

1-17-14 LETTING ITEM 006

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	1
		ILLINOIS	CONTRACT NO. 60L73	

*152+6=158

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE
CITY OF COUNTRYSIDE AND
VILLAGE OF HODGKINS

TRAFFIC DATA
ADT:

US RTE. 12/20/45 (SOUTH LEG) = 36,400 (2003) 37,000 (2030)
US RTE. 12/20/45 (NORTH LEG) = 38,700 (2003) 39,000 (2030)
JOLIET ROAD (WEST LEG) = 22,600 (2003) 22,000 (2030)
JOLIET ROAD (EAST LEG) = 23,500 (2003) 22,000 (2030)

DESIGN SPEED:

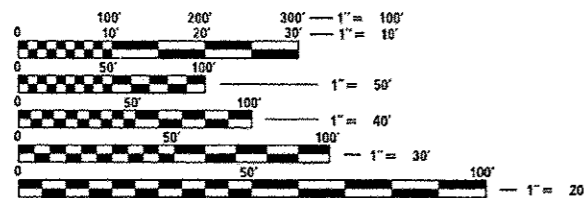
US RTE. 12/20/45 = 45 MPH
JOLIET ROAD (WEST LEG) = 50 MPH
JOLIET ROAD (EAST LEG) = 45 MPH

POSTED SPEED LIMIT:

US RTE. 12/20/45 = 35 MPH
JOLIET ROAD (WEST LEG) = 40 MPH
JOLIET ROAD (EAST LEG) = 35 MPH

DESIGN DESIGNATION:

US RTE. 12/20/45 3,680(30) OTHER PRINCIPAL ARTERIAL 4.84 (FD-20)
JOLIET ROAD 2,125(30) MINOR ARTERIAL 4.84 (FD-20)

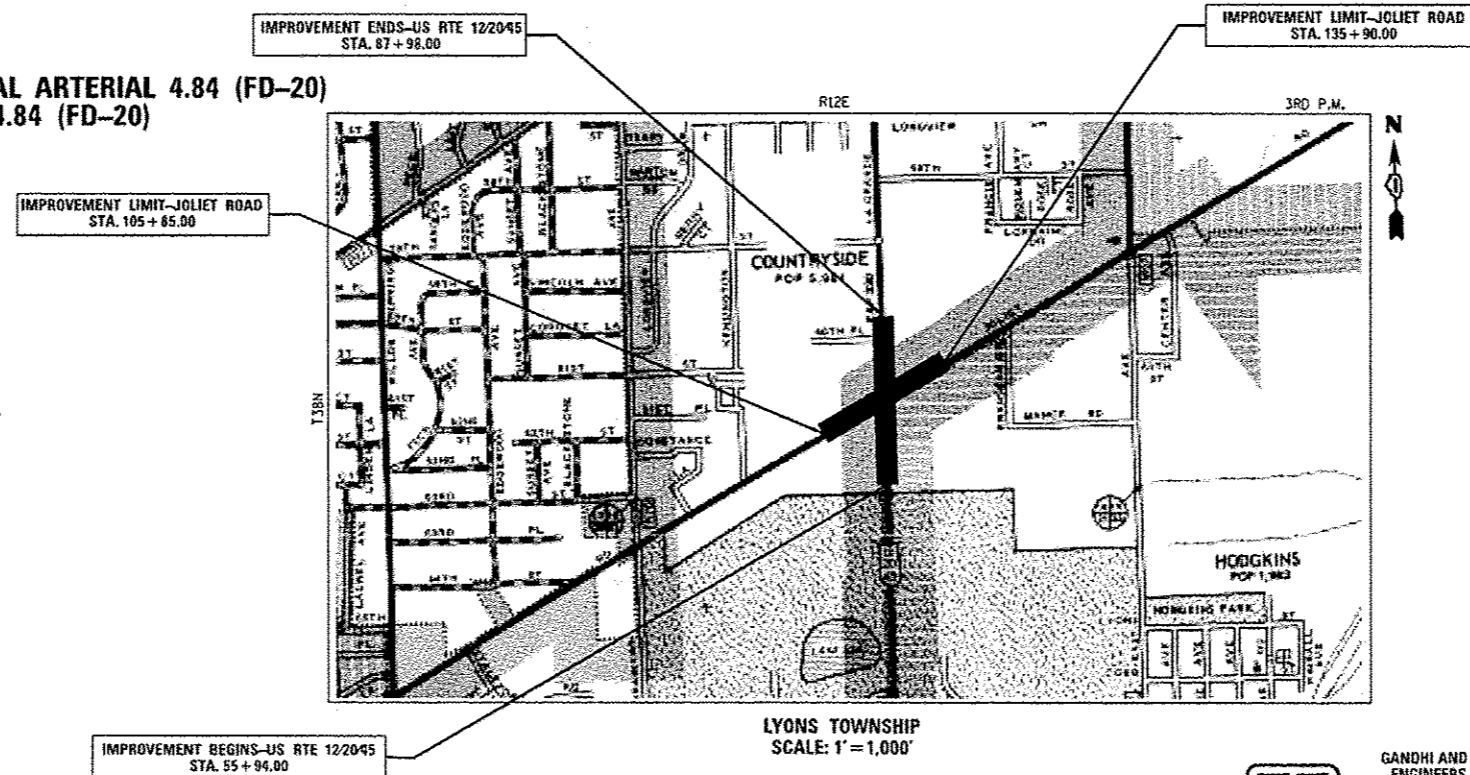


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT ONE - DESIGN
PROJECT MANAGER: ISAAC KWARTENG (847) 705-4230
PROJECT ENGINEER: ALIX BRICE (847) 705-4552
CONTRACT NO. 60L73

FAP ROUTE 330 (US RTE. 12/20/45) (LaGRANGE ROAD)
SECTION NO.: 2010-082-1
AT JOLIET ROAD
PROJECT NO.: ACNHPP-0330(075)
INTERSECTION RECONSTRUCTION
COOK COUNTY
C-91-012-11



GROSS & NET LENGTH OF PROJECT = 1,983 FT. = 0.37 MILES

D-91-012-11



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 8 2013
John P. ...
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 6 2013
John D. Baranzelli, PE, LE
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 2013
Omer Osman, PE, LE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY, SUITE 306
CHICAGO, IL 60631
(773) 774-5910

SIGNATURE: [Signature]
DATE: 10-7-2013
IL LICENSE NO. 062-034993
EXP. DATE: NOVEMBER 30, 2013
FIELD: GANDHI AND ASSOCIATES, INC.
TRAFFIC SIGNALS/ROADWAY LIGHTING
(SHEETS 74 TO 114)

JJB
JAMES J. BENES & ASSOCIATES
CONSULTING ENGINEERS
950 WARRENVILLE ROAD, SUITE 101
Lisle, IL 60532
(630) 719-7870

SIGNATURE: [Signature]
DATE: 10/7/2013
IL LICENSE NO. 062-045065
EXP. DATE: NOVEMBER 30, 2013
FIELD: JAMES J. BENES AND ASSOCIATES, INC.
CIVIL ENGINEERING
(SHEETS 1 TO 73 AND 115 TO 152)

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COMMITMENTS: NONE

LIST OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542606-02	REINFORCED CONCRETE PIPE TEE
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE TYPE B
604091-02	FRAME AND GRATE TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIAN
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701101-04	OFF-RD OPERATIONS, MULTILANE, 15'(4.5M) TO 24'(6.00MM) FROM PAVEMENT EDGE
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
780001-04	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRIC SERVICE INSTALLATION DETAILS
814001-02	CONCRETE HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

LIST OF DISTRICT ONE DETAILS sheets 116 - 129

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB/EDGE OF SHOULDER >= 15' (4.5 m)
BD-02	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE < 15' (4.5 m)
BD-05	DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTED WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-36	FIRE HYDRANT TO BE MOVED
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED RELECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

GENERAL NOTES

- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES AND THE CITY OF COUNTRYSIDE AND VILLAGE OF HODGKINS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE AFFECTS TO THE VISIBILITY OF THE MOTORING PUBLIC AS WELL AS THE ADJOINING RESIDENTIAL AREAS.
- TEN (10) FOOT LONG TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER, SHOULDER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN, UNLESS OTHERWISE SHOWN ON THE PLANS. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- SAW CUTTING OF PAVEMENTS, SHOULDERS, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- STATIONING FOR ALL DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE. OFFSETS FOR CURB LINE INLETS AND CATCH BASINS ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL CURB LINE DRAINAGE STRUCTURES ARE PROPERLY ALIGNED WITH THE PROPOSED CURB AND GUTTER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF ANY WORK.
- THE ENGINEER SHALL CONTACT JERNARD PERKINS, AREA TRAFFIC FIELD TECHNICIAN, AT (708) 524-2145 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS, AND CAUSED BY THE CONTRACTOR'S NEGLIGENCE, SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- DOUBLE LANE MAKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATION- RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE PERFORMED BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 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 CHECK SHEET #19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- THIS PROJECT MUST COMPLY WITH N.P.D.E.S. REGULATIONS. SEE EROSION AND SEDIMENT CONTROL PLAN FOR PROJECT SPECIFICATIONS.

DESIGNED - BDH	REVISOR	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS AND STATE STANDARDS		F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 2	
DRAWN - BCD	REVISION		SCALE: N/A	SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT					
CHECKED - BDH	REVISION									
DATE 10-16-13	REVISION									

⊕ - DENOTES SPECIALTY ITEMS
 △ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES															
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 @ JOLIET RD	TRAFFIC SIGNALS US 12/20/45 @ 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD @ QUARRY	US 12/20/45 @ JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK					
				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	6	6															
20101200	TREE ROOT PRUNING	EACH	2	2															
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1															
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,980	5,980															
20400800	FURNISHED EXCAVATION	CU YD	563	563															
20800150	TRENCH BACKFILL	CU YD	563	563															
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	1,009	1,009															
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	11,789	11,789															
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	150	150															
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	150	150															
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	150	150															
25100630	EROSION CONTROL BLANKET	SO YD	11,789	11,789															
25200110	SODDING, SALT TOLERANT	SO YD	11,789	11,789															
25200200	SUPPLEMENTAL WATERING	UNIT	248	248															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	244	244															
28000400	PERIMETER EROSION BARRIER	FOOT	2,883	2,883															
28000500	INLET AND PIPE PROTECTION	EACH	3	3															
28000510	INLET FILTERS	EACH	81	81															
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	168	168															

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				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	6,521	6,521													
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	2,454	2,454													
35501318	HOT-MIX ASPHALT BASE COURSE, 8-1/2"	SO YD	4,769	4,769													
35600710	HOT-MIX ASPHALT BASE COURSE WIDENING, 8-1/2"	SO YD	457	457													
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1,047	1,047													
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	29	29													
40600300	AGGREGATE (PRIME COAT)	TON	83	83													
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	3	3													
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2,713	2,713													
40600895	CONSTRUCTING TEST STRIP	EACH	2	2													
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	120	120													
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	2,307	2,307													
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	275	275													
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	3,451	3,451													
42001300	PROTECTIVE COAT	SO YD	5,584	5,584													
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	163	163													
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	16,005	14,444													1,561
42400800	DETECTABLE WARNINGS	SO FT	83	83													
44000100	PAVEMENT REMOVAL	SO YD	51	51													

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				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 20% COUNTRYSIDE 0021			
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SO YD	388	388													
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SO YD	465	465													
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7,058	7,058													
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER	EACH	2	2													
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	578	578													
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	45	45													
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	92	92													
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	136	136													
55100400	STORM SEWER REMOVAL 10"	FOOT	87	87													
55100500	STORM SEWER REMOVAL 12"	FOOT	189	189													
55101400	STORM SEWER REMOVAL 30"	FOOT	188	188													
56400100	FIRE HYDRANTS TO BE MOVED	EACH	5													5	
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	4													4	
60107600	PIPE UNDERDRAINS 4"	FOOT	1,948	1,948													
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4	4													
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1													
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	34	34													
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2													
60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	3	3													

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60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4													
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	15	15													
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2													
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4													
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1													
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4													
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1													
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1													
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3													
60255500	MANHOLES TO BE ADJUSTED	EACH	16	13												3	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	7	5												2	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	6													6	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	9													9	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	43	35												8	
60404300	FRAMES AND GRATES, TYPE 3	EACH	2	2													
60404950	FRAMES AND GRATES, TYPE 24	EACH	20	20													
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	23	19												4	
60500040	REMOVING MANHOLES	EACH	3	3													
60500050	REMOVING CATCH BASINS	EACH	38	38													

⊕ - DENOTES SPECIALTY ITEMS

△ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 @ JOLIET RD	TRAFFIC SIGNALS US 12/20/45 @ 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD @ QUARRY	US 12/20/45 @ JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK			
				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021		
60500205	FILLING CATCH BASINS	EACH	4	4													
60500305	FILLING INLETS	EACH	2	2													
60600605	CONCRETE CURB, TYPE B	FOOT	448	448													
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,197	1,197													
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	7,526	7,526													
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	179	179													
60624620	CORRUGATED MEDIAN (MODIFIED)	SQ FT	352	352													
66900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	3	3													
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	6,000	6,000													
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1													
66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5													
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9													
67100100	MOBILIZATION	L SUM	1	1													
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	185	185													
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18													
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,831	1,831													
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1,677	1,677													
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	32,779	32,779													
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7,333	7,333													

● - DENOTES SPECIALTY ITEMS

△ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 @ JOLIET RD	TRAFFIC SIGNALS US 12/20/45 @ 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD QUARRY	US 12/20/45 @ JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK			
				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	68	68													
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	194	194													
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	655	655													
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	25,041	25,041													
70400100	TEMPORARY CONCRETE BARRIER	FOOT	220	220													
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3													
72000100	SIGN PANEL - TYPE 1	SO FT	390	356.5	33.5												
72000200	SIGN PANEL - TYPE 2	SO FT	37.5		37.5												
72900200	METAL POST - TYPE B	FOOT	475	475													
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1,487	1,487													
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	25,773	25,773													
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6,207	6,207													
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	102	102													
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	549	549													
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	462	462													
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	427	427													
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	153	153													
78200530	BARRIER WALL MARKERS, TYPE C	EACH	22	22													
78300100	PAVEMENT MARKING REMOVAL	SO FT	3,899	3,899													

● - DENOTES SPECIALTY ITEMS
 △ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES													
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 JOLIET RD	TRAFFIC SIGNALS US 12/20/45 @ 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD QUARRY	US 12/20/45 JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK			
				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	427	427													
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1												
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,953		1,534					2,419							
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	69		69												
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	39		39												
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	651		651												
81400100	HANDHOLE	EACH	9		7					2							
81400200	HEAVY-DUTY HANDHOLE	EACH	4		4												
81400300	DOUBLE HANDHOLE	EACH	2		2												
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	3								3						
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4								4						
84200804	REMOVAL OF POLE FOUNDATION	EACH	4								4						
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1							1							
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1		1												
87300925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	6,994							6,994							
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,418		1,418												
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,120		2,120												
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,442		2,442												
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,741		2,741												

● - DENOTES SPECIALTY ITEMS

△ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 JOLIET RD	TRAFFIC SIGNALS US 12/20/45 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD QUARRY	US 12/20/45 JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK		
				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7,459		7,182					277						
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	218		218											
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	977		977											
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2		2											
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1											
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1											
87702760	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 52 FT.	EACH	1		1											
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8		8											
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4											
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	62		62											
87900200	DRILL EXISTING HANDHOLE	EACH	10							10						
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8		8											
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8		8											
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2		2											
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4											
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1		1											
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	16		16											
88500100	INDUCTIVE LOOP DETECTOR	EACH	17		17											
88600100	DETECTOR LOOP, TYPE I	FOOT	1,394		859					535						

DESIGNED - BDH	REVISOR -	STATE OF ILLINOIS	F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 8C
DRAWN - BCO	REVISOR -	DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		CONTRACT NO. 60L73		
CHECKED - BDH	REVISOR -	SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
DATE 10-16-13	REVISOR -						

● - DENOTES SPECIALTY ITEMS

△ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 JOLIET RD	TRAFFIC SIGNALS US 12/20/45 Q 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD QUARRY	US 12/20/45 JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK	
				80% FED 20% STATE 0004	80% FED 10% STATE 10% COUNTRYSIDE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	80% FED 20% STATE 0021	100% COUNTRYSIDE 0021	100% COUNTRYSIDE 0043	100% S. LYONS TOWN SAN DISTRICT 0043	80% FED 20% COUNTRYSIDE 0021	
88700200	LIGHT DETECTOR	EACH	3							3					
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1							1					
88800100	PEDESTRIAN PUSH-BUTTON	EACH	6		6										
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4		1	1	1	1							
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5,478							5,478					
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1										
89502380	REMOVE EXISTING HANDHOLE	EACH	25		18					7					
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5		5										
Z0007510	ENGINEERED BARRIER	SO YD	400	400											
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SO FT	216	216											
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1											
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	384	384											
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1							1					
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	311	311											
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4		1	1	1	1							
A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	22	22											
A2005020	TREE, GYMNOCLADUS DJOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8											
A2007920	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7											

⊕ - DENOTES SPECIALTY ITEMS

☐ NON-PARTICIPATING (100% STATE)

△ - 0042 COST CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES																
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 @ JOLIET RD	TRAFFIC SIGNALS US 12/20/45 @ 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD @ QUARRY	US 12/20/45 @ JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK						
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D2C01018	EVERGREEN, JUNIPERUS HORIZONTALIS WILTONII (BLUE RUG JUNIPER), 18" WIDTH, CONTAINER	EACH	30	30																
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	5	5																
X0323927	MAINTENANCE OF LIGHTING SYSTEM	EACH	1										1							
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	660		660															
X0325130	TUBULAR TRAFFIC SIGN POST	EACH	13	13																
Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	10	10																
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	5,810	5,810																
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	574	574																
☐ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	128	128																
☐ X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	339	339																
☐ X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	360	360																
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	22	14										3	5					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	631	631																
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	13,931	13,931																
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	2,224	2,224																
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	411	411																
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	208	208																

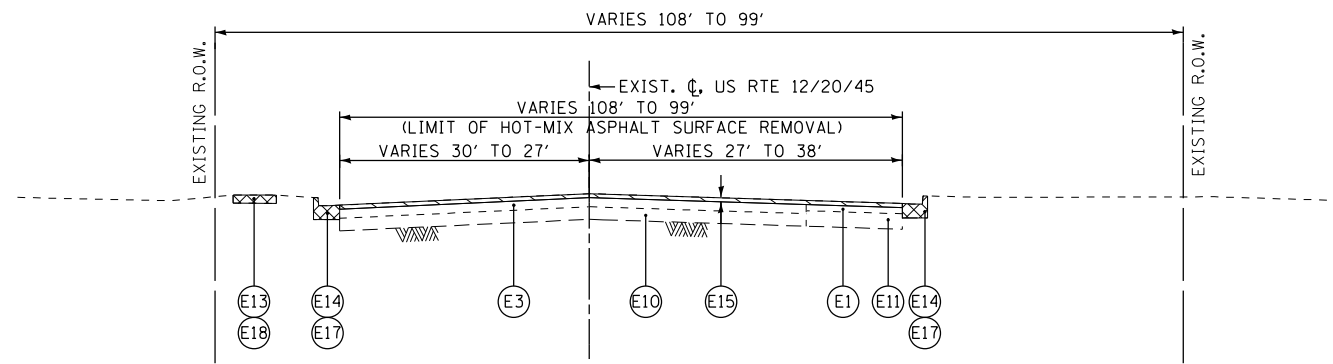
⊙ - DENOTES SPECIALTY ITEMS

△ - 0042 COST CODE

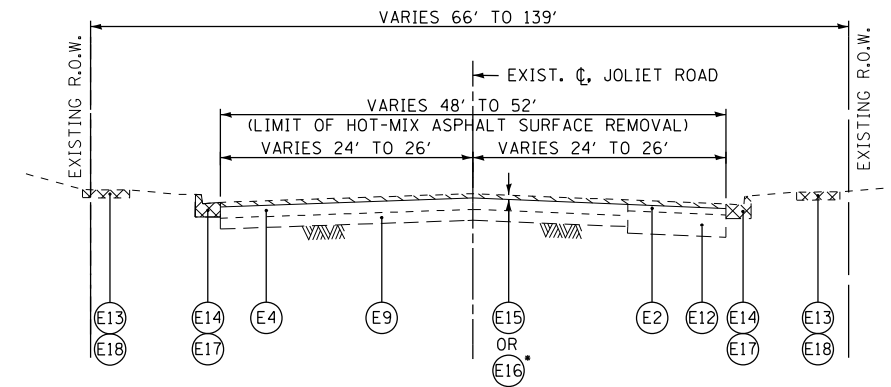
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES												
				ROADWAY	TRAFFIC SIGNALS US 12/20/45 @ JOLIET RD	TRAFFIC SIGNALS US 12/20/45 @ 63RD STREET	TRAFFIC SIGNALS US 12/20/45 COUNTRYSIDE	TRAFFIC SIGNALS JOLIET ROAD @ QUARRY	US 12/20/45 @ JOLIET RD PRE-EMPTION EQUIPMENT	TRAFFIC SIGNAL INTERCONNECT	LIGHTING	UTILITIES	UTILITIES	SIDEWALK		
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X8140115	HANDHOLE TO BE ADJUSTED	EACH	5	5												
X8140215	HEAVY-DUTY HANDHOLE TO BE ADJUSTED	EACH	2	2												
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1											
X8620200	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	1		1											
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7,098								7,098					
87702729	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 54 FT.	EACH	1		1											
10056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	484	484												
54215985	REINFORCED CONCRETE PIPE ELBOW 30"	EACH	1	1												
∅ 10076600	TRAINEES	HOUR	1500	1500												
X6061122	CONCRETE MEDIAN, TYPE SB-6 (DOWELLED)	SO FT	6,510	6,510												
∅ 10076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1500	1500												

∅ 0042

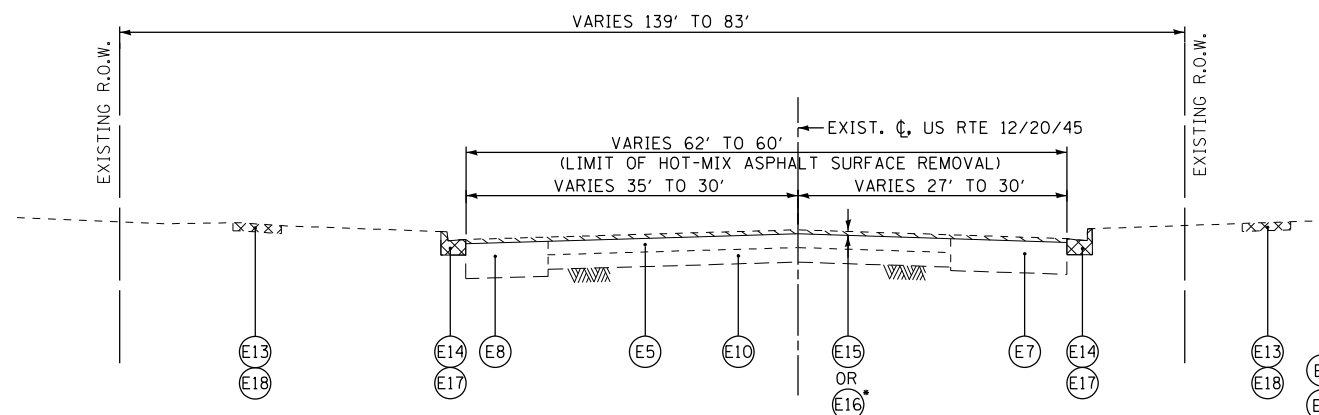


EXISTING TYPICAL SECTION - US RTE 12/20/45
STA. 62+17.00 TO STA. 72+15.02



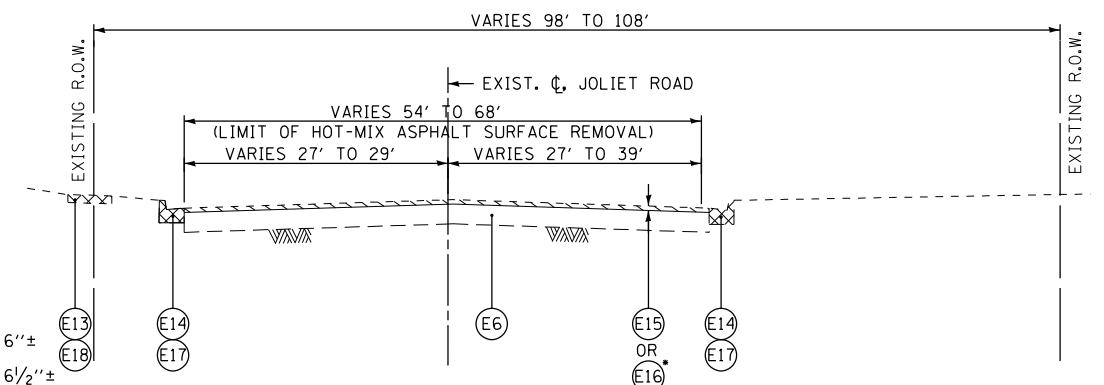
• STA. 118+50 TO STA. 120+02.85

EXISTING TYPICAL SECTION - JOLIET ROAD
STA. 108+00.00 TO STA. 120+02.85



• STA. 74+50 TO STA. 75+50 AND
STA. 76+50 TO STA. 77+50

EXISTING TYPICAL SECTION - US RTE 12/20/45
STA. 72+15.02 TO STA. 82+00.00



• STA. 123+50 TO STA. 124+00 AND
STA. 125+50 TO STA. 129+00

EXISTING TYPICAL SECTION - JOLIET ROAD
STA. 120+02.85 TO STA. 129+00.00

LEGEND

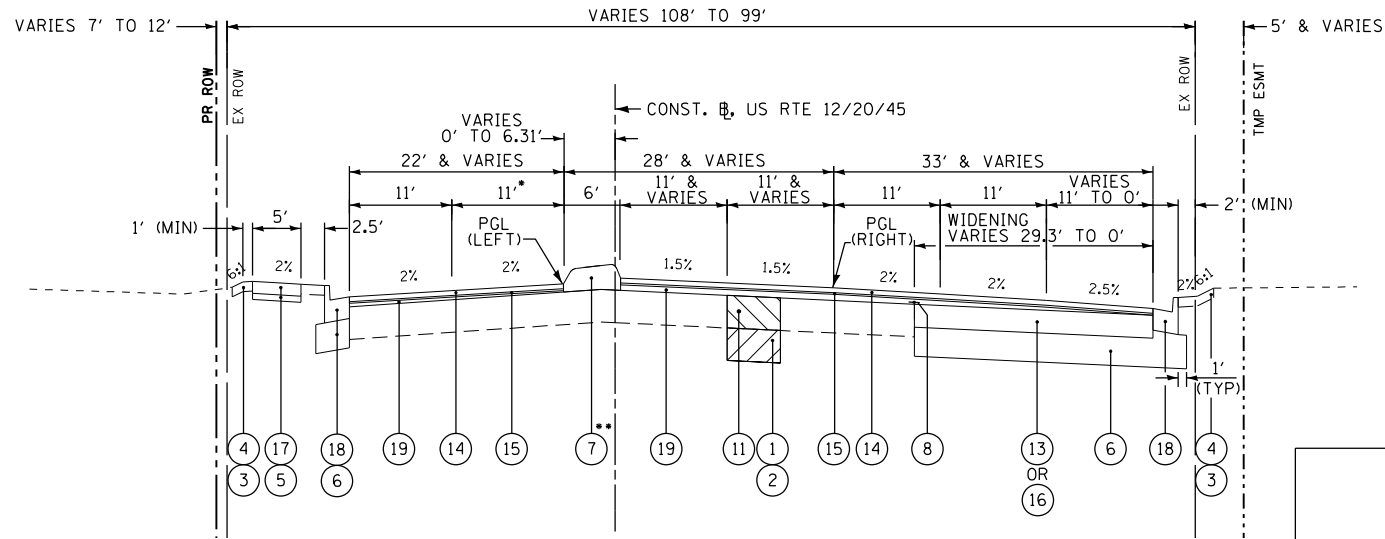
- ⓔ1 EXISTING HOT-MIX ASPHALT PAVEMENT 6"±
- ⓔ2 EXISTING HOT-MIX ASPHALT PAVEMENT 6½"±
- ⓔ3 EXISTING HOT-MIX ASPHALT PAVEMENT 8"±
- ⓔ4 EXISTING HOT-MIX ASPHALT PAVEMENT 9½"±
- ⓔ5 EXISTING HOT-MIX ASPHALT PAVEMENT 10½"±
- ⓔ6 EXISTING HOT-MIX ASPHALT PAVEMENT 15"±
- ⓔ7 EXISTING HOT-MIX ASPHALT PAVEMENT 20½"±
- ⓔ8 EXISTING HOT-MIX ASPHALT PAVEMENT 22½"±
- ⓔ9 EXISTING PCC PAVEMENT 6½"±
- ⓔ10 EXISTING PCC PAVEMENT 8"±
- ⓔ11 EXISTING PCC PAVEMENT 10½"±
- ⓔ12 EXISTING PCC PAVEMENT 13½"±
- ⓔ13 EXISTING PCC SIDEWALK
- ⓔ14 EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⓔ15 HOT-MIX ASPHALT SURFACE REMOVAL, 2¾"
- ⓔ16 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE THICKNESS (MIN 2¾")
- ⓔ17 COMBINATION CURB AND GUTTER REMOVAL
- ⓔ18 SIDEWALK REMOVAL (AT LOCATIONS DESIGNATED BY THE ENGINEER)

FILE NAME =	USER NAME = *USER*	DESIGNED - BDH	REVISED -
#FILE#		DRAWN - BCD	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - BDH	REVISED -
	PLOT DATE = *DATE*	DATE - 10-16-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

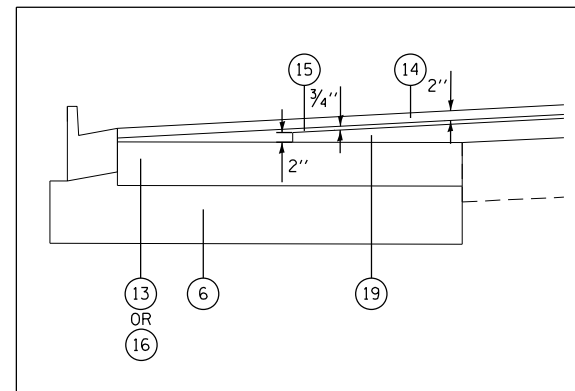
EXISTING TYPICAL SECTIONS			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	9
CONTRACT NO. 60L73				
ILLINOIS FED. AID PROJECT				



- 12' FROM STA. 62+17.00 TO 65+28.83
- SEE BD-05 DISTRICT ONE DETAIL FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)

PROPOSED TYPICAL SECTION - US RTE 12/20/45
STA. 62+17.00 TO STA. 72+15.02



PAVEMENT TRANSITION DETAIL

LEGEND

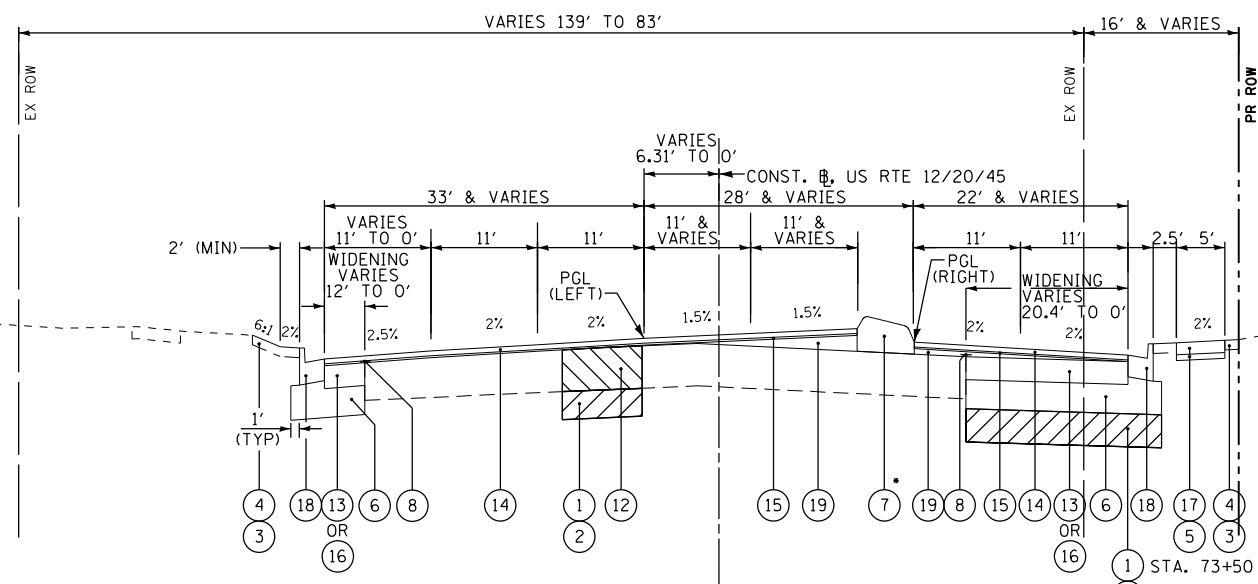
- ① AGGREGATE SUBGRADE IMPROVEMENT (AT LOCATIONS DESIGNATE BY THE ENGINEER OR AS SHOWN ON THE PLANS)
- ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATE BY THE ENGINEER OR AS SHOWN ON THE PLANS)
- ③ TOPSOIL FURNISH AND PLACE, 4"
- ④ SODDING, SALT TOLERANT (SEE LANDSCAPING PLANS)
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 2" (COST INCLUDED IN P.C.C. SIDEWALK 5")
- ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑦ CONCRETE MEDIAN, TYPE SB-6 (DOWELLED)
- ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑨ CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ⑩ CLASS D PATCHES, 13" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ⑪ CLASS D PATCHES, 14" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ⑫ CLASS D PATCHES, 17" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- ⑬ HOT-MIX ASPHALT BASE COURSE, 8 1/2" (IN 3 LIFTS) (FOR WIDENING GREATER THAN 6 FT)
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- ⑮ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" AND VARIES) - SEE DETAIL
- ⑯ HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1*2" (IN 3 LIFTS) (FOR WIDENING 6 FT AND LESS)
- ⑰ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑱ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑲ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, VARIABLE DEPTH (2" MINIMUM THICKNESS) - SEE DETAIL

SOILS NOTE:

AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED AT THE LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGE. IF UNSTABLE SOIL IS NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

THE LIMITS OF UNSTABLE SOILS ARE AT THE APPROXIMATE LOCATIONS AS FOLLOWS:

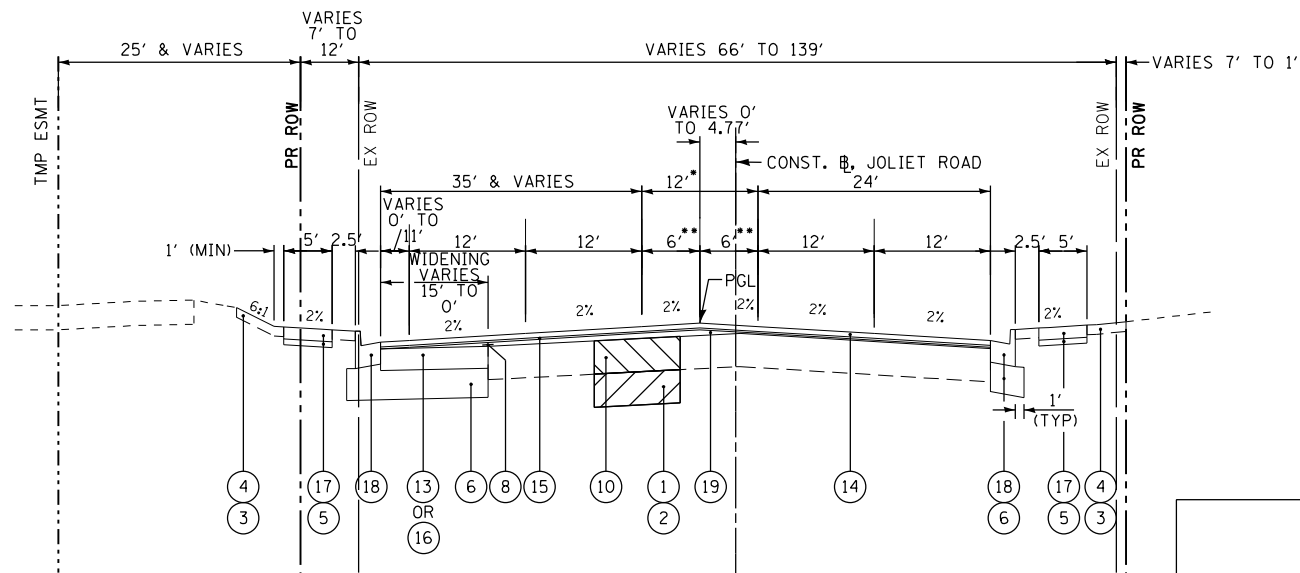
STA. TO STA.	ESTIMATED UNDERCUT DEPTH	ESTIMATED UNDERCUT
US ROUTE 12/20/45: 73+50 TO 76+50	6"	167 CU YD WITH GEOTECHNICAL FABRIC (1,000 SQ YD)



- SEE BD-05 DISTRICT ONE DETAIL FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)

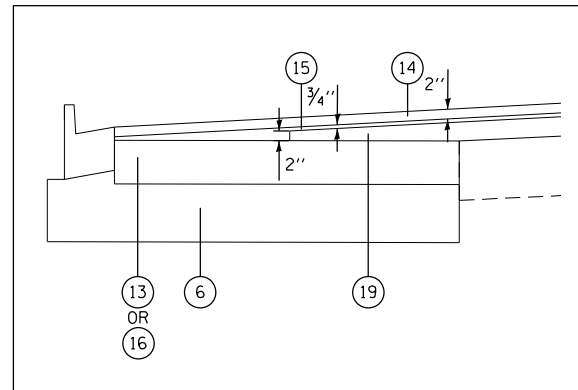
PROPOSED TYPICAL SECTION - US RTE 12/20/45
STA. 72+15.02 TO STA. 82+00.00

FILE NAME =	USER NAME = #USER#	DESIGNED - BDH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS US RTE 12/20/45 (LAGRANGE ROAD)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - BCD	REVISED -		330	2010-082-1	COOK	152	10				
	PLOT SCALE = #SCALE#	CHECKED - BDH	REVISED -		SCALE: N.T.S				SHEET NO. OF SHEETS STA. TO STA.				
	PLOT DATE = #DATE#	DATE - 10-16-13	REVISED -		ILLINOIS FED. AID PROJECT								

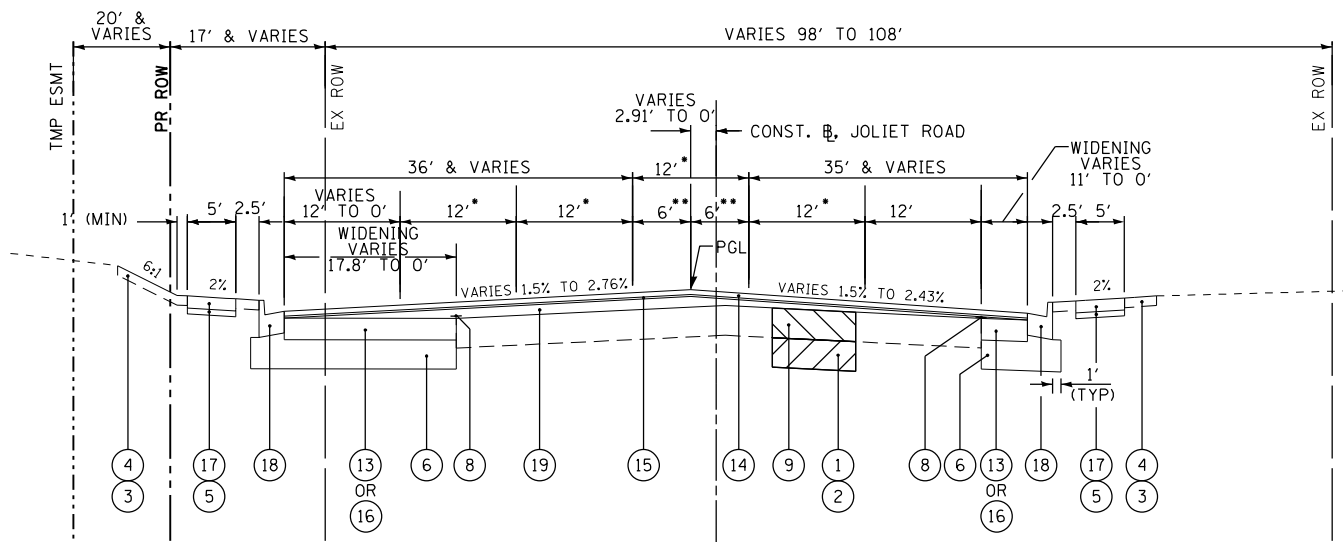


*VARIES 0' TO 12' FROM STA. 108+00 TO STA. 113+43.54
 **VARIES 0' TO 6' FROM STA. 108+00 TO STA. 113+43.54

PROPOSED TYPICAL SECTION - JOLIET ROAD
 STA. 108+00.00 TO STA. 120+02.85



PAVEMENT TRANSITION DETAIL



*11' FROM STA. 126+98.81 TP TA/ 129+00.00
 **5.5' FROM STA. 126+98.11 TO STA. 129+00.00

PROPOSED TYPICAL SECTION - JOLIET ROAD
 STA. 120+02.85 TO STA. 129+00.00

LEGEND

- 1 AGGREGATE SUBGRADE IMPROVEMENT (AT LOCATIONS DESIGNATE BY THE ENGINEER OR AS SHOWN ON THE PLANS)
- 2 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATE BY THE ENGINEER OR AS SHOWN ON THE PLANS)
- 3 TOPSOIL FURNISH AND PLACE, 4"
- 4 SODDING, SALT TOLERANT (SEE LANDSCAPING PLANS)
- 5 SUB-BASE GRANULAR MATERIAL, TYPE B 2" (COST INCLUDED IN P.C.C. SIDEWALK 5")
- 6 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 7 CONCRETE MEDIAN, TYPE SB-6 (DOWELLED)
- 8 STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 9 CLASS D PATCHES, 12" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- 10 CLASS D PATCHES, 13" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- 11 CLASS D PATCHES, 14" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- 12 CLASS D PATCHES, 17" (AT LOCATIONS DESIGNATED BY THE ENGINEER)
- 13 HOT-MIX ASPHALT BASE COURSE, 8 1/2" (IN 3 LIFTS) (FOR WIDENING GREATER THAN 6 FT)
- 14 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- 15 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" AND VARIES) - SEE DETAIL
- 16 HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1*2" (IN 3 LIFTS) (FOR WIDENING 6 FT AND LESS)
- 17 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 18 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 19 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, VARIABLE DEPTH (2" MINIMUM THICKNESS) - SEE DETAIL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @Ndes
PAVEMENT RESURFACING/WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2" (IL-9.5mm)	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4" AND VARIES)	3.5% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, VARIABLE DEPTH	4% @ 90 Gyr.
HOT-MIX ASPHALT BASE COURSE, 8 1/2"	
HMA BINDER IL-19mm (8 1/2") (3 LIFTS)	4% @ 90 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19mm) (2 LIFTS)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL-9.5mm)	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES, 12" (3 LIFTS), 13" & 14" (4 LIFTS), & 17" (5 LIFTS) (HMA BINDER IL-19mm)	4% @ 70 Gyr.

NOTES:

- 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- 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. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
- 3) MILLING SHALL BE DONE PRIOR TO PATCHING

TREE REMOVAL (6 TO 15 UNIT DIA)		
STATION	OFFSET (FOOT)	QUANTITY (UNIT)
JOLIET ROAD 122+72	54 LT	6
TOTAL QUANTITY = 6		

HOT-MIX ASPHALT BASE COURSE, 8 1/2"		
STATION	AREA (SQ. YD.)	
US RTE 12/20/45		
62+21.50 72+44.26	71+84.00 81+95.50	1551 1605
JOLIET ROAD		
108+04.50	128+95.50	1613
TOTAL QUANTITY = 4769		

HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2"		
STATION	AREA (SQ. YD.)	
US RTE 12/20/45		
62+21.50 72+44.26	71+84.00 81+95.50	94 152
JOLIET ROAD		
108+04.50	128+95.50	211
TOTAL QUANTITY = 457		

DRIVEWAY QUANTITY SCHEDULE							
STATION	OFFSET	EXISTING PAVEMENT STRUCTURE AND TYPE	DRIVEWAY PAVEMENT REMOVAL (SQ. YD.)	HOT-MIX ASPHALT BASE COURSE 8 INCHES (SQ. YD.)	HOT-MIX ASPHALT SURFACE COURSE MIX D, N50, 2 IN (TON)	P.C.C. DRIVEWAY P.V.M.T 8 INCHES (SQ. YD.)	AGG. FOR TEMP ACCESS (TONS)
JOLIET ROAD							
108+41	LT	C.E. HMA	74.3	61.6	6.9	-	24.6
108+56	RT	C.E. PCC	79.8	-	-	98.8	39.5
109+77	LT	C.E. HMA	337.4	293.2	32.8	-	117.3
110+46	RT	C.E. HMA	102.2	90.3	10.1	-	36.1
113+09	RT	C.E. HMA	148.5	135.7	15.2	-	54.3
113+23	LT	C.E. HMA	189.6	135.4	15.2	-	54.2
114+97	LT	C.E. HMA	332.9	288.7	32.3	-	115.5
115+27	RT	C.E. HMA	92.8	104.1	11.7	-	41.6
116+68	RT	C.E. HMA	72.3	73.1	8.2	-	29.2
117+17	LT	C.E. HMA	106.6	71.9	8.1	-	28.8
121+48	LT	C.E. HMA	305.1	-	-	-	0.0
122+10	LT	C.E. HMA	305.1	-	-	-	0.0
122+99	LT	C.E. HMA	92.8	-	-	-	0.0
123+24	RT	C.E. HMA	120.2	109.3	12.2	-	43.7
123+76	LT	C.E. HMA	176.3	119.2	13.4	-	47.7
125+22	RT	C.E. HMA	151.1	127.2	14.2	-	50.9
126+56	LT	C.E. HMA	77.0	48.8	5.5	-	19.5
US RTE 12/20/45							
63+40	LT	C.E. PCC	39.8	-	-	28.5	11.4
64+74	LT	C.E. PCC	56.7	-	-	36.1	14.4
66+31	RT	C.E. HMA	245.3	159.9	17.9	-	64.0
68+52	LT	C.E. HMA	95.0	108.7	12.2	-	43.5
70+35	RT	C.E. HMA	309.4	176.3	19.7	-	70.5
73+61	RT	C.E. PCC	47.0	-	-	-	0.0
74+19	RT	C.E. PCC	40.1	-	-	-	0.0
74+29	LT	C.E. HMA	45.8	40.3	4.5	-	16.1
76+00	RT	C.E. HMA	112.6	49.1	5.5	-	19.6
76+70	RT	C.E. HMA	97.2	49.0	5.5	-	19.6
76+97	LT	C.E. HMA	77.3	47.3	5.3	-	18.9
77+77	RT	C.E. HMA	118.6	100.4	11.2	-	40.2
79+00	RT	C.E. HMA	110.5	64.4	7.2	-	25.7
TOTAL QUANTITY =			4159	2454	275	163	1047

CURB REMOVAL		
STATION	OFFSET	LENGTH
DRIVEWAYS		
63+40	LT	33
64+74	LT	59
73+70	RT	228
76+00	RT	61
76+69	RT	40
77+77	RT	51
108+41	LT	40
109+63	LT	46
110+27	LT	24
110+43	RT	58
113+11	RT	35
113+24	LT	80
113+50	LT	132
114+98	LT	80
115+27	RT	47
115+23	LT	5
116+69	RT	41
117+26	LT	71
123+00	LT	54
123+24	RT	71
123+80	LT	123
125+22	RT	78
TOTAL QUANTITY = 1457		

EARTHWORK		
LOCATION	REMOVAL & DISPOSAL OF UNSUITABLE MAT. (CU YD)	FURNISHED EXCAVATION N** (CU YD)
US ROUTE 12/20/45	3,091	302
JOLIET ROAD	2,721	261
UNDERCUTS - US ROUTE 12/20/45	168	0
SUB-TOTAL = 5,980 563		
TOTAL QUANTITY = 5,980 563		

••ALL CUT MATERIAL SHALL BE HAULED OFF SITE DUE TO NO ONSITE STORAGE LOCATIONS.
••ALL FILL MATERIAL (EMBANKMENT) SHALL BE BROUGHT IN FROM OFFSITE LOCATION, SINCE EARTH EXCAVATION MUST BE HAULED OFF SITE.

INLET AND PIPE PROTECTION		
STATION	SIDE	QUANTITY (FEET)
STAGE 1		
74+75	RT	1
122+57	LT	1
123+43	LT	1
TOTAL 3		

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90				
STATION	AREA (SQ. YD.)	THICKNESS (IN.)	TONS	
JOLIET ROAD				
108+04.50	128+95.50	17795	2	1993
US RTE 12/20/45				
62+21.50 72+44.26	71+84.00 81+95.50	7018 6001	2 2	786 672
TOTAL 3,451				

PERMETER EROSION CONTROL BARRIER		
LOCATION	SIDE	LENGTH (FEET)
STAGE 1		
63+00 TO 67+00	RT	329
67+00 TO 70+15	RT	397
76+15 TO 76+55	RT	40
76+83 TO 77+55	RT	100
77+90 TO 78+25	RT	30
110+30 TO 112+80	LT	253
119+20 TO 119+50	LT	60
STAGE 2		
63+50 TO 64+50	LT	100
65+50 TO 68+30	LT	276
68+70 TO 69+00	LT	25
69+00 TO 70+50	LT	150
72+80 TO 74+20	LT	140
77+05 TO 78+55	LT	150
78+50 TO 78+50	LT	30
108+65 TO 110+25	RT	170
113+30 TO 115+00	RT	175
115+45 TO 116+50	RT	108
125+35 TO 128+45	RT	350
TOTAL 2,883		

POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50				
STATION	AREA (SQ. YD.)	THICKNESS (IN.)	TONS	
US RTE 12/20/45				
62+21.50 72+44.26 62+17.00	71+84.00 81+95.50 82+00.00	8198 8183 VARIES	0.75 0.75 VARIES	344 344 495
JOLIET ROAD				
108+04.50 108+00.00 121+00.00	128+95.50 119+00.00 129+00.00	15081 VARIES VARIES	0.75 VARIES VARIES	633 272 165
STAGE 1:				
US RTE 12/20/45				
62+17.00	82+00.00	VARIES	VARIES	66
JOLIET ROAD				
108+00.00	129+00.00	VARIES	VARIES	95
STAGE 2:				
US RTE 12/20/45				
62+17.00	82+00.00	VARIES	VARIES	147
JOLIET ROAD				
108+00.00	129+00.00	VARIES	VARIES	152
TOTAL 2,713				

SEGMENTAL CONCRETE BLOCK WALL				
LOCATION	OFFSET	LENGTH (FOOT)	AVERAGE HEIGHT (FOOT)	QUANTITY (SQ FT)
US RTE 12/20/45 70+70 TO 71+50	RT	80	2.7	216
TOTAL QUANTITY = 216				

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90				
STATION	AREA (SQ. YD.)	THICKNESS (IN.)	TONS	
US RTE 12/20/45				
62+17.00	82+00.00	VARIES	VARIES	1,478
JOLIET ROAD				
108+00.00 121+00.00	119+00.00 129+00.00	VARIES VARIES	VARIES VARIES	454 375
TOTAL 2,307				

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
US RTE 12/20/45			
62+17.00	4.5	60.4	30
82+00.00	4.5	62.1	31
JOLIET ROAD			
108+00.00 129+00.00	4.5 4.5	48.1 68.4	24 34
TOTAL 120			

HOT-MIX ASPHALT SURFACE REMOVAL 2-3/4"		
STATION	AREA (SQ. YD.)	
US RTE 12/20/45		
62+21.50 75+50 77+50	74+50 76+50 82+00	8663 664 3288
JOLIET ROAD		
108+04.50 120+00 124+50	118+50 123+50 125+50	5824 1490 627
TOTAL QUANTITY = 20556		

COMBINATION CURB AND GUTTER REMOVAL					
FROM	TO	LENGTH (FEET)			
US RTE 12/20/45					
63+18	71+31	LT	866		
63+18	66+17	RT	332		
66+10	66+50	RT	114		
66+43	70+16	RT	450		
70+11	70+57	RT	131		
70+58	71+88	RT	225		
72+45	75+00	LT	359		
72+92	75+00	RT	251		
71+44	71+63	LT	57		
72+22	72+44	LT	60		
71+85	72+00	RT	40		
72+62	72+81	RT	59		
75+00	82+00	RT	700		
75+00	78+83	LT	417		
78+49	79+67	RT	22		
79+18	82+00	LT	314		
79+35	79+49	RT	16		
JOLIET ROAD					
108+00	118+00	RT	1,052		
108+00	118+00	LT	1,000		
118+00	119+17	RT	80		
118+00	119+67	LT	72		
120+81	129+00	LT	792		
120+34	128+50	RT	753		
125+37		RT	54		
TOTAL 8,216					

STRIP REFLECTIVE CRACK CONTROL TREATMENT			
FROM	TO	SIDE	LENGTH (FEET)
US RTE 12/20/45			
63+21	71+30	LT	809
63+21	72+35	RT	914
71+80	79+00	LT	720
72+80	82+00	RT	920
JOLIET ROAD			
108+00	118+72	LT	1072
108+00	118+80	RT	1080
121+07	129+00	LT	793
121+00	128+50	RT	750
TOTAL 7,058			

CONCRETE MEDIAN SURFACE REMOVAL		
FROM	TO	AREA (SQ. FT.)
JOLIET ROAD		
119+30	119+49	173
119+66	119+89	154
120+11	120+26	65
120+48	120+68	182
TOTAL 574		

PAVEMENT REMOVAL		
FROM STATION	TO STATION	AREA (SQ. YD.)
JOLIET ROAD 119+49	120+10	51
TOTAL 51		

FIRE HYDRANTS TO BE ADJUSTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45		
73+87	46 LT	1
JOLIET RD		
111+10	28 RT	1
112+55	32 RT	1
118+03	46 LT	1
TOTAL 4		

FIRE HYDRANTS TO BE MOVED		
STATION	OFFSET	QUANTITY (EACH)
US RTE 12/20/45 77+65	LT	1
JOLIET ROAD 114+33	RT	1
115+81	RT	1
122+78	LT	1
125+56	LT	1
TOTAL		5

VALVE BOXES TO BE ADJUSTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 76+32	40 RT	1
76+94	48 RT	1
78+09	42 RT	1
81+42	39 RT	1
JOLIET ROAD 108+52	32 LT	1
111+11	20 RT	1
117+03	47 LT	1
125+56	34 LT	1
126+58	27 LT	1
TOTAL		9

FRAMES & LIDS TO BE ADJUSTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 63+23	28 LT	1
63+30	42 LT	1
64+30	28 LT	1
65+53	28 LT	1
68+24	29 LT	1
68+78	29 LT	1
69+35	29 LT	1
69+89	30 LT	1
70+51	31 RT	1
70+60	28 LT	1
73+28	40 LT	1
73+65	32 LT	1
74+38	53 LT	1
76+28	43 RT	1
76+55	49 LT	1
79+89	32 LT	1
80+54	40 RT	1
81+24	30 RT	1
81+24	32 LT	1
81+66	34 RT	1
JOLIET ROAD 109+57	32 LT	1
110+74	28 LT	1
111+34	26 RT	1
112+30	31 LT	1
113+34	30 LT	1
114+25	28 RT	1
116+39	28 LT	1
117+13	47 LT	1
118+67	28 LT	1
121+32	36 LT	1
121+39	32 LT	1
123+41	29 RT	1
124+33	30 RT	1
125+41	30 RT	1
126+87	39 RT	1
126+90	30 LT	1
126+92	40 RT	1
127+21	30 LT	1
127+48	42 LT	1
127+80	31 LT	1
128+29	42 RT	1
128+40	31 LT	1
128+61	30 LT	1
TOTAL		43

FRAMES AND LIDS, TYPE 1, CLOSED LID		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 63+21	20 LT	1
63+86	25 RT	1
67+66	28 RT	1
67+80	28 RT	1
70+44	35 RT	1
70+62	28 RT	1
71+28	38 RT	1
71+40	35 LT	1
73+66	32 LT	1
77+57	32 LT	1
78+26	31 LT	1
81+24	20 RT	1
81+48	29 LT	1
JOLIET ROAD 110+91	23 LT	1
113+43	25 LT	1
115+88	27 RT	1
121+39	32 LT	1
121+81	29 RT	1
123+41	29 RT	1
125+41	1 RT	1
125+41	30 RT	1
126+89	1 RT	1
128+61	1 RT	1
TOTAL		23

REMOVING CATCH BASINS		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 64+30	33 RT	1
65+52	30 RT	1
68+25	30 RT	1
68+80	32 RT	1
69+34	34 RT	1
69+89	40 RT	1
70+51	40 RT	1
71+84	53 RT	1
72+94	46 RT	1
73+23	39 RT	1
73+28	25 LT	1
73+91	25 RT	1
74+02	39 LT	1
74+72	40 LT	1
75+24	38 LT	1
75+25	27 RT	1
75+69	37 LT	1
75+70	27 RT	1
75+84	42 RT	1
76+29	35 LT	1
76+30	28 RT	1
76+56	42 RT	1
77+89	40 RT	1
78+57	31 RT	1
79+90	30 RT	1
JOLIET ROAD 109+12	26 LT	1
109+12	26 RT	1
111+35	26 LT	1
114+19	27 LT	1
116+38	27 LT	1
118+40	38 LT	1
121+12	28 RT	1
121+81	28 LT	1
121+81	29 RT	1
122+58	26 LT	1
123+42	29 LT	1
123+43	35 LT	1
125+40	30 LT	1
TOTAL		38

CATCH BASINS TO BE RECONSTRUCTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 67+66	28 RT	1
71+28	38 RT	1
JOLIET ROAD 119+44	44 LT	1
TOTAL		3

VALVE VAULTS TO BE ADJUSTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 72+89	64 LT	1
79+26	52 LT	1
JOLIET ROAD 108+52	24 RT	1
116+35	33 LT	1
127+35	27 LT	1
128+69	27 LT	1
TOTAL		6

MANHOLES TO BE RECONSTRUCTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 73+19	40 RT	1
JOLIET ROAD 113+14	31 LT	1
115+80	36 LT	1
118+49	35 LT	1
118+82	36 RT	1
123+34	48 LT	1
124+46	35 LT	1
TOTAL		7

FRAMES AND GRATES, TYPE 3		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 63+30	42 RT	1
JOLIET ROAD 128+29	39 RT	1
TOTAL		2

FRAMES AND GRATES, TYPE 24		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 63+23	28 LT	1
64+30	28 LT	1
65+53	28 LT	1
68+24	29 LT	1
68+78	29 LT	1
69+35	29 LT	1
69+89	30 LT	1
70+51	31 LT	1
79+89	32 LT	1
81+24	30 LT	1
81+24	32 RT	1
JOLIET ROAD 111+34	26 RT	1
114+25	28 RT	1
116+39	28 RT	1
119+44	44 LT	1
124+33	30 RT	1
126+90	30 LT	1
126+92	40 RT	1
127+48	42 RT	1
128+61	30 LT	1
TOTAL		20

SIDEWALK REMOVAL			
STATION	FROM TO		AREA (SQ FT)
	FROM	TO	
US 12/20/45 62+17	75+00	LT	4477
62+17	75+00	RT	814
75+00	82+00	LT	209
75+00	82+00	RT	1824
JOLIET ROAD 108+00	118+00	LT	3496
108+00	118+00	RT	1151
118+00	129+00	LT	2326
118+00	129+00	RT	125
TOTAL			14,422

MANHOLES TO BE ADJUSTED		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 63+71	30 LT	1
65+33	33 LT	1
65+53	32 LT	1
67+02	34 LT	1
70+52	36 LT	1
73+13	48 LT	1
76+30	49 LT	1
78+22	43 RT	1
78+84	49 RT	1
JOLIET ROAD 111+17	30 RT	1
111+43	31 RT	1
114+19	31 RT	1
115+56	41 RT	1
116+42	32 LT	1
116+99	41 LT	1
125+43	50 RT	1
TOTAL		16

FILLING CATCH BASINS		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 67+64	29 LT	1
74+74	26 RT	1
78+57	33 LT	1
JOLIET ROAD 118+43	27 LT	1
TOTAL		4

FILLING INLETS		
STATION	OFFSET (FEET)	QUANTITY (EACH)
US RTE 12/20/45 71+16	36 LT	1
74+74	34 RT	1
TOTAL		2

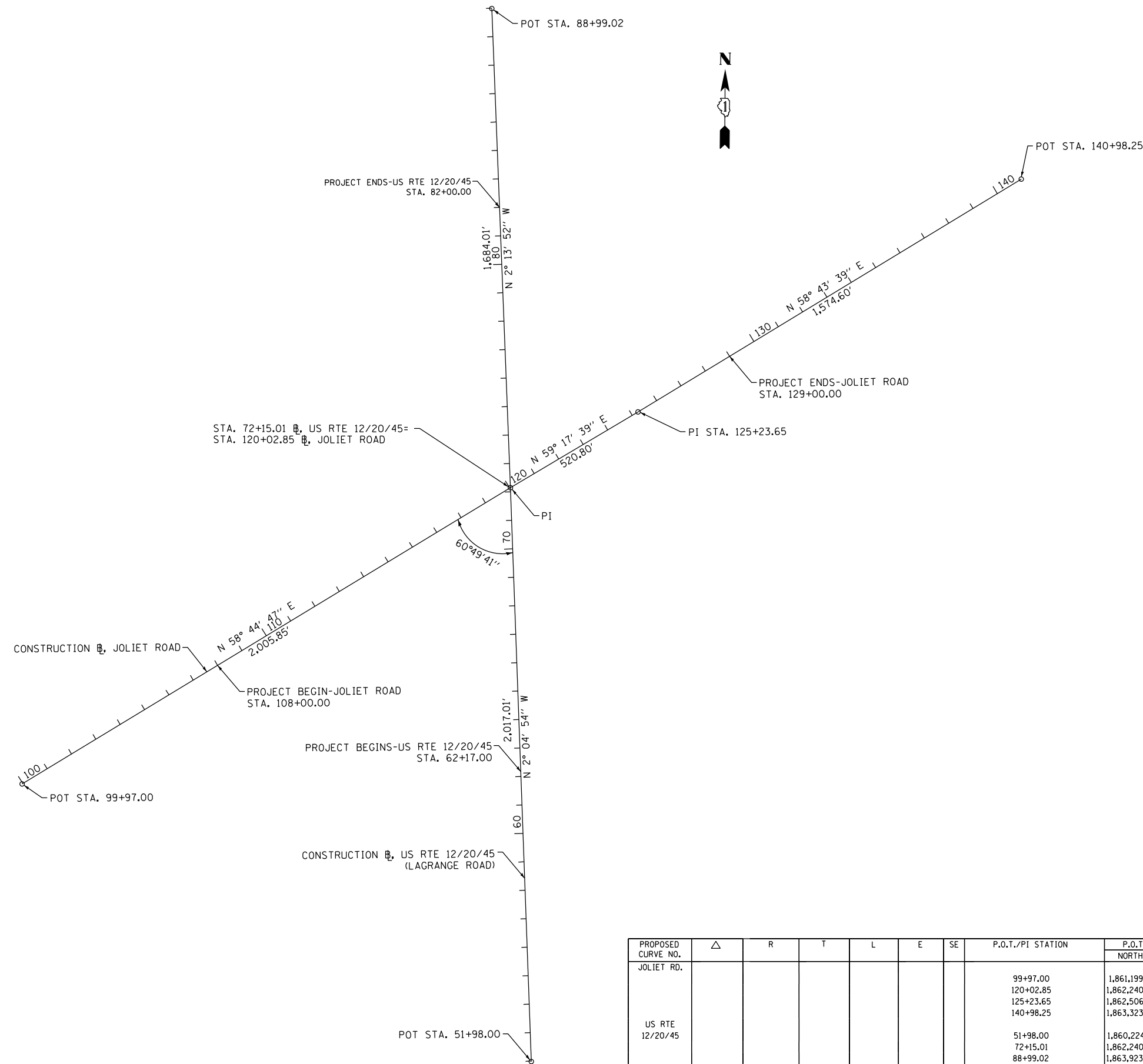
PORTLAND CEMENT CONCRETE SIDEWALK, 5"			
STATION	FROM TO	SIDE	AREA (SQ FT)
US 12/20/45 62+17	75+00	LT	4839
62+17	75+00	RT	1078
75+00	82+00	LT	172
75+00	82+00	RT	1269
JOLIET ROAD 108+00	118+00	LT	3711
108+00	118+00	RT	2072
118+00	129+00	LT	1863
118+00	129+00	RT	1001
TOTAL			16,005

STORM SEWERS TO BE CLEANED 12"		
STATION	OFFSET	QUANTITY (FEET)
JOLIET ROAD 125+40	RT	26
125+40	LT	27
128+61	RT	47
128+61	LT	28
TOTAL		128

STORM SEWERS TO BE CLEANED 36"		
STATION	OFFSET	QUANTITY (FEET)
JOLIET ROAD 123+00	RT	160
124+00	RT	200
TOTAL		360

TEMPORARY CONCRETE BARRIER		
STATION	OFFSET	QUANTITY (FEET)
US RTE 12/20/45 72+00	RT	120
72+35	LT	100
TOTAL		220

STORM SEWERS TO BE CLEANED 30"		
STATION	OFFSET	QUANTITY (FEET)
JOLIET ROAD 119+00	RT	50
120+00	RT	148
126+00	RT	141
TOTAL		339

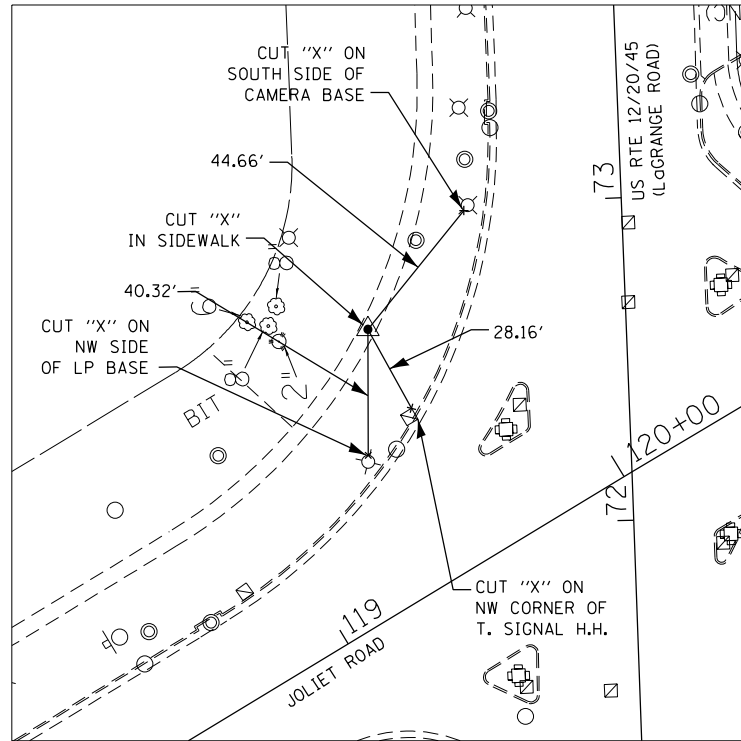


BENCH MARK SUMMARY

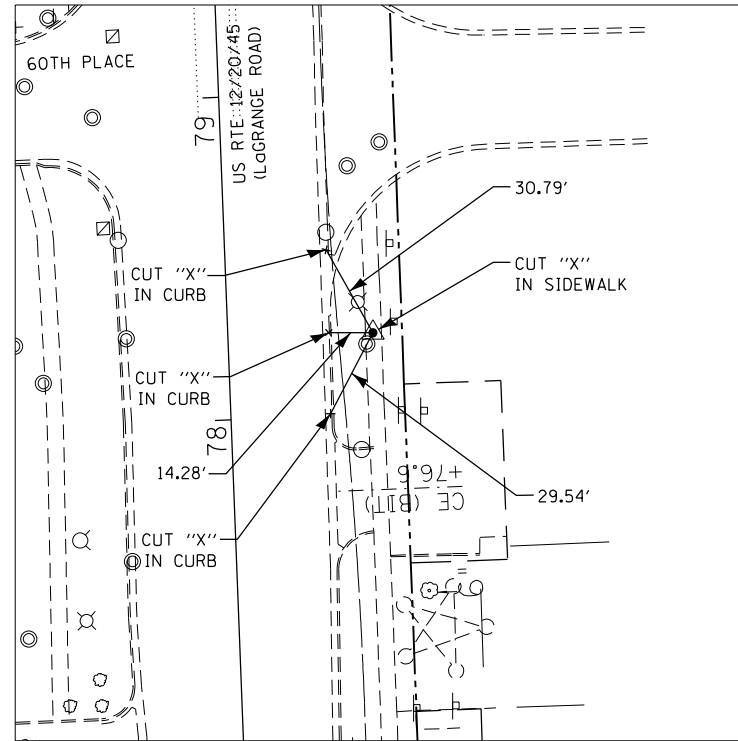
- BM#1: CUT "□" IN SOUTHEAST CORNER OF TRAFFIC SIGNAL CONTROLLER BASE AT THE NORTHEAST CORNER OF US 12/20/45 AND 63RD STREET. TRAFFIC SIGNAL CONTROLLER LOCATED ALONG US 12/20/45 NEAR STA. 63+23 RT. ELEVATION = 658.11
- BM#2: SOUTHWEST FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT LOCATED ALONG US 12/20/45 NEAR STA. 73+87 LT. ELEVATION = 658.48
- BM#3: CUT "□" IN NORTHWEST CORNER OF TRAFFIC SIGNAL MAST ARM FOUNDATION AT THE SOUTHWEST CORNER OF US 12/20/45 AND COUNTRYSIDE PLAZA ENTRANCE. TRAFFIC SIGNAL MAST ARM LOCATED ALONG US 12/20/45 NEAR STA. 84+12 LT. ELEVATION = 654.74
- BM#4 CUT "+" IN SOUTHWEST FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF KENSINGTON AVENUE AND JOLIET ROAD. FIRE HYDRANT LOCATED ALONG JOLIET ROAD NEAR STA. 103+15 LT. ELEVATION = 671.84
- BM#5 CUT "□" IN SOUTHEAST CORNER OF COMED BOX FOUNDATION AT THE SOUTHWEST CORNER OF JOLIET ROAD AND THE QUARRY SHOPPING CENTER DRIVE WEST ENTRANCE. COMED BOX LOCATED ALONG JOLIET ROAD NEAR STA. 128+50 RT. ELEVATION = 657.46

NOTE:
 1. SHOULD CONTROL POINTS OR BENCH MARKS BE DESTROYED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR RE-ESTABLISHMENT, WHICH SHALL BE INCLUDED IN THE CONTRACT COST PER LUMP SUM OF CONSTRUCTION LAYOUT.
 2. PLANS ARE BASED ON GRID ILLINOIS STATE PLANE COORDINATE EAST ZONE NAD83 (2007) COORDINATE SYSTEM.

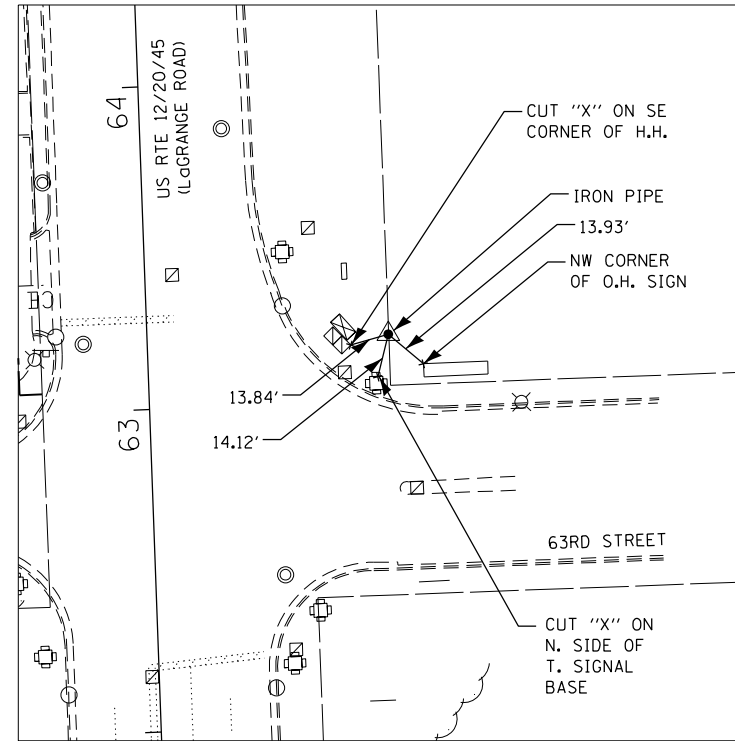
PROPOSED CURVE NO.	△	R	T	L	E	SE	P.O.T./PI STATION	P.O.T./PI COORDINATE		PC STATION	P.C. COORDINATES		PT STATION	P.T. COORDINATES	
								NORTHING	EASTING		NORTHING	EASTING		NORTHING	EASTING
JOLIET RD.							99+97.00	1,861,199.6291	1,109,415.5973						
							120+02.85	1,862,240.3200	1,111,130.3590						
							125+23.65	1,862,506.2560	1,111,578.1420						
							140+98.25	1,863,323.6460	1,112,923.9670						
US RTE 12/20/45							51+98.00	1,860,224.6381	1,111,203.6233						
							72+15.01	1,862,240.3200	1,111,130.3590						
							88+99.02	1,863,923.0485	1,111,064.7969						



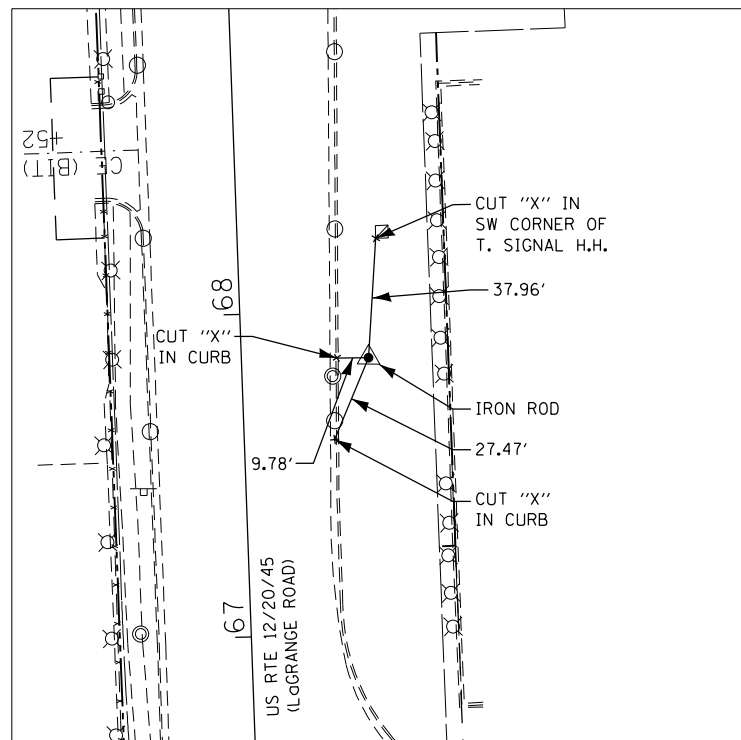
CONTROL POINT #5: STA. 72+62.27, 80.01' LT
 N 1,862,284.428
 E 1,111,048.561
 ELEV=656.70



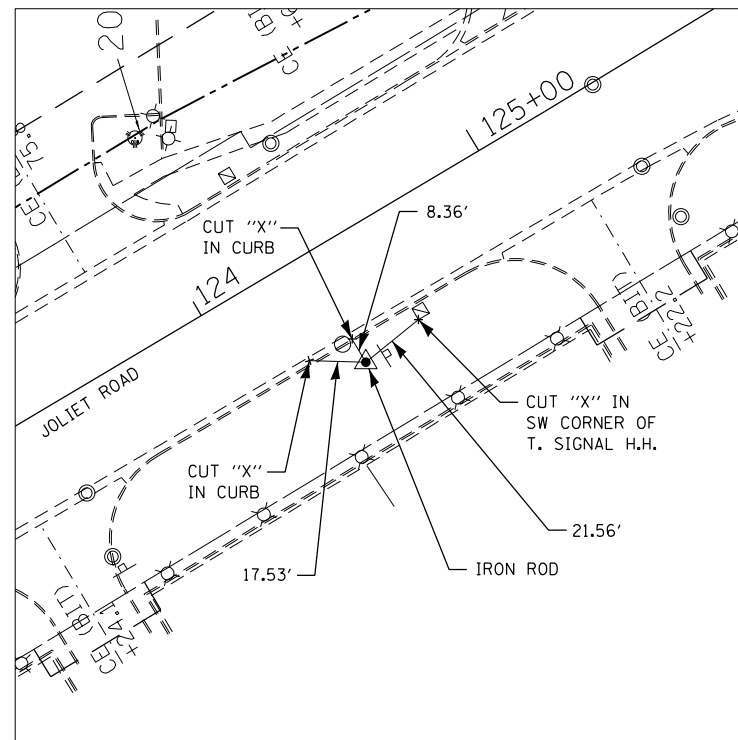
CONTROL POINT #6: STA. 78+25.23, 44.96' RT
 N 1,863,366.712
 E 1,111,131.632
 ELEV=654.56



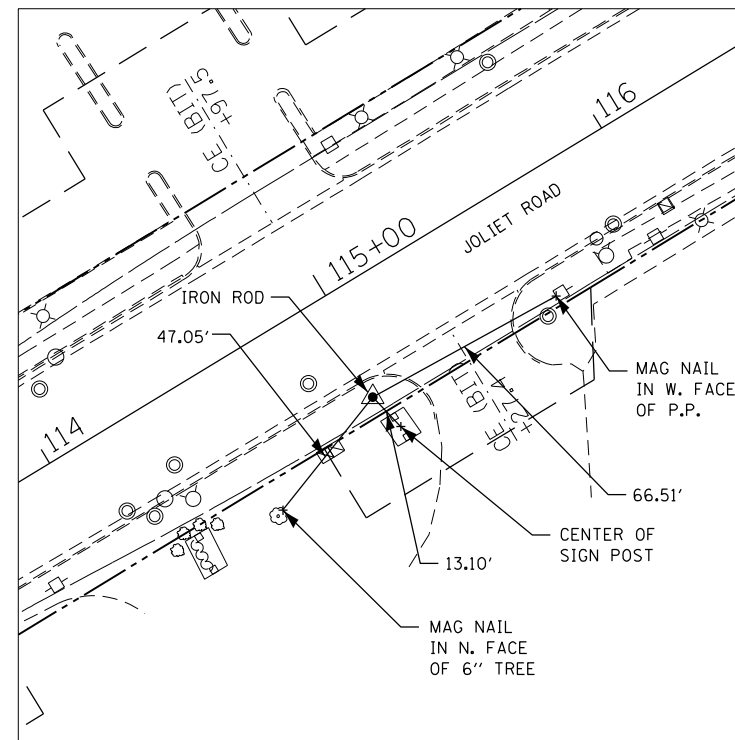
CONTROL POINT #7: STA. 62+20.65, 74.70' RT
 N 1,861,349.263
 E 1,111,237.496
 ELEV=657.88



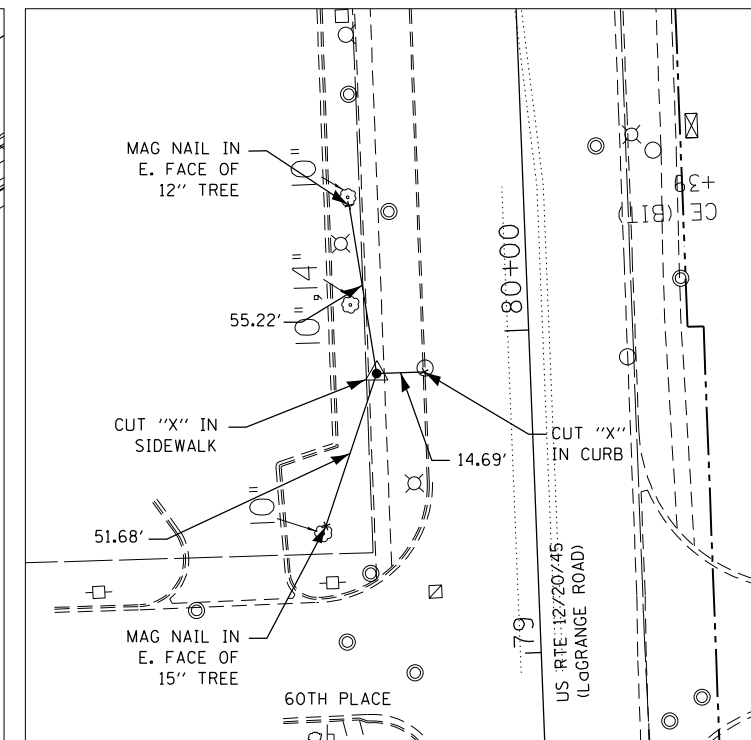
CONTROL POINT #12: STA. 67+85.11, 39.35' RT
 N 1,861,812.135
 E 1,111,185.308
 ELEV=659.33



CONTROL POINT #13: STA. 124+36.45, 38.50' RT
 N 1,862,428.624
 E 1,111,522.822
 ELEV=656.46



CONTROL POINT #14: STA. 114+96.15, 34.42' RT
 N 1,861,948.004
 E 1,110,715.054
 ELEV=661.08



CONTROL POINT #15: STA. 79+88.31, 47.61' LT
 N 1,863,011.182
 E 1,111,052.677
 ELEV=658.27

FILE NAME =	USER NAME = #USER#	DESIGNED - BDH	REVISED -
#FILE#		DRAWN - BCD	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - BDH	REVISED -
	PLOT DATE = #DATE#	DATE - 10-16-13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONTROL POINTS AND TIES

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L73	

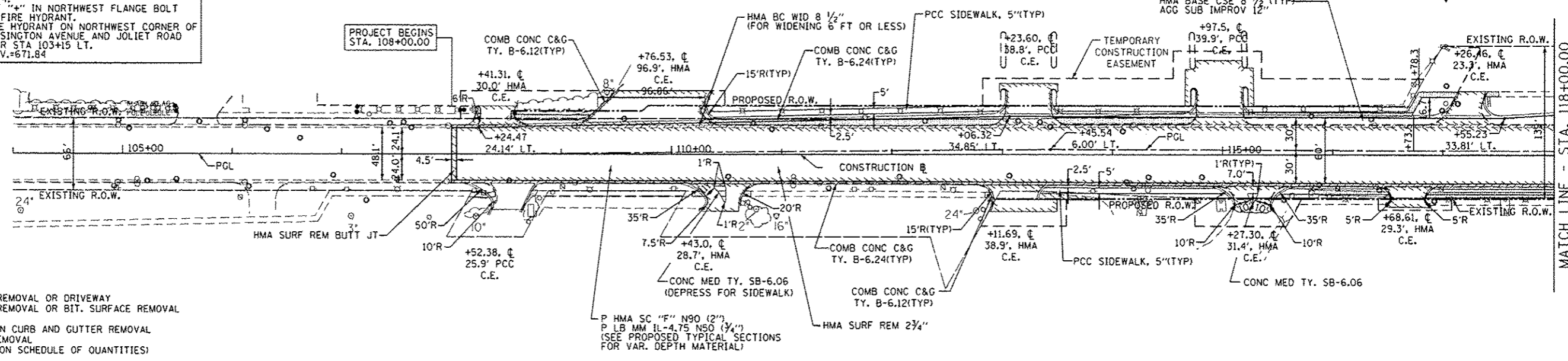
NOTE:
 1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION



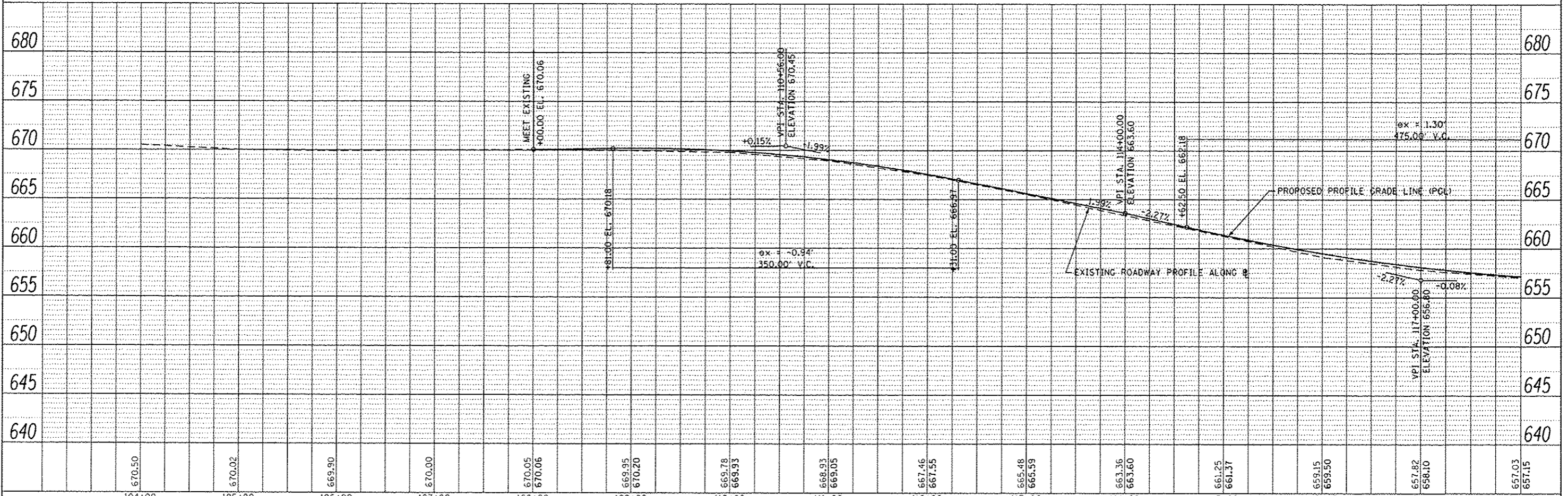
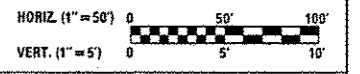
BM*4:
 CUT "4" IN NORTHWEST FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT ON NORTHWEST CORNER OF KENSINGTON AVENUE AND JOLIET ROAD NEAR STA 103+15 LT. ELEV.=671.84

PROJECT BEGINS STA. 108+00.00

MATCH LINE - STA. 118+00.00



- LEGEND**
- PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL OR BIT. SURFACE REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL OR CURB REMOVAL (AS NOTED ON SCHEDULE OF QUANTITIES)
 - SIDEWALK REMOVAL
 - * DETECTABLE WARNINGS ON CURB RAMPS

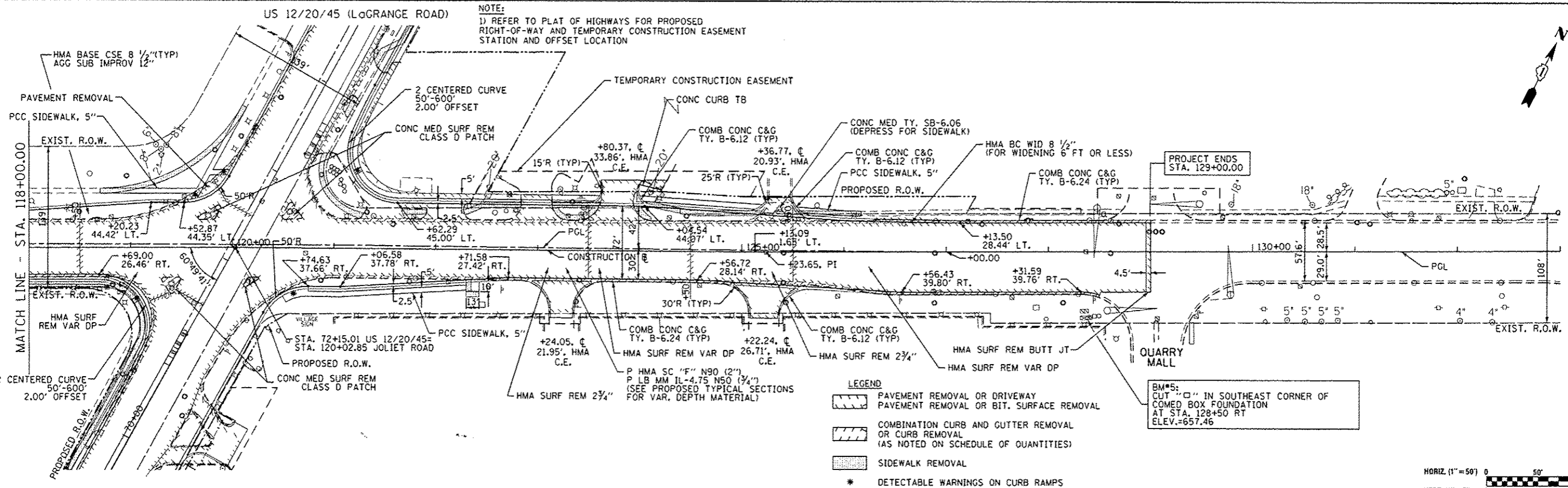


FILE NAME *	USER NAME * #USER*	DESIGNED - BDH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE JOLIET ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	
#FILE#		DRAWN - BCD	REVISED -			330	2010-082-1	COOK	152	19
		CHECKED - BDH	REVISED -			CONTRACT NO. 60L73				
		DATE - 10-16-13	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISION	
NO.	
PLAN	
NOTE BOOK	
NO.	
DATE	

DATE	
BY	
REVISION	
NO.	
PROFILE	
NOTE BOOK	
NO.	
DATE	

NOTE:
1) REFER TO PLAT OF HIGHWAYS FOR PROPOSED RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT STATION AND OFFSET LOCATION

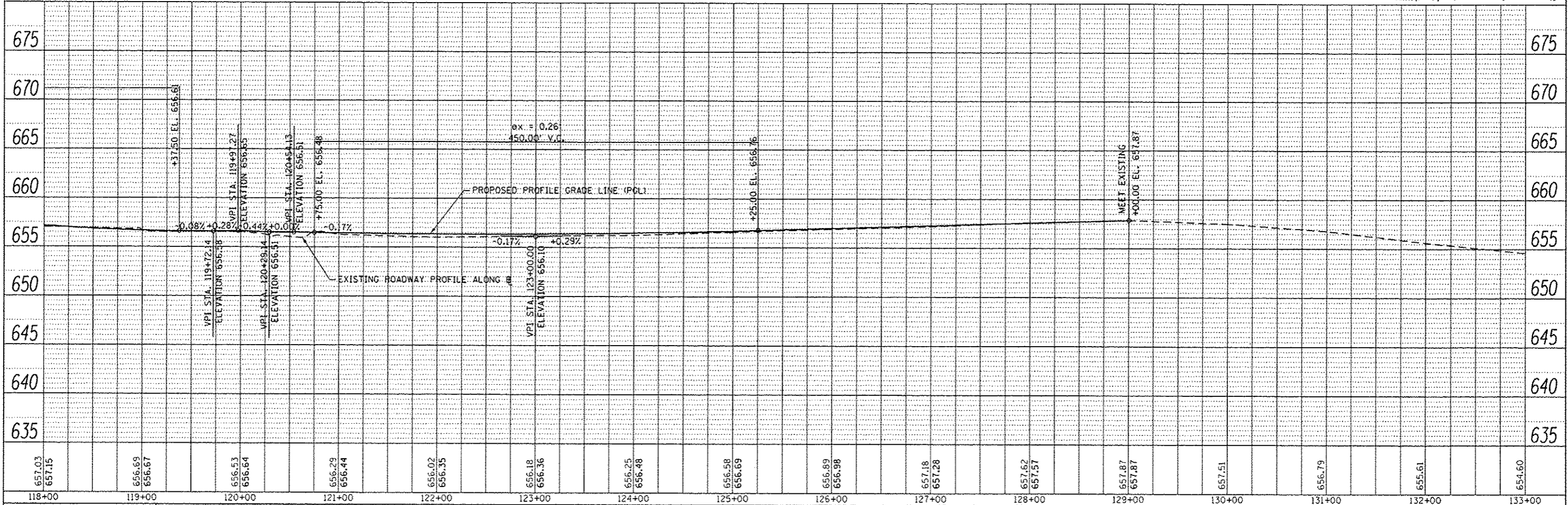
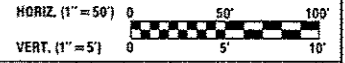


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- LEGEND**
- PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL OR BIT. SURFACE REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL OR CURB REMOVAL (AS NOTED ON SCHEDULE OF QUANTITIES)
 - SIDEWALK REMOVAL
 - * DETECTABLE WARNINGS ON CURB RAMPS

BM#5:
CUT "□" IN SOUTHEAST CORNER OF COMED BOX FOUNDATION AT STA. 128+50 RT ELEV.=657.46



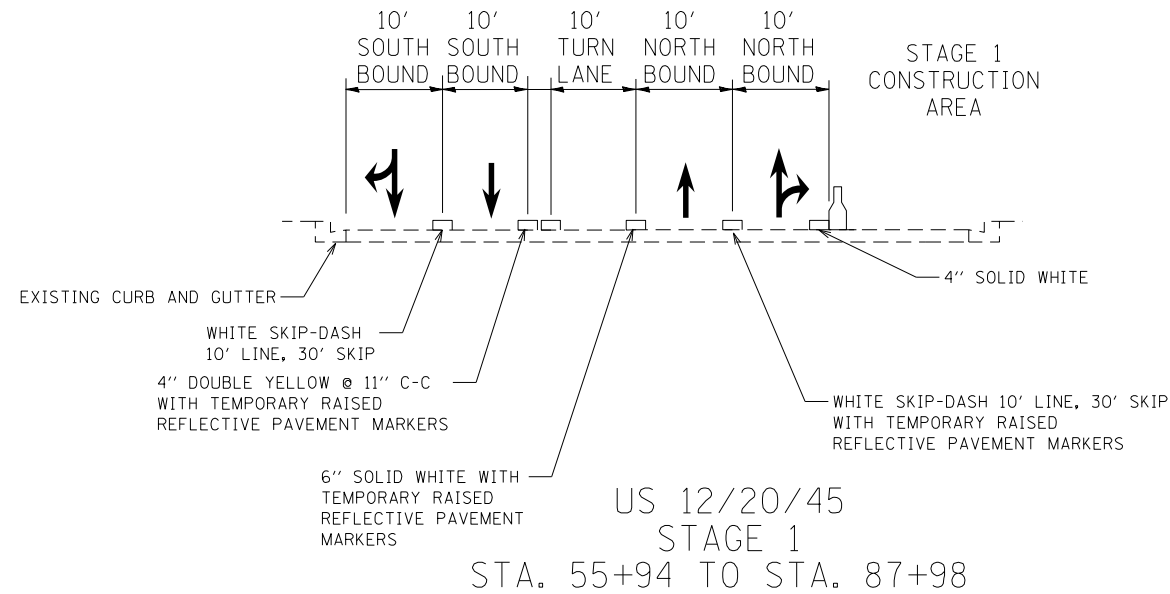
FILE NAME	USER NAME	DESIGNED	REVISED	PLAN AND PROFILE				F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	#USER#	BDH	TA	JOLIET ROAD				330	2010-082-1	COOK	152	20
		BCD	BCD	SCALE: 1"=50'								
		10-16-13		SHEET NO. OF SHEETS STA. 118+00 TO STA. 133+00								
				ILLINOIS FED. AID PROJECT								

TEMPORARY PAVEMENT MARKINGS

- 4" WHITE EDGE LINE - RIGHT (OUTER) EDGES
- 4" YELLOW EDGE LINE - LEFTY (INSIDE) EDGES
- 4" WHITE SKIP DASH - (30 FT. SKIP-10 FT. DASH) - BETWEEN LANES
- 4" DOUBLE YELLOW @ 11" C-C - MEDIANS AND BETWEEN OPPOSING LANES
- 6" WHITE LANE LINE - STORAGE AREA OF LEFT-TURN BAY
- 6" WHITE SKIP DASH - (6 FT. SKIP-2 FT. DASH) - LEFT-TURN BAY ENTRANCE
- 12" YELLOW DIAGONALS - (20 FT. C-C) - MEDIANS
- 24" WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

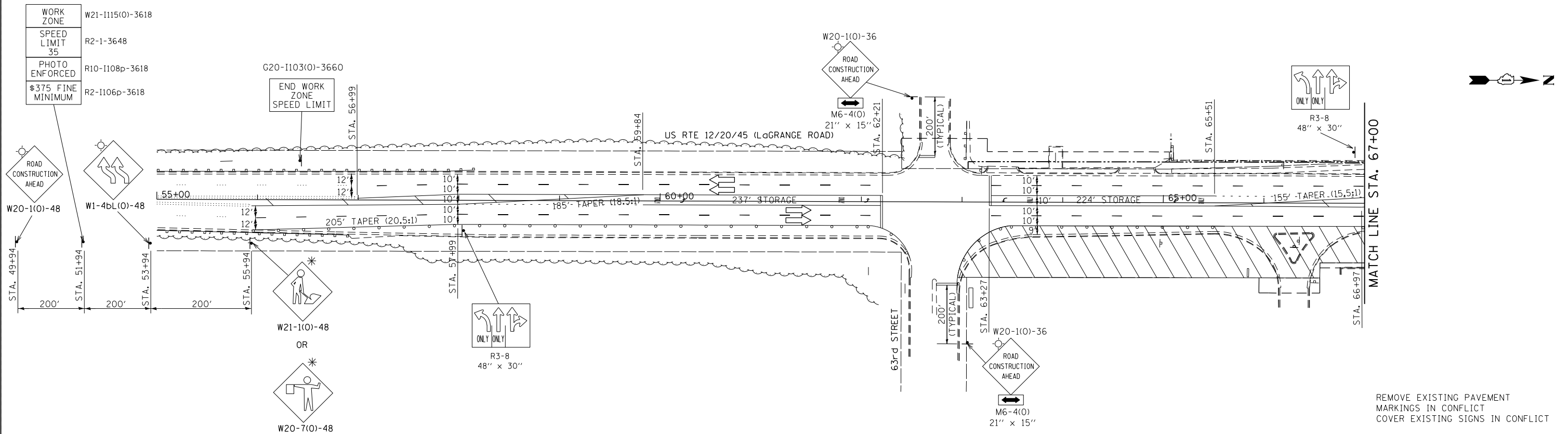
MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)

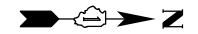


NOTES:

* - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE



FILE NAME =	USER NAME = #USER#	DESIGNED - TA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1 US RTE 1220/45 (LaGRANGE ROAD)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 22
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - BCD	REVISED -		SCALE: 1"=50'	SHEET NO. OF	SHEETS	STA. 55+00 TO STA. 67+00	CONTRACT NO. 60L73			
	PLOT DATE = #DATE#	CHECKED - TA	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE - 10-16-13	REVISED -									



WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

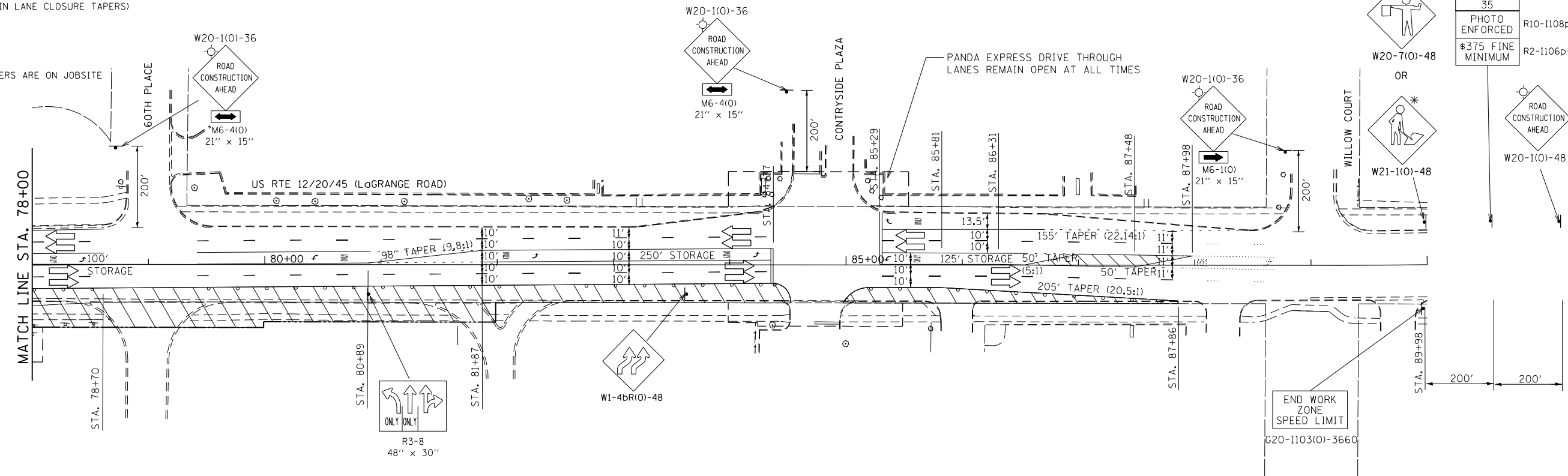
WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)

- TEMPORARY PAVEMENT MARKINGS**
- 4" WHITE EDGE LINE - RIGHT (OUTER) EDGES
 - 4" YELLOW EDGE LINE - LEFTY (INSIDE) EDGES
 - 4" WHITE SKIP DASH - (30 FT. SKIP-10 FT. DASH) - BETWEEN LANES
 - 4" DOUBLE YELLOW @ 11" C-C - MEDIANS AND BETWEEN OPPOSING LANES
 - 6" WHITE LANE LINE - STORAGE AREA OF LEFT-TURN BAY
 - 6" WHITE SKIP DASH - (6 FT. SKIP-2 FT. DASH) - LEFT-TURN BAY ENTRANCE
 - 12" YELLOW DIAGONALS - (20 FT. C-C) - MEDIANS
 - 24" WHITE STOP BAR - ALL LOCATIONS
 - WHITE LETTERS AND SYMBOLS - TURN LANES

NOTES:
 * - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE



REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
 COVER EXISTING SIGNS IN CONFLICT

FILE NAME =	USER NAME = #USER#	DESIGNED - TA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 1 US 12/20/45 (LaGRANGE ROAD)				F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 23
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - BCD	REVISED -		SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 67+00 TO STA. 90+00	ILLINOIS FED. AID PROJECT					
	PLOT DATE = #DATE#	CHECKED - TA	REVISED -					CONTRACT NO. 60L73					
		DATE - 10-16-13	REVISED -										

TEMPORARY PAVEMENT MARKINGS

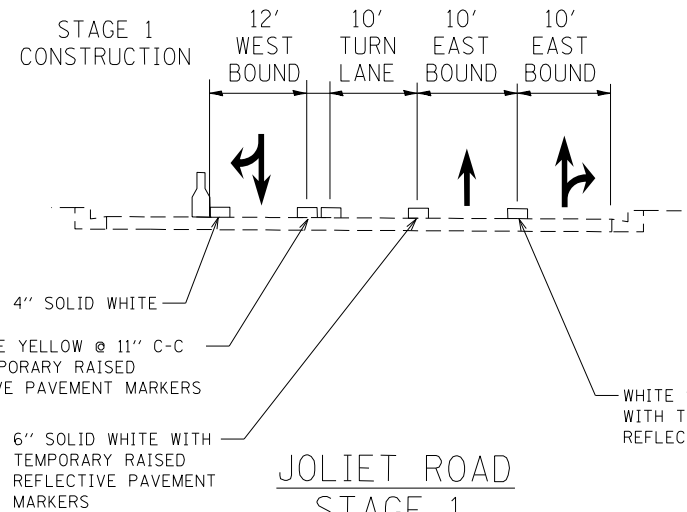
- 4" WHITE EDGE LINE - RIGHT (OUTER)
- 4" YELLOW EDGE LINE - LEFTY (INSIDE)
- 4" WHITE SKIP DASH - (30 FT. SKIP-10 FT. DASH) - BETWEEN LANES
- 4" DOUBLE YELLOW @ 11" C-C - MEDIANS AND BETWEEN OPPOSING LANES
- 6" WHITE LANE LINE - STORAGE AREA OF LEFT-TURN BAY
- 6" WHITE SKIP DASH - (6 FT. SKIP-2 FT. DASH) - LEFT-TURN BAY ENTRANCE
- 12" YELLOW DIAGONALS - (20 FT. C-C) - MEDIANS
- 24" WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

MAINTENANCE OF TRAFFIC LEGEND

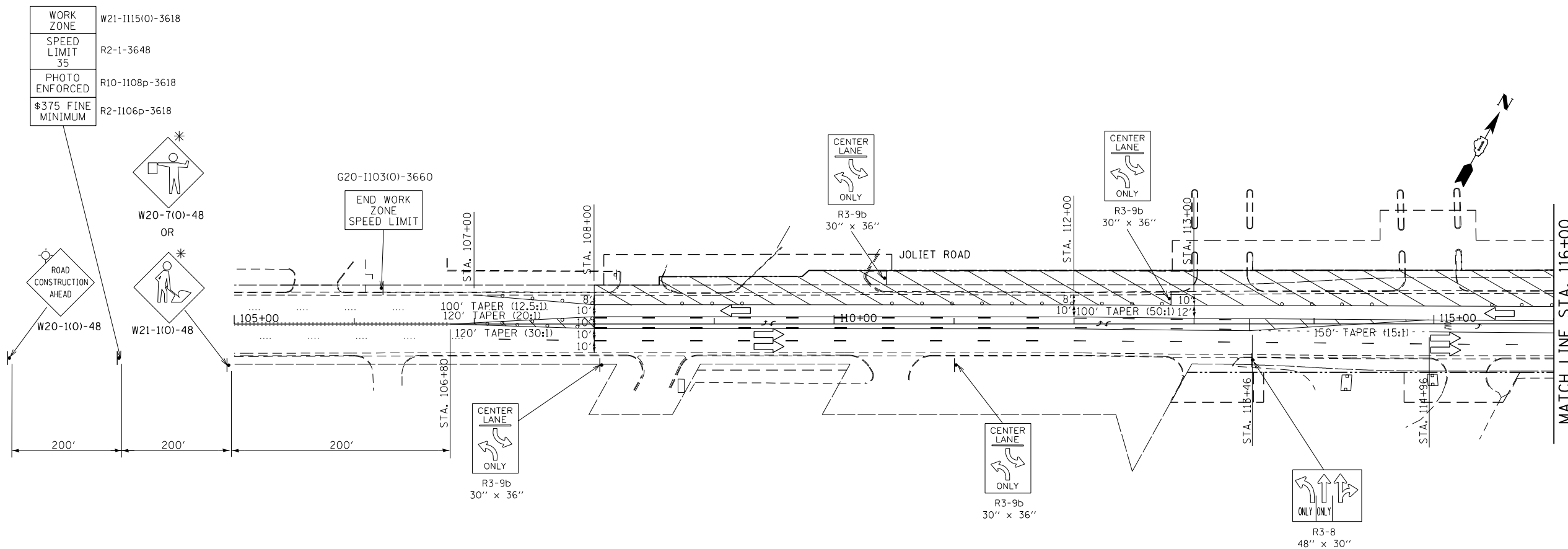
- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)

NOTES:

* - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE



JOLIET ROAD
 STAGE 1
 STA. 107+00 STA. 135+90



REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
 COVER EXISTING SIGNS IN CONFLICT

FILE NAME =	USER NAME = #USER#	DESIGNED - TA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC-STAGE 1 JOLIET ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - BCD	REVISED -					330	2010-082-1	COOK	152	24
	PLOT DATE = #DATE#	CHECKED - TA	REVISED -		SCALE: 1"=50'			SHEET NO. OF SHEETS	STA. 105+00 TO STA. 116+00		CONTRACT NO. 60L73	
		DATE - 10-16-13	REVISED -		ILLINOIS FED. AID PROJECT							

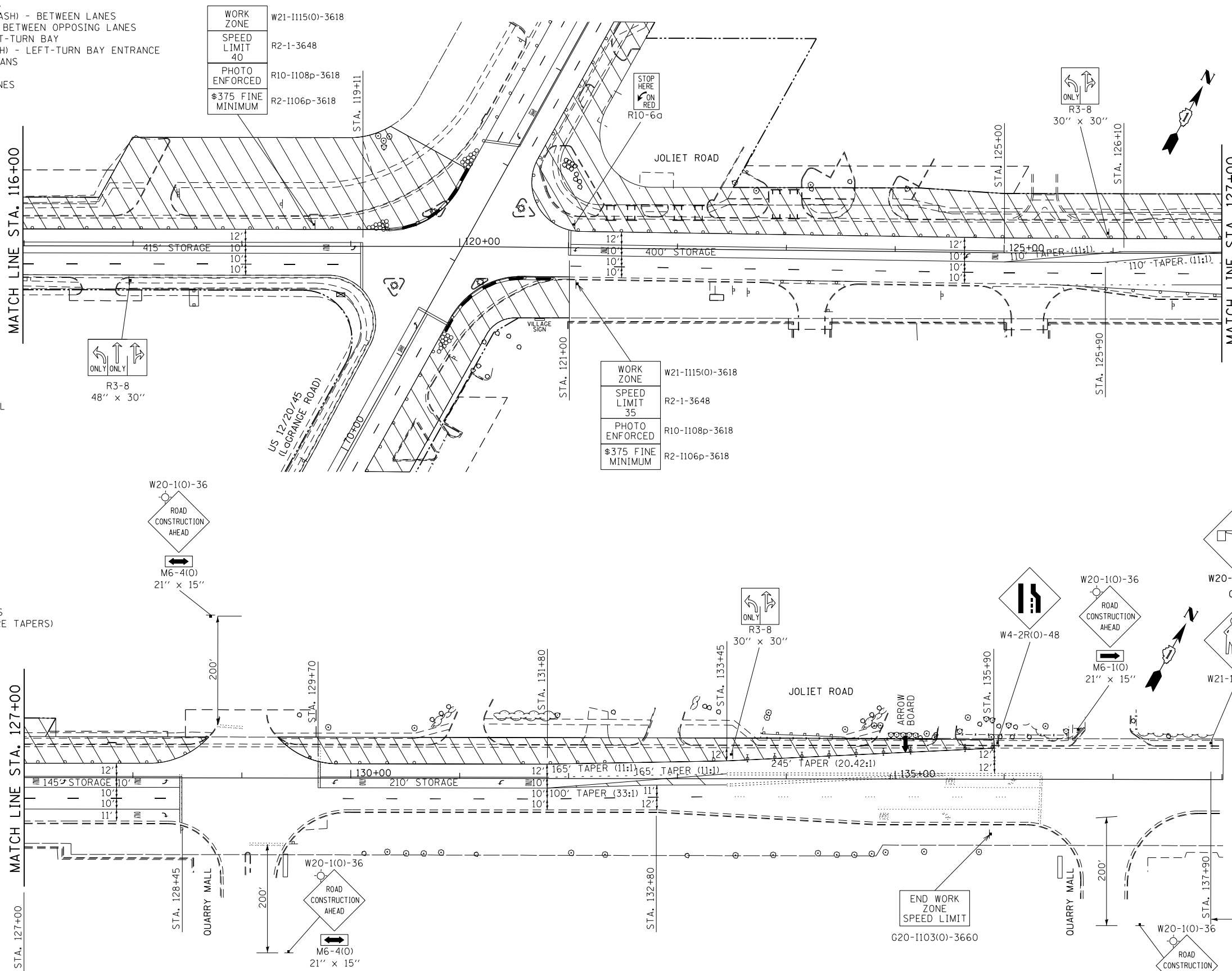
TEMPORARY PAVEMENT MARKINGS

- 4" WHITE EDGE LINE - RIGHT (OUTER) EDGES
- 4" YELLOW EDGE LINE - LEFTY (INSIDE) EDGES
- 4" WHITE SKIP DASH - (30 FT. SKIP-10 FT. DASH) - BETWEEN LANES
- 4" DOUBLE YELLOW @ 11" C-C - MEDIANS AND BETWEEN OPPOSING LANES
- 6" WHITE LANE LINE - STORAGE AREA OF LEFT-TURN BAY
- 6" WHITE SKIP DASH - (6 FT. SKIP-2 FT. DASH) - LEFT-TURN BAY ENTRANCE
- 12" YELLOW DIAGONALS - (20 FT. C-C) - MEDIANS
- 24" WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT 40	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- TYPE 11 BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)

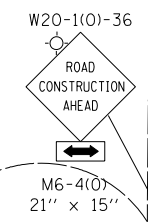
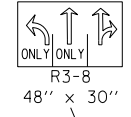
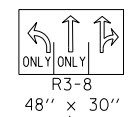


NOTES:
 * - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE

REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
 COVER EXISTING SIGNS IN CONFLICT

FILE NAME =	USER NAME = #USER#	DESIGNED - TA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC-STAGE 1 JOLIET ROAD			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 25
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	PLOT DATE = #DATE#	CHECKED - TA	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 10-16-13	REVISED -									

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618



MATCH LINE STA. 69+00

MATCH LINE STA. 80+00

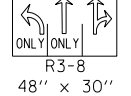
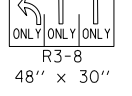
US RTE 12/20/45 (LaGRANGE ROAD)

60TH PLACE

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
- CONSTRUCTION SIGN
- TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
- ARROW BOARD
- DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618



TEMPORARY PAVEMENT MARKINGS

- 4" WHITE EDGE LINE - RIGHT (OUTER) EDGES
- 4" YELLOW EDGE LINE - LEFTY (INSIDE) EDGES
- 4" WHITE SKIP DASH - (30 FT. SKIP-10 FT. DASH) - BETWEEN LANES
- 4" DOUBLE YELLOW @ 11" C-C - MEDIANS AND BETWEEN OPPOSING LANES
- 6" WHITE LANE LINE - STORAGE AREA OF LEFT-TURN BAY
- 6" WHITE SKIP DASH - (6 FT. SKIP-2 FT. DASH) - LEFT-TURN BAY ENTRANCE
- 12" YELLOW DIAGONALS - (20 FT. C-C) - MEDIANS
- 24" WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

NOTES:
* - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE

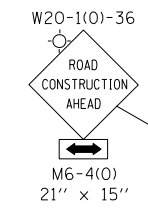
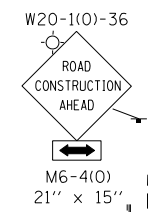
MATCH LINE STA. 80+00

US RTE 12/20/45 (LaGRANGE ROAD)

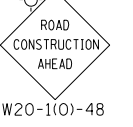
COUNTRYSIDE PLAZA

PANDA EXPRESS DRIVE THROUGH LANES REMAIN OPEN AT ALL TIMES

59TH STREET












WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618



REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
COVER EXISTING SIGNS IN CONFLICT

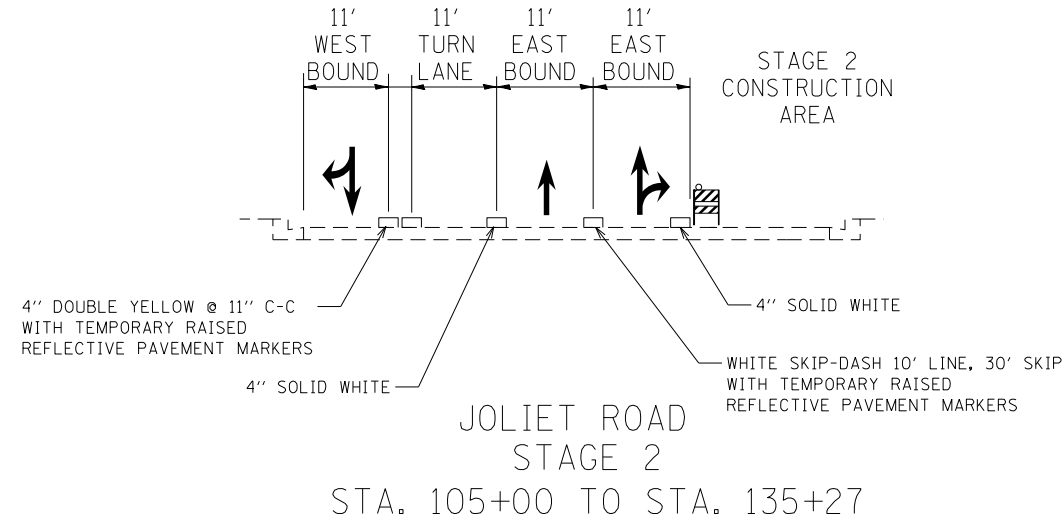
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	PLOT DATE = #DATE#	CHECKED - TA	REVISED -					CONTRACT NO. 60L73				
		DATE - 10-16-13	REVISED -									

MAINTENANCE OF TRAFFIC LEGEND

-  CONSTRUCTION AREA
-  DIRECTION OF TRAFFIC
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATOR
-  TYPE 11 BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
-  CONSTRUCTION SIGN
-  TYPE III BARRICADES WITH FLASHING LIGHTS (2 EACH)
-  ARROW BOARD
-  DIRECTIONAL INDICATOR BARRICADES (TO BE USED ONLY IN LANE CLOSURE TAPERS)

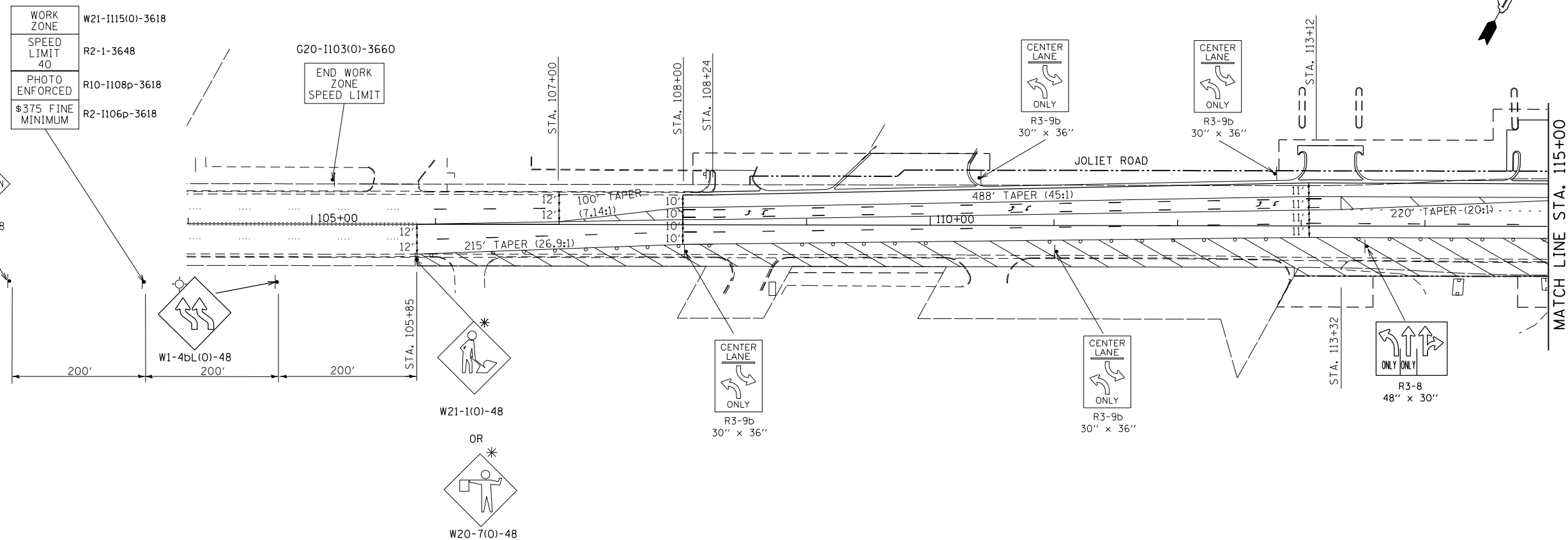
NOTES:

* - ONLY WHEN WORKERS/FLAGGERS ARE ON JOBSITE



TEMPORARY PAVEMENT MARKINGS

- 4" WHITE EDGE LINE - RIGHT (OUTER) EDGES
- 4" YELLOW EDGE LINE - LEFTY (INSIDE) EDGES
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- 4" DOUBLE YELLOW @ 11" C-C - MEDIANS AND BETWEEN OPPOSING LANES
- 6" WHITE LANE LINE - STORAGE AREA OF LEFT-TURN BAY
- 6" WHITE SKIP DASH - (6 FT. SKIP-2 FT. DASH) - LEFT-TURN BAY ENTRANCE
- 12" YELLOW DIAGONALS - (20 FT. C-C) - MEDIANS
- 24" WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES



REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
COVER EXISTING SIGNS IN CONFLICT

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - TA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC-STAGE 2 JOLIET ROAD			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 28
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WORK ZONE	W21-1115(O)-3618
SPEED LIMIT 40	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

WORK ZONE	W21-1115(O)-3618
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\$375 FINE MINIMUM	R2-1106p-3618

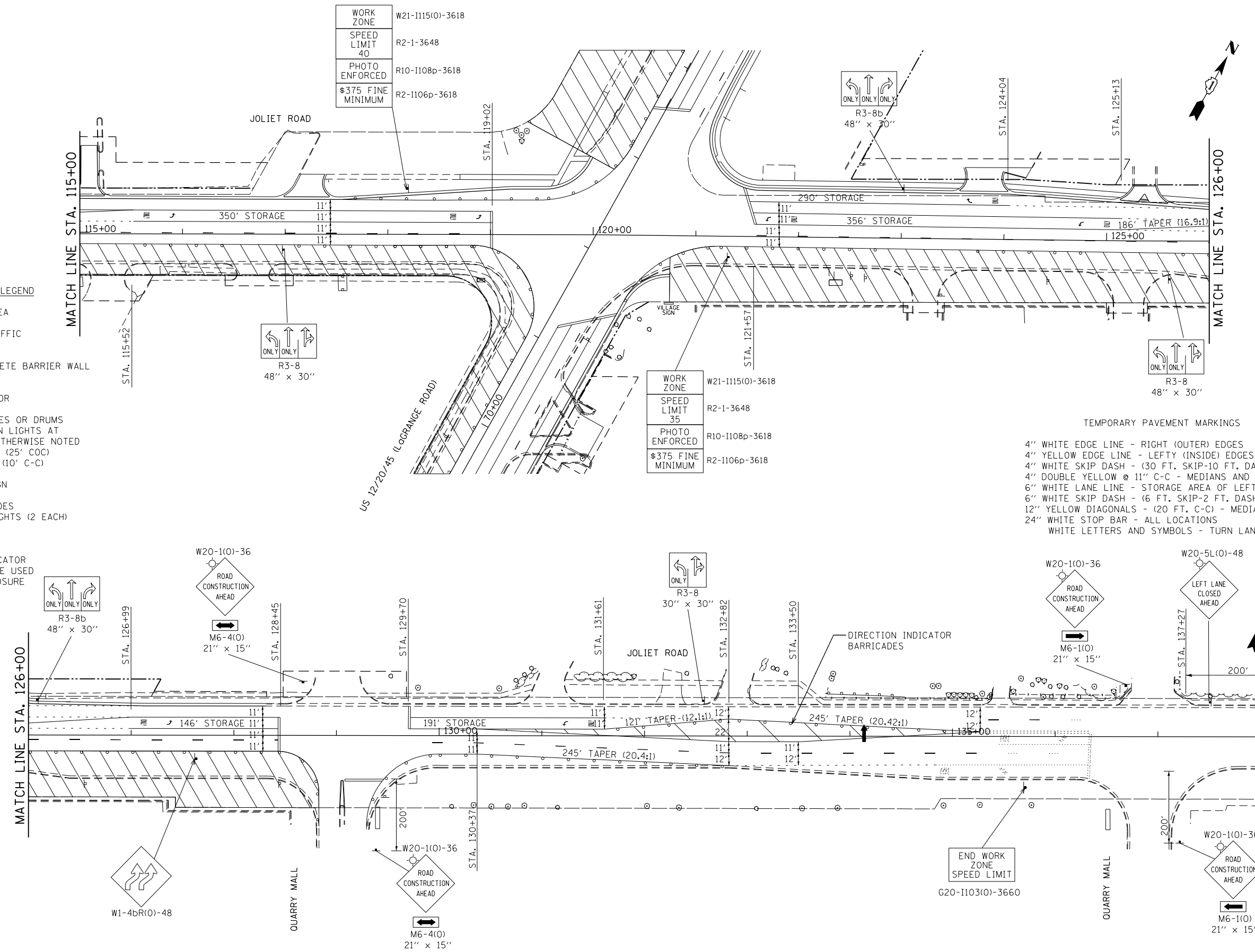
WORK ZONE	W21-1115(O)-3618
SPEED LIMIT 35	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618
\$375 FINE MINIMUM	R2-1106p-3618

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION AREA
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- TYPE 11 BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED DEVICES IN TAPER (25' C-C) DEVICES IN RADII (10' C-C)
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- WHITE LETTERS AND SYMBOLS - TURN LANES












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REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
COVER EXISTING SIGNS IN CONFLICT

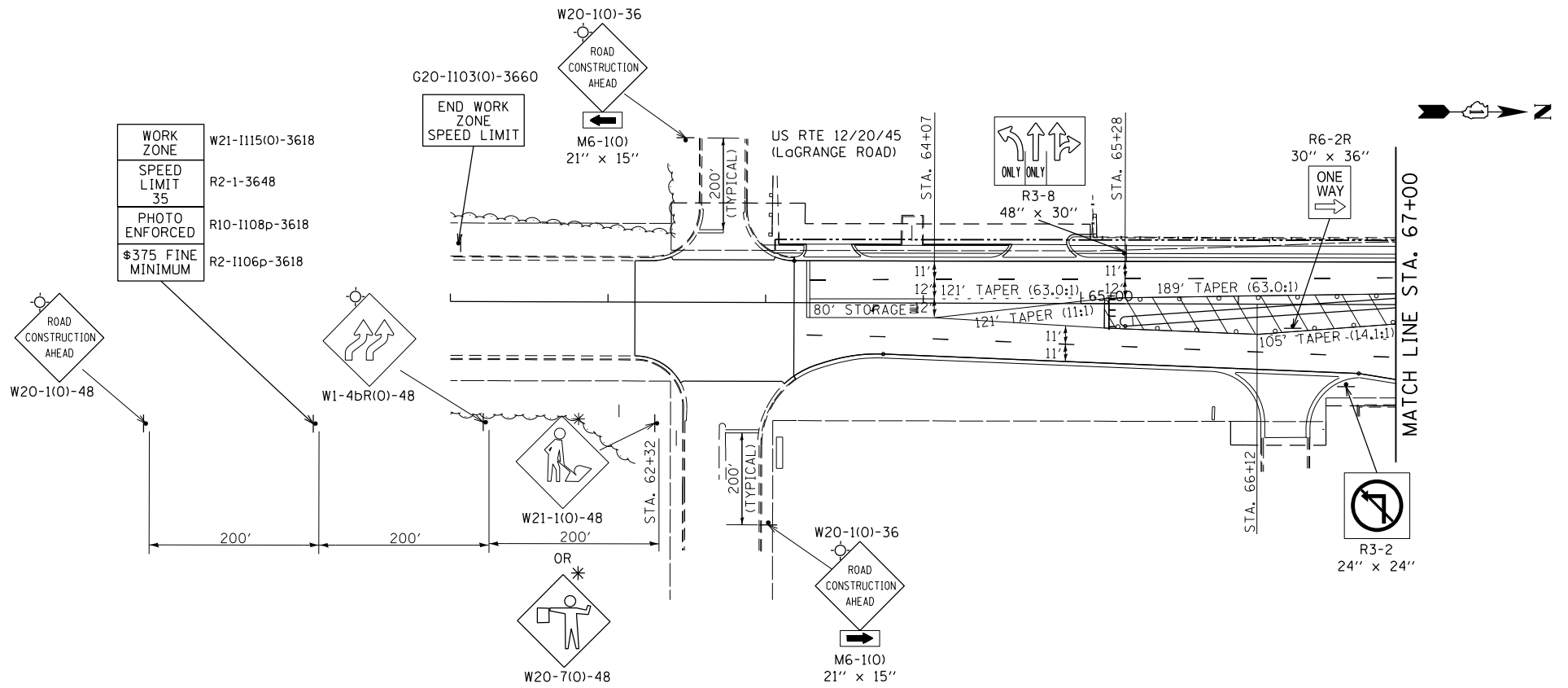
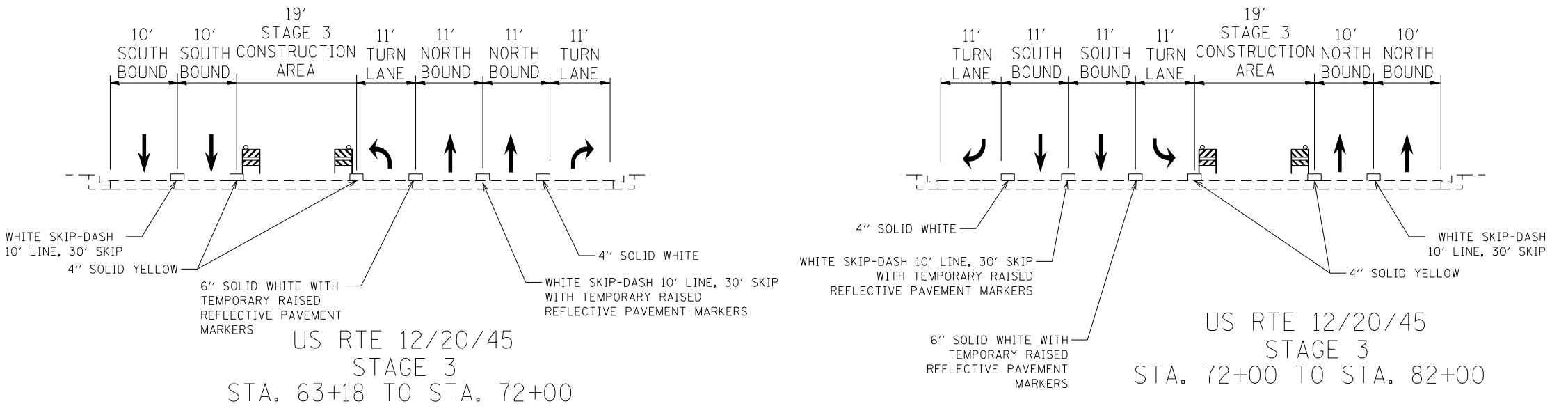
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	PLOT DATE = #DATE#	CHECKED - TA	REVISED -					CONTRACT NO. 60L73				
	DATE - 10-16-13	REVISIED -										

MAINTENANCE OF TRAFFIC LEGEND

-  CONSTRUCTION AREA
-  DIRECTION OF TRAFFIC
-  TEMPORARY CONCRETE BARRIER WALL
-  IMPACT ATTENUATOR
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS AT 50' C-C UNLESS OTHERWISE NOTED
DEVICES IN TAPER (25' C-C)
DEVICES IN RADII (10' C-C)
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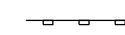





REMOVE EXISTING PAVEMENT MARKINGS IN CONFLICT
COVER EXISTING SIGNS IN CONFLICT

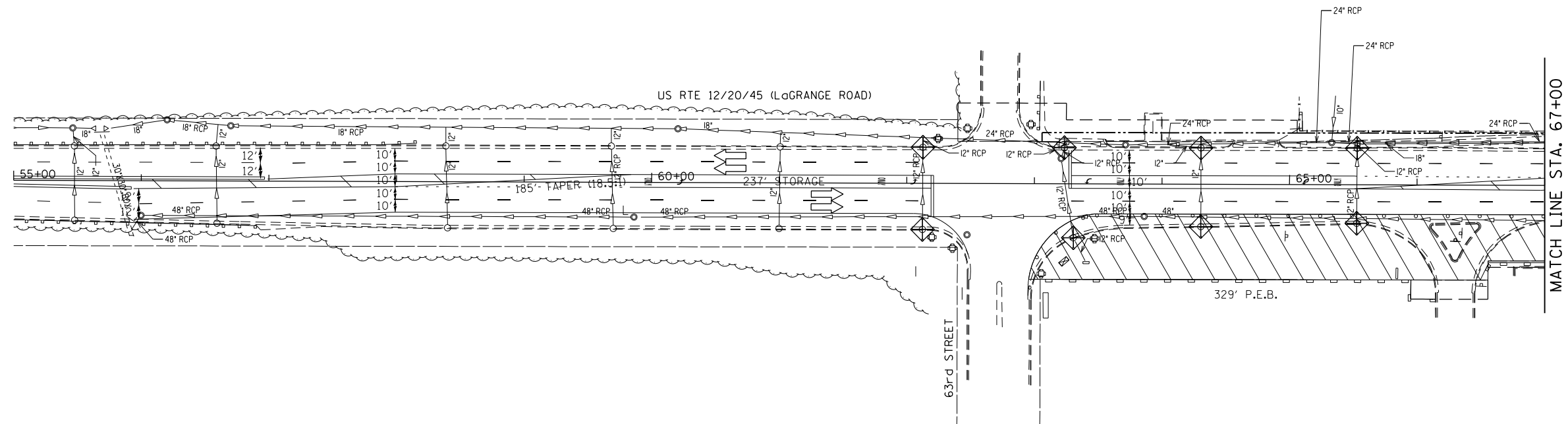
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	DATE - 10-16-13	REVISIED -										

TEMPORARY EROSION CONTROL NOTES

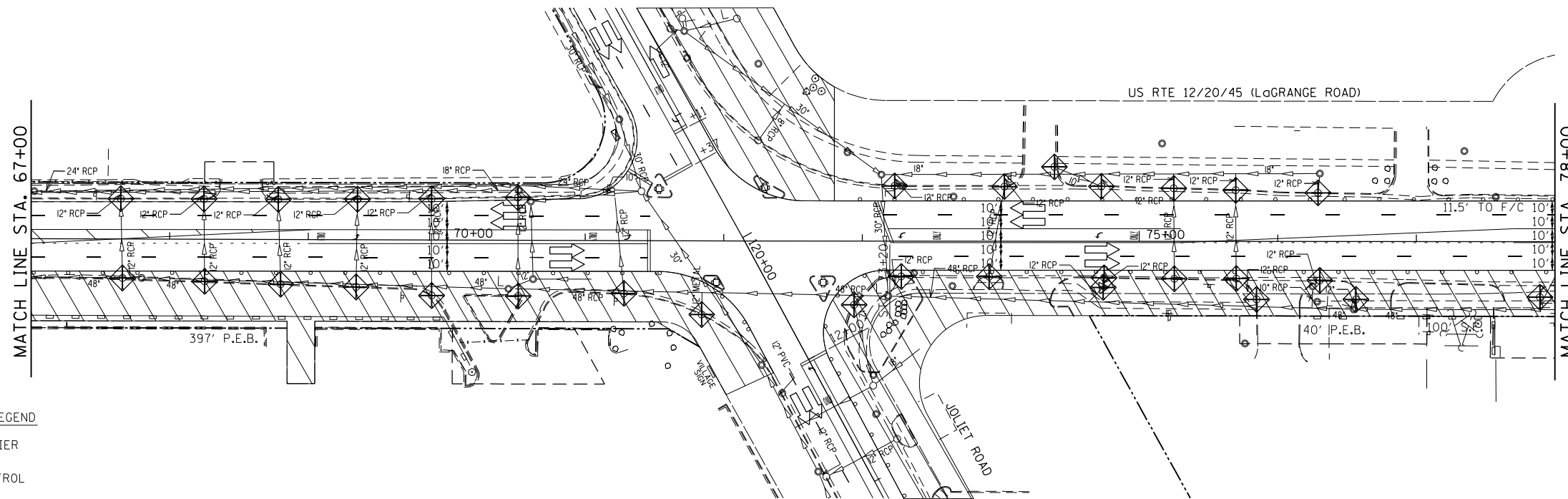
1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
4. THE QUANTITIES SHOWN FOR INLET & PIPE PROTECTION AND TEMPORARY DITCH CHECKS ARE SUFFICIENT FOR ONE (1) SETUP AND THREE (3) REPLACEMENTS.
5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.
8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION".
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
11. SILT FENCE SHALL BE INSTALLED ALONG R.O.W. LINES EXCEPT WHERE IT WOULD CROSS CONTOURS. INSTALL J-HOOKS PER HIGHWAY STANDARD SHEET 280001-06.
12. TEMPORARY EROSION CONTROL SEEDING TO BE PLACED ON ALL NEWLY DISTURBED AREAS EVERY 7 DAYS IF AN AREA IS TO BE IDLE FOR 14 DAYS OR MORE.

STORMWATER POLLUTION PREVENTION LEGEND

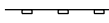





-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  DRAINAGE STRUCTURES

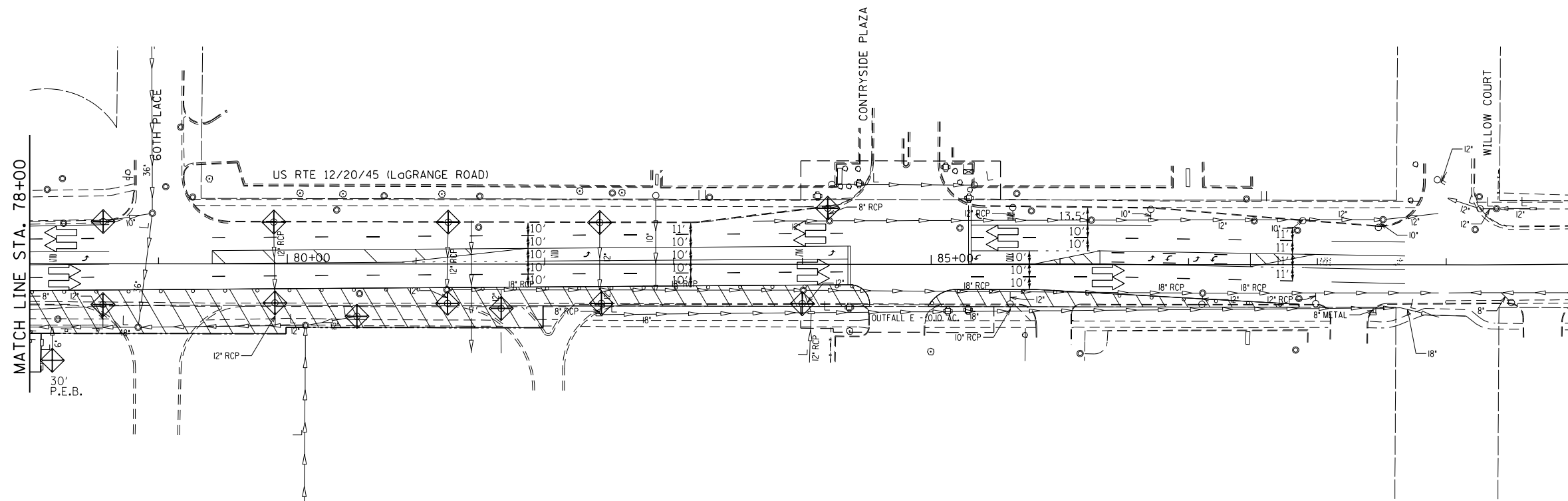


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PLOT DATE = #DATE#	CHECKED - BDH	DATE - 10-16-13	REVISED -		CONTRACT NO. 60L73							



STORMWATER POLLUTION PREVENTION LEGEND

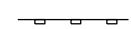





-  PERIMETER EROSION BARRIER (P.E.B)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
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FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - BDH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN STAGE I			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 33
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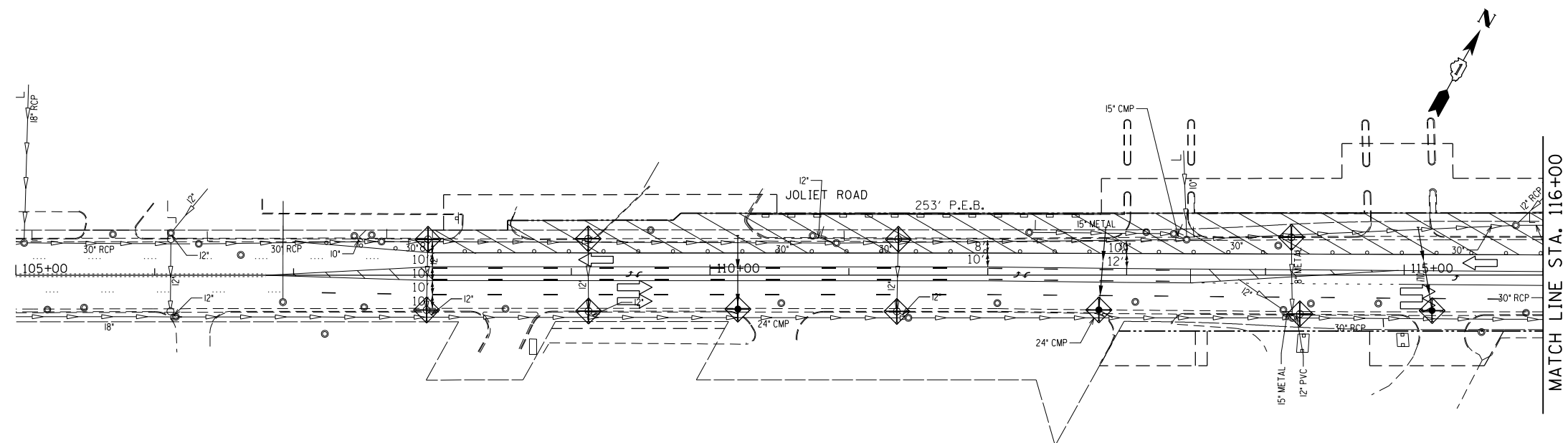
TEMPORARY EROSION CONTROL NOTES

STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  DRAINAGE STRUCTURES

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
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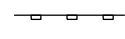
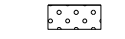




7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.
8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION".
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
11. SILT FENCE SHALL BE INSTALLED ALONG R.O.W. LINES EXCEPT WHERE IT WOULD CROSS CONTOURS. INSTALL J-HOOKS PER HIGHWAY STANDARD SHEET 280001-06.
12. TEMPORARY EROSION CONTROL SEEDING TO BE PLACED ON ALL NEWLY DISTURBED AREAS EVERY 7 DAYS IF AN AREA IS TO BE IDLE FOR 14 DAYS OR MORE.



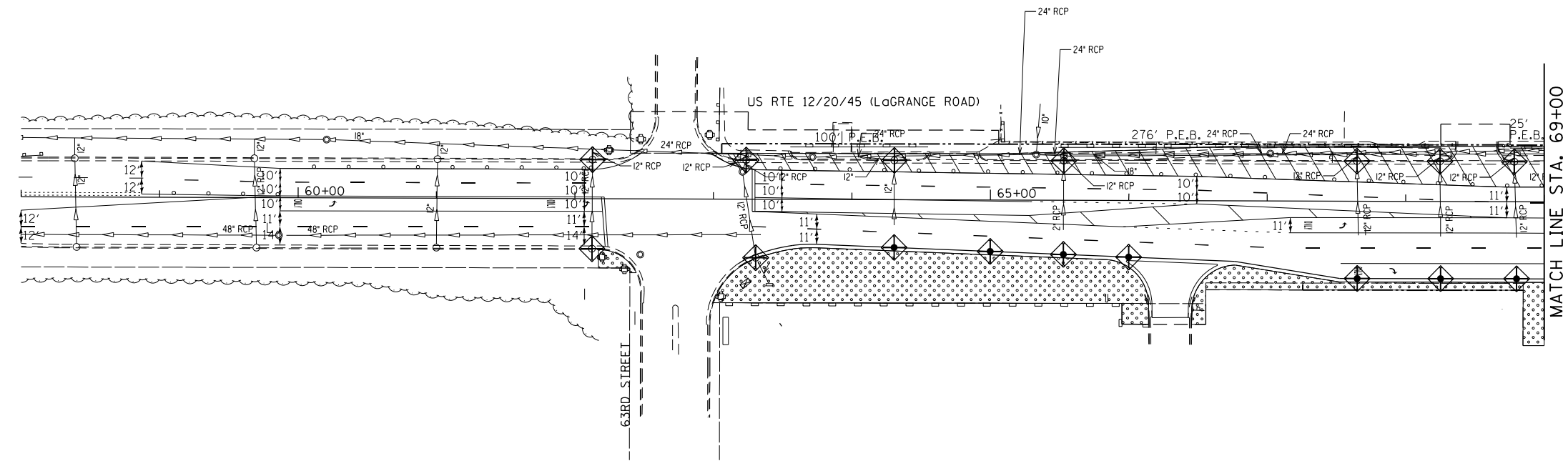
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	PLOT DATE = #DATE#	DATE - 10-16-13	REVISED -		ILLINOIS FED. AID PROJECT							

TEMPORARY EROSION CONTROL NOTES

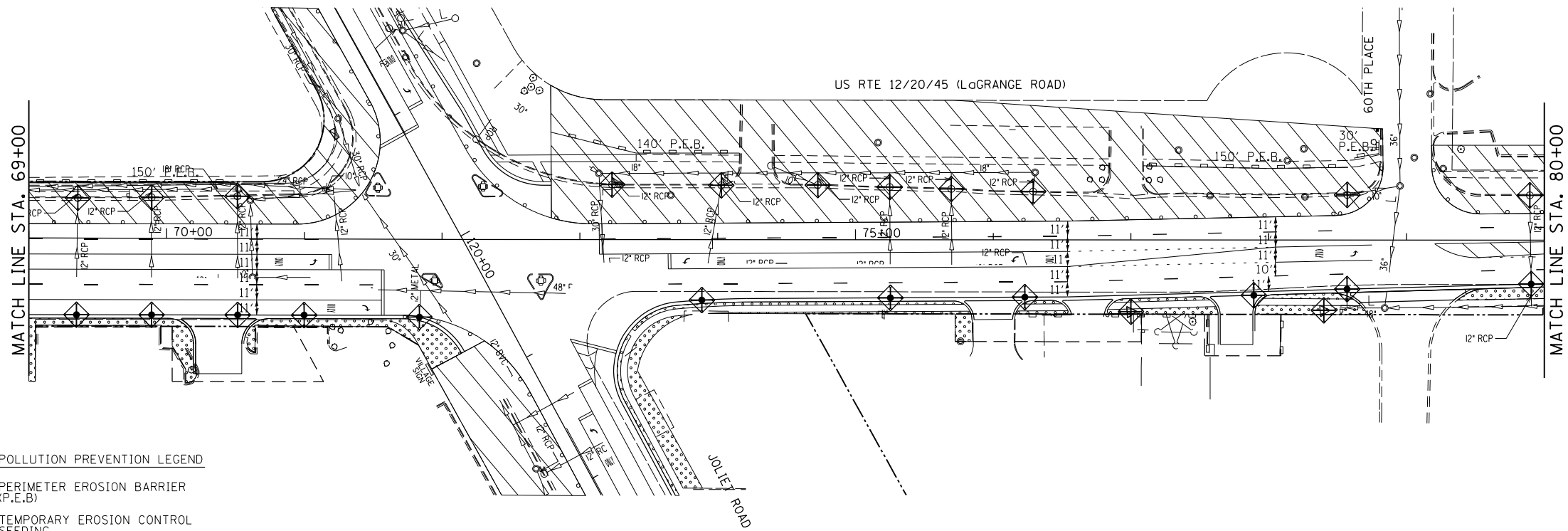
STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  DRAINAGE STRUCTURES

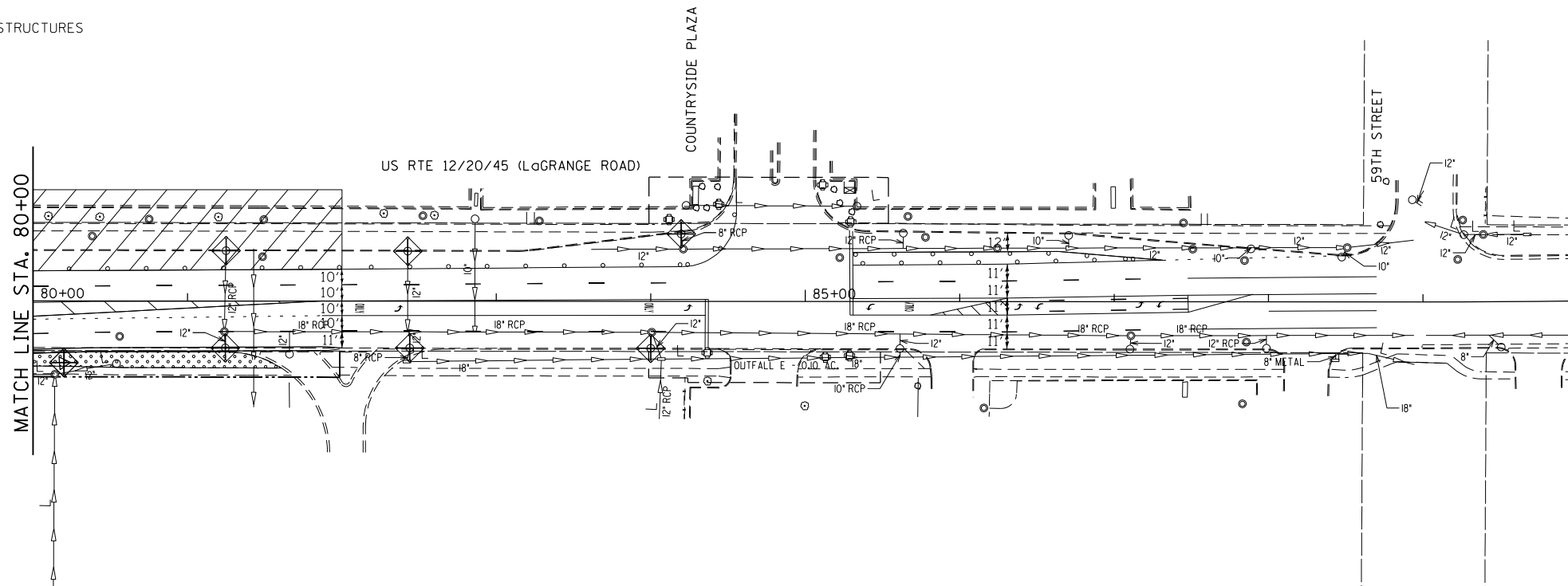
1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
4. THE QUANTITIES SHOWN FOR INLET & PIPE PROTECTION AND TEMPORARY DITCH CHECKS ARE SUFFICIENT FOR ONE (1) SETUP AND THREE (3) REPLACEMENTS.
5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.
8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION".
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
11. SILT FENCE SHALL BE INSTALLED ALONG R.O.W. LINES EXCEPT WHERE IT WOULD CROSS CONTOURS. INSTALL J-HOOKS PER HIGHWAY STANDARD SHEET 280001-06.
12. TEMPORARY EROSION CONTROL SEEDING TO BE PLACED ON ALL NEWLY DISTURBED AREAS EVERY 7 DAYS IF AN AREA IS TO BE IDLE FOR 14 DAYS OR MORE.



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	PLOT DATE = #DATE#	DATE - 10-16-13	REVISED -		CONTRACT NO. 60L73							



- STORMWATER POLLUTION PREVENTION LEGEND**
- PERIMETER EROSION BARRIER (P.E.B.)
 - TEMPORARY EROSION CONTROL SEEDING
 - INLET AND PIPE PROTECTION
 - INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
 - INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
 - DRAINAGE STRUCTURES









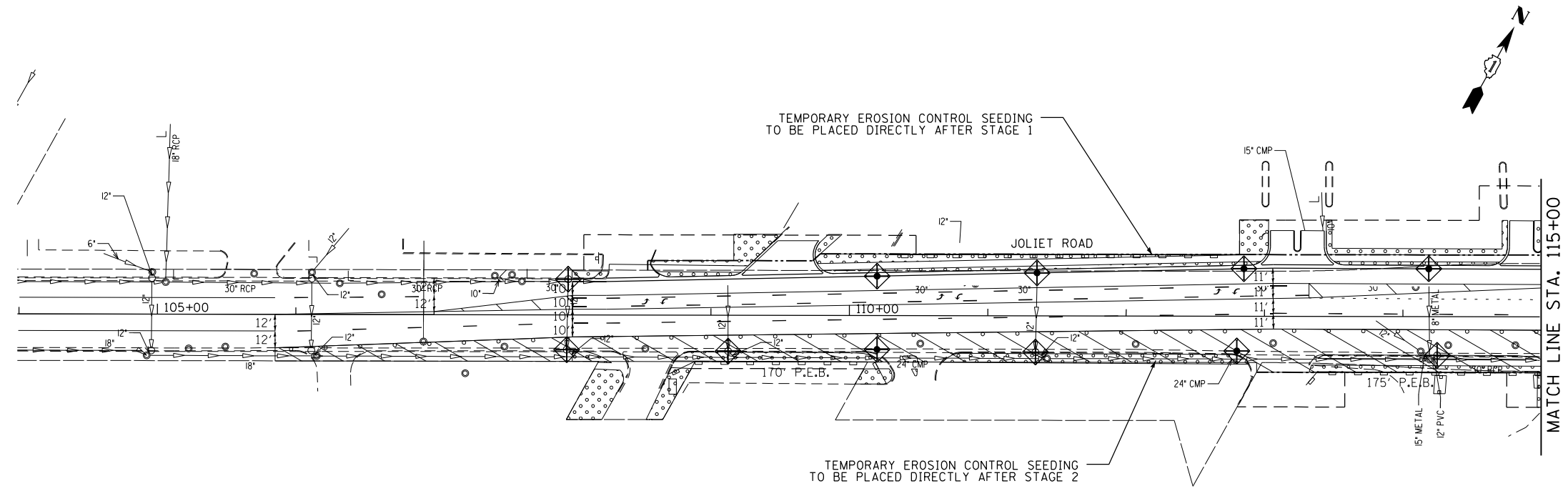
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PLOT DATE = #DATE#	DATE - 10-16-13	REVISED -	SCALE: 1" = 50'			SHEET NO. OF SHEETS	STA. 69+00 TO STA. 90+00	ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL NOTES

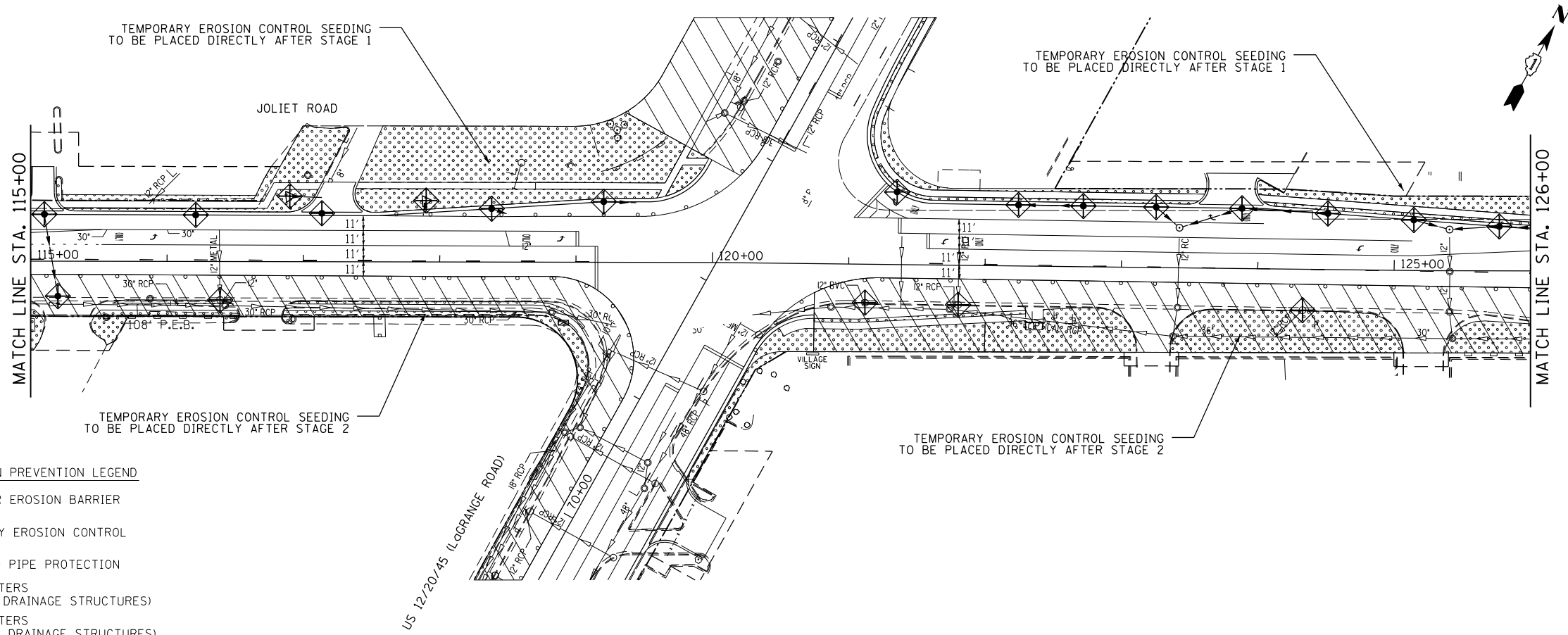
1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
4. THE QUANTITIES SHOWN FOR INLET & PIPE PROTECTION AND TEMPORARY DITCH CHECKS ARE SUFFICIENT FOR ONE (1) SETUP AND THREE (3) REPLACEMENTS.
5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDING WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.
8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION".
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
11. SILT FENCE SHALL BE INSTALLED ALONG R.O.W. LINES EXCEPT WHERE IT WOULD CROSS CONTOURS. INSTALL J-HOOKS PER HIGHWAY STANDARD SHEET 280001-06.
12. TEMPORARY EROSION CONTROL SEEDING TO BE PLACED ON ALL NEWLY DISTURBED AREAS EVERY 7 DAYS IF AN AREA IS TO BE IDLE FOR 14 DAYS OR MORE.

STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  DRAINAGE STRUCTURES



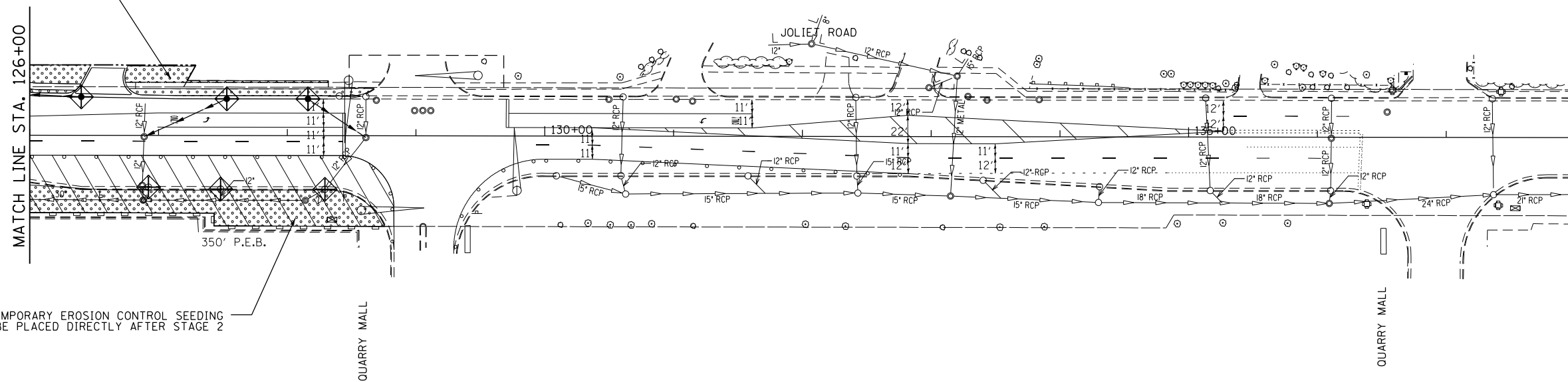
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	CONTRACT NO. 60L73											



STORMWATER POLLUTION PREVENTION LEGEND

- PERIMETER EROSION BARRIER (P.E.B.)
- TEMPORARY EROSION CONTROL SEEDING
- INLET AND PIPE PROTECTION
- INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
- INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
- DRAINAGE STRUCTURES

TEMPORARY EROSION CONTROL SEEDING TO BE PLACED DIRECTLY AFTER STAGE 1









TEMPORARY EROSION CONTROL SEEDING TO BE PLACED DIRECTLY AFTER STAGE 2

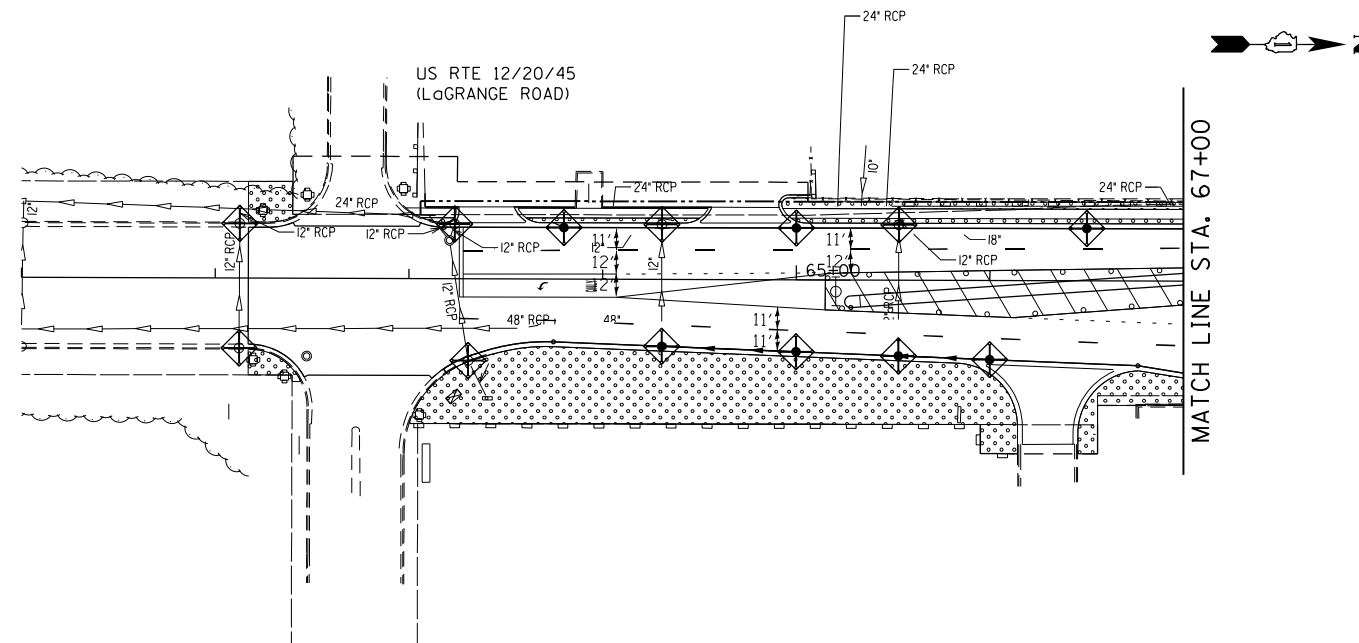
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	PLOT DATE = #DATE#	DATE - 10-16-13	REVISED -		SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 115+00 TO STA. 138+00	ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL NOTES

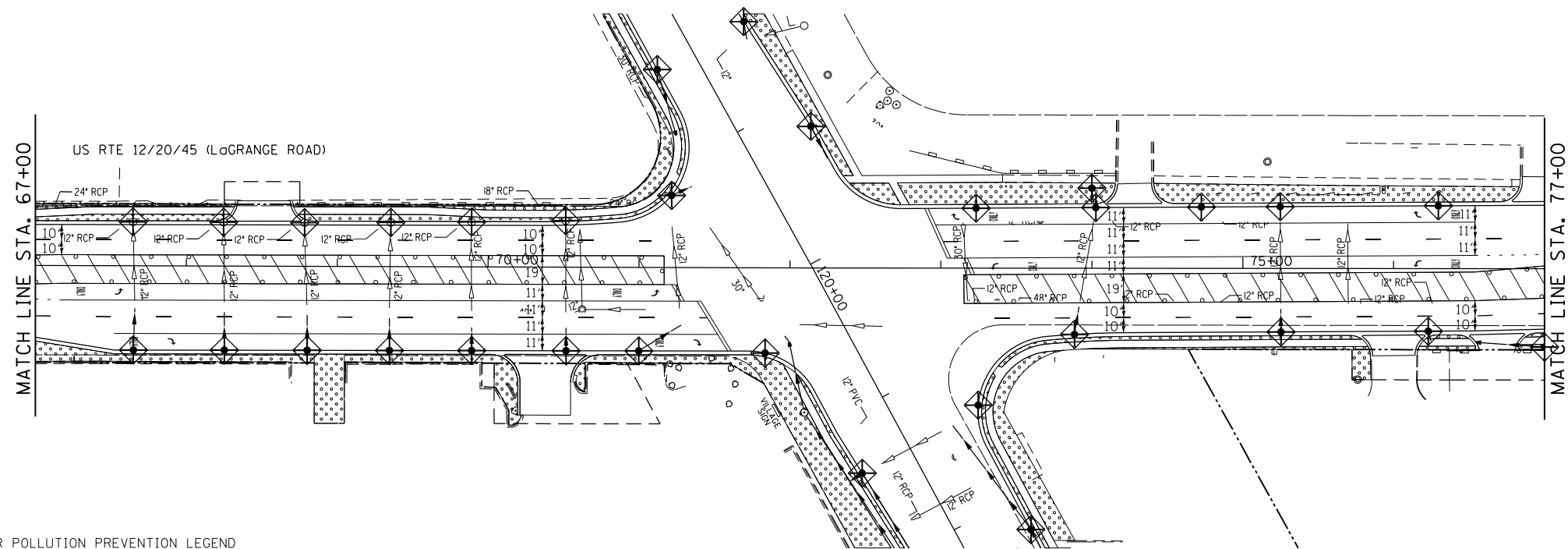
1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
4. THE QUANTITIES SHOWN FOR INLET & PIPE PROTECTION AND TEMPORARY DITCH CHECKS ARE SUFFICIENT FOR ONE (1) SETUP AND THREE (3) REPLACEMENTS.
5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE MONTH OR MORE, SHALL BE TEMPORARILY SEEDING WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.
8. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION".
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
11. SILT FENCE SHALL BE INSTALLED ALONG R.O.W. LINES EXCEPT WHERE IT WOULD CROSS CONTOURS. INSTALL J-HOOKS PER HIGHWAY STANDARD SHEET 280001-06.
12. TEMPORARY EROSION CONTROL SEEDING TO BE PLACED ON ALL NEWLY DISTURBED AREAS EVERY 7 DAYS IF AN AREA IS TO BE IDLE FOR 14 DAYS OR MORE.

STORMWATER POLLUTION PREVENTION LEGEND







-  PERIMETER EROSION BARRIER (P.E.B)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  DRAINAGE STRUCTURES



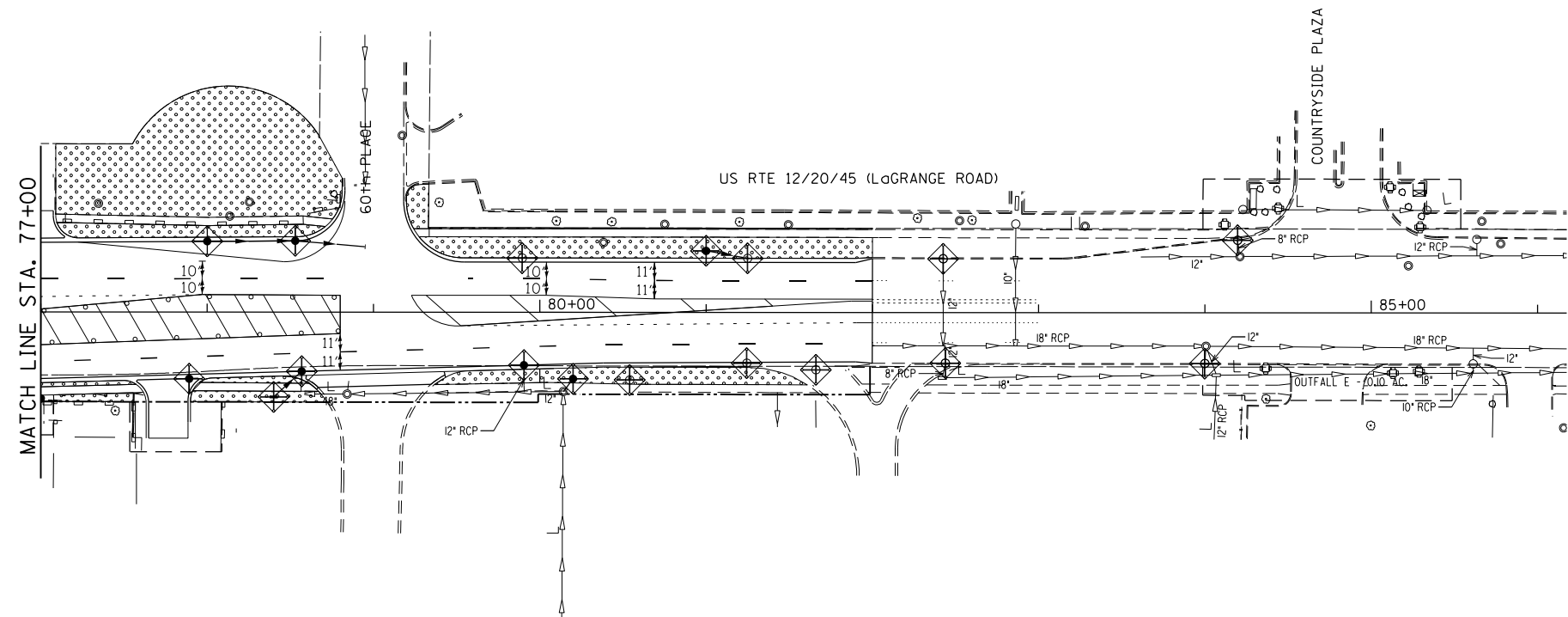
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	DATE - 10-16-13	REVISD -	REVISED -		ILLINOIS FED. AID PROJECT								



STORMWATER POLLUTION PREVENTION LEGEND

-  PERIMETER EROSION BARRIER (P.E.B.)
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET AND PIPE PROTECTION
-  INLET FILTERS (EXISTING DRAINAGE STRUCTURES)
-  INLET FILTERS (PROPOSED DRAINAGE STRUCTURES)
-  DRAINAGE STRUCTURES

NOTE:
ALL EXISTING AND NEW STORM INLETS AND CATCH BASINS WITHIN PROJECT LIMITS ON JOLIET ROAD SHALL HAVE INLET FILTERS DURING PHASE III.

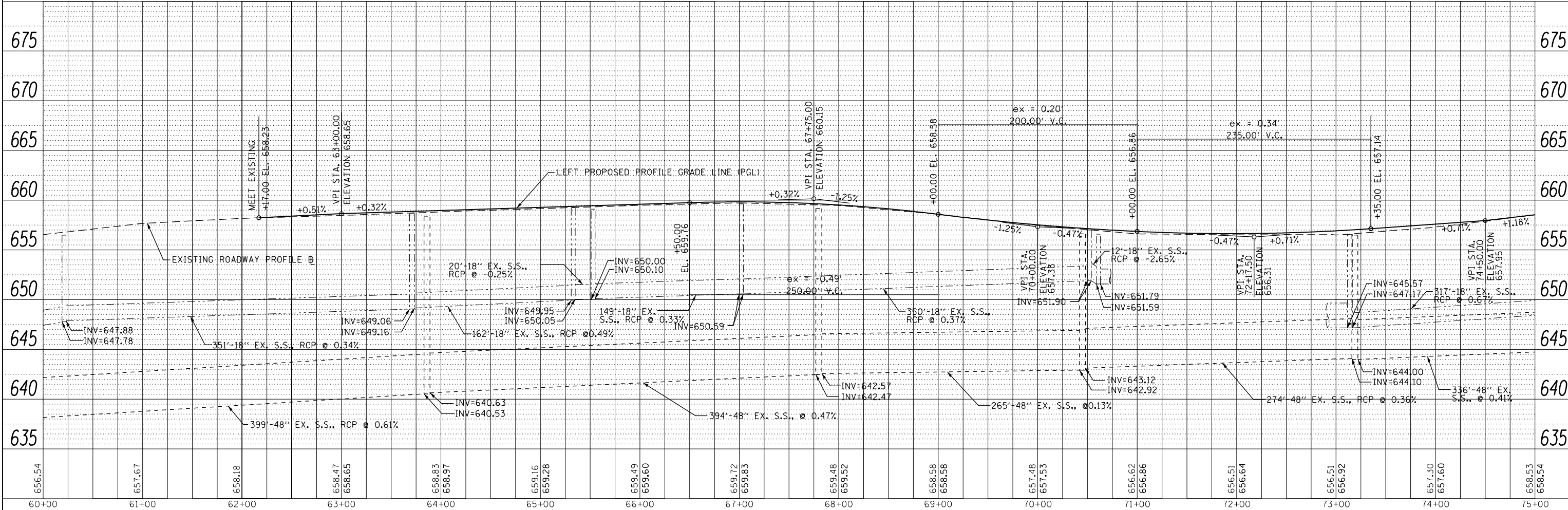
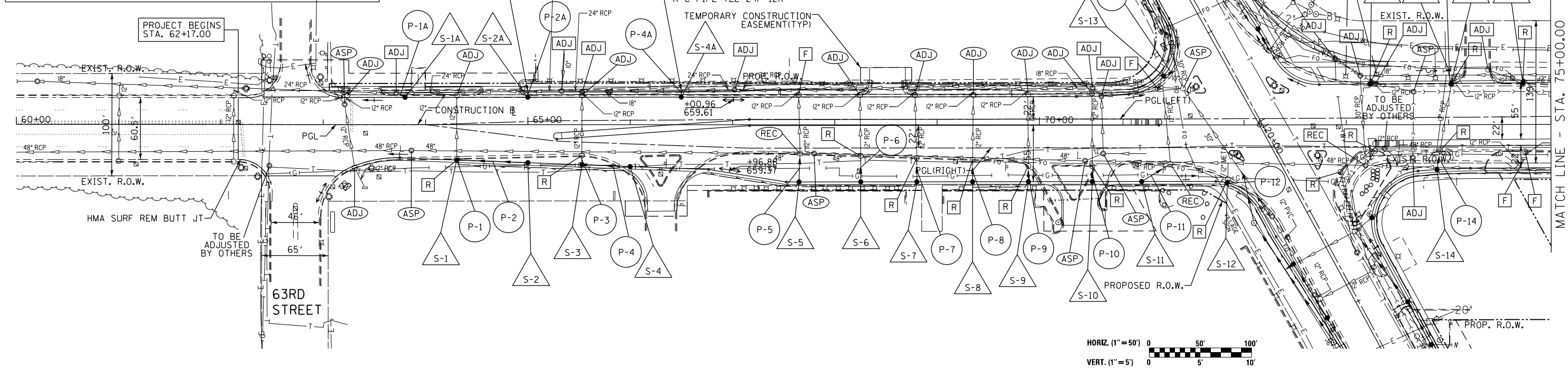


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	DATE - 10-16-13	REVISED -	REVISED -									

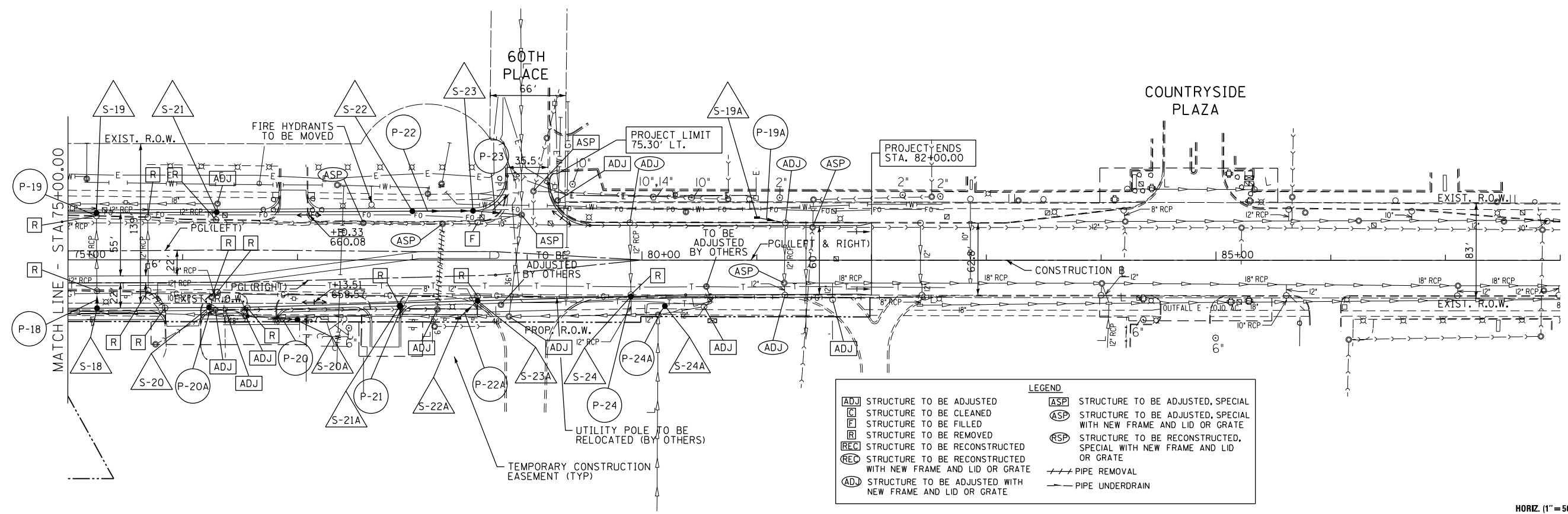
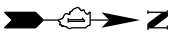
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BY	
REVIEWED	
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DATE	
BY	
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PLANNED	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

LEGEND	
[ADJ] STRUCTURE TO BE ADJUSTED	[ASP] STRUCTURE TO BE ADJUSTED, SPECIAL
[C] STRUCTURE TO BE CLEANED	[ASP] STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
[F] STRUCTURE TO BE FILLED	[RSP] STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
[R] STRUCTURE TO BE REMOVED	--- PIPE REMOVAL
[REC] STRUCTURE TO BE RECONSTRUCTED	--- PIPE UNDERDRAIN
[REC] STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	
[ADJ] STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	

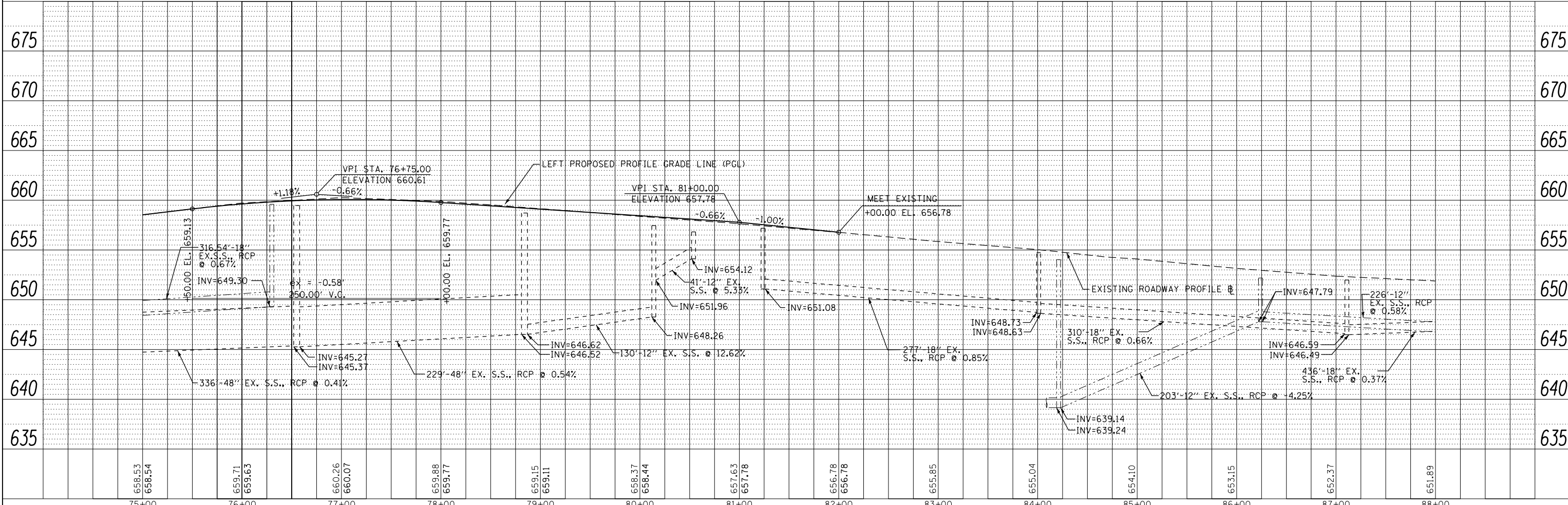


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		DATE - 10-16-13	REVISED -									



LEGEND

ADJ STRUCTURE TO BE ADJUSTED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL
C STRUCTURE TO BE CLEANED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
F STRUCTURE TO BE FILLED	RCP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
R STRUCTURE TO BE REMOVED	--- PIPE REMOVAL
REC STRUCTURE TO BE RECONSTRUCTED	- - - PIPE UNDERDRAIN
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	
ADJ STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	



DATE: _____

BY: _____

REVISIONS:

NO.	DESCRIPTION

PLAN

DATE: _____

BY: _____

REVISIONS:

NO.	DESCRIPTION

DATE: _____

BY: _____

REVISIONS:

NO.	DESCRIPTION

PROFILE

DATE: _____

BY: _____

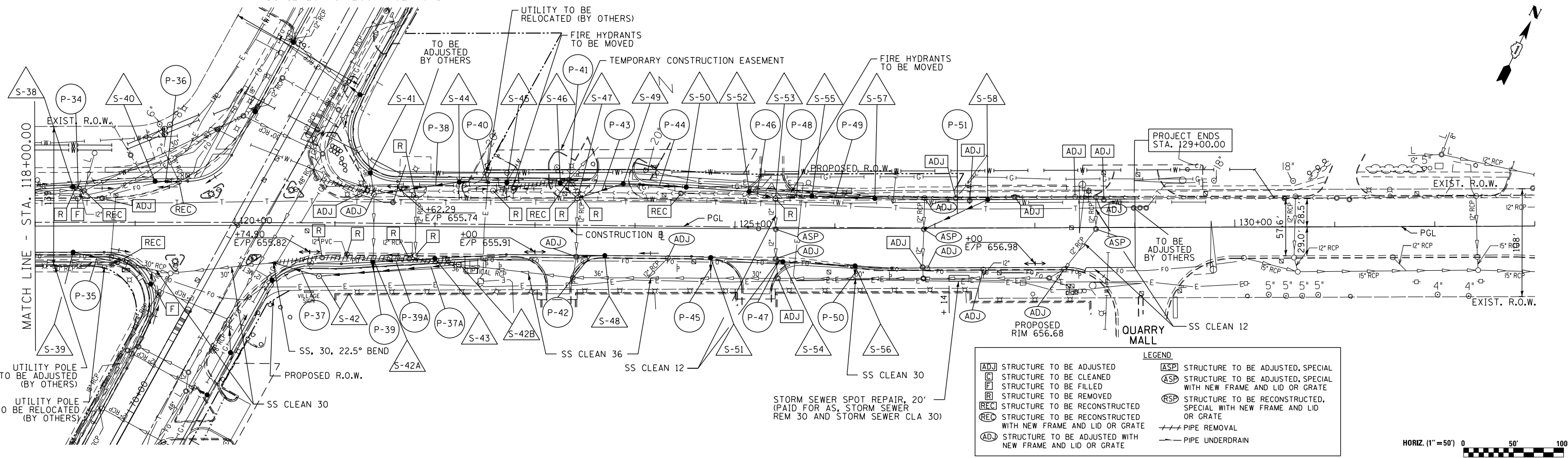
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		DATE - 10-16-13	REVISED -										



DATE	BY

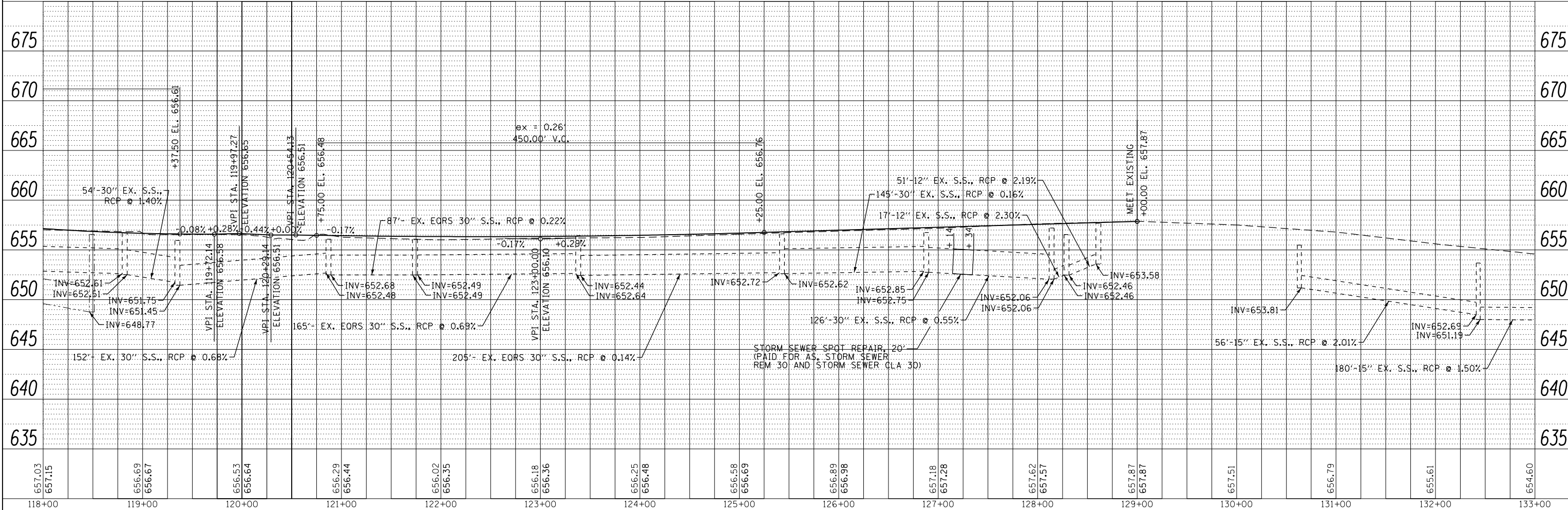


LEGEND

ADJ STRUCTURE TO BE ADJUSTED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL
C STRUCTURE TO BE CLEANED	ASP STRUCTURE TO BE ADJUSTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
F STRUCTURE TO BE FILLED	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
R STRUCTURE TO BE REMOVED	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
REC STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME AND LID OR GRATE	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
ADJ STRUCTURE TO BE ADJUSTED WITH NEW FRAME AND LID OR GRATE	RSP STRUCTURE TO BE RECONSTRUCTED, SPECIAL WITH NEW FRAME AND LID OR GRATE
	--- PIPE REMOVAL
	- - - PIPE UNDERDRAIN



DATE	BY



FILE NAME =	USER NAME = #USER#	DESIGNED - BDH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITIES JOLIET ROAD	F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 45		
#FILE#	PLOT SCALE = #SCALE#	DRAWN - BCD	REVISED -			SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 118+00 TO STA. 133+00	CONTRACT NO. 60L73			
	PLOT DATE = #DATE#	CHECKED - BDH	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE - 10-16-13	REVISED -									

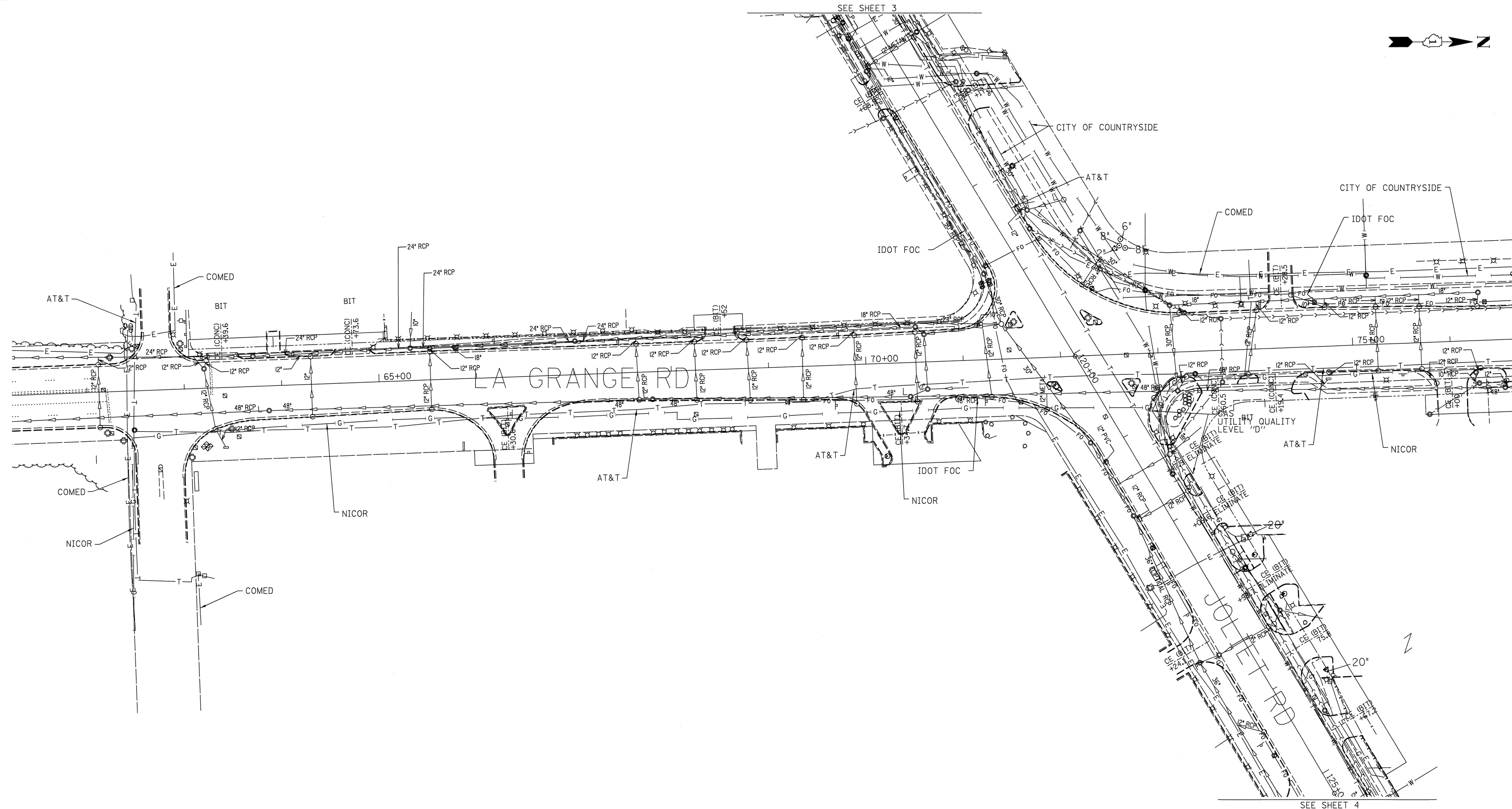
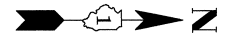
DRAINAGE AND UTILITY STRUCTURE TABLES

STRUCT. NO.	STATION	OFFSET	STRUCTURE TYPE	RIM	INVERT			
					NORTH	SOUTH	EAST	WEST
S-1	64+31	34.5' RT	CB TA 4' DIA T24 F&G	658.45	654.50	-	-	654.50
S-1A	63+80	26.6' LT	CB TA 4' DIA T24 F&G	658.37	-	654.80 (SW)	-	-
S-2	65+00	37.1' RT	CB TA 4' DIA T24 F&G	658.79	-	655.15	-	-
S-2A	65+00	26.8' LT	CB TA 4' DIA T24 F&G	658.81	-	-	-	653.80
S-3	65+53	39.11' RT	CB TA 4' DIA T24 F&G	658.98	655.13	-	-	655.10
S-4	66+00	40.9' RT	CB TA 4' DIA T24 F&G	659.12	-	655.56	-	-
S-4A	66+50	27' LT	CB TA 4' DIA T24 F&G	659.32	-	-	-	654.30
S-5	67+65	55.8' RT	CB TA 4' DIA T24 F&G	658.91	-	-	-	654.85
S-6	68+25	55.7' RT	CB TA 4' DIA T24 F&G	658.52	-	-	-	654.80
S-7	68+80	55.6' RT	CB TA 4' DIA T24 F&G	657.98	-	-	-	654.38
S-8	69+35	55.5' RT	CB TC T24 F&G	657.30	-	-	-	654.55
S-9	69+89	55.4' RT	CB TC T24 F&G	656.74	-	-	-	654.22
S-10	70+52	55.3' RT	CB TC T24 F&G	656.24	-	-	-	653.13
S-11	71+00	55.3' RT	CB TA 4' DIA T24 F&G	655.98	652.30	-	-	-
S-12	71+84	56.4' RT	CB TC T3 F&G	655.77	-	-	-	652.85
S-13	71+21	47.8' LT	CB TA 4' DIA T3 F&G	655.87	652.30	-	-	-
S-14	73+89	43.8' RT	CB TA 4' DIA T24 F&G	656.91	-	-	-	651.13
S-15	73+23	39.7' LT	CB TA 4' DIA T24 F&G	656.34	-	-	-	649.96
S-16	74+03	40.2' LT	CB TA 4' DIA T24 F&G	656.90	-	653.40 (SW)	648.93	648.93
S-16A	74+00	53' LT	INL TA T8G	657.00	-	-	653.50	-
S-17	74+73	40.6' LT	CB TA 4' DIA T24 F&G	657.50	-	653.60 (SW)	653.42	649.72
S-18	75+25	42.1' RT	CB TA 4' DIA T24 F&G	658.27	-	-	-	652.32
S-19	75+25	40.9' LT	CB TA 4' DIA T24 F&G	658.12	-	-	650.78	650.78
S-19A	81+00	37' LT	INL TA T8G	657.10	653.60	-	-	-
S-20	76+23	41.5' RT	CB TA 4' DIA T24 F&G	659.27	-	-	650.20	-
S-20A	77+00	52' RT	CB TC T8G	659.20	-	655.70	-	-
S-21	76+30	41.5' LT	CB TA 4' DIA T24 F&G	659.12	-	-	-	653.80
S-21A	77+89	40.1' RT	CB TA 4' DIA T24 F&G	659.35	-	-	649.20	-
S-22	78+00	42.5' LT	CB TA 4' DIA T24 F&G	659.01	655.50	-	-	-
S-22A	78+40	51' RT	INL TA T8G	658.80	-	-	-	655.80
S-23	78+53	42.8' LT	CB TA 4' DIA T24 F&G	658.63	654.91	655.01	-	-
S-23A	78+57	35.6' RT	CB TA 4' DIA T24 F&G	658.92	-	655.61 (SE)	651.90	-
S-24	79+90	31.7' RT	CB TA 4' DIA T24 F&G	657.88	-	-	649.68	649.68
S-24A	80+20	40' RT	CB TC T8G	656.85	-	-	653.35	-
S-25	110+20	28.5' LT	CB TA 4' DIA T24 F&G	669.26	-	663.14 (SE)	-	-
S-25A	109+60	31' RT	MH TA 5' DIA T8G	669.29	662.62 (NE)	662.62 (SW)	-	-
S-26	110+20	24.5' RT	CB TA 4' DIA T24 F&G	669.27	662.59 (NW)	662.49 (SE)	-	-
S-27	110+20	30.6' RT	MH TA 5' DIA TIF, CL	669.30	662.37 (NE)	662.37 (SW)	-	662.47 (NW)
S-28	111+36	31.1' LT	CB TA 4' DIA T24 F&G	668.02	-	664.76 (SE)	-	-
S-29	112+85	34.4' LT	CB TA 4' DIA T24 F&G	665.29	-	661.29 (SE)	-	-
S-30	112+80	25.1' RT	CB TA 4' DIA T24 F&G	665.40	660.70 (NW)	-	660.60	-
S-31	112+90	30.9' RT	MH TA 5' DIA TIF, CL	665.22	659.92 (NE)	660.02 (SW)	-	660.53
S-32	114+19	34.6' LT	CB TC T24 F&G	662.55	-	659.68 (SE)	-	-
S-32A	114+85	37.5' RT	INL TA T8G	661.40	658.40 (NW)	-	-	-
S-33	115+10	34.4' LT	INL TA T24 F&G	660.56	-	657.76 (SE)	-	-
S-34	115+20	25.7' RT	CB TA 4' DIA T24 F&G	660.36	656.81 (NW)	656.36 (SE)	-	-
S-35	116+21	34.1' LT	CB TA 5' DIA T24 F&G	658.57	655.77 (NE)	655.77 (SW)	-	-
S-35A	116+90	48' LT	CB TC T8G	657.50	654.50 (NE)	-	-	-
S-36	117+13.5	33.9' LT	CB TA 5' DIA T24 F&G	657.34	651.16 (NE)	651.16 (SW)	-	651.91 (NW)
S-36A	117+00	37.5' RT	CB TC T8G	657.70	654.52 (NW)	-	-	-
S-37	117+60	26.2' RT	CB TA 4' DIA T24 F&G	656.88	-	653.82 (SE)	-	-
S-37A	117+90	45' LT	CB TA 4' DIA T8G	656.80	-	652.00	-	-
S-38	118+38	39.1' LT	CB TA 4' DIA T24 F&G	656.21	-	-	652.71	-
S-39	118+38	26.4' RT	CB TC T24 F&G	656.32	-	-	654.00	-
S-40	119+20.2	44.4' LT	CB TA 4' DIA T3 F&G	655.81	651.81 (NE)	-	-	-
S-41	121+34.9	53.3' LT	CB TA 4' DIA T3 F&G	655.60	-	652.80 (SE)	-	-
S-42	120+84	50' RT	MH TA 5' DIA TIF, CL	656.53	652.33 (NE)	-	-	652.33 (NW)
S-42A	121+38	35.8' RT	CB TA 4' DIA T24 F&G	655.73	653.30 (NW)	652.80	652.80 (NE)	-
S-42B	122+24	37.8' RT	MH TA 5' DIA TIF, CL	656.43	-	652.53 (SW)	652.53	-
S-43	122+00	31.9' RT	CB TC T3 F&G	655.64	-	-	-	653.39
S-44	122+24	44.8' LT	CB TC T24 F&G	655.55	652.86 (NE)	652.86 (SW)	-	-
S-45	122+71.6	44.6' LT	CB TC T3 F&G	655.40	-	653.12 (SW)	-	-
S-46	123+25	44.4' LT	CB TC T24 F&G	655.56	-	-	652.77	-
S-47	123+42	29.4' LT	MH TA 4' DIA TIF, CL	655.88	652.64 (NE)	652.64 (SE)	-	652.64
S-48	123+70	27.8' RT	CB TA 4' DIA T3 F&G	655.70	-	652.55 (SW)	-	-
S-49	123+89	44.1' LT	CB TC T24 F&G	655.75	652.90 (NE)	652.90 (SW)	-	-
S-50	124+51	41.1' LT	CB TC T24 F&G	655.94	-	653.24 (SW)	-	-
S-51	124+76	29.1' RT	CB TC T24 F&G	656.02	-	653.72 (SE)	-	-
S-52	125+14	37.1' LT	CB TC T24 F&G	656.13	-	-	653.71	-
S-53	125+40	30.2' LT	MH TA 4' DIA TIF, CL	656.25	653.56 (NE)	653.56 (SE)	-	653.56
S-54	125+48	33.1' RT	CB TA 4' DIA T24 F&G	656.23	-	-	-	652.63
S-55	125+77	32.5' LT	CB TC T24 F&G	656.32	653.76 (NE)	653.76 (SW)	-	-
S-56	126+20	37.6' RT	CB TC T24 F&G	656.45	-	654.12 (SE)	-	-
S-57	126+40	29.8' LT	CB TC T24 F&G	656.50	-	654.11 (SW)	-	-
S-58	127+53	28.4' LT	CB TC T24 F&G	656.87	-	653.52 (SW)	-	-

DRAINAGE AND UTILITY PIPE TABLES

NO.	LENGTH (FOOT)	MATERIAL	TYPE	DIA. (IN)	SLOPE %	TBF (CU. YD.)
P-1A	6	SS, CL A	1	12	1.00	2
P-2	65	SS, CL A	1	12	1.00	21
P-2A	3	SS, CL A	2	12		1
P-3	11	SS, CL A	1	12	1.00	4
P-4	43	SS, CL A	1	12	1.00	14
P-4A	3	SS, CL A	2	12		1
P-5	26	SS, CL A	2	12	1.00	9
P-6	28	SS, CL A	1	12	1.00	10
P-7	26	SS, CL A	1	12	1.00	8
P-8	24	SS, CL A	1	12	0.50	6
P-9	18	SS, CL A	1	12	0.50	4
P-10	18	SS, CL A	1	12	0.50	5
P-11	33	SS, CL A	1	12	1.00	11
P-12	6	SS, CL A	1	12	1.00	2
P-13	14	SS, CL A	1	12	1.00	4
P-14	21	SS, CL A	2	12	1.00	17
P-15	-	NOT USED	-	-	-	-
P-16	4	SS, CL A	1	12	1.00	0
P-17	-	NOT USED	-	-	-	-
P-18	18	SS, CL A	2	12	1.00	16
P-19	5	SS, CL A	2	12	1.00	5
P-19A	21	SS WM REQ	-	12	1.00	6
P-20	42	SS, CL A	1	12	1.00	14
P-20A	3	SS WM REQ	-	12	68.00	4
P-21	6	SS WM REQ	-	12	28.00	8
P-22	49	SS WM REQ	-	12	1.00	15
P-22A	19	SS, CL A	1	12	1.00	5
P-23	40	SS WM REQ	-	12	1.00	13
P-24	4	SS, CL A	2	12	1.00	5
P-24A	6	SS, CL A	1	12	1.00	2
P-25	55	SS WM REQ	-	12	1.00	51
P-26	2	SS WM REQ	-	12	1.00	2
P-27	8	SS, CL A	1	12	0.56	2
P-28	59	SS WM REQ	-	12	1.00	22
P-29	7	SS WM REQ	-	12	1.00	5
P-30	10	SS WM REQ	-	8	0.58	2
P-30A	4	SS, CL A	2	12	54.3	3
P-31	69	SS WM REQ	-	12	1.38	18
P-31A	22	SS WM REQ	-	10	6.82	6
P-31B	8	SS, CL A	1	12	10.50	5
P-32	1	SS, CL A	1	12	25.70	1
P-33	3	SS, CL A	1	12	1.00	1
P-33A	2	SS, CL A	1	12	10.00	1
P-33B	8	SS, CL A	2	12	11.30	6
P-34	10	SS, CL A	1	12	1.00	3
P-35	41	SS, CL A	1	12	1.00	8
P-36	20	SS, CL A	1	12	1.00	8
P-37	45	SS, CL A	1	30	0.15	16
P-37A	136	SS, CL A EORS	1	24x38	0.15	60
P-38	86	SS WM REQ	-	10	0.55	20
P-39	4	SS, CL A	1	12	1.00	1
P-39A	58	SS, CL A	1	12	1.00	10
P-40	47	SS WM REQ	-	10	0.55	9
P-41	23	SS WM REQ	-	10	0.55	5
P-42	25	SS, CL A	1	12	1.00	7
P-43	47	SS WM REQ	-	10	0.55	12
P-44	62	SS WM REQ	-	10	0.55	13
P-45	16	SS, CL A	1	12	0.50	3
P-46	27	SS WM REQ	-	10	0.55	5
P-47	6	SS, CL A	1	12	1.00	2
P-48	37	SS WM REQ	-	10	0.55	7
P-49	63	SS WM REQ	-	10	0.55	12
P-50	9	SS, CL A	1	12	1.00	2
P-51	70	SS WM REQ	-	10	0.55	21

SEE SHEET 3



MATCH SHEET 2

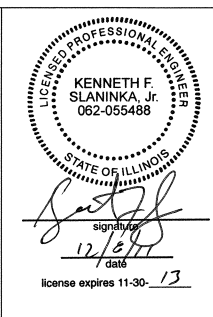
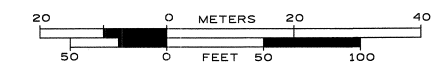
SEE SHEET 4

—	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
—) —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
AT&T = FIBER OPTIC	
IDOT = FIBER OPTIC	
NICOR SHORE = GAS	
COMED = ELECTRIC	
COMCAST = CATV	
CITY OF COUNTRYSIDE = WATER	

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



TBE Job No. IL09510453
SUE Plan Page: 1 of 4

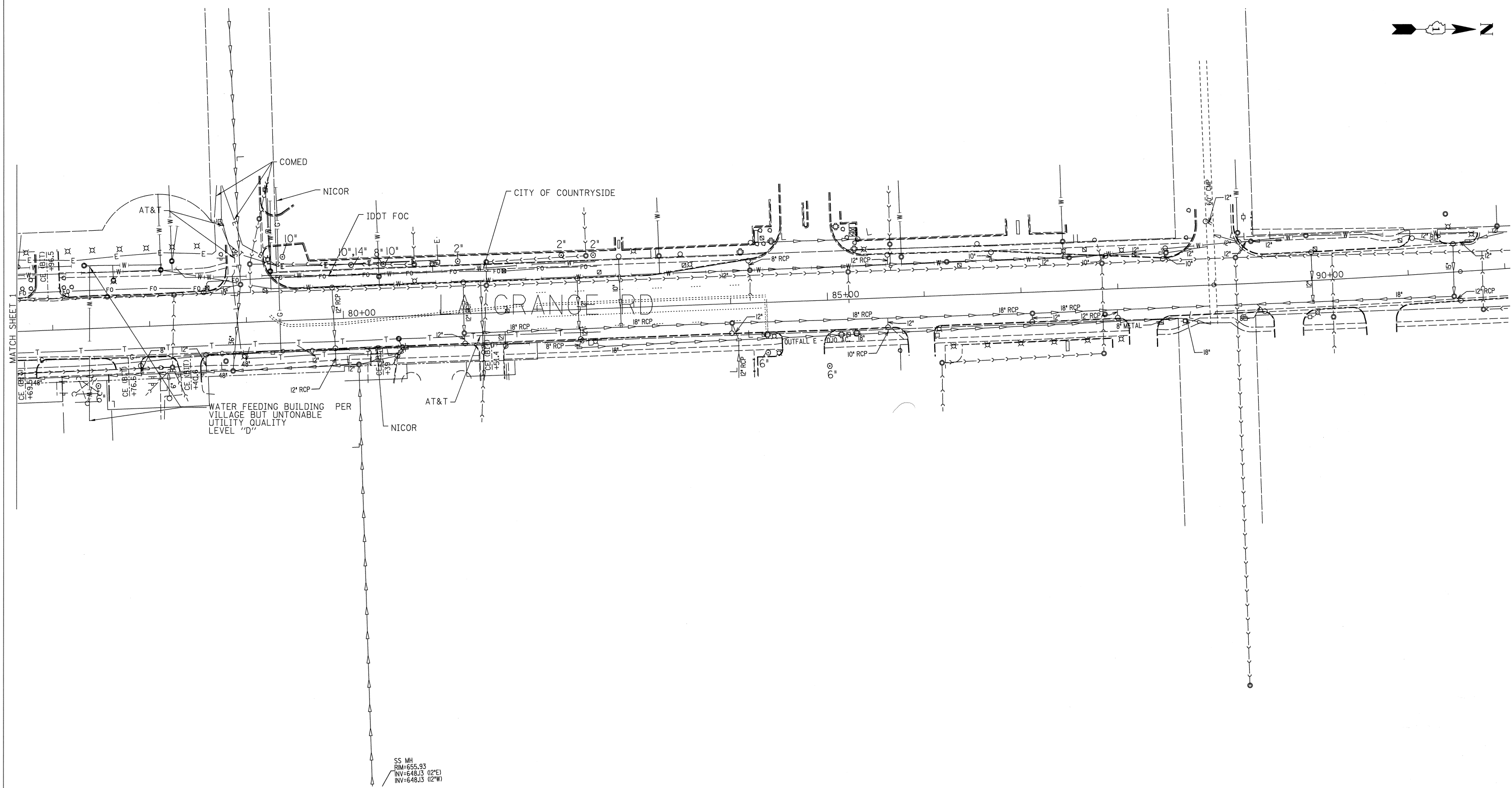
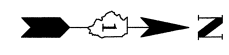
Utility Quality Level "A" : visually verified Test Hole
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	12/08/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/20/45 at Joliet Road
Countryside, IL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-82I	Cook	152	47
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	Contract No. 60L73



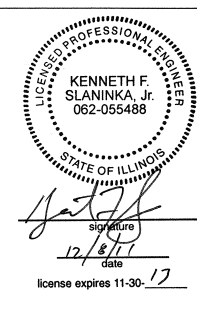
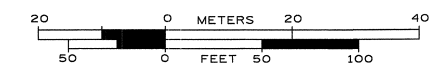
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INV=648.13 (12"W)

—	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
—) —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T =	TELEPHONE
AT&T =	FIBER OPTIC
IDOT =	FIBER OPTIC
NICOR SHORE =	GAS
COMED =	ELECTRIC
COMCAST =	CATV
CITY OF COUNTRYSIDE =	WATER

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TBE Job No. IL09510453
SUE Plan Page: 2 of 4

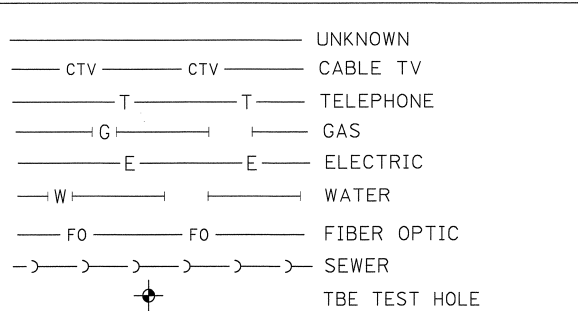
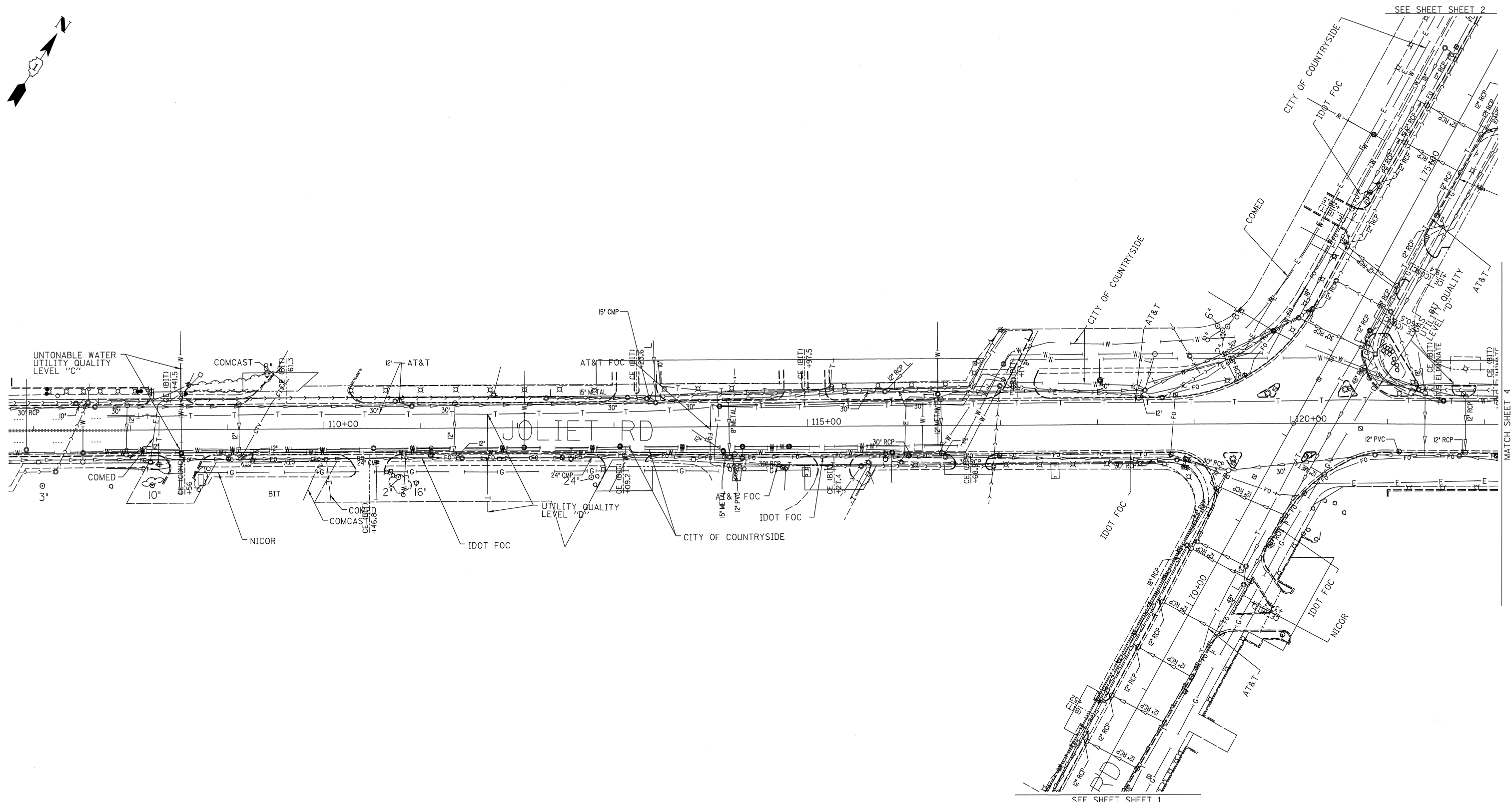
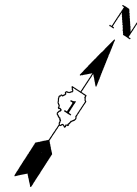
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Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	12/08/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12/2045 at Joliet Road
Countryside, IL

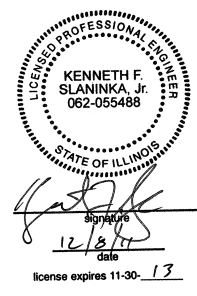
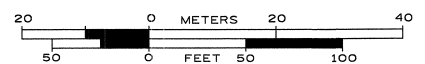
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-821	Cook	152	48
FED. ROAD DIST. NO.		ILLINOIS IDOT Project No.		Contract No. 60L73



UTILITY OWNERS	
AT&T = TELEPHONE	
AT&T = FIBER OPTIC	
IDOT = FIBER OPTIC	
NICOR SHORE = GAS	
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TBE Job No. IL09510453
SUE Plan Page: 3 of 4

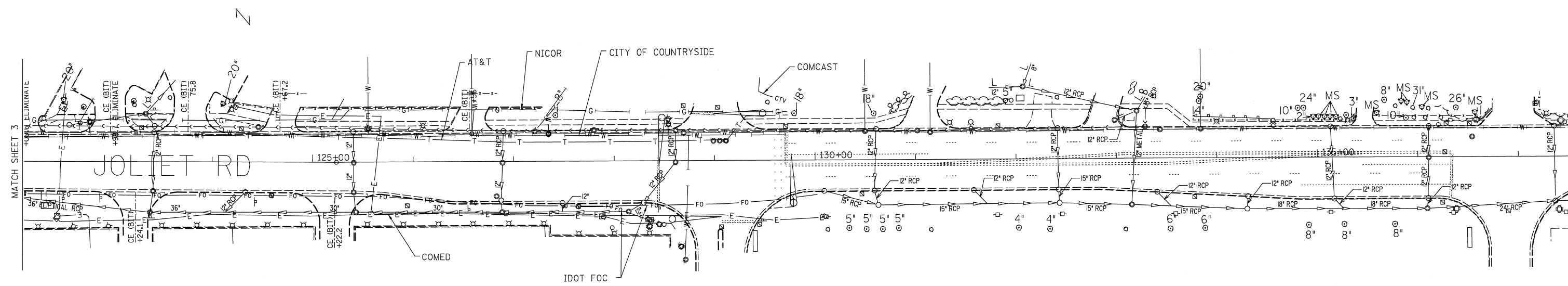
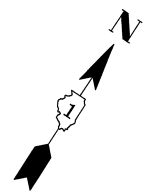
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DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/08/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 122045 at Joliet Road
Countryside, IL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-821	Cook	152	49
FED. ROAD DIST. NO.		ILLINOIS IDOT Project No.	Contract No. 60L73	

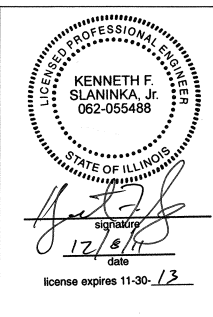


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⊕	TBE TEST HOLE

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AT&T	= TELEPHONE
AT&T	= FIBER OPTIC
IDOT	= FIBER OPTIC
NICOR	= GAS
COMED	= ELECTRIC
COMCAST	= CATV
CITY OF COUNTRYSIDE	= WATER

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



TBE Job No. IL09510453
SUE Plan Page: 4 of 4

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	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/08/11	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

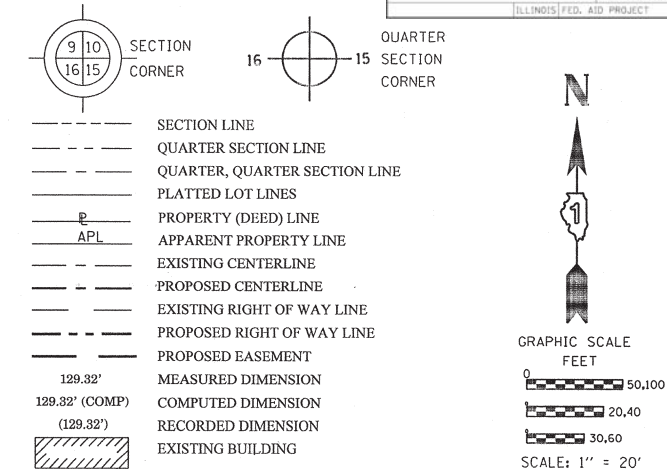
**US 12/2045 at Joliet Road
Countryside, IL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-821	Cook	152	50
FED. ROAD DIST. NO.		ILLINOIS IDOT Project No.	Contract No. 60L73	

PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0001	TURTLE WAX AUTO APPEARANCE CENTERS II, L.L.C.	0.918	0.032	N/A	0.886	TE-0.052	N/A	CONST.	18-16-303-024	
OHF0002	WESTFIELD PLACE, LLC	4.968	1.003	0.954	3.965	TE-A-0.017 TE-B-0.015	N/A	CONST.	18-16-303-017 18-16-303-025	
OHF0003	INTERNATIONAL UNION OF OPERATING ENGINEERS, LOCAL 150, 150A, 150B, 150C BUILDING CORPORATION	7.849	0.117	0.101	7.732	TE-A-0.041 TE-B-0.014 TE-C-0.045	N/A	CONST.	**	

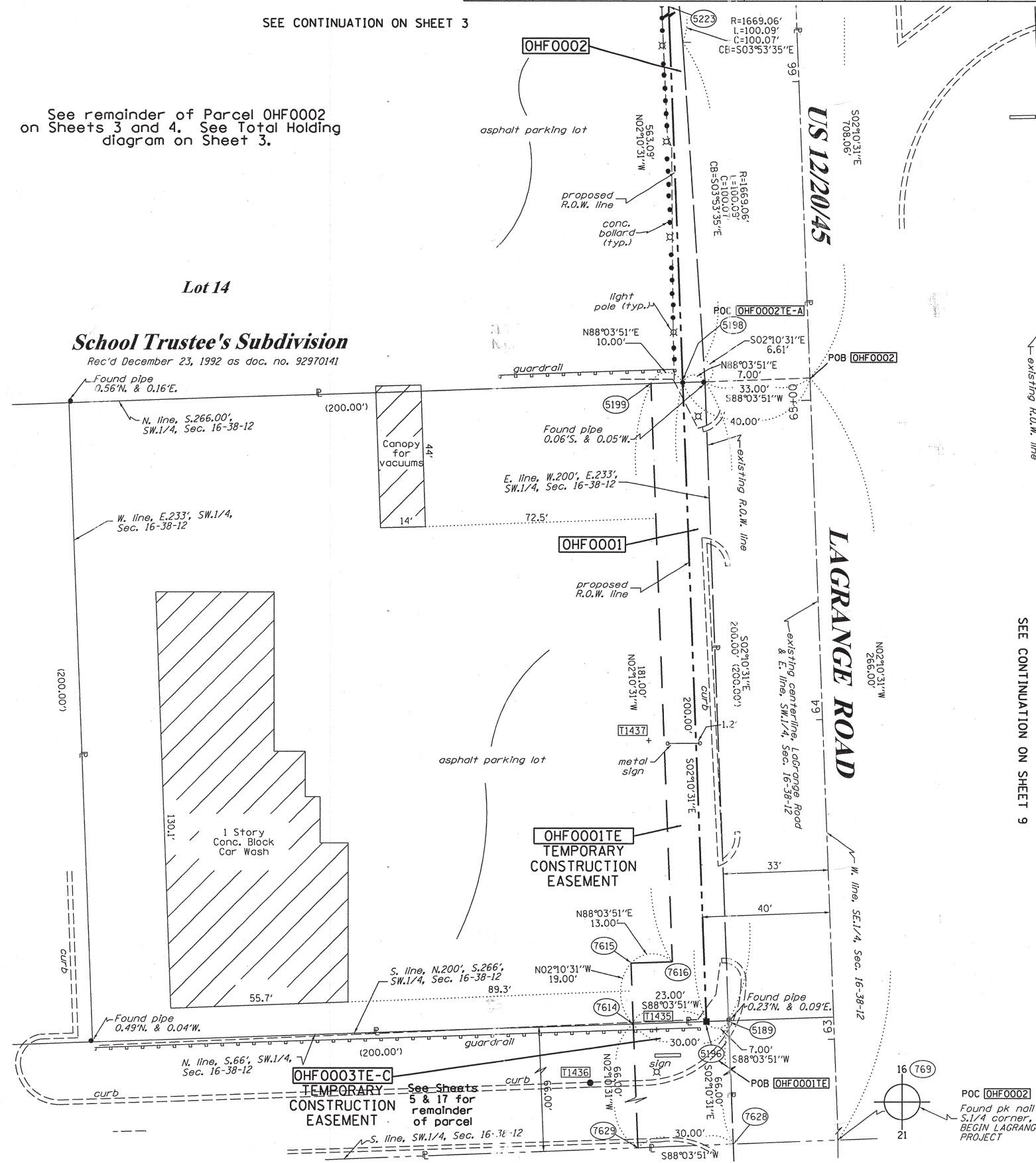
LEGEND



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	51
			CONTRACT NO. 60L73	
ILLINOIS FED. AID PROJECT				

SEE CONTINUATION ON SHEET 3

See remainder of Parcel OHF0002 on Sheets 3 and 4. See Total Holding diagram on Sheet 3.



COORDINATE TABLE

STATION	PT#	NORTH	EAST
62+40.95	0.00' RT.	759 1861336.458	1111208.009
63+07.12	40.00' LT.	5196 1861401.060	1111165.527
65+07.12	40.00' LT.	5198 1861600.917	1111157.935
65+07.16	50.00' LT.	5199 1861600.580	1111147.941
70+70.21	40.00' LT.	5223 1862163.604	1111136.562
63+07.21	63.00' LT.	7614 1861400.283	1111142.540
63+26.21	63.00' LT.	7615 1861419.269	1111141.818
62+41.21	63.00' LT.	7629 1861334.330	1111145.045

REFERENCE TIE TABLE

FROM BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5196 SW 80 39'08"	15.86	1435	CUT CROSS ON GUARDRAIL
5196 SW 62 05'03"	41.30	1436	PK NAIL
5196 NW 11 42'31"	89.62	1437	CUT CROSS

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

- Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.
- 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 WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89.) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 JOLIET, ILLINOIS THIS 20th DAY OF SEPTEMBER, 2012 A.D.

Ronald F. Hodgen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012



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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
SEP 20 2012
PLATS & LEGALS
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 63+00 TO STATION 66+00
SCALE: 1"=20' SHEET 2 OF 19

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

REVISION DATE: 11-29-10
3-12-12
11-8-11
12-9-10

REVISION ADDED POC, POB
REVISD 3TE-A IN TABLE
ADDED 3TE-C & REVISED ITE
ADDED OWNERS NAMES & REVISED 0002TH

MADE BY TLW

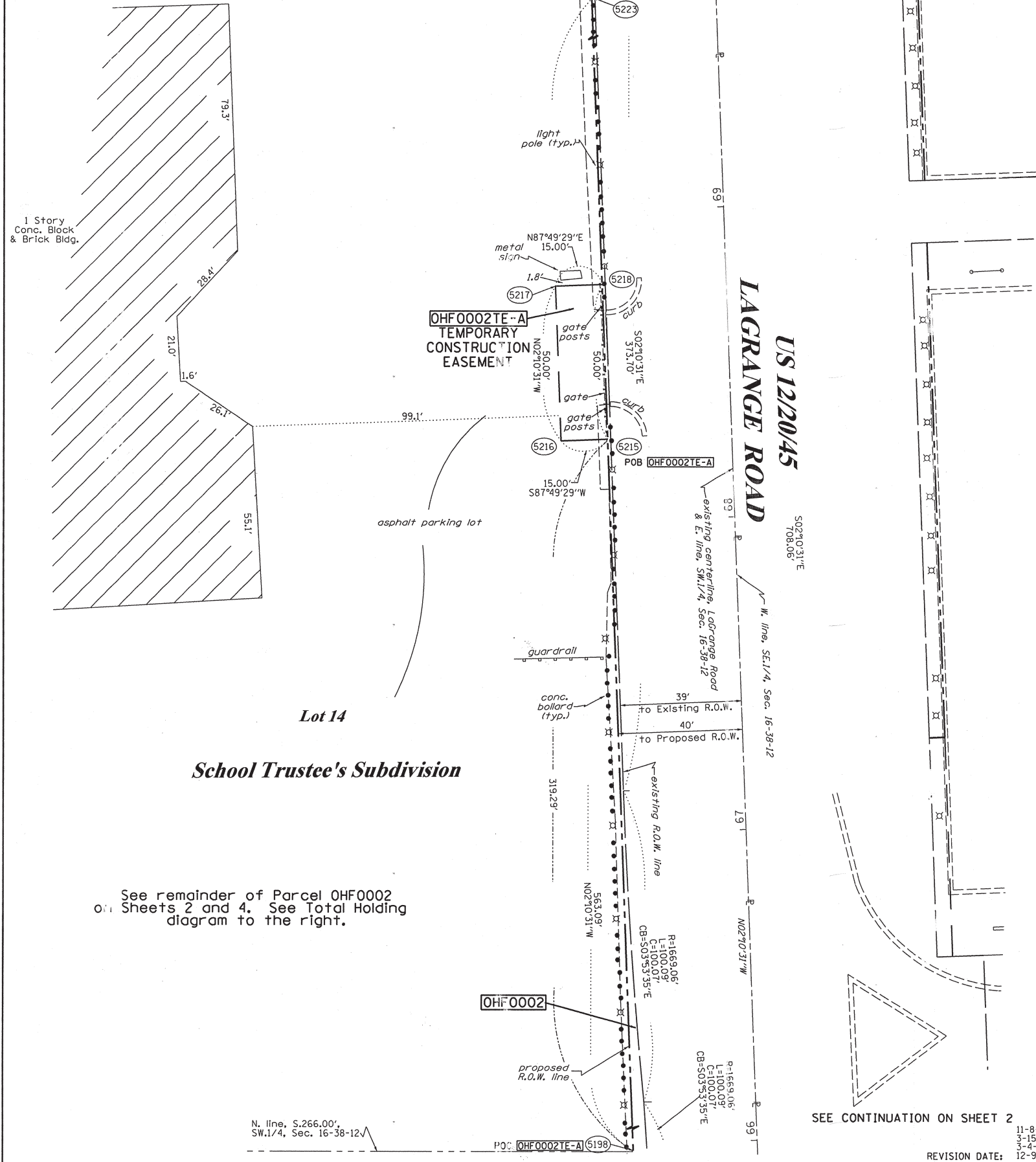
F.A.P. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L73	

LEGEND

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		EASEMENT PURPOSE	PERMANENT INDEX NUMBER		PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET		18-16-303-017	18-16-303-025	
OHF0002	WESTFIELD PLACE, LLC	4.958	1.003	0.954	3.965	TE-A-0.017	N/A	CONST.	18-16-303-017	18-16-303-025	

SEE CONTINUATION ON SHEET 4

NOTES:
 COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).



COORDINATE TABLE

STATION	PTH	NORTH	EAST
65+07.12	40.00' LT.	5198 1861600.917	1111157.935
68+26.41	40.00' LT.	5215 1861919.978	1111145.816
68+26.41	55.00' LT.	5216 1861919.409	1111130.827
68+76.41	55.00' LT.	5217 1861969.373	1111128.929
68+76.41	40.00' LT.	5218 1861969.942	1111143.918
70+70.21	40.00' LT.	5223 1862163.604	1111136.562

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL 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.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF WILL)

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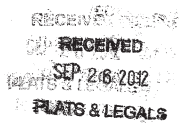
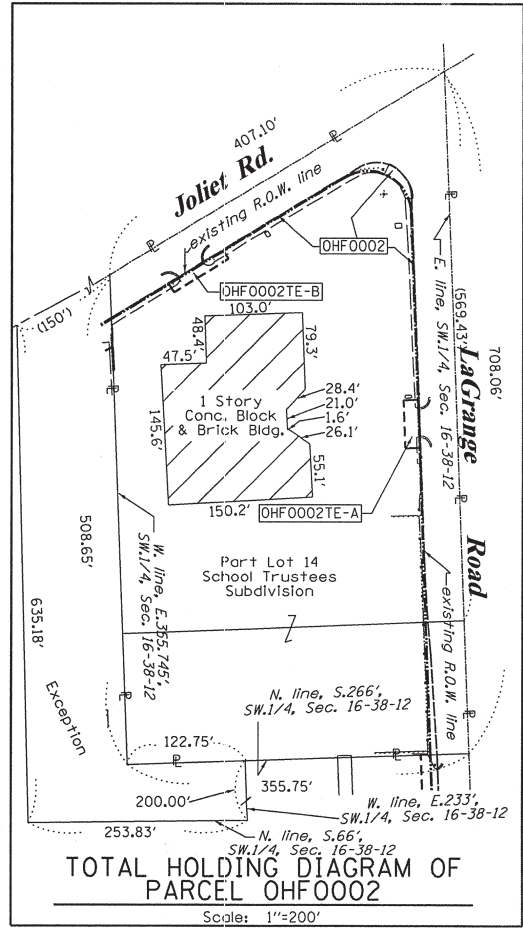
DATED AT Joliet, ILLINOIS THIS 20th DAY OF September 2012 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012



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

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
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 PH. (815) 744-6600 FAX (815) 744-0101



PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
 PROJECT JOB NO.: R90-008-11
 STATION 63+00 TO STATION 66+00
 SCALE: 1"=20' SHEET 3 OF 19

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 Schaumburg, Illinois 60196

PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	53
CONTRACT NO. 60L73			ILLINOIS FED. AID PROJECT	

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0002	WESTFIELD PLACE, LLC	4.968	1.003	0.954	3.965	TE-A-0.017 TE-B-0.015	N/A	CONST.	18-16-303-017 18-16-303-025	

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5223	SW 86 11'01"	69.69	1432	PK NAIL IN ASPHALT PARKING LOT
5223	SW 74 23'30"	36.59	1434	PK NAIL IN ASPHALT PARKING LOT
5223	SE 00 54'549"	674.88	1437	CUT CROSS
5224	SW 01 23'02"	41.52	1432	PK NAIL IN ASPHALT PARKING LOT
5224	SE 19 21'37"	50.37	1433	PK NAIL IN ASPHALT PARKING LOT
5224	SE 35 28'536"	57.37	1434	PK NAIL IN ASPHALT PARKING LOT

COORDINATE TABLE

LA GRANGE ROAD

STATION	PT#	NORTH	EAST
72+15.01	0.00' RT.	5011 1862309.816	1111171.037
65+07.12	40.00' LT.	5198 1861600.917	1111157.935
70+70.21	40.00' LT.	5223 1862163.604	1111136.562

JOLIET ROAD

STATION	PT#	NORTH	EAST
120+02.85	0.00' RT.	5011 1862309.816	1111171.037
116+43.63	40.00' RT.	5219 1862089.194	1110884.744
116+43.63	50.00' RT.	5220 1862080.646	1110889.934
118+58.05	40.00' RT.	5224 1862200.476	1111068.026
115+73.50	40.00' RT.	5227 1862052.796	1110824.798
117+10.00	40.00' RT.	7617 1862123.639	1110941.476
117+10.00	50.00' RT.	7618 1862115.091	1110946.666

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, 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
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50.100
20.40
30.60
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- 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.
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STATE OF ILLINOIS)
COUNTY OF WILL)

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DATED AT JOLIET, ILLINOIS THIS 27th DAY OF SEPTEMBER 2010 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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



RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 63+00 TO STATION 66+00
SCALE: 1"=20' SHEET 4 OF 19

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

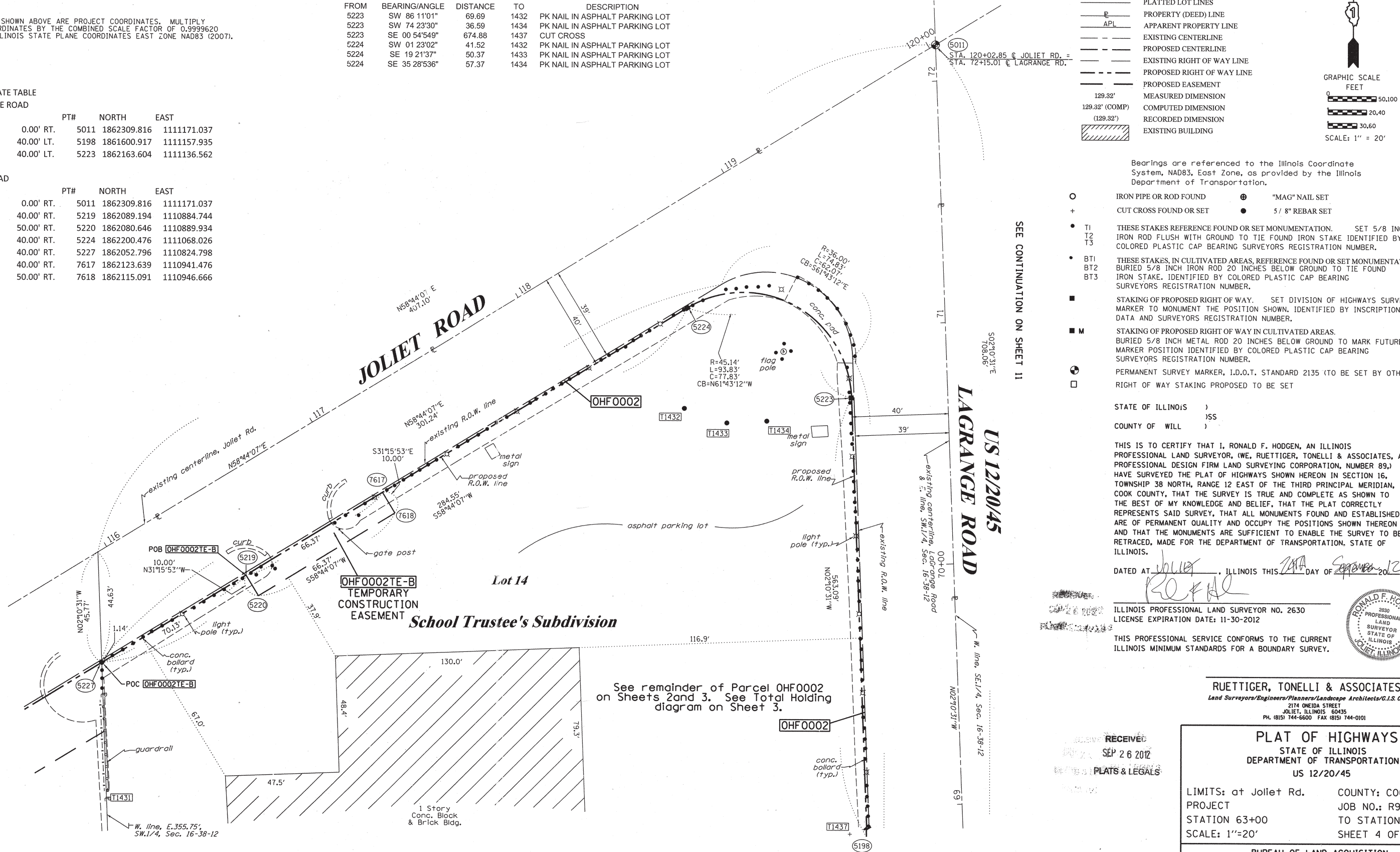
SHEET 1 OF 19 IS A COVER SHEET AND IS NOT RECORDED
P&A 2010-1111

SEE CONTINUATION ON SHEET 5

SEE CONTINUATION ON SHEET 11

SEE CONTINUATION ON SHEET 3

See remainder of Parcel OHF0002 on Sheets 2 and 3. See Total Holding diagram on Sheet 3.



PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

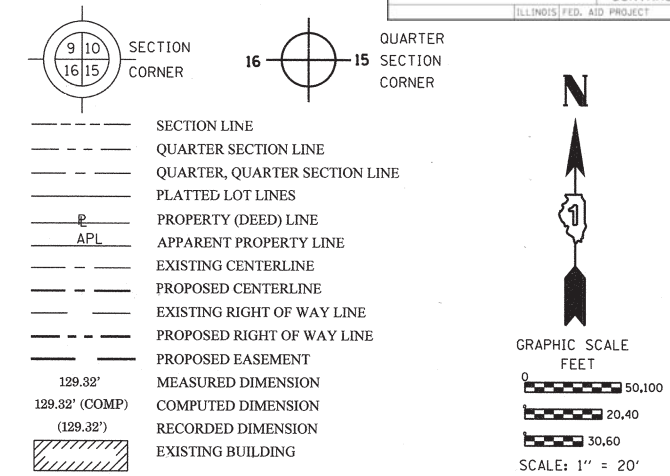
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0003	INTERNATIONAL UNION OF OPERATING ENGINEERS, LOCAL 150, 150A, 150B, 150C BUILDING CORPORATION	7.849	0.117	0.101	7.732	TE-A-0.041 TE-B-0.014 TE-C-0.045	N/A	CONST.	**	
OHF0016	MIDWEST OPERATING ENGINEERS PENSION FUND BUILDING NOT-FOR-PROFIT CORPORATION	2.586	0.138	0.133	2.448	0.051	N/A	CONST.	18-16-303-026	

18-16-303-014
18-16-303-020
18-16-303-001
18-16-303-002
18-16-303-010
18-16-303-011
18-16-303-027

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	54

CONTRACT NO. 60L73
ILLINOIS FED. AID PROJECT

LEGEND



COORDINATE TABLE

STATION	PT#	NORTH	EAST
115+73.50	40.00' RT.	5227 1862052.796	1110824.798
112+96.24	40.00' RT.	5234 1861908.900	1110587.800
115+59.59	65.00' RT.	5239 1862024.208	1110825.884
112+82.35	65.00' RT.	5240 1861880.321	1110588.902
114+23.48	40.00' RT.	5419 1861974.938	1110696.566
113+60.00	40.00' RT.	7619 1861941.992	1110642.303
113+60.00	65.00' RT.	7620 1861920.622	1110655.278
114+77.00	65.00' RT.	7692 1861981.344	1110755.287
114+77.00	40.00' RT.	7693 1862002.714	1110742.312

NOTES:

COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5234	SE 86°25'18"	38.19	1426	PK NAIL IN ISLAND TOP OF CURB
5234	SE 02°00'45"	61.72	1427	PK NAIL IN TOP OF CURB
5234	SE 53°55'47"	59.14	1428	PK NAIL IN ASPHALT

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
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DATED AT Joliet, ILLINOIS THIS 26th DAY OF September 2012 A.D.

RECEIVED
SEP 26 2012
PLANS & LEGALS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

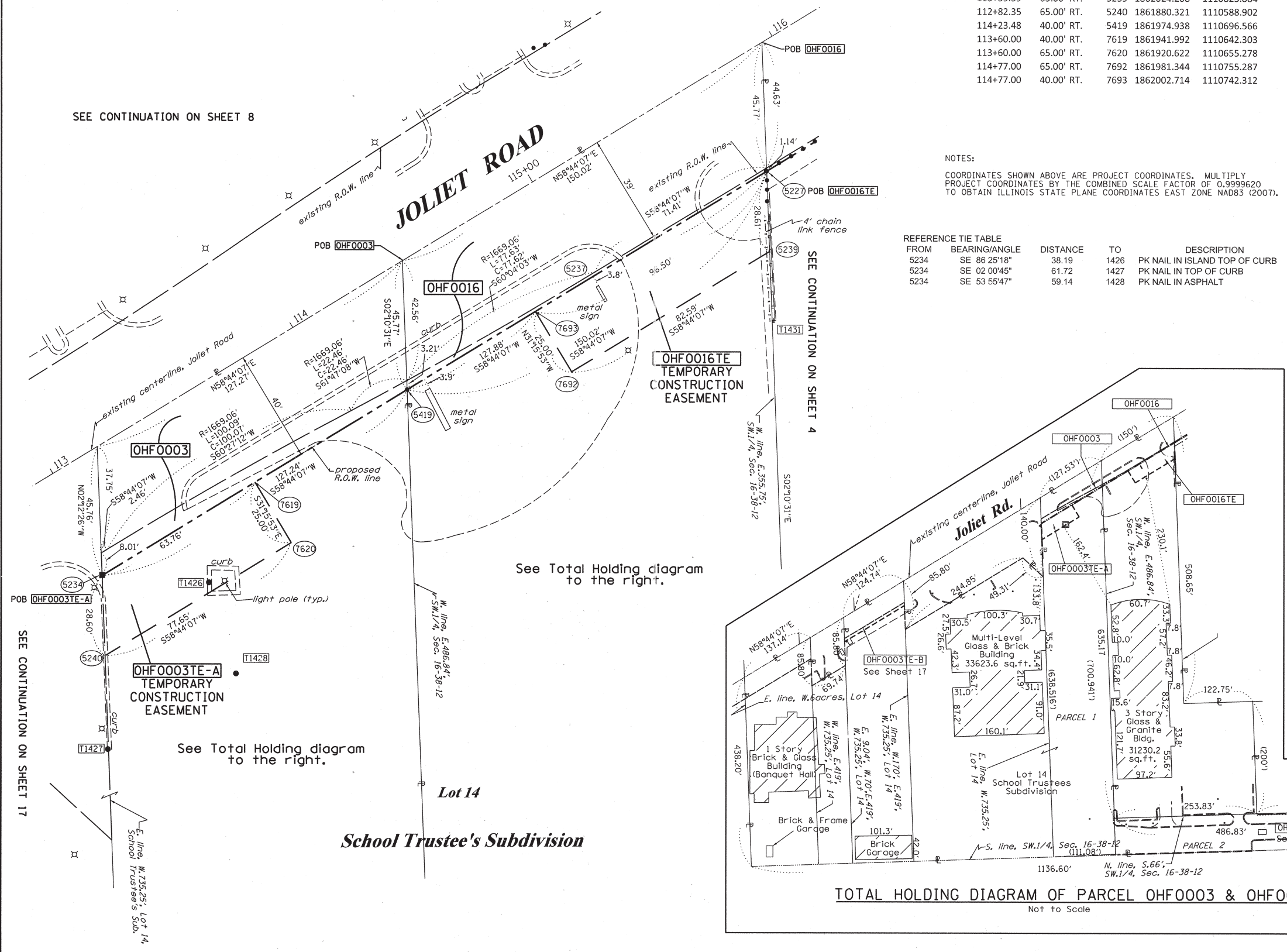


RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 63+00 TO STATION 66+00
SCALE: 1"=20' SHEET 5 OF 19

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



TOTAL HOLDING DIAGRAM OF PARCEL OHF0003 & OHF0016

1-30-12
11-8-11
8-19-11
2-7-11
12-8-10

ENLARGED 3TE-A PER IDOT
ADDED 3TE-B & 3TE-C, REVISED TOTAL HOLDING 0003, REVISE 16TE
REVISED TH FOR 0003 PER REVISED TITLE
DETAIL BLDGS IN TH DIAGRAM
REVISED 0003 & ADDED 0016

TLW
TLW
TLW
TLW
MADE BY TLW

PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
OHF0004	LENOCH PROPERTIES I, L.L.C.	9.018	0.122	0.087	8.896	0.097	N/A	CONST.	18-16-302-150 18-16-302-099 18-16-302-152	

LEGEND

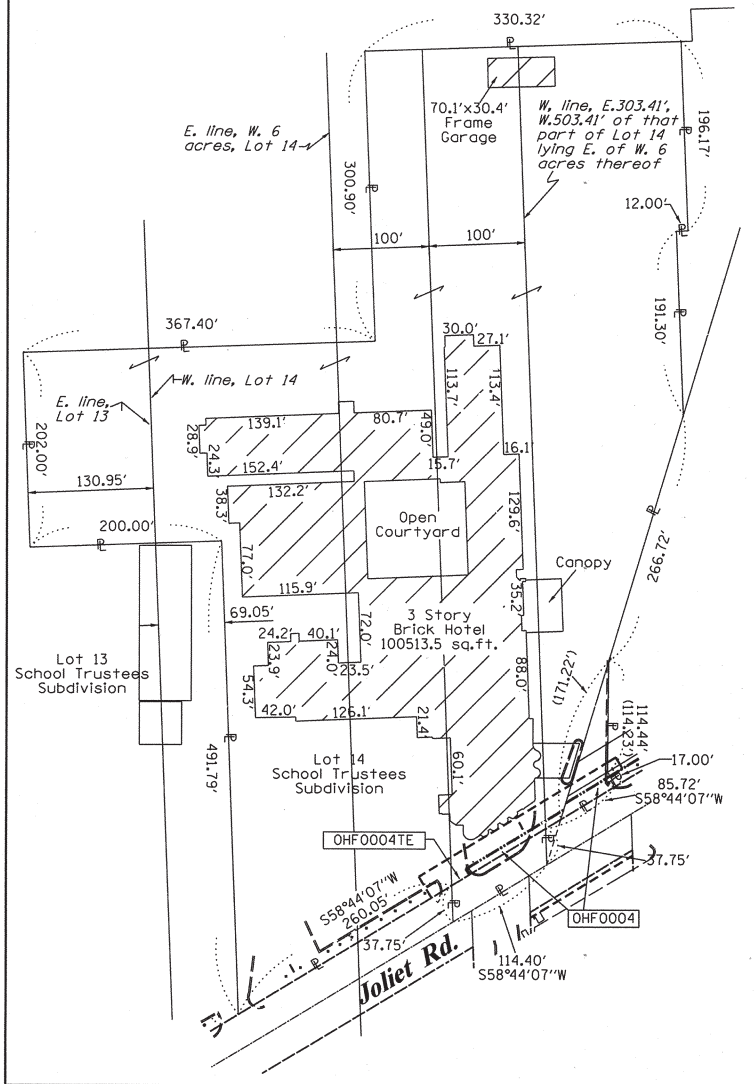
SECTION CORNER
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, 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
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE FEET
0 20 40 60 80 100
SCALE: 1" = 20'

TOTAL HOLDING DIAGRAM OF PARCEL OHF0004

Scale: 1"=100'



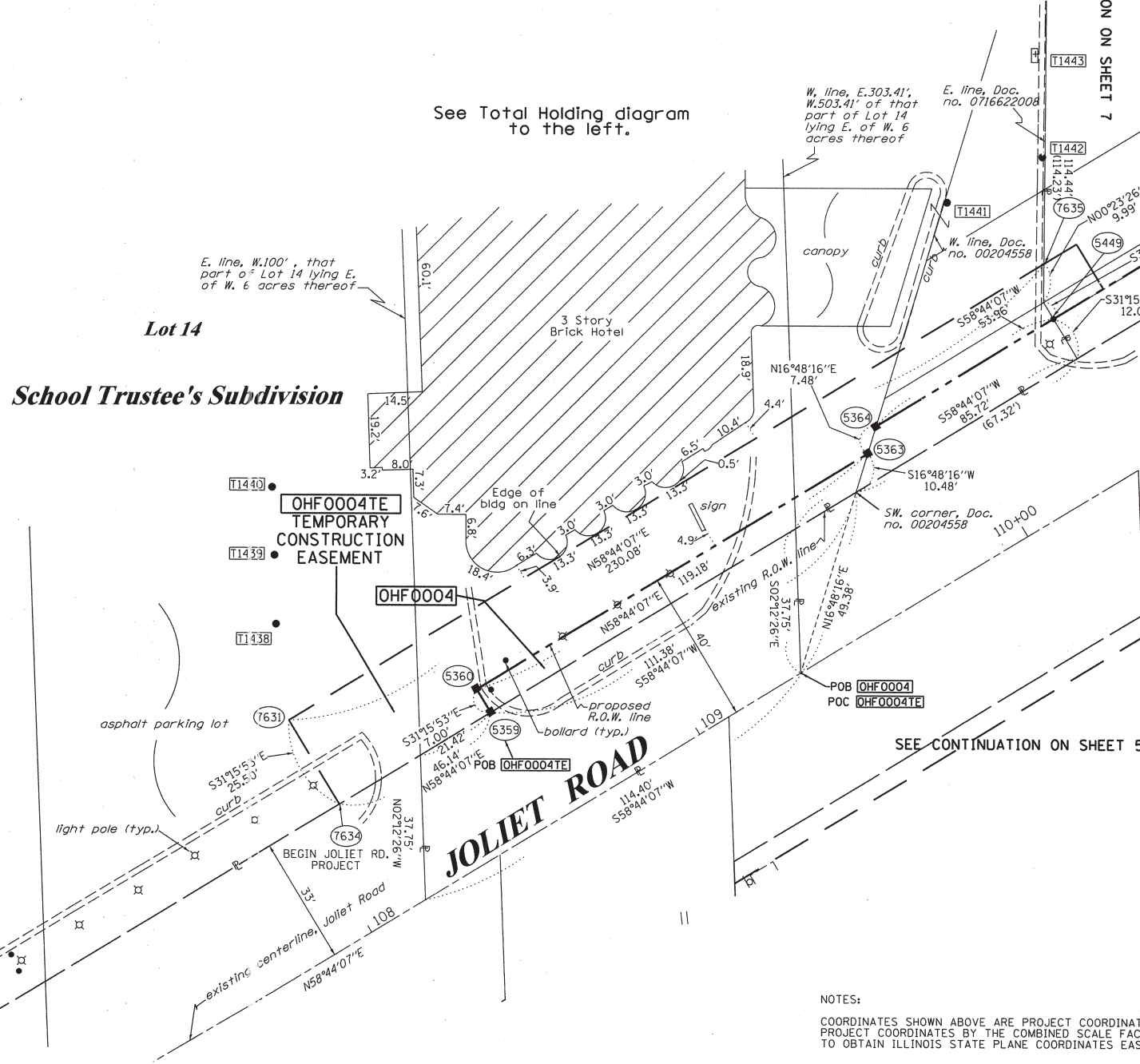
COORDINATE TABLE

STATION	PT#	NORTH	EAST
108+56.14	33.00' LT.	5359 1861742.891	1110173.728
108+56.14	40.00' LT.	5360 1861748.875	1110170.095
109+75.32	40.00' LT.	5363 1861810.726	1110271.965
109+80.88	45.00' LT.	5364 1861817.889	1110274.128
110+34.84	45.00' LT.	5449 1861845.894	1110320.252
108+10.00	58.50' LT.	7631 1861740.742	1110121.054
108+10.00	33.00' LT.	7634 1861718.945	1110134.288
110+40.08	58.50' LT.	7635 1861860.154	1110317.725

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5359	NW 67°52'27.1"	60.59	1438	PK NAIL IN ASPHALT
5359	NW 54°09'20"	69.82	1439	PK NAIL IN ASPHALT
5359	NW 44°20'32"	81.94	1440	PK NAIL IN ASPHALT
5360	NW 72°13'03"	55.13	1438	PK NAIL IN ASPHALT
5360	NW 56°36'57"	63.43	1439	PK NAIL IN ASPHALT
5360	NW 45°33'01"	75.14	1440	PK NAIL IN ASPHALT
5363	NE 17°22'42"	68.39	1441	PK NAIL IN TOP OF CURB
5363	NE 30°23'45"	89.41	1442	PK NAIL IN TOP OF CURB
5363	NE 22°40'26"	112.68	1443	CUT CROSS IN INLET
5364	NE 17°26'56"	60.90	1441	PK NAIL IN TOP OF CURB
5364	NE 31°37'20"	82.16	1442	PK NAIL IN TOP OF CURB
5364	NE 23°05'26"	105.24	1443	CUT CROSS IN INLET

See Total Holding diagram to the left.



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- BT1 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.
- BT2
- BT3
- 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.
- 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)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 JOLIET, ILLINOIS THIS 24th DAY OF SEPTEMBER 2012 A.D.

Ronald F. Hodgen

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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



RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
SEP 26 2012
PLATS & RECORDS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 107+50 TO STATION 109+50
SCALE: 1"=20' SHEET 6 OF 19

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

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.8999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (FOOT).
REVISION 4TE PER IDOT
ADDED MORE DETAILS TO HOTEL
ADDED OWNER NAME, TOTAL HOLDING & REVISED TAKE
MADE BY TLW

PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0005	CHICAGO TITLE LAND TRUST CO., SUCCESSOR TO AMERICAN NATIONAL BANK & TRUST CO., AS TRUSTEE, TRUST NO. 125690-0-0	2.775	0.073	N/A	2.702	TE-A-0.015 TE-B-0.004	A-N/A B-182	CONST.	18-16-302-155 18-16-302-041 18-16-302-154 18-16-302-153	

LEGEND

SECTION CORNER 16 15
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
0 50.00
20.00
30.00
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1
• T2
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STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

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DATED AT Joliet, ILLINOIS THIS 24th DAY OF September, 2012 A.D.

RF Hodgen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012



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

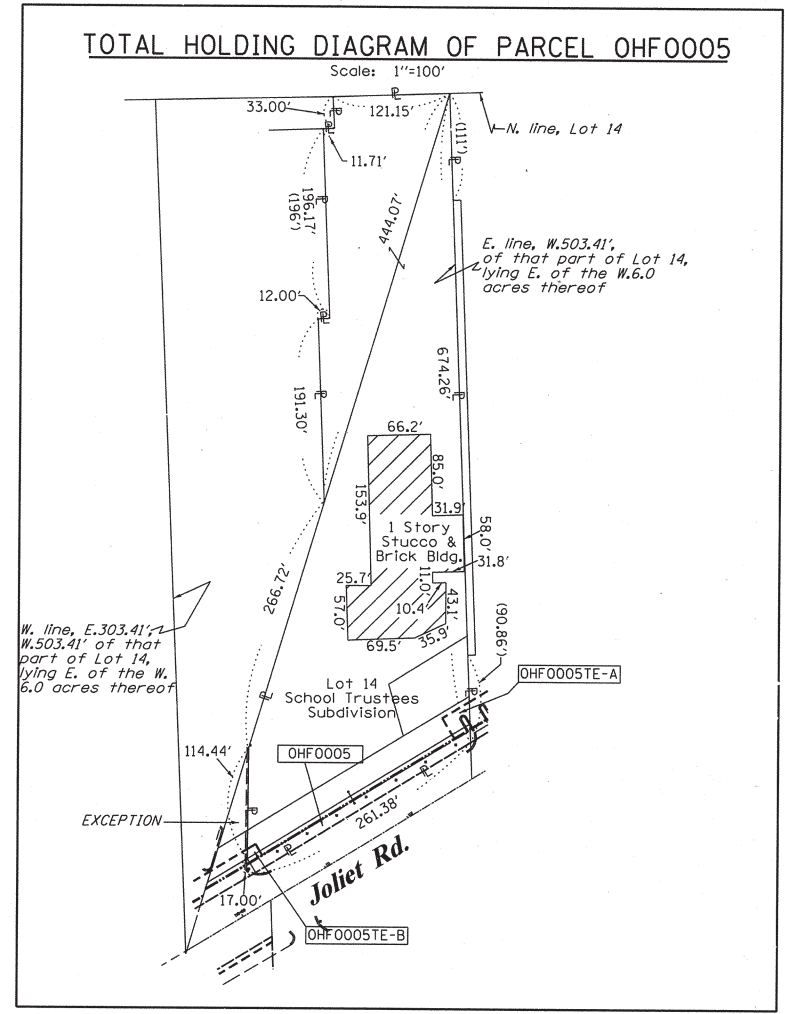
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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 109+50 TO STATION 113+00
SCALE: 1"=20' SHEET 7 OF 19

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

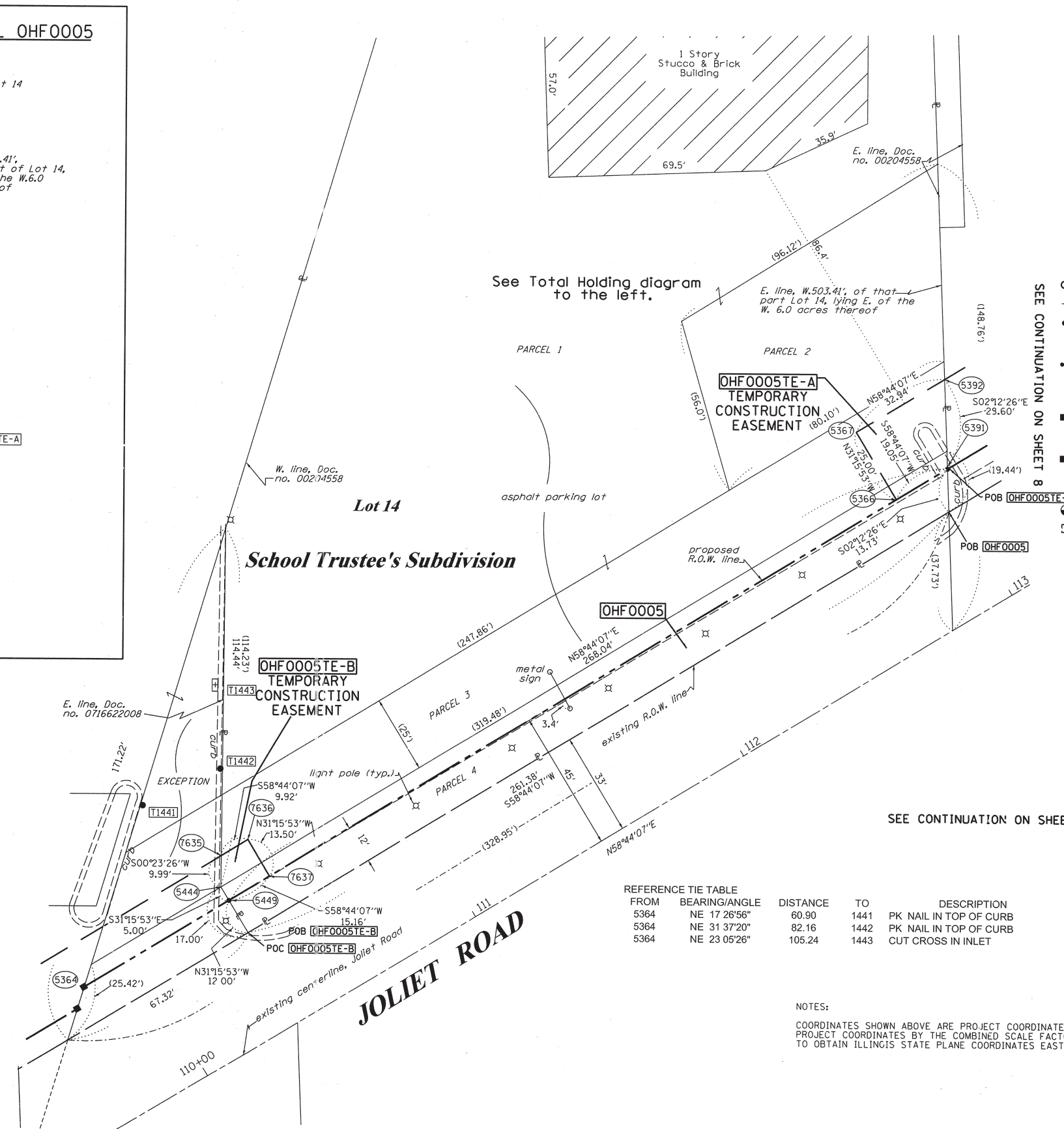
SHEET 1 OF 19 IS A COVER SHEET AND IS NOT RECORDED



COORDINATE TABLE

STATION	PT#	NORTH	EAST
109+75.32	40.00' LT.	5363	1861810.726
109+80.88	45.00' LT.	5364	1861817.889
112+83.84	45.00' LT.	5366	1861975.122
112+83.84	70.00' LT.	5367	1861996.491
113+02.89	45.00' LT.	5391	1861985.006
113+16.78	70.00' LT.	5392	1862013.585
110+34.84	45.00' LT.	5449	1861845.894
110+40.08	58.50' LT.	7635	1861860.154
110+50.00	58.50' LT.	7636	1861865.300
110+50.00	45.00' LT.	7637	1861853.760

SEE CONTINUATION ON SHEET 6



See Total Holding diagram to the left.

SEE CONTINUATION ON SHEET 8

SEE CONTINUATION ON SHEET 5

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5364	NE 17 26'56"	60.90	1441	PK NAIL IN TOP OF CURB
5364	NE 31 37'20"	82.16	1442	PK NAIL IN TOP OF CURB
5364	NE 23 05'26"	105.24	1443	CUT CROSS IN INLET

NOTES:

COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

REVISION DATE: 11-8-11
3-15-11
2-7-11
12-9-10

REVISION REVISED TAKE & TH, ADDED OWNERS NAME

MADE BY TLW

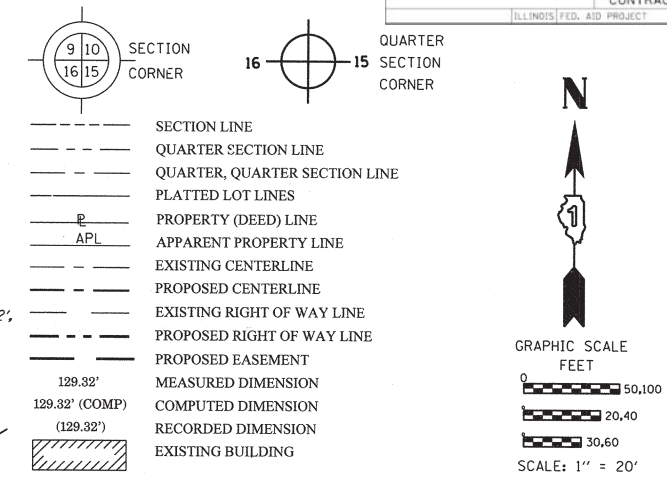
PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0006	CITY OF COUNTRYSIDE	4.192	0.065	N/A	4.127	0.257	N/A	CONST.	18-16-302-116 18-16-302-117	

COORDINATE TABLE		PT#	NORTH	EAST
116+84.76	70.00' LT.	5368	1862204.564	1110862.810
116+70.85	45.00' LT.	5369	1862175.976	1110863.896
113+02.89	45.00' LT.	5391	1861985.006	1110549.369
113+16.78	70.00' LT.	5392	1862013.585	1110548.266
114+57.00	95.00' LT.	7638	1862107.729	1110655.153
114+57.00	70.00' LT.	7639	1862086.360	1110668.128
115+37.00	95.00' LT.	7640	1862149.249	1110723.535
115+37.00	70.00' LT.	7641	1862127.879	1110736.510

REFERENCE TIE TABLE					
FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION	
5369	NW 69 25'21"	32.20	1444	CUT CROSS ON INLET	
5369	NW 20 03'54"	22.26	1445	CUT CROSS ON HAND HOLE BOX	
5369	NE 28 40'15"	39.45	1446	CUT CROSS ON VALVE VAULT	

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- 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.
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DATED AT Joliet, ILLINOIS THIS 24th DAY OF September, 2012 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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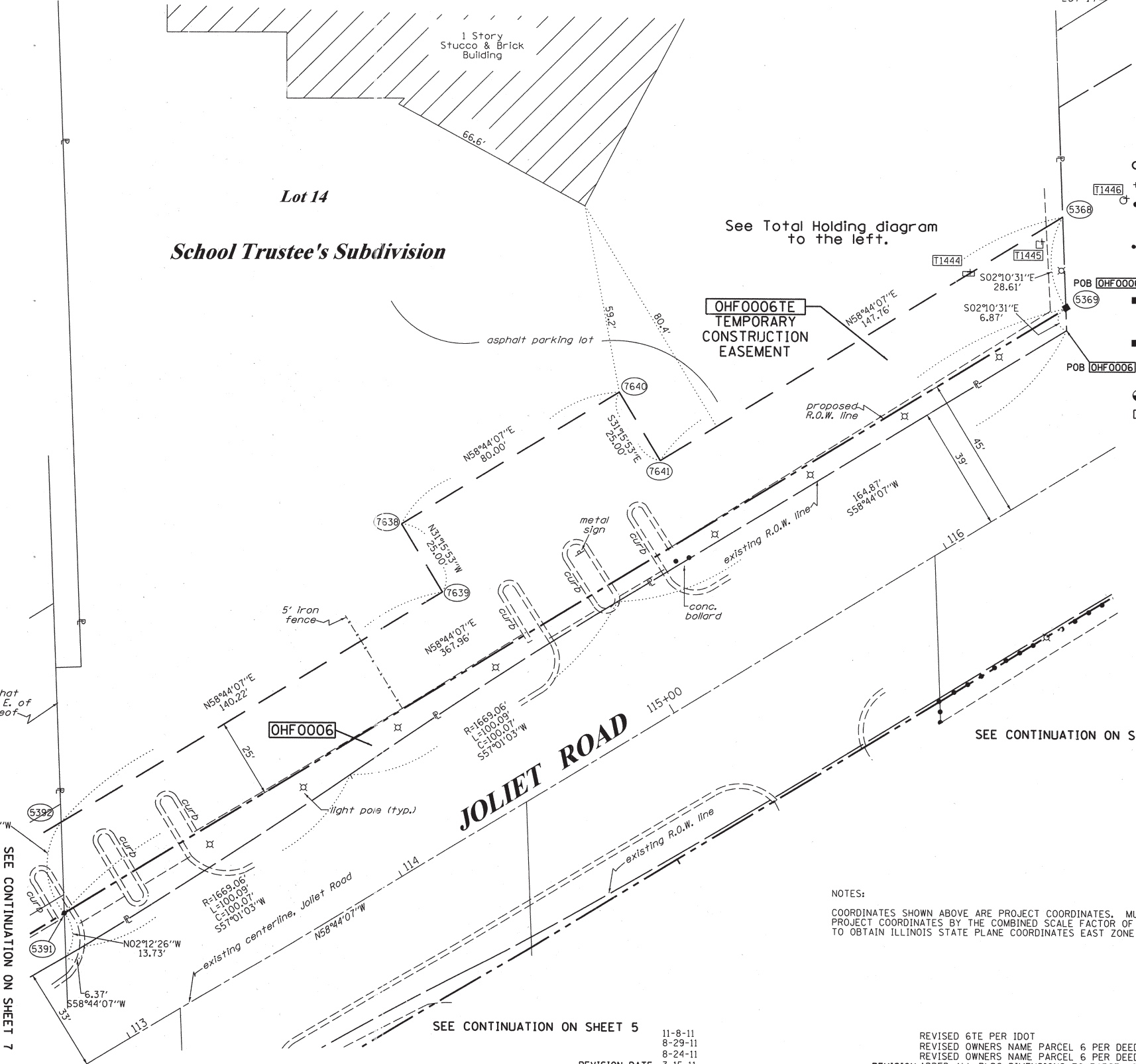
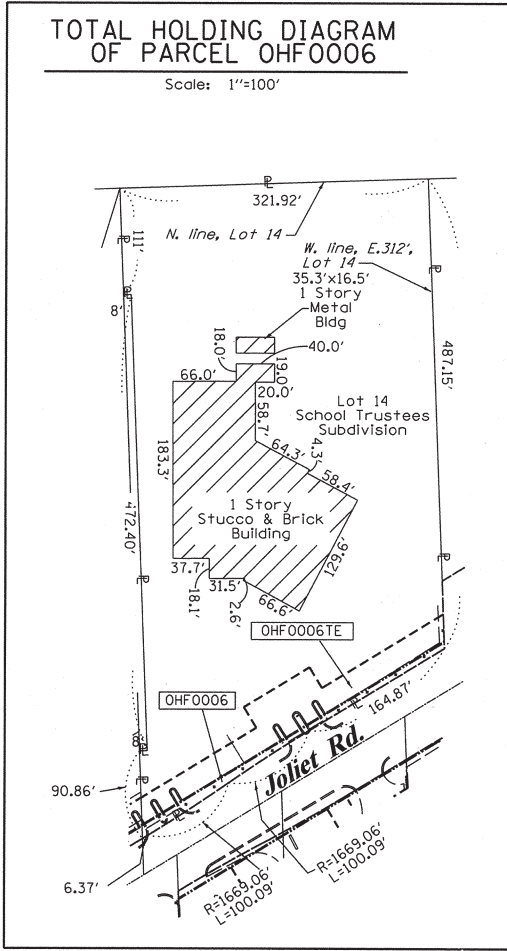


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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 113+00 TO STATION 116+50
SCALE: 1"=20' SHEET 8 OF 19

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



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SEE CONTINUATION ON SHEET 5

SEE CONTINUATION ON SHEET 4

SEE CONTINUATION ON SHEET 7

PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE CONTINUATION ON SHEET 10

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
OHF0007	CSHV QUARRY, LLC	42.630	N/A	N/A	42.630	TE-0.018	N/A	CONST.	18-16-411-040 18-16-411-036 18-16-411-038 18-16-411-042 18-16-411-064 18-16-411-067 18-16-411-068 18-16-411-063 18-16-411-039 18-16-411-047	
OHF0015	THE PEP BOYS, MANNY MOE & JACK OF CALIFORNIA, A CALIFORNIA CORPORATION	1.663	N/A	N/A	1.663	TE-0.003	142	CONST.	18-16-411-037	

LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, 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
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

SECTION CORNER
 SECTION CORNER

GRAPHIC SCALE
 FEET
 0 50,100
 20,40
 30,60
 SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1
T2
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 COUNTY OF WILL)

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DATED AT JOLIET, ILLINOIS THIS 26th DAY OF SEPTEMBER, 2012 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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



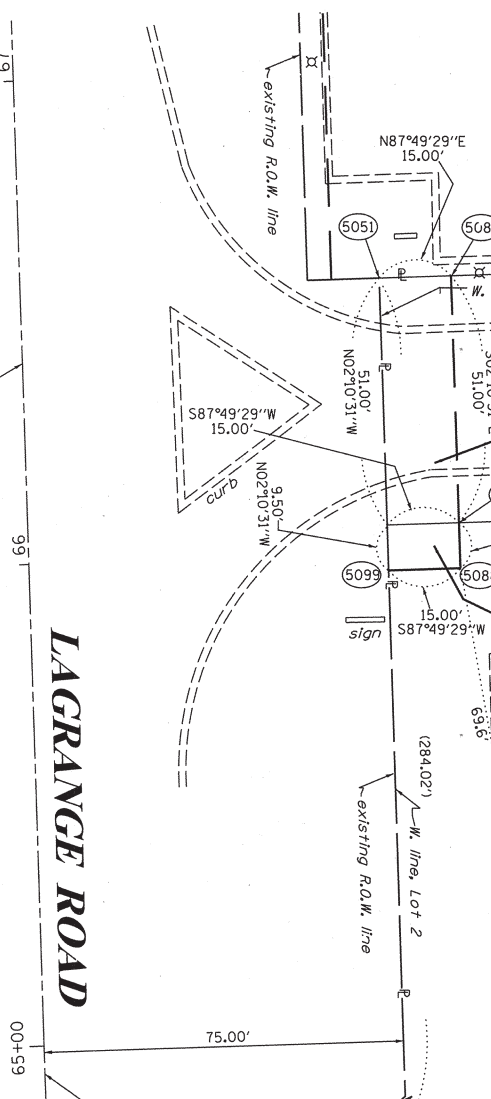
RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 US 12/20/45

LIMITS: at JOLIET RD. COUNTY: COOK
 PROJECT JOB NO.: R90-008-11
 STATION 65+00 TO STATION 67+00
 SCALE: 1"=20' SHEET 9 OF 19

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

SHEET 1 OF 19 IS A COVER SHEET AND IS NOT RECORDED



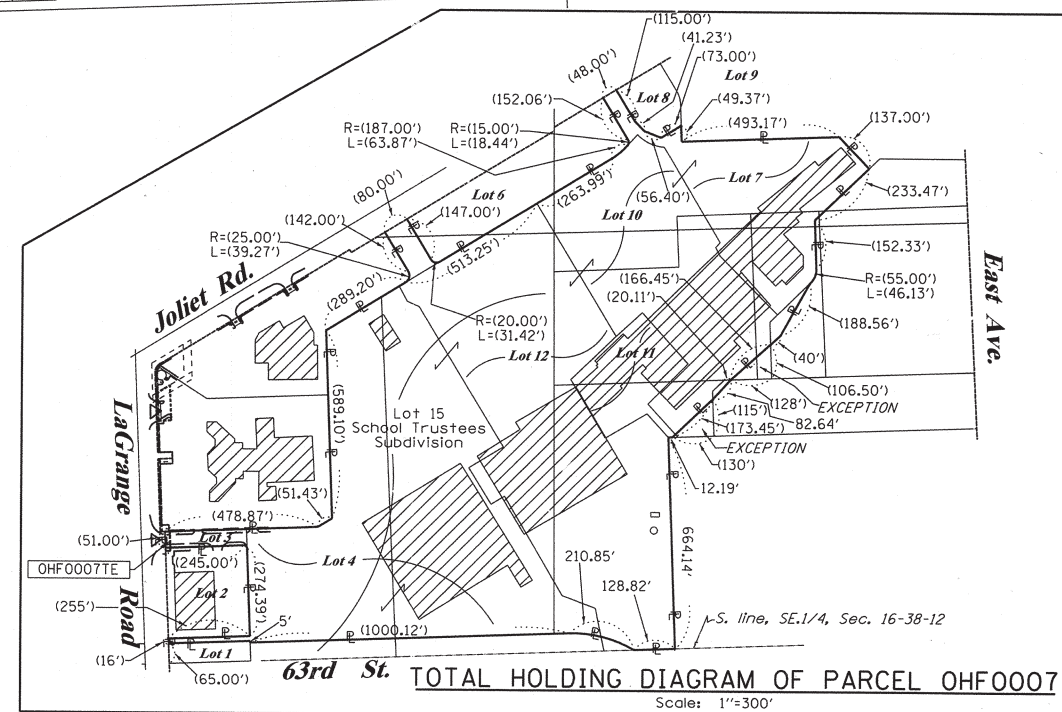
The Quarry Shopping Center Sub.
 Rec'd December 23, 1992 as doc. no. 92970141

COORDINATE TABLE

STATION	PT#	NORTH	EAST
62+40.95	0.00' RT.	769 1861336.458	1111208.009
66+56.87	75.00' RT.	5051 1861754.924	1111267.168
65+96.37	90.00' RT.	5088 1861695.038	1111284.454
66+56.87	90.00' RT.	5089 1861755.494	1111282.157
66+05.87	90.00' RT.	5098 1861704.530	1111284.093
65+96.37	75.00' RT.	5099 1861694.469	1111269.465

NOTES:
 COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

(769) Found P.K. nail at SW corner, SE 1/4, Sec. 16-38-12

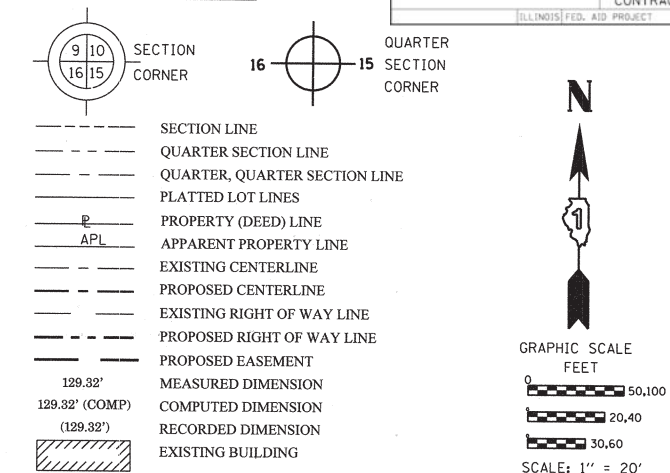


SEE CONTINUATION ON SHEET 2

PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L73	

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- 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)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Joliet, ILLINOIS THIS 20th DAY OF September 2012 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012



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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

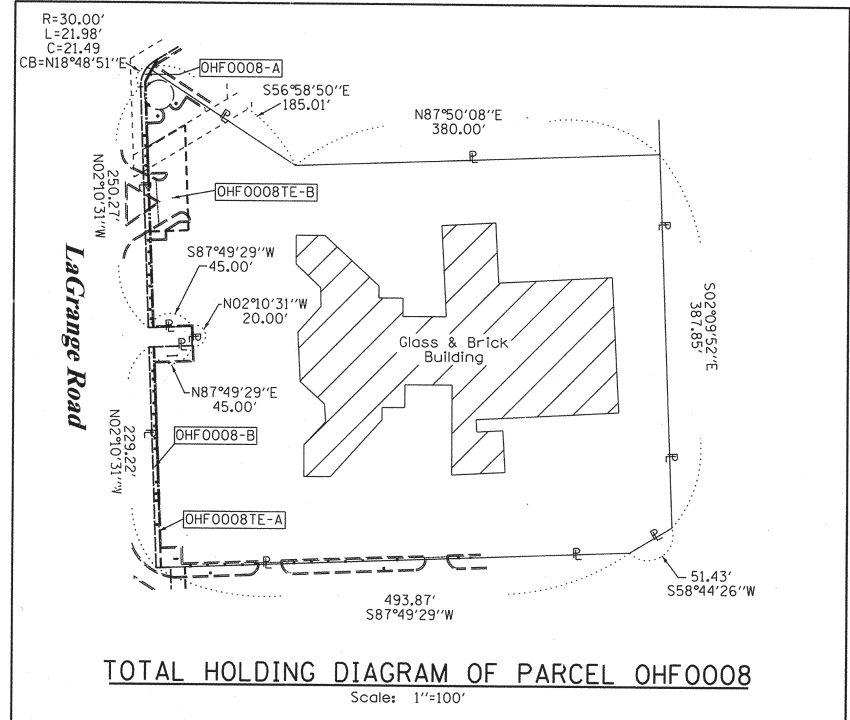
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 66+00 TO STATION 69+00
SCALE: 1"=20' SHEET 10 OF 19

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

COORDINATE TABLE

STATION	PT#	NORTH	EAST
66+56.87	65.00' RT.	5090 1861754.545	1111257.175
68+86.09	65.00' RT.	5096 1861983.600	1111248.475
69+06.09	65.00' RT.	5097 1862003.585	1111247.716
67+27.00	60.00' RT.	7642 1861824.435	1111249.517
67+27.00	65.00' RT.	7643 1861824.625	1111254.513



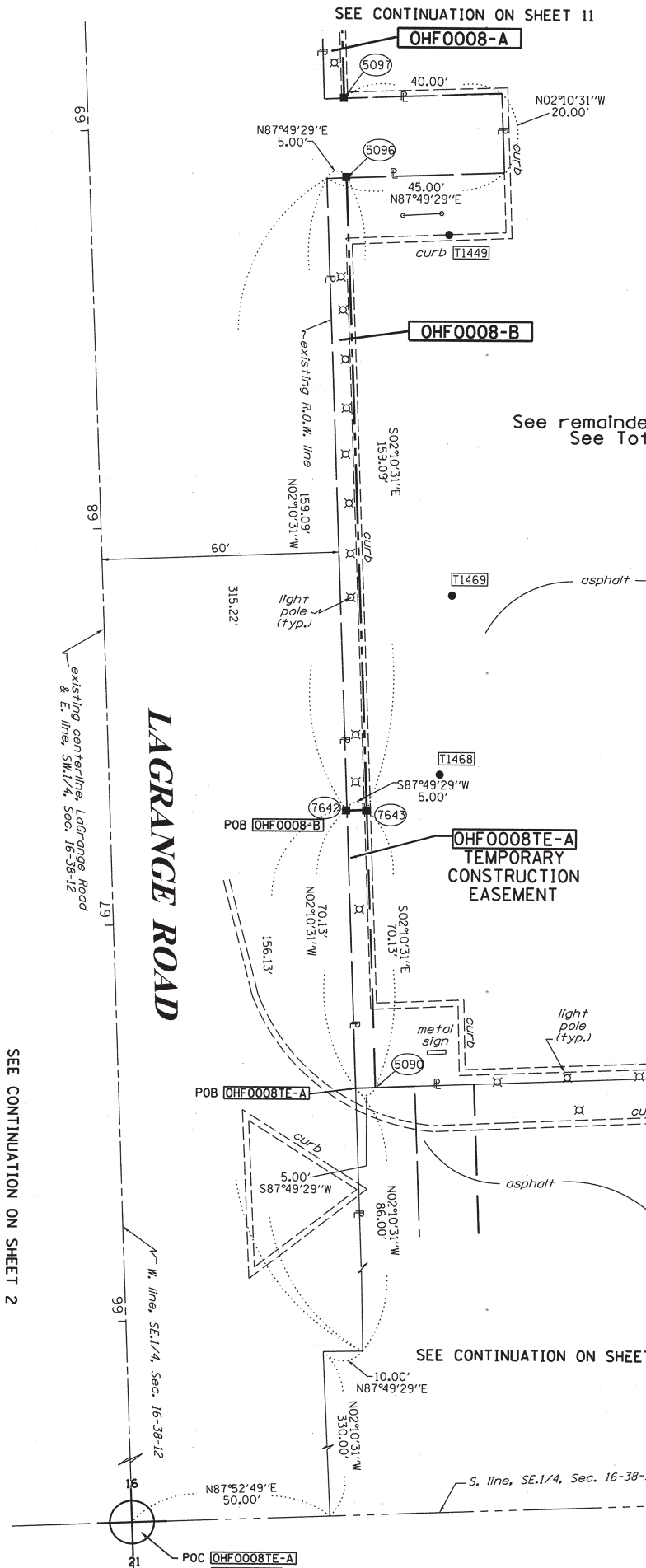
Lot 15
School Trustee's Subdivision

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
OHF0008	SUBURBAN BANK & TRUST COMPANY, AS TRUSTEE UNDER TRUST AGREEMENT DATED APRIL 10, 1998 KNOWN AS TRUST NO. 1237	5.277	A-0.031 B-0.018	N/A	5.228	TE-A-0.008 TE-B-0.091	A-351 B-N/A	CONST.	18-16-410-018 18-16-402-025	

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5096	SE 61 31'24"	29.66	1449	PK NAIL IN TOP OF CURB
5096	SE 09 16'08"	151.99	1468	PK NAIL IN ASPHALT
5096	SE 14 35'41"	108.35	1469	PK NAIL IN ASPHALT
7642	NE 09 47'28"	147.17	1449	PK NAIL IN TOP OF CURB
7642	NE 68 38'44"	25.17	1468	PK NAIL IN ASPHALT
7642	NE 25 48'23"	60.32	1469	PK NAIL IN ASPHALT
7643	NE 07 52'27"	146.21	1449	PK NAIL IN TOP OF CURB
7643	NE 64 03'06"	20.51	1468	PK NAIL IN ASPHALT
7643	NE 21 27'05"	58.15	1469	PK NAIL IN ASPHALT

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).



PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

P.L.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L73	

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER
 SECTION LINE
 QUARTER SECTION LINE
 QUARTER, 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
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 50.100
 20.40
 30.60
 SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- 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.
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- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS)
) SSS
 COUNTY OF WILL)

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DATED AT Joliet, ILLINOIS THIS 12th DAY OF September, 2010 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

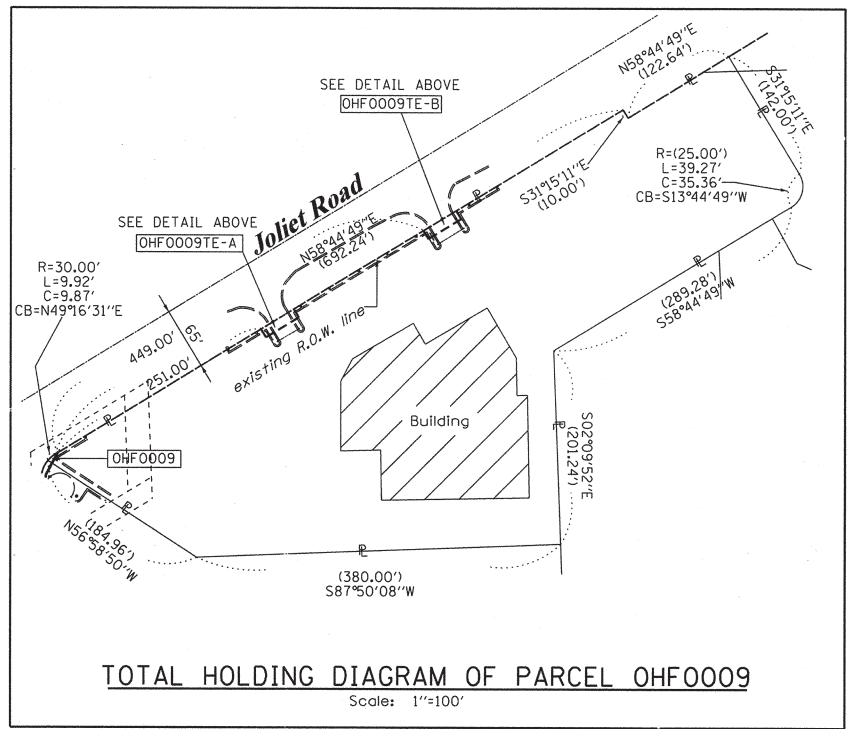
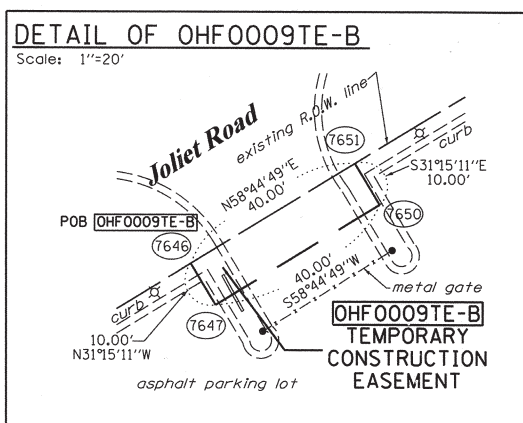
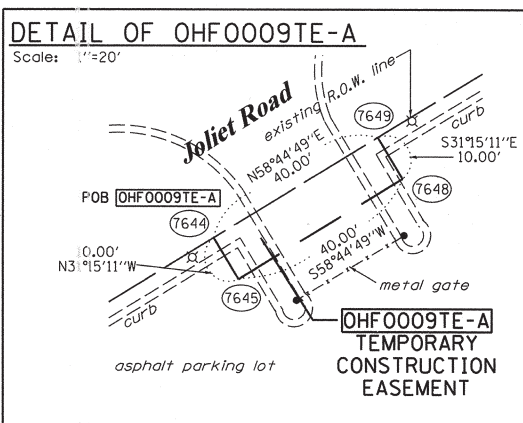
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

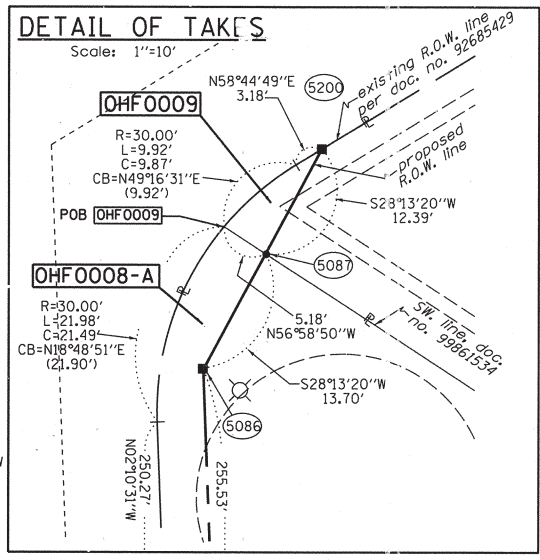
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
 PROJECT JOB NO.: R90-008-11
 STATION 69+00 TO STATION 72+00
 SCALE: 1"=20' SHEET 11 OF 19

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



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0008	SUBURBAN BANK & TRUST COMPANY, AS TRUSTEE UNDER TRUST AGREEMENT DATED APRIL 10, 1998 KNOWN AS TRUST NO. 1237	5.277	A-0.031 B-0.018	N/A	5.228	TE-A-0.008 TE-B-0.091	A-351 B-N/A	CONST.	18-16-410-018 18-16-402-025	
OHF0009	ARGONAUT HOLDINGS, INC.	3.985	0.001 37 s.f.	N/A	3.984	TE-A-0.009 TE-B-0.009	A-400 B-400	CONST.	18-16-410-017 18-16-402-006 18-16-402-024	



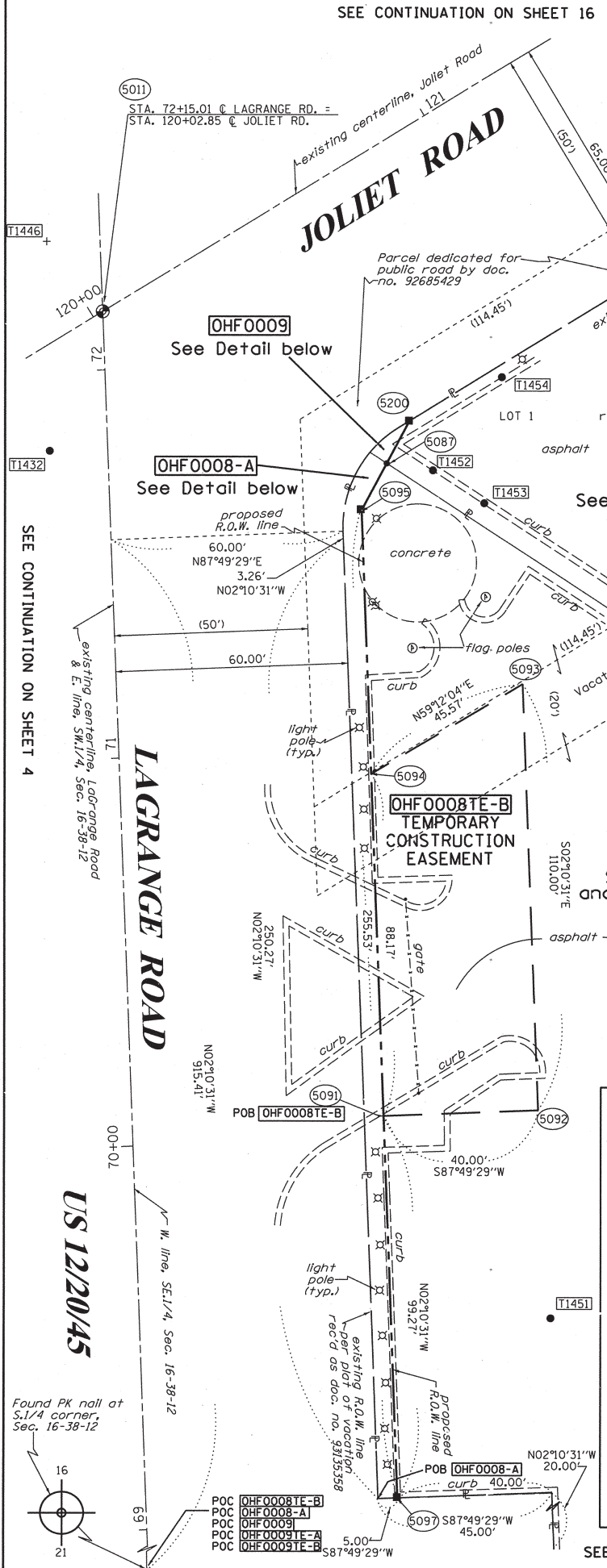
COORDINATE TABLE

STATION	PT#	NORTH	EAST
72+15.01	0.00' RT.	5011 1862309.816	1111171.037
71+73.44	71.93' RT.	5087 1862271.004	1111244.494
70+05.36	65.00' RT.	5091 1862102.784	1111243.948
70+05.36	105.00' RT.	5092 1862104.303	1111283.919
71+15.36	105.00' RT.	5093 1862214.223	1111279.744
70+93.53	65.00' RT.	5094 1862190.891	1111240.601
71+61.62	65.00' RT.	5095 1862258.935	1111238.017
69+06.09	65.00' RT.	5097 1862003.585	1111247.716
71+84.12	78.20' RT.	5200 1862281.918	1111250.351
123+04.00	65.00' RT.	7644 1862410.492	1111462.210
123+04.00	75.00' RT.	7645 1862401.943	1111467.398
125+02.00	65.00' RT.	7646 1862513.218	1111631.477
125+02.00	75.00' RT.	7647 1862504.670	1111636.665
123+44.00	75.00' RT.	7648 1862422.696	1111501.593
123+44.00	65.00' RT.	7649 1862431.245	1111496.405
125+42.00	75.00' RT.	7650 1862525.422	1111670.860
125+42.00	65.00' RT.	7651 1862533.971	1111665.672

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5011	SW 34 35'12"	183.24	1432	PK NAIL IN ASPHALT
5011	SW 71 00'09"	304.82	1446	CUT CROSS ON VALVE VAULT
5011	SE 63 34'31"	110.22	1453	PK NAIL IN TOP OF CURB
5095	SE 13 17'26"	214.06	1451	PK NAIL IN ASPHALT
5095	NE 86 41'34"	31.77	1453	PK NAIL IN TOP OF CURB
5095	NE 46 39'46"	49.82	1454	PK NAIL IN TOP OF CURB
5097	NE 87 47'39"	26.63	1450	PK NAIL IN TOP OF CURB
5097	NE 40 02'04"	61.42	1451	PK NAIL IN ASPHALT
5097	NE 01 52'52"	265.77	1452	PK NAIL IN TOP OF CURB
5200	SE 09 03'28"	234.23	1451	PK NAIL IN ASPHALT
5200	SE 42 30'35"	28.69	1453	PK NAIL IN TOP OF CURB
5200	NE 64 52'33"	26.40	1454	PK NAIL IN TOP OF CURB

NOTES:
 COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).



PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
OHF0010	COUNTRYSIDE HARLEY PROPERTIES, LLC	4.031	N/A	N/A	4.031	TE-A-0.013 TE-B-0.043	N/A	CONST.	18-16-400-029	
OHF0022	ALDI, INC., AN ILLINOIS CORPORATION	1.416	N/A	N/A	1.416	0.026	N/A	CONST.	18-16-400-030	

COORDINATE TABLE		STATION	OFFSET	PT#	NORTH	EAST
128+33.84	38.00' LT.	5120	1862773.436		1111861.722	
128+33.84	33.00' LT.	5121	1862769.161		1111864.316	
127+24.24	38.00' LT.	5122	1862716.574		1111768.028	
128+33.84	0.00' RT.	5248	1862740.950		1111881.437	
128+50.00	33.00' LT.	7652	1862777.546		1111878.132	
128+50.00	58.00' LT.	7653	1862798.918		1111865.161	
129+70.00	58.00' LT.	7654	1862861.177		1111967.748	
129+70.00	33.00' LT.	7655	1862839.804		1111980.718	
129+31.03	58.00' LT.	7656	1862840.957		1111934.430	

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, 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
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
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- EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50.100
20.40
30.60
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

NOTES:

COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
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- ⊙ 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 WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Joliet, ILLINOIS THIS 20th DAY OF SEPTEMBER, 2012 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

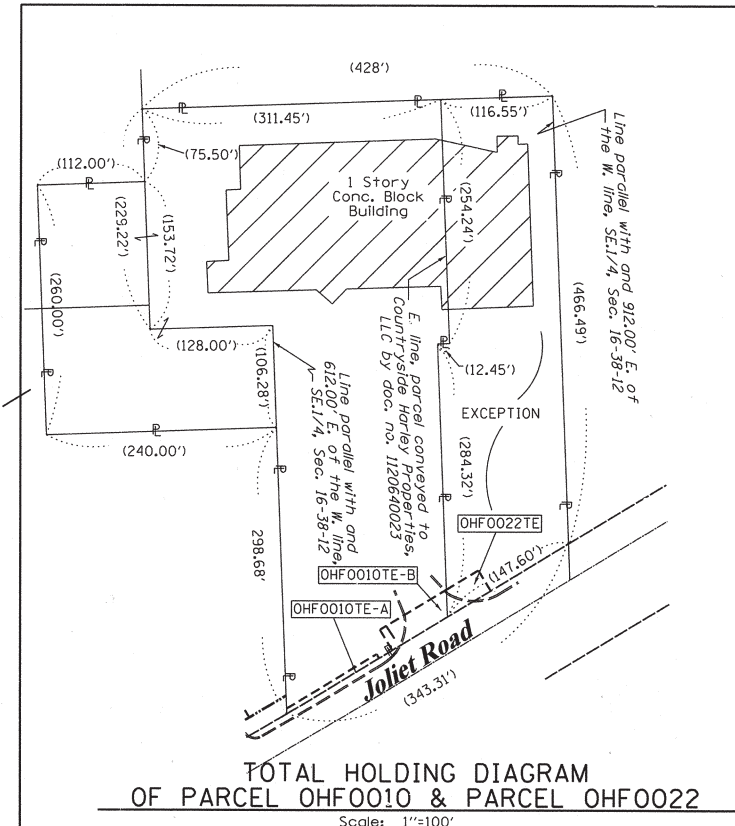
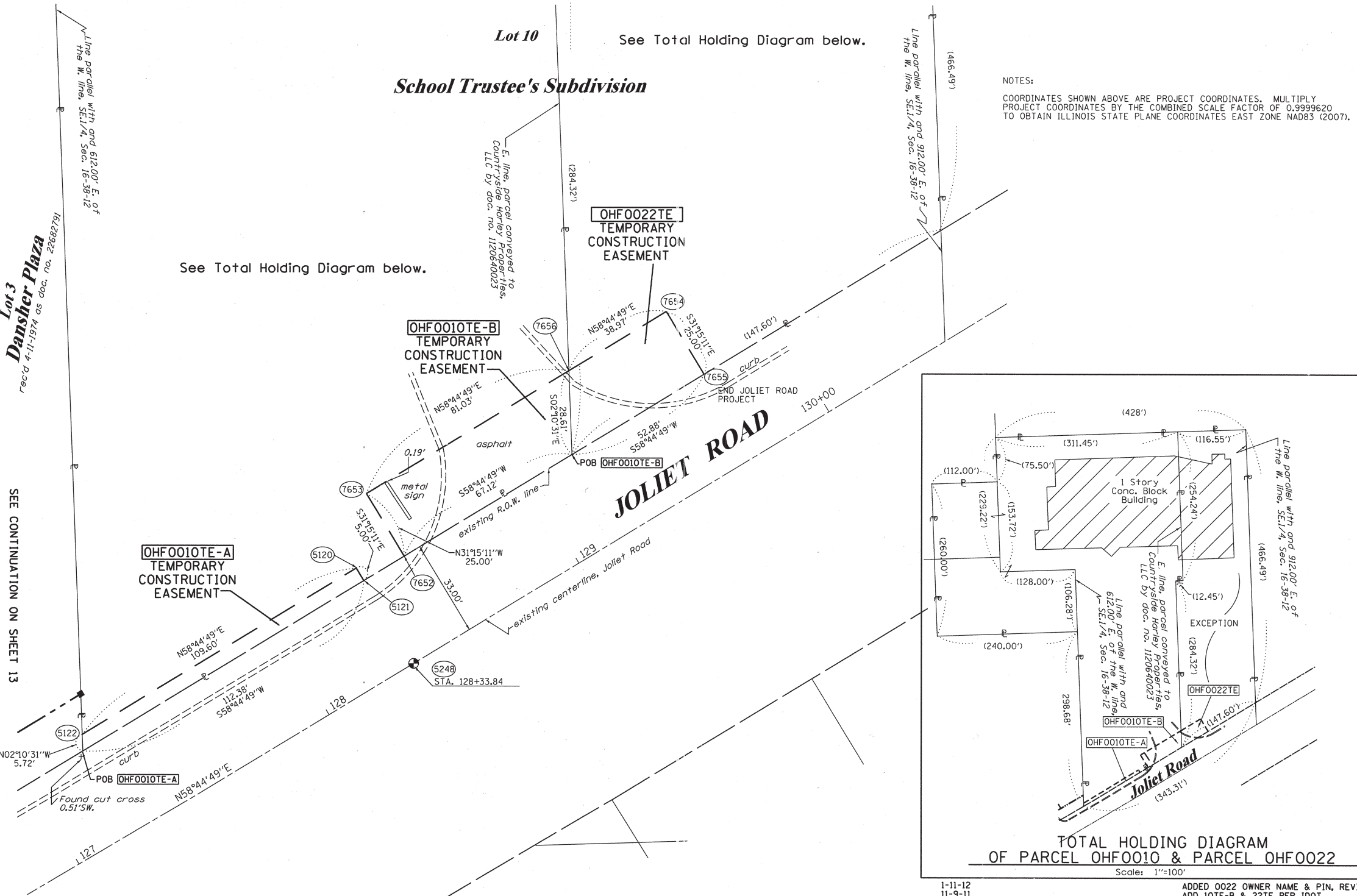
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 127+00 TO STATION 130+00
SCALE: 1"=20' SHEET 12 OF 19

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

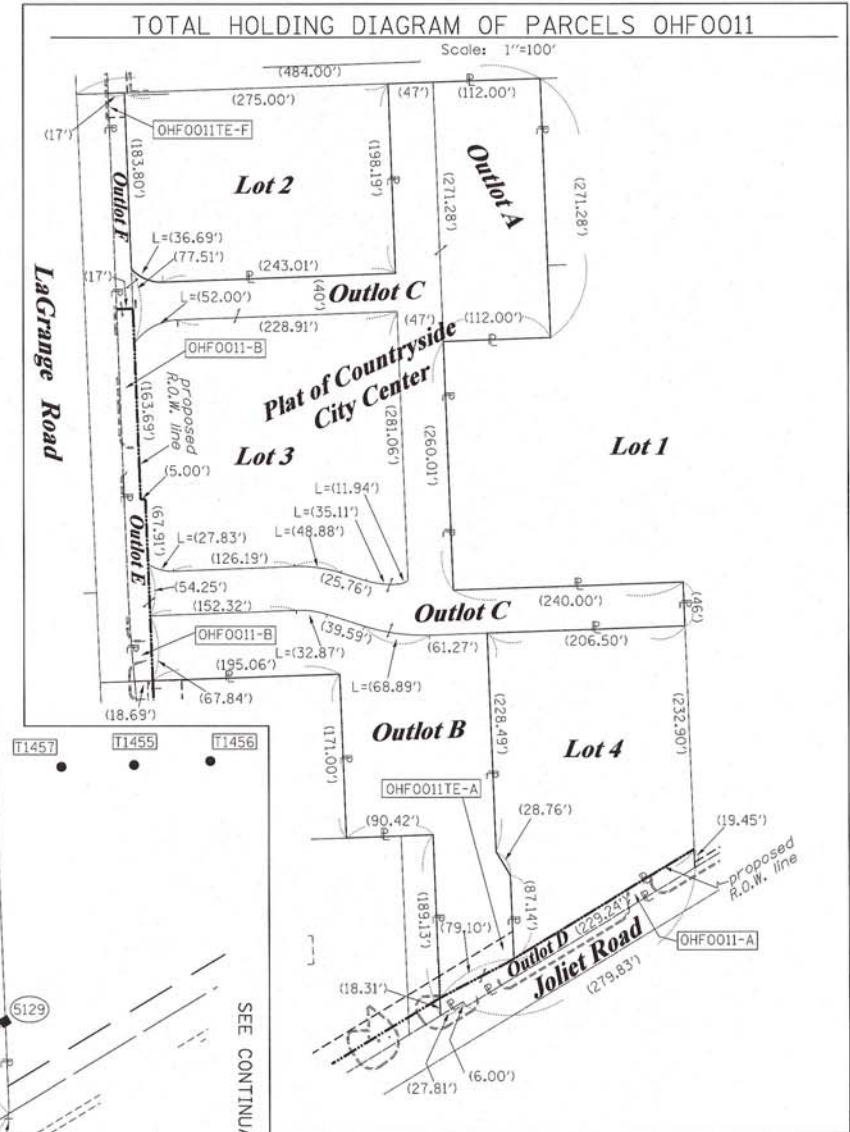
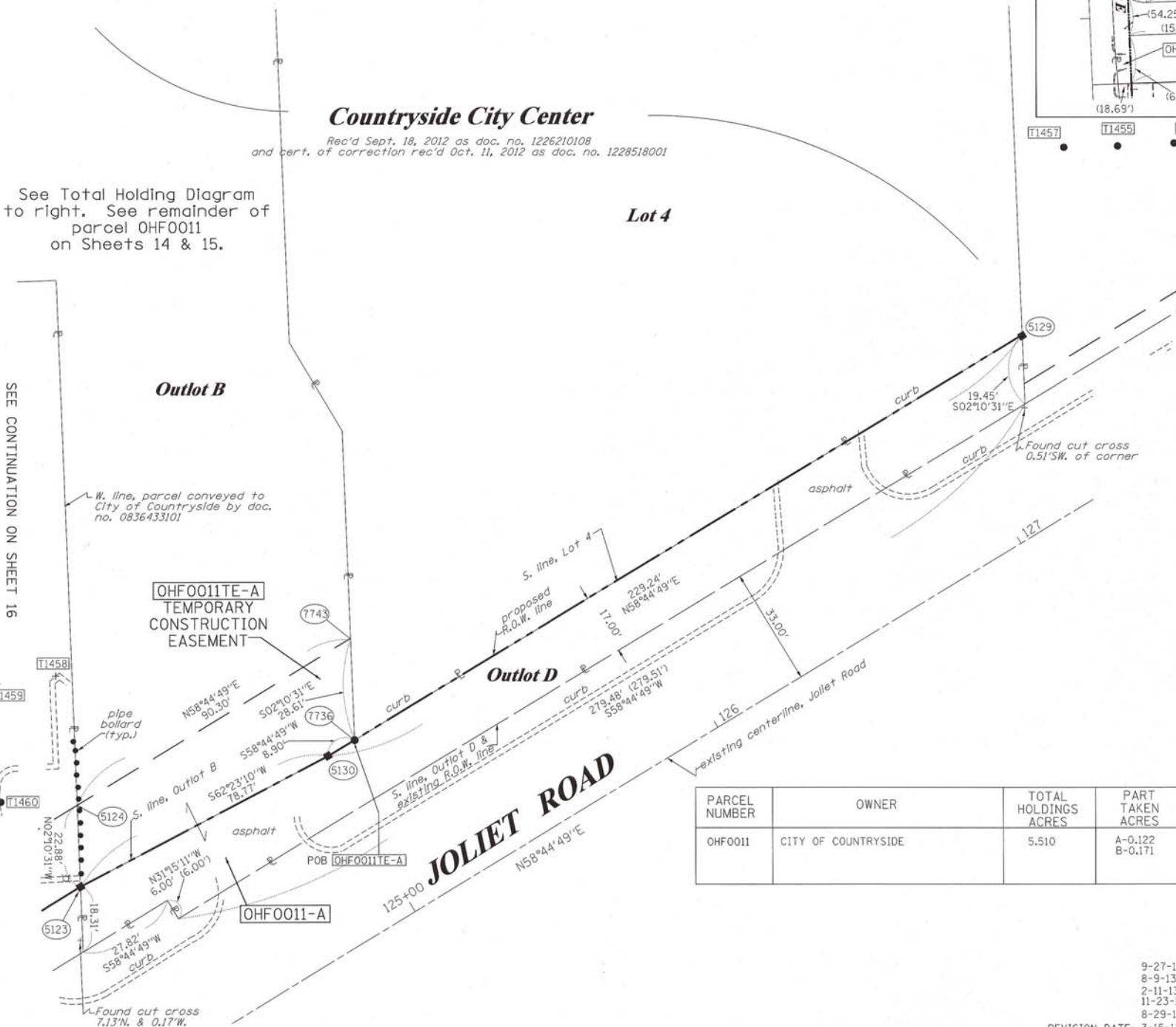


PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

STATION	OFFSET	PTH	NORTH	EAST
124+23.05	55.00' LT.	5123	1862574.846	1111501.728
124+34.18	75.00' LT.	5124	1862597.713	1111500.860
127+30.91	50.00' LT.	5129	1862730.295	1111767.507
125+01.67	50.00' LT.	5130	1862611.358	1111571.529
125+10.57	50.00' LT.	7736	1862615.976	1111579.138
125+24.47	75.00' LT.	7743	1862644.560	1111578.052

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5123	SW 83 31'21"	74.87	1458	CUT CROSS IN TOP OF CURB
5123	SW 84 32'24"	111.18	1459	CUT CROSS IN INLET
5123	SW 65 13'39"	104.69	1460	PK NAIL IN TOP OF CURB
5129	NE 17 54'49"	96.13	1455	PK NAIL IN TOP OF CURB
5129	NE 26 13'36"	102.86	1456	PK NAIL IN TOP OF CURB
5129	NE 08 59'51"	92.23	1457	PK NAIL IN TOP OF CURB
5130	NE 45 03'03"	297.29	1457	PK NAIL IN TOP OF CURB
5130	SW 72 40'59"	151.04	1458	CUT CROSS IN TOP OF CURB
5130	SW 64 00'27"	183.40	1460	PK NAIL IN TOP OF CURB

NOTES:
 COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15

GRAPHIC SCALE: 0, 50, 100 FEET
 SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- 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

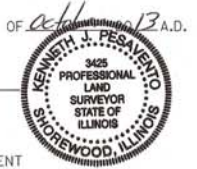
STATE OF ILLINOIS)
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 SHOREWOOD, ILLINOIS THIS 7th DAY OF October 2013 A.D.

Kenneth J. Pesavento
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
 LICENSE EXPIRATION DATE 11-30-2014

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



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0011	CITY OF COUNTRYSIDE	5.510	A-0.122 B-0.171	N/A	5.217	TE-A-0.047 TE-F-0.010	N/A	CONST.	18-16-400-010 18-16-400-020 18-16-400-019 PT 18-16-400-023 PT	

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 129 CAPISTA DRIVE
 SHOREWOOD, ILLINOIS 60404
 PH. (815) 744-6600 FAX (815) 744-0501

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
 PROJECT JOB NO.: R90-008-11
 STATION 124+00 TO STATION 127+50
 SCALE: 1"=20' SHEET 13 OF 19

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

PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	63
CONTRACT NO. 60L73			ILLINOIS FED. AID PROJECT	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50.00
20.40
30.60
SCALE: 1" = 20'

- Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5 / 8" REBAR SET
 - T1 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.
 - T2
 - T3
 - BT1 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.
 - BT2
 - BT3
 - 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.
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 - RIGHT OF WAY STAKING PROPOSED TO BE SET

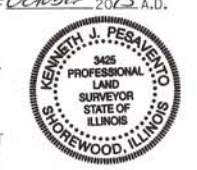
STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Shrewood, ILLINOIS THIS 7th DAY OF October 2013 A.D.

Kenneth J. Pesavento
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2014

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



RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
129 CAPISTA DRIVE
SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 80+00 TO STATION 84+50
SCALE: 1"=20' SHEET 14 OF 19

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF001	CITY OF COUNTRYSIDE	5.510	A-0.122 B-0.171	N/A	5.217	TE-A-0.047 TE-F-0.010	N/A	CONST.	18-16-400-010 18-16-400-020 18-16-400-019 PT 18-16-400-023 PT	

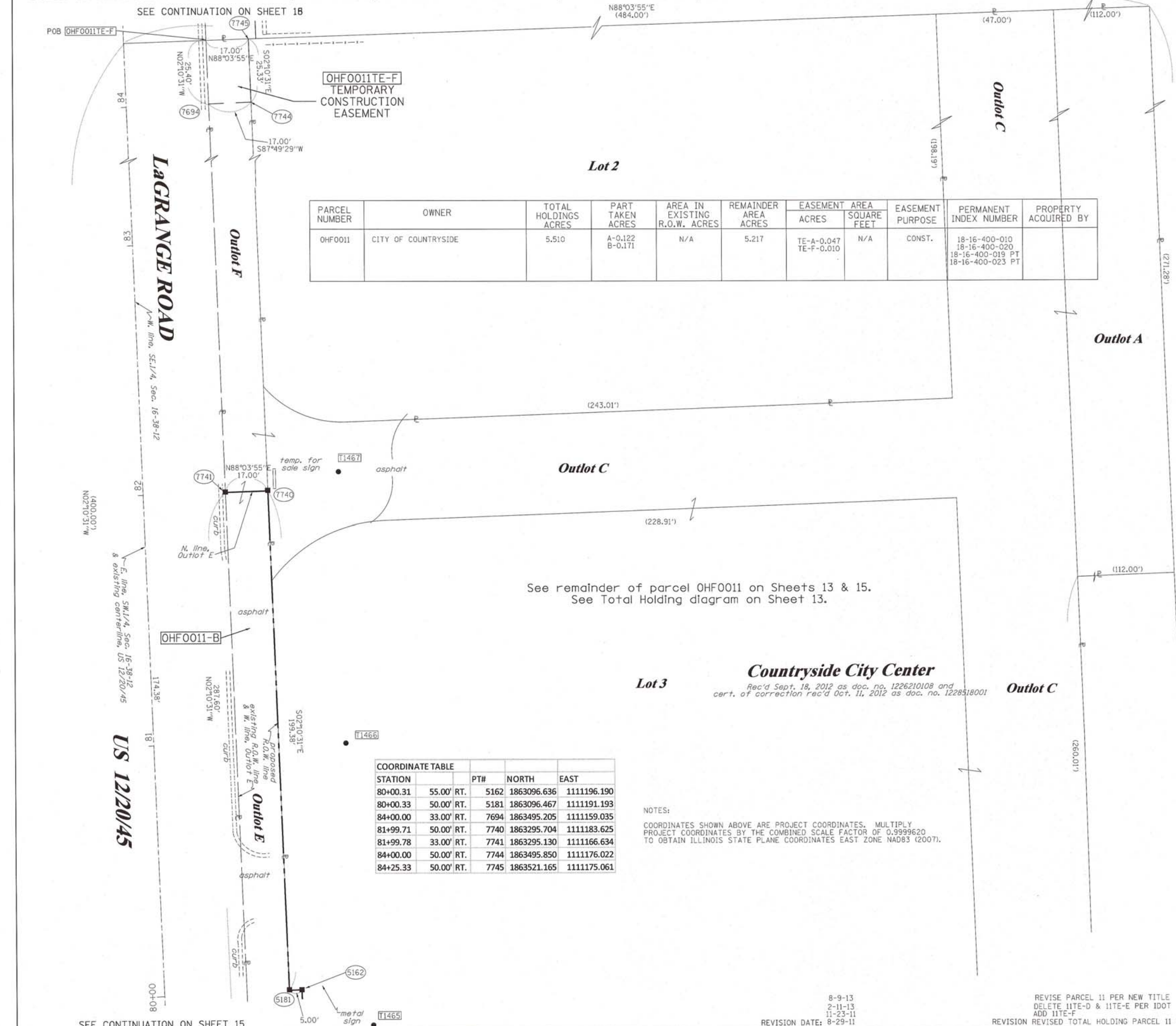
See remainder of parcel OHF0011 on Sheets 13 & 15.
See Total Holding diagram on Sheet 13.

Lot 3
Countryside City Center
Rec'd Sept. 18, 2012 as doc. no. 1226210108 and cert. of correction rec'd Oct. 11, 2012 as doc. no. 1228518001

COORDINATE TABLE

STATION	PT#	NORTH	EAST
80+00.31	55.00' RT.	5162	1863096.636
80+00.33	50.00' RT.	5181	1863096.467
84+00.00	33.00' RT.	7694	1863495.205
81+99.71	50.00' RT.	7740	1863295.704
81+99.78	33.00' RT.	7741	1863295.130
84+00.00	50.00' RT.	7744	1863495.850
84+25.33	50.00' RT.	7745	1863521.165

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).



PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE CONTINUATION ON SHEET 14

F.A.P. RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L73	

LEGEND

SECTION CORNER
QUARTER CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
129.32' (COMP)
(129.32')
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50,100
20,40
30,60
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/ 8" REBAR SET
- 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.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Shorewood, ILLINOIS THIS 7th DAY OF October, 2013 A.D.

Kenneth J. Pesavento
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2014

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



RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 76+50 TO STATION 80+00
SCALE: 1"=20' SHEET 15 OF 19

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

SHEET 1 OF 19 IS A COVER SHEET AND IS NOT RECORDED
RT&A 2010-1111

STATION		PT#	NORTH	EAST
76+39.31	55.00' RT.	5136	1862735.893	1111209.892
76+39.22	75.00' RT.	5139	1862736.569	1111229.881
77+08.78	75.00' RT.	5156	1862806.077	1111227.241
77+08.78	55.00' RT.	5157	1862805.318	1111207.255
77+54.78	55.00' RT.	5158	1862851.285	1111205.509
77+54.78	85.00' RT.	5159	1862852.424	1111235.488
78+10.31	55.00' RT.	5160	1862906.773	1111203.402
78+10.18	85.00' RT.	5161	1862907.786	1111233.385
80+00.31	55.00' RT.	5162	1863096.636	1111196.190
80+00.33	50.00' RT.	5181	1863096.467	1111191.193

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5162	SE 55 09'17"	36.05	1465	5/8" REBAR
5162	NE 10 25'17"	100.11	1466	5/8" REBAR
5162	NE 04 19'23"	207.37	1467	5/8" REBAR

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0011	CITY OF COUNTRYSIDE	5.510	A-0.122 B-0.171	N/A	5.217	TE-A-0.047 TE-F-0.010	N/A	CONST.	18-16-400-010 18-16-400-020 18-16-400-019 PT 18-16-400-023 PT	
OHF0014	WESTERN SPRINGS NATIONAL BANK AND TRUST AS TRUSTEE, TRUST NO. 3413	0.830	0.065	N/A	0.765	TE-A-0.032 TE-B-0.038	N/A	CONST.	18-16-400-015	

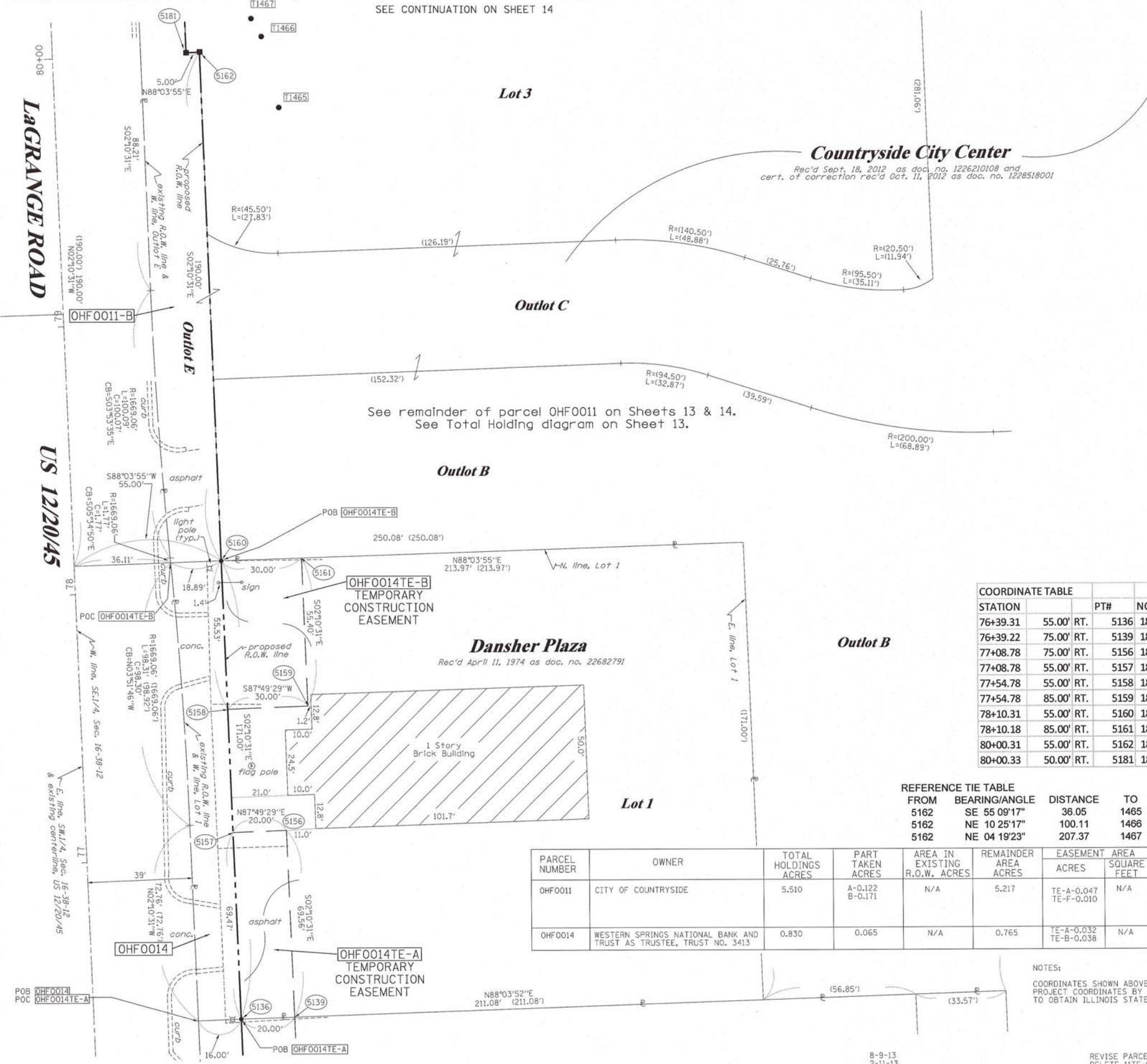
NOTES:

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8-9-13
2-11-13
11-23-11
8-29-11
REVISION DATE: 1-13-11

REVISE PARCEL 11 PER NEW TITLE
DELETE 11TE-C PER IDOT
ADD 11TE-F
REVISED TOTAL HOLDING PARCEL 11 PER DEED
REVISION MISCEL REVISION

TLW
TLW
TLW
TLW
MADE BY TLW



SEE CONTINUATION ON SHEET 16

PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE CONTINUATION ON SHEET 15

COORDINATE TABLE

LAGRANGE ROAD

STATION	PT#	NORTH	EAST
75+41.37	191.94' RT.	5069 1862643.228	1111350.454
74+65.22	55.00' RT.	5135 1862561.933	1111216.500
76+39.31	55.00' RT.	5136 1862735.893	1111209.892
75+73.78	55.00' RT.	5137 1862670.415	1111212.380
75+73.78	75.00' RT.	5138 1862671.174	1111232.365
76+39.22	75.00' RT.	5139 1862736.569	1111229.881

JOLIET ROAD

STATION	PT#	NORTH	EAST
123+29.21	191.94' LT.	5069 1862643.228	1111350.454
124+23.05	55.00' LT.	5123 1862574.846	1111501.728
124+34.18	75.00' LT.	5124 1862597.713	1111500.860
122+53.06	55.00' LT.	5133 1862486.648	1111356.402
122+64.18	75.00' LT.	5134 1862509.516	1111355.533

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50,100
20,40
30,60
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- 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.
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- ⊕ 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 WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Joliet, ILLINOIS THIS 26th DAY OF SEPTEMBER 2012 A.D.

Ronald F. Hodgen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 72+50 TO STATION 76+50
SCALE: 1"=20' SHEET 16 OF 19

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

NOTES:

COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5069	SE 27 12'44"	88.79	1459	CUT CROSS ON INLET
5069	NE 09 25'51"	21.62	1461	PK NAIL IN TOP OF CURB
5069	SW 78 18'31"	122.83	1464	PK NAIL IN TOP OF CURB
5133	NE 48 35'39"	67.03	1460	PK NAIL IN TOP OF CURB
5133	NW 00 46'28"	177.93	1461	PK NAIL IN TOP OF CURB
5133	NW 43 47'09"	182.42	1464	PK NAIL IN TOP OF CURB
5135	NE 89 14'02"	174.57	1459	CUT CROSS ON INLET
5135	NE 53 15'47"	171.57	1461	PK NAIL IN TOP OF CURB
5135	NE 13 37'46"	58.04	1464	PK NAIL IN TOP OF CURB

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0012	TRUSTEES OF WHITE CASTLE PROFIT SHARING PLAN AND TRUST	1.279	A-0.062 B-0.066	N/A	1.151	TE-A-0.078 TE-B-0.030	N/A	CONST.	18-16-400-016	PLATS & LEGALS
OHF0013	RDK VENTURES, LLC A DELAWARE LIMITED LIABILITY COMPANY	0.595	0.595	N/A	0.000	N/A	N/A	N/A	18-16-400-011	

SEE CONTINUATION ON SHEET 11

1-26-12
REVISION DATE: 11-29-11

REVISED OWNER PARCEL 13
PARCEL 13 TO A FULL TAKE PER IDOT

TLW
MADE BY TLW

PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0003	INTERNATIONAL UNION OF OPERATING ENGINEERS, LOCAL 150, 150A, 150B, 150C BUILDING CORPORATION	7.849	0.117	0.101	7.732	TE-A-0.041 TE-B-0.014 TE-C-0.045	N/A	CONST.	**	

18-16-303-014
18-16-303-020
18-16-303-001
18-16-303-002
18-16-303-010
18-16-303-011
18-16-303-027

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

LEGEND

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

GRAPHIC SCALE FEET
0 20.40 30.60 50.100
SCALE: 1" = 20'

- O IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR 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 WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Joliet, ILLINOIS THIS 24th DAY OF SEPTEMBER, 2012 A.D.

R. Hodgen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012



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

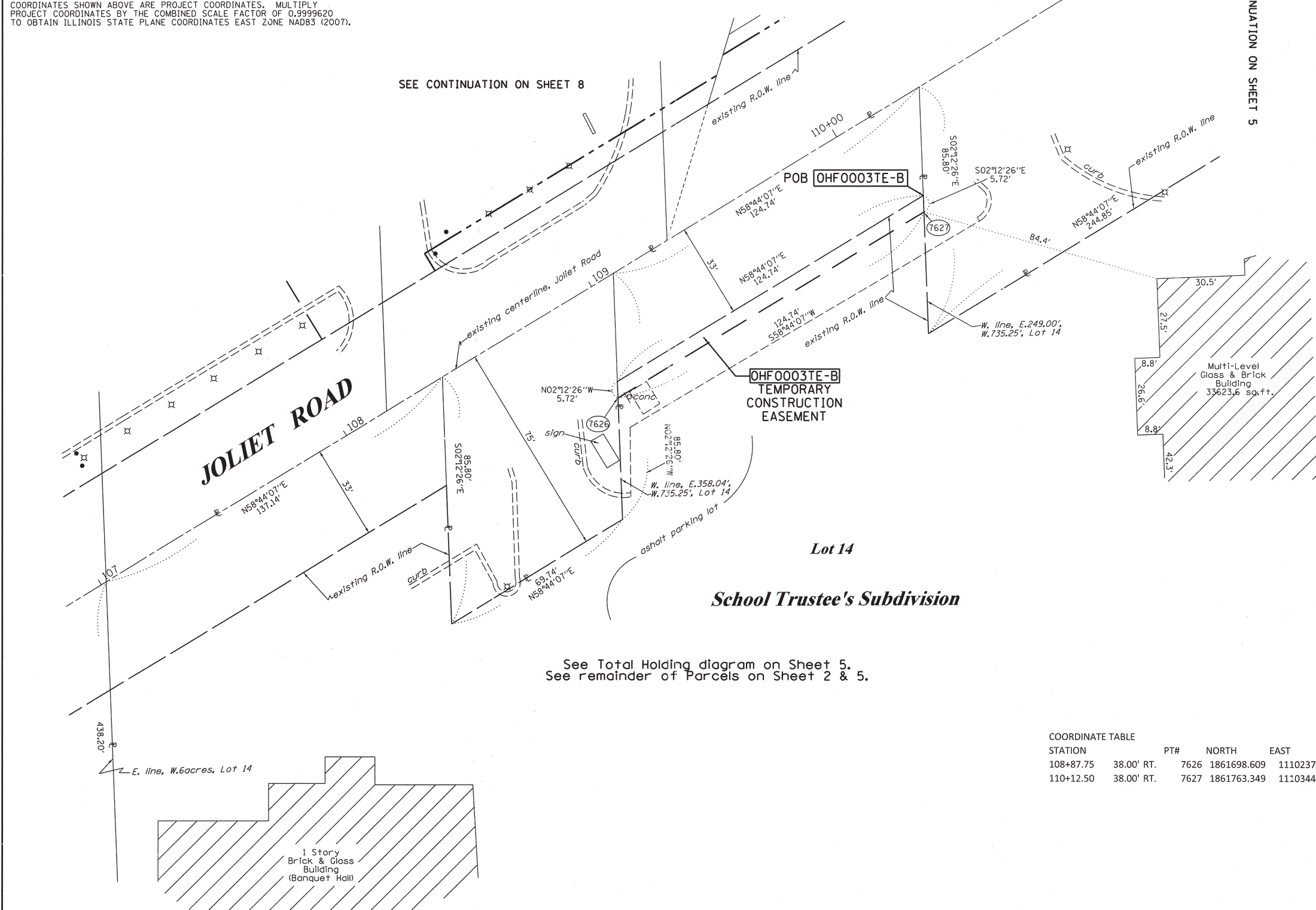
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45

LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 63+00 TO STATION 66+00
SCALE: 1"=20' SHEET 17 OF 19

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

RECEIVED
SEP 26 2012
PLATS & LEGALS
RECEIVED
SEP 26 2012
PLATS & LEGALS



See Total Holding diagram on Sheet 5.
See remainder of Parcels on Sheet 2 & 5.

COORDINATE TABLE

STATION	PT#	NORTH	EAST
108+87.75	38.00' RT.	7626 1861698.609	1110237.599
110+12.50	38.00' RT.	7627 1861763.349	1110344.225

REVISION DATE: 3-12-12

REVISION REVISED 3TE-A IN TABLE

MADE BY TLW

PART OF THE SE. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

P.L.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	67
CONTRACT NO. 60L73			ILLINOIS FED. AID PROJECT	

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, 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
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50.00
20.40
30.60
SCALE: 1" = 20'

COORDINATE TABLE

STATION	PT#	NORTH	EAST
85+50.00	53.00' RT.	7696	1863645.856
85+50.00	33.00' RT.	7697	1863645.097
84+25.32	53.00' RT.	7698	1863521.266

- Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 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.
 - T2
 - T3
 - BT1 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.
 - BT2
 - BT3
 - 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 WILL)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 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 Joliet, ILLINOIS THIS 26th DAY OF August 2012 A.D.

Ronald F. Hodgen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

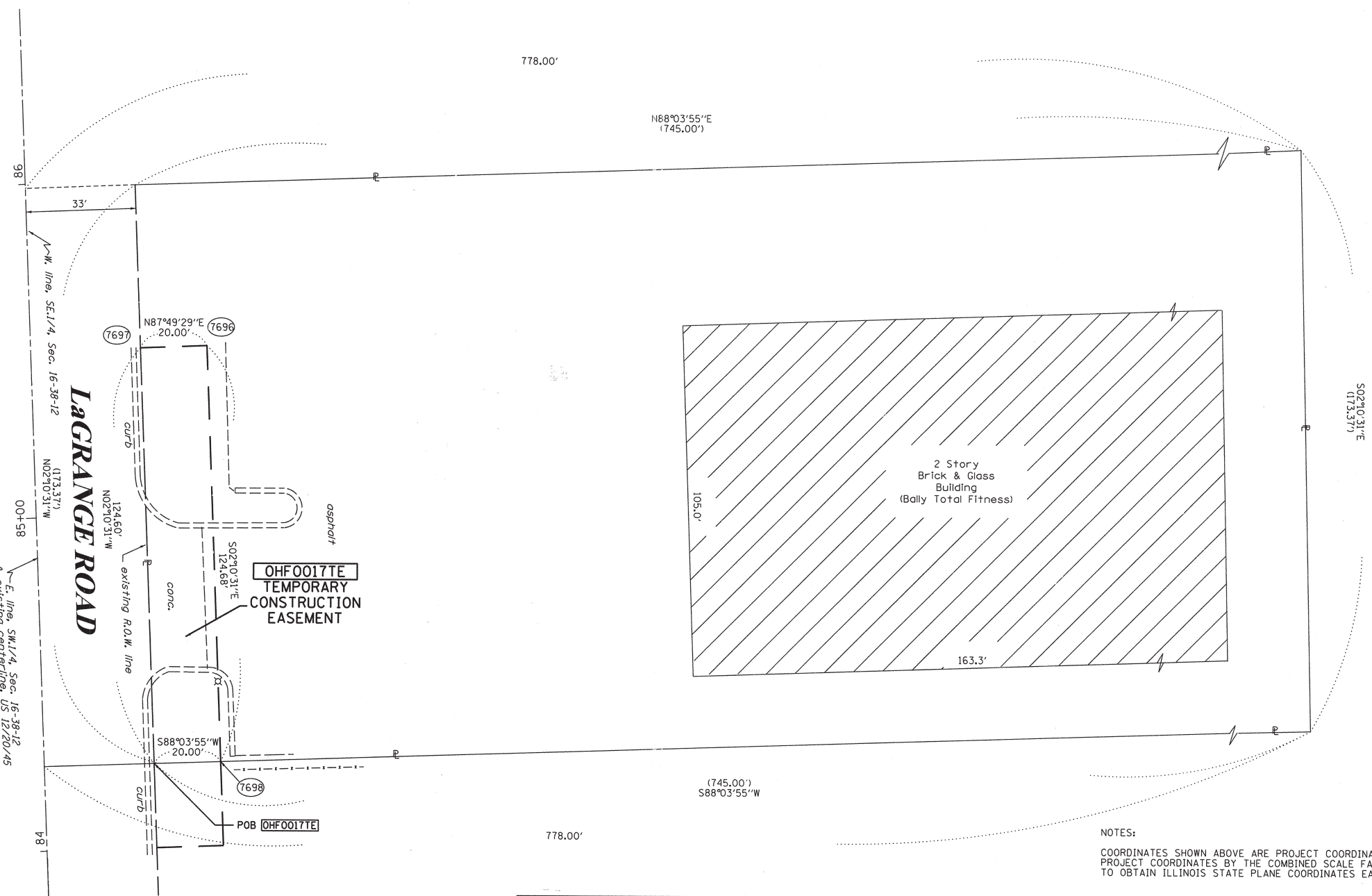


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
PLAT & LEGALS
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US 12/20/45
LIMITS: at Joliet Rd. COUNTY: COOK
PROJECT JOB NO.: R90-008-11
STATION 84+00 TO STATION 86+00
SCALE: 1"=20' SHEET 18 OF 19

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



NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0017	NORTH STAR TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED 2-23-2006 KNOWN AS TRUST NO. 06-9384	2.965	N/A	N/A	2.965	0.057	N/A	CONST.	18-06-400-025	

REVISION DATE: 1-24-12 REVISION ADDED OWNER NAME TO TABLE

PART OF THE SW. 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

P.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2010-082-1	COOK	152	68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L73	

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APL
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
129.32' (COMP)
129.32' (RECORDED)
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50,100
20,40
30,60
SCALE: 1" = 20'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- BT1 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.
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- BT3
- 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.
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- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

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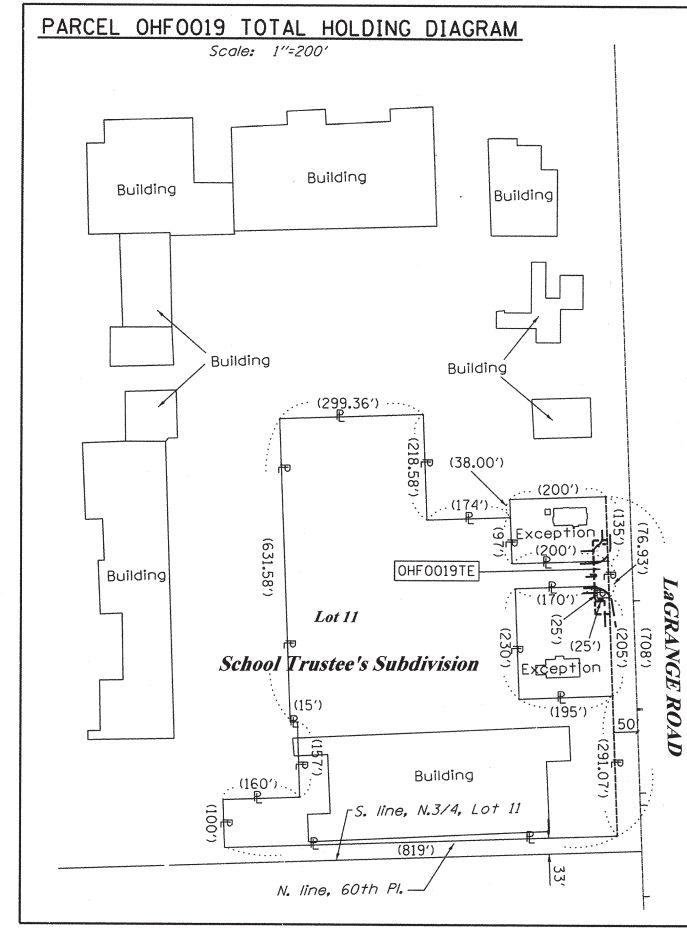
DATED AT Joliet, ILLINOIS THIS 20th DAY OF September 2012 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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



RECEIVED
SEP 26 2012
PLATS & RECORDS
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101



COORDINATE TABLE

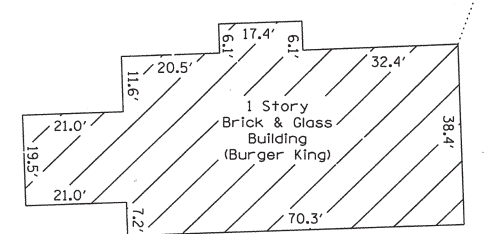
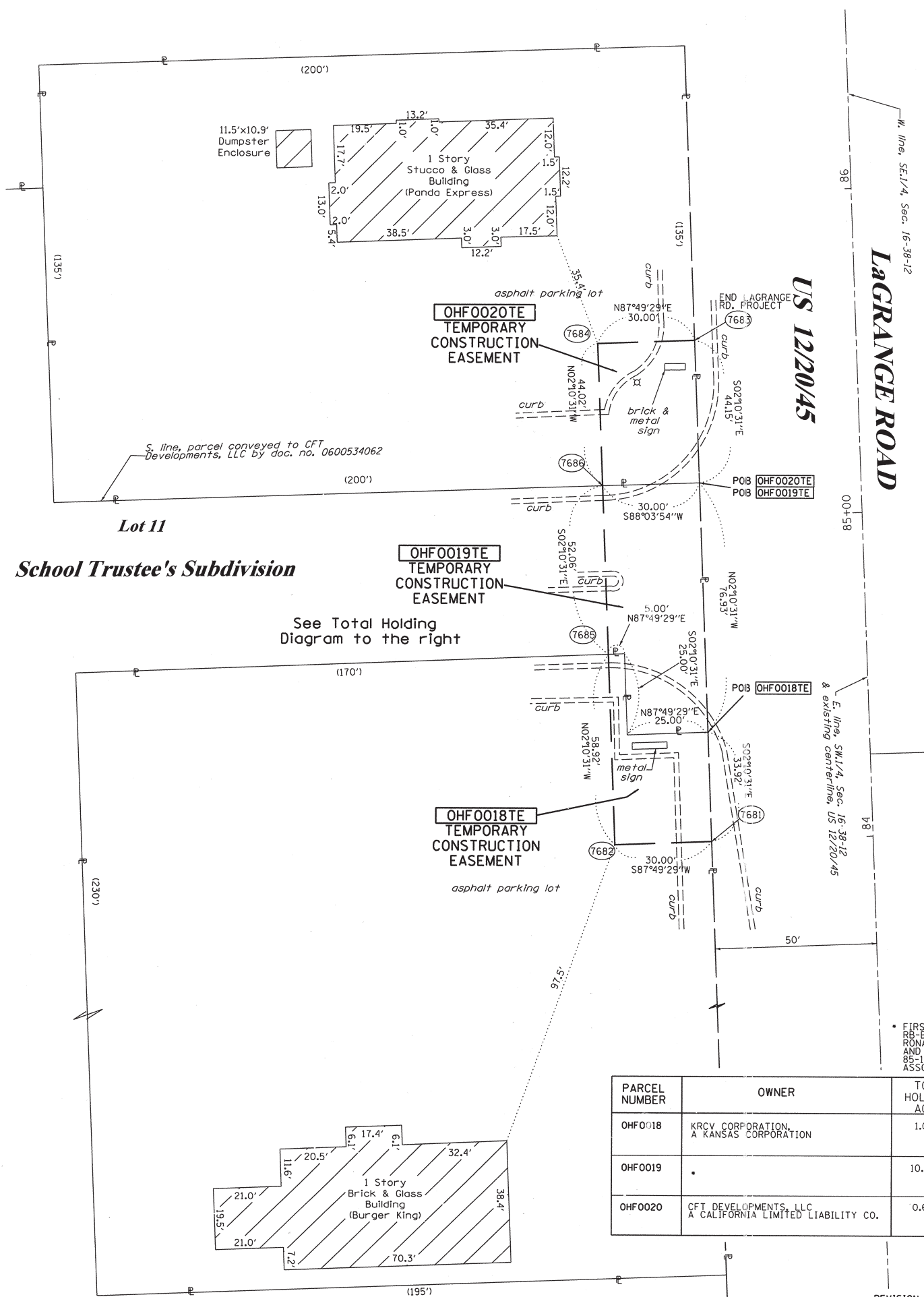
STATION	PT#	NORTH	EAST
84+00.00	50.00' LT.	7681 1863492.054	1111076.094
84+00.00	80.00' LT.	7682 1863490.916	1111046.116
85+55.00	50.00' LT.	7683 1863646.943	1111070.211
85+55.00	80.00' LT.	7684 1863645.804	1111040.233
84+58.92	80.00' LT.	7685 1863549.793	1111043.880
85+10.98	80.00' LT.	7686 1863601.813	1111041.904

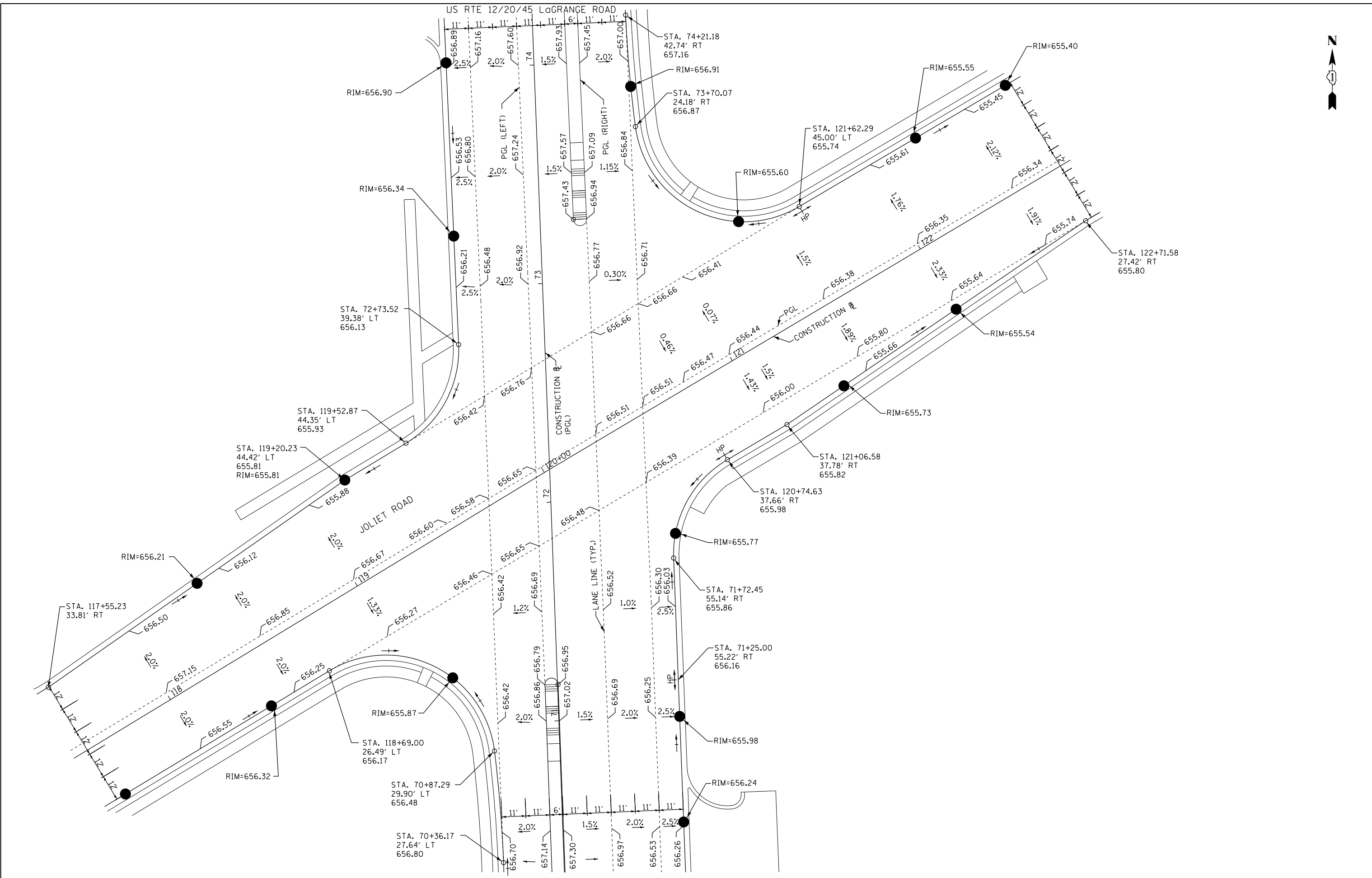
SEE CONTINUATION ON SHEET 18

NOTES:
COORDINATES SHOWN ABOVE ARE PROJECT COORDINATES. MULTIPLY PROJECT COORDINATES BY THE COMBINED SCALE FACTOR OF 0.9999620 TO OBTAIN ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD83 (2007).

* FIRST BERKSHIRE BUSINESS TRUST, 46.7309%;
R8-ELWOOD, LLC 23.4908%;
RONALD BENDERSON, RANDALL BENDERSON
AND DAVID H. BALDAUF AKA BENDERSON
R8-1 TRUST 24.1603%; B/B REAL ESTATES
ASSOCIATES 5.6182%.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHF0018	KRCV CORPORATION, A KANSAS CORPORATION	1.015	N/A	N/A	1.015	0.026	N/A	CONST.	18-16-301-010	
OHF0019		10.680	N/A	N/A	10.680	0.050	N/A	CONST.	18-16-301-011	
OHF0020	CFT DEVELOPMENTS, LLC A CALIFORNIA LIMITED LIABILITY CO.	0.620	N/A	N/A	0.620	0.030	N/A	CONST.	18-16-301-009	



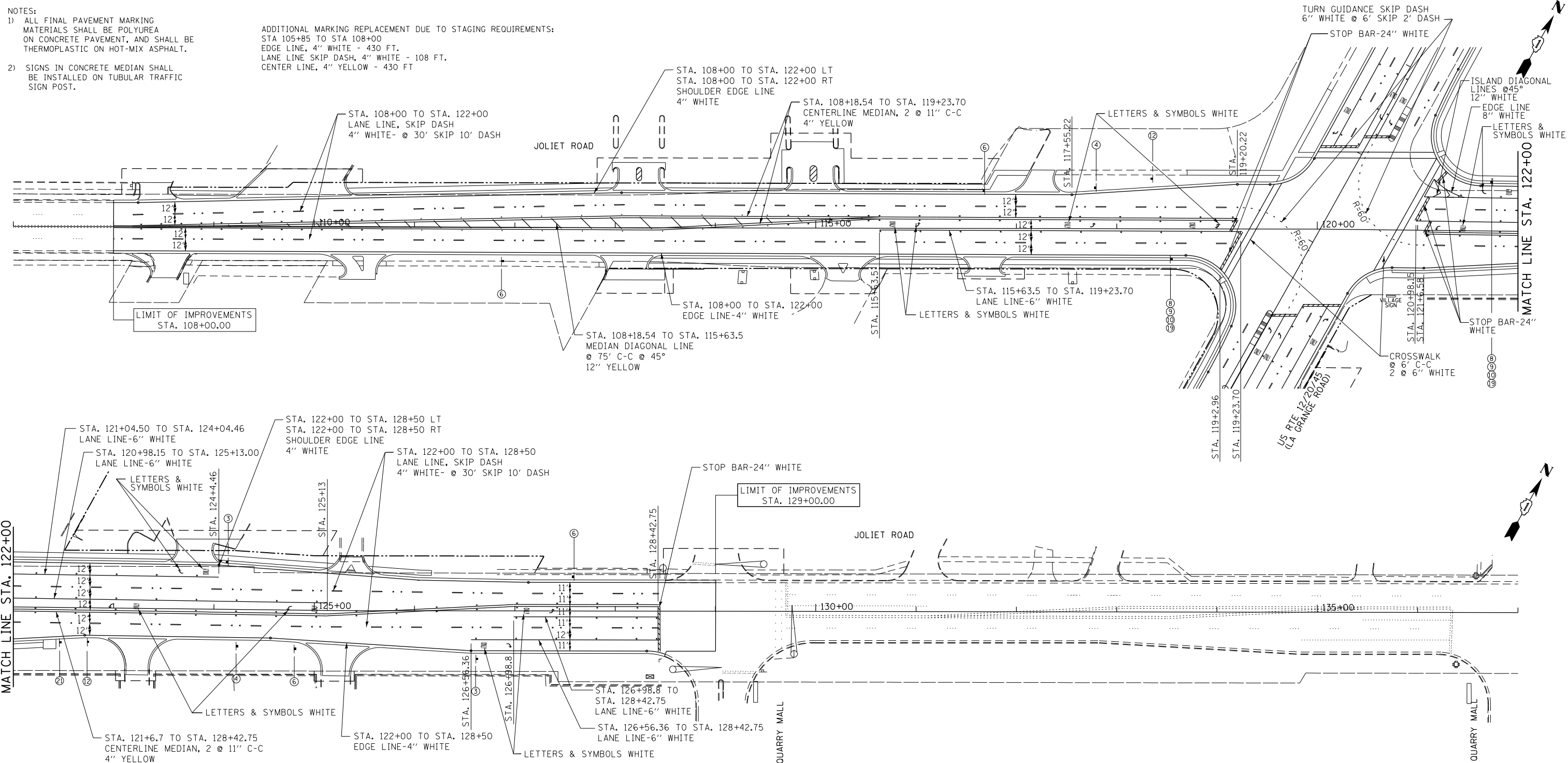


FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - BDH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL U.S. 1220/45 & JOLIET ROAD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - BCD	REVISED -		330	2010-082-1	COOK	152	69				
	PLOT DATE = #DATE#	CHECKED - BDH	REVISED -		CONTRACT NO. 60L73				ILLINOIS FED. AID PROJECT				
		DATE - 10-16-13	REVISED -	SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.				

NOTES:
 1) ALL FINAL PAVEMENT MARKING MATERIALS SHALL BE POLYUREA ON CONCRETE PAVEMENT, AND SHALL BE THERMOPLASTIC ON HOT-MIX ASPHALT.
 2) SIGNS IN CONCRETE MEDIAN SHALL BE INSTALLED ON TUBULAR TRAFFIC SIGN POST.

ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA 105+85 TO STA 108+00
 EDGE LINE, 4" WHITE - 430 FT.
 LANE LINE SKIP DASH, 4" WHITE - 108 FT.
 CENTER LINE, 4" YELLOW - 430 FT

TURN GUIDANCE SKIP DASH
 6" WHITE @ 6' SKIP 2' DASH



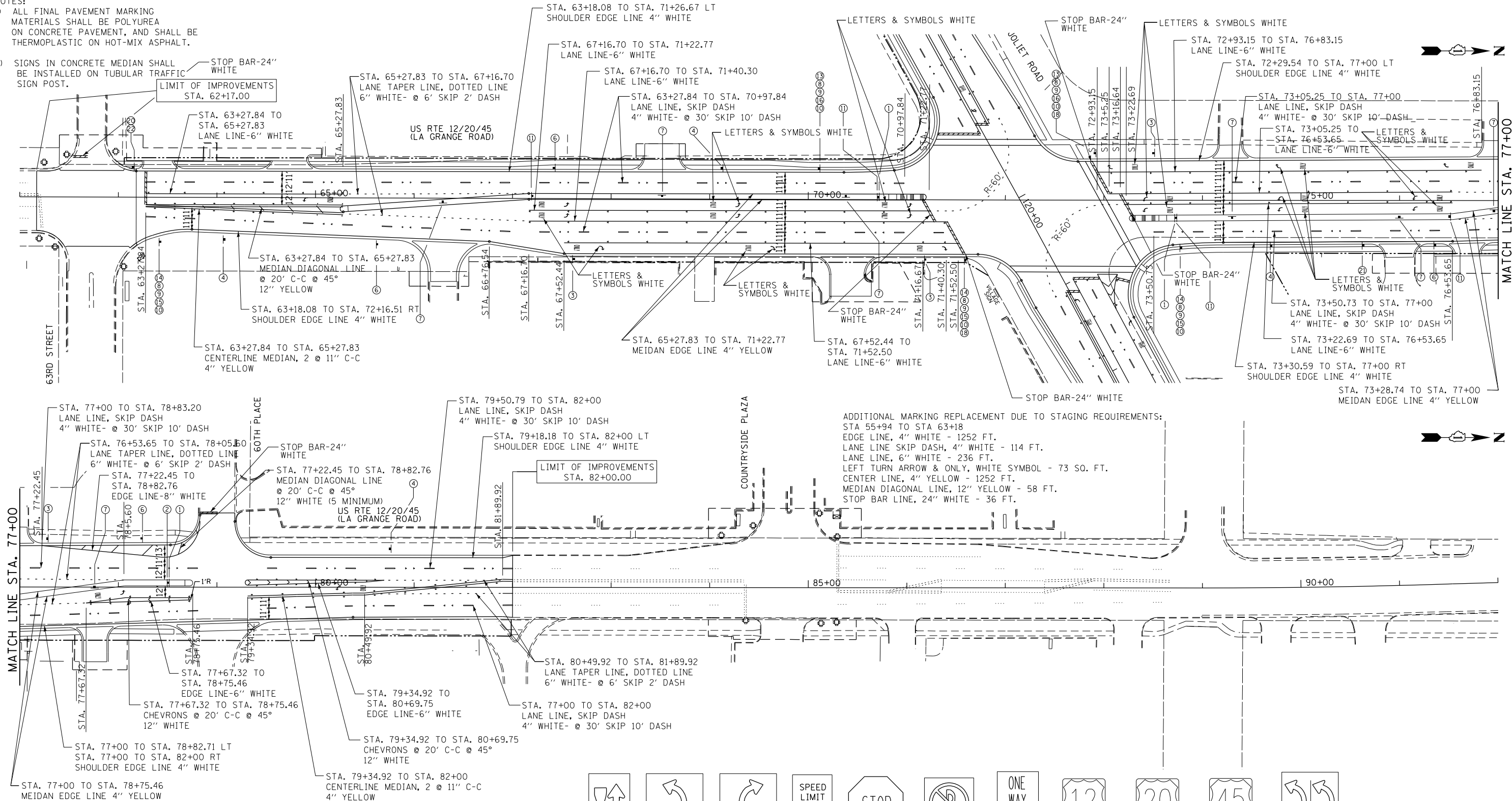
ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA 129+00 TO STA 135+85
 EDGE LINE, 4" WHITE - 1380 FT.
 LANE LINE SKIP DASH, 4" WHITE - 307 FT.
 LANE LINE, 6" WHITE - 141 FT.
 LEFT TURN ARROW & ONLY, WHITE SYMBOL - 73 SQ. FT.
 CENTER LINE, 4" YELLOW - 1228 FT.
 MEDIAN DIAGONAL, 12" YELLOW - 66 FT.
 STOP BAR LINE, 24" WHITE - 33 FT.

FILE NAME =	USER NAME = #USER#	DESIGNED - TA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE PLAN JOLIET ROAD			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 70
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - BCD	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 108+00 TO STA. 128+50	CONTRACT NO. 60L73				
	PLOT DATE = #DATE#	CHECKED - TA	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 10-16-13	REVISED -									

NOTES:

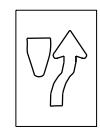
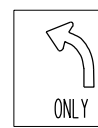

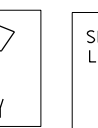





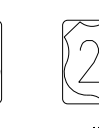
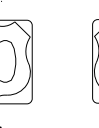











1) ALL FINAL PAVEMENT MARKING MATERIALS SHALL BE POLYUREA ON CONCRETE PAVEMENT, AND SHALL BE THERMOPLASTIC ON HOT-MIX ASPHALT.

2) SIGNS IN CONCRETE MEDIAN SHALL BE INSTALLED ON TUBULAR TRAFFIC SIGN POST.

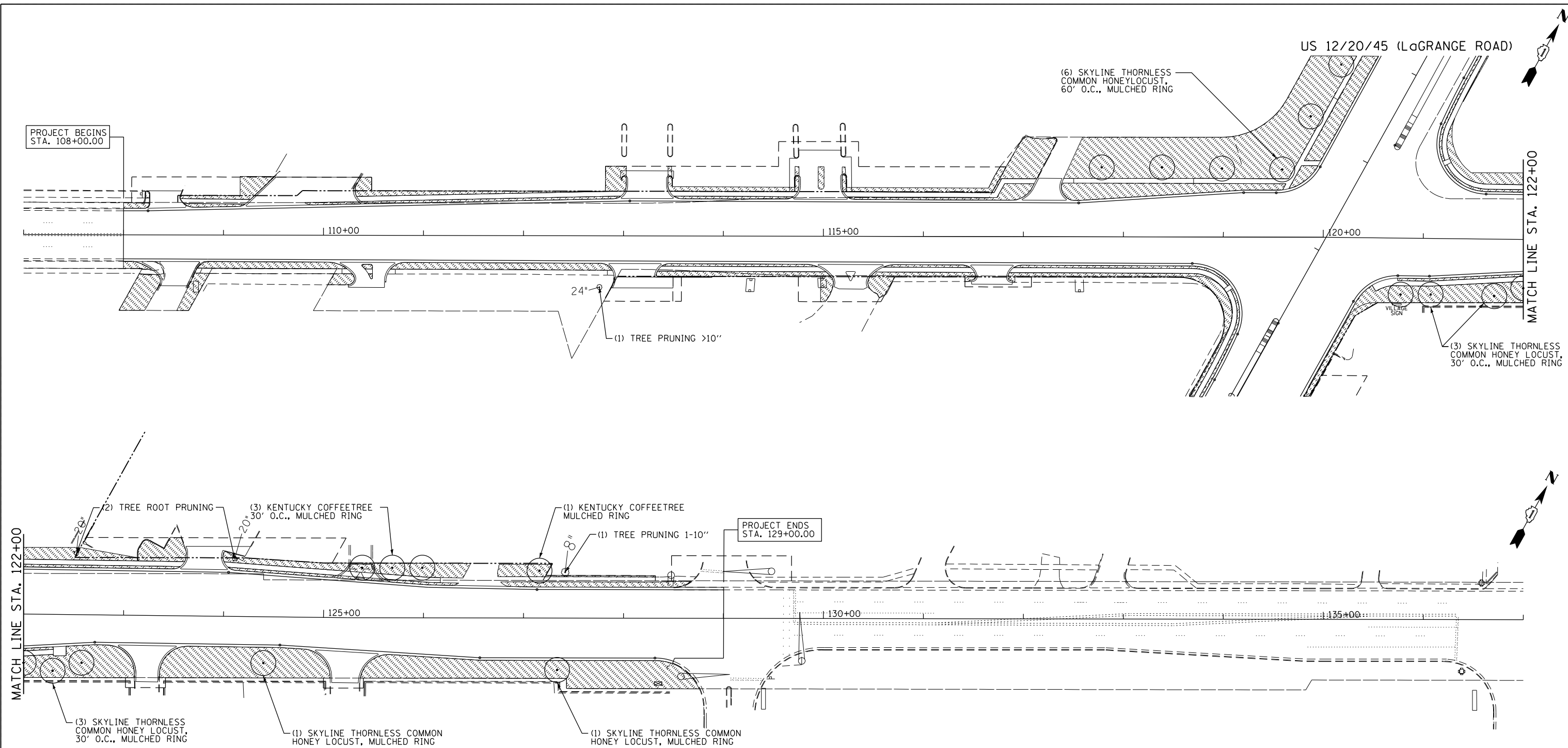


ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA 55+94 TO STA 63+18
 EDGE LINE, 4" WHITE - 1252 FT.
 LANE LINE SKIP DASH, 4" WHITE - 114 FT.
 LANE LINE, 6" WHITE - 236 FT.
 LEFT TURN ARROW & ONLY, WHITE SYMBOL - 73 SQ. FT.
 CENTER LINE, 4" YELLOW - 1252 FT.
 MEDIAN DIAGONAL LINE, 12" YELLOW - 58 FT.
 STOP BAR LINE, 24" WHITE - 36 FT.





ADDITIONAL MARKING REPLACEMENT DUE TO STAGING REQUIREMENTS:
 STA 82+00 TO STA 87+98
 LANE LINE SKIP DASH, 4" WHITE - 287 FT.
 LANE TAPER LINE SKIP DASH, 6" WHITE - 23 FT.
 LANE LINE, 6" WHITE - 425 FT.
 LEFT TURN ARROW & ONLY, WHITE SYMBOL - 213 SQ. FT.
 CENTER LINE, 4" YELLOW - 1146 FT.
 MEDIAN DIAGONAL LINE, 12" YELLOW - 46 FT.
 STOP BAR LINE, 24" WHITE - 87 FT.

										
R4-7 24" x 30"	R3-5(L) 24" x 30"	R3-5(R) 30" x 36"	R2-1 30" x 30"	R1-1 30" x 30"	B-3 30" x 30"	R6-2(R) 24" x 30"	M1-4 24" x 24"	M1-4 24" x 24"	M1-4 24" x 24"	30" x 30"
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
										
M-21 24" x 30"	M3-2 24" x 12"	M3-4 24" x 12"	M3-1 24" x 12"	M3-3 24" x 12"	M2-1 30" x 15"	M6-3 21" x 15"	M6-4 21" x 15"	D11-1102 24" x 24"	M0-0 18" x 18"	M6-1 (L) 21" x 15"
⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒

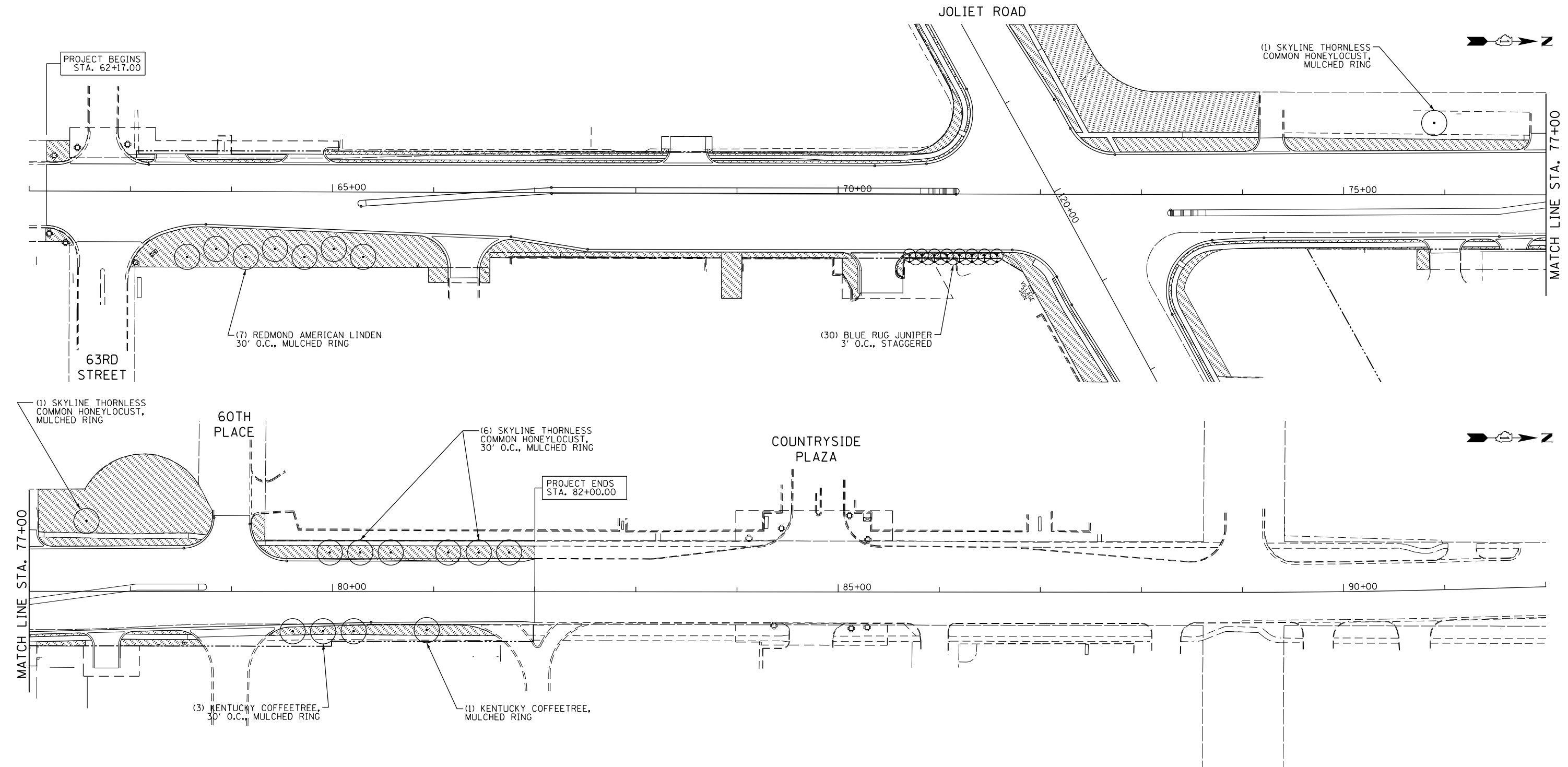
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		DATE - 10-16-13	REVISED -									






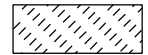
LEGEND

-  SHADE TREE CODE A
-  ORNAMENTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT

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		DATE - 10-16-13	REVISED -									



LEGEND

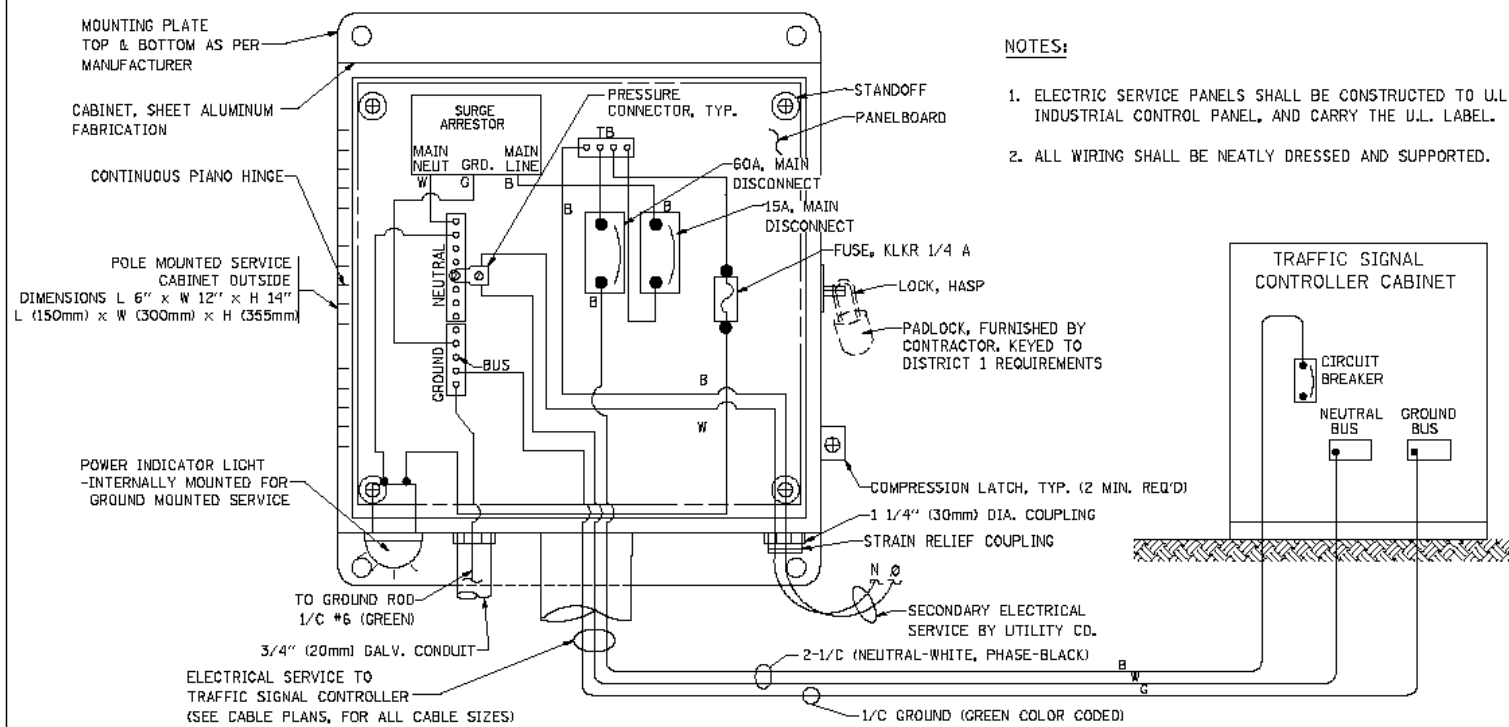
-  SHADE TREE CODE A
-  ORNAMENTAL TREE/SHRUB
-  EVERGREEN TREE
-  SODDING, SALT TOLERANT

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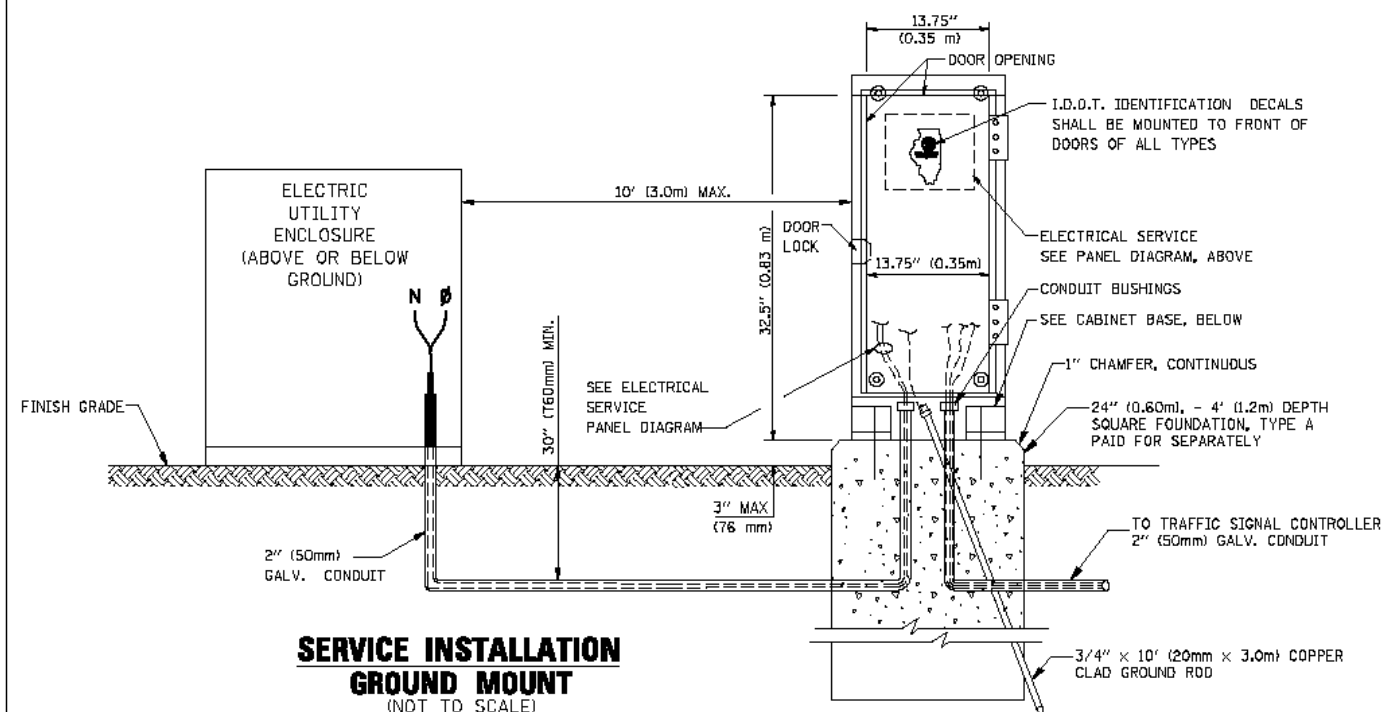
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN			
US RTE 12/20/45 (LAGRANGE ROAD)			
SCALE: 1" = 50'	SHEET NO. OF	SHEETS	STA. 62+00 TO STA. 92+00

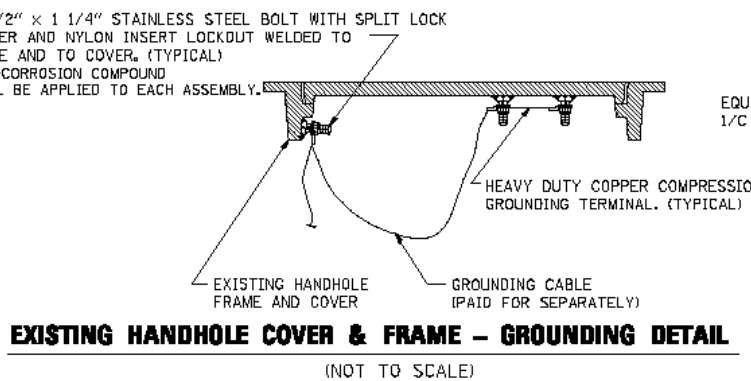
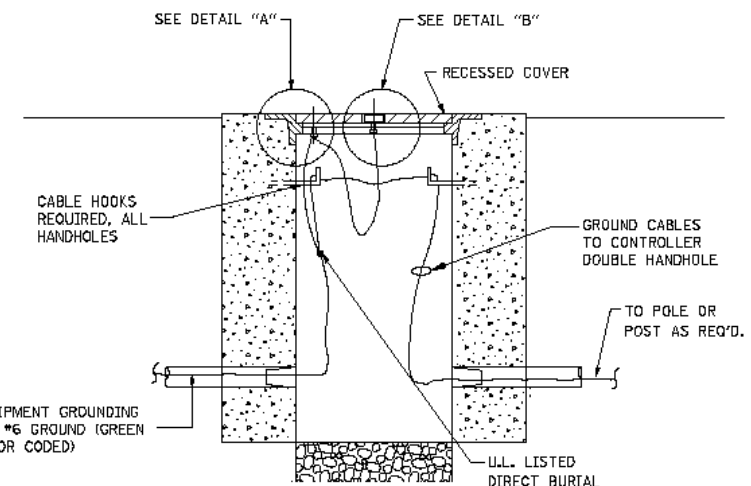
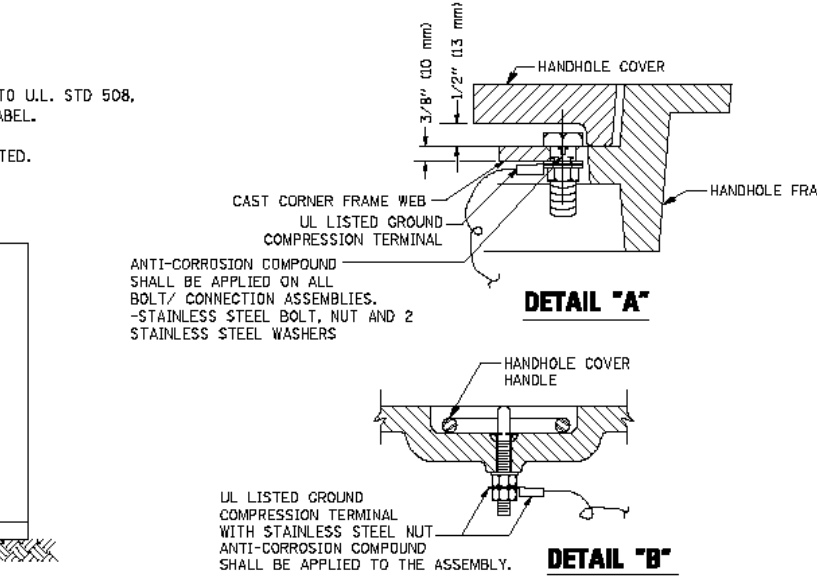
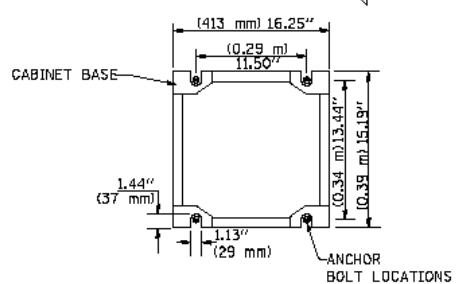
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CONTRACT NO. 60L73				ILLINOIS FED. AID PROJECT



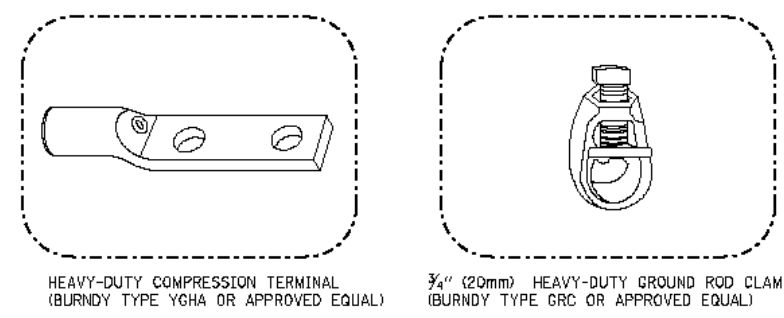
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



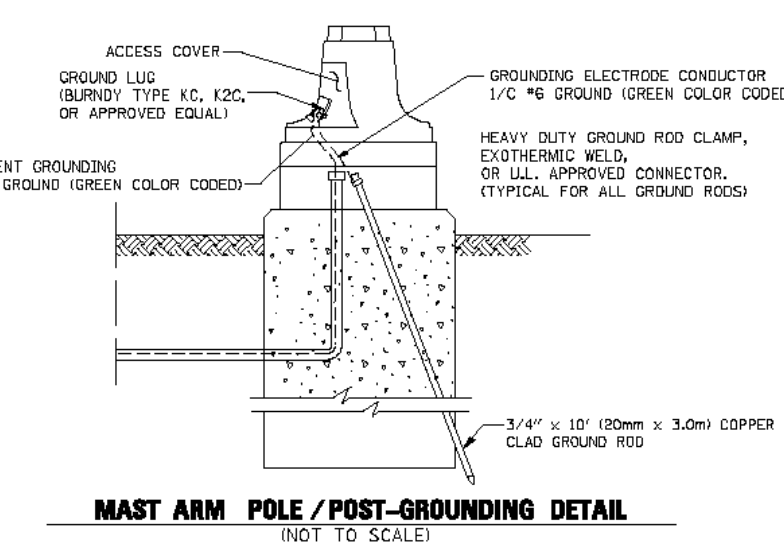
CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)

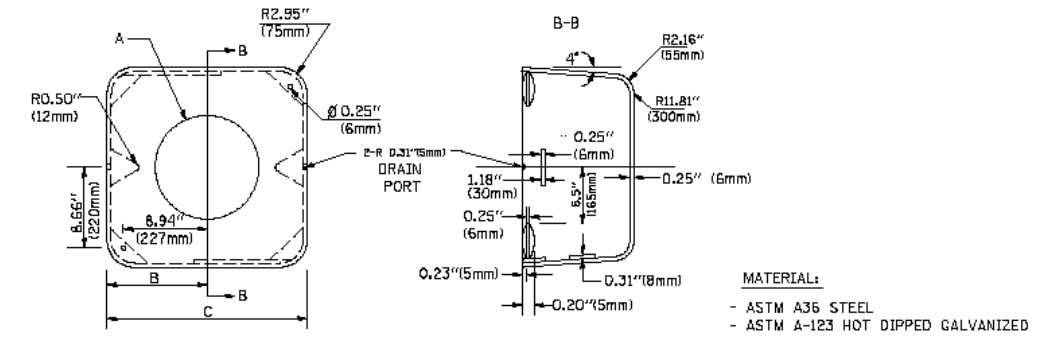
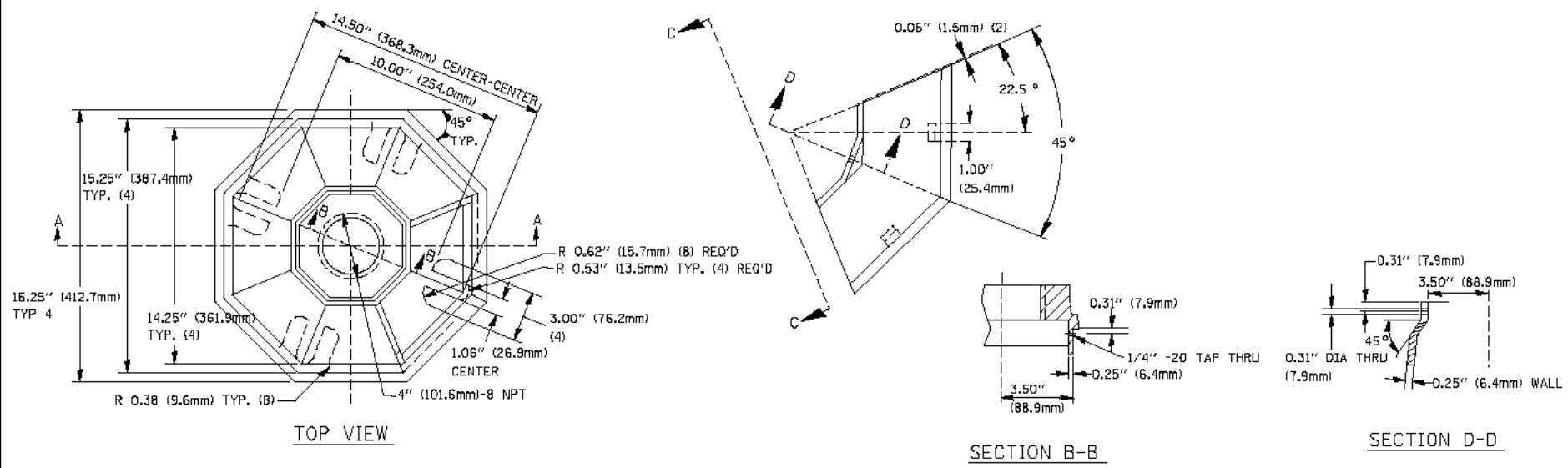


- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED 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.
 - 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.
 - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- 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.

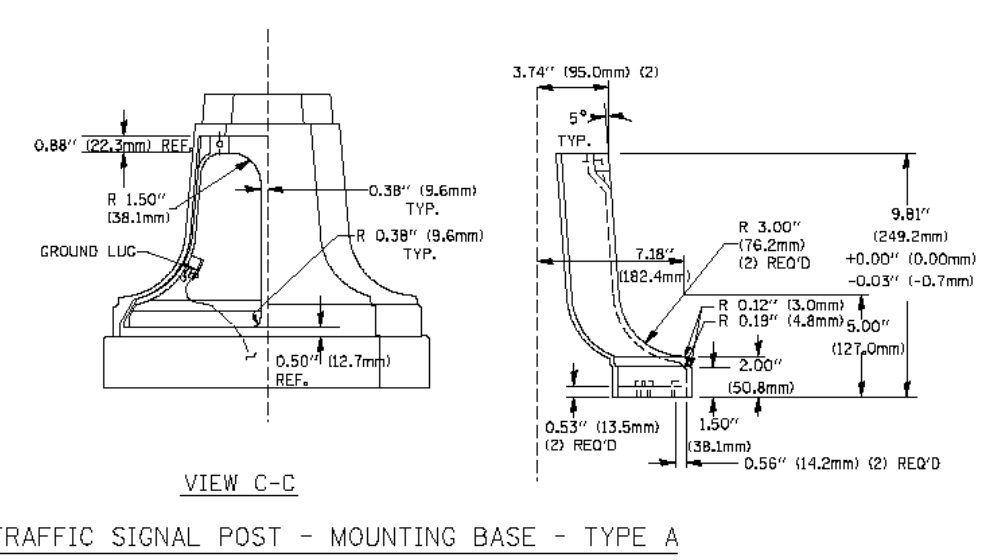
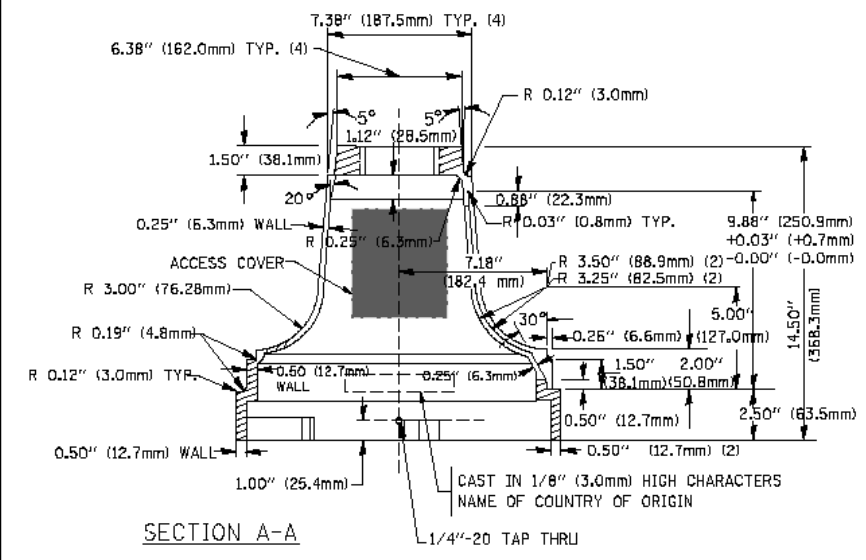




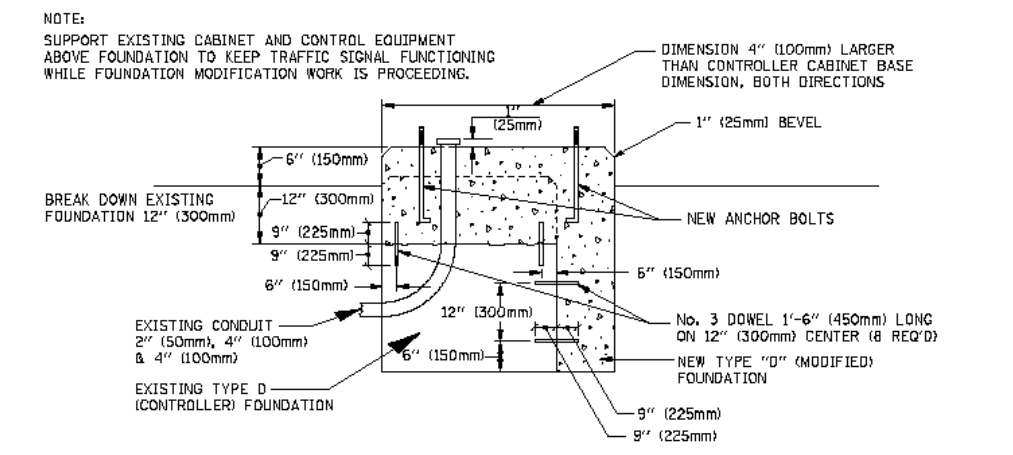
A	B	C	HEIGHT	WEIGHT
VARIES	9.5\" (241mm)	19\" (483mm)	7\" (178mm) - 12\" (300mm)	53 lbs (24kg)
VARIES	10.75\" (273mm)	21.5\" (546mm)	7\" (178mm) - 12\" (300mm)	68 lbs (31 kg)
VARIES	13.0\" (330mm)	26\" (660mm)	7\" (178mm) - 12\" (300mm)	81 lbs (37 kg)
VARIES	18.5\" (470mm)	37\" (940mm)	7\" (178mm) -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

NOTES:

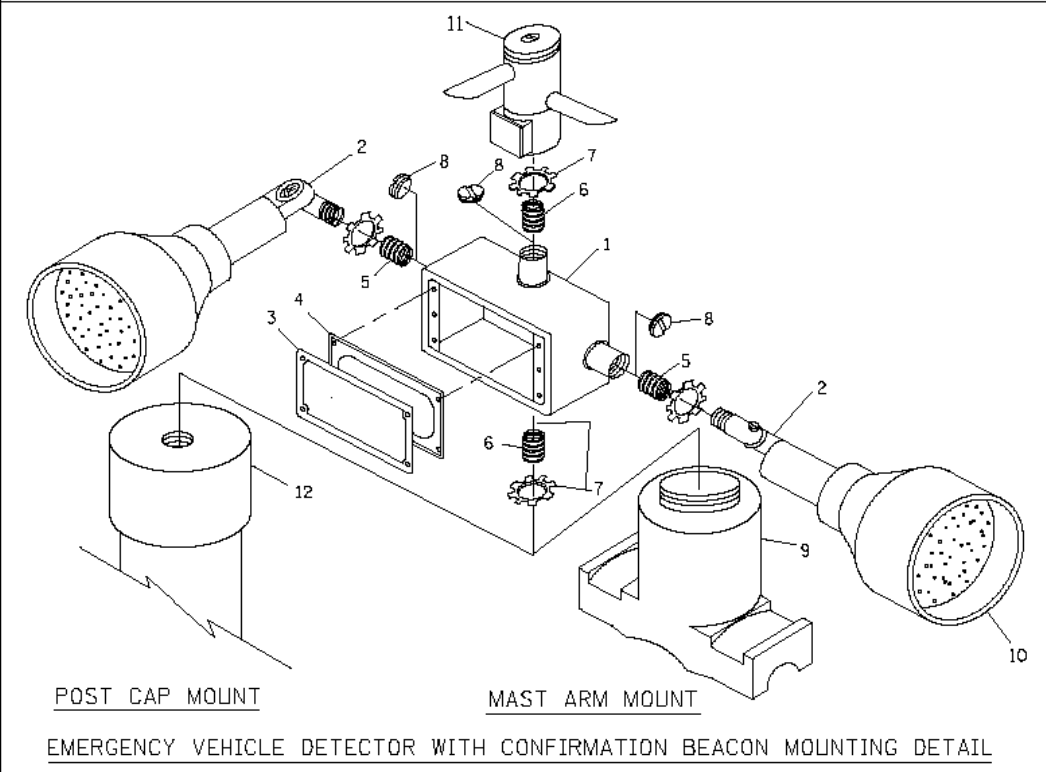
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



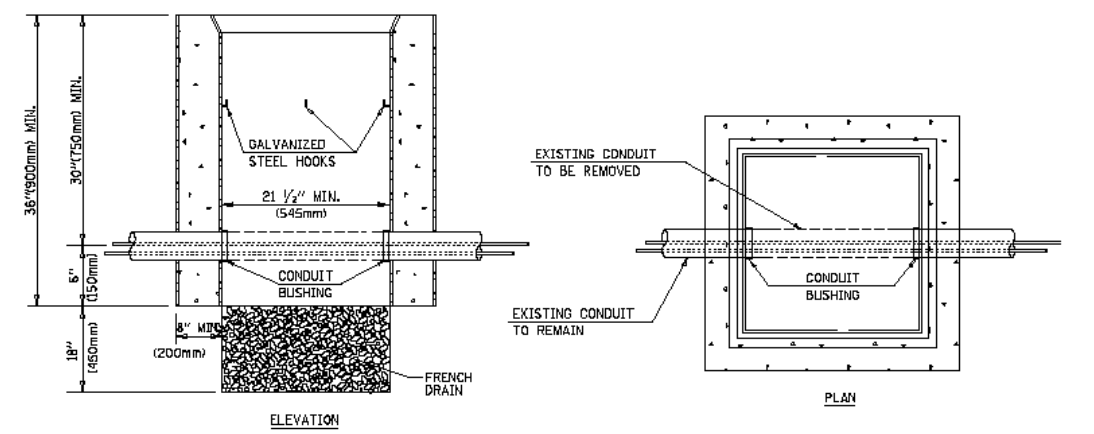
MODIFY EXISTING TYPE "D" FOUNDATION



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	3/4\" (19 mm) CLOSE NIPPLE
7	3/4\" (19 mm) LOCKNUT
8	3/4\" (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:

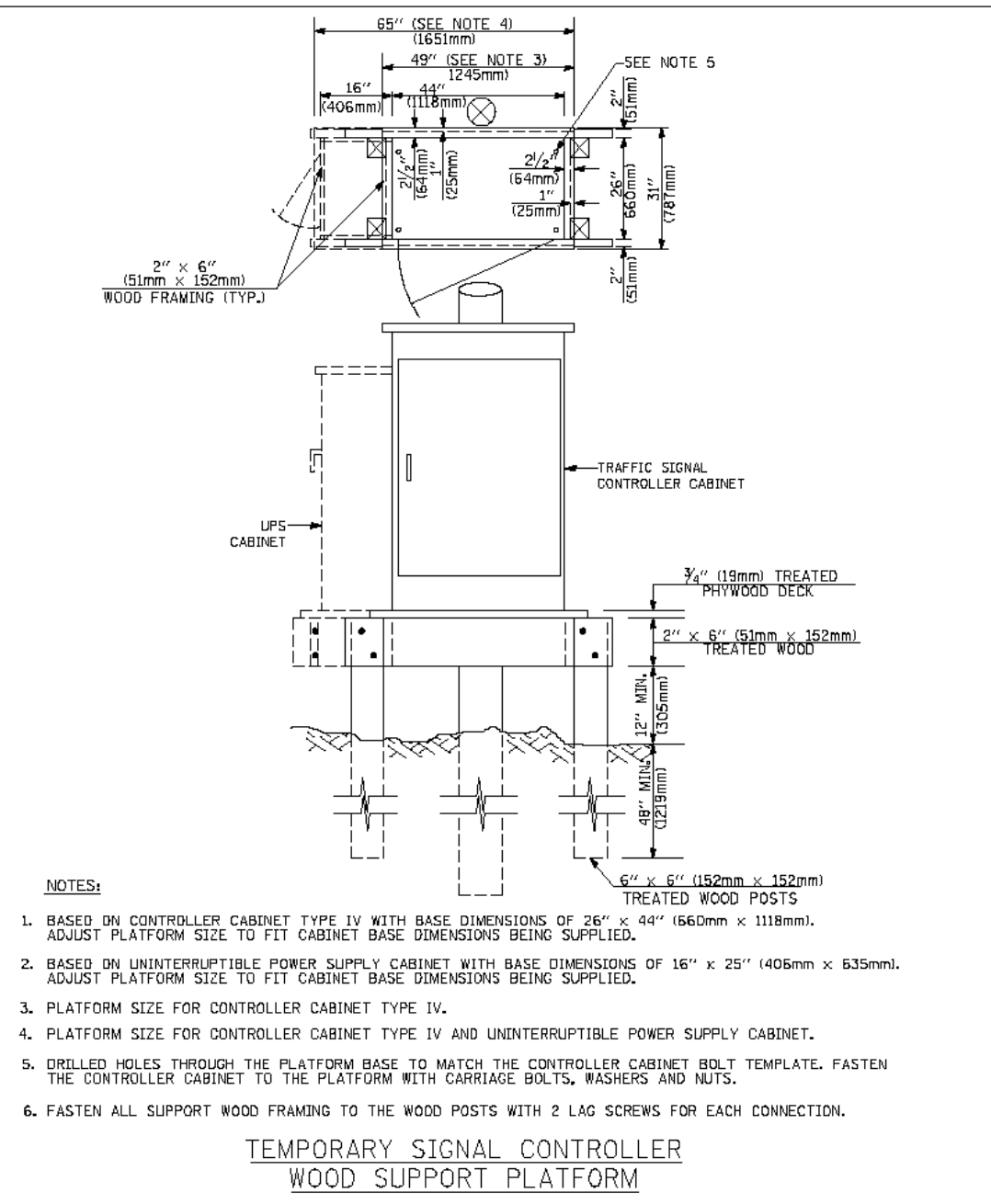
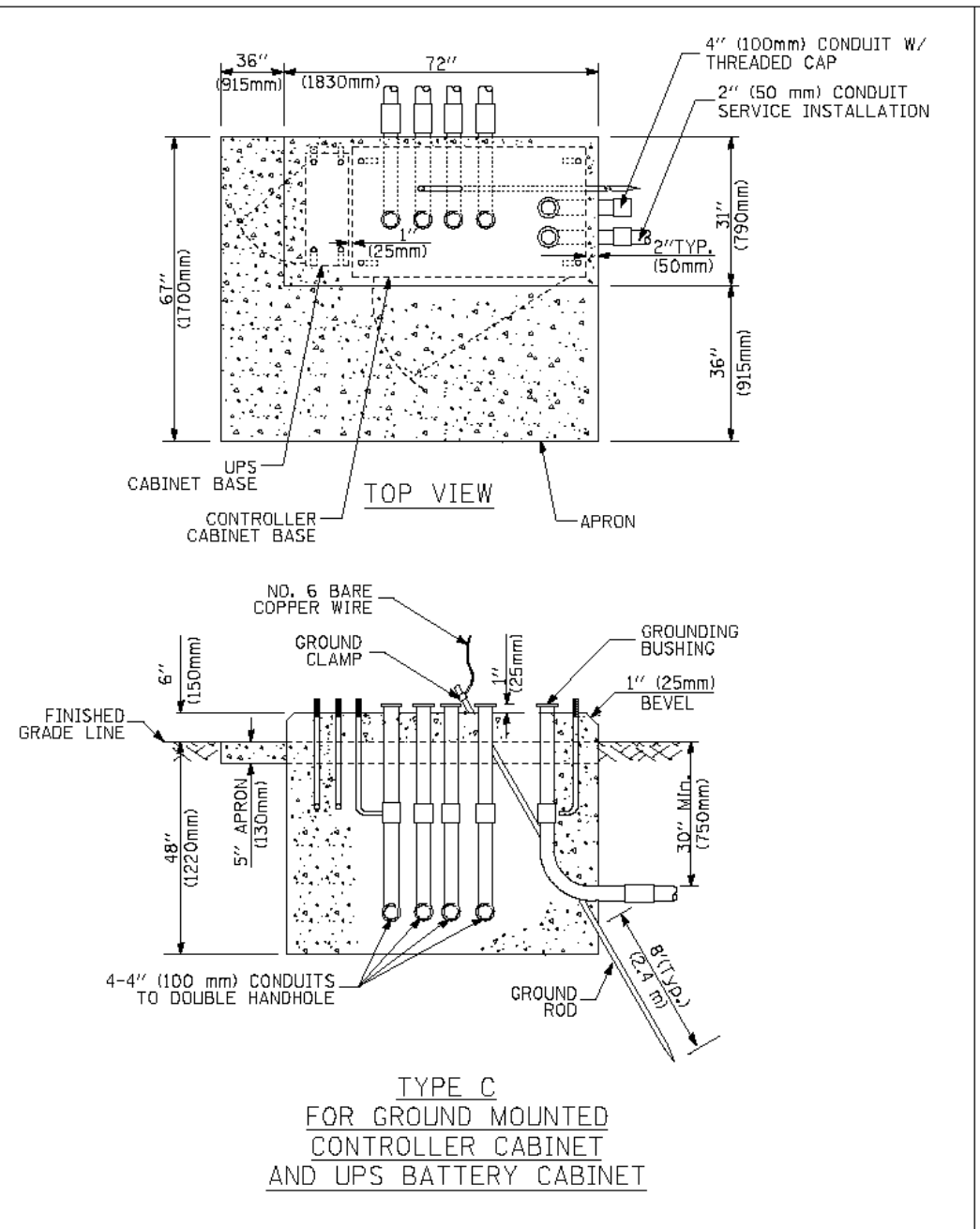
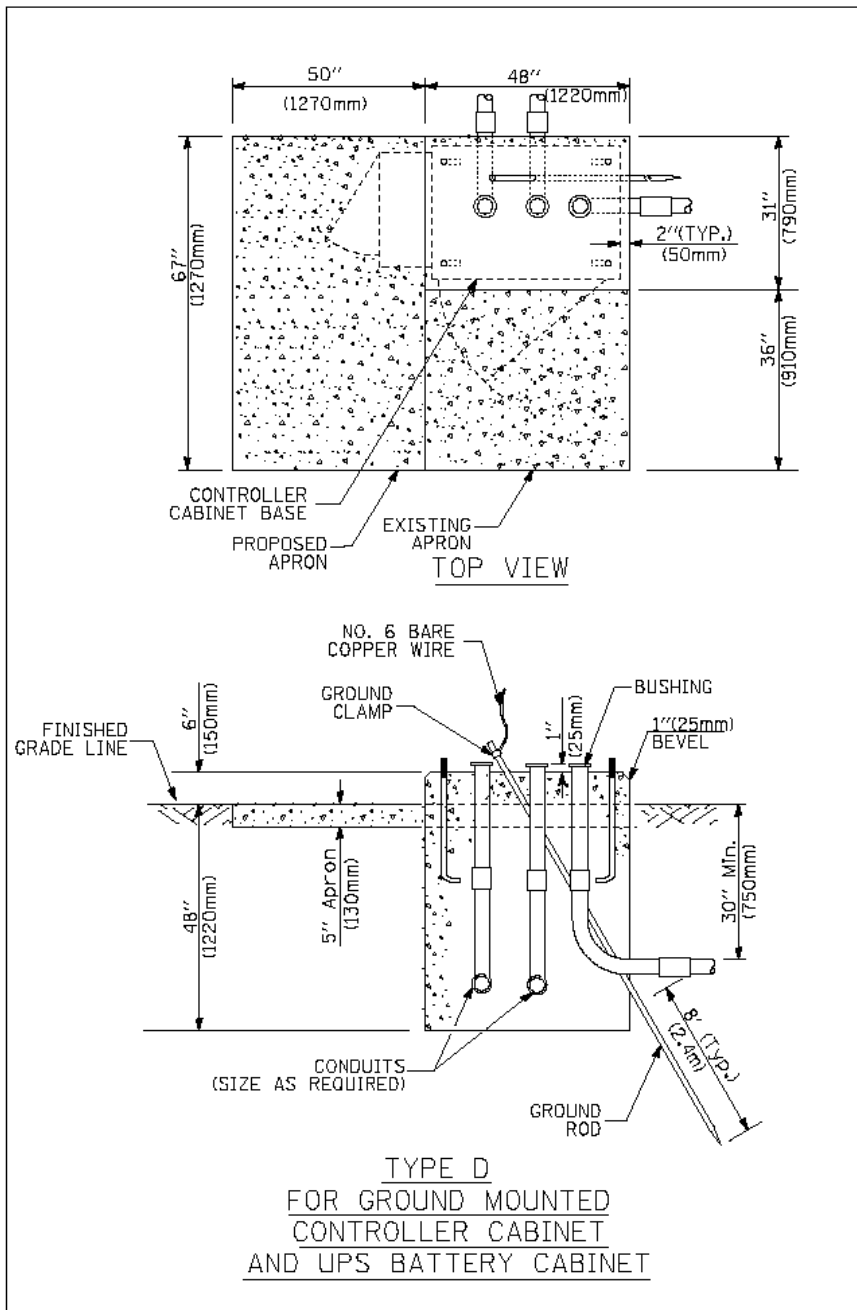
1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

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		CHECKED - DAD	REVISED -
		DATE - 10/28/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 77
SCALE: SHEET NO. 4 OF 6 SHEETS		STA. TO STA.		CONTRACT NO. 60L73
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES:**
- 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.
 - 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.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 - 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.
 - FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

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	1.5

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

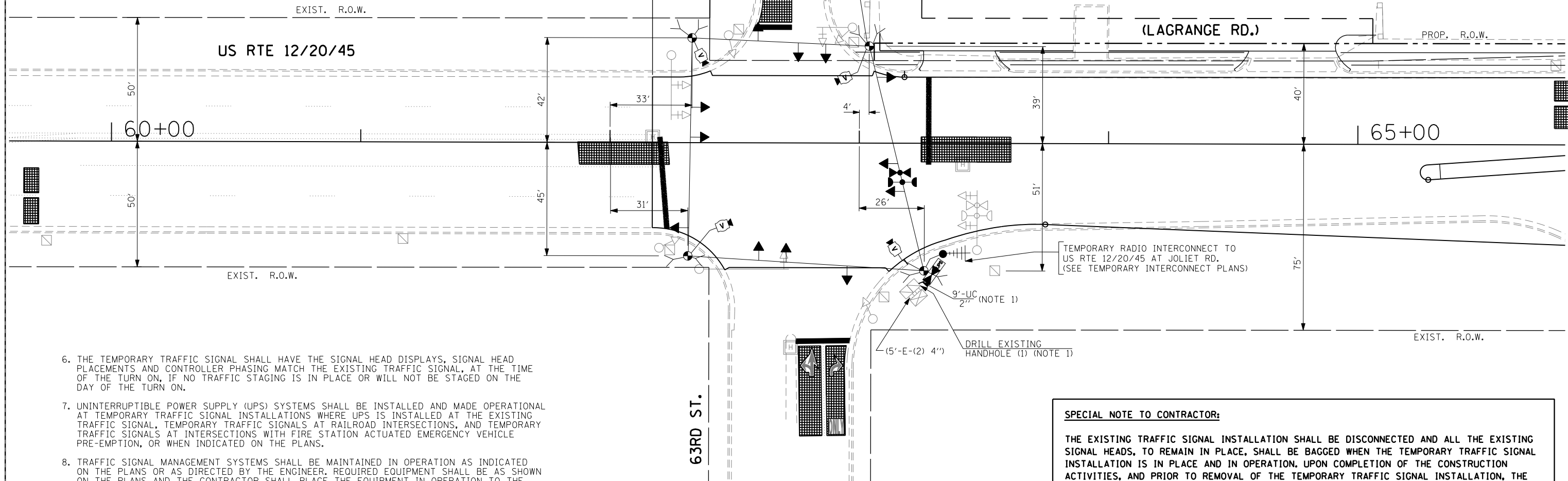
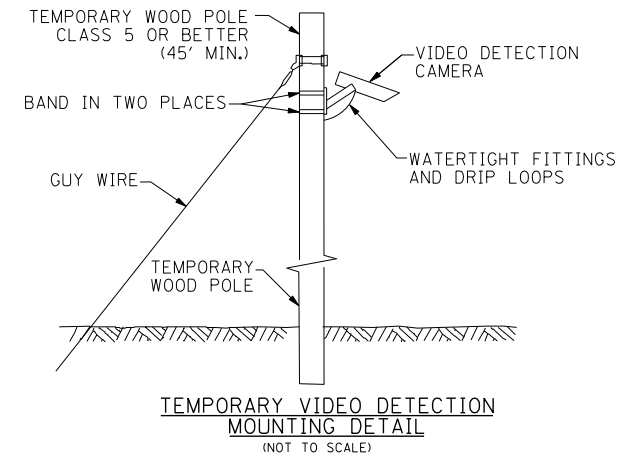
Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or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

- NOTES:**
- 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.
 - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 - For mast arm assemblies with dual arms refer to state standard B78001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.



6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

TEMPORARY TRAFFIC SIGNAL PLAN - PRE-STAGE

NOTE 1: INSTALL TEMPORARY INTERCONNECT CABLE NO. 62.5/125 MM12F SM12F BETWEEN THE EXISTING CONTROLLER CABINET AND THE TEMPORARY CONTROLLER CABINET, FOR THE PURPOSE OF MAINTAINING EXISTING INTERCONNECT SYSTEM. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

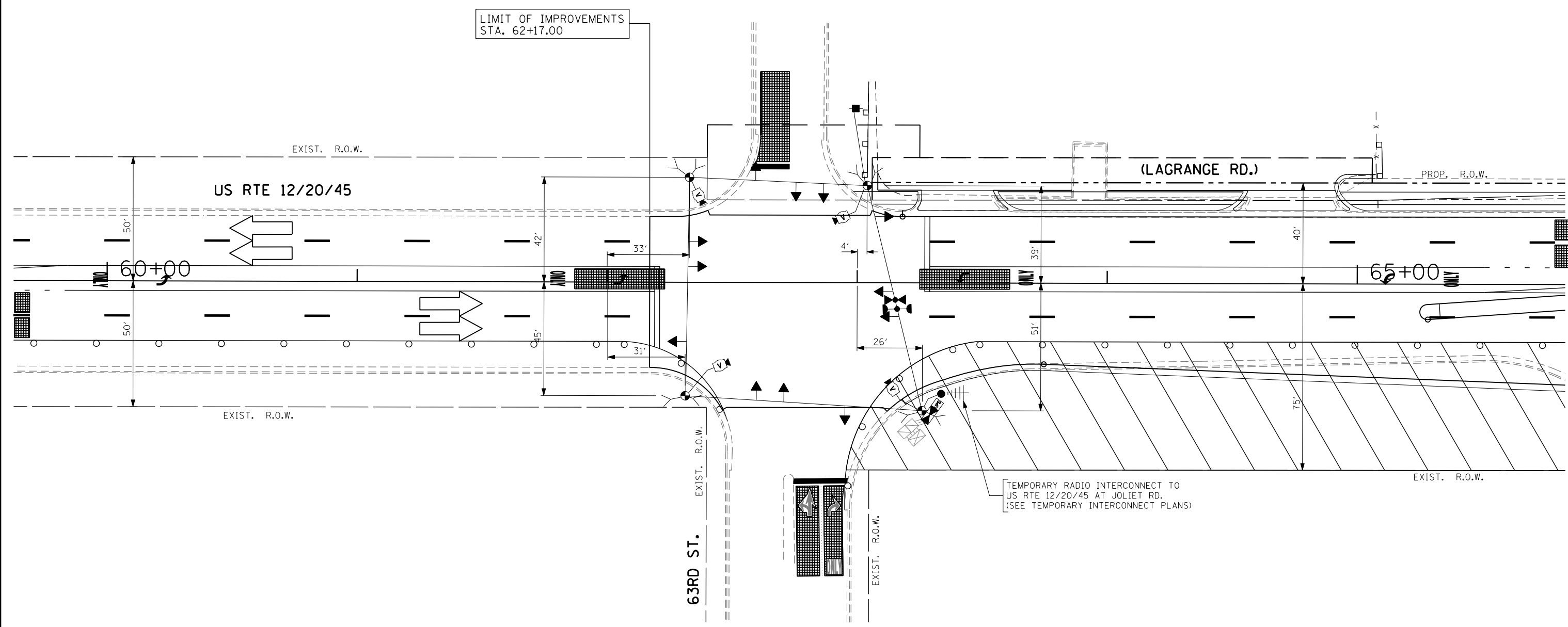
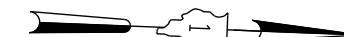
NOTE 2: PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL TEST FOR RADIO FREQUENCY INTERFERENCE PRIOR TO USING "RADIO INTERCONNECT"; A COPY OF RESULTS WILL BE PROVIDED TO THE BUREAU OF TRAFFIC OPERATIONS FOR RECORD.

SPECIAL NOTE TO CONTRACTOR:

THE EXISTING TRAFFIC SIGNAL INSTALLATION SHALL BE DISCONNECTED AND ALL THE EXISTING SIGNAL HEADS, TO REMAIN IN PLACE, SHALL BE BAGGED WHEN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION IS IN PLACE AND IN OPERATION. UPON COMPLETION OF THE CONSTRUCTION ACTIVITIES, AND PRIOR TO REMOVAL OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION, THE EXISTING TRAFFIC SIGNAL HEADS SHALL BE UNBAGGED AND THE EXISTING TRAFFIC SIGNAL INSTALLATION SHALL BE MADE OPERATIONAL AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

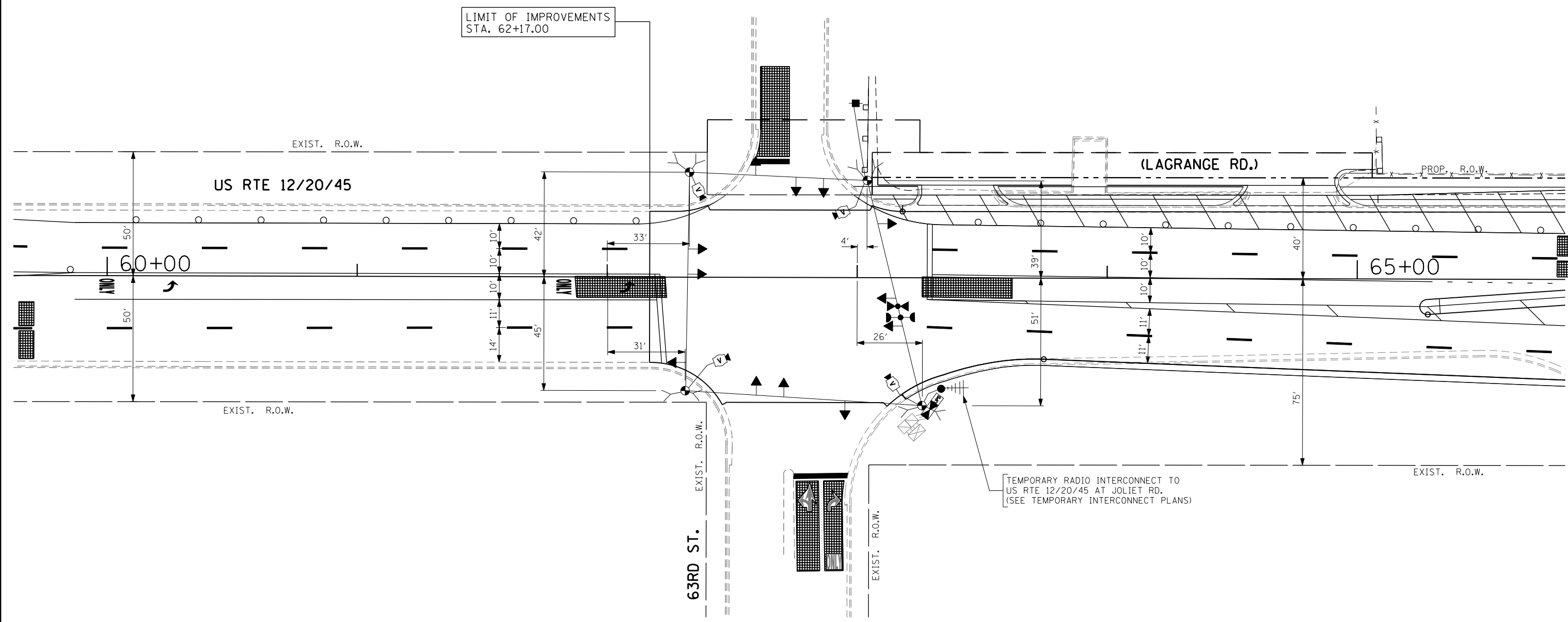
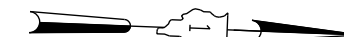
FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN US RTE 12/20/45 (LAGRANGE RD.) AT 63RD STREET PRE-STAGE (SHEET 1 OF 4)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 80
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	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -					CONTRACT NO. 60L73				
		DATE - 8/28/2013	REVISED -									



TEMPORARY TRAFFIC SIGNAL PLAN - STAGE I

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

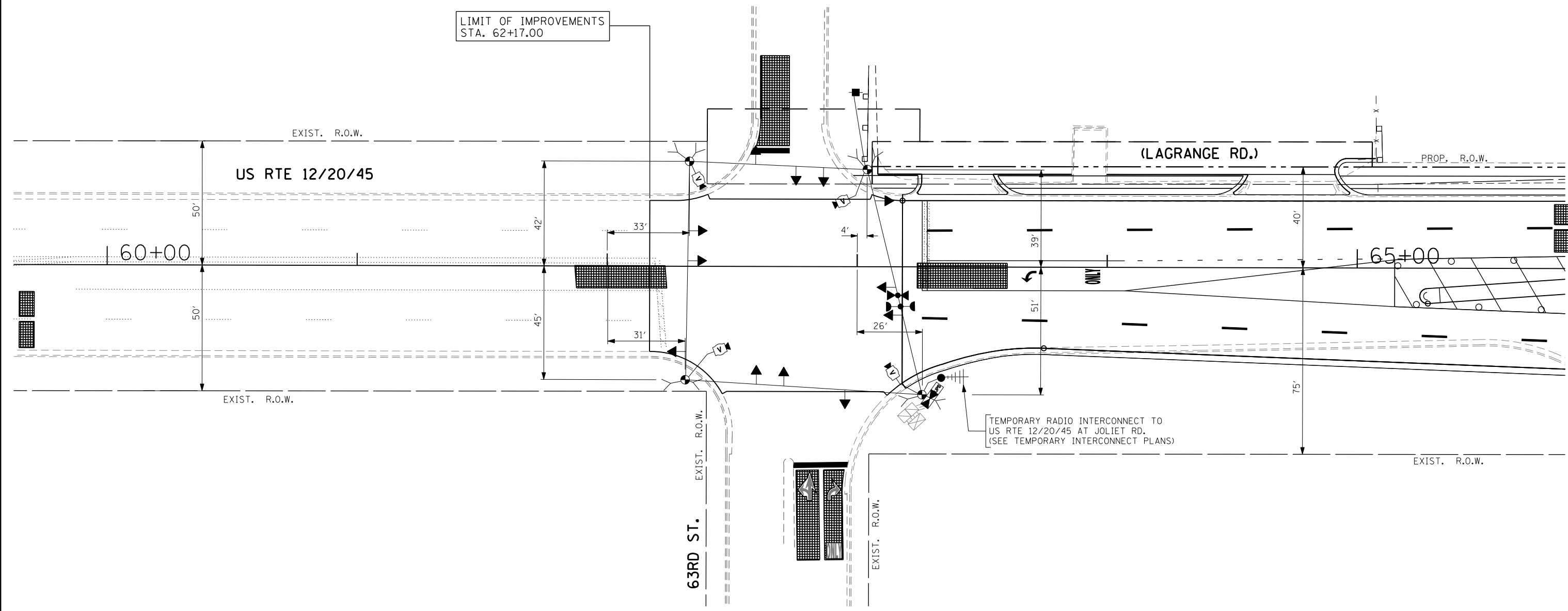
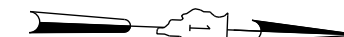
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION US RTE 12/20/45 (LAGRANGE RD.) AT 63RD STREET STAGE 1 (SHEET 2 OF 4)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 81
	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60L73		
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							
	DATE - 8/28/2013	REVISED -										



TEMPORARY TRAFFIC SIGNAL PLAN - STAGE II

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = *USER*	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION US RTE 12/20/45 (LAGRANGE RD.) AT 63RD STREET STAGE 2 (SHEET 3 OF 4)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 82
#FILEL*	PLOT SCALE = *SCALE*	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60L73		
	PLOT DATE = *DATE*	CHECKED - PKG	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							
		DATE - 8/28/2013	REVISED -									

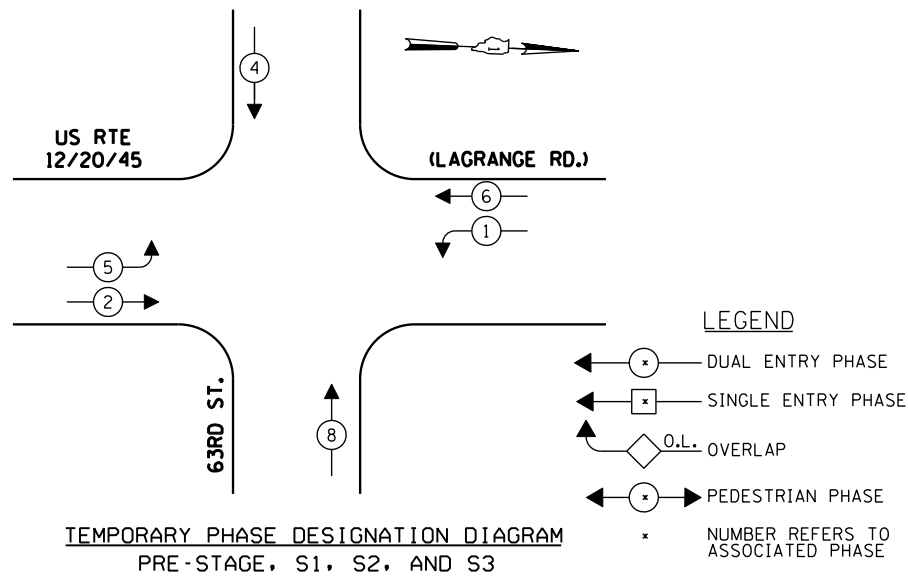


TEMPORARY TRAFFIC SIGNAL PLAN - STAGE III

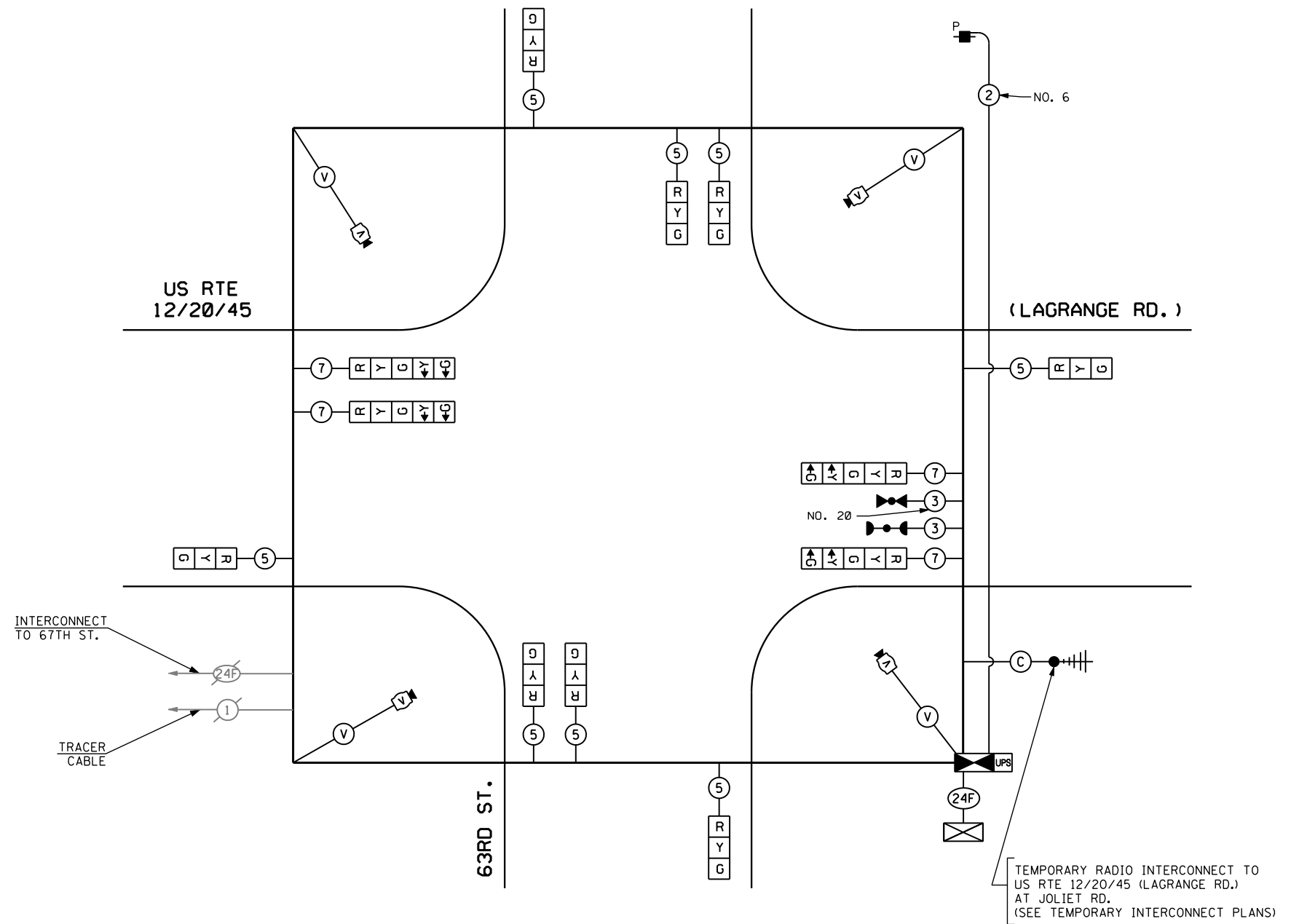
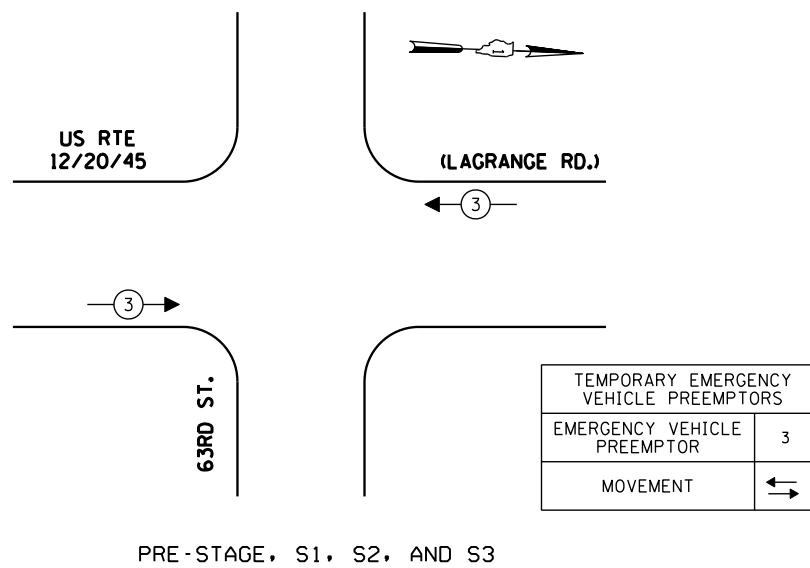
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION US RTE 12/20/45 (LAGRANGE RD.) AT 63RD STREET STAGE 3 (SHEET 4 OF 4)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 83
	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60L73		
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -		DATE - 8/28/2013	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						

CONTROLLER SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY CABLE PLAN

(NOT TO SCALE)

PRE-STAGE, S1, S2, AND S3

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION		
		INCAND.	LED			
SIGNAL (RED)	12	135	17	0.50	102.0	
(YELLOW)	12	135	25	0.25	75.0	
(GREEN)	12	135	15	0.25	45.0	
ARROW	8	135	12	0.10	9.6	
PED. SIGNAL	-	90	25	1.00	-	
CONTROLLER	1	100	100	1.00	100.0	
ILLUM. SIGN	-	-	-	0.05	-	
VIDEO SYSTEM	1	150	-	1.00	150.0	
FLASHER	-	-	-	0.50	-	
ENERGY COSTS TO:					TOTAL =	481.6
CITY OF COUNTRYSIDE, ILLINOIS 5550 EAST AVENUE COUNTRYSIDE, ILLINOIS 60525						
ENERGY SUPPLY CONTACT: DOLORES KREMNIETZ PHONE: (815) 724-5241 COMPANY: COMMONWEALTH EDISON						

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

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 CONTRACTOR'S BID PRICE.

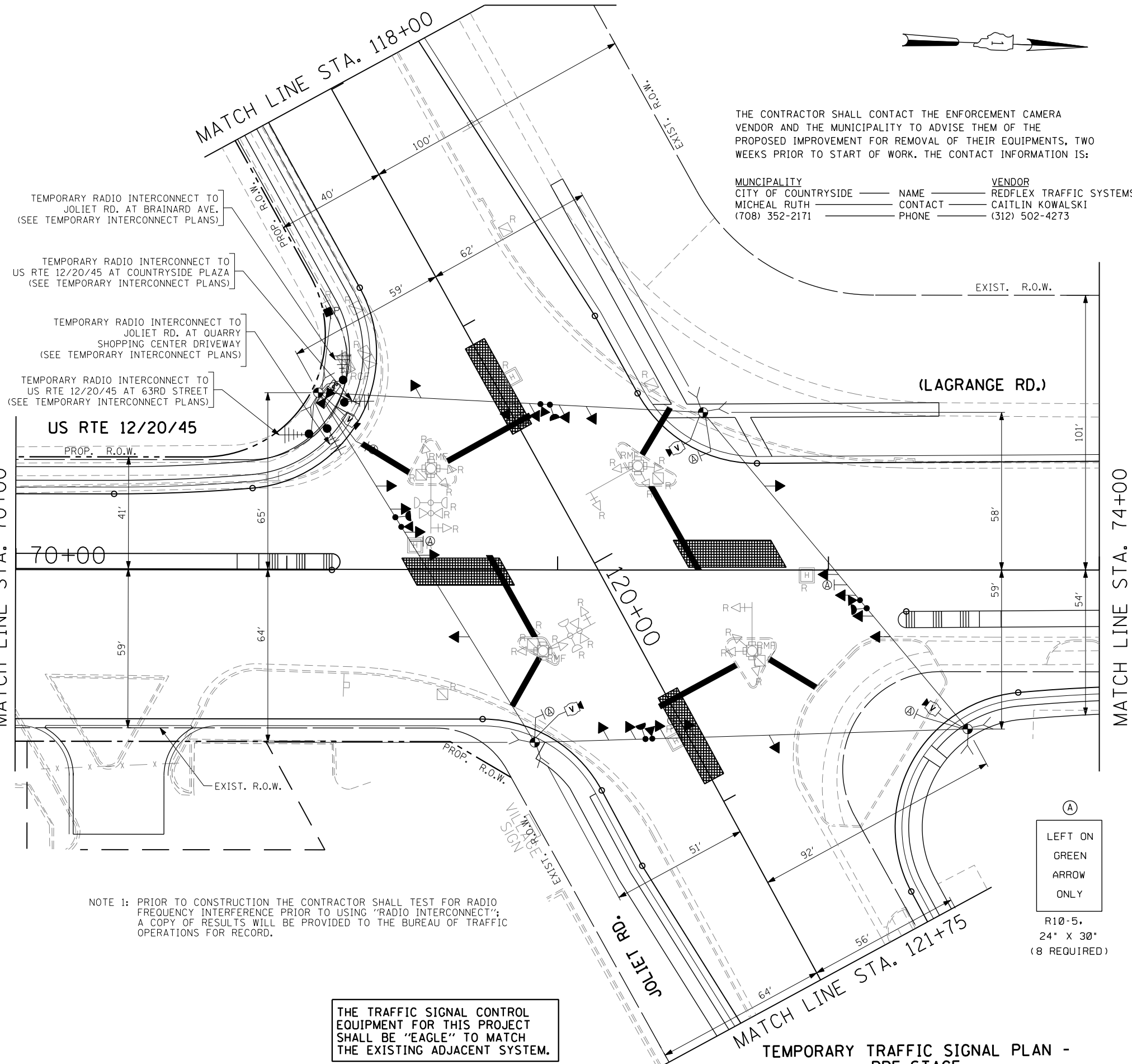
1	EACH	CONTROLLER AND CABINET COMPLETE
4	EACH	SIGNAL HEAD, 1-FACE 5-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, 3-FACE, 1-3 SECTION, 2-5 SECTION, MAST ARM MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: CITY OF COUNTRYSIDE

CONTACT INFORMATION:
MICHAEL RUTH
CITY OF COUNTRYSIDE
PHONE: (708) 352-2171

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER



THE CONTRACTOR SHALL CONTACT THE ENFORCEMENT CAMERA VENDOR AND THE MUNICIPALITY TO ADVISE THEM OF THE PROPOSED IMPROVEMENT FOR REMOVAL OF THEIR EQUIPMENTS, TWO WEEKS PRIOR TO START OF WORK. THE CONTACT INFORMATION IS:

MUNICIPALITY	NAME	VENDOR
CITY OF COUNTRYSIDE	MICHAEL RUTH	REDFLEX TRAFFIC SYSTEMS
	CONTACT	CAITLIN KOWALSKI
	PHONE	(312) 502-4273

NOTE 1: PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL TEST FOR RADIO FREQUENCY INTERFERENCE PRIOR TO USING "RADIO INTERCONNECT"; A COPY OF RESULTS WILL BE PROVIDED TO THE BUREAU OF TRAFFIC OPERATIONS FOR RECORD.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

(A)
LEFT ON
GREEN
ARROW
ONLY
R10-5,
24" X 30"
(8 REQUIRED)

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN US RTE 12/20/45 (LAGRANGE RD.) AT JOLIET ROAD PRE-STAGE (SHEET 1 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 85
#FILE#	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60L73		
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -							ILLINOIS FED. AID PROJECT		
		DATE - 8/28/2013	REVISED -									

TEMPORARY RADIO INTERCONNECT TO
JOLIET RD. AT BRAINARD AVE.
(SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO
US RTE 12/20/45 AT COUNTRYSIDE PLAZA
(SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO
JOLIET RD. AT QUARRY SHOPPING CENTER DRIVEWAY
(SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO
US RTE 12/20/45 AT 63RD STREET
(SEE TEMPORARY INTERCONNECT PLANS)

US RTE 12/20/45

PROP. R.O.W.

70+00

120+00

(LAGRANGE RD.)

EXIST. R.O.W.

EXIST. R.O.W.

(A)
LEFT ON
GREEN
ARROW
ONLY

R10-5,
24" X 30"
(8 REQUIRED)

THE FAR OUT VIDEO DETECTION ZONES WILL
BE MAINTAINED AS SHOWN ON SHEET NO. 82

THE TRAFFIC SIGNAL CONTROL
EQUIPMENT FOR THIS PROJECT
SHALL BE "EAGLE" TO MATCH
THE EXISTING ADJACENT SYSTEM.

NOTE 1: THE FAR OUT VIDEO DETECTION ZONES SHALL BE REDEFINED
FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY
TRAFFIC SIGNAL INSTALLATION" WORK.

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 122045 (LAGRANGE RD.) AT JOLIET ROAD STAGE 1 (SHEET 3 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 87
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -					CONTRACT NO. 60L73				
		DATE - 8/28/2013	REVISED -									

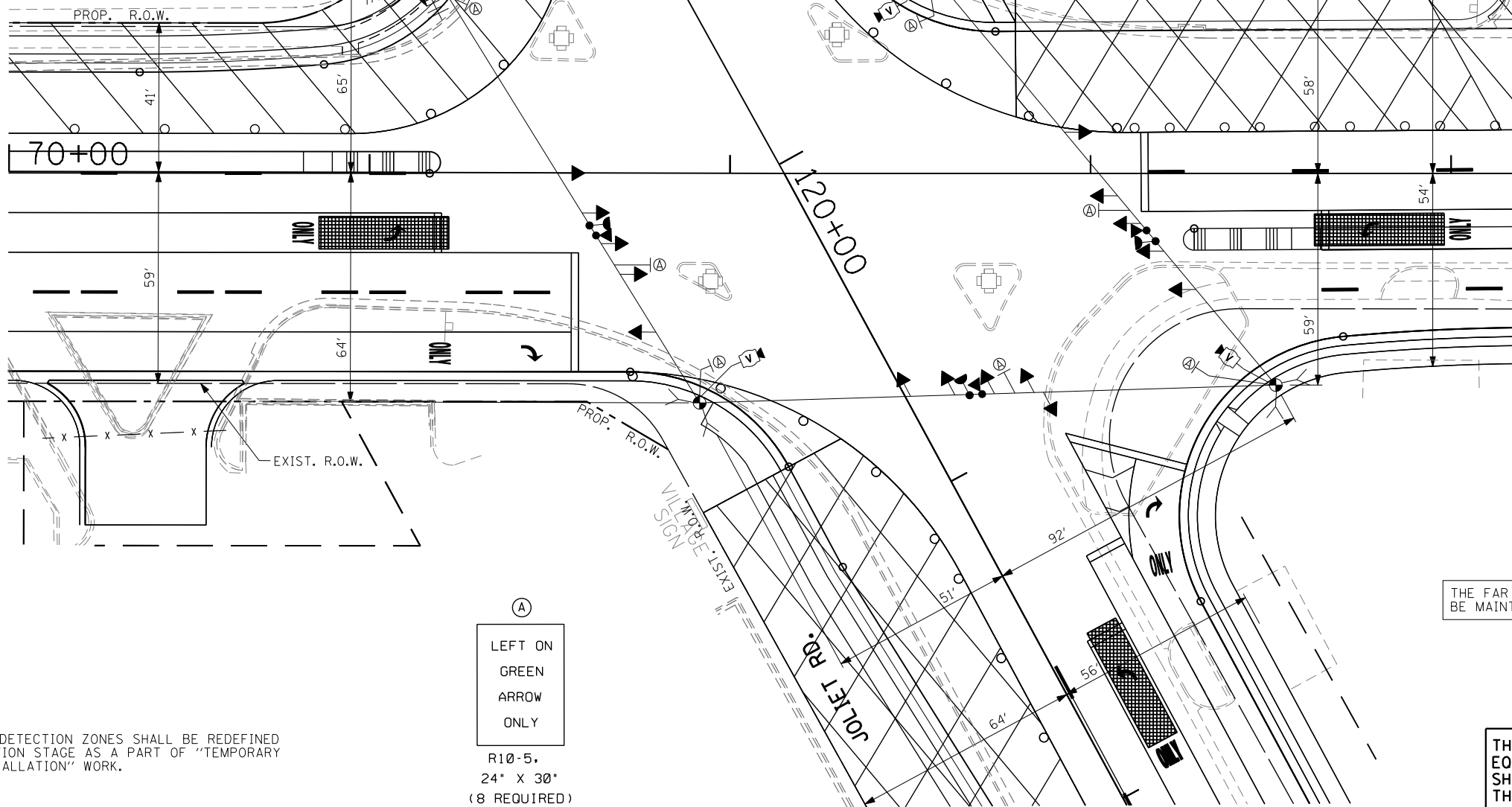
TEMPORARY RADIO INTERCONNECT TO JOLIET RD. AT BRAINARD AVE. (SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO US RTE 12/20/45 AT COUNTRYSIDE PLAZA (SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO JOLIET RD. AT QUARRY SHOPPING CENTER DRIVEWAY (SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO US RTE 12/20/45 AT 63RD STREET (SEE TEMPORARY INTERCONNECT PLANS)

US RTE 12/20/45



NOTE 1: THE FAR OUT VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

(A)
LEFT ON
GREEN
ARROW
ONLY
R10-5,
24" X 30"
(8 REQUIRED)

THE FAR OUT VIDEO DETECTION ZONES WILL BE MAINTAINED AS SHOWN ON SHEET NO. 82

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 122045 (LAGRANGE RD.) AT JOLIET ROAD STAGE 2 (SHEET 4 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 88
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1"= 20'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -					CONTRACT NO. 60L73				
		DATE - 8/28/2013	REVISED -									

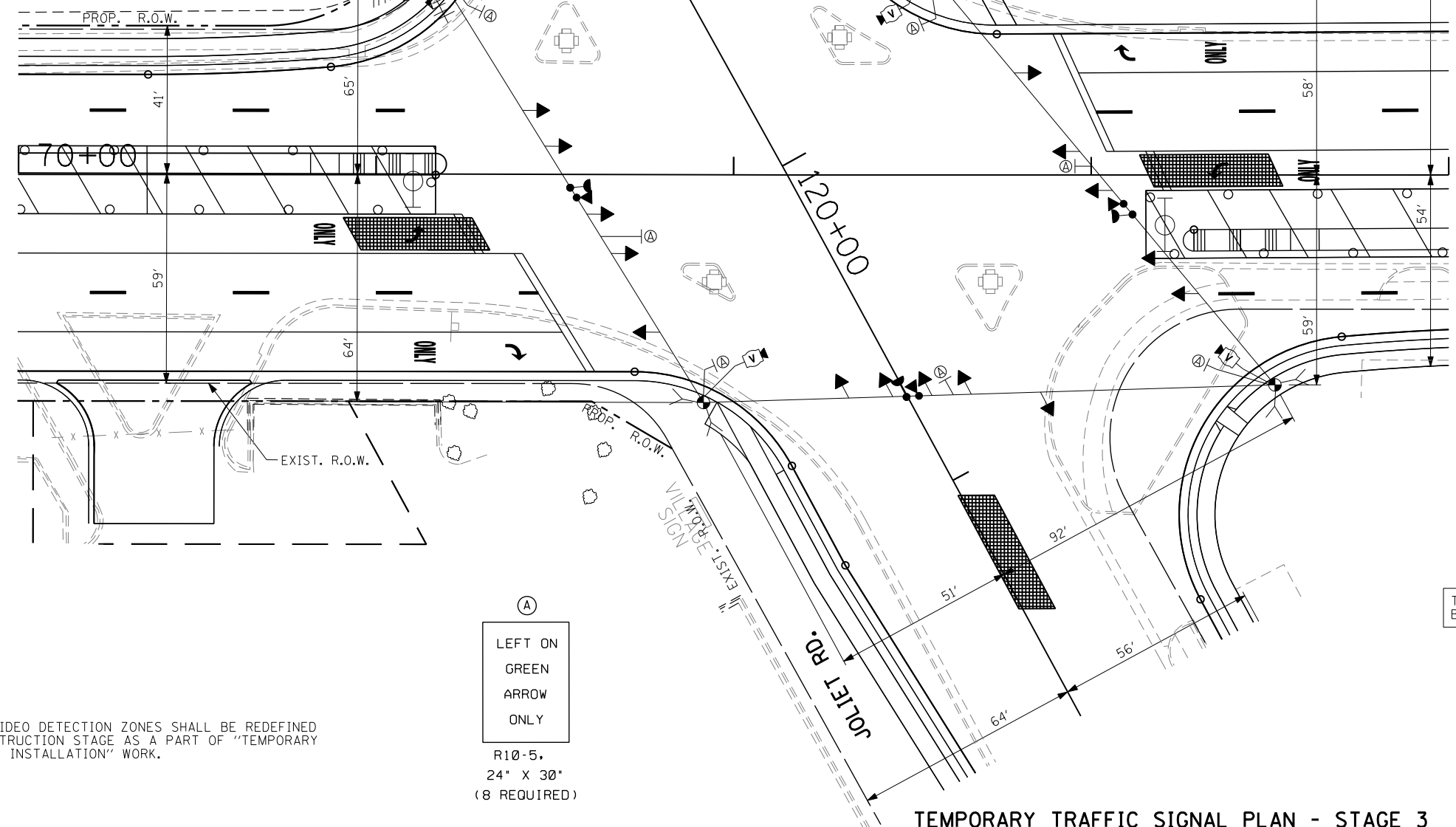
TEMPORARY RADIO INTERCONNECT TO
JOLIET RD. AT BRAINARD AVE.
(SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO
US RTE 12/20/45 AT COUNTRYSIDE PLAZA
(SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO
JOLIET RD. AT QUARRY SHOPPING CENTER DRIVEWAY
(SEE TEMPORARY INTERCONNECT PLANS)

TEMPORARY RADIO INTERCONNECT TO
US RTE 12/20/45 AT 63RD STREET
(SEE TEMPORARY INTERCONNECT PLANS)

US RTE 12/20/45



(A)
LEFT ON
GREEN
ARROW
ONLY
R10-5,
24" X 30"
(8 REQUIRED)

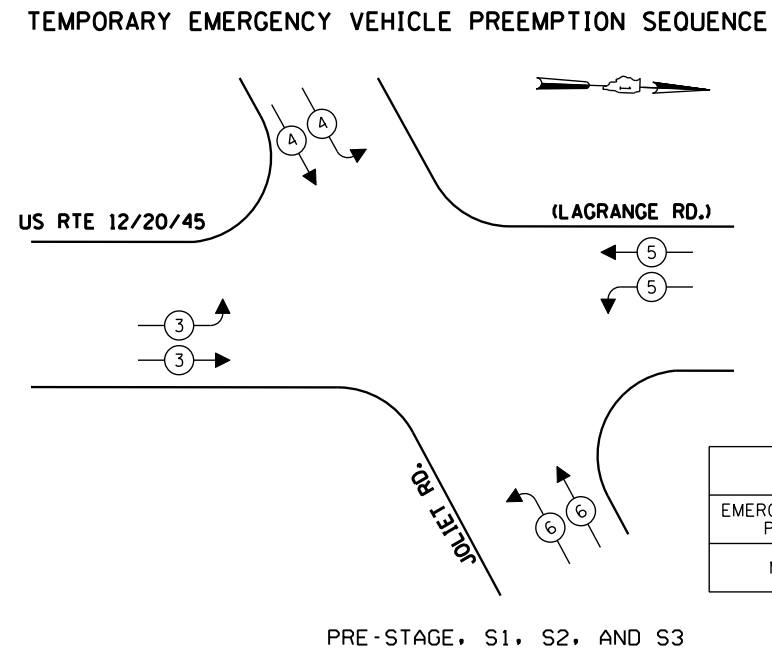
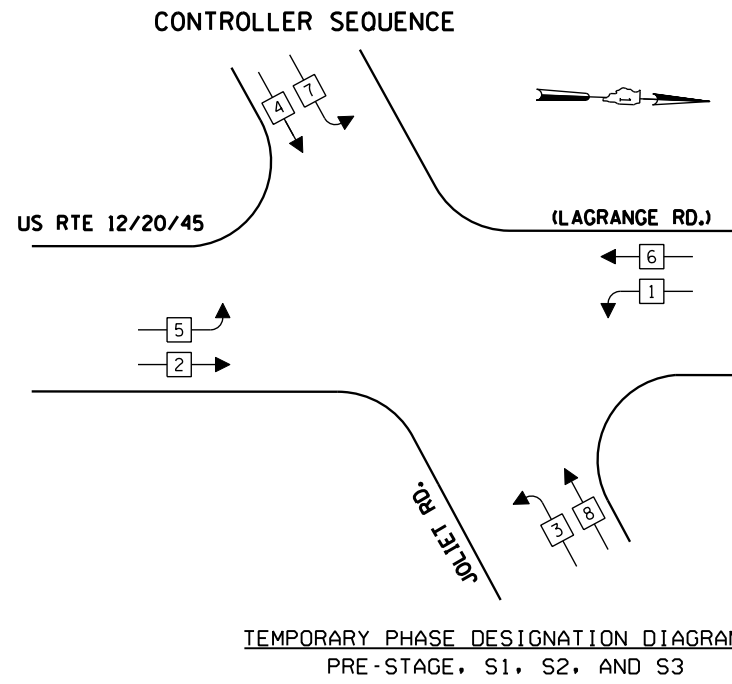
NOTE 1: THE FAR OUT VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE AS A PART OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION" WORK.

THE FAR OUT VIDEO DETECTION ZONES WILL BE MAINTAINED AS SHOWN ON SHEET NO. 82

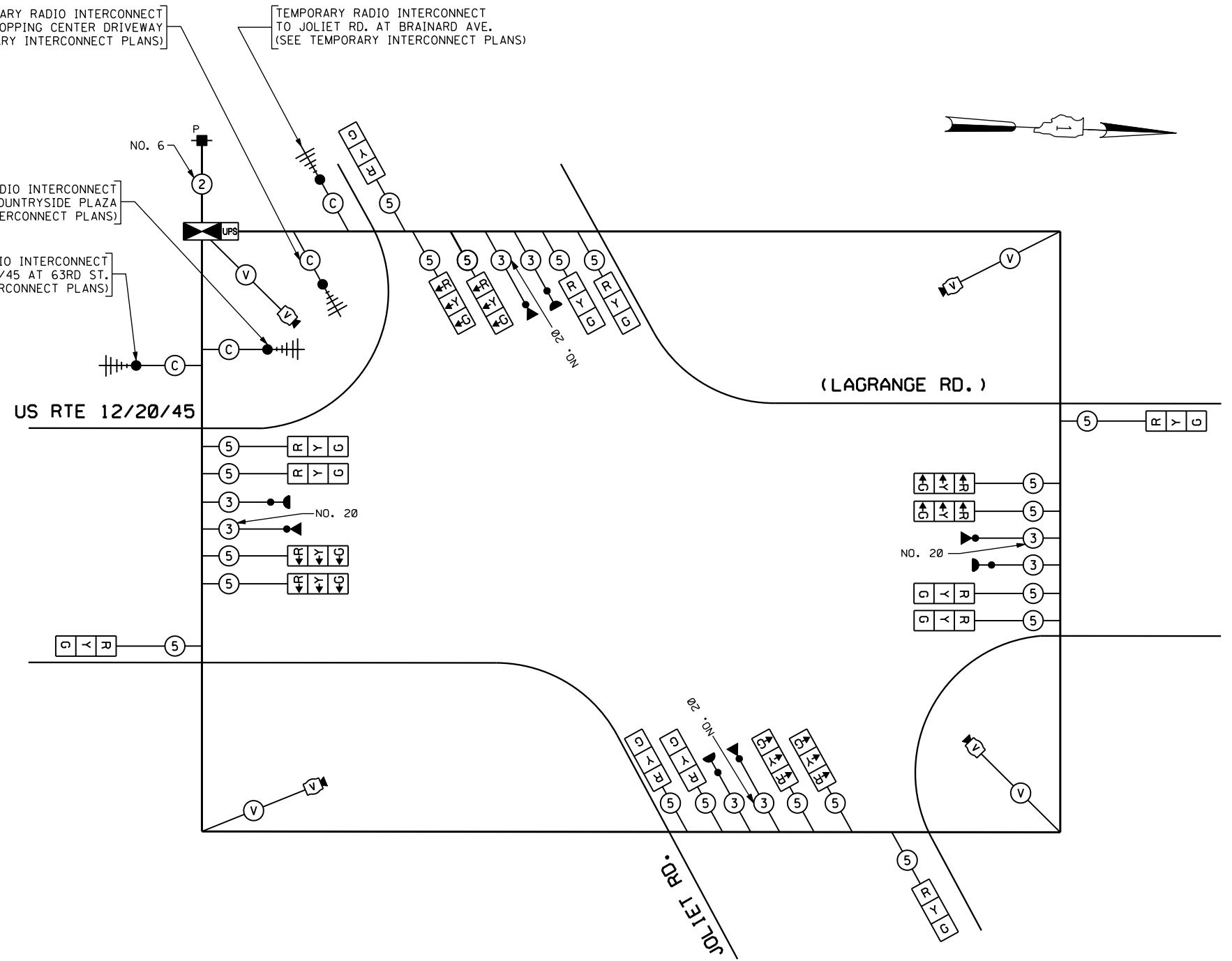
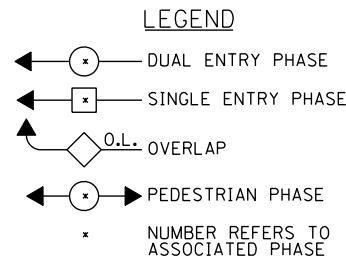
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 12/20/45 (LAGRANGE RD.) AT JOLIET ROAD STAGE 3 (SHEET 5 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 89
	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		
PLOT DATE = #DATE#	DATE - 8/28/2013	CHECKED - PKG	REVISED -							CONTRACT NO. 60L73		
		REVISIONS	REVISIONS									



TEMPORARY EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	↔	↕	↖↗	↗↖



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	20	135	17	0.50	170.0
(YELLOW)	20	135	25	0.25	125.0
(GREEN)	20	135	15	0.25	75.0
ARROW	-	135	12	0.10	-
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	-	-	-	0.05	-
VIDEO SYSTEM	1	150	-	1.00	150.0
FLASHER	-	-	-	0.50	-
ENERGY COSTS TO:				TOTAL =	620.0
CITY OF COUNTRYSIDE, ILLINOIS 5550 EAST AVENUE COUNTRYSIDE, ILLINOIS 60525					
ENERGY SUPPLY CONTACT: DOLORES KREMNIER PHONE: (815) 724-5241 COMPANY: COMMONWEALTH EDISON					

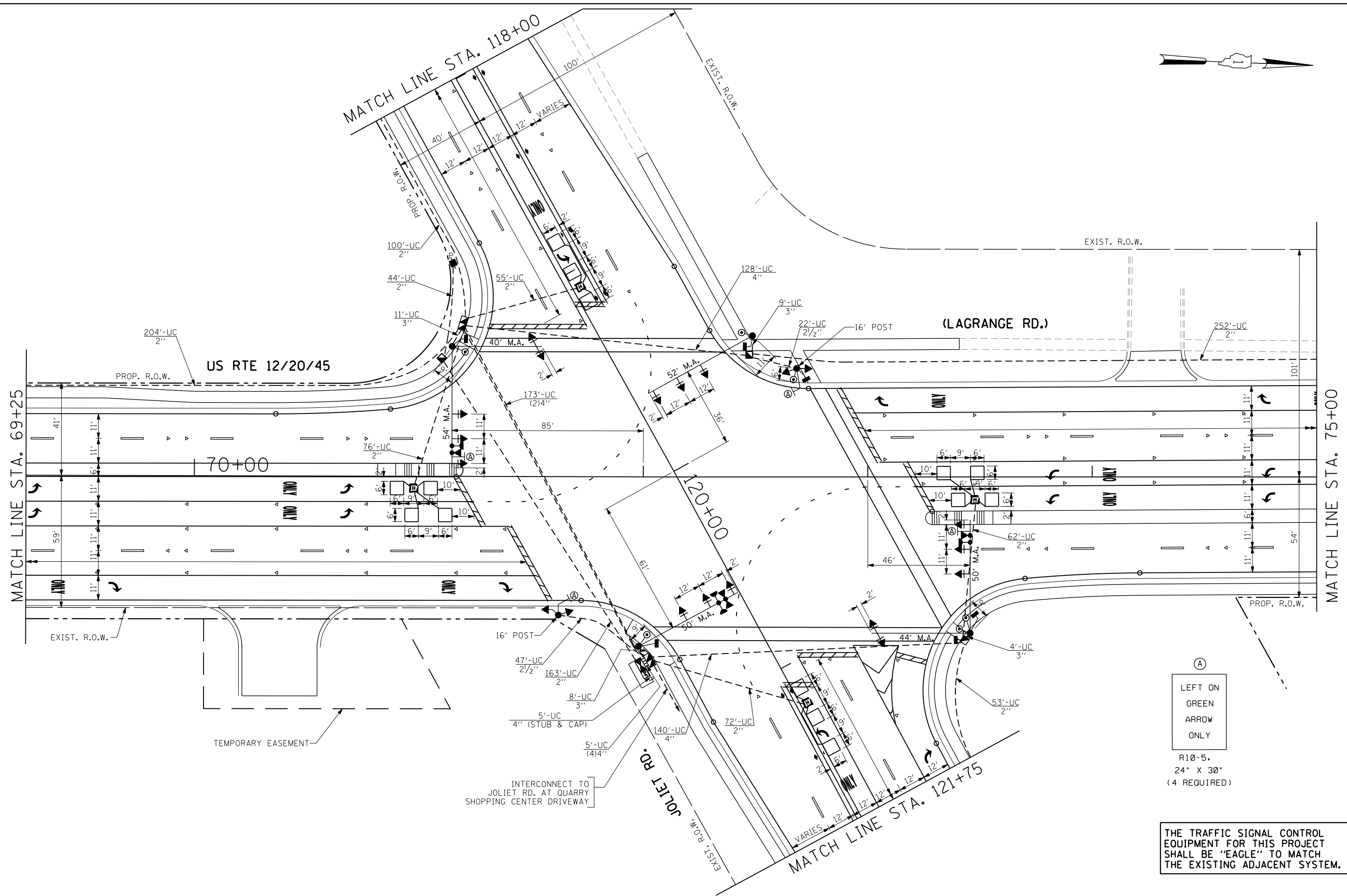
FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -
#FILEL#		DRAWN - MG, EA	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PKG	REVISED -
	PLOT DATE = #DATE#	DATE - 8/28/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE US RTE 12/20/45 (LAGRANGE RD.) AT JOLIET ROAD			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 90
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				CONTRACT NO. 60L73

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

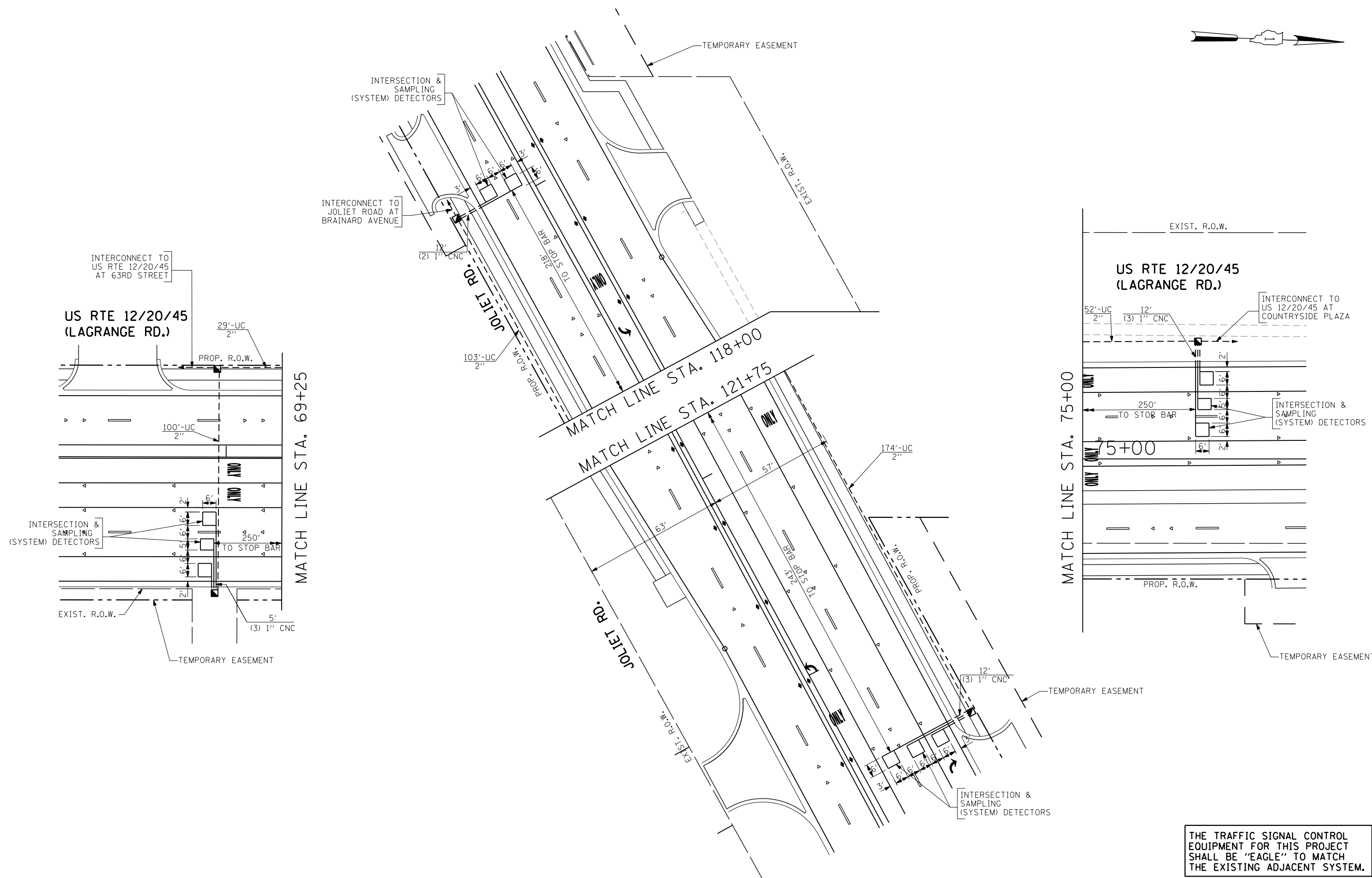


(A)
 LEFT ON
 GREEN
 ARROW
 ONLY

R10-5,
 24" X 30"
 (4 REQUIRED)

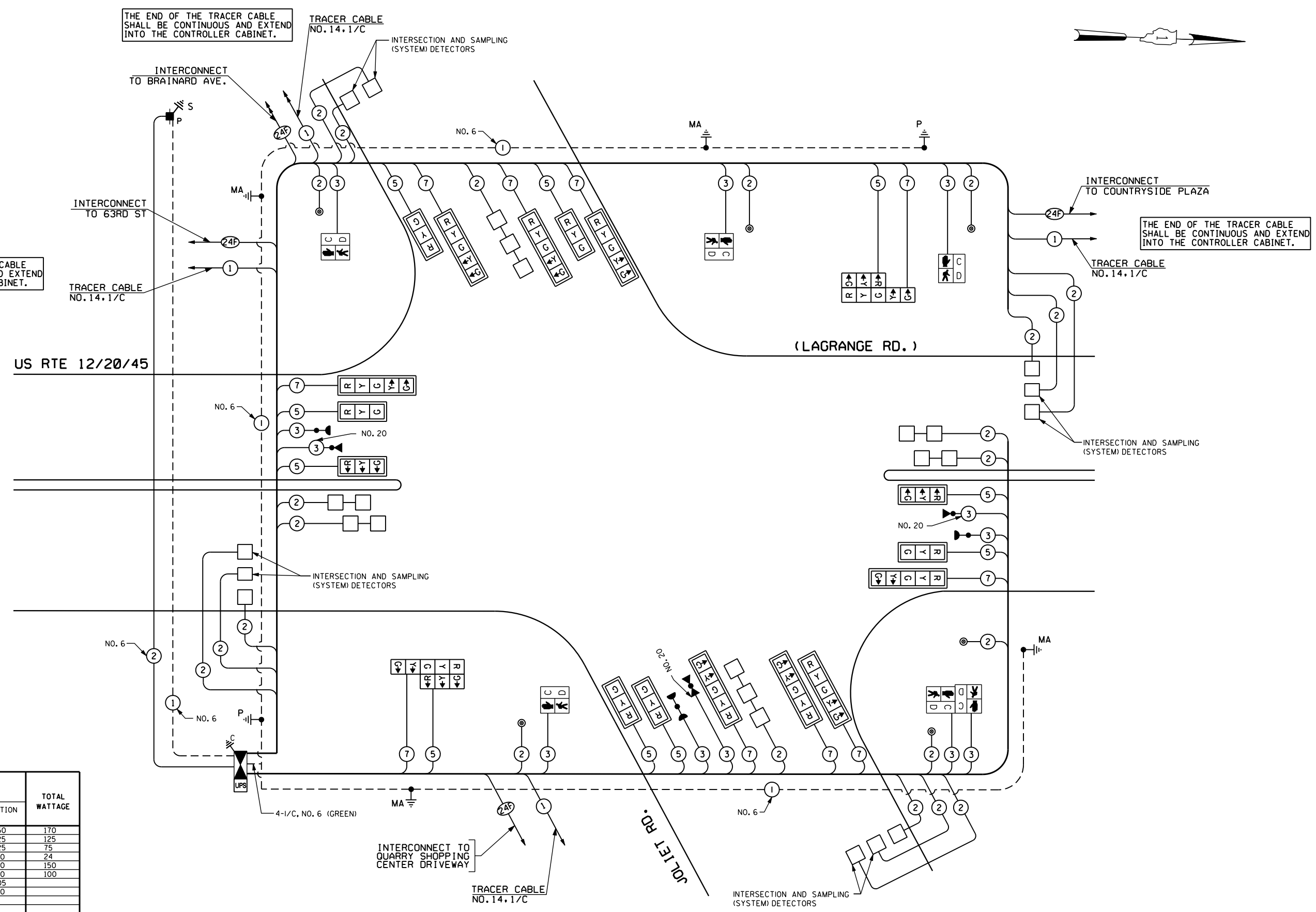
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE 'EAGLE' TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL INSTALLATION PLAN US RTE 122045 (LAGRANGE RD.) AT JOLIET ROAD (SHEET 1 OF 2)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - MG, EA	REVISED -		330	2010-082-1	COOK	152	91			
	PLOT SCALE = #SCALE#	CHECKED - PKG	REVISED -		SCALE: 1" = 20'			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60L73		
	PLOT DATE = #DATE#	DATE - 8/28/2013	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL INSTALLATION PLAN US RTE 1220/45 (LAGRANGE RD.) AT JOLIET ROAD (SHEET 2 OF 2)				F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 92
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -								CONTRACT NO. 60L73		
		DATE - 8/28/2013	REVISED -										



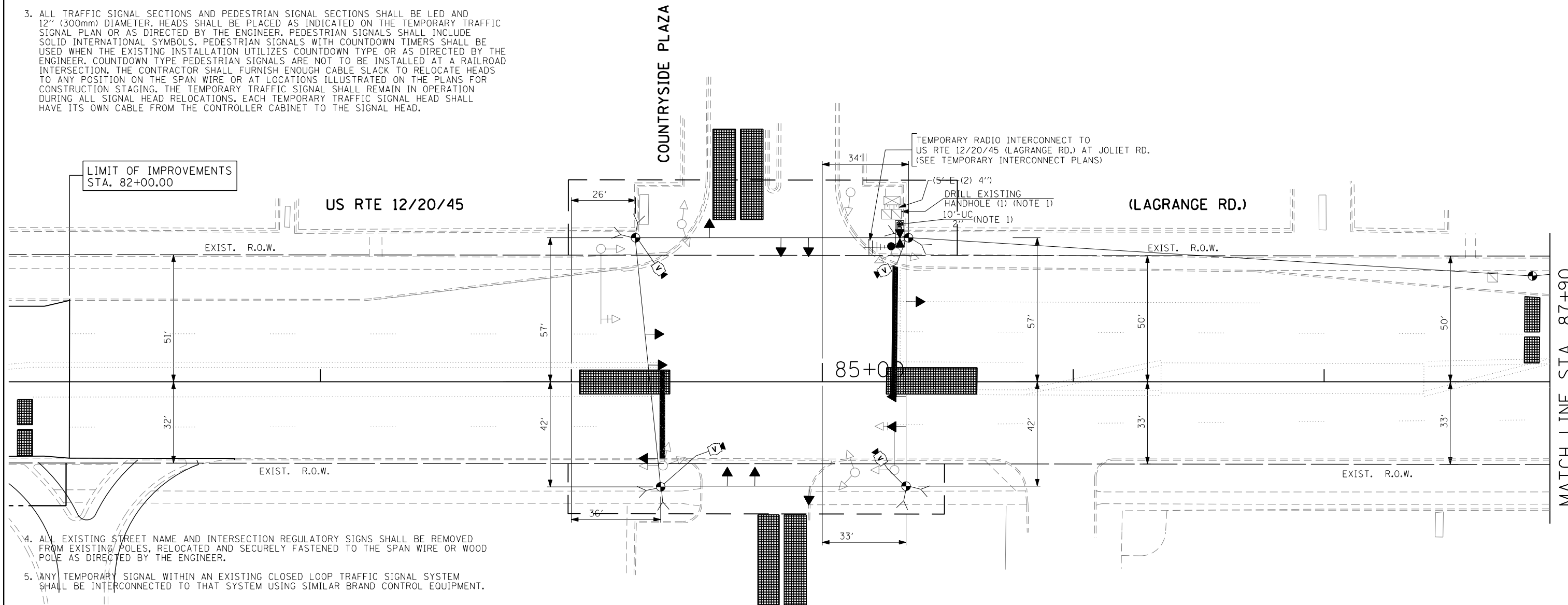
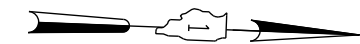
CABLE PLAN
(NOT TO SCALE)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE	
TYPE	NO LAMPS	WATTAGE		%OPERATION		
SIGNAL (RED)	20	INCAND.	135	17	0.50	170
(YELLOW)	20	INCAND.	135	25	0.25	125
(GREEN)	20	INCAND.	135	15	0.25	75
ARROW	20	INCAND.	135	12	0.10	24
PED. SIGNAL	6	LED	90	25	1.00	150
CONTROLLER	1	LED	100	100	1.00	100
ILLUM. SIGN	-				0.05	
VIDEO SYSTEM	-		150		1.00	
FLASHER					0.50	
ENERGY COSTS TO:					TOTAL =	644
CITY OF COUNTRYSIDE, ILLINOIS 5550 EAST AVENUE COUNTRYSIDE, ILLINOIS 60525						
ENERGY SUPPLY CONTACT: DOLORES KREMNIETZ PHONE: (815) 724-5241 COMPANY: COMMONWEALTH EDISON						

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.



4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
10. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

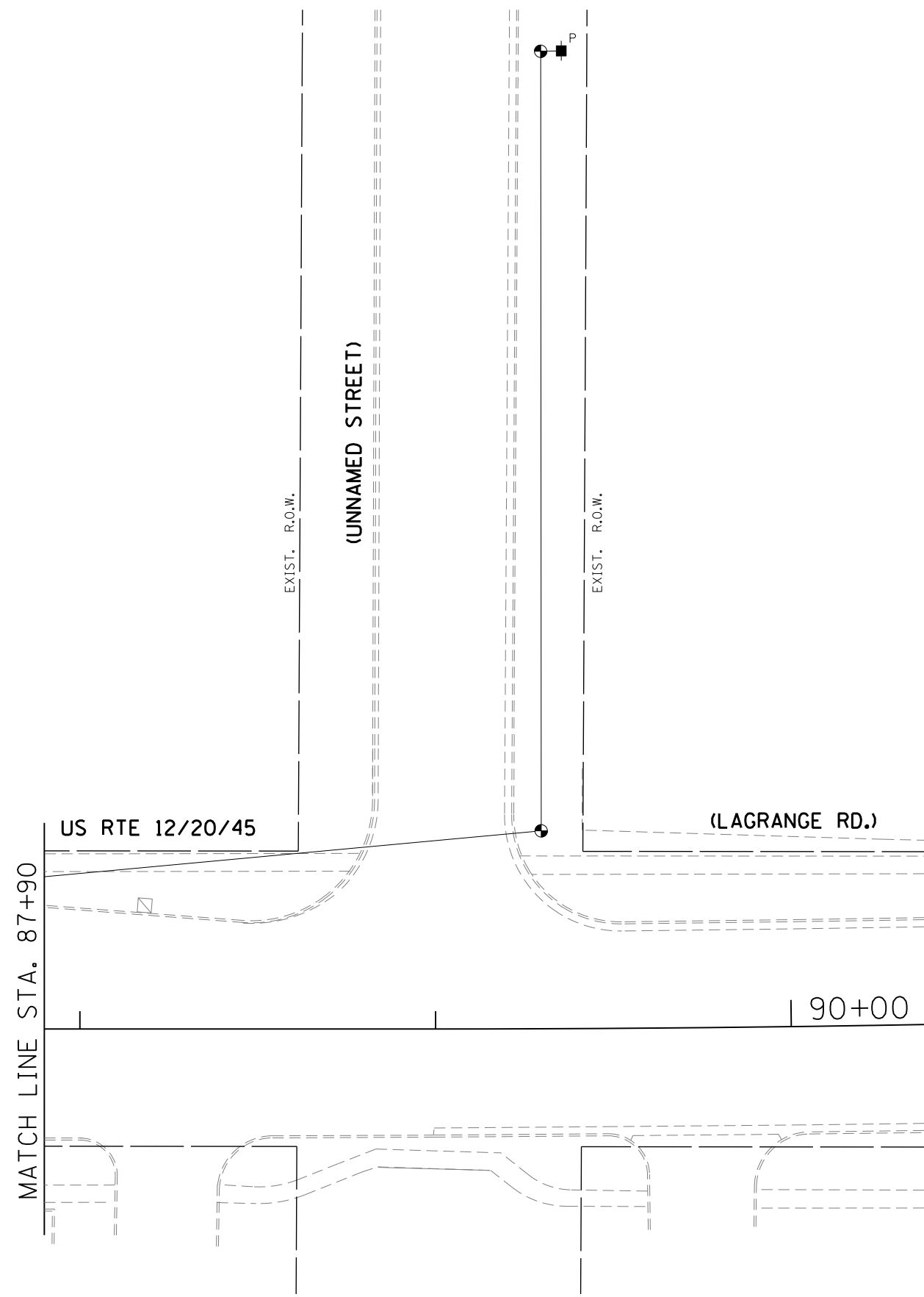
TEMPORARY TRAFFIC SIGNAL PLAN - PRE-STAGE

SPECIAL NOTE TO CONTRACTOR:
 THE EXISTING TRAFFIC SIGNAL INSTALLATION SHALL BE DISCONNECTED AND ALL THE EXISTING SIGNAL HEADS, TO REMAIN IN PLACE, SHALL BE BAGGED WHEN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION IS IN PLACE AND IN OPERATION. UPON COMPLETION OF THE CONSTRUCTION ACTIVITIES, AND PRIOR TO REMOVAL OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION, THE EXISTING TRAFFIC SIGNAL HEADS SHALL BE UNBAGGED AND THE EXISTING TRAFFIC SIGNAL INSTALLATION SHALL BE MADE OPERATIONAL AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

- NOTE 1: INSTALL TEMPORARY INTERCONNECT CABLE NO. 62.5/125 MM12F SM12F BETWEEN THE EXISTING CONTROLLER CABINET AND THE TEMPORARY CONTROLLER CABINET, FOR THE PURPOSE OF MAINTAINING EXISTING INTERCONNECT SYSTEM. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 2: PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL TEST FOR RADIO FREQUENCY INTERFERENCE PRIOR TO USING "RADIO INTERCONNECT"; A COPY OF RESULTS WILL BE PROVIDED TO THE BUREAU OF TRAFFIC OPERATIONS FOR RECORD.

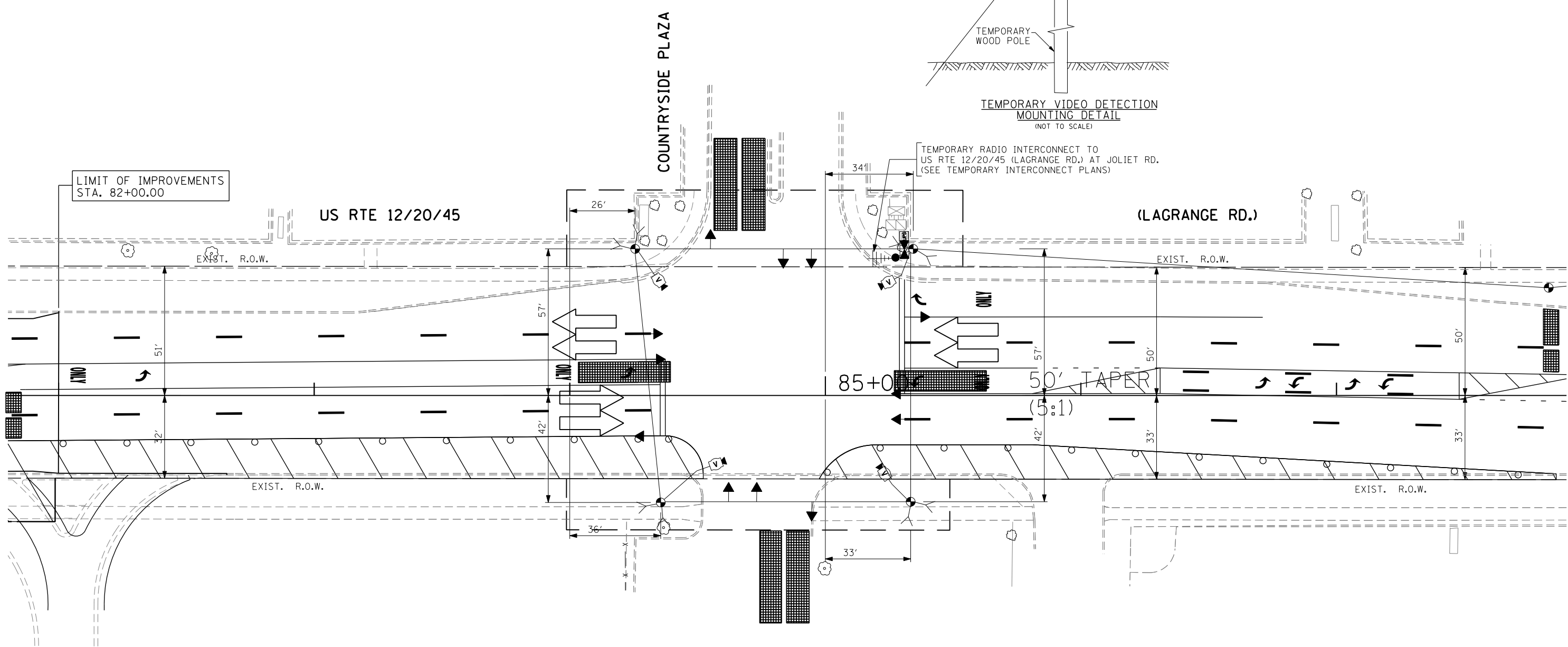
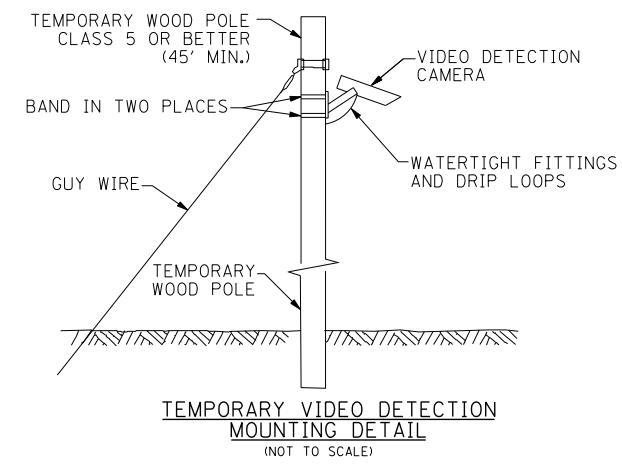
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 12/20/45 (LAGRANGE RD.) AT COUNTRYSIDE PLAZA PRE-STAGE (SHEET 1 OF 5)				F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 95
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1"= 20'	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60L73		
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -								ILLINOIS FED. AID PROJECT		
		DATE - 8/28/2013	REVISED -										



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

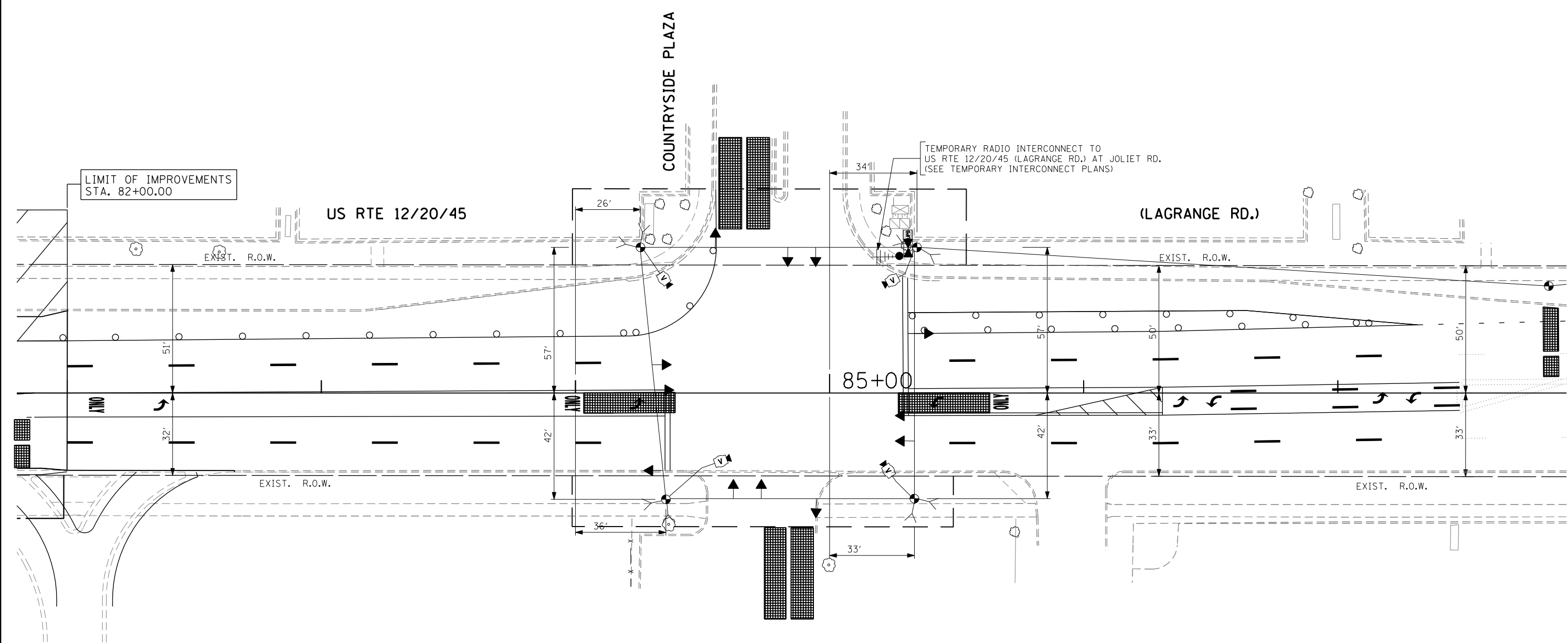
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	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60L73		
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -		DATE - 8/28/2013	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						



TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

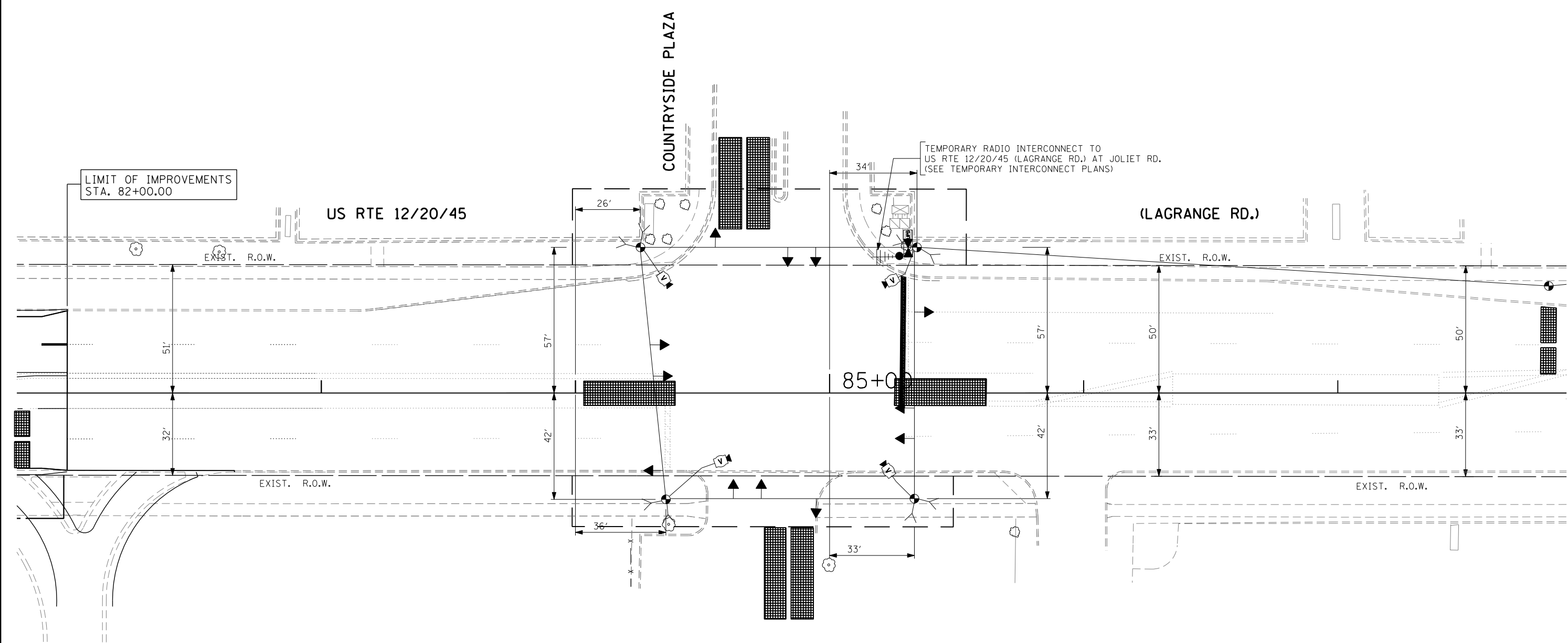
FILE NAME =	USER NAME = *USER*	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 12/20/45 (LAGRANGE RD.) AT COUNTRYSIDE PLAZA STAGE 1 (SHEET 3 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 97
#FILEL*	PLOT SCALE = *SCALE*	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
	PLOT DATE = *DATE*	CHECKED - PKG	REVISED -					CONTRACT NO. 60L73				
		DATE - 8/28/2013	REVISED -									



TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 12/20/45 (LAGRANGE RD.) AT COUNTRYSIDE PLAZA STAGE 2 (SHEET 4 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 98
	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -		DATE - 8/28/2013	REVISED -	CONTRACT NO. 60L73					

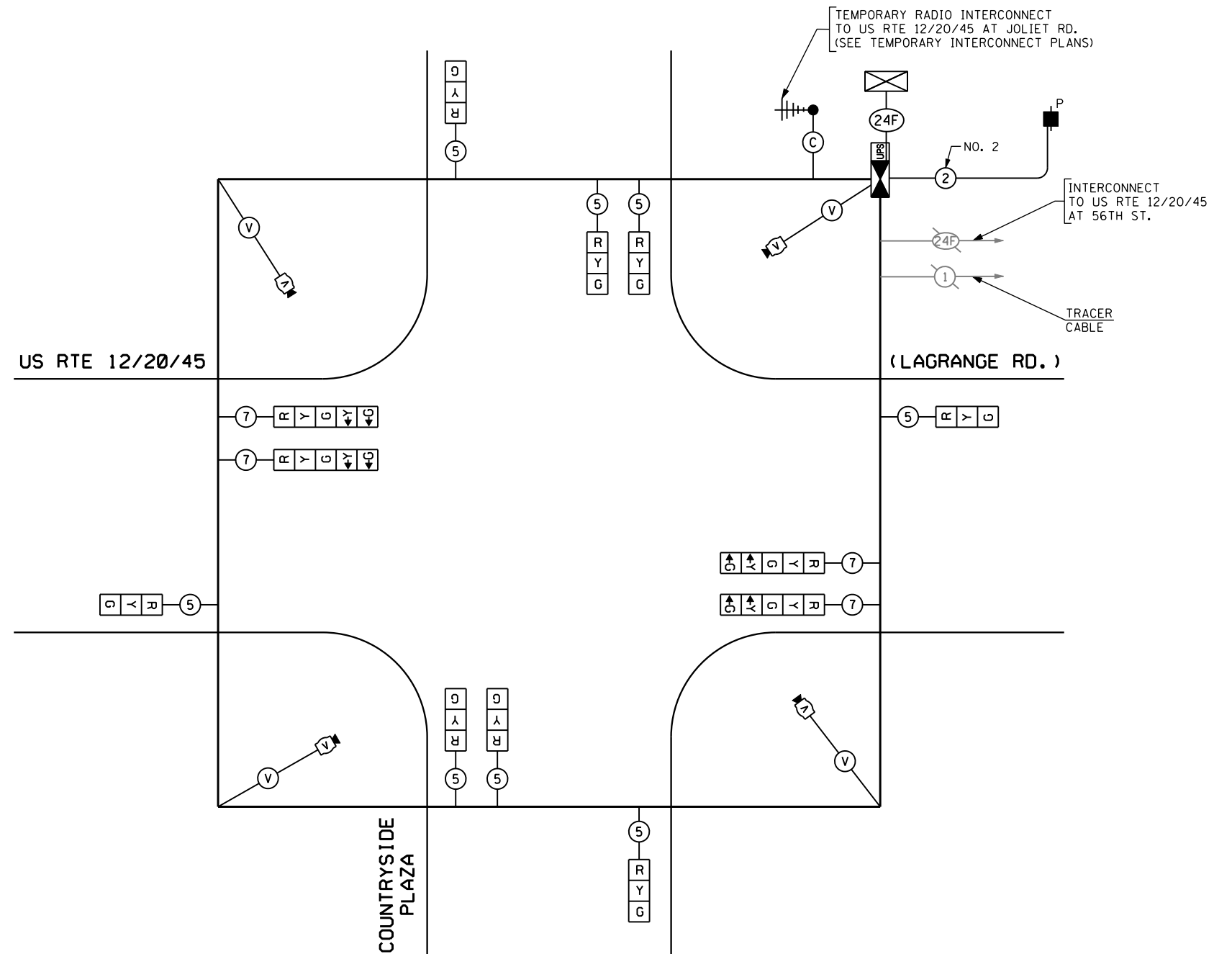
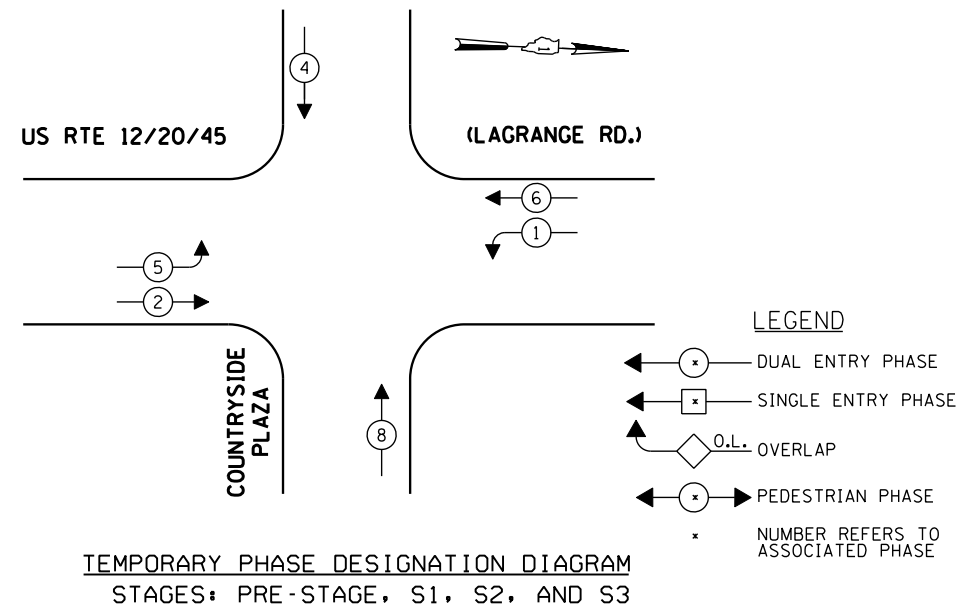


TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - PKG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN US RTE 12/20/45 (LAGRANGE RD.) AT COUNTRYSIDE PLAZA STAGE 3 (SHEET 5 OF 5)			F.A.P. RTE. 330	SECTION 2010-082-1	COUNTY COOK	TOTAL SHEETS 152	SHEET NO. 99
	PLOT SCALE = #SCALE#	DRAWN - MG, EA	REVISED -		SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
	PLOT DATE = #DATE#	CHECKED - PKG	REVISED -		DATE - 8/28/2013	REVISED -	CONTRACT NO. 60L73					

CONTROLLER SEQUENCE



TEMPORARY CABLE PLAN

(NOT TO SCALE)
PRE-STAGE, S1, S2, AND S3

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION		
SIGNAL (RED)	12	135	17	0.50	102.0	
(YELLOW)	12	135	25	0.25	75.0	
(GREEN)	12	135	15	0.25	45.0	
ARROW	8	135	12	0.10	9.6	
PED. SIGNAL	-	90	25	1.00	100.0	
CONTROLLER	1	100	100	1.00	150.0	
ILLUM. SIGN	-	-	-	0.05	-	
VIDEO SYSTEM	1	150	-	1.00	150	
FLASHER	-	-	-	0.50	-	
ENERGY COSTS TO:					TOTAL =	481.6
CITY OF COUNTRYSIDE, ILLINOIS 5550 EAST AVENUE COUNTRYSIDE, ILLINOIS 60525						
ENERGY SUPPLY CONTACT: DOLORES KREMNIER PHONE: (815) 724-5241 COMPANY: COMMONWEALTH EDISON						

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.