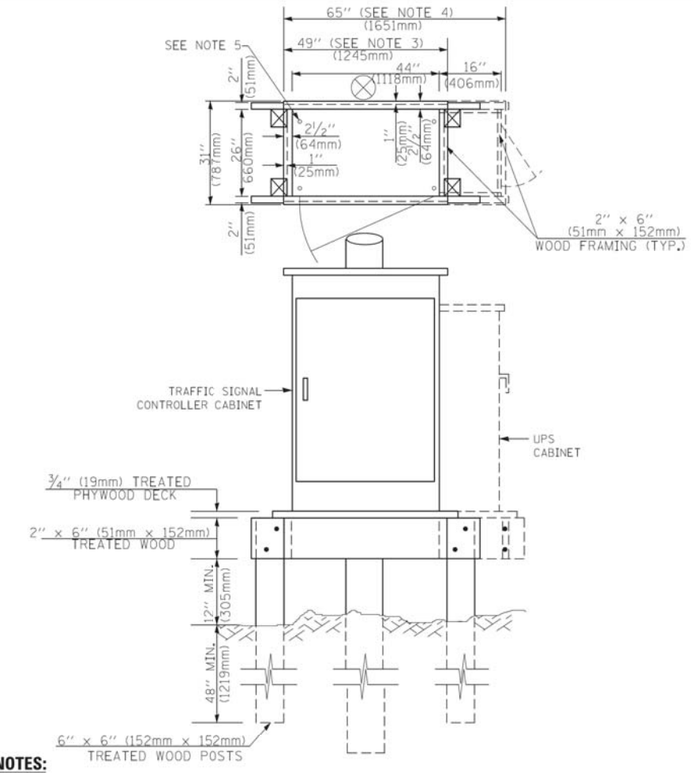
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	76
	TS-05	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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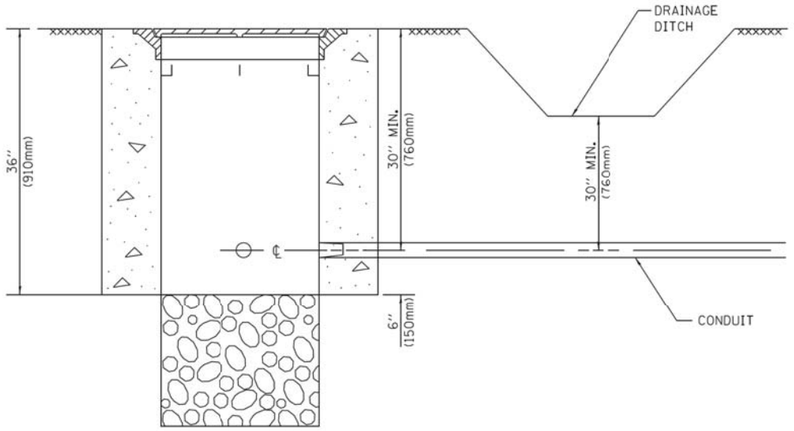
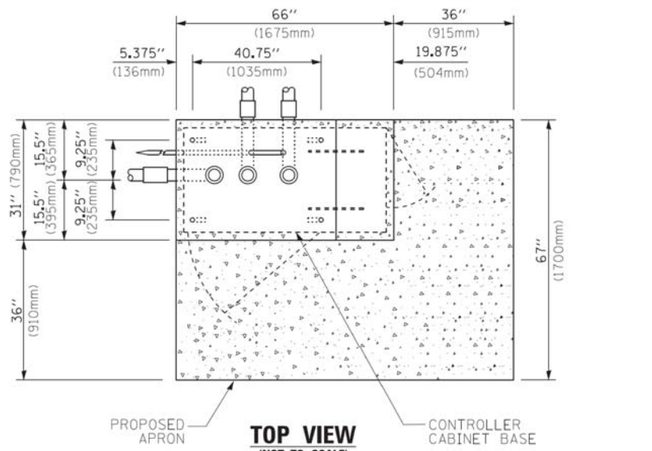


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

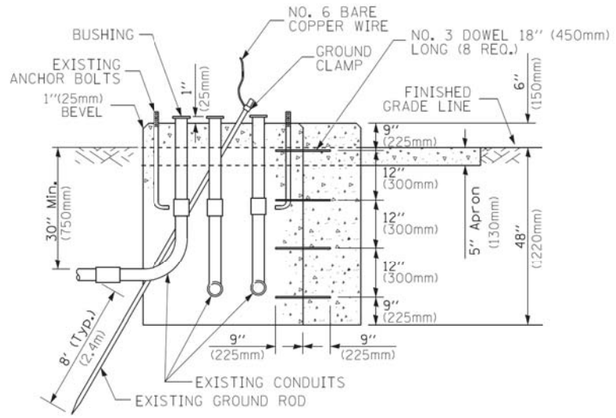
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



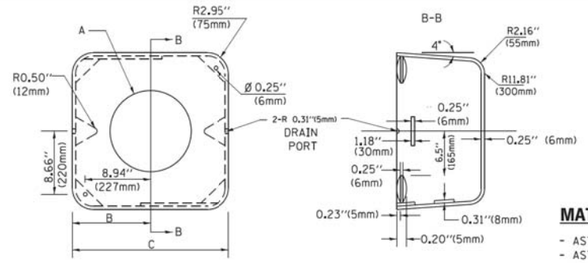
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

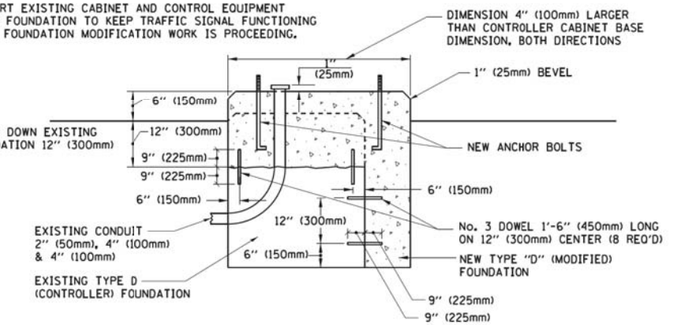
SHROUD

NOTES:

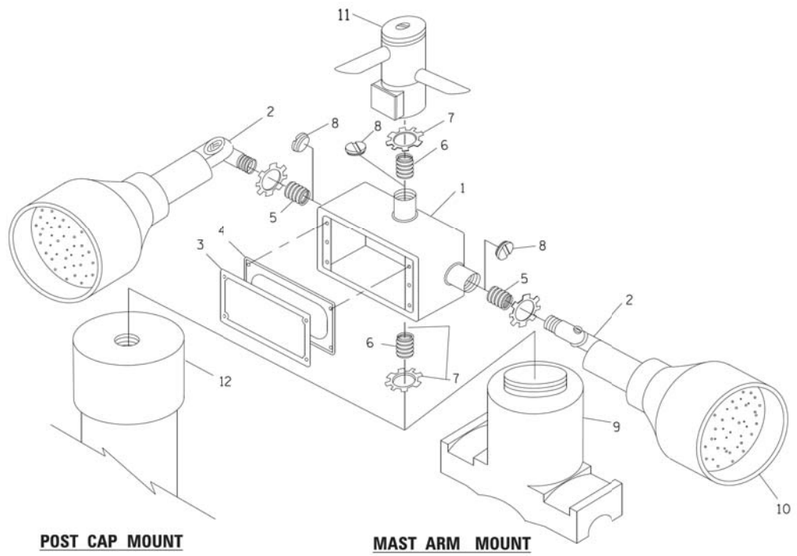
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



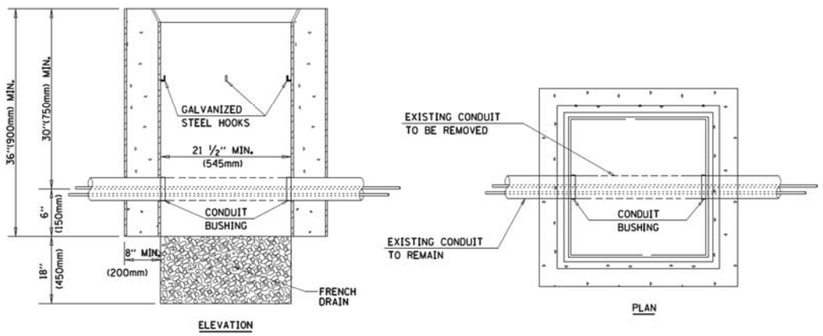
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	77
	TS-05	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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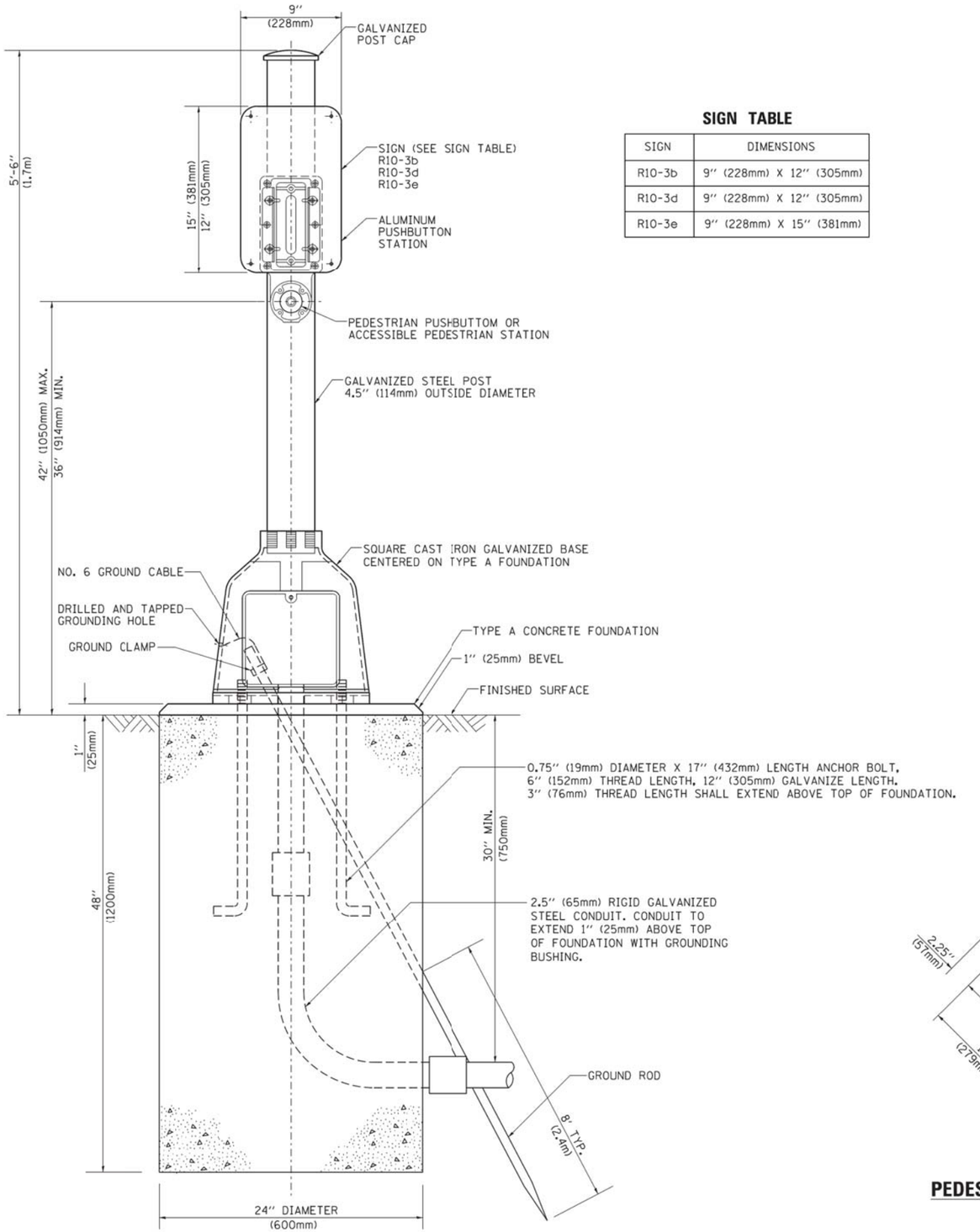
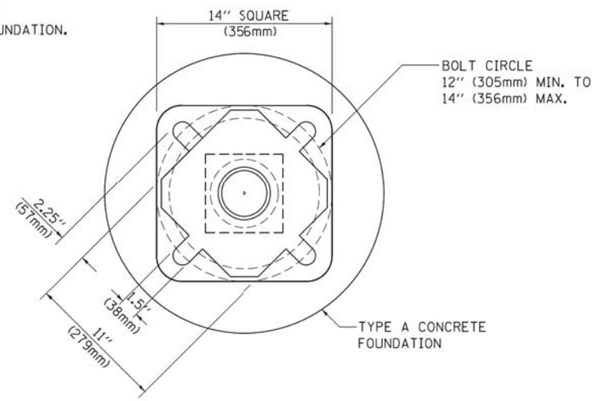


SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9'' (228mm) X 12'' (305mm)
R10-3d	9'' (228mm) X 12'' (305mm)
R10-3e	9'' (228mm) X 15'' (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

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	PLOT DATE = 1/13/2014	DATE - 10/1/2012	REVISED -

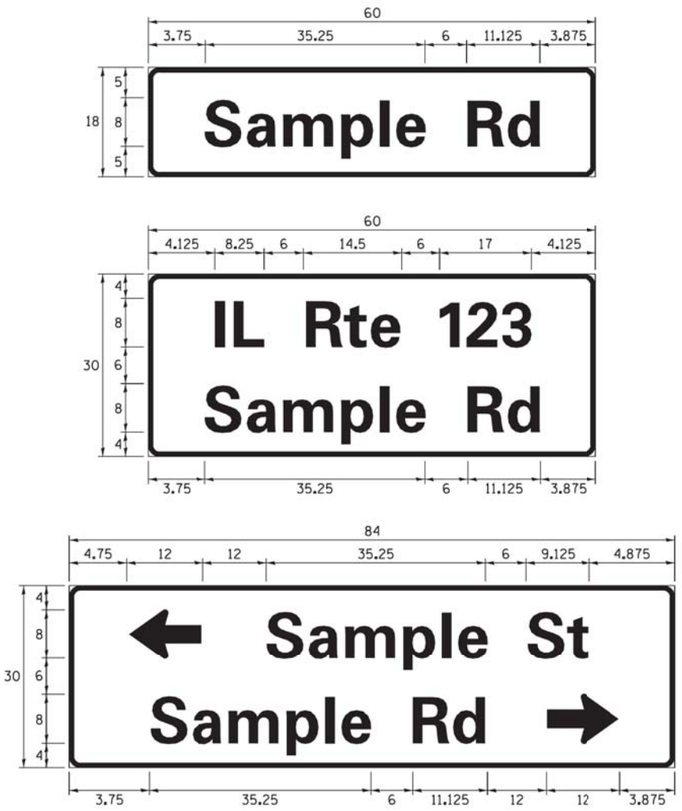
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 7 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	78
	TS-05	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

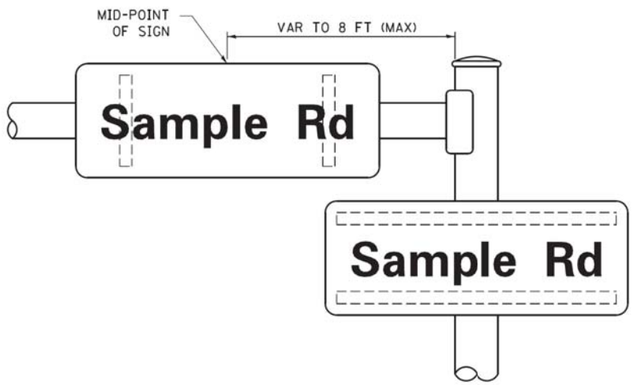
1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUX OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THERE IS SPACE AVAILABLE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:	PARTS LISTING:	
- J.O. HERBERT COMPANY, INC MIDLOTHIAN, VA	SIGN CHANNEL SIGN SCREWS	PART #HPN053 (MED. CHANNEL) 1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
- WESTERN REMAC, INC. WOODRIDGE, IL	BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

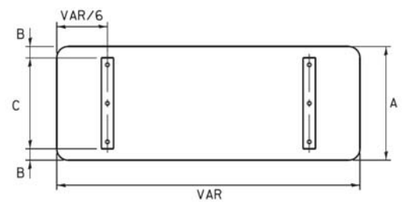
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

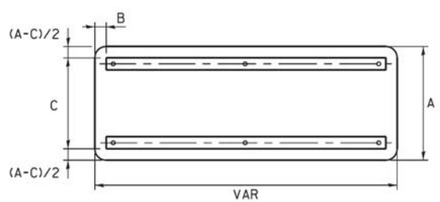
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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Default	PLOT DATE = 9/22/2014	CHECKED - IP	REVISED -
		DATE - 10/01/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	79
	TS-02	CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

ts02.dgn 9/23/2014 11:37:04 PM C:\wp\design\pociechal

				CONSTRUCTION CODE		
				80% FEDERAL 13.33% STATE 6.67% PHOENIX	80% FEDERAL 10% STATE 10% HARVEY	80% FEDERAL 20% STATE
				0021		
				TRAFFIC SIGNALS		
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	IL ROUTE 1/ VINCENNES RD.	IL ROUTE 1/ 152ND ST.	INTERCONNECT
1	SIGN PANEL - TYPE 1	SQ FT	22	8	14	
2	SIGN PANEL - TYPE 2	SQ FT	50	17	33	
3	SERVICE INSTALLATION - POLE MOUNTED	EACH	2	1	1	
4	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	768	438	273	57
5	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	50	20	30	
6	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	192	109	83	
7	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	547	309	238	
8	HANDHOLE	EACH	9	5	4	
9	DOUBLE HANDHOLE	EACH	2	1	1	
10	MASTER CONTROLLER	EACH	1		1	
11	TRANSCEIVER - FIBER OPTIC	EACH	2	1	1	
12	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	222			222
13	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1343	974	369	
14	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1413	1016	397	
15	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3594	1096	2498	
16	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	207	207		
17	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1315	692	623	
18	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	255	218	37	
19	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1270	813	457	
20	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1	1		
21	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	5	2	3	
22	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1	1		
23	STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	2	2		
24	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1		1	
25	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	3	1	2	
26	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1	
27	CONCRETE FOUNDATION, TYPE A	FOOT	28	16	12	
28	CONCRETE FOUNDATION, TYPE C	FOOT	8	4	4	
29	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	74	30	44	
30	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	12	4	8	

				CONSTRUCTION CODE		
				80% FEDERAL 13.33% STATE 6.67% PHOENIX	80% FEDERAL 10% STATE 10% HARVEY	80% FEDERAL 20% STATE
				0021		
				TRAFFIC SIGNALS		
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	IL ROUTE 1/ VINCENNES RD.	IL ROUTE 1/ 152ND ST.	INTERCONNECT
31	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10	2	8	
32	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1	1		
33	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1	1		
34	OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	1	1		
35	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10	6	4	
36	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14	6	8	
37	INDUCTIVE LOOP DETECTOR	EACH	6	3	3	
38	DETECTOR LOOP, TYPE I	FOOT	500	276	224	
39	PEDESTRIAN PUSH-BUTTON	EACH	10	6	4	
40	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	
41	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	1	
42	REMOVE EXISTING HANDHOLE	EACH	10	6	4	
43	REMOVE EXISTING CONCRETE FOUNDATION	EACH	13	6	7	
44	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1	1		
45	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2	1	1	
46	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	245			245
47	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1
48	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	1	1	
49	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1		1	

CIVILTECH

USER NAME = ojt	DESIGNED - BRD	REVISED -	
	DRAWN - JRT	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -	
PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SUMMARY OF QUANTITIES
IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD AND 152ND STREET

NO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	80
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

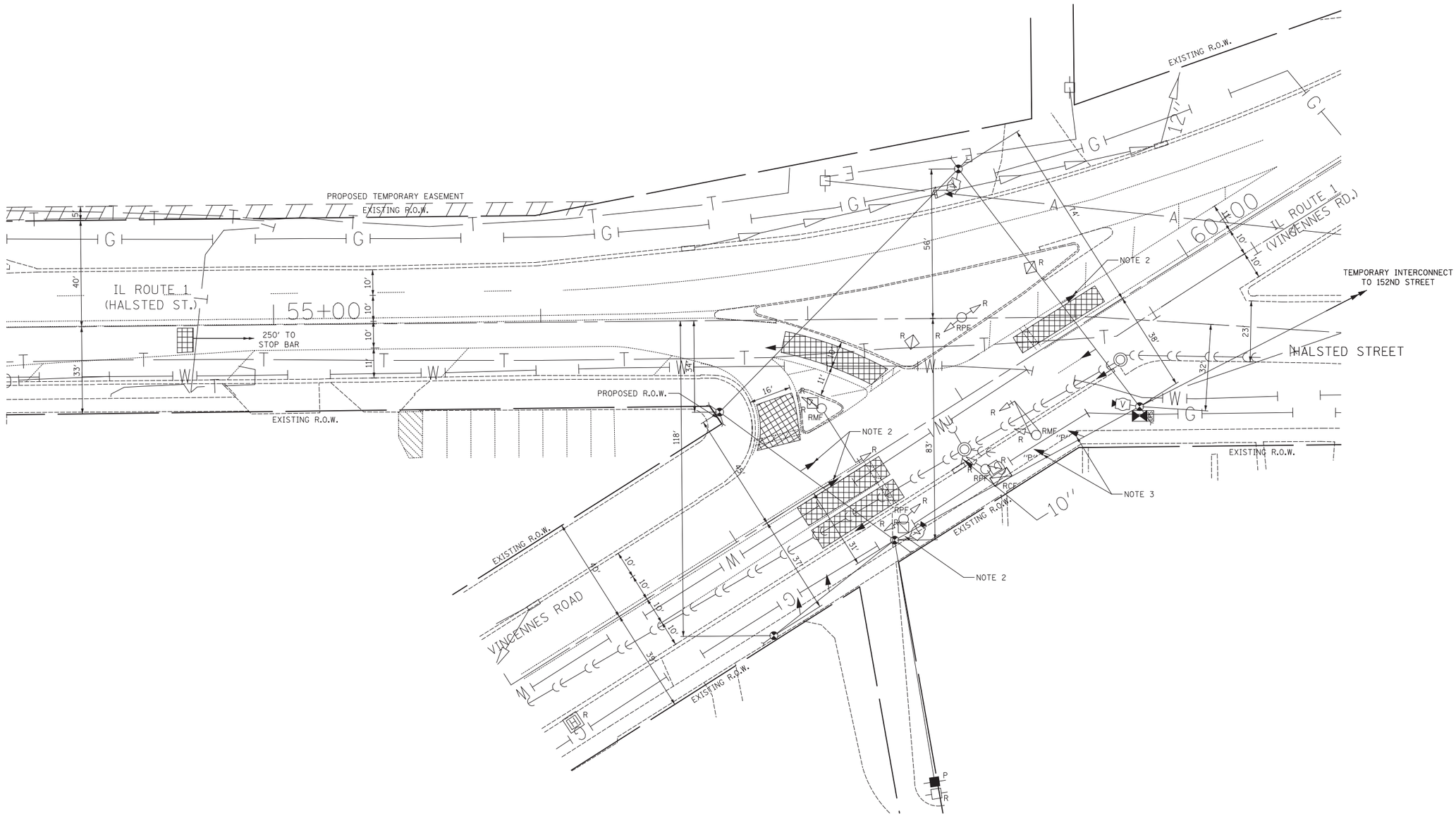
3	EACH	SIGNAL POST
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE
1	EACH	ALUMINUM MAST ARM ASSEMBLY AND POLE
1	EACH	SERVICE INSTALLATION
3	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 1-FACE, 4-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
2	EACH	TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE, AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1	EACH	CONTROLLER AND CABINET (COMPLETE)

TEMPORARY TRAFFIC SIGNAL NOTES

1. UPON THE CLOSURE OF THE EAST HALF OF THE INTERSECTION AT THE BEGINNING OF M.O.T. STAGE I, ALL SIGNAL HEADS AND VIDEO DETECTION CAMERAS SHALL BE BAGGED AND THE TRAFFIC SIGNAL SHALL BE DEACTIVATED UNTIL THE INTERSECTION IS RE-OPENED TO TRAFFIC AT THE BEGINNING OF M.O.T. STAGE II.
2. THESE TEMPORARY TRAFFIC SIGNAL ITEMS SHALL BE REMOVED UPON THE CLOSURE OF THE EAST HALF OF THE INTERSECTION AT THE BEGINNING OF M.O.T. STAGE I.
3. THESE SIGNAL HEADS SHALL BE RELOCATED TO THE NORTH SPAN WIRE PRIOR TO THE BEGINNING OF M.O.T. STAGE II.



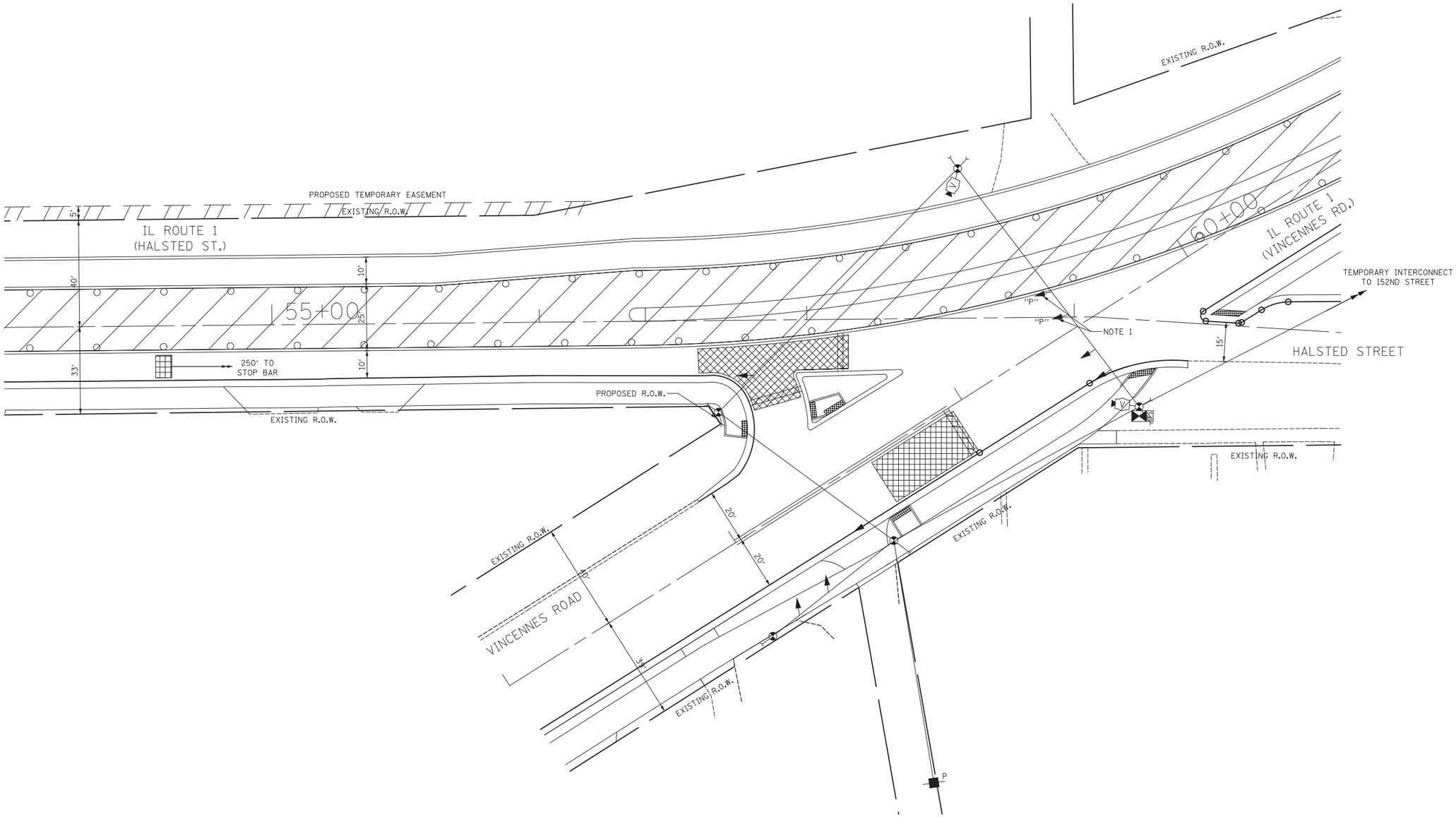
TS #1760

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVAL PLAN IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	81
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

TEMPORARY TRAFFIC SIGNAL NOTES

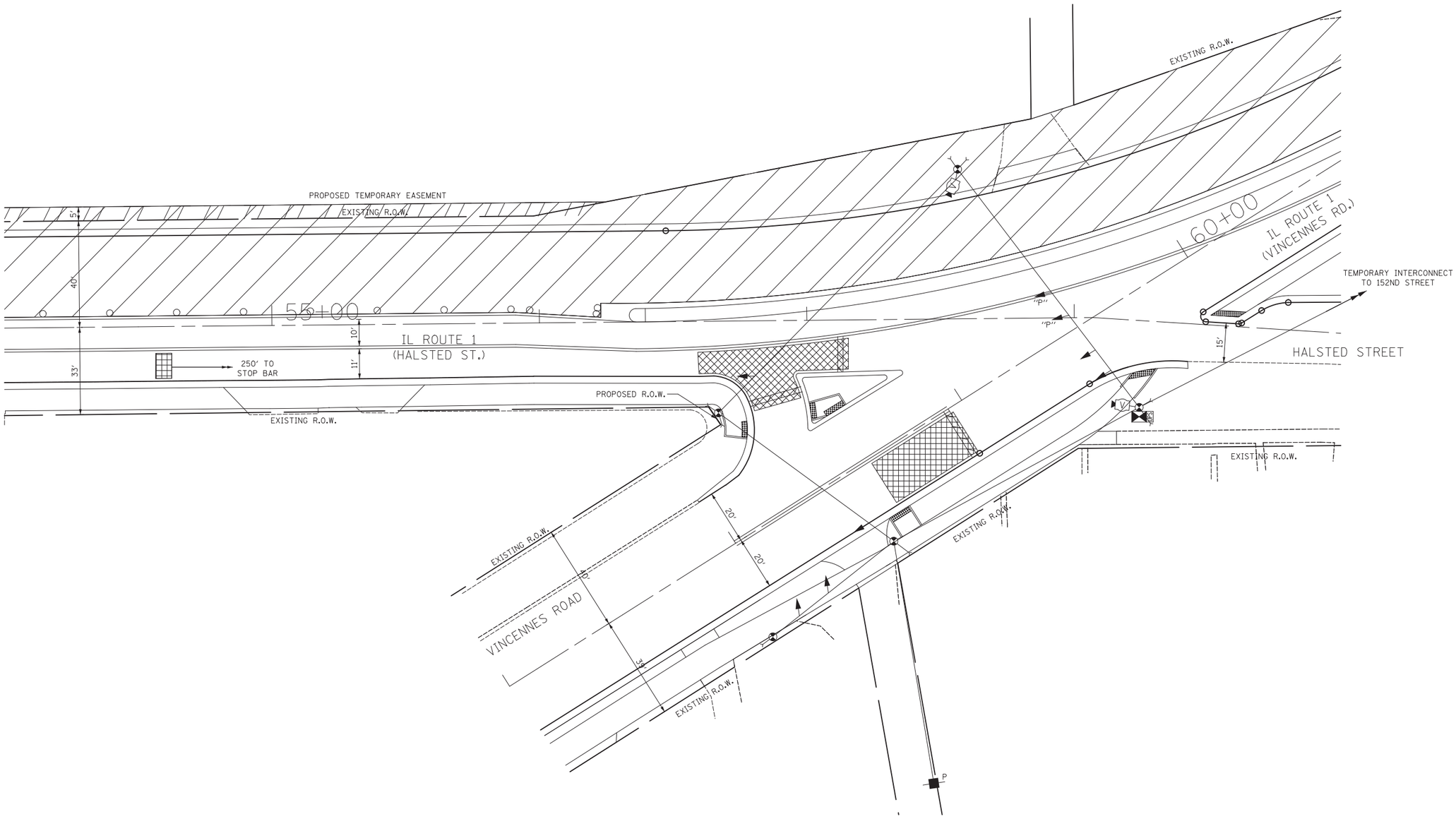
1. THESE SIGNAL HEADS SHALL BE RELOCATED TO THE NORTH SPAN WIRE FROM THE EAST SPAN WIRE PRIOR TO THE BEGINNING OF M.O.T. STAGE II.



TS #1760

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING PLAN MAINTENANCE OF TRAFFIC STAGE II IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	82
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

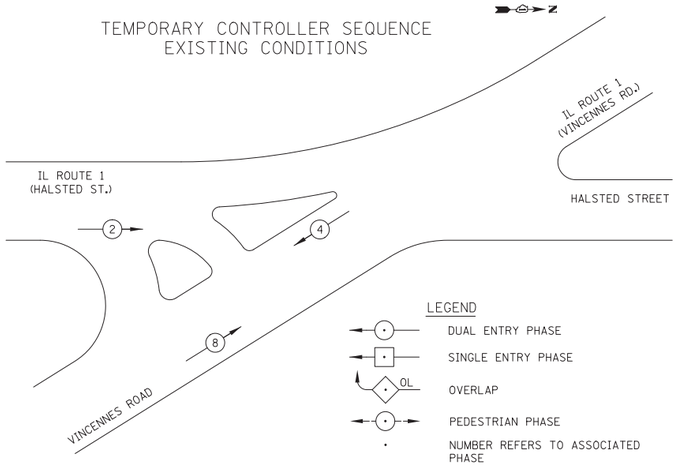


TS #1760

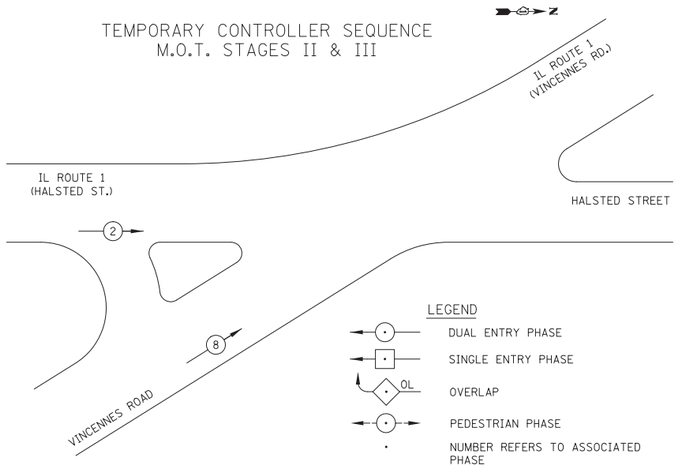
CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING PLAN MAINTENANCE OF TRAFFIC STAGE III IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	83
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

TEMPORARY CONTROLLER SEQUENCE
EXISTING CONDITIONS



TEMPORARY CONTROLLER SEQUENCE
M.O.T. STAGES II & III

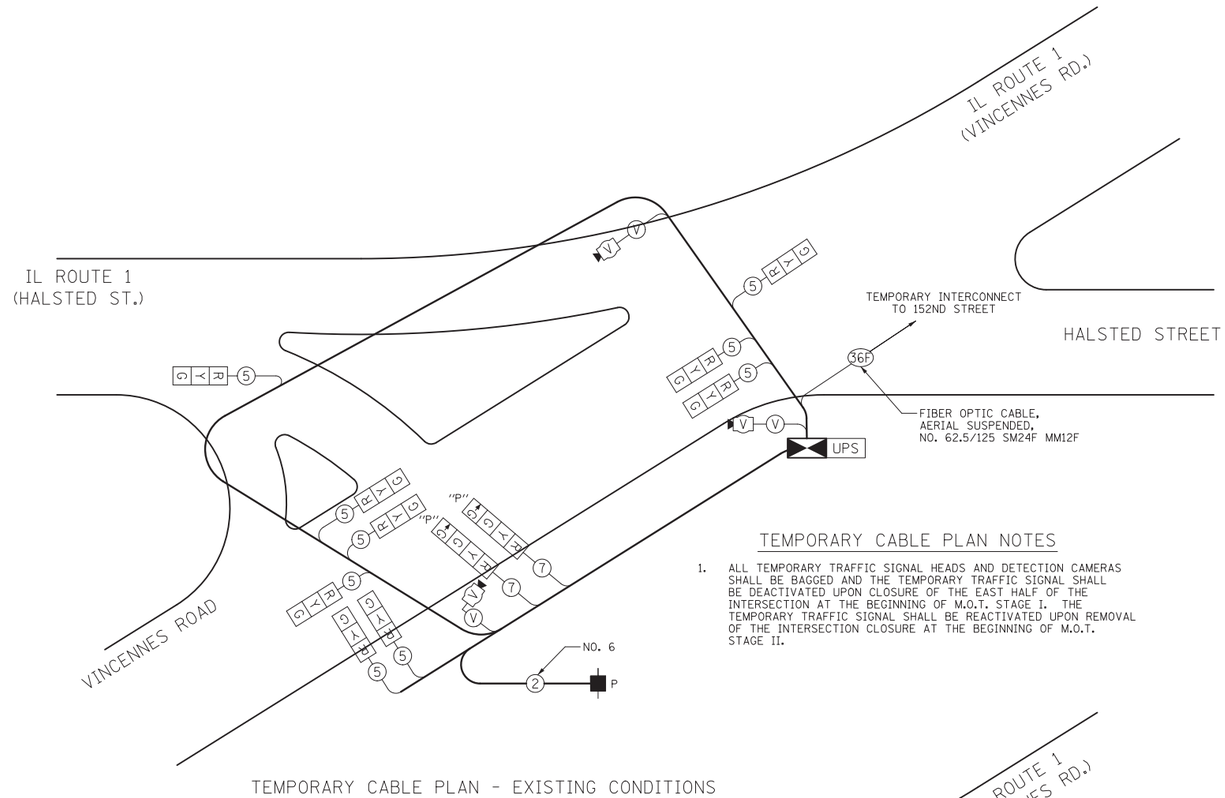


TEMPORARY
PHASE DESIGNATION DIAGRAMS

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	11		17	0.50	94
(YELLOW)	11		25	0.25	69
(GREEN)	13		15	0.25	49
ARROW			12	0.10	
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100
VIDEO DET. SYSTEM	1		150	1.00	150
FLASHER				0.50	
				TOTAL =	462

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: WARREN TAYLOR
PHONE: (708) 235-2328
COMPANY: COM ED

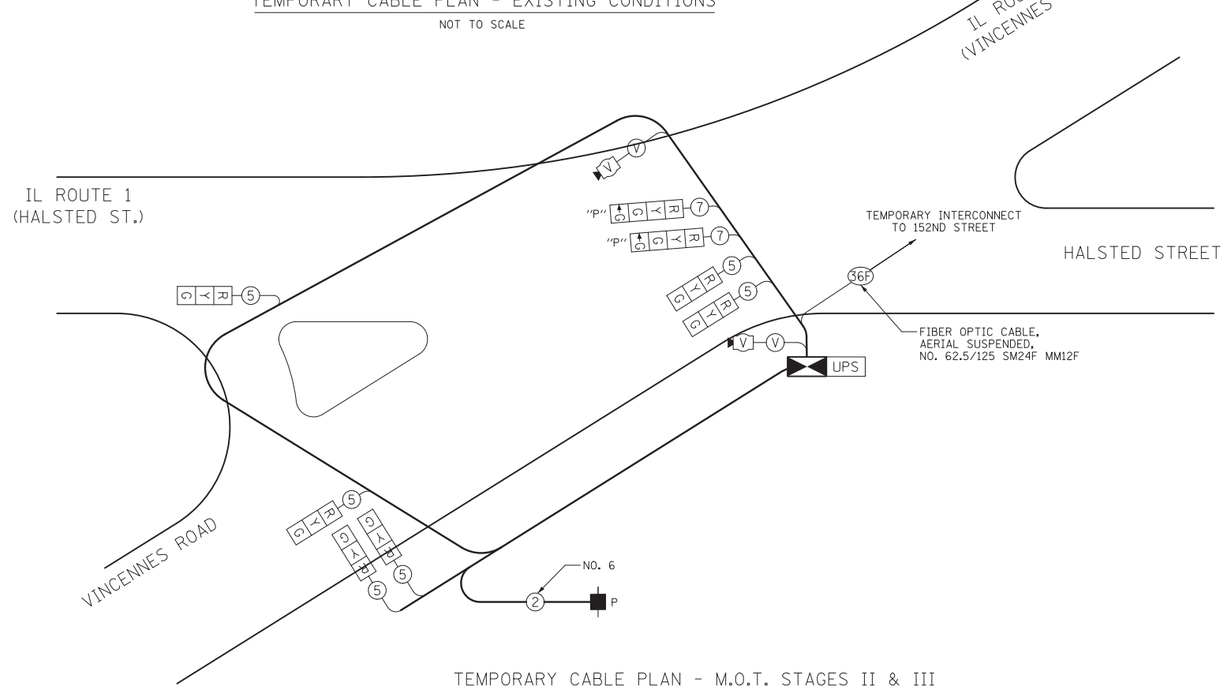


TEMPORARY CABLE PLAN - EXISTING CONDITIONS

NOT TO SCALE

TEMPORARY CABLE PLAN NOTES

1. ALL TEMPORARY TRAFFIC SIGNAL HEADS AND DETECTION CAMERAS SHALL BE BAGGED AND THE TEMPORARY TRAFFIC SIGNAL SHALL BE DEACTIVATED UPON CLOSURE OF THE EAST HALF OF THE INTERSECTION AT THE BEGINNING OF M.O.T. STAGE I. THE TEMPORARY TRAFFIC SIGNAL SHALL BE REACTIVATED UPON REMOVAL OF THE INTERSECTION CLOSURE AT THE BEGINNING OF M.O.T. STAGE II.



TEMPORARY CABLE PLAN - M.O.T. STAGES II & III

NOT TO SCALE

TS #1760

CIVILTECH

USER NAME = ojt	DESIGNED - BRD	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND
TEMPORARY SEQUENCE OF OPERATIONS
IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD

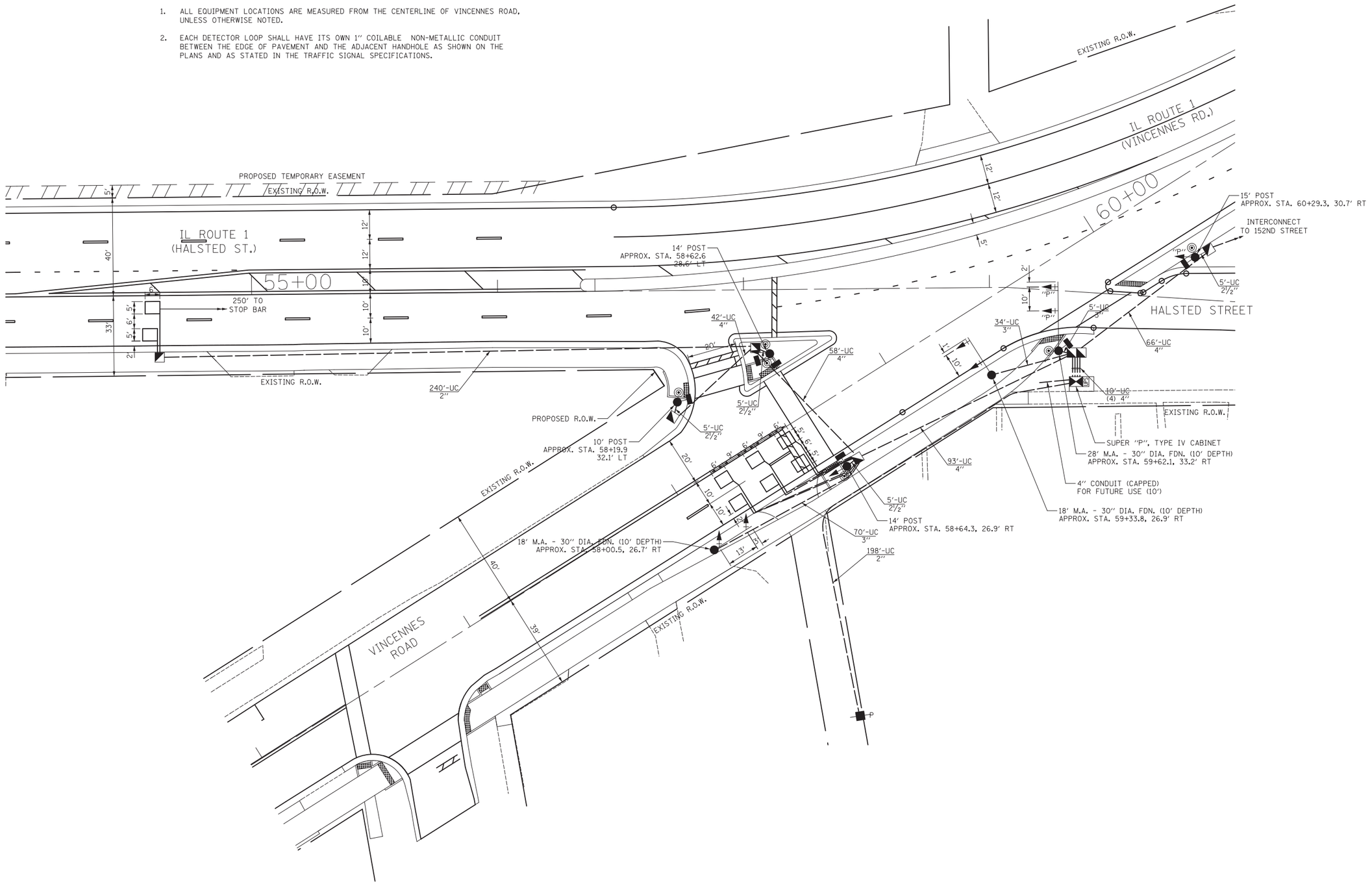
NO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	84
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL NOTES

1. ALL EQUIPMENT LOCATIONS ARE MEASURED FROM THE CENTERLINE OF VINCENNES ROAD, UNLESS OTHERWISE NOTED.

2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



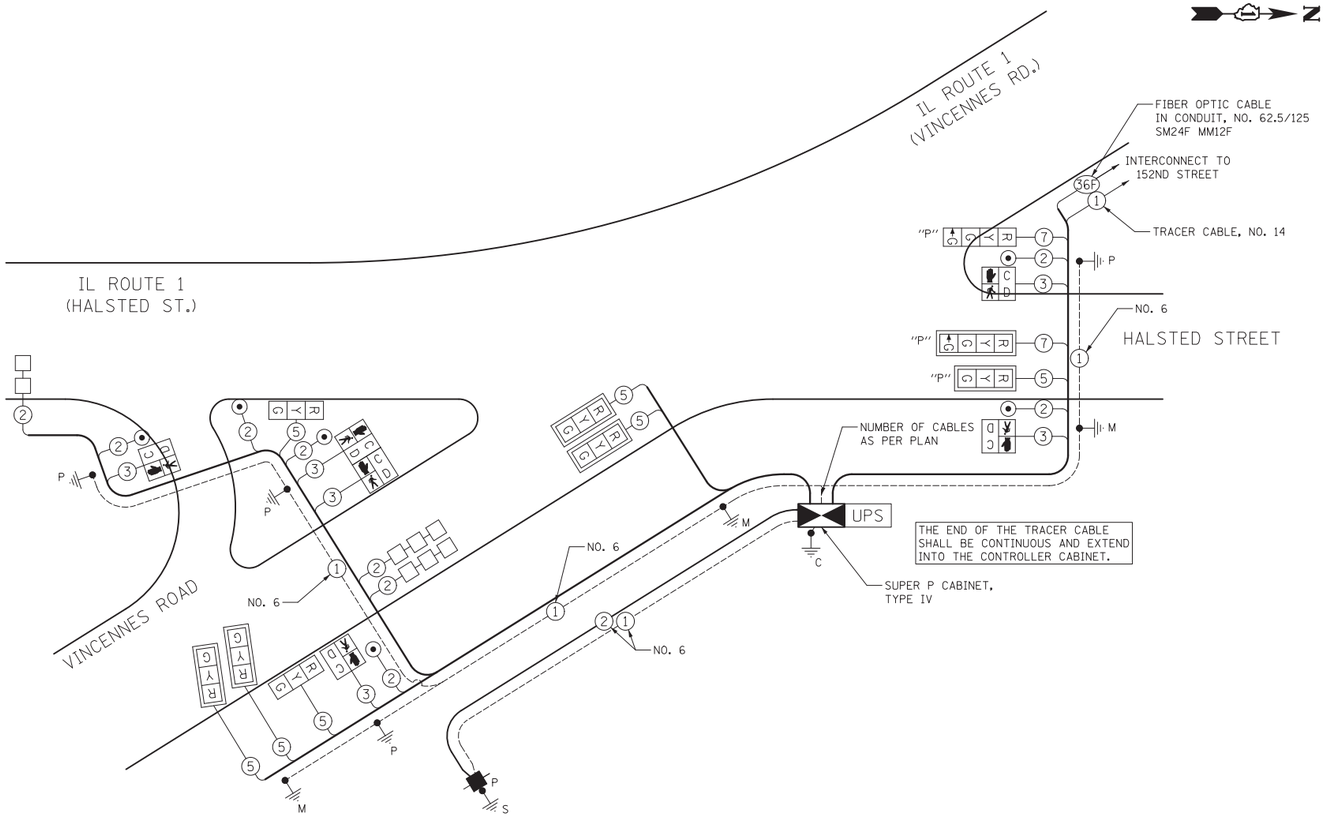
TS #1760

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	85
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

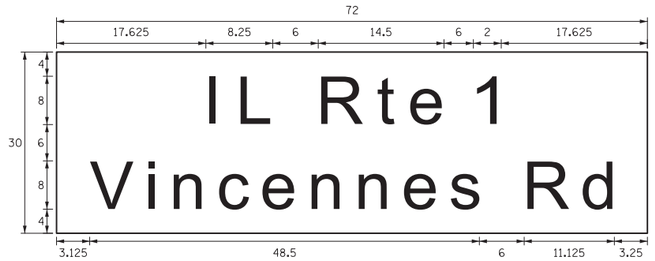
PAY ITEM	UNIT	QNTY.
SIGN PANEL - TYPE 1	SQ FT	8
SIGN PANEL - TYPE 2	SQ FT	17
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	438
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	20
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	109
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	309
HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	974
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1016
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1096
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	207
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	692
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	218
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	813
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	1
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	3
DETECTOR LOOP, TYPE I	FOOT	276
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1



CABLE PLAN

NOT TO SCALE

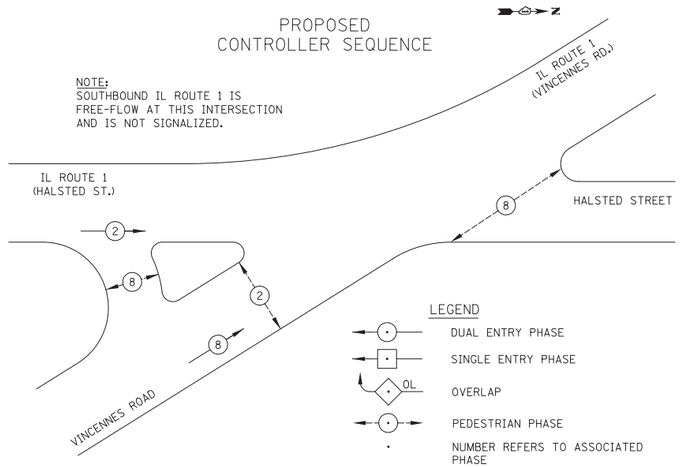
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	1	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15.00	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

PROPOSED
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	9		17	0.50	77
(YELLOW)	9		25	0.25	56
(GREEN)	11		15	0.25	41
ARROW			12	0.10	
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
FLASHER				0.50	
				TOTAL =	424

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY: CONTACT: WARREN TAYLOR
PHONE: (708) 235-2328
COMPANY: COM ED

TS #1760

CIVILTECH

USER NAME = ojt	DESIGNED - BRD	REVISED -	
	DRAWN - JRT	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -	
PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, MAST ARM MOUNTED STREET NAME SIGNS, AND SCHEDULE OF QUANTITIES
IL ROUTE 1 (HALSTED ST.) AT VINCENNES ROAD

NO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	86
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

TEMPORARY TRAFFIC SIGNAL NOTES

1. PRIOR TO ANY WORK INVOLVING THE TRANSIT SIGNAL PRIORITY EQUIPMENT, THE CONTRACTOR SHALL CONTACT MR. TAQHI MOHAMMED OF PACE SUBURBAN BUS AT (847) 228-4287 FOR AGENCY COORDINATION.

2. THE EXISTING TRANSIT SIGNAL PRIORITY DETECTOR AT THIS LOCATION SHALL BE RELOCATED TO THE TEMPORARY TRAFFIC SIGNAL AT THE LOCATION SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER OR PACE SUBURBAN BUS. ALL LABOR AND MATERIALS REQUIRED TO RELOCATE THE EXISTING TRANSIT SIGNAL PRIORITY DETECTOR TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND RESTORE PROPER OPERATION TO THE SATISFACTION OF THE ENGINEER AND PACE SUBURBAN BUS SHALL BE INCLUDED IN THE UNIT COST EACH FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

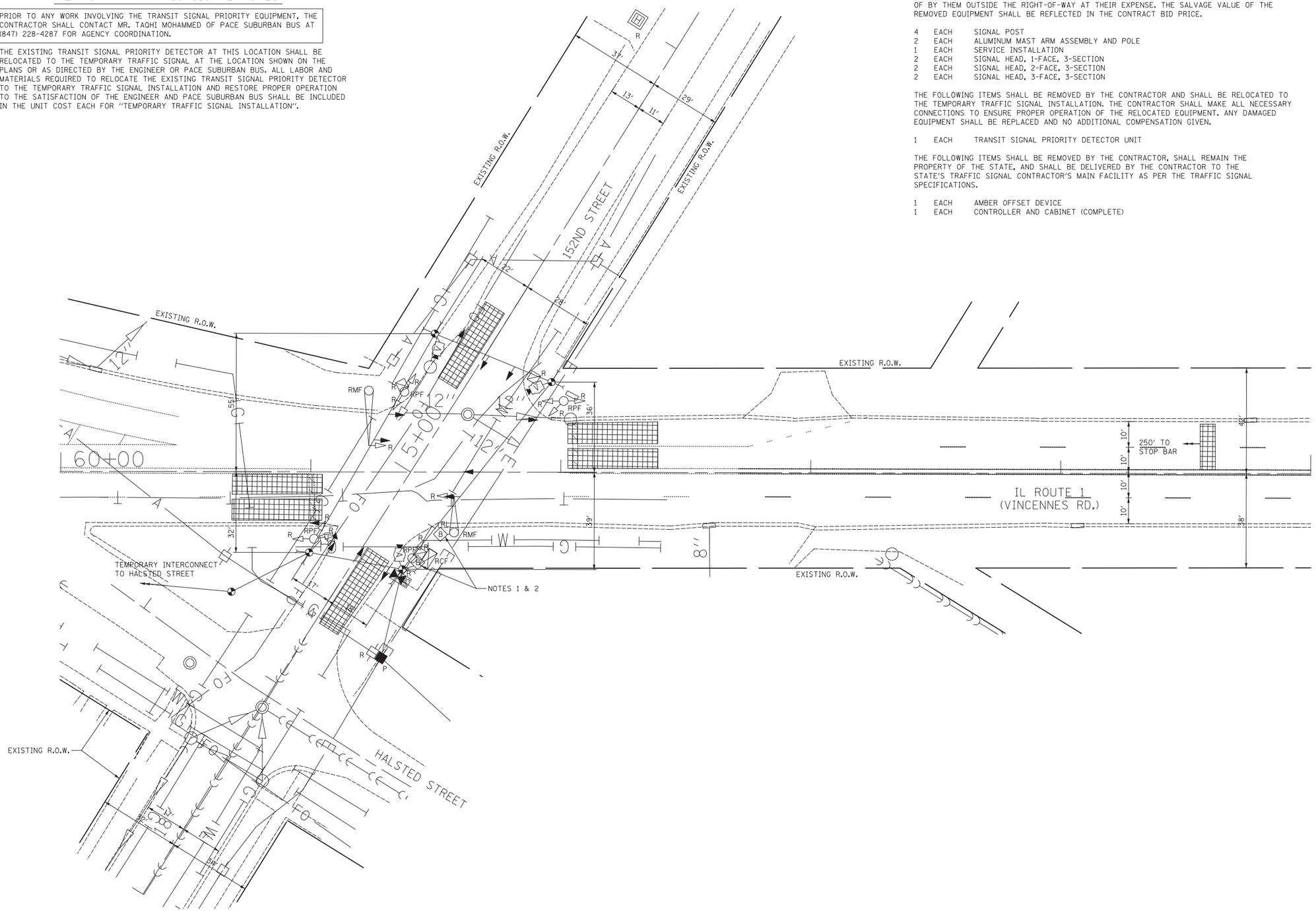
4	EACH	SIGNAL POST
2	EACH	ALUMINUM MAST ARM ASSEMBLY AND POLE
1	EACH	SERVICE INSTALLATION
2	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 3-FACE, 3-SECTION

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE RELOCATED TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONNECTIONS TO ENSURE PROPER OPERATION OF THE RELOCATED EQUIPMENT. ANY DAMAGED EQUIPMENT SHALL BE REPLACED AND NO ADDITIONAL COMPENSATION GIVEN.

1	EACH	TRANSIT SIGNAL PRIORITY DETECTOR UNIT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE, AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

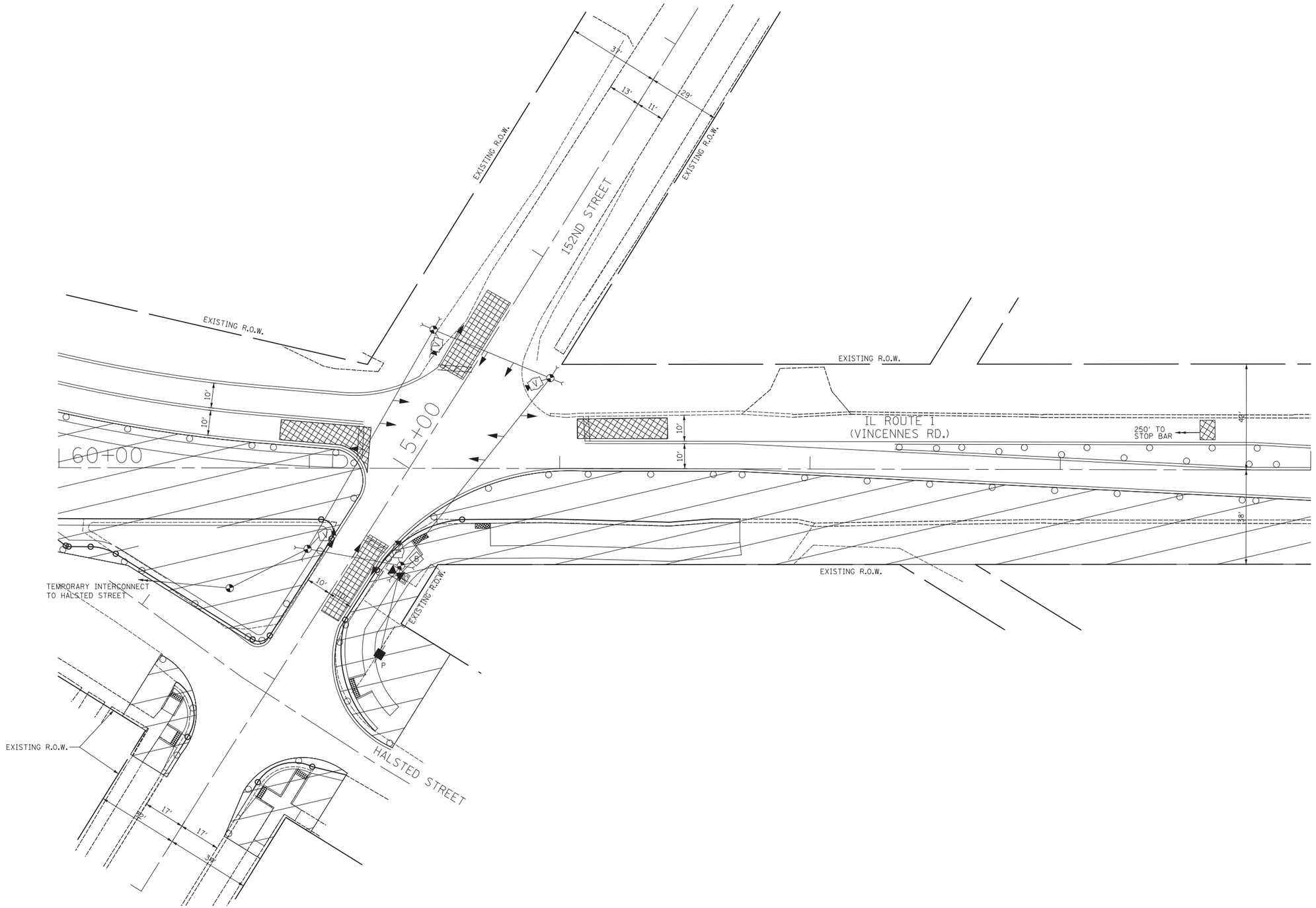
1	EACH	AMBER OFFSET DEVICE
1	EACH	CONTROLLER AND CABINET (COMPLETE)



TS #1805

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVAL PLAN IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

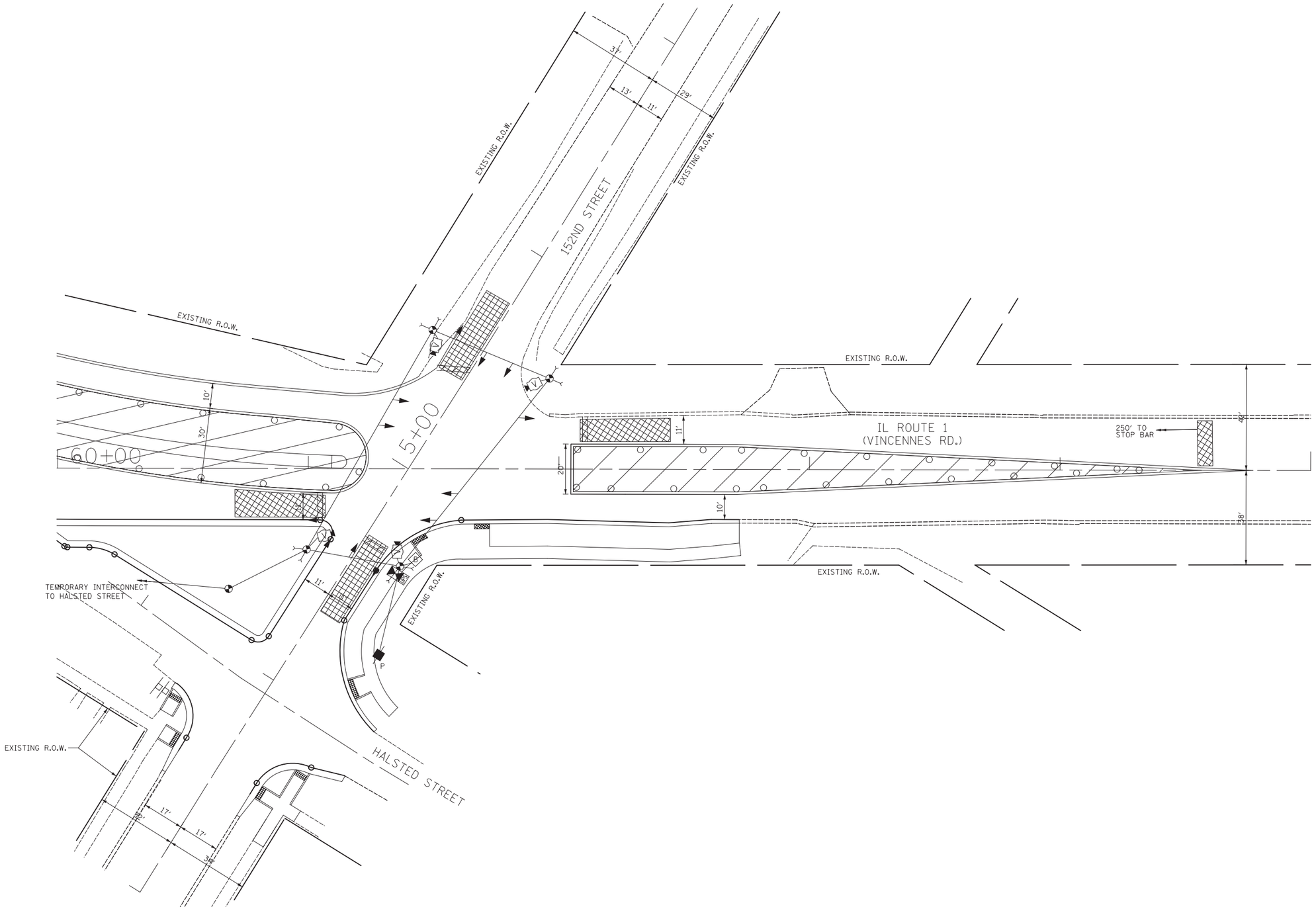
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	87
		CONTRACT NO. 60T20		
	ILLINOIS	FED. AID PROJECT		



TS #1805

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING PLAN MAINTENANCE OF TRAFFIC STAGE I IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

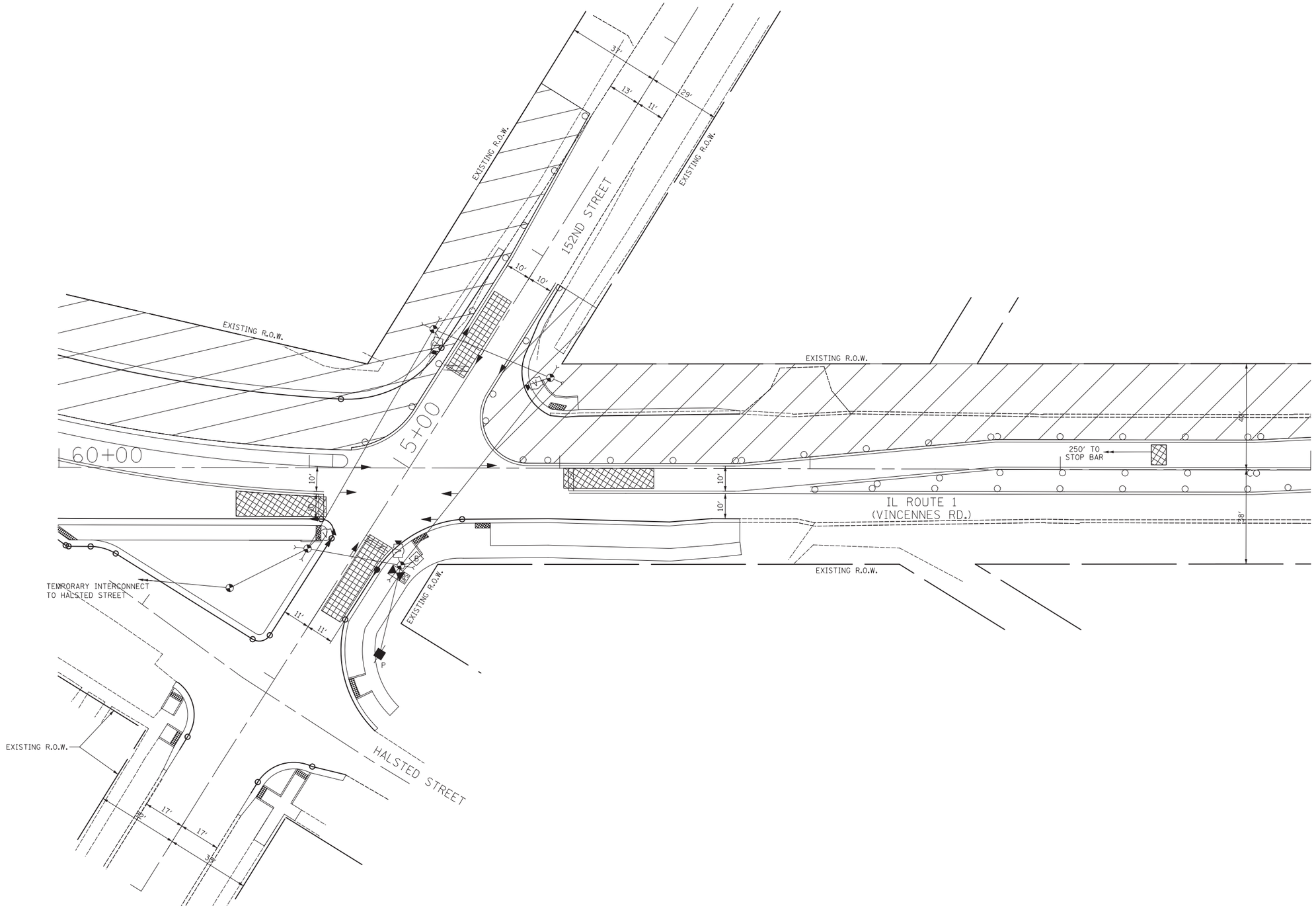
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	88
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



TS #1805

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING PLAN MAINTENANCE OF TRAFFIC STAGE II IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	89
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

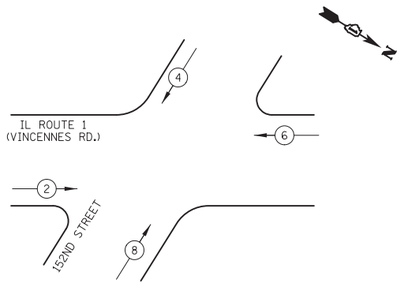


TS #1805

CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL STAGING PLAN MAINTENANCE OF TRAFFIC STAGE III IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET
		DRAWN - JRT	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -		SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	90
		CONTRACT NO. 60T20		
		ILLINOIS FED. AID PROJECT		

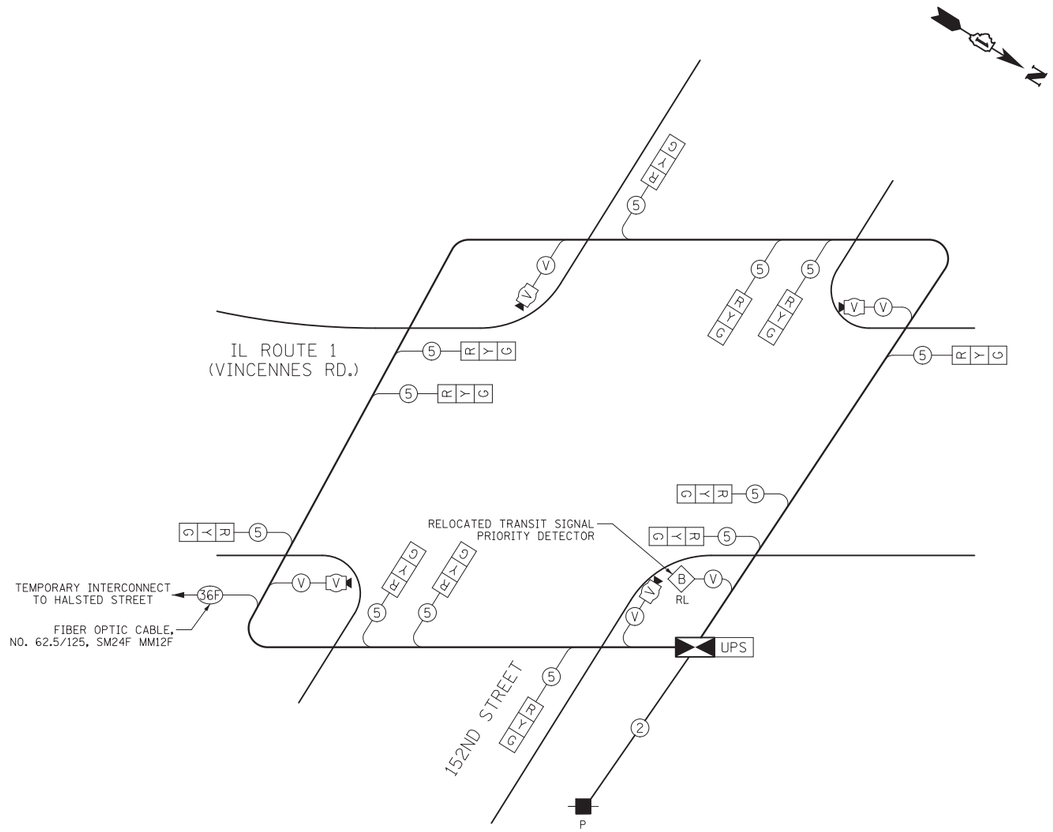
TEMPORARY
CONTROLLER SEQUENCE
M.O.T. STAGES I, II & III



LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY
PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN
NOT TO SCALE

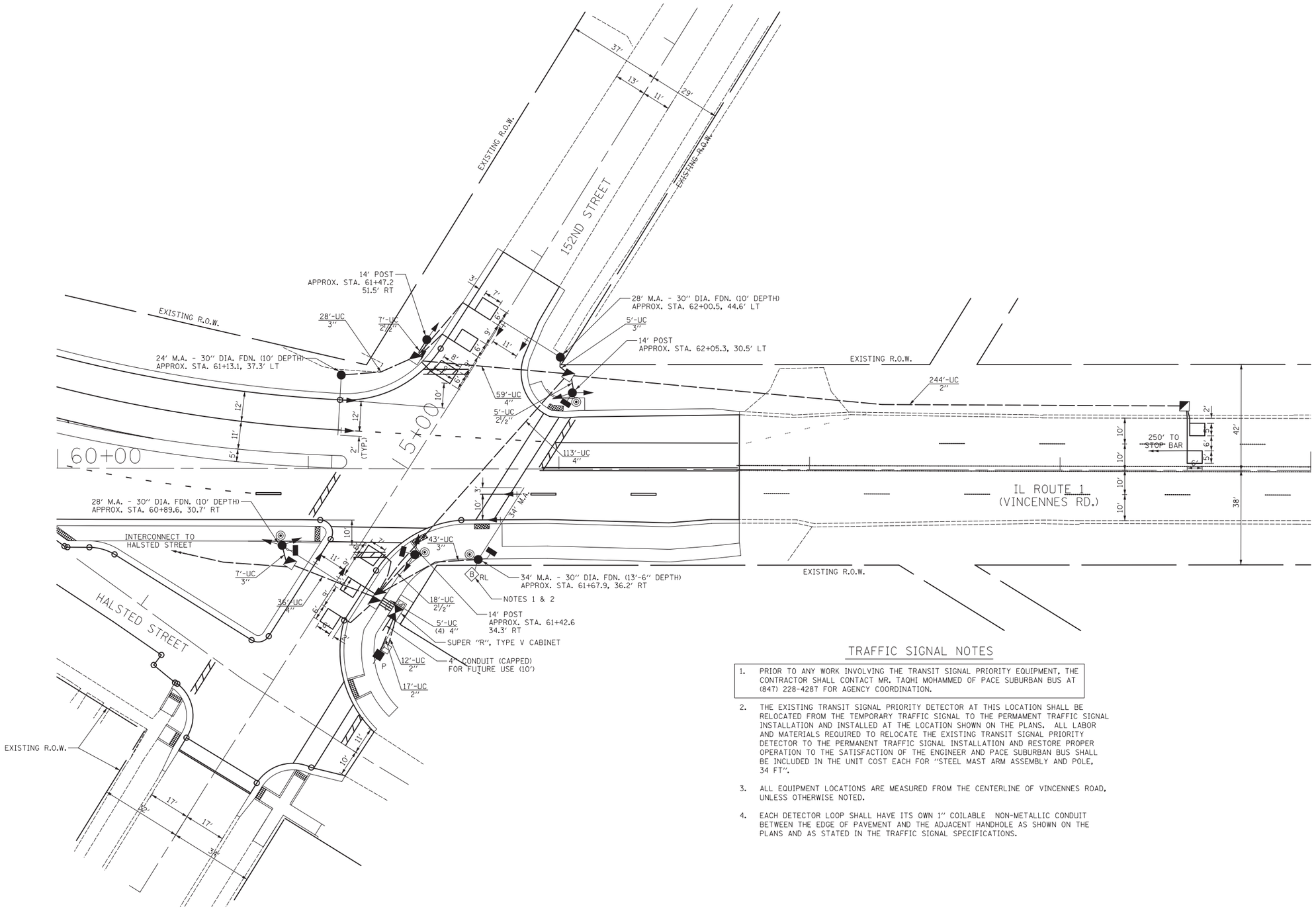
I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	12		17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW			12	0.10	
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100
VIDEO DET. SYSTEM	1		150	1.00	150
FLASHER				0.50	
				TOTAL =	472

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: WARREN TAYLOR
PHONE: (708) 235-2328
COMPANY: COM ED

TS #1805

CIVILTECH	USER NAME = o.jt	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CABLE PLAN AND TEMPORARY SEQUENCE OF OPERATIONS IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JRT	REVISED -			3730	3262N-1	COOK	121	91
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -						CONTRACT NO. 60T20	
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -		NO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.			ILLINOIS	FED. AID PROJECT	



TRAFFIC SIGNAL NOTES

1. PRIOR TO ANY WORK INVOLVING THE TRANSIT SIGNAL PRIORITY EQUIPMENT, THE CONTRACTOR SHALL CONTACT MR. TAQHI MOHAMMED OF PACE SUBURBAN BUS AT (847) 228-4287 FOR AGENCY COORDINATION.
2. THE EXISTING TRANSIT SIGNAL PRIORITY DETECTOR AT THIS LOCATION SHALL BE RELOCATED FROM THE TEMPORARY TRAFFIC SIGNAL TO THE PERMAMENT TRAFFIC SIGNAL INSTALLATION AND INSTALLED AT THE LOCATION SHOWN ON THE PLANS. ALL LABOR AND MATERIALS REQUIRED TO RELOCATE THE EXISTING TRANSIT SIGNAL PRIORITY DETECTOR TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION AND RESTORE PROPER OPERATION TO THE SATISFACTION OF THE ENGINEER AND PACE SUBURBAN BUS SHALL BE INCLUDED IN THE UNIT COST EACH FOR "STEEL MAST ARM ASSEMBLY AND POLE, 34 FT".
3. ALL EQUIPMENT LOCATIONS ARE MEASURED FROM THE CENTERLINE OF VINCENNES ROAD, UNLESS OTHERWISE NOTED.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS #1805

CIVILTECH

USER NAME = ojt	DESIGNED - BRD	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -

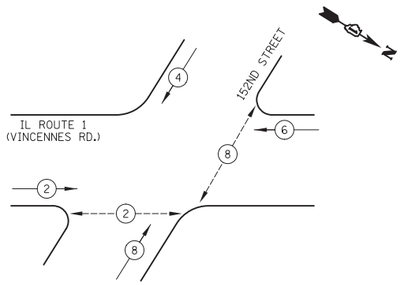
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET

SCALE: 1" = 20' | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	92
		CONTRACT NO. 60T20		
		ILLINOIS	FED. AID PROJECT	

PROPOSED CONTROLLER SEQUENCE



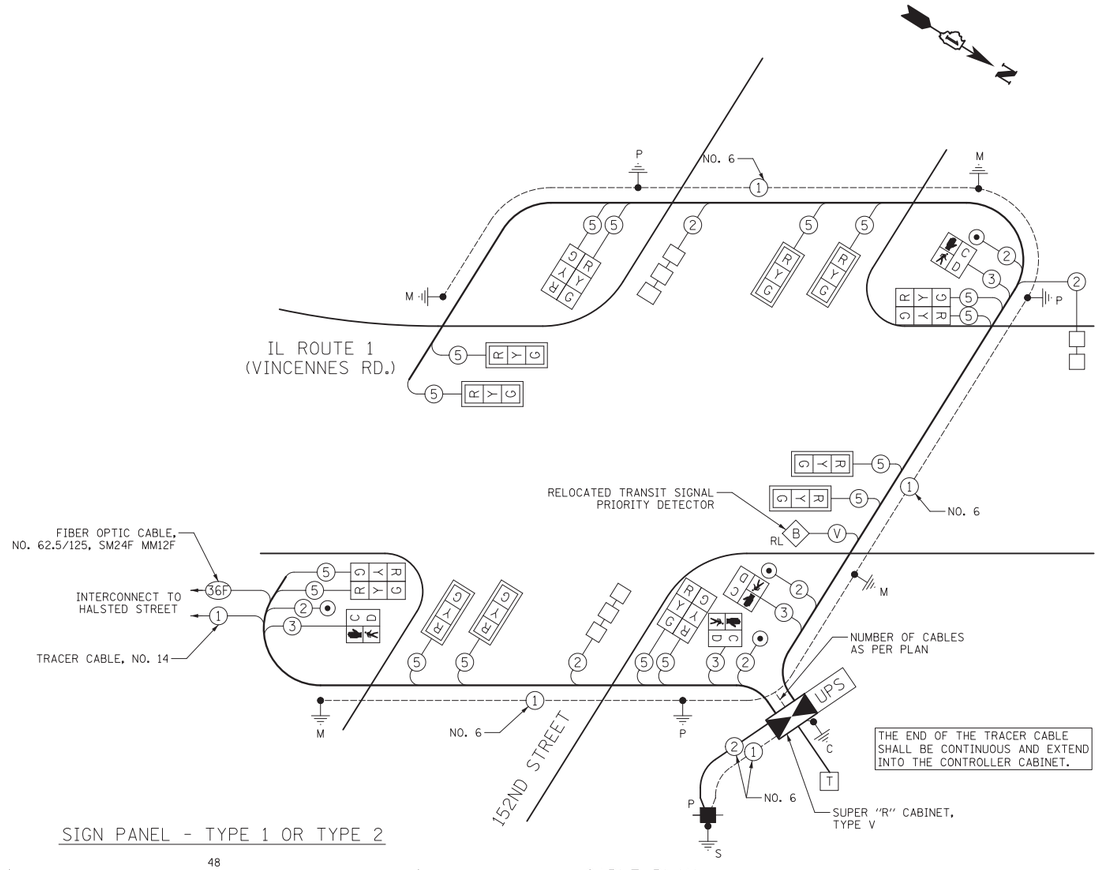
LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

SCHEDULE OF QUANTITIES

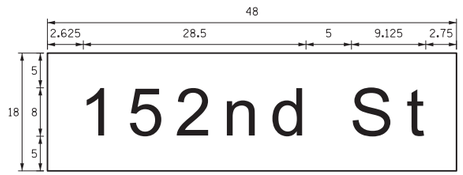
PAY ITEM	UNIT	QNTY.
SIGN PANEL - TYPE 1	SQ FT	14
SIGN PANEL - TYPE 2	SQ FT	33
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	273
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	30
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	83
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	238
HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	1
MASTER CONTROLLER	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	369
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	397
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2498
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	623
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	457
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	44
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	3
DETECTOR LOOP, TYPE I	FOOT	224
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	4
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1



CABLE PLAN

NOT TO SCALE

SIGN PANEL - TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.00	1	ZZ	2

DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	15.00	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	16		17	0.50	136
(YELLOW)	16		25	0.25	100
(GREEN)	16		15	0.25	60
ARROW			12	0.10	
PED. SIGNAL	4		25	1.00	100
CONTROLLER	1		100	1.00	100
FLASHER				0.50	
				TOTAL =	496

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: WARREN TAYLOR
PHONE: (708) 235-2328
COMPANY: COM ED

TS #1805

CIVILTECH

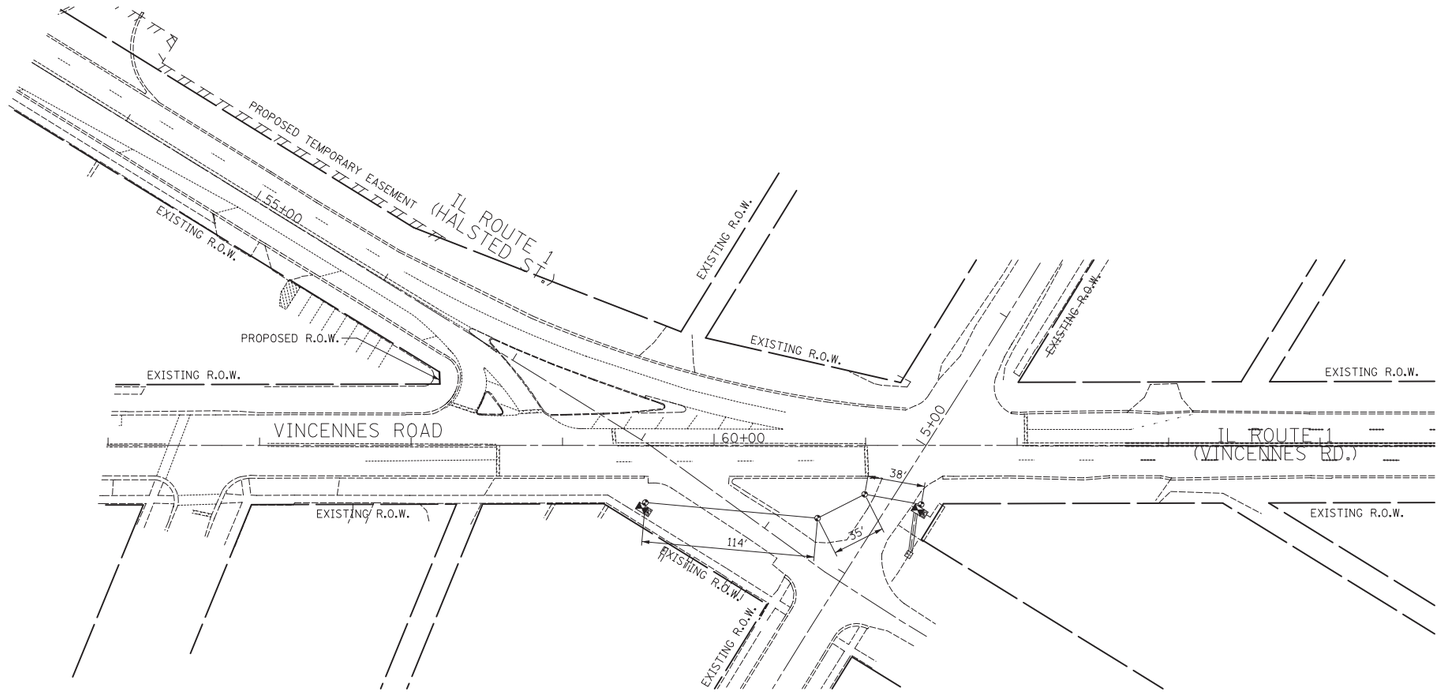
USER NAME = ojt	DESIGNED - BRD	REVISED -	
	DRAWN - JRT	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JJE	REVISED -	
PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND SCHEDULE OF QUANTITIES
IL ROUTE 1 (VINCENNES RD.) AT 152ND STREET

NO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

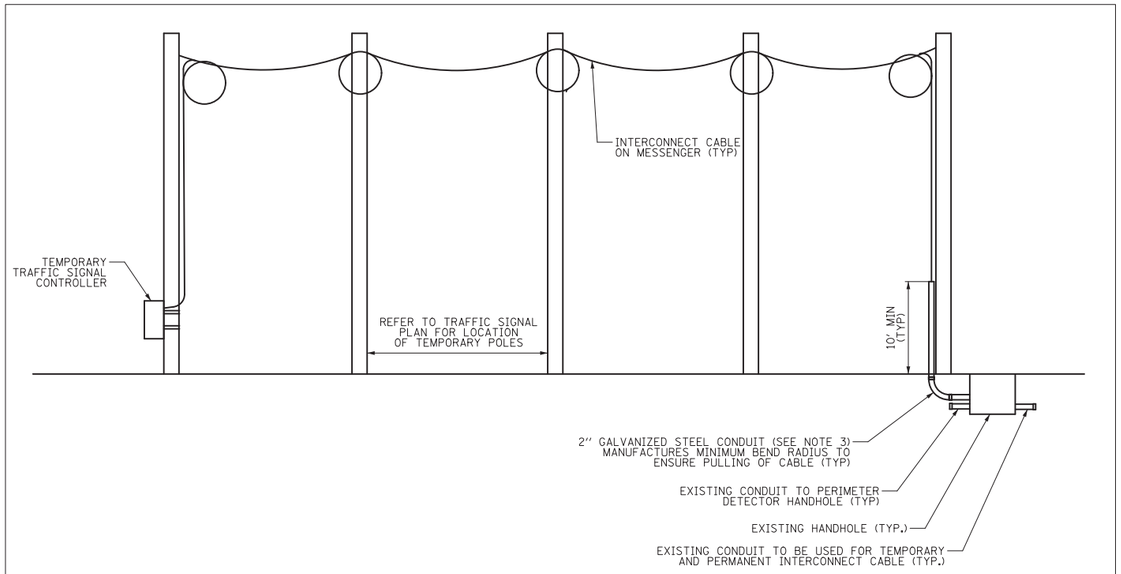
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	93
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



NOTES:

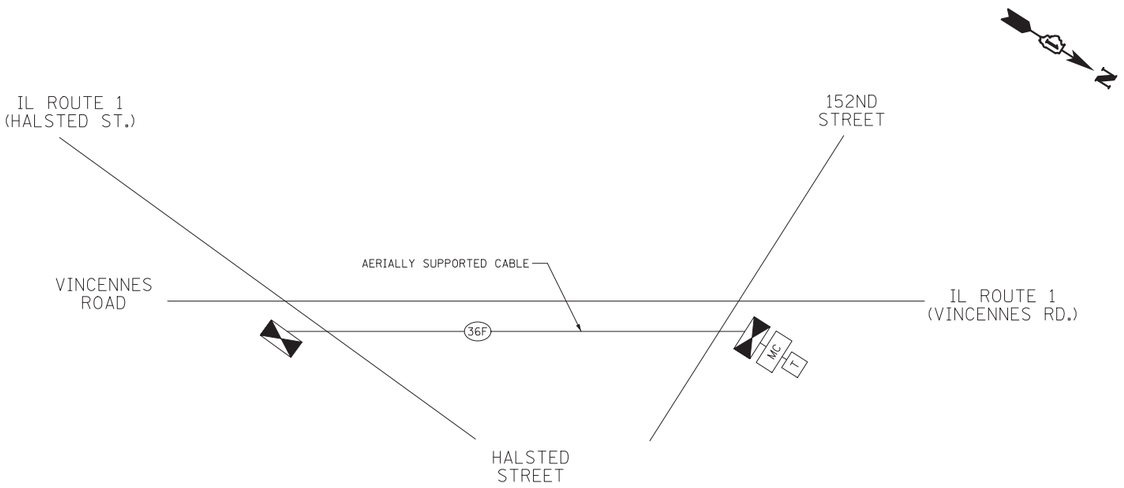
1) TRANSFER OF EXISTING TEMPORARY INTERCONNECT CABLE TO PROPOSED MUST BE COMPLETED IN ONE (1) WORKING DAY DURING NON-PEAK HOURS OR AS DIRECTED BY THE ENGINEER.

2) THE 2" CONDUIT USED FOR THE TEMPORARY INTERCONNECT CABLE SHALL BE REMOVED TO BELOW THE GROUND LEVEL AND CAPPED AT THE TIME THE TEMPORARY TRAFFIC SIGNAL IS REMOVED. THE CONDUIT, AS WELL AS ALL WORK ASSOCIATED WITH THE INSTALLATION AND REMOVAL OF IT, SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM, "TEMPORARY TRAFFIC SIGNAL INSTALLATION".



TEMPORARY INTERCONNECT DETAIL

(NOT TO SCALE)



TEMPORARY INTERCONNECT SCHEMATIC

(NOT TO SCALE)

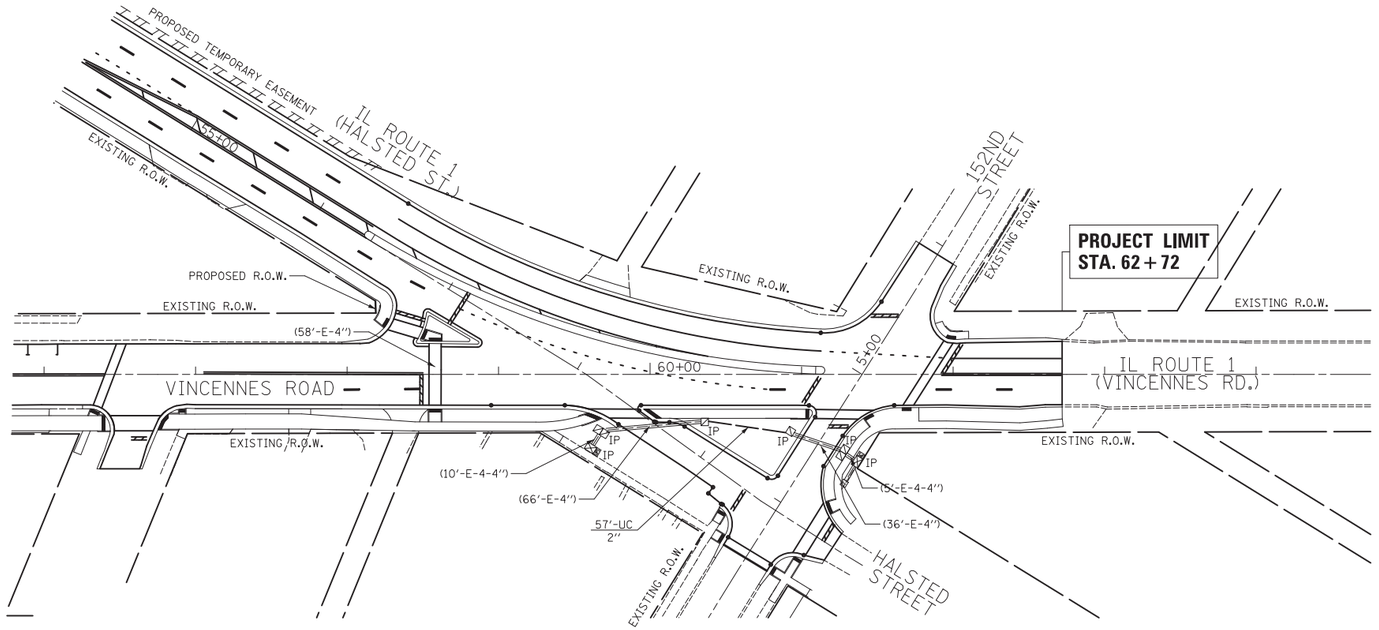
CIVILTECH	USER NAME = ojt	DESIGNED - BRD	REVISED -
		DRAWN - JRT	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - JJE	REVISED -
	PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN AND SCHEMATIC
IL ROUTE 1 (HALSTED ST.)

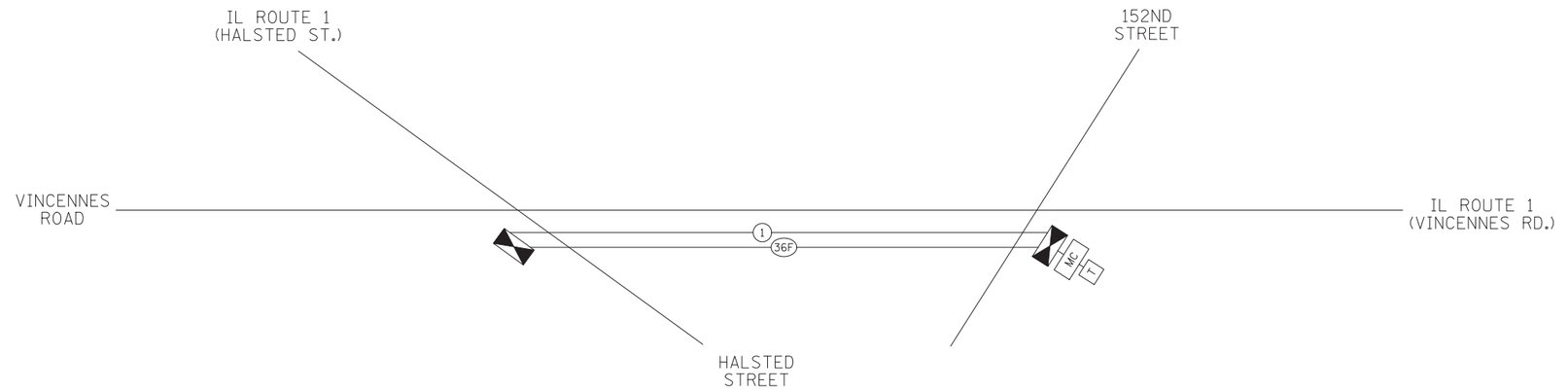
SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	94
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			



INTERCONNECT SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	57
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	222
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	245
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1



INTERCONNECT SCHEMATIC

(NOT TO SCALE)

USER NAME = ojt	DESIGNED - BRD	REVISED -	
	DRAWN - JRT	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - JJE	REVISED -	
PLOT DATE = 6/22/2016	DATE - 04/08/2016	REVISED -	

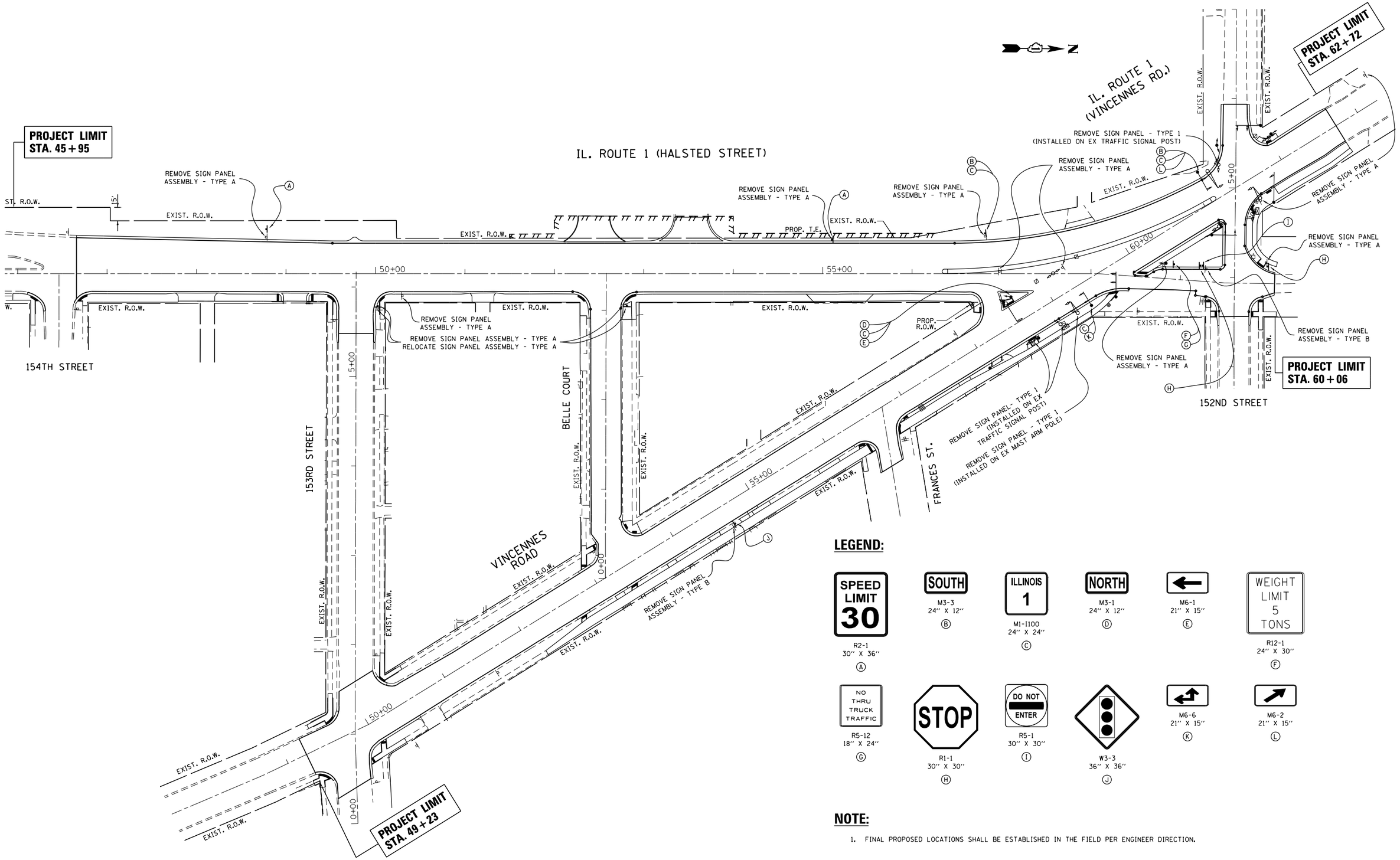
CIVILTECH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN AND SCHEMATIC
IL ROUTE 1 (HALSTED ST.)

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	95
		CONTRACT NO. 60T20		
	ILLINOIS	FED. AID PROJECT		



LEGEND:

SPEED LIMIT 30	SOUTH	ILLINOIS 1	NORTH		WEIGHT LIMIT 5 TONS
R2-1 30″ X 36″ Ⓐ	M3-3 24″ X 12″ Ⓑ	M1-1100 24″ X 24″ Ⓒ	M3-1 24″ X 12″ Ⓓ	M6-1 21″ X 15″ Ⓔ	R12-1 24″ X 30″ Ⓕ
NO THRU TRUCK TRAFFIC	STOP	DO NOT ENTER		M6-6 21″ X 15″ Ⓚ	M6-2 21″ X 15″ Ⓛ
R5-12 18″ X 24″ Ⓖ	R1-1 30″ X 30″ Ⓗ	R5-1 30″ X 30″ Ⓘ	W3-3 36″ X 36″ Ⓙ		

NOTE:

1. FINAL PROPOSED LOCATIONS SHALL BE ESTABLISHED IN THE FIELD PER ENGINEER DIRECTION.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\P122811\Data\Design\P122811-sht-schedule.dgn	USER NAME = tariqfm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/22/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
IL. ROUTE 1 AT VINCENNES ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	96
		CONTRACT NO. 60T20		
	ILLINOIS FED. AID PROJECT			

EXISTING HALSTED ST. SIGNS TO BE REMOVED:

STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	REMOVE SIGN PANEL - TYPE 1 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY	
					TYPE A (EACH)	TYPE B (EACH)
48+78.9	40.7' LT	SB	SPEED LIMIT (30)		1	
50+28.9	24.8' RT	NB	SPEED LIMIT (30)		1	
55+11.6	37.6'LT	SB	SPEED LIMIT (30)		1	
56+82.8	42.0' LT	SB	CARDINAL DIRECTION (SOUTH)		1	
			ILLINOIS ROUTE 1			
56+96.5	2.5' LT	NB	KEEP RIGHT		1	
57+66.1	56.9' RT	NB	TWO DIRECTION LARGE ARROW	6.00		
58+80.5	14.9' LT	NB	WEIGHT LIMIT 5 TONS		1	
			NO THRU TRUCK TRAFFIC			
59+29.0	14.1' LT	NB	STOP			1
		SB	ONE WAY DO NOT ENTER			
59+95.0	26.2' LT	SB	STOP		1	

EXISTING VINCENNES RD. SIGNS TO BE REMOVED:

STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	REMOVE SIGN PANEL - TYPE 1 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY	
					TYPE A (EACH)	TYPE B (EACH)
54+65.5	27.4' RT	NB	SIGNAL AHEAD			1
58+57.4	26.1' RT	NB	STOP HERE ON RED	5.00		
58+93.7	26.8' RT	NB	ILLINOIS ROUTE 1	4.00		
58+93.7	26.8' RT	NB	DIRECTIONAL ARROW (ONE ARROW LEFT, ONE ARROW UP)	2.19		
59+29.6	26.4 ' LT	SB	STOP HERE ON RED		1	
61+37.6	32.3' LT	SB	CARDINAL DIRECTION (SOUTH)	2.00		
61+37.6	32.3' LT	SB	ILLINOIS ROUTE 1	4.00		
61+37.6	32.3' LT	SB	DIRECTIONAL ARROW (ONE ARROW UPPER RIGHT)	2.19		
61+55.1	26.9' RT	NB	INGALLS HOSPITAL		1	
			H			
			ARROW (UP)			
63+30.8	31.0' LT	SB	ADVANCE INTERSECTION LANE CONTROL		1	

EXISTING BELLE CT. SIGNS TO BE REMOVED:

STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)
3+07.2 *	20.1' RT	WB	STOP	1
		EB	WEIGHT LIMIT 5 TON	

* THIS SIGN PANEL ASSEMBLY SHALL BE RELOCATED. SEE "EXISTING BELLE CT. SIGNS TO BE RELOCATED" SCHEDULE FOR LOCATION.

EXISTING 153RD ST. SIGNS TO BE REMOVED:

STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)
5+75.5 *	25.4' RT	WB	STOP	1

* THIS SIGN PANEL ASSEMBLY SHALL BE RELOCATED. SEE "EXISTING 153RD ST. SIGNS TO BE RELOCATED" SCHEDULE FOR LOCATION

EXISTING BELLE CT. SIGNS TO BE RELOCATED:

STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)
3+05.1	23.1' RT	WB	STOP	1	16.33	1
		EB	WEIGHT LIMIT 5 TON			

EXISTING 153RD ST. SIGNS TO BE RELOCATED:

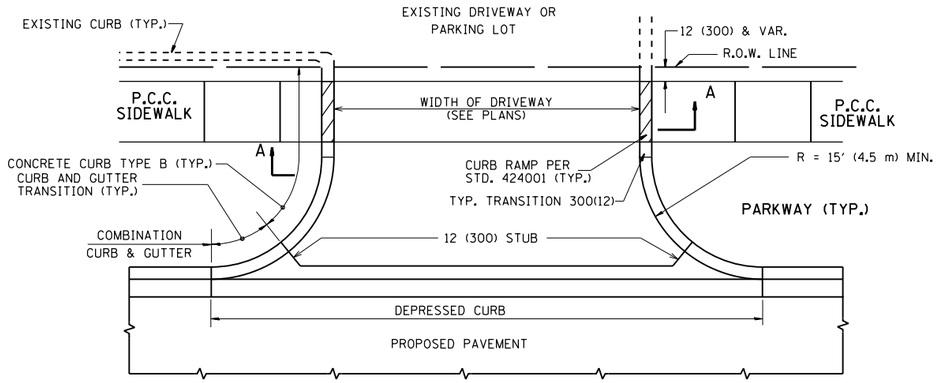
STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)
5+78.8	24.2' RT	WB	STOP	1	15.33	1

PROPOSED HALSTED ST. SIGNS:

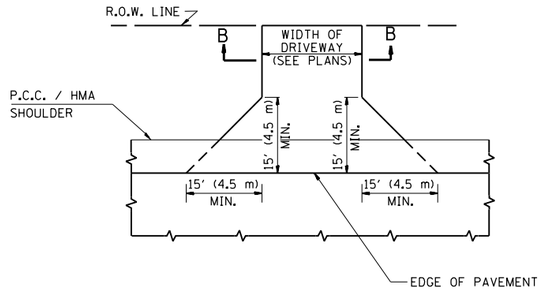
SIGN CODE	LEGEND LETTER	STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	SIGN PANEL - TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)	NOTES
R2-1	A	48+78.9	49.7' LT	SB	SPEED LIMIT (30)	7.50	15.83	1	
R2-1	A	SEE NOTES		NB	SPEED LIMIT (30)	7.50	15.83	1	LOCATION TO BE DETERMINED BY ENGINEER AND IDOT BUREAU OF TRAFFIC
R2-1	A	55+11.5	38.2' LT	SB	SPEED LIMIT (30)	7.50	15.83	1	
M3-3	B	56+82.5	45.1' LT	SB	CARDINAL DIRECTION (SOUTH)	2.00	15.83	1	
M1-I100	C				ILLINOIS ROUTE 1	4.00			
M3-1	D	57+10.4	26.0' RT	NB	CARDINAL DIRECTION (NORTH)	2.00			TO BE INSTALLED ON TRAFFIC SIGNAL POST
M1-I100	C				ILLINOIS ROUTE 1	4.00			
M6-1	E				DIRECTIONAL ARROW (LEFT)	2.19			
R12-1	F	58+92.0	16.6' LT	NB	WEIGHT LIMIT 5 TONS	5.00	17.33	1	
R5-12	G				NO THRU TRUCK TRAFFIC	3.00			
R1-1	H	59+21.1	17.2' LT	NB	STOP	6.25	15.33	1	
R5-1	I	59+23.8	17.5' LT	SB	DO NOT ENTER	6.25	15.33	1	
R1-1	H	59+97.4	19.3' LT	SB	STOP	6.25	15.33	1	

PROPOSED VINCENNES RD. SIGNS:

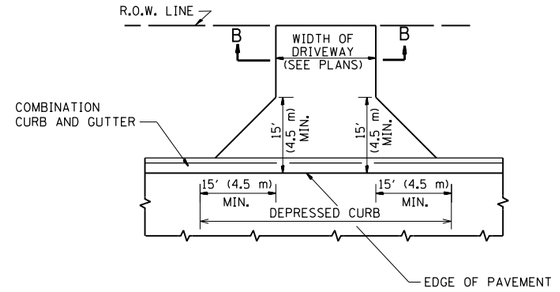
SIGN CODE	LEGEND LETTER	STATION	OFFSET	FACING TRAFFIC	PANEL DESCRIPTION	SIGN PANEL - TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)	NOTES
W3-3	J	54+65.5	24.9' RT	NB	SIGNAL AHEAD	9.00	15.83	1	
M1-I100	C	59+33.8	26.9' RT	NB	ILLINOIS ROUTE 1	4.00			TO BE INSTALLED ON MAST ARM POLE
M6-6	K				DIRECTIONAL ARROW (ONE ARROW LEFT, ONE ARROW UP)	2.19			
M3-3	B	61+13.1	37.3' LT	SB	CARDINAL DIRECTION (SOUTH)	2.00			TO BE INSTALLED ON MAST ARM POLE
M1-I100	C				ILLINOIS ROUTE 1	4.00			
M6-2	L				DIRECTIONAL ARROW (ONE ARROW UPPER RIGHT)	2.19			



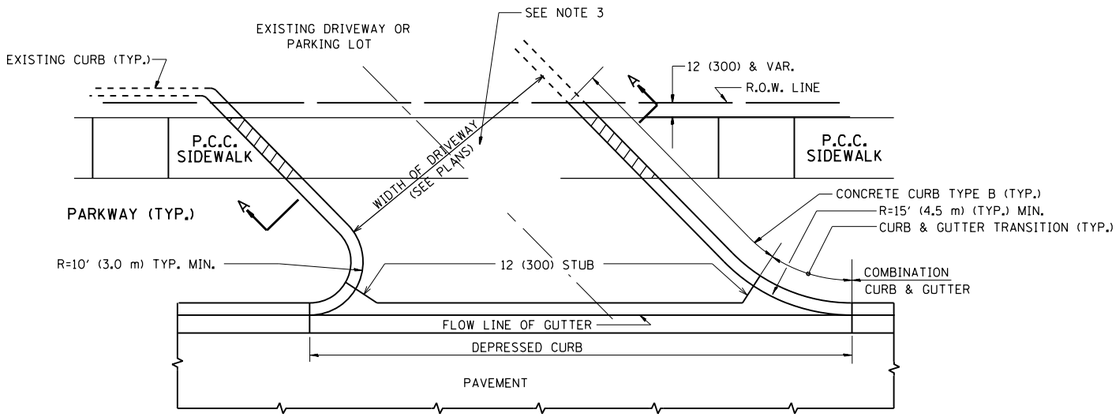
WITH CONCRETE CURB, TYPE B



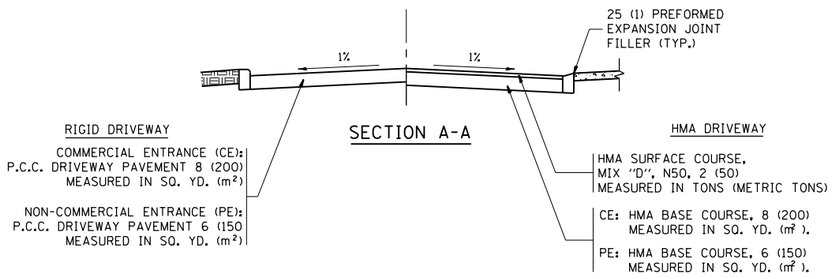
ADJACENT TO P.C.C. / HMA SHOULDER

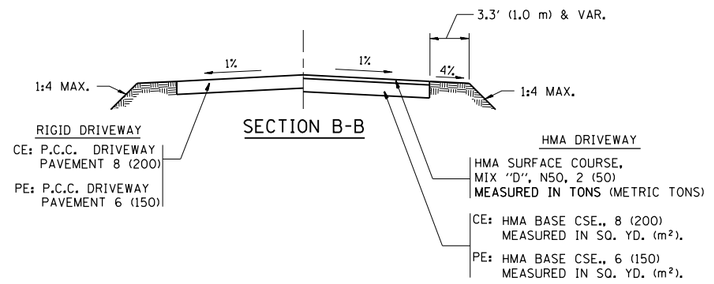


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m^2).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

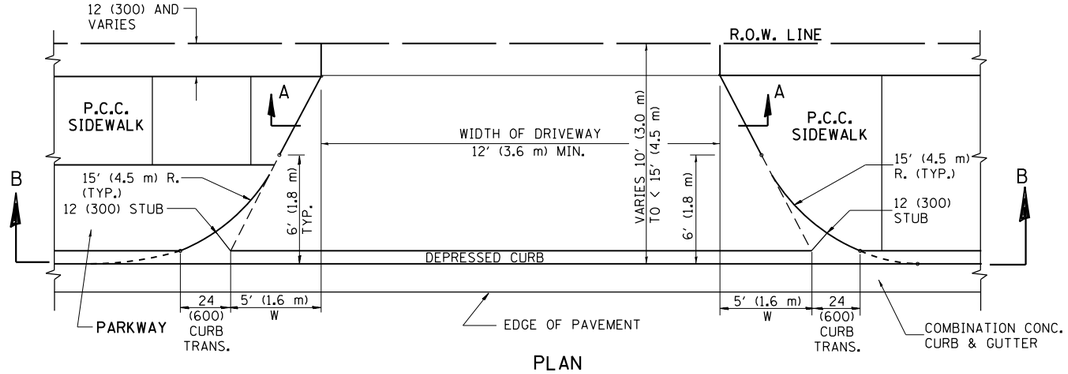
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\P1228\DRAWINGS\Data\Design\DistStd.dgn	USER NAME = tariqfm	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 6/22/2016	DATE - 11-04-95	REVISED - R. BORO 06-11-08
			REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER > = 15' (4.5 m)

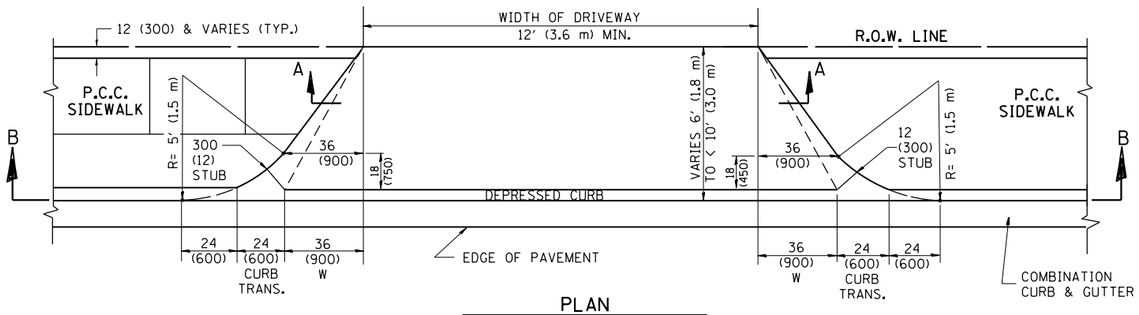
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	3262N-1	COOK	121	99
	BD0156-07 (BD-01)	CONTRACT NO. 60T20		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



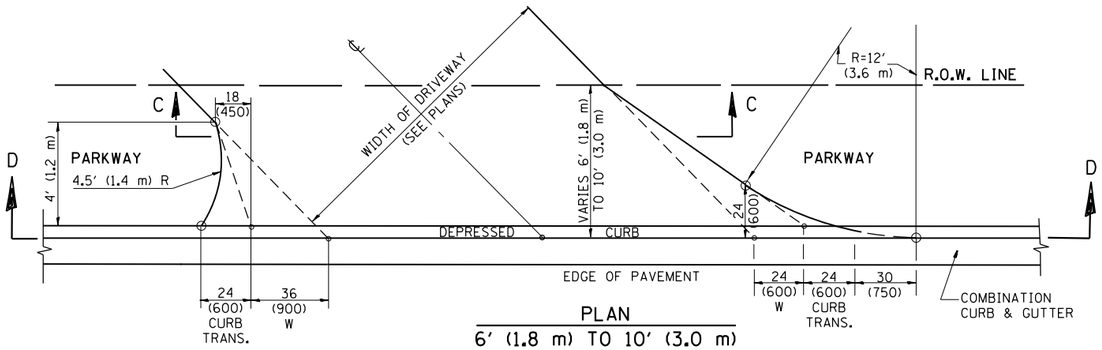
PLAN

10' (3.0 m) TO < 15' (4.5 m)



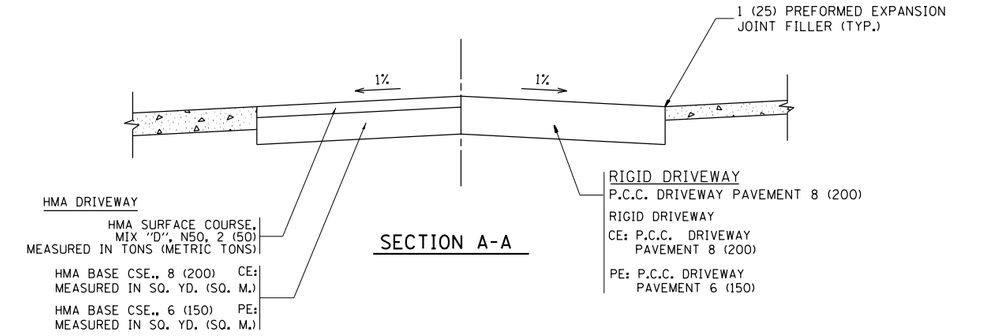
PLAN

6' (1.8 m) TO < 10' (3.0 m)

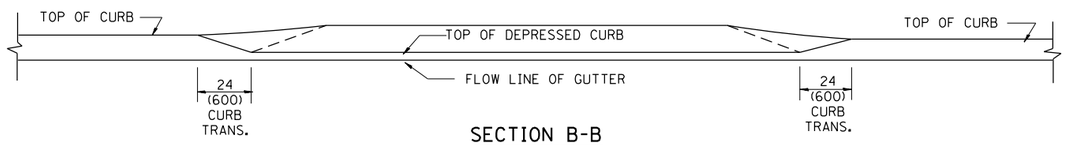


PLAN

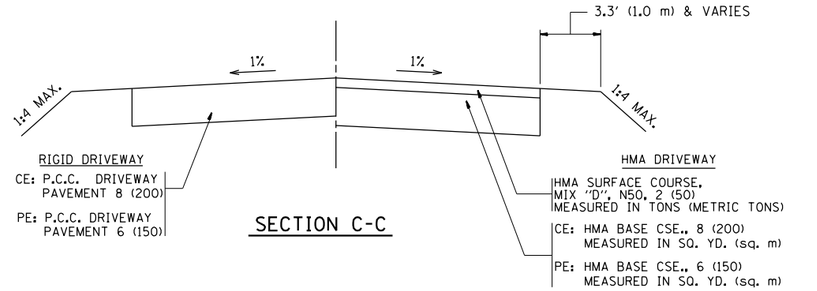
6' (1.8 m) TO 10' (3.0 m)



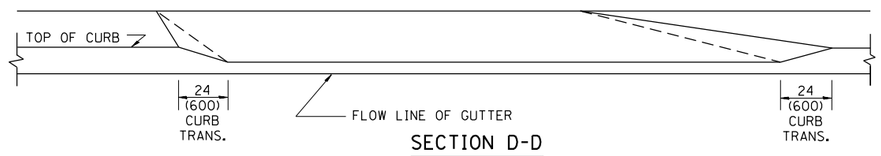
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\P1228\DRAWINGS\Design\DistStd.dgn	USER NAME = tariqfm	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - P. LaFLEUR 04-15-03			3730	3262N-1	COOK	121	100
	PLOT DATE = 6/22/2016	DATE - 11-06-95	REVISED - R. BORO 01-01-07				BD400-02 (BD-02)		CONTRACT NO. 60T20	
			REVISED - R. BORO 01-01-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	