F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870/1426	11-00155-00-CH	DUPAGE	90	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 61A54		

06-10-2016 LETTING ITEM 221

INDEX OF SHEETS

FOR LIST OF STATE STANDARDS, SEE SHEET 2

VAL M. RACICH 062-049622 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

March 7, 2016

Val M. Racich

VAL M. RACICH

ILLINOIS REGISTRATION No. 062-049622
EXPIRATION DATE: 11/30/17
APPLIES TO SHEETS: 1-44, 56-90

GEORGE M. ZIEGLER 062-045853 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

March 7, 2016

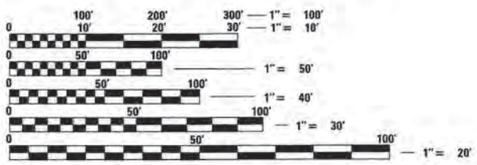
GEORGE M. ZIEGLER

ILLINOIS REGISTRATION No. 062-045853
EXPIRATION DATE: 11/30/17
APPLIES TO SHEETS: 45-55

DESIGN DESIGNATION ILLINOIS ROUTE 53: OTHER PRINCIPAL ARTERIAL
DESIGN SPEED = 45 M.P.H. POSTED SPEED = 45 M.P.H.

DESIGN DESIGNATION MADISON STREET: URBAN COLLECTOR
DESIGN SPEED = 30 M.P.H. POSTED SPEED = 30 M.P.H.

TRAFFIC DATA:	2009	2015
NORTH LEG ADT =	17,700	16,750
SOUTH LEG ADT =	12,100	16,750
EAST LEG ADT =	4,750	5,380



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
TOWNSHIP 39 NORTH, RANGE 10 & 11 EAST,
SECTIONS 7, 12, 13, & 18

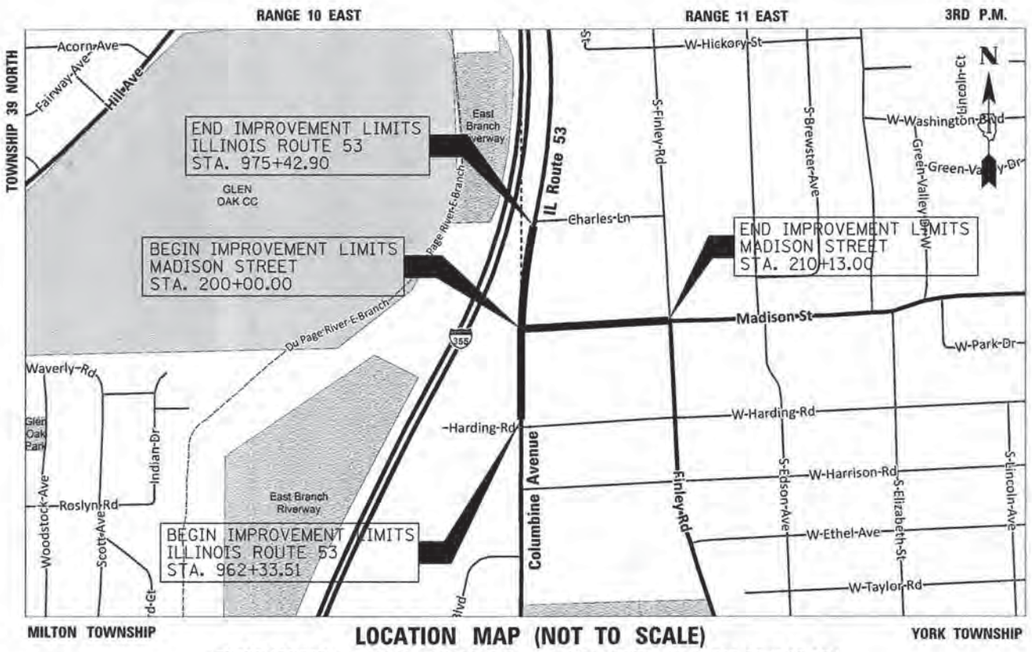
CONTRACT NO. 61A54

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAP ROUTE 0870 (COLUMBINE AVENUE)(ILLINOIS ROUTE 53) AND FAU ROUTE 1426 (MADISON STREET) HARDING ROAD TO CHARLES LANE AND COLUMBINE AVE. TO FINLEY ROAD WIDENING, RESURFACING, SIGNALIZATION, RECONSTRUCTION

SECTION 11-00155-00-CH
PROJECT NO. M-4003(259)
VILLAGE OF LOMBARD
DUPAGE COUNTY
JOB NO. C-91-155-14



LOCATION MAP (NOT TO SCALE)

GROSS LENGTH = 2,322 FT. (0.44 MI.) NET LENGTH = 2,322 FT. (0.44 MI.)

LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED

VILLAGE OF LOMBARD VILLAGE ENGINEER

PASSED March 23, 2016

DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW March 24, 2016

REGION 1 ENGINEER

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO.: 184-001175
EXPIRATION DATE: APRIL 30, 2017

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CHRISTOPHER B. BURKE, ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. (847) 705-4021 SCHAUMBURG, IL

LIST OF STATE STANDARDS

NUMBER	STANDARD
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-06	TRAVERSABLE PIPE GRATE
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602401-03	MANHOLE TYPE A
602406-07	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE, TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604056-04	FRAME AND GRATE TYPE 11V
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS $\geq$ 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS $\geq$ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
838001	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-06	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
BD-01	DRIVEWAY DETAILS-DISTANCE BETWEEN ROW AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5m)
BD-02	DRIVEWAY DETAILS-DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)
BD-7	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-22	PAVEMENT PATCH FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN

1. GENERAL NOTES

1.1 STANDARD SPECIFICATIONS FOR EARTHWORK, PAVEMENT AND SIDEWALKS. ALL EARTHWORK, PAVEMENT, CURBING AND SIDEWALK ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY IDOT, LATEST EDITION AND WITH ANY SPECIAL PROVISIONS SPECIFIED HEREIN TO SAID STANDARD SPECIFICATION.

1.2 STANDARD SPECIFICATIONS FOR STORM SEWERS AND SANITARY SEWERS: ALL STORM SEWER AND SANITARY SEWER CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" LATEST EDITION AND WITH ANY SPECIAL PROVISIONS SPECIFIED HEREIN TO SAID STANDARD SPECIFICATIONS.

1.3 THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" AS PUBLISHED BY IDOT, LATEST EDITION.

1.4 THE "PROCEDURES AND STANDARDS FOR URBAN EROSION CONTROL IN ILLINOIS" AS PUBLISHED BY THE ILLINOIS CONSERVATION DISTRICT.

1.5 CONFLICTS: IN THE CASE OF CONFLICTS BETWEEN THE PLANS AND SPECIFICATIONS SHOWN HEREIN AND THE APPLICABLE STANDARD SPECIFICATIONS, THESE PLANS AND SPECIFICATIONS SHOWN HEREIN SHALL TAKE PRECEDENCE. NO SUBSTITUTIONS IN MATERIALS, DETAILS OR ANY OTHER PART OF THE WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

1.6 ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE CURRENT IDOT STANDARD.

2. GENERAL

2.1 HEALTH AND SAFETY: THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS (SERIES 1926) AND THE APPLICABLE PROVISIONS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA STANDARDS OF THE WILLIAMS STEGER OCCUPATIONAL HEALTH STATE AND SAFETY ACT OF 1970) REVISED.

2.2 LICENSING: THE CONTRACTOR AND HIS INDIVIDUAL SUBCONTRACTORS PRIOR TO THE COMMENCEMENT OF WORK SHALL OBTAIN ALL APPLICABLE VILLAGE PERMITS AND LICENSES.

2.3 ELECTRIC, TELEPHONE, NATURAL GAS AND OTHER UTILITY COMPANIES HAVE UNDERGROUND AND/OR OVERHEAD SERVICE FACILITIES IN THE VICINITY OF THE PROPOSED WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND PRESERVATION OF THE UTILITIES' FACILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 FOR UTILITY LOCATIONS.

2.4 THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. HOWEVER, NEITHER IDOT NOR THE VILLAGE GUARANTEES THE COMPLETENESS OR ACCURACY OF THE INFORMATION REGARDING UTILITIES, EITHER PUBLIC OR PRIVATE SUCH AS SEWERS, GAS AND WATER MAINS, TELEPHONE AND ELECTRICAL DUCT LINES, MANHOLES, CATCH BASINS, AND SIMILAR STRUCTURES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION OPERATIONS AND REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

2.5 BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CONTACT THE VILLAGE PUBLIC WORKS DEPT. FOR FIELD LOCATIONS OF BURIED WATER AND STORM FACILITIES (2 WORKING DAY ADVANCE NOTIFICATION IS REQUIRED).

2.6 NEITHER THE ENGINEER, IDOT NOR THE VILLAGE IS RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY CONTRACTOR.

2.7 PRIOR TO THE START OF CONSTRUCTION, THE ENGINEER AND THE CONTRACTOR SHALL ATTEND A PRECONSTRUCTION MEETING. THE PURPOSE OF THE MEETING IS TO REVIEW ACCEPTABLE CONSTRUCTION PRACTICES IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND VILLAGE ORDINANCES AND POLICIES.

2.8 EXISTING STREET CLEANLINESS: THE CONTRACTOR(S) SHALL KEEP EXISTING ADJACENT STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS. CLEAN PAVEMENTS ON A DAILY BASIS OR MORE OFTEN WHEN NECESSARY AND AS DIRECTED BY THE ENGINEER.

2.9 THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 1 TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

2.10 THE CONTRACTOR SHALL CONTACT THE IDOT AREA FIELD ENGINEER DON CHIARUGI AT (847) 741-9857 TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

2.11 VANDALISM: SPECIAL ATTENTION IS CALLED TO THE SPECIAL PROVISION FOR "INSPECTION" AS WELL AS ARTICLE 107.30 OF THE "STANDARD SPECIFICATIONS". ANY DEFACED WORK SHALL BE CORRECTED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE PRIOR TO FINAL PAYMENT. THE DEPARTMENT AND VILLAGES SHALL COOPERATE WITH THE CONTRACTOR TO MINIMIZE VANDALISM, BUT THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE TO CORRECT ANY DAMAGE. THE DEPARTMENT AND VILLAGE WILL NOT BE RESPONSIBLE FOR THE SECURITY OF THE WORK SITE IN THIS REGARD, OTHER THAN NORMAL PATROLLING AND RESPONSE TO EMERGENCIES. THE COST OF ADDITIONAL SECURITY REQUIRED TO MEET THIS PROVISION SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

2.12 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.

2.13 THOSE SEEKING THE FULL GEOTECHNICAL REPORT OR PRELIMINARY SITE INVESTIGATION SHOULD CONTACT THE OWNER OF RECORD. TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION PLEASE CONTACT:

MR. MATTHEW LEW, P.E., CIVIL ENGINEER
VILLAGE OF LOMBARD
(630) 620-5740 LewM@villageoflombard.org

3. EARTH WORK

WORK UNDER THIS SECTION SHALL INCLUDE BUT IS NOT LIMITED TO THE FOLLOWING:

3.1 CLEARING AND REMOVAL OF VEGETATIVE GROWTH WITHIN THE CONSTRUCTION LIMITS IS INCLUDED IN THE CONTRACT ITEMS FOR EARTHWORK.

3.2 PRIOR TO ONSET OF MASS GRADING OPERATIONS THE CONTRACTOR SHALL SIGN AND SUBMIT THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE EARTHWORK CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SOIL EROSION CONTROL SPECIFICATIONS AND DETAILS. THE INITIAL IMPLEMENTATION OF EROSION CONTROL PROCEDURES AND DEVICES MUST OCCUR BEFORE MASS GRADING BEGINS, IN ACCORDANCE WITH THE SWPPP.

3.3 THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORMWATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE.

3.4 EXISTING SOD AREAS TO REMAIN THAT ARE DISTURBED DURING CONSTRUCTION WILL BE REPAIRED AND RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL EXPENSE TO THE CONTRACT.

4. STORM SEWER CONSTRUCTION

4.1 WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

4.2 WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

4.3 FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

4.4 ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CONTRACT.

4.5 THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS. HOWEVER, THE NECESSARY PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.

4.6 ANY PORTIONS OF STORM SEWER AND MISSION COUPLINGS NEEDED TO CONNECT (EXTEND) EXISTING STORM SEWER TO PROPOSED STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STRUCTURE.

4.7 ANY PROPOSED CATCH BASINS OR MANHOLES WITH INVERT ELEVATIONS THAT DO NOT PROVIDE ROOM TO FIT A PRECAST CONE TOP, ARE SHALLOW DEPTH DRAINAGE STRUCTURES AND SHALL BE FITTED WITH A REINFORCED CONCRETE FLAT SLAB TOP. NO ADJUSTMENTS TO UNIT PRICES SHALL BE MADE WHETHER STRUCTURES ARE FITTED WITH CONE TOPS OR FLAT SLAB TOPS.

4.8 ALL PROPOSED MANHOLES SHALL BE PROVIDED WITH PRECAST CONCRETE INVERTS OR SHALL HAVE POURED IN PLACE CONCRETE INVERTS CONFORMING TO THE SHAPE OF THE PIPE OR AS OTHERWISE SHOWN ON THE PLANS. POURED IN PLACE CONCRETE SHALL BE CLASS "SI" SHAPED AND TROWELED FOR A SMOOTH FINISH.

5. SANITARY SEWER CONSTRUCTION

5.1 MANHOLE RECONSTRUCTIONS: ALL SANITARY SEWER MANHOLES SHALL BE OF PRECAST CONCRETE CONSTRUCTION INCLUDING ALL ADDED BARREL SECTIONS, AND SHALL HAVE RUBBER GASKETED COUPLINGS FOR ALL INLET AND OUTLET PIPES. MANHOLE FRAMES AND LIDS SHALL BE OF THE NON-ROCKING AND SELF-SEALING TYPE WITH RUBBER WATERTIGHT GASKET. THE LIDS TO BE SOLID WITH CONCEALED PICK HOLE AND WITH THE WORDS "SANITARY SEWER" CAST INTO THE LID. "INFA-SHIELD", "CANUSA" OR "CRETEX" CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWER MANHOLES.

6. CURB AND PAVEMENT CONSTRUCTION

6.1 BACKFILLING OF CURBS SHALL BE COMPLETED PRIOR TO PLACEMENT OF ROADWAY BASE-COURSE. CUT EDGE OF EXCAVATION AWAY TO ALLOW FOR PROPER COMPACTION.

6.2 AFTER THE INSTALLATION OF THE SUB-BASE COURSE, ALL TRAFFIC SHALL BE KEPT OFF THE BASE UNTIL THE BINDER COURSE IS LAID.

7. MAINTENANCE OF TRAFFIC

7.1 EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED ON TEMPORARY SUPPORTS OR ENTIRELY REMOVED FROM THE PROJECT SITE AT THE DIRECTION OF THE ENGINEER. ALL EXISTING CTA BUS STOP SIGNS MUST BE RELOCATED TO TEMPORARY SUPPORTS DURING CONSTRUCTION AND INSTALLED ON PERMANENT SUPPORTS WITH ALL NEW HARDWARE AT THE TIME OF COMPLETION OF CONFLICTING IMPROVEMENTS. THE WORK TO MAINTAIN SIGNAGE ON TEMPORARY SUPPORTS SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.

7.2 ALL SAW-CUTTING SHALL BE INCLUDED IN THE ITEM TO BE REMOVED AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAW-CUTTING WILL NOT BE MEASURED FOR PAYMENT.

7.3 ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEMS FOR TEMPORARY ACCESS (ROAD) AND TEMPORARY ACCESS (PRIVATE ENTRANCE).

7.4 DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. ALL SAW-CUTTING SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAW-CUTTING WILL NOT BE MEASURED FOR PAYMENT.

7.5 CONSTRUCTION OPERATIONS SHALL BE CONFINED TO THE PERIOD BEGINNING AT 7:00 A.M. AND ENDING AT 6:00 P.M. WEEKDAYS, 8:00 A.M. TO 4:00 P.M. SATURDAY, AND NO WORK SHALL BE PERFORMED ON SUNDAYS OR HOLIDAYS, PER VILLAGE ORDINANCE.

7.6 A QUANTITY OF TEMPORARY FENCE HAS BEEN PROVIDED IN THE CONTRACT FOR ERECTION AS DIRECTED BY THE ENGINEER FOR PUBLIC PROTECTION AND GENERAL SITE SECURITY.

7.7 A SMOOTH TRANSITION SHALL BE PROVIDED BETWEEN NEW AND EXISTING CONSTRUCTION, DIFFERENT PHASES OF CONSTRUCTION, AND TEMPORARY CONSTRUCTION.

8. SIDEWALK CONSTRUCTION

8.1 ALL WORK SHALL COMPLY WITH THE CURRENT REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.

8.2 SIDEWALKS SHALL BE FIVE INCHES (5") THICK EXCEPT THRU DRIVEWAYS, HANDICAP RAMPS, AND WHERE THE SIDEWALK IS ADJACENT TO CURB, THE THICKNESS IS TO BE SEVEN INCHES (7"). CONTRACTION JOINTS SHALL BE SET AT 5 FOOT CENTERS WITH 5/16" PREMOLDED FIBER EXPANSION JOINTS AT 50 FEET CENTERS, AND WHERE SIDEWALK MEETS THE CURB, ANOTHER SIDEWALK, OR AT THE END OF EACH POUR. ALL SIDEWALKS SHALL BE BROOM FINISHED. IF A MANHOLE FRAME FALLS WITHIN THE LIMITS OF A SIDEWALK, A BOX-OUT SECTION SIDEWALK SHALL BE PLACED AROUND FRAME WITH A 1/2" EXPANSION JOINT.

8.3 DETECTABLE WARNINGS MEETING ADA REQUIREMENTS SHALL BE INSTALLED AT ALL INTERSECTING STREETS PER THE APPLICABLE HIGHWAY STANDARD(S). CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING DETECTABLE WARNINGS.

8.4 MANUALLY FEATHER PULVERIZED TOPSOIL INTO EXISTING GRADES BEHIND NEW CURBS OR WALKS ON BOTH SIDES OF EXCAVATION FOR PUBLIC IMPROVEMENTS, TO CREATE A SMOOTH AND CONSISTENT MAINTAINABLE SURFACE. WHENEVER THE WORK IS NEXT TO EXISTING TURF, ALL FINISH WORK MUST BE MANUALLY RAKED.

8.5 BACKFILL ALL OVER-DUG OR EXCAVATED AREAS MANUALLY OR MECHANICALLY WITH PULVERIZED TOPSOIL (SOURCE TO BE APPROVED BY ENGINEER OR ENGINEERS REPRESENTATIVE).

8.6 COMPACT PULVERIZED TOPSOIL IN 4" TO 6" LIFTS MINIMIZING SETTLEMENT TO ENGINEER'S APPROVAL.

9. EROSION & SEDIMENT CONTROL

9.1 UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.

9.2 THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), INCLUDING MAINTENANCE AND/OR REPAIR OF SOIL EROSION AND SEDIMENT CONTROL MEASURES, FOR COMPLIANCE WITH THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

9.3 THE CONTRACTOR SHALL MAINTAIN A A COPY OF THE APPROVED SWPPP AND THE UP-TO-DATE SEDIMENT CONTROL PLAN ON THE SITE AT ALL TIMES.

9.4 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES FOR THE PREVENTION OF EROSION AND SEDIMENTATION AS COMMITTED TO IN THE SIGNED SWPPP.

9.5 DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO COMBINED OR STORM SEWERS OR STRUCTURES IS PROHIBITED.

9.6 ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH $\frac{1}{2}$" RAIN EVENT.

CHRISTOPHER B. BURKE ENGINEERING, LTD.

PLAN

PROFILE

S.P.	CODED PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STU QUANTITY (FEDERAL/LOCAL)	100% LOCAL QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	163	150	13
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	419	419	0
	20100500	TREE REMOVAL, ACRES	ACRE	0.1	0.1	0
	20101000	TEMPORARY FENCE	FOOT	100	100	0
	20101100	TREE TRUNK PROTECTION	EACH	5	5	0
△	20101200	TREE ROOT PRUNING	EACH	5	5	0
△	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	3	3	0
△	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2	0
△	20101700	SUPPLEMENTAL WATERING	UNIT	2	2	0
	20200100	EARTH EXCAVATION	CU YD	6274	5855	419
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7483	6812	671
	20800150	TRENCH BACKFILL	CU YD	416	315	101
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	500	500	0
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	9423	7585	1838
	21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	420	420	0
△	21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	217	217	0
△	25000210	SEEDING, CLASS 2A	ACRE	0.73	0.73	0
△	25000300	SEEDING, CLASS 3	ACRE	0.12	0.12	0
△	25000314	SEEDING, CLASS 4B	ACRE	0.09	0.09	0
△	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	100	100	0
△	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	100	100	0
△	25100115	MULCH, METHOD 2	ACRE	3	2.4	0.6
△	25100630	EROSION CONTROL BLANKET	SQ YD	2057	2057	0
△	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2057	2057	0
△	25200110	SODDING, SALT TOLERANT	SQ YD	5753	3837	1916
△	25200200	SUPPLEMENTAL WATERING	UNIT	52	35	17
	28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	235	170	65
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200	162	38
	28000305	TEMPORARY DITCH CHECKS	FOOT	150	150	0
	28000400	PERIMETER EROSION BARRIER	FOOT	2346	1701	645
	28000500	INLET AND PIPE PROTECTION	EACH	11	7	4

S.P.	CODED PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STU QUANTITY (FEDERAL/LOCAL)	100% LOCAL QUANTITY
	28000510	INLET FILTERS	EACH	36	32	4
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	9880	7960	1920
	28100111	STONE RIPRAP, CLASS A6	SQ YD	6	6	0
	28200200	FILTER FABRIC	SQ YD	6	6	0
+	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3411	3411	0
	31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	1084	664	420
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	4042	2852	1190
	35501302	HOT-MIX ASPHALT BASE COURSE, 4 1/2"	SQ YD	3476	2497	979
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	860	789	71
	35501315	HOT-MIX ASPHALT BASE COURSE, 7 3/4"	SQ YD	1990	1990	0
	35600707	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 3/4"	SQ YD	418	415	3
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5205	5205	0
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	322	322	0
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	57	44	13
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	487	350	137
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	383	265	118
	40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	853	853	0
	40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	1591	1339	252
	42001300	PROTECTIVE COAT	SQ YD	2185	1346	839
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	475	229	246
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9763	5978	3785
	42400800	DETECTABLE WARNINGS	SQ FT	70	40	30
	44000100	PAVEMENT REMOVAL	SQ YD	2913	2088	825
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1608	1174	434
	44000300	CURB REMOVAL	FOOT	22	0	22
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	805	766	39
	44000600	SIDEWALK REMOVAL	SQ FT	187	0	187
	44004250	PAVED SHOULDER REMOVAL	SQ YD	2746	2746	0
	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	61	50	11
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	50	50	0

△ SPECIALTY ITEMS

S.P.	CODED PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STU QUANTITY (FEDERAL/LOCAL)	100% LOCAL QUANTITY
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	90	90	0
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	50	50	0
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1874	1874	0
	50105220	PIPE CULVERT REMOVAL	FOOT	612	525	87
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	64	64	0
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	84	84	0
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6	6	0
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4	0
	54260311	TRAVERSABLE PIPE GRATE	FOOT	16	16	0
+	54261430	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	EACH	1	1	0
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	198	175	23
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	75	75	0
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	944	920	24
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	201	201	0
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	528	484	44
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	287	0	287
	55100500	STORM SEWER REMOVAL 12"	FOOT	60	0	60
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	4	1
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	3	3	0
	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	6	4	2
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1	0
	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	0	1
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2	1	1
	60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	13	12	1
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5	5	0
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	10	0
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	1	1
	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	8	7	1
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	0
	60500040	REMOVING MANHOLES	EACH	1	1	0

PLAN — NOTE BOOK NO. ___ — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — BY — DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFILE — NOTE BOOK NO. ___ — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD — BY — DATE

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	PLOT SCALE = 1.0000 ' / in.	DRAWN - PMM	REVISED -
	PLOT DATE = 3/21/2016	CHECKED - JGS	REVISED -
Default		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

NOT TO SCALE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	3
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

S.P.	CODED PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STU QUANTITY (FEDERAL/LOCAL)	100% LOCAL QUANTITY
	60500050	REMOVING CATCH BASINS	EACH	2	0	2
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2701	1957	744
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	287	287	0
Δ	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	600	600	0
Δ	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	0
Δ	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	0
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	0
	67100100	MOBILIZATION	L SUM	1	1	0
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	110	110	0
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	10	10	0
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	471	435	36
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	157	145	12
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23302	23302	0
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	64	64	0
	72000100	SIGN PANEL - TYPE 1	SQ FT	125	119	6
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	40	40	0
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	51	51	0
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	0	7
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	29	11	18
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	13	13	0
	72900100	METAL POST - TYPE A	FOOT	188	188	0
	72900200	METAL POST - TYPE B	FOOT	82	68	14
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	245	245	0
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8989	8277	712
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1250	1250	0
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	164	164	0
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	117	103	14
Δ	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	95	95	0
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	1000	960	40
Δ	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	66	66	0
Δ	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1	0

S.P.	CODED PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STU QUANTITY (FEDERAL/LOCAL)	100% LOCAL QUANTITY
Δ	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	731	731	0
Δ	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	105	105	0
Δ	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	92	92	0
Δ	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	230	230	0
Δ	81400100	HANDHOLE	EACH	3	3	0
Δ	81400200	HEAVY-DUTY HANDHOLE	EACH	4	4	0
Δ	81400300	DOUBLE HANDHOLE	EACH	1	1	0
Δ +	85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	4	0	4
Δ +	85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	3	0	3
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	730	730	0
Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	547	547	0
Δ	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	991	991	0
Δ	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	906	906	0
Δ	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	994	994	0
Δ	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	170	170	0
Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 8 1C	FOOT	637	637	0
Δ	87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1	1	0
Δ	87501000	TRAFFIC SIGNAL POST, 14 FT.	EACH	1	1	0
Δ	87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	2	2	0
Δ	87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2	2	0
Δ	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1	0
Δ	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16	16	0
Δ	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4	0
Δ	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20	20	0
Δ	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11	11	0
Δ	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3	3	0
Δ	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	3	0
Δ	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3	3	0
Δ	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3	3	0
Δ	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2	0
Δ	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6	6	0

S.P.	CODED PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	STU QUANTITY (FEDERAL/LOCAL)	100% LOCAL QUANTITY
Δ	88500100	INDUCTIVE LOOP DETECTOR	EACH	5	5	0
Δ	88800100	DETECTOR LOOP, TYPE I	FOOT	375	375	0
Δ	88700200	LIGHT DETECTOR	EACH	2	2	0
Δ	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	1	0
Δ	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2	2	0
Δ	A2000420	TREE, ACER NIGRUM (BLACK MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12	0
Δ	A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	0
Δ	A2008120	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11	0
Δ	A2008453	TREE, ULMUS ACCOLADE (HYBRID ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	13	13	0
Δ	B2001668	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	8	8	0
Δ +	K1005481	SHREDDED BARK MULCH 3"	SQ YD	85	85	0
+	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	6	6	0
Δ +	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	251	251	0
Δ +	X0324534	REMOVE AND REINSTALL LIGHT POLES	L SUM	1	1	0
+	X0326806	WASHOUT BASIN	L SUM	1	1	0
Δ +	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3	3	0
Δ +	X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1	1	0
+	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	24	18	6
+	X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	1	1
+	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3379	3379	0
+	X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1	0
+	X6020097	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID, RESTRICTOR PLATE	EACH	1	0	1
+	X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1	0
+	X7010218	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0
Δ +	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1	0
+	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	627	554	73
+	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0
Δ +	Z0022800	FENCE REMOVAL	FOOT	309	309	0
+	Z0062456	TEMPORARY PAVEMENT	SQ YD	350	350	0
* +	Z0076600	TRAINEES	HOUR	500		0
* +	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		0

Δ SPECIALTY ITEMS

* 0042

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / STRUCTURE NO(S) / NOTE BOOK / NO. / BY / DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
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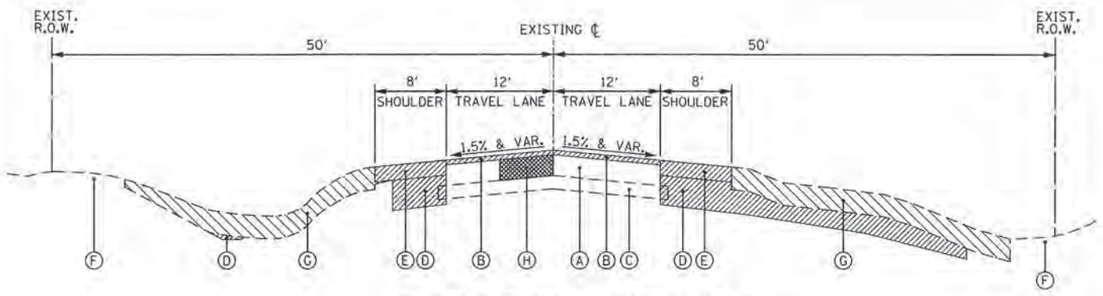
FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-quad.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 3/11/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

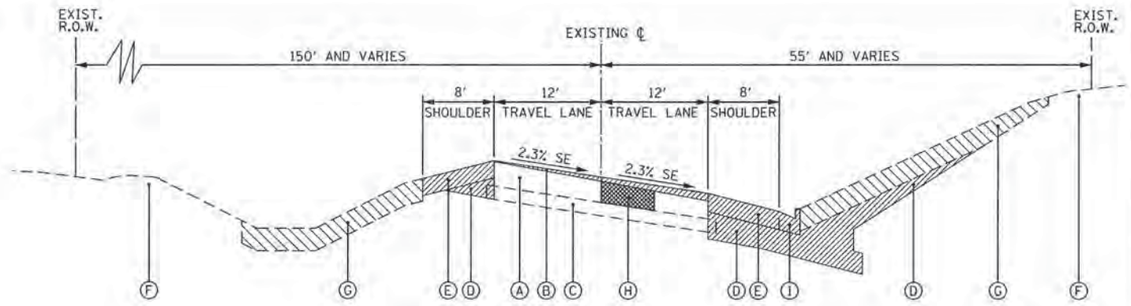
NOT TO SCALE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	4
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



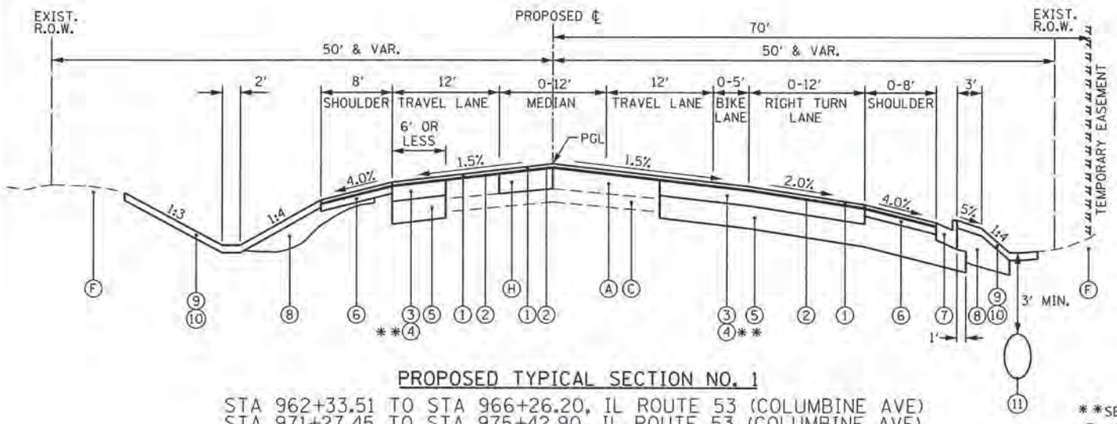
EXISTING TYPICAL SECTION NO. 1

STA 962+33.51 TO STA 966+26.20, IL ROUTE 53 (COLUMBINE AVE)
STA 971+27.45 TO STA 975+42.90, IL ROUTE 53 (COLUMBINE AVE)



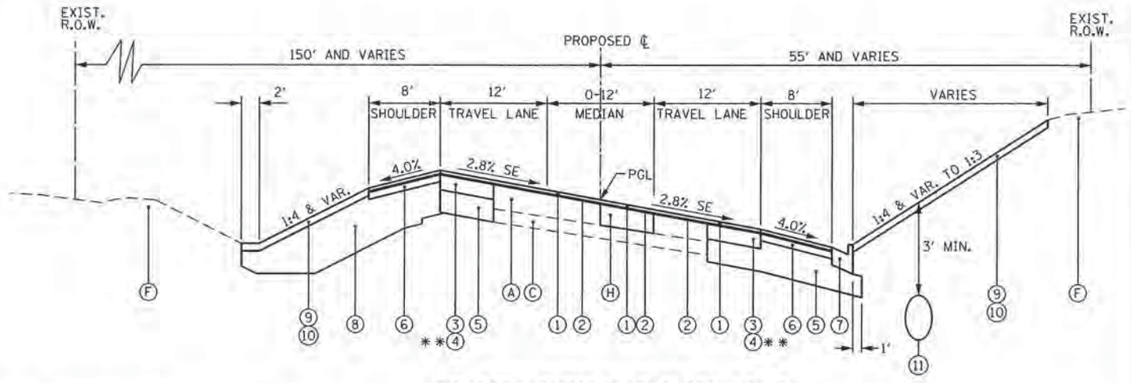
EXISTING TYPICAL SECTION NO. 2

STA 966+26.20 TO STA 971+27.45, IL ROUTE 53 (COLUMBINE AVE)



PROPOSED TYPICAL SECTION NO. 1

STA 962+33.51 TO STA 966+26.20, IL ROUTE 53 (COLUMBINE AVE)
STA 971+27.45 TO STA 975+42.90, IL ROUTE 53 (COLUMBINE AVE)



PROPOSED TYPICAL SECTION NO. 2

STA 966+26.20 TO STA 971+27.45, IL ROUTE 53 (COLUMBINE AVE)

**SEE PLANS FOR PAY ITEM STATION RANGES:
(3) APPLIES TO HMA WIDENING 6' WIDE OR LESS
(4) APPLIES TO HMA WIDENING MORE THAN 6' WIDE

LEGEND

REMOVAL ITEMS

(A) EXIST. BIT. PAVEMENT (VARIES 9.5" TO 13.5")
(B) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (X4401198)
(C) EXIST. CRUSHED STONE BASE COURSE (VARIES 1.5" TO 8.5")
(D) EARTH EXCAVATION (20200100)
(E) EXIST. BIT. SHOULDER (8")
PAVED SHOULDER REMOVAL (44004250)
(F) EXISTING TOPSOIL AND GROUND COVER
(G) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)*
(H) CLASS D PATCHES, 10 INCH (44201761 TO 44201771)*
(I) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TY. B-6.12
COMBINATION CURB AND GUTTER REMOVAL (44000500)

(1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 1-3/4" (40603565)
(2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4" (40600827)
(3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7-3/4" (35600707)
(4) HOT-MIX ASPHALT BASE COURSE, 7-3/4" (35501315)
(5) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
(6) HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
(7) COMBINATION CONCRETE CURB AND GUTTER (SEE PLANS FOR TYPE)
(8) EMBANKMENT (INCLUDED IN THE COST OF EARTH EXCAVATION)
(9) TOPSOIL FURNISH AND PLACE, 4" (21101615)***
(10) SEEDING (FOR SEEDING CLASS, SEE PLANS)
(11) STORM SEWER (SIZE VARIES - SEE DRAINAGE PLANS)

* AT LOCATIONS AS DETERMINED BY THE ENGINEER AFTER THE SURFACE HAS BEEN MILLED.

*** IN WETLANDS AS DETERMINED BY THE ENGINEER, REPLACE THIS ITEM WITH TOPSOIL FURNISH AND PLACE, 8" (21101630) AND COMPOST FURNISH AND PLACE, 4" (21101815).

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	AIR VOIDS @Ndes
PAVEMENT WIDENING	
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10-1/4"	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 1-3/4"	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"	3.5% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 7-3/4" (3-3/4" LIFT + 4" LIFT)	4% @ 90 GYR
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 1-3/4"	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"	3.5% @ 50 GYR
SHOULDER RECONSTRUCTION, 6"	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 1-3/4"	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"	3.5% @ 50 GYR
HMA SHOULDER (HMA BINDER IL-19 mm); 3-1/2" (IN ONE LIFT)	4% @ 90 GYR
HMA DRIVEWAYS, 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"	4% @ 50 GYR
HMA BINDER IL-19 mm; 6" (TWO 3" LIFTS)	4% @ 50 GYR
CLASS D PATCHES, 10"	
CLASS D PATCH (HMA BINDER IL-19 mm); 10" (TWO 5" LIFTS)	4% @ 70 GYR
TEMPORARY PAVEMENT, 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2"	4% @ 70 GYR
TEMP PAVEMENT (HMA BINDER IL-19 mm); 8" (TWO 4" LIFTS)	4% @ 70 GYR

NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SO YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA 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 "PERCENT OF RAP AND RAS". SEE DISTRICT ONE SPECIAL PROVISIONS.

PLAN / PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, ALIGNMENT CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

CHRISTOPHER B. BURKE ENGINEERING LTD. Rosemont, Illinois 60018 (847) 823-0500

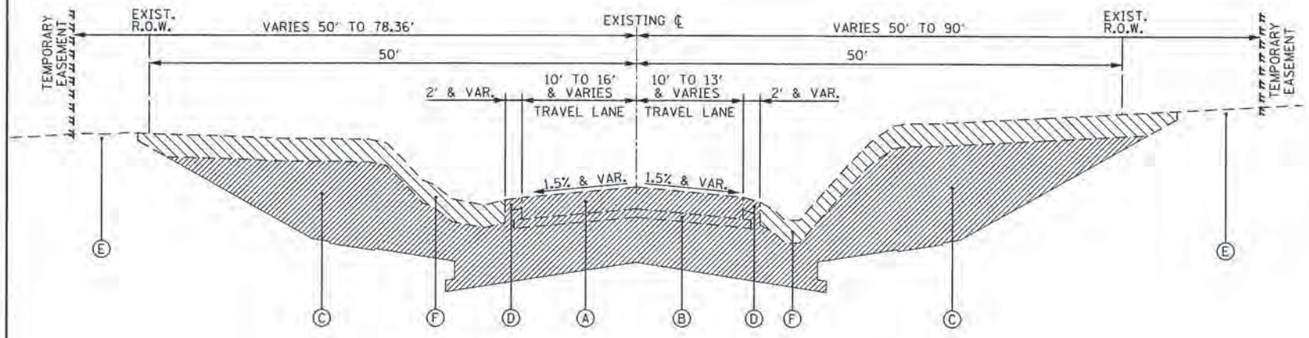
FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-typical-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
	PLOT SCALE = 20'	DRAWN - PMM	REVISED -
Default	PLOT DATE = 3/11/2016	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 (COLUMBINE AVENUE)
EXISTING AND PROPOSED TYPICAL SECTIONS
STA. 962+33.51 TO STA. 975+42.90

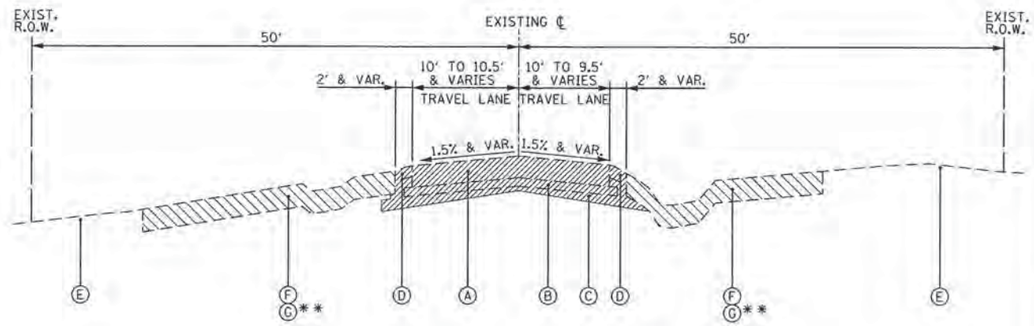
NOT TO SCALE | SHEET 1 OF 2 SHEETS | STA. 962+33.51 TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	5
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



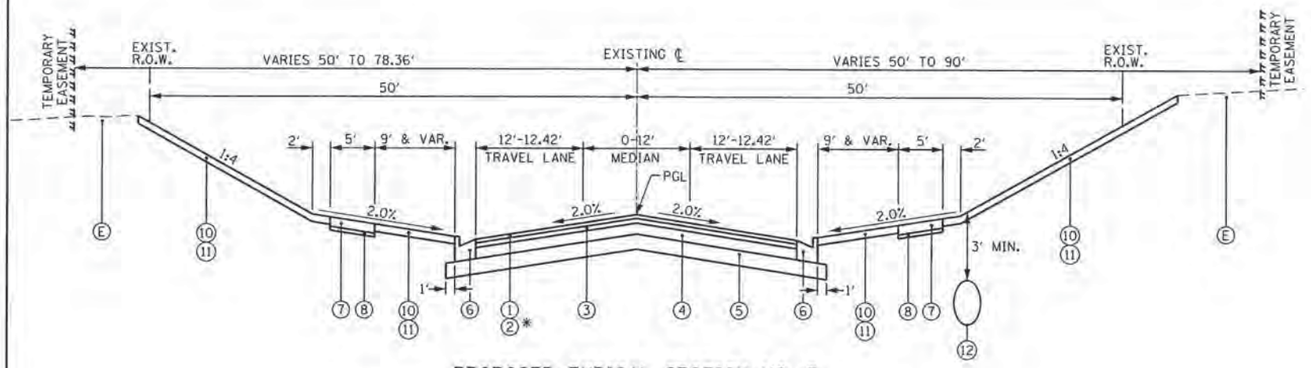
EXISTING TYPICAL SECTION NO. 3

STA 200+00.00 TO STA 204+15.37, MADISON STREET



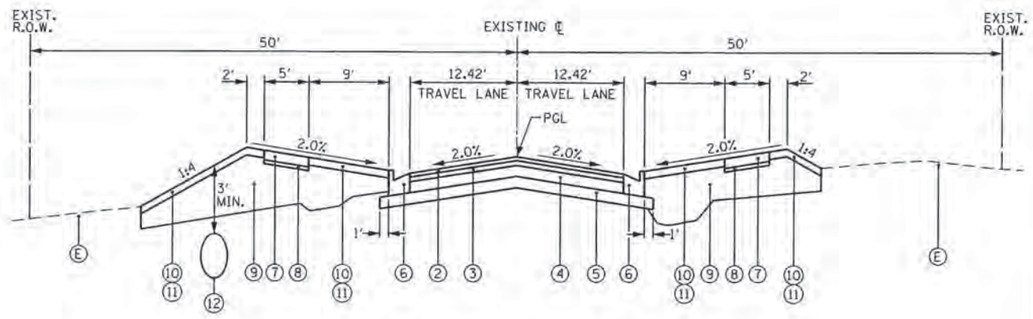
EXISTING TYPICAL SECTION NO. 4

STA 204+15.37 TO STA 210+13.00, MADISON STREET



PROPOSED TYPICAL SECTION NO. 3

STA 200+00.00 TO STA 204+15.37, MADISON STREET



PROPOSED TYPICAL SECTION NO. 4

STA 204+15.37 TO STA 210+13.00, MADISON STREET

LEGEND

REMOVAL ITEMS

Ⓐ EXIST. BIT. PAVEMENT (VARIES 9.5" TO 11.5") PAVEMENT REMOVAL (44000100)

Ⓑ EXIST. CRUSHED STONE BASE COURSE (VARIES 0 TO 4")

Ⓒ EARTH EXCAVATION (20200100)

Ⓓ EXIST. AGG. SHOULDER (VARIES 0 TO 4")

Ⓔ EXISTING TOPSOIL AND GROUND COVER

Ⓕ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)

① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 2" (40603565)*

② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" (40603335)*

③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/2" (40603080)

④ HOT-MIX ASPHALT BASE COURSE, 4-1/2" (35501302)

⑤ SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400)

⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)

⑦ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)

⑧ SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180)

⑨ EMBANKMENT (INCLUDED IN THE COST OF EARTH EXCAVATION)

⑩ TOPSOIL FURNISH AND PLACE, 4" (21101615)

⑪ SODDING, SALT TOLERANT (25200110)

⑫ STORM SEWER (SIZE VARIES - SEE DRAINAGE PLANS)

* SEE TABLE AT RIGHT FOR LIMITS WHERE THE TWO SURFACE COURSES WILL BE USED.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	AIR VOIDS @Ndes
PAVEMENT RECONSTRUCTION STA 200+00.00 TO STA 202+10.00	
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE; 4-1/2" (IN ONE LIFT)	4% @ 50 GYR
PAVEMENT RECONSTRUCTION STA 202+10.00 TO STA 210+13.00	
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE; 4-1/2" (IN ONE LIFT)	4% @ 50 GYR
HMA DRIVEWAYS, 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"	4% @ 50 GYR
HMA BINDER IL-19 mm; 6" (TWO 3" LIFTS)	4% @ 50 GYR

NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SO YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA 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 "PERCENT OF RAP AND RAS". SEE DISTRICT ONE SPECIAL PROVISIONS.

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN: DRAWN, PLOTTED, ALIGNMENT CHECKED, GRADES CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: DRAWN, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, STRUCTURE NO(S), NOTE BOOK, NO., BY, DATE

FILE NAME = N:\Lombard\118152.80002\CADD\Sheets\DI61A54-sht-typical-02.dgn	USER NAME = jpatrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 3/11/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON STREET
EXISTING AND PROPOSED TYPICAL SECTIONS
STA. 200+00.00 TO STA. 210+13.00

NOT TO SCALE | SHEET 2 OF 2 SHEETS | STA. 200+00 TO STA. 210+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	6
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

TABULATION OF EARTHWORK

	TOPSOIL STRIPPING (SQ FT)	EXCAVATION (EXCLUSIVE OF T/S STRIPPING, PAV'T REMOVAL, C&G REMOVAL, DRIVEWAY REMOVAL) (SQ FT)	EMBANKMENT (SQ FT)	PROPOSED TOPSOIL (SQ FT)	REMOVAL/ DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% SHRINKAGE FACTOR) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (CU YD)
TOTALS					**1776**	**1240**	**1054**	**1803**	**-748**	**514**
IL 53 (COLUMBINE AVE.)										
962+33.51	40.3	1.1	40.3	13.4	0.0	0.0	0.0	0.0	0.0	0.0
962+50.00	35.2	1.7	32.7	6.8	23.1	0.9	0.7	22.3	-21.6	6.2
962+74.94	45.4	4.1	46.2	6.5	37.2	2.7	2.3	36.4	-34.2	6.1
963+00.00	37.4	8.5	35.9	12.1	38.4	5.8	5.0	38.1	-33.1	8.6
963+17.22	14.9	19.6	15.7	4.7	16.7	9.0	7.6	16.5	-8.8	5.4
963+25.00	17.5	21.1	19.7	5.5	4.7	5.9	5.0	5.1	-0.1	1.5
963+50.00	38.5	14.3	36.3	11.2	25.9	16.4	13.9	25.9	-12.0	7.7
963+75.00	39.4	17.3	34.4	10.8	36.1	14.6	12.4	32.7	-20.3	10.2
964+00.00	40.8	19.7	19.7	10.3	37.1	17.1	14.6	25.0	-10.5	9.8
964+12.75	26.6	20.1	15.9	0.0	15.9	9.4	8.0	8.4	-0.4	2.4
964+14.91	26.6	20.8	15.3	0.0	2.1	1.6	1.4	1.2	0.1	0.0
964+25.00	42.5	29.5	12.0	9.7	12.9	9.4	8.0	5.1	2.9	1.8
964+50.00	44.1	29.6	11.4	9.7	40.1	27.4	23.3	10.8	12.4	9.0
964+75.00	42.6	26.2	11.4	8.8	40.1	25.8	22.0	10.6	11.4	8.6
965+00.00	46.6	31.0	12.2	10.0	41.3	26.5	22.5	10.9	11.6	8.7
965+13.70	24.2	127.6	10.8	6.6	18.0	40.2	34.2	5.8	28.4	4.2
965+25.00	52.5	44.9	12.9	11.8	16.1	36.1	30.7	5.0	25.7	3.9
965+50.00	61.0	45.1	15.0	14.4	52.5	41.7	35.4	12.9	22.5	12.1
965+75.00	60.1	32.1	22.9	13.8	56.1	35.7	30.4	17.5	12.8	13.1
965+98.32	37.4	20.3	27.2	7.8	42.1	22.6	19.2	21.6	-2.4	9.3
966+00.00	37.5	19.9	28.2	7.8	2.3	1.3	1.1	1.7	-0.7	0.5
966+25.00	88.6	69.6	53.0	17.3	58.4	41.4	35.2	37.6	-2.4	11.6
966+50.00	59.4	26.1	32.4	7.8	68.5	44.3	37.7	39.5	-1.9	11.6
966+75.00	27.1	30.4	29.6	7.0	40.0	26.2	22.2	28.7	-6.5	6.9
967+00.00	22.9	32.3	35.8	5.6	23.1	29.0	24.7	30.3	-5.6	5.8
967+25.00	80.9	138.0	48.4	18.3	48.1	78.8	67.0	39.0	28.0	11.1
967+50.00	52.2	11.6	59.6	12.8	61.6	69.3	58.9	50.0	8.9	14.4
967+75.00	36.0	5.6	56.4	9.4	40.8	8.0	6.8	53.7	-46.9	10.3
967+98.30	32.9	9.0	48.0	8.0	29.7	6.3	5.4	45.0	-39.7	7.5
968+00.00	46.0	9.2	63.3	12.3	2.5	0.6	0.5	3.5	-3.0	0.6
968+25.00	62.6	34.1	58.7	32.9	50.3	20.0	17.0	56.5	-39.4	20.9
968+50.00	56.6	44.7	67.4	31.5	55.2	36.5	31.0	58.4	-27.4	29.8
968+75.00	57.7	43.0	76.1	31.7	52.9	40.6	34.5	66.4	-31.9	29.3
969+00.00	56.4	42.8	80.5	31.4	52.8	39.7	33.8	72.5	-38.7	29.2
969+25.00	55.1	41.5	82.4	30.8	51.6	39.0	33.2	75.4	-42.2	28.8
969+50.00	59.2	24.1	81.2	26.0	52.9	30.4	25.8	75.7	-49.9	26.3
969+75.00	41.0	24.3	66.8	20.7	46.4	22.4	19.0	68.5	-49.5	21.6
969+91.72	34.5	18.5	40.4	0.5	23.4	13.3	11.3	33.2	-21.9	6.6
970+00.00	39.1	19.9	49.1	10.1	11.3	5.9	5.0	13.7	-8.7	1.6
970+25.00	34.3	18.1	70.1	8.4	34.0	17.6	15.0	55.2	-40.2	8.6
970+32.81	33.7	18.4	70.1	8.2	9.8	5.3	4.5	20.3	-15.8	2.4
970+50.00	34.5	17.6	70.3	8.6	21.7	11.5	9.7	44.7	-35.0	5.3
970+75.00	35.7	17.8	68.0	8.9	32.5	16.4	13.9	64.0	-50.1	8.1
971+00.00	37.5	18.5	64.5	9.5	33.9	16.8	14.3	61.3	-47.1	8.5
971+23.59	31.4	25.5	60.4	7.8	30.1	19.2	16.3	54.6	-38.2	7.6
971+25.00	31.3	25.6	60.3	7.9	1.6	1.3	1.1	3.2	-2.0	0.4
971+44.60	29.2	25.0	54.5	7.4	22.0	18.4	15.6	41.7	-26.1	5.6
971+50.00	28.8	25.6	52.9	7.3	5.8	5.1	4.3	10.7	-6.4	1.5
971+75.00	29.7	19.9	44.4	7.0	27.1	21.1	17.9	45.0	-27.1	6.6
972+00.00	31.3	21.6	39.6	7.6	28.2	19.2	16.3	38.9	-22.6	6.8
972+25.00	26.3	23.1	29.8	5.9	26.7	20.7	17.6	32.1	-14.5	6.3
972+50.00	24.7	23.4	25.3	5.3	23.6	21.5	18.3	25.5	-7.2	5.2
972+75.00	26.0	23.3	24.1	5.9	23.5	21.6	18.4	22.9	-4.5	5.2
973+00.00	25.9	22.1	23.0	6.4	24.0	21.0	17.9	21.8	-3.9	5.7
973+25.00	21.6	20.5	18.4	5.1	22.0	19.7	16.8	19.2	-2.4	5.3
973+50.00	20.6	19.0	16.8	5.2	19.5	18.3	15.5	16.3	-0.8	4.8
973+75.00	20.5	17.6	17.8	5.5	19.0	16.9	14.4	16.0	-1.6	5.0
974+00.00	17.6	16.8	15.7	4.9	17.6	15.9	13.5	15.5	-2.0	4.8
974+25.00	10.6	16.4	11.6	3.7	13.1	15.4	13.1	12.6	0.4	4.0
974+50.00	2.5	2.3	3.1	0.4	6.1	8.7	7.4	6.8	0.6	1.9
974+75.00	2.7	3.2	7.9	0.9	2.4	2.5	2.2	5.1	-2.9	0.6
975+00.00	1.7	2.6	3.3	0.4	2.0	2.7	2.3	5.2	-2.9	0.6
975+25.00	1.1	1.6	2.2	0.3	1.3	1.9	1.7	2.5	-0.9	0.3

	TOPSOIL STRIPPING (SQ FT)	EXCAVATION (EXCLUSIVE OF T/S STRIPPING, PAV'T REMOVAL, C&G REMOVAL, DRIVEWAY REMOVAL) (SQ FT)	EMBANKMENT (SQ FT)	PROPOSED TOPSOIL (SQ FT)	REMOVAL/ DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (15% SHRINKAGE FACTOR) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (CU YD)
TOTALS					**2172**	**5909**	**5022**	**1007**	**4016**	**533**
MADISON STREET										
200+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200+50.00	108.3	387.3	1.7	16.7	100.3	358.6	304.8	1.6	303.2	15.5
201+00.00	106.2	541.3	2.0	26.1	198.6	859.8	730.8	3.4	727.4	39.6
201+50.00	110.5	537.1	2.7	29.1	200.6	998.5	848.7	4.4	844.4	51.1
202+00.00	112.4	488.8	2.5	29.6	206.4	949.9	807.4	4.8	802.6	54.4
202+18.05	47.1	529.9	1.4	12.4	53.3	340.5	289.4	1.3	288.1	14.0
202+50.00	44.5	368.1	1.2	10.6	54.2	531.3	451.6	1.5	450.1	13.6
202+60.99	0.0	436.2	0.0	0.0	9.1	163.7	139.1	0.2	138.9	2.2
202+67.16	0.0	417.8	0.0	0.0	0.0	97.6	82.9	0.0	82.9	0.0
203+00.00	78.5	153.6	3.6	17.9	47.7	347.5	295.4	2.2	293.2	10.9
203+50.00	68.7	94.5	5.4	14.8	136.3	229.7	195.3	8.3	186.9	30.3
203+74.11	31.0	110.7	4.7	6.6	44.5	91.6	77.9	4.5	73.4	9.6
204+00.00	55.3	54.5	16.6	10.4	41.4	79.2	67.3	10.2	57.1	8.2
204+14.65	31.4	64.8	14.9	5.9	23.5	32.4	27.5	8.5	19.0	4.4
204+50.00	70.3	27.4	73.0	15.8	66.6	60.4	51.3	57.5	-6.2	14.2
205+00.00	32.0	25.0	40.6	6.8	94.7	48.5	41.2	105.2	-63.9	20.9
205+05.59	31.7	26.6	38.8	6.7	6.6	5.3	4.5	8.2	-3.7	1.4
205+36.42	31.6	39.6	20.3	7.0	36.1	37.8	32.1	33.7	-1.6	7.8
205+50.00	68.9	35.5	53.4	17.2	25.3	18.9	16.1	18.5	-2.5	6.1
205+72.81	36.9	85.3	38.8	10.1	44.7	51.0	43.4	38.9	4.4	11.5
206+00.00	36.2	90.6	42.7	10.2	36.8	88.6	75.3	41.0	34.2	10.2
206+06.98	37.6	84.9	46.7	10.7	9.5	22.7	19.3	11.6	7.7	2.7
206+38.57	73.8	31.1	67.2	19.9	65.2	67.9	57.7	66.6	-9.0	17.9
206+50.00	69.4	27.0	69.9	18.3	30.3	12.3	10.5	29.0	-18.6	8.1
206+95.81	40.7	27.2	31.6	11.4	93.4	46.0	39.1	86.1	-47.0	25.2
207+00.00	40.0	28.2	31.6	10.8	6.3	4.3	3.7	4.9	-1.3	1.7
207+18.01	41.7	34.1	19.1	11.4	27.2	20.8	17.7	16.9	0.8	7.4
207+50.00	75.5	28.1	52.6	21.6	69.4	36.8	31.3	42.5	-11.2	19.5
207+60.78	33.8	51.9	38.8	9.8	21.8	16.0	13.6	18.2	-4.7	6.3
207+76.07	24.4	28.2	20.7	5.5	16.5	22.7	19.3	16.8	2.4	4.3
208+00.00	64.4	31.9	44.8	17.4	39.4	26.6	22.6	29.0	-6.4	10.1
208+22.95	29.8	67.3	29.1	8.3	40.0	42.2	35.8	31.4	4.4	10.9
208+50.00	61.5	36.7	44.0	16.5	45.7	52.1	44.3	36.6	7.7	12.4
208+99.62	37.2	45.8	19.2	10.5	90.7	75.8	64.4	58.1	6.4	24.8
209+00.00	37.9	46.1	19.3	10.8	0.5	0.6	0.5	0.3	0.3	0.1
209+50.00	65.5	14.2	67.2	18.6	95.7	55.8	47.5	80.1	-32.6	27.2
209+92.06	54.9	5.2	92.1	17.7	93.8	15.1	12.8	124.1	-111.2	28.3

EARTHWORK SUMMARY

	REMOVAL/ DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION AVAILABLE FOR EMBANKMENTS ADJUSTED BY 15% SHRINKAGE FACTOR (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE ("+" = WASTE, "-" = SHORTAGE) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (CU YD)
PROJECT TOTALS	**3948**	**7149**	**6077**	**2809**	**3267**	**1047**
IL Route 53	1776	1240	1054	1803	-748	514
Madison Street	2172	5909	5022	1007	4016	533

TOTAL REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 3948 CU YD FROM TOPSOIL STRIP + 3267 CU YD FROM EARTHWORK BALANCE + 70 CU YD FROM UNDERCUT = 7285 CU YD

PLAN — SURVEYED, PLOTTED, QUANTITIES CHECKED, R/W, OF WAY CHECKED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, QUANTITIES CHECKED, BAL. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK NO., BY, DATE

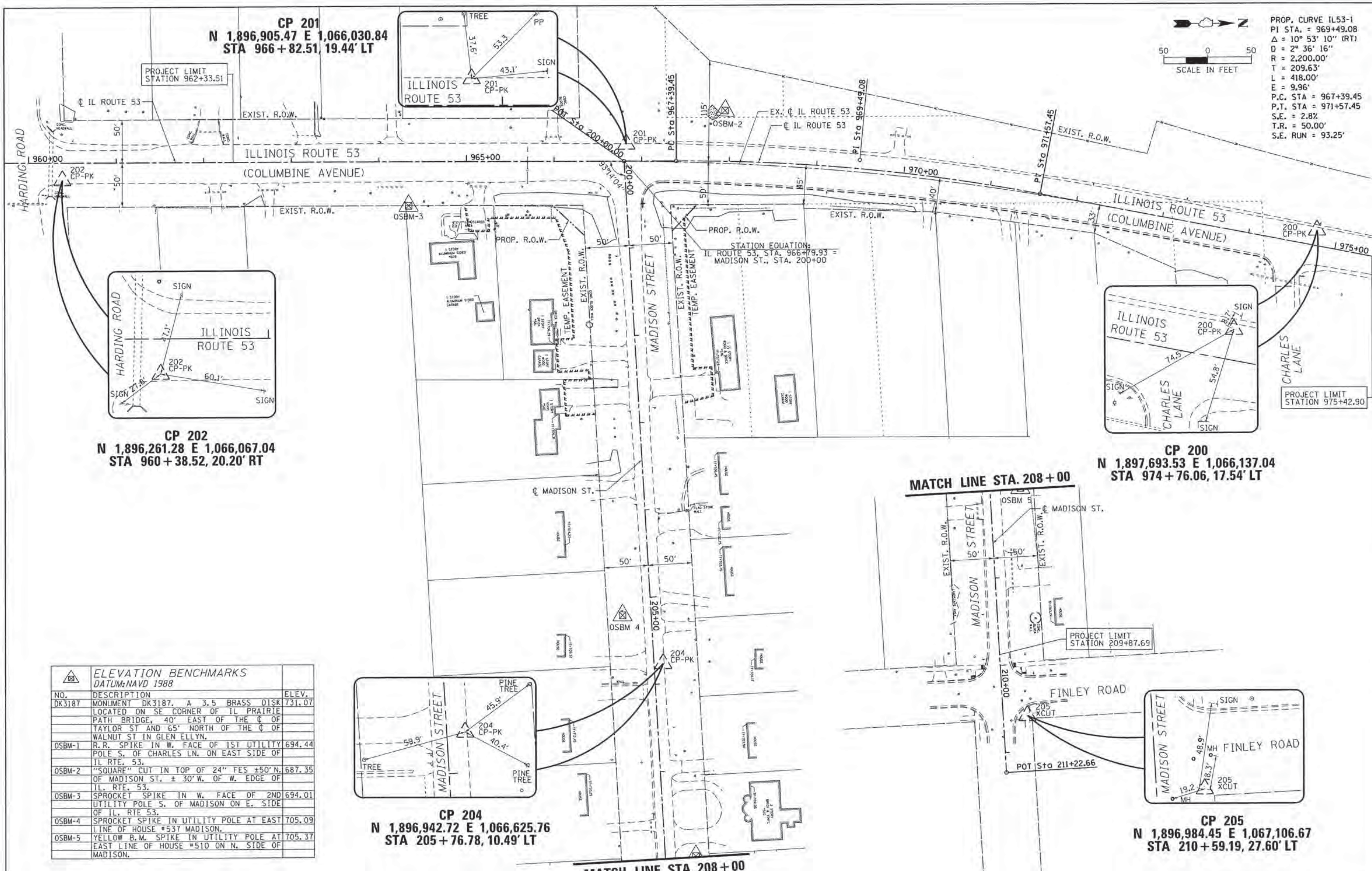
CHRISTOPHER B. BURKE ENGINEERING LTD., 9575 West Higgins Rd., Suite 600, Rosemont, Illinois 60018, (847) 823-0500

FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D161454-sht-sched.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - PMM	REVISED -	
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -	
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -	

SCHEDULE OF QUANTITIES

NOT TO SCALE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	7
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		



ELEVATION BENCHMARKS DATUM:NAVD 1988		
NO.	DESCRIPTION	ELEV.
DK3187	MONUMENT DK3187. A 3.5 BRASS DISK LOCATED ON SE CORNER OF IL PRAIRIE PATH BRIDGE, 40' EAST OF THE ℄ OF TAYLOR ST AND 65' NORTH OF THE ℄ OF WALNUT ST IN GLEN ELLYN.	731.07
OSBM-1	R.R. SPIKE IN W. FACE OF 1ST UTILITY POLE S. OF CHARLES LN. ON EAST SIDE OF IL RTE. 53.	694.44
OSBM-2	"SQUARE" CUT IN TOP OF 24" FES ±50' N. OF MADISON ST. ± 30' W. OF W. EDGE OF IL. RTE. 53.	687.35
OSBM-3	SPROCKET SPIKE IN W. FACE OF 2ND UTILITY POLE S. OF MADISON ON E. SIDE OF IL. RTE 53.	694.01
OSBM-4	SPROCKET SPIKE IN UTILITY POLE AT EAST LINE OF HOUSE #537 MADISON.	705.09
OSBM-5	YELLOW B.M. SPIKE IN UTILITY POLE AT EAST LINE OF HOUSE #510 ON N. SIDE OF MADISON.	705.37

FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-atb.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
	PLOT SCALE = 50'	DRAWN - PMM	REVISED -
Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

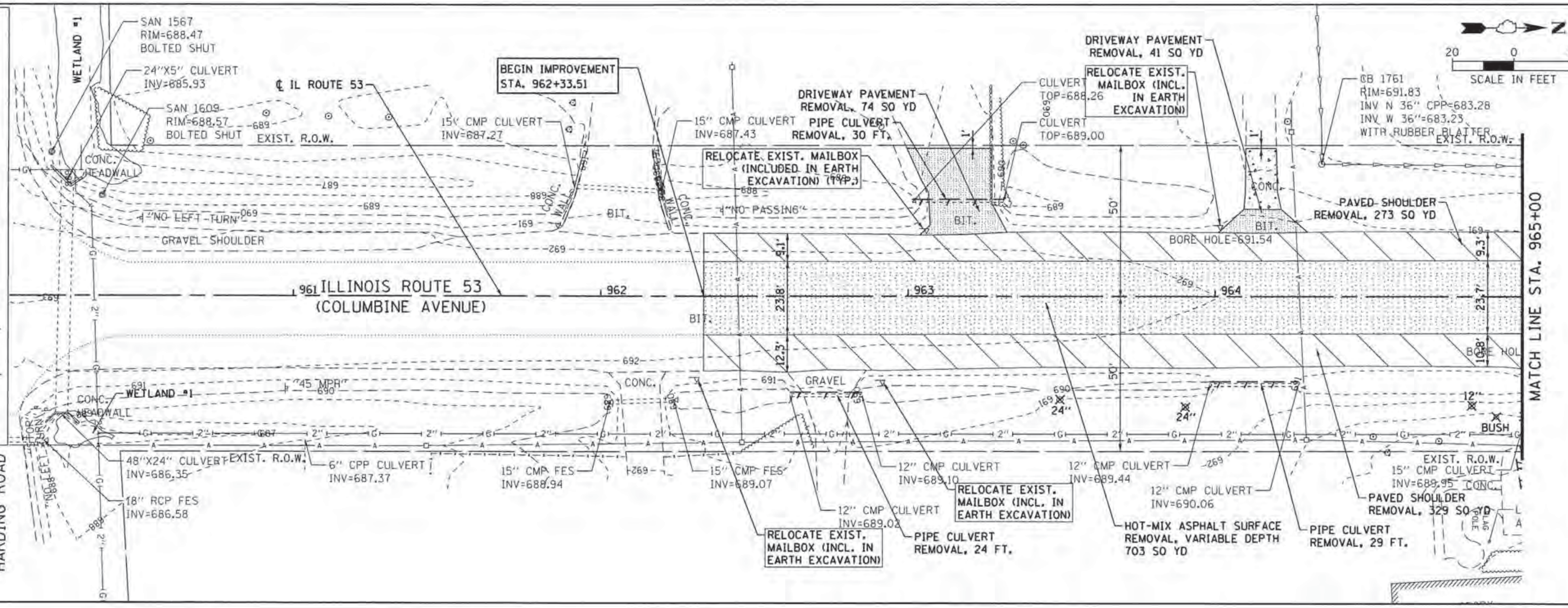
ILLINOIS ROUTE 53 AT MADISON ST
ALIGNMENT TIES AND BENCHMARKS

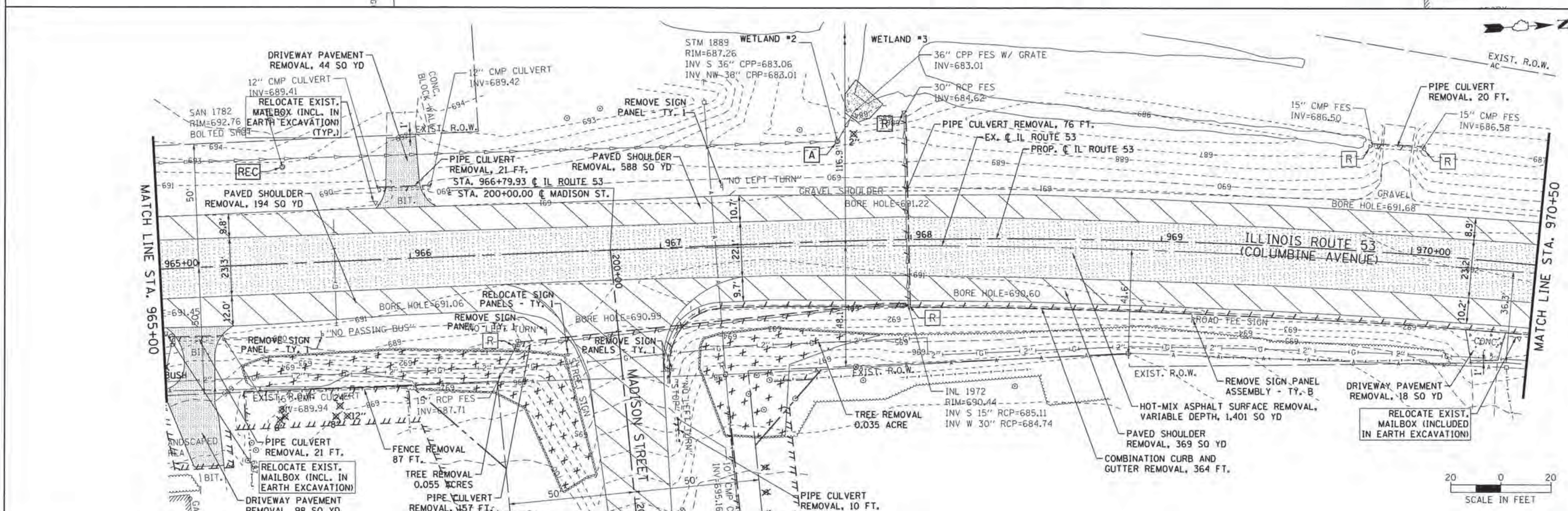
SCALE: 1" = 50' | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	8
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

LEGEND:

- PAVEMENT REMOVAL
- SHOULDER REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- HMA DRIVEWAY PAVEMENT REMOVAL
- PCC REMOVAL (DRIVEWAY PAVEMENT, SIDEWALK)
- TREE REMOVAL, ACRES
- A — ADJUST MANHOLE, CATCH BASIN OR INLET
- REC — RECONSTRUCT MANHOLE, CATCH BASIN OR INLET
- R — REMOVE MANHOLE, CATCH BASIN OR INLET
- STORM SEWER REMOVAL, CULVERT REMOVAL
- 6" — TREE REMOVAL OF SIZE SHOWN
- FENCE REMOVAL, CURB & GUTTER REMOVAL
- TEMPORARY EASEMENT
- EXISTING ROW
- PROPOSED ROW





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FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-plan-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
	PLOT SCALE = 20'	DRAWN - PMM	REVISED -
Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

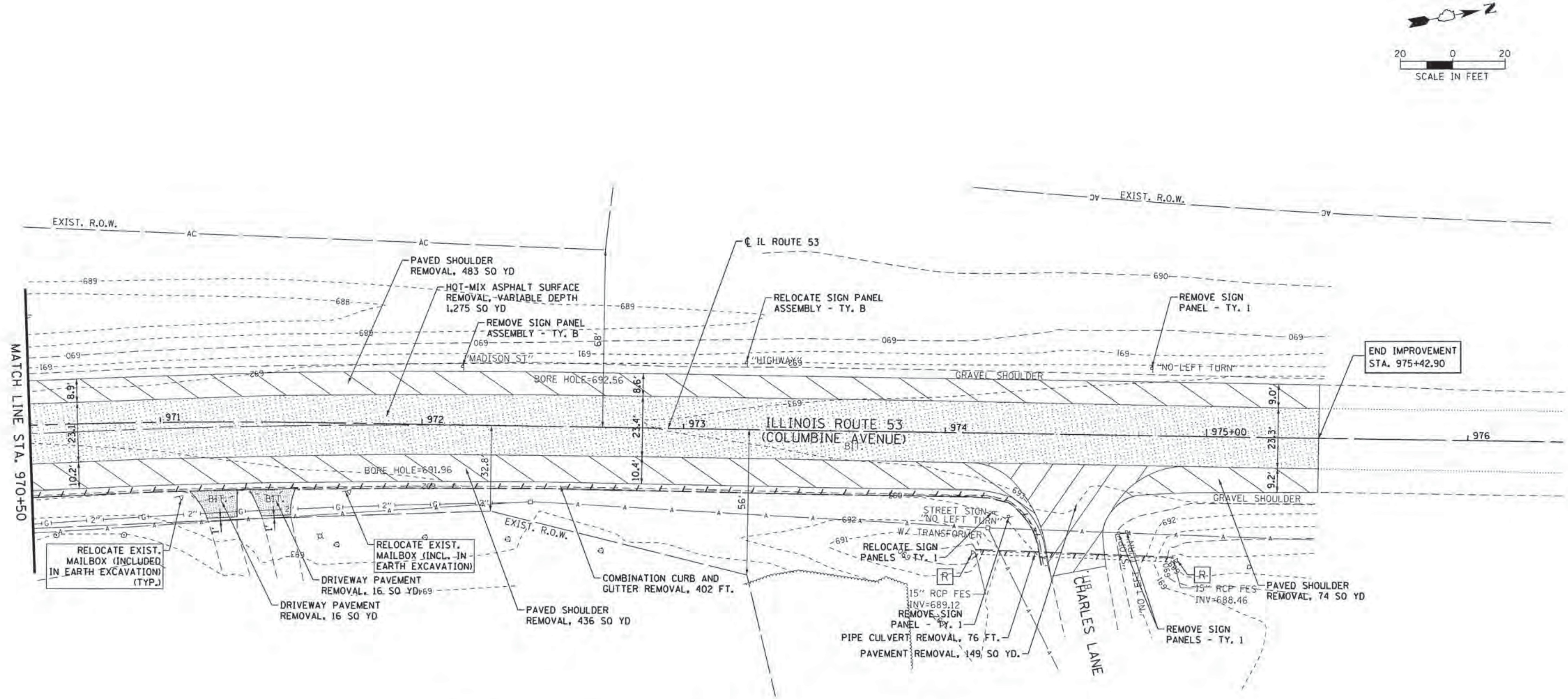
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
REMOVAL PLAN
STA. 962+33.51 TO STA. 970+50

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 962+33.51 TO STA. 970+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	9
		CONTRACT NO. 61A54		

ILLINOIS FED. AID PROJECT



LEGEND:

Symbol	Description
	PAVEMENT REMOVAL
	SHOULDER REMOVAL
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	HMA DRIVEWAY PAVEMENT REMOVAL
	PCC REMOVAL (DRIVEWAY PAVEMENT, SIDEWALK)
+ +	TREE REMOVAL, ACRES
A	ADJUST MANHOLE, CATCH BASIN OR INLET
REC	RECONSTRUCT MANHOLE, CATCH BASIN OR INLET
R	REMOVE MANHOLE, CATCH BASIN OR INLET
	STORM SEWER REMOVAL, CULVERT REMOVAL
X 6"	TREE REMOVAL OF SIZE SHOWN
	FENCE REMOVAL, CURB & GUTTER REMOVAL
	TEMPORARY EASEMENT
	EXISTING ROW
	PROPOSED ROW

FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-plan-02.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
REMOVAL PLAN
STA. 970+50 TO STA. 975+42.90

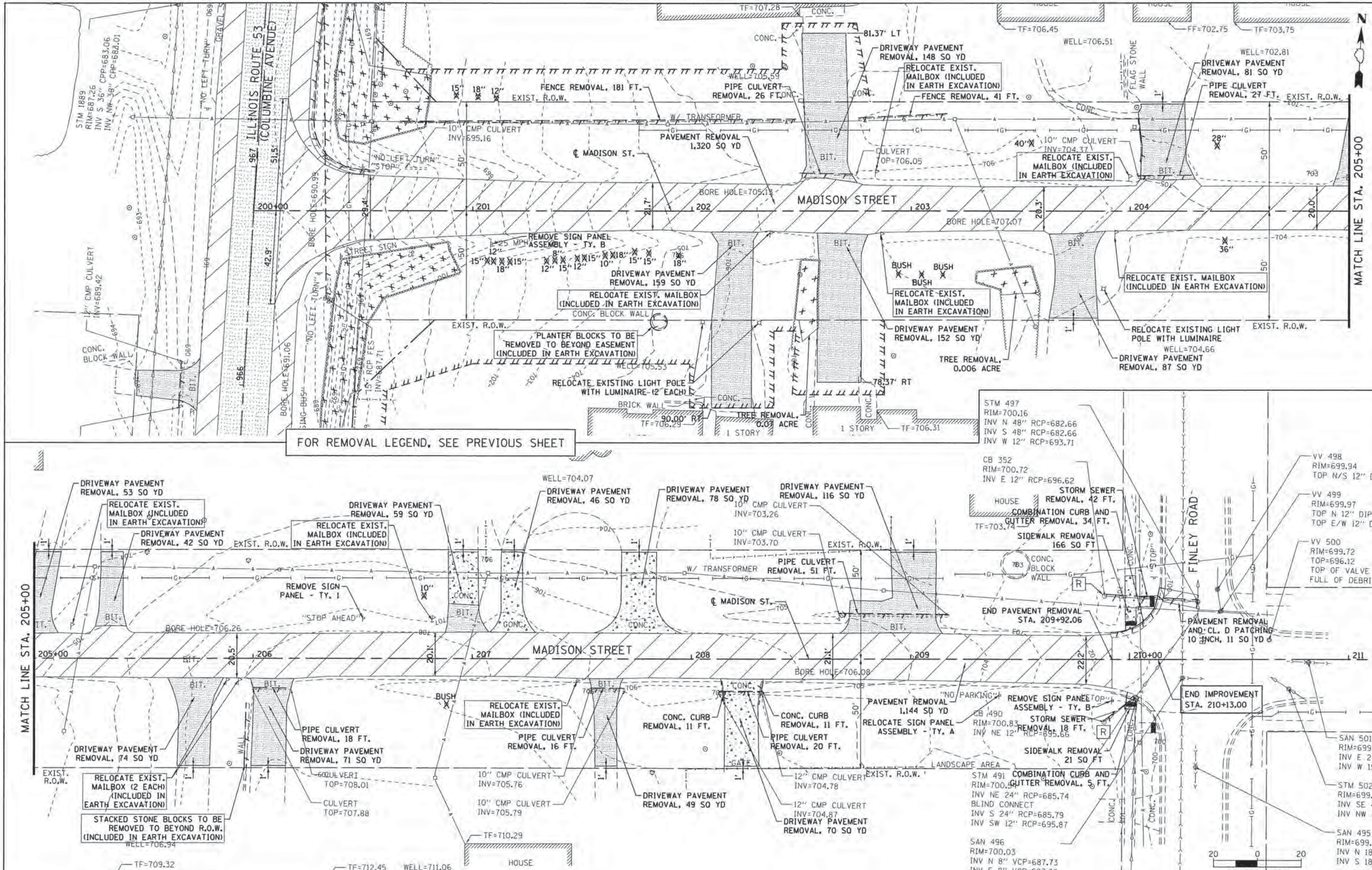
SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 970+50 TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	10
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

CHRISTOPHER B. BURKE ENGINEERING, LTD.

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK NO. | BY | DATE

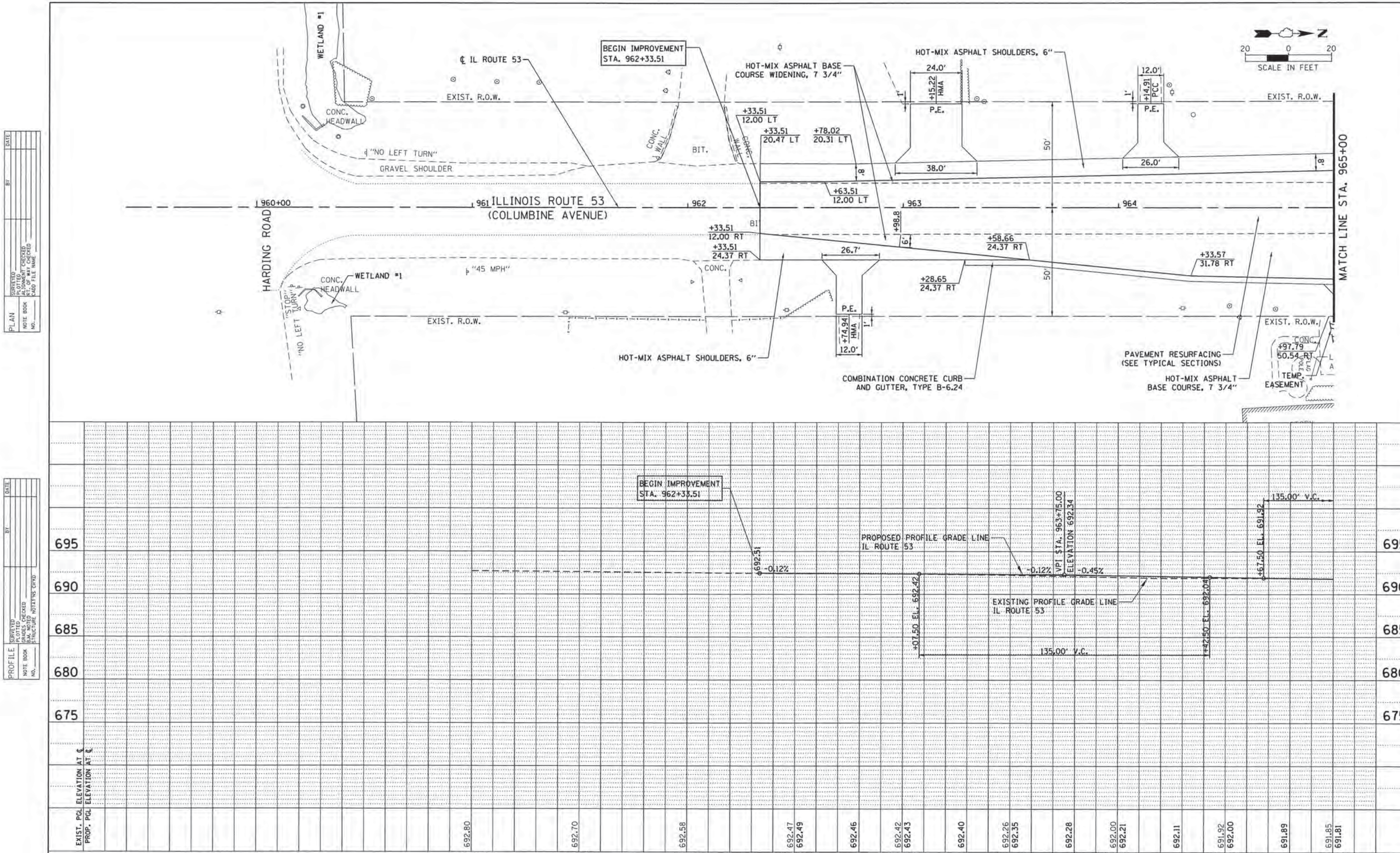
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK NO. | BY | DATE


ILLINOIS ROUTE 53
(COLUMBINE AVENUE)
MADISON STREET
℄ MADISON ST.
FENCE REMOVAL, 181 FT.
EXIST. R.O.W.
PAVEMENT REMOVAL 1,320 SQ YD
PIPE CULVERT REMOVAL, 26 FT.
DRIVEWAY PAVEMENT REMOVAL, 148 SQ YD
RELOCATE EXIST. MAILBOX (INCLUDED IN EARTH EXCAVATION)
FENCE REMOVAL, 41 FT.
DRIVEWAY PAVEMENT REMOVAL, 81 SQ YD
PIPE CULVERT REMOVAL, 27 FT.
10" CMP CULVERT INV=695.16
10" CMP CULVERT INV=704.37
CULVERT TOP=706.05
BORE HOLE=705.13
BORE HOLE=707.07
BORE HOLE=690.95
REMOVE SIGN PANEL ASSEMBLY - TY. B
DRIVEWAY PAVEMENT REMOVAL, 159 SQ YD
RELOCATE EXIST. MAILBOX (INCLUDED IN EARTH EXCAVATION)
CONC. BLOCK WALL
PLANTER BLOCKS TO BE REMOVED TO BEYOND EASEMENT (INCLUDED IN EARTH EXCAVATION)
RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE (2 EACH)
WELL=705.53
BRICK WALL
TF=706.29
TREE REMOVAL, 0.07 ACRE
1 STORY
TF=706.31
DRIVEWAY PAVEMENT REMOVAL, 152 SQ YD
TREE REMOVAL, 0.006 ACRE
78.37' RT
81.37' LT
90.00' RT
RELOCATE EXIST. MAILBOX (INCLUDED IN EARTH EXCAVATION)
RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE
DRIVEWAY PAVEMENT REMOVAL, 87 SQ YD
WELL=704.66
WELL=706.51
WELL=702.81
TF=707.28
TF=706.45
FF=702.75
TF=703.75
STM 1889 RIM=687.26 INV S 36" CPP=683.06 INV NW 38" CHP=683.01
12" CMP CULVERT INV=689.42
15" RCP FES INV=687.71
CONC. BLOCK WALL
MATCH LINE STA. 205+00
FOR REMOVAL LEGEND, SEE PREVIOUS SHEET
DRIVEWAY PAVEMENT REMOVAL, 53 SQ YD
RELOCATE EXIST. MAILBOX (INCLUDED IN EARTH EXCAVATION)
DRIVEWAY PAVEMENT REMOVAL, 42 SQ YD
DRIVEWAY PAVEMENT REMOVAL, 59 SQ YD
RELOCATE EXIST. MAILBOX (INCLUDED IN EARTH EXCAVATION)
WELL=704.07
DRIVEWAY PAVEMENT REMOVAL, 46 SQ YD
DRIVEWAY PAVEMENT REMOVAL, 78 SQ YD
DRIVEWAY PAVEMENT REMOVAL, 116 SQ YD
10" CMP CULVERT INV=703.26
10" CMP CULVERT INV=703.70
PIPE CULVERT REMOVAL, 51 FT.
REMOVE SIGN PANEL - TY. 1
"STOP AHEAD"
BORE HOLE=706.26
BORE HOLE=706.08
DRIVEWAY PAVEMENT REMOVAL, 74 SQ YD
RELOCATE EXIST. MAILBOX (2 EACH) (INCLUDED IN EARTH EXCAVATION)
STACKED STONE BLOCKS TO BE REMOVED TO BEYOND R.O.W. (INCLUDED IN EARTH EXCAVATION)
WELL=706.94
TF=709.32
PIPE CULVERT REMOVAL, 18 FT.
DRIVEWAY PAVEMENT REMOVAL, 71 SQ YD
CULVERT TOP=708.01
CULVERT TOP=707.88
RELOCATE EXIST. MAILBOX (INCLUDED IN EARTH EXCAVATION)
PIPE CULVERT REMOVAL, 16 FT.
10" CMP CULVERT INV=705.76
10" CMP CULVERT INV=705.79
TF=710.29
HOUSE
TF=712.45
WELL=711.06
CONC. CURB REMOVAL, 11 FT.
DRIVEWAY PAVEMENT REMOVAL, 49 SQ YD
CONC. CURB REMOVAL, 11 FT.
PIPE CULVERT REMOVAL, 20 FT.
12" CMP CULVERT INV=704.78
12" CMP CULVERT INV=704.87
DRIVEWAY PAVEMENT REMOVAL, 70 SQ YD
PAVEMENT REMOVAL 1,144 SQ YD
RELOCATE SIGN PANEL ASSEMBLY - TY. A
"NO PARKING"
CB 490 RIM=700.83 INV NE 12" RCP=695.66
REMOVE SIGN PANEL ASSEMBLY - TY. B
STORM SEWER REMOVAL, 18 FT.
SIDEWALK REMOVAL 21 SQ FT
COMBINATION CURB AND GUTTER REMOVAL, 5 FT.
LANDSCAPE AREA
STM 491 RIM=700.54 INV NE 24" RCP=685.74 BLIND CONNECT INV S 24" RCP=685.79 INV SW 12" RCP=695.87
SAN 496 RIM=700.03 INV N 8" VCP=687.73 INV E 8" VCP=687.68
STM 497 RIM=700.16 INV N 48" RCP=682.66 INV S 48" RCP=682.66 INV W 12" RCP=693.71
CB 352 RIM=700.72 INV E 12" RCP=696.62
HOUSE
TF=703.74
STORM SEWER REMOVAL, 42 FT.
COMBINATION CURB AND GUTTER REMOVAL, 34 FT.
SIDEWALK REMOVAL 166 SQ FT
CONC. BLOCK WALL
END PAVEMENT REMOVAL STA. 209+92.06
PAVEMENT REMOVAL AND CL. D PATCHING 10 INCH, 11 SQ YD
END IMPROVEMENT STA. 210+13.00
FINLEY ROAD
VV 498 RIM=699.94 TOP N/S 12" DIP
VV 499 RIM=699.97 TOP N 12" DIP TOP E/W 12" DIP
VV 500 RIM=699.72 TOP=696.12 TOP OF VALVE NU FULL OF DEBRIS
SAN 501 RIM=699.42 INV E 24" INV W 15"
STM 502 RIM=699.55 INV SE 48" INV NW 48"
SAN 495 RIM=699.70 INV N 18" INV S 18"
SCALE IN FEET

CHRISTOPHER B. BURKE ENGINEERING LTD.

FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\01614-54-sht-plan-03.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON ST REMOVAL PLAN STA. 200+00 TO STA. 209+88
		DRAWN - PMM	REVISED -		
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -		
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -		SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 200+00 TO STA. 209+88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	11
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



FILE NAME = N:\Lombard\110152.00002\CADD.Sheets\D161A54-sht-planprf-01.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
		DRAWN - JS	REVISED -
Default	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
	PLOT DATE = 10/12/2015	DATE -	REVISED -

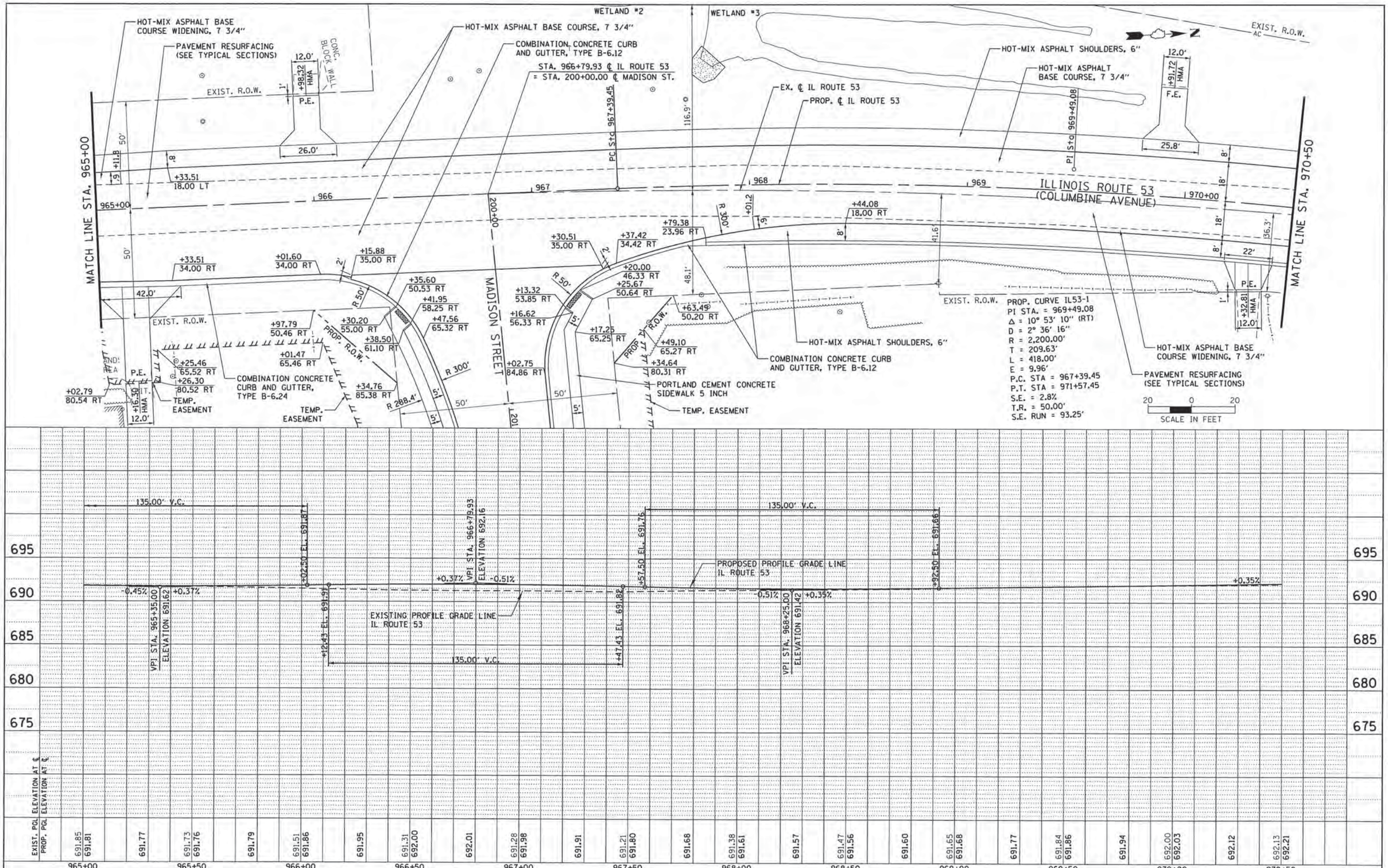
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
ROADWAY PLAN AND PROFILE
STA. 962+33.51 TO STA. 965+00

SCALE: 20H 5V | SHEET 1 OF 5 SHEETS | STA. 962+33.51 TO STA. 965+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	12
		CONTRACT NO. 61A54		

ILLINOIS FED. AID PROJECT



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N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-planprf-02.dgn		DRAWN – JS	REVISED –
Default	PLOT SCALE = 20'	CHECKED – JGS	REVISED –
	PLOT DATE = 10/12/2015	DATE –	REVISED –

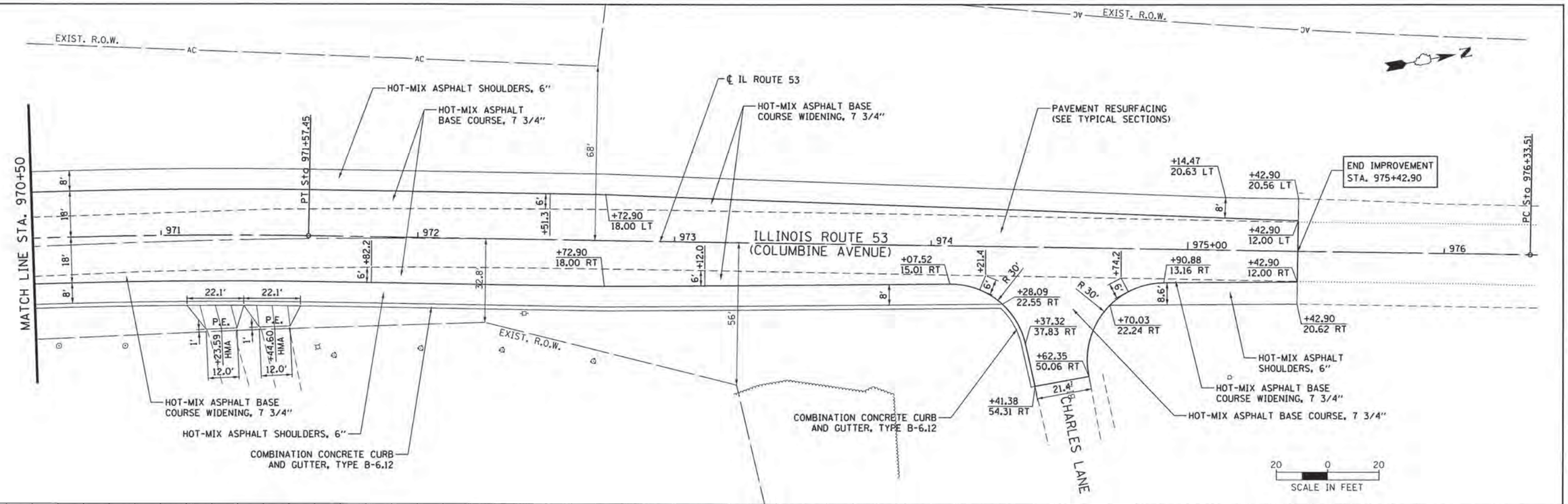
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
ROADWAY PLAN AND PROFILE
STA. 965+00 TO STA. 970+50

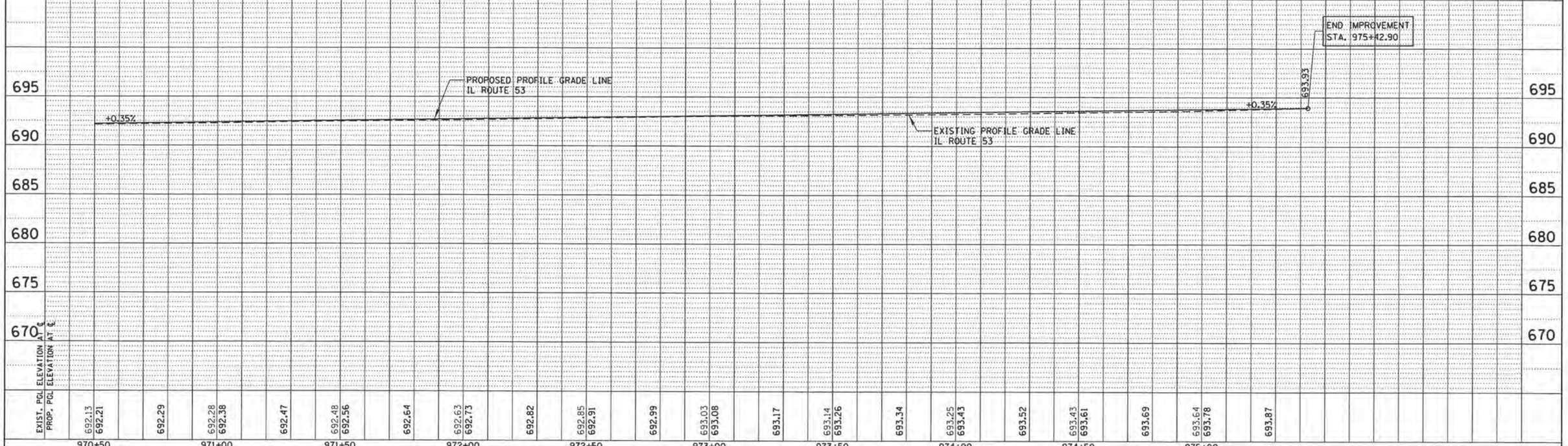
SCALE: 20H 5V | SHEET 2 OF 5 SHEETS | STA. 965+00 TO STA. 970+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	13
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

PLAN
SURVEYED
DRAWN
GRADES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
ADD'D TILE NAME
NOTE BOOK
NO.
BY
DATE



PROFILE
SURVEYED
DRAWN
GRADES CHECKED
BAR. NOTED
STRUCTURE NOTATING CKD
NOTE BOOK
NO.
BY
DATE



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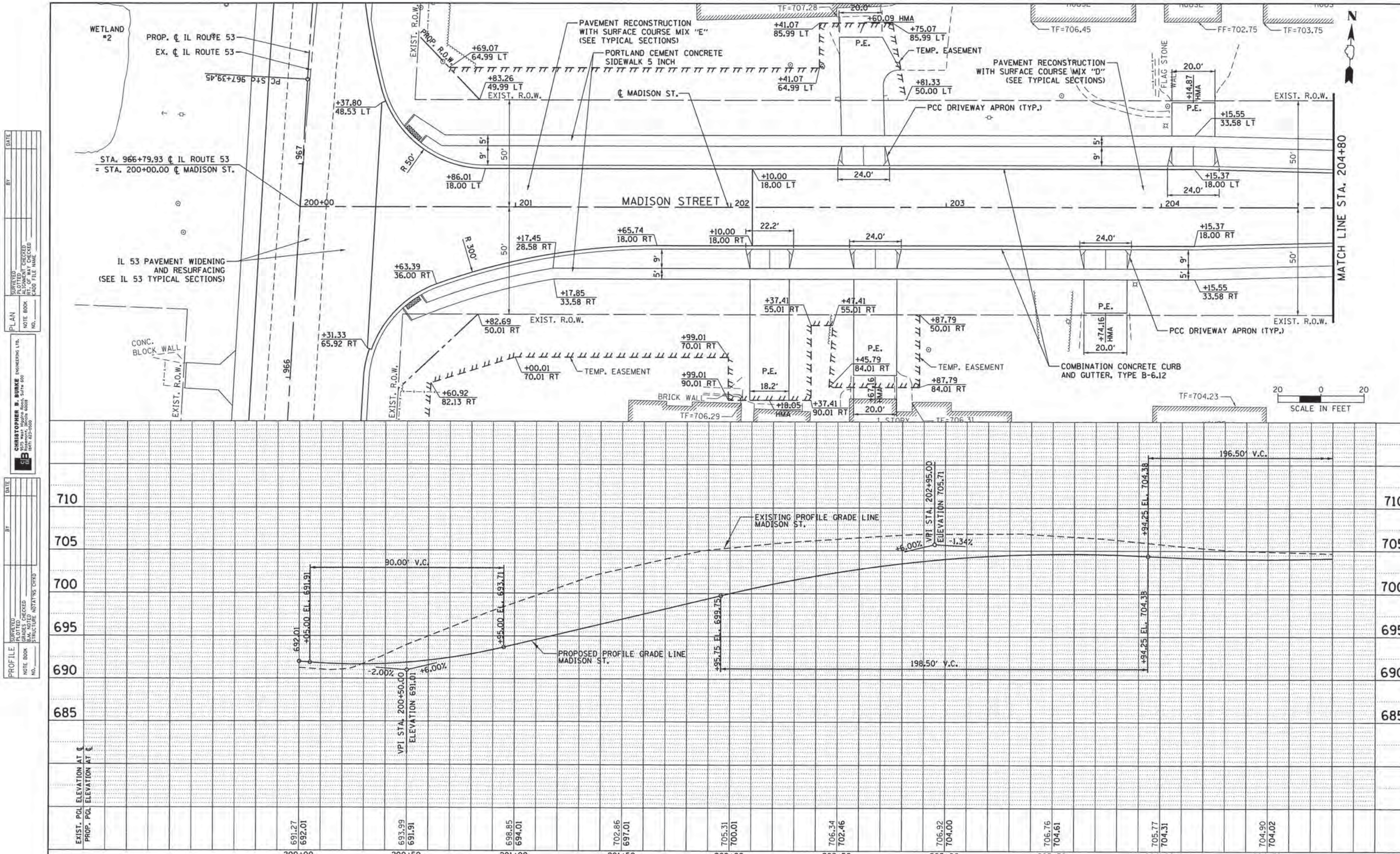
Default	PLOT SCALE = 20'	DRAWN - JS	REVISED -
	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
ROADWAY PLAN AND PROFILE
STA. 970+50 TO STA. 975+42.90

SCALE: 20H 5V | SHEET 3 OF 5 SHEETS | STA. 970+50 | TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	14
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			


WETLAND #2
PROP. ℄ IL ROUTE 53
EX. ℄ IL ROUTE 53
PC STA 967+39.45
PAVEMENT RECONSTRUCTION WITH SURFACE COURSE MIX "E" (SEE TYPICAL SECTIONS)
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
℄ MADISON ST.
TF=707.28
20.0'
+60.09 HMA
+41.07 85.99 LT
+75.07 85.99 LT
P.E.
TEMP. EASEMENT
+69.07 64.99 LT
+83.26 49.99 LT
EXIST. R.O.W.
PROP. R.O.W.
+41.07 64.99 LT
+81.33 50.00 LT
PCC DRIVEWAY APRON (TYP.)
TF=706.45
FF=702.75
TF=703.75
PAVEMENT RECONSTRUCTION WITH SURFACE COURSE MIX "D" (SEE TYPICAL SECTIONS)
FLAG STONE WALL
20.0'
+14.87 HMA
+15.55 33.58 LT
+37.80 48.53 LT
STA. 966+79.93 ℄ IL ROUTE 53 = STA. 200+00.00 ℄ MADISON ST.
R 50'
+86.01 18.00 LT
+10.00 18.00 LT
24.0'
+15.37 18.00 LT
MADISON STREET
200+00
201
202
203
204
MATCH LINE STA. 204+80
IL 53 PAVEMENT WIDENING AND RESURFACING (SEE IL 53 TYPICAL SECTIONS)
R 300'
+17.45 28.58 RT
+65.74 18.00 RT
+10.00 18.00 RT
22.2'
24.0'
+15.37 18.00 RT
+63.39 36.00 RT
+17.85 33.58 RT
+15.55 33.58 RT
+37.41 55.01 RT
+47.41 55.01 RT
+82.69 50.01 RT
+87.79 50.01 RT
+31.33 65.92 RT
+99.01 70.01 RT
+74.16 HMA
PCC DRIVEWAY APRON (TYP.)
CONC. BLOCK WALL
+00.01 70.01 RT
TEMP. EASEMENT
+45.79 84.01 RT
+99.01 90.01 RT
18.2'
+67.16 HMA
+87.79 84.01 RT
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
+60.92 82.13 RT
BRICK WALL
TF=706.29
+18.05 HMA
+37.41 90.01 RT
1 STORY
TF=706.31
TF=704.23
SCALE IN FEET
20 0 20
196.50' V.C.
VPI STA. 202+95.00 ELEVATION 705.71
+94.25 EL. 704.38
EXISTING PROFILE GRADE LINE MADISON ST.
+6.00%
-1.34%
90.00' V.C.
+05.00 EL. 691.91
692.01
+95.00 EL. 693.71
+95.75 EL. 699.75
PROPOSED PROFILE GRADE LINE MADISON ST.
198.50' V.C.
-2.00%
+6.00%
VPI STA. 200+50.00 ELEVATION 691.01
710
705
700
695
690
685
EXIST. PGL ELEVATION AT ℄
PROP. PGL ELEVATION AT ℄
691.27 692.01
693.99 691.91
698.85 694.01
702.86 697.01
705.31 700.01
706.34 702.46
706.92 704.00
706.76 704.61
705.77 704.31
704.90 704.02
200+00
200+50
201+00
201+50
202+00
202+50
203+00
203+50
204+00
204+50
CHRISTOPHER B. BURKE ENGINEERING LTD.

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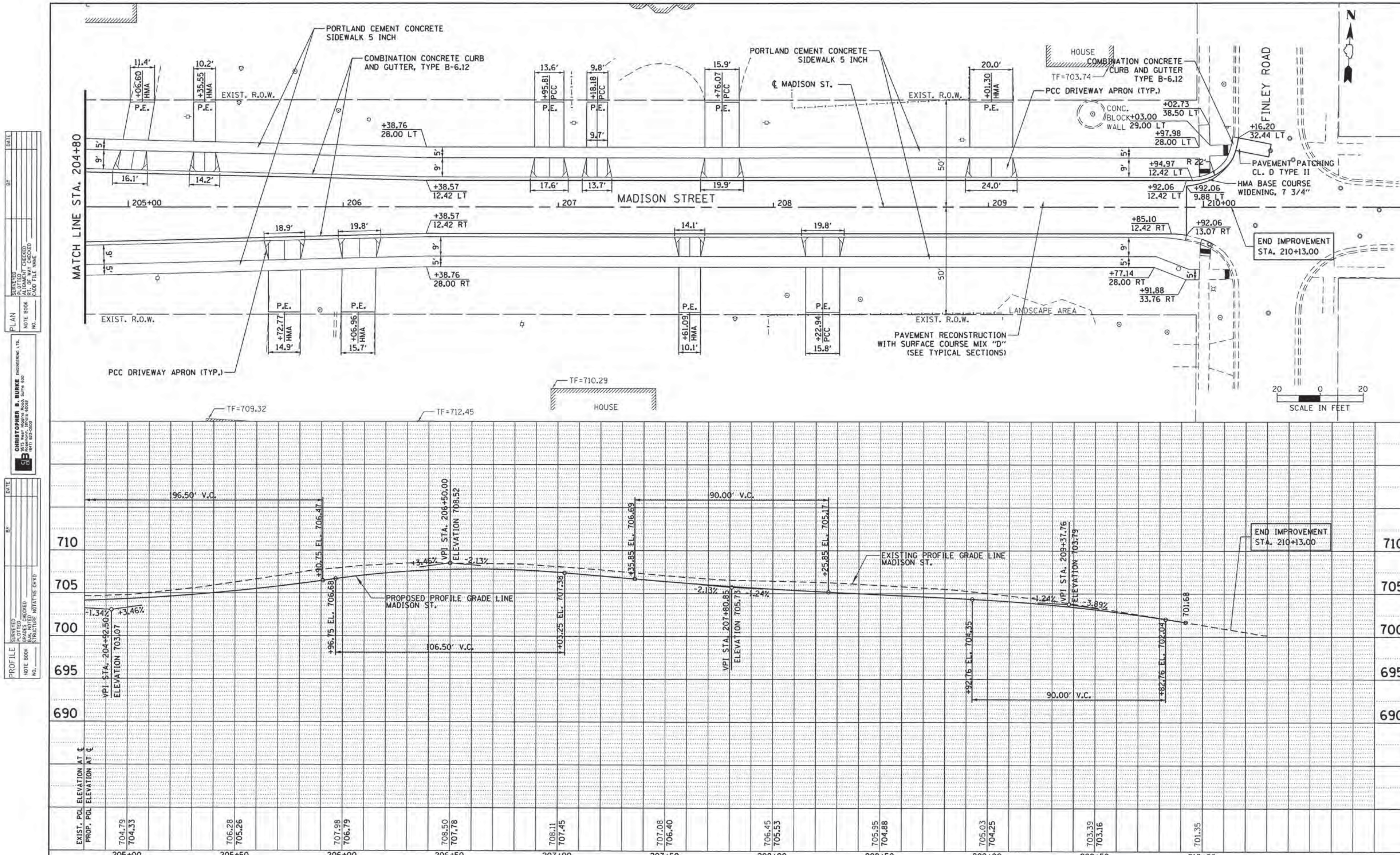
	PLOT DATE = 3/21/2016	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON ST
ROADWAY PLAN AND PROFILE
STA. 200+00 TO STA. 204+80

SCALE: 20H 5V | SHEET 4 OF 5 SHEETS | STA. 200+00 TO STA. 204+80

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	15
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		


PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
℄ MADISON ST.
HOUSE
COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
TF=703.74
PCC DRIVEWAY APRON (TYP.)
CONC. BLOCK WALL
FINLEY ROAD
N
EXIST. R.O.W.
P.E.
MATCH LINE STA. 204+80
MADISON STREET
205+00
206
207
208
209
210+00
+38.76 28.00 LT
+38.57 12.42 LT
+38.57 12.42 RT
+38.76 28.00 RT
+02.73 38.50 LT
+03.00 29.00 LT
+97.98 28.00 LT
+16.20 32.44 LT
+94.97 12.42 LT
R 22'
+92.06 12.42 LT
+92.06 9.88 LT
+85.10 12.42 RT
+92.06 13.07 RT
+77.14 28.00 RT
+91.88 33.76 RT
PAVEMENT PATCHING CL. D TYPE II
HMA BASE COURSE WIDENING, 7 3/4"
END IMPROVEMENT STA. 210+13.00
LANDSCAPE AREA
PAVEMENT RECONSTRUCTION WITH SURFACE COURSE MIX "D" (SEE TYPICAL SECTIONS)
PCC DRIVEWAY APRON (TYP.)
TF=710.29
TF=709.32
TF=712.45
SCALE IN FEET
20 0 20
96.50' V.C.
VPI STA. 206+50.00 ELEVATION 708.52
90.00' V.C.
+90.75 EL. 706.47
+35.85 EL. 706.69
+25.85 EL. 705.17
VPI STA. 209+37.76 ELEVATION 703.79
END IMPROVEMENT STA. 210+13.00
+3.46%
-2.13%
EXISTING PROFILE GRADE LINE MADISON ST.
PROPOSED PROFILE GRADE LINE MADISON ST.
-1.34%
+3.46%
-2.13%
-1.24%
-1.24%
-3.89%
701.68
VPI STA. 204+92.50 ELEVATION 703.07
+96.75 EL. 706.68
106.50' V.C.
+03.25 EL. 707.38
VPI STA. 207+80.85 ELEVATION 705.73
+92.76 EL. 704.35
90.00' V.C.
+82.76 EL. 702.04
710
705
700
695
690
EXIST. PGL ELEVATION AT ℄
PROP. PGL ELEVATION AT ℄
704.79
704.33
706.28
705.26
707.98
706.79
708.50
707.78
708.11
707.45
707.08
706.40
706.45
705.53
705.95
704.88
705.03
704.25
703.39
703.16
701.35
205+00
205+50
206+00
206+50
207+00
207+50
208+00
208+50
209+00
209+50
210+00
CHRISTOPHER B. BURKE ENGINEERING, LTD.
PLAN
PROFILE

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	PLOT DATE = 3/14/2016	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

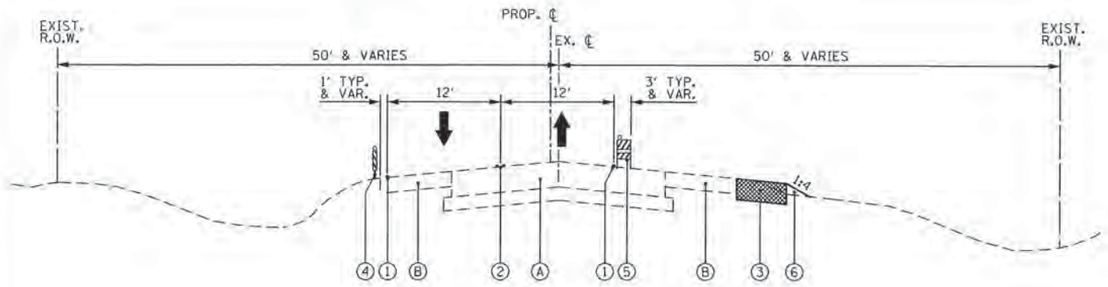
MADISON ST
ROADWAY PLAN AND PROFILE
STA. 204+80 TO STA. 209+87.69

SCALE: 20H 5V | SHEET 5 OF 5 SHEETS | STA. 204+80 TO STA. 209+87.69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	16

CONTRACT NO. 61A54

ILLINOIS FED. AID PROJECT



IL ROUTE 53 (COLUMBINE AVENUE) STAGE I
STA 962+33.51 TO STA 975+42.90

NOTES:

STAGE I

TEMPORARY PAVEMENT WILL BE CONSTRUCTED ALONG IL 53 DURING STAGE I. THE CONTRACTOR SHALL ALSO BE PERMITTED TO PERFORM WORK BETWEEN MADISON ST. STA. 200+00 AND STA. 202+00 IN PREPARATION FOR STAGE II, INCLUDING TREE REMOVAL AND TOPSOIL STRIPPING, UTILIZING IDOT STANDARD 701006.

STAGE II

REMOVE EXISTING WEST SHOULDER AND CONSTRUCT PROPOSED PAVEMENT WIDENING ALONG WEST EDGE OF IL 53. SEE M.O.T. STAGE II PLAN SHEETS FOR LIMITS. PATCH EXISTING SOUTHBOUND PAVEMENT AS DIRECTED BY THE ENGINEER. DO NOT CONSTRUCT SURFACE COURSE OR LEVELING BINDER ON PAVEMENT OR SHOULDER.

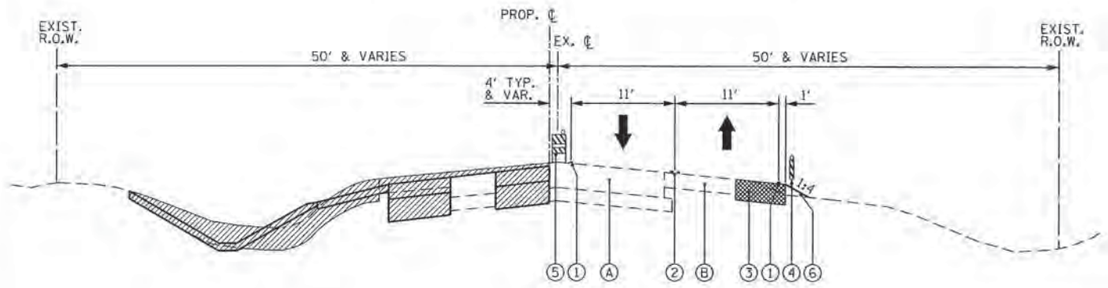
SUITABLE SOILS NEEDED TO CONSTRUCT THE STAGE II EMBANKMENTS SHALL BE EXCAVATED IN-SITU AND SHALL BE HAULED FROM MADISON ST. EXISTING R.O.W., PROPOSED R.O.W. AND PROPOSED EASEMENTS WEST OF STA. 202+00 AS NECESSARY. M.O.T. FOR SUCH WORK SHALL UTILIZE IDOT STANDARD 701011 EXCEPT THAT ALL TRUCK CROSSINGS OF LIVE TRAVEL LANES SHALL BE FLAGGER PROTECTED IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION, SPECIAL".

STAGE III

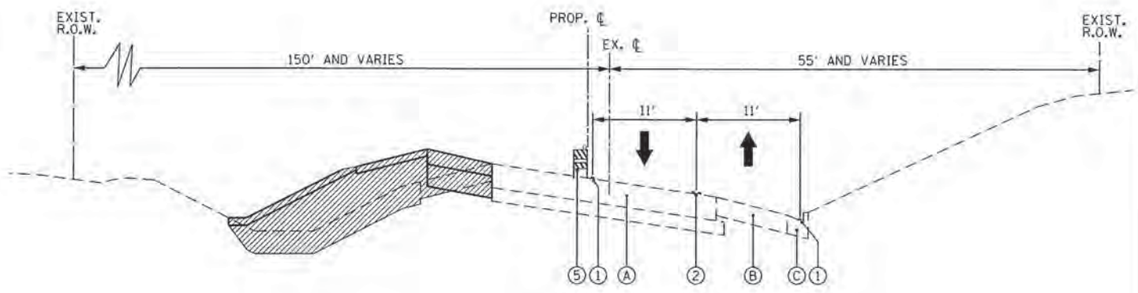
REMOVE EXISTING EAST SHOULDER AND TEMPORARY PAVEMENT AND CONSTRUCT PROPOSED PAVEMENT WIDENING ALONG EAST EDGE OF IL 53. REMOVE EXISTING MADISON STREET PAVEMENT AND CONSTRUCT PROPOSED PAVEMENT. SEE M.O.T. STAGE III PLAN SHEETS FOR LIMITS. PATCH EXISTING NORTH-BOUND IL 53 PAVEMENT AS DIRECTED BY THE ENGINEER. DO NOT CONSTRUCT SURFACE COURSE OR LEVELING BINDER ON PAVEMENT OR SHOULDER.

DURING STAGE III THE RESIDENTS WILL BE ALLOWED FULL ACCESS TO THEIR PROPERTIES. ARRANGE TYPE III BARRICADES AS SHOWN ON THE M.O.T. STAGE III PLANS TO PREVENT THRU TRAFFIC FROM ENTERING THE WORK ZONE AT FINLEY ROAD AND TO PREVENT ALL MOTORISTS FROM ENTERING IL 53 AT THE WEST END OF MADISON ST. THE CONTRACTOR SHALL ARRANGE CONSTRUCTION IN SUCH A WAY THAT RESIDENTS ARE PROVIDED AN AGGREGATE BASE TO DRIVE ON.

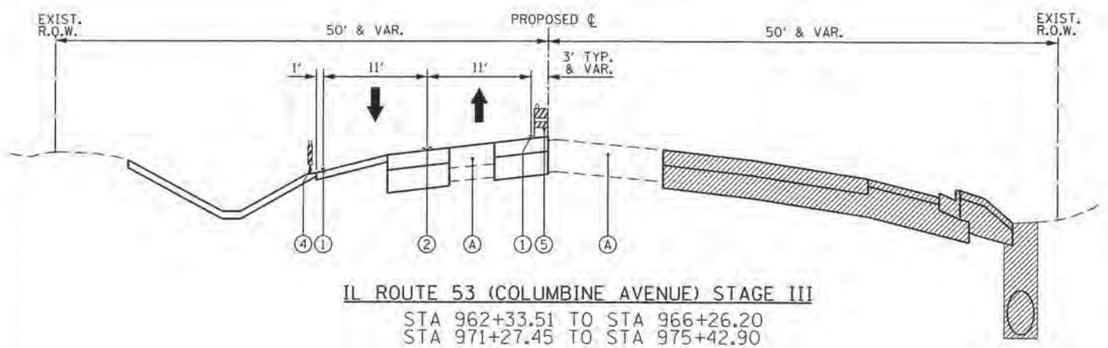
AT THE END OF STAGE III, CONSTRUCT PROPOSED LEVELING BINDER AND PROPOSED SURFACE COURSE ON PAVEMENTS AND SHOULDERS, AND APPLY FINAL PAVEMENT MARKINGS, UTILIZING IDOT STANDARDS 701201, 701306 AND 701311. IN ACCORDANCE WITH ARTICLE 406.06(b)(2)e, POLYMERIZED LEVELING BINDER MUST BE OVERLAID WITHIN 5 DAYS AFTER IT IS PLACED.



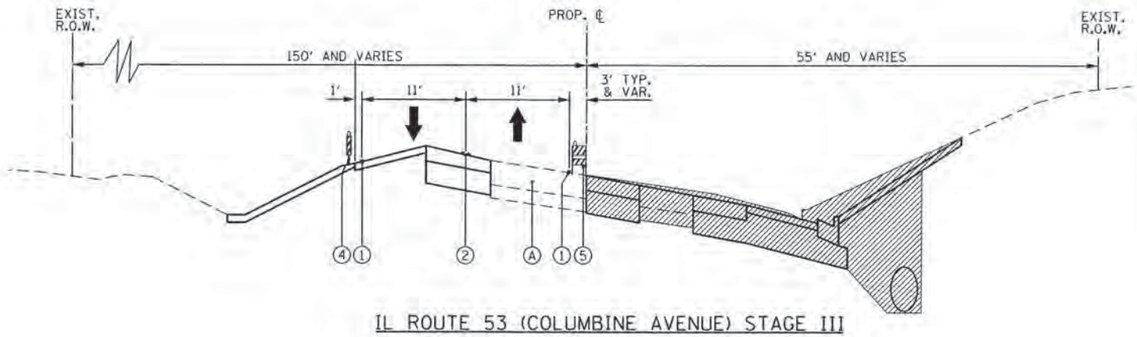
IL ROUTE 53 (COLUMBINE AVENUE) STAGE II
STA 962+33.51 TO STA 966+26.20
STA 971+27.45 TO STA 975+42.90



IL ROUTE 53 (COLUMBINE AVENUE) STAGE II
STA 966+26.20 TO STA 971+27.45



IL ROUTE 53 (COLUMBINE AVENUE) STAGE III
STA 962+33.51 TO STA 966+26.20
STA 971+27.45 TO STA 975+42.90



IL ROUTE 53 (COLUMBINE AVENUE) STAGE III
STA 966+26.20 TO STA 971+27.45

LEGEND

WORK ZONE

Ⓐ EXIST. PAVEMENT STRUCTURE
Ⓑ EXIST. BIT. SHOULDERS
Ⓒ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TY. B-6.12

① TEMPORARY PAVEMENT MARKING, LINE - 4" (WHITE)
② TEMPORARY PAVEMENT MARKING, LINE - 4" DOUBLE @ 11" C-C (YELLOW)
③ TEMPORARY PAVEMENT WIDENING
④ VERTICAL PANEL WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' SPACING
⑤ TYPE II BARRICADE OR DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT @ 50' SPACING
⑥ EMBANKMENT (INCLUDED IN THE COST OF EARTH EXCAVATION)

PLAN / PROFILE: SURVEYED, PLOTTED, CROSS SECTIONS CHECKED, BM. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK NO., DATE, BY

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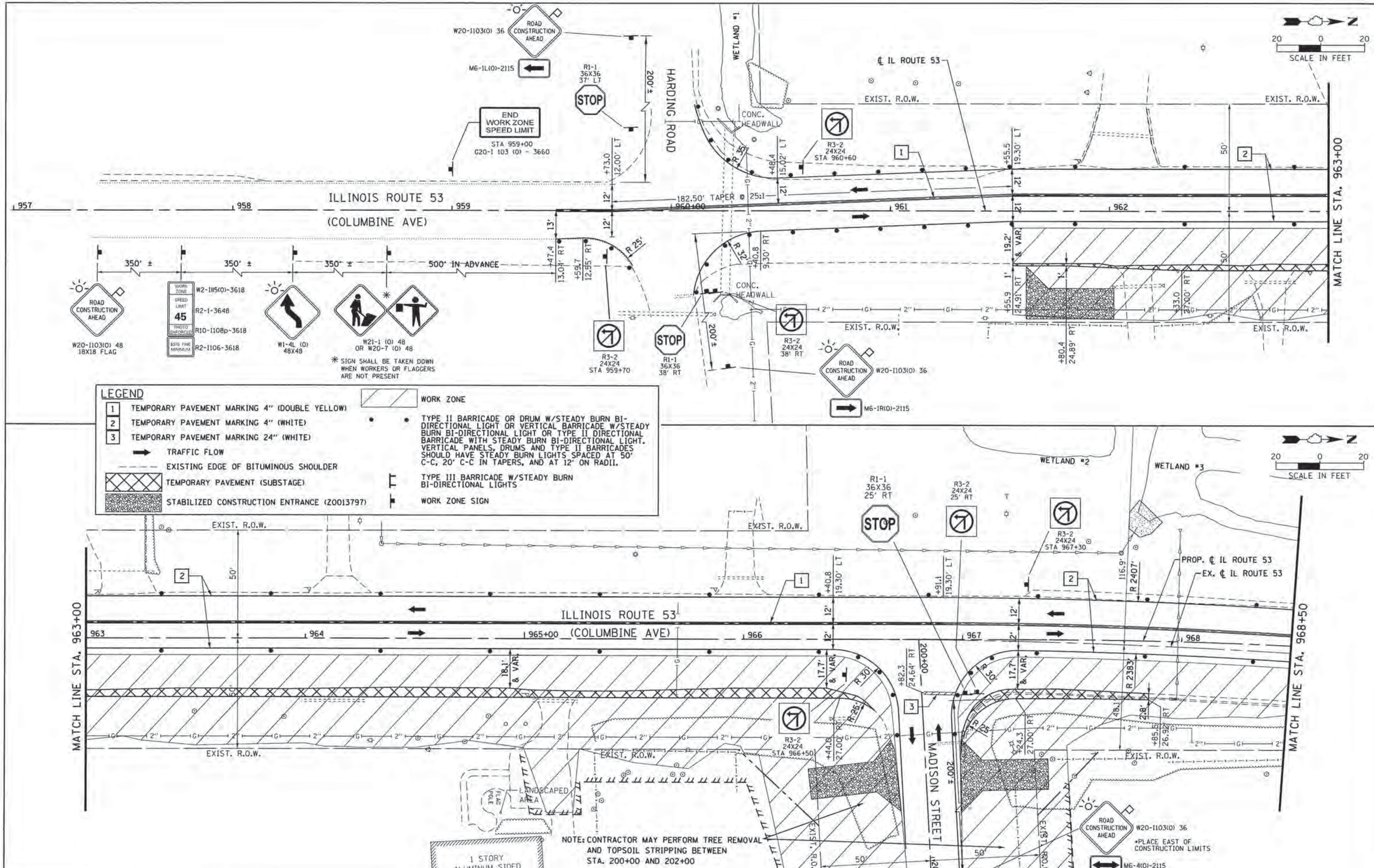
FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\01A54-sht-MOTtypical-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 (COLUMBINE AVENUE)
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

NOT TO SCALE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	17
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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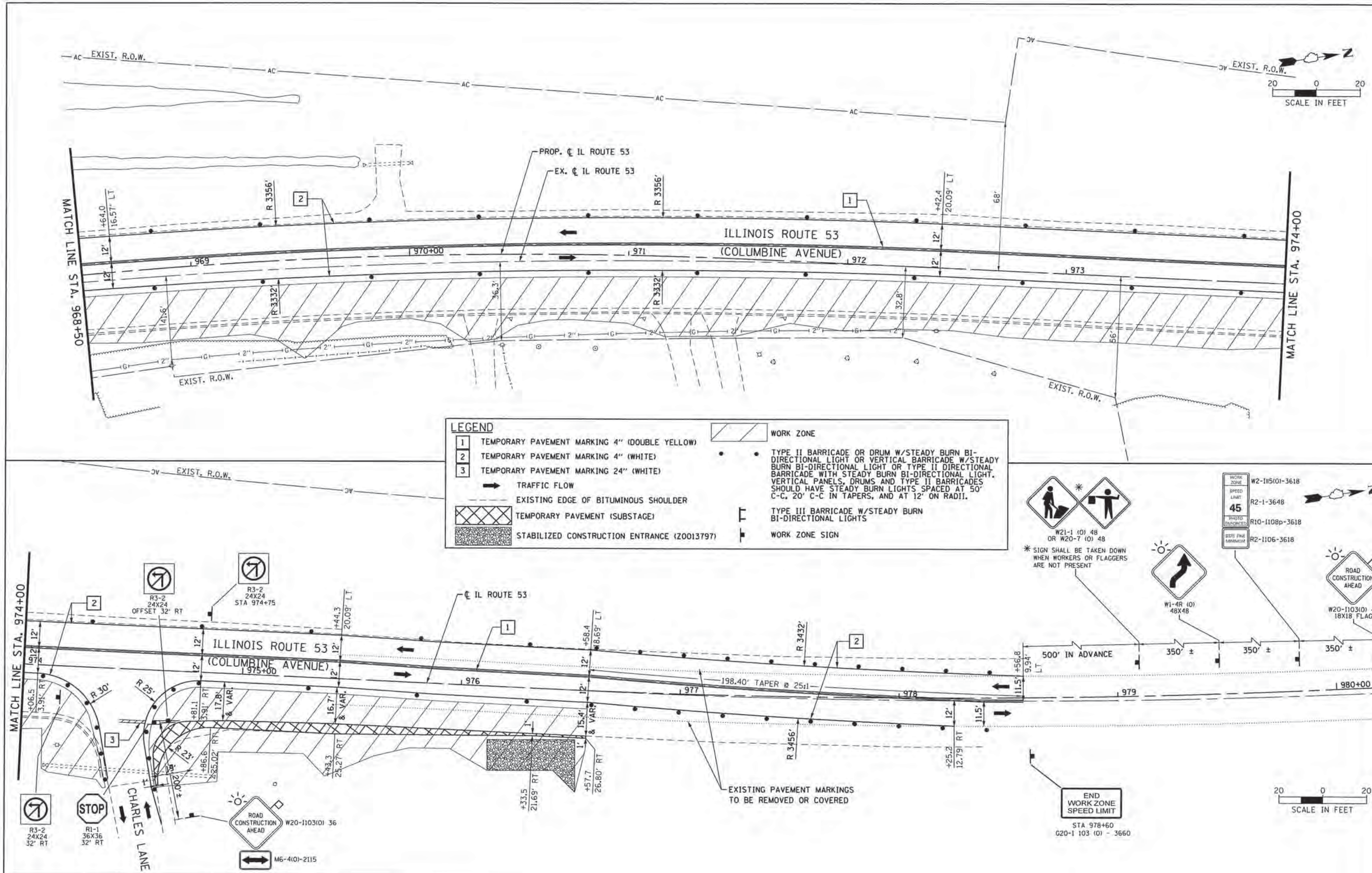
Default	PLOT SCALE = 20'	DRAWN - PMM	REVISED -		SCALE: 1" = 20' SHEET 1 OF 7 SHEETS STA. 957+00 TO STA. 968+50
	PLOT DATE = 3/11/2016	CHECKED - JGS	REVISED -		
		DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	18
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



LEGEND

1	TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW)
2	TEMPORARY PAVEMENT MARKING 4" (WHITE)
3	TEMPORARY PAVEMENT MARKING 24" (WHITE)
➞	TRAFFIC FLOW
	EXISTING EDGE OF BITUMINOUS SHOULDER
	TEMPORARY PAVEMENT (SUBSTAGE)
	STABILIZED CONSTRUCTION ENTRANCE (Z0013797)
	WORK ZONE
	TYPE II BARRICADE OR DRUM W/STEADY BURN BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE W/STEADY BURN BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT. VERTICAL PANELS, DRUMS AND TYPE II BARRICADES SHOULD HAVE STEADY BURN LIGHTS SPACED AT 50' C-C, 20' C-C IN TAPERS, AND AT 12' ON RADII.
	TYPE III BARRICADE W/STEADY BURN BI-DIRECTIONAL LIGHTS
	WORK ZONE SIGN

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FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161654-sht-MOT-Stage1-02.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
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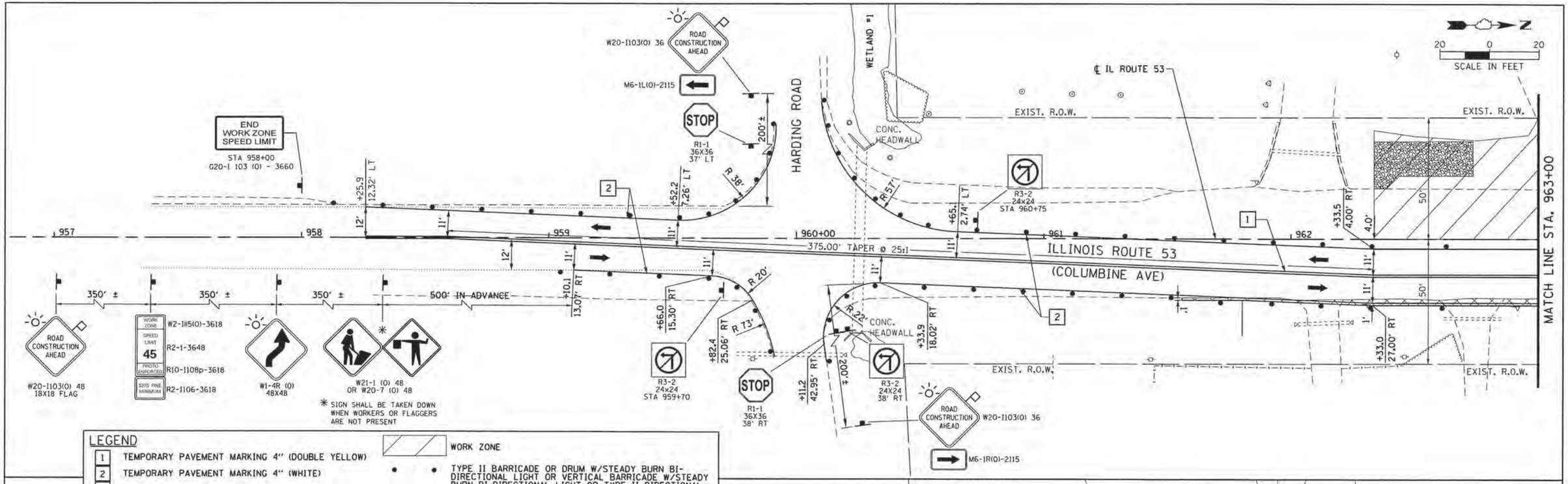
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
MAINTENANCE OF TRAFFIC – STAGE I
STA. 968+50 TO STA. 980+00

SCALE: 1" = 20' | SHEET 2 OF 7 SHEETS | STA. 968+50 TO STA. 980+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	19
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



LEGEND

- 1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING 4" (WHITE)
- 3 TEMPORARY PAVEMENT MARKING 24" (WHITE)
- TRAFFIC FLOW
- EXISTING EDGE OF BITUMINOUS SHOULDER
- TEMPORARY PAVEMENT (SUBSTAGE)
- STABILIZED CONSTRUCTION ENTRANCE (Z0013797)
- WORK ZONE
- TYPE II BARRICADE OR DRUM W/STEADY BURN BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE W/STEADY BURN BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT. VERTICAL PANELS, DRUMS AND TYPE II BARRICADES SHOULD HAVE STEADY BURN LIGHTS SPACED AT 50' C-C, 20' C-C IN TAPERS, AND AT 12' ON RADII.
- TYPE III BARRICADE W/STEADY BURN BI-DIRECTIONAL LIGHTS
- WORK ZONE SIGN

PLAN — SURVEYED — DRAWN — TRACED — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — DRAWN — TRACED — NOTE BOOK — NO. — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
MAINTENANCE OF TRAFFIC – STAGE II
STA. 957+00 TO STA. 968+50

SCALE: 1" = 20' | SHEET 3 OF 7 SHEETS | STA. 957+00 | TO STA. 968+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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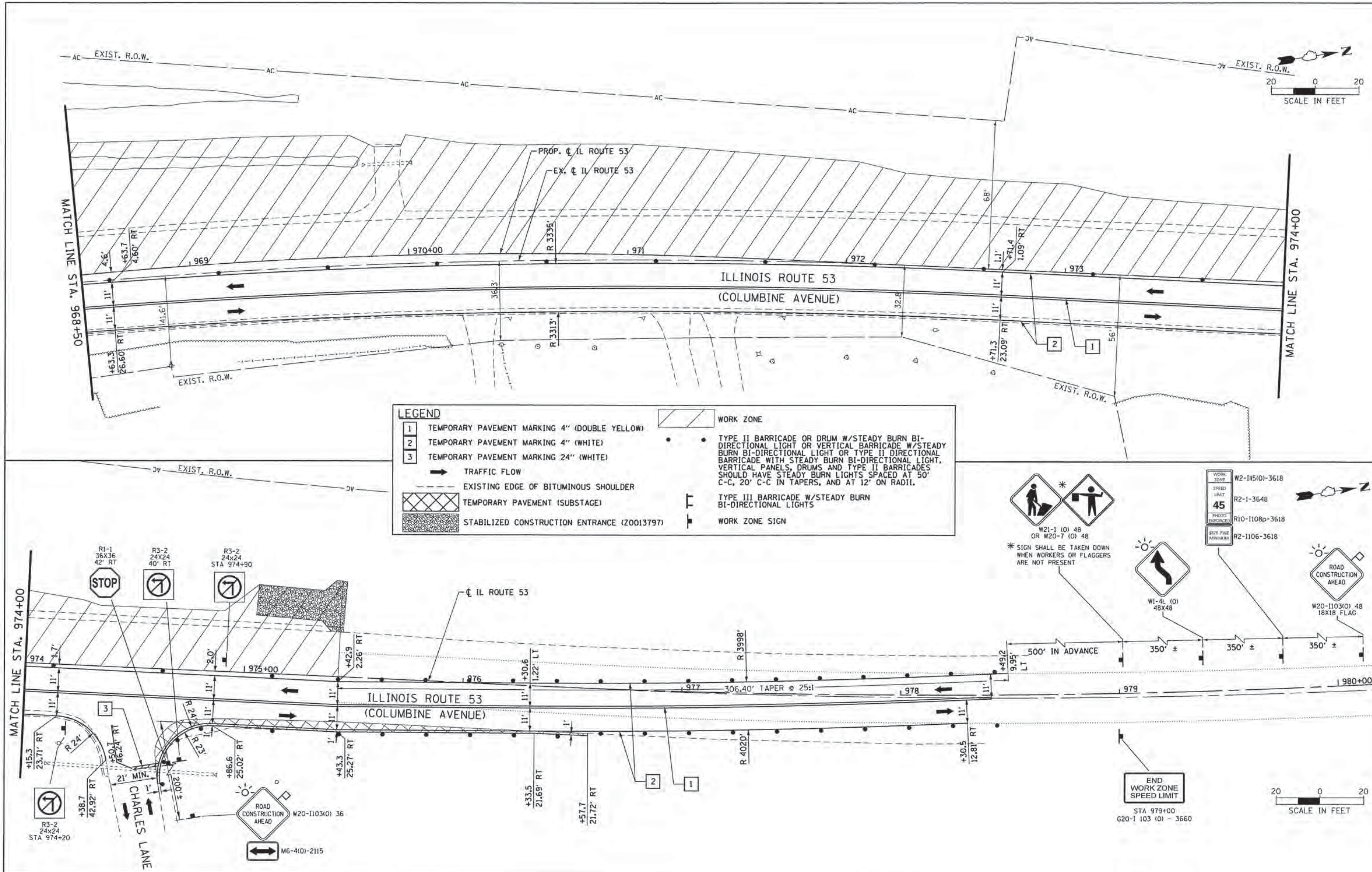
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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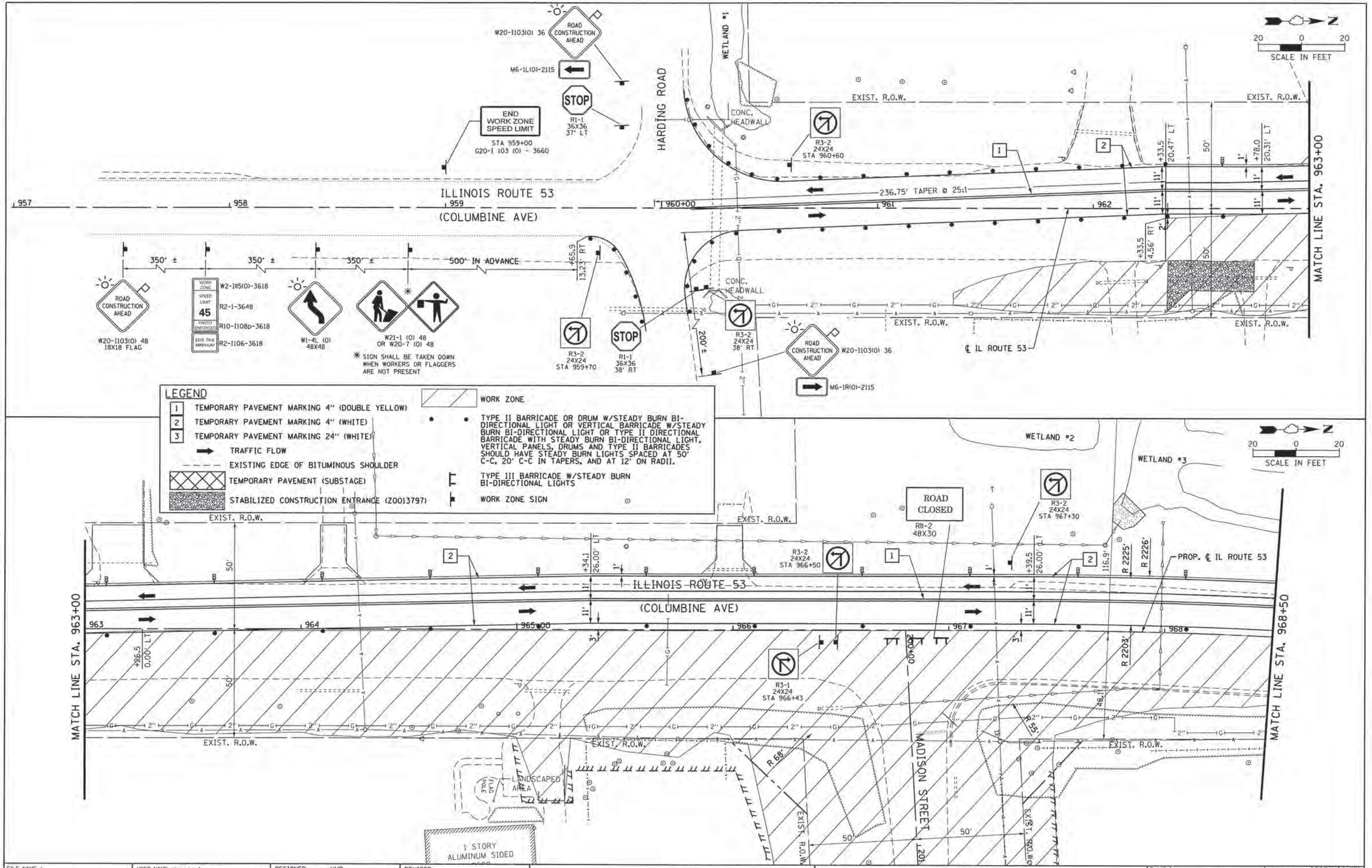
	PLOT SCALE = 20'	DRAWN - PMM	REVISED -		
Default	PLOT DATE = 3/11/2016	CHECKED - JGS	REVISED -		SCALE: 1" = 20' SHEET 4 OF 7 SHEETS STA. 968+50 TO STA. 980+00
		DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	21
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
MAINTENANCE OF TRAFFIC – STAGE III
STA. 957+00 TO STA. 968+50

SCALE: 1" = 20' | SHEET 5 OF 7 SHEETS | STA. 957+00 TO STA. 968+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	22
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

PLAN — SURVEYED — PLOTTED — DRAWN — CHECKED — SUBMITTED — STRUCTURE NO. — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — DRAWN — CHECKED — SUBMITTED — STRUCTURE NO. — NOTE BOOK — NO. — BY — DATE

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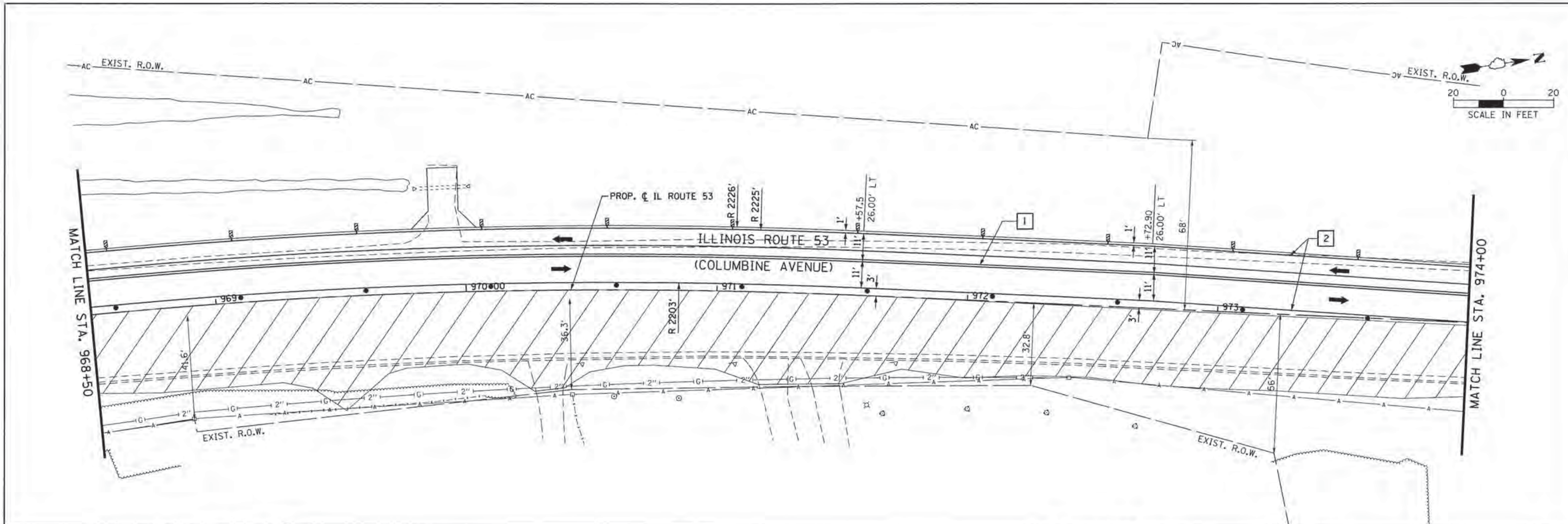

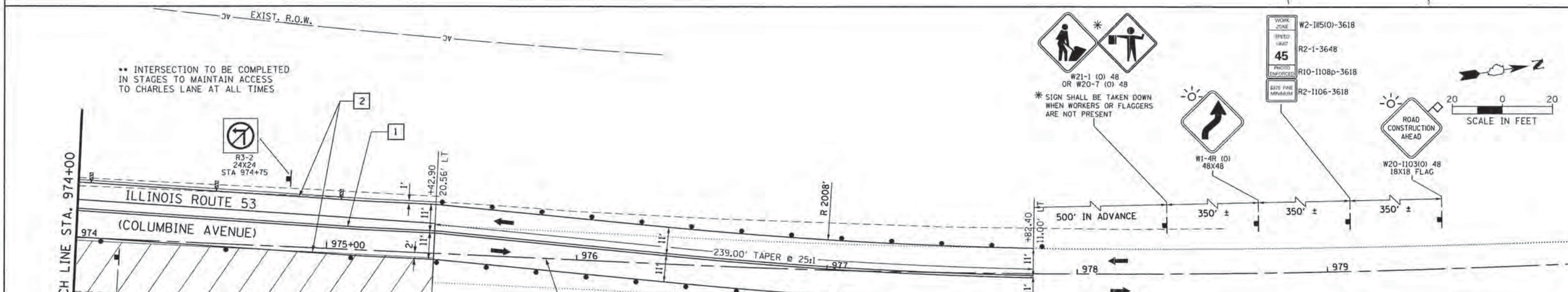

LEGEND

1 TEMPORARY PAVEMENT MARKING 4" (DOUBLE YELLOW)
2 TEMPORARY PAVEMENT MARKING 4" (WHITE)
3 TEMPORARY PAVEMENT MARKING 24" (WHITE)
TRAFFIC FLOW
EXISTING EDGE OF BITUMINOUS SHOULDER
TEMPORARY PAVEMENT (SUBSTAGE)
STABILIZED CONSTRUCTION ENTRANCE (Z0013797)
WORK ZONE
TYPE II BARRICADE OR DRUM W/STEADY BURN BI-DIRECTIONAL LIGHT OR VERTICAL BARRICADE W/STEADY BURN BI-DIRECTIONAL LIGHT OR TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN BI-DIRECTIONAL LIGHT. VERTICAL PANELS, DRUMS AND TYPE II BARRICADES SHOULD HAVE STEADY BURN LIGHTS SPACED AT 50' C-C, 20' C-C IN TAPERS, AND AT 12' ON RADII.
TYPE III BARRICADE W/STEADY BURN BI-DIRECTIONAL LIGHTS
WORK ZONE SIGN

CHRISTOPHER B. BURKE ENGINEERING LTD.

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Default	PLOT SCALE = 20'	DRAWN - PMM	REVISED -
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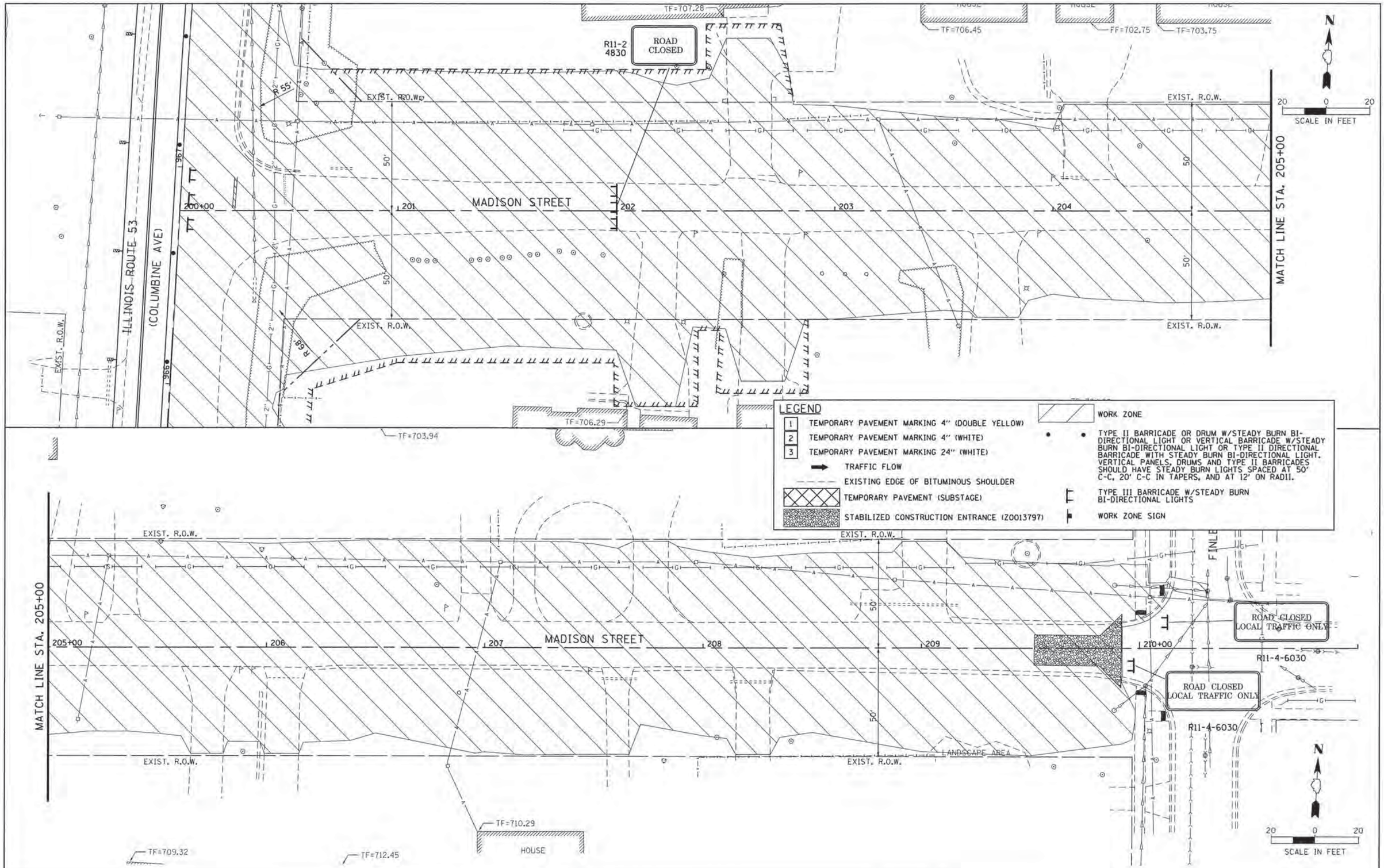
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
MAINTENANCE OF TRAFFIC – STAGE III
STA. 968+50 TO STA. 980+00

SCALE: 1" = 20' | SHEET 6 OF 7 SHEETS | STA. 968+50 TO STA. 980+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	23
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWING CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

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9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWING CHECKED
CALCS CHECKED
BAR. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

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	PLOT SCALE = 20'	DRAWN - PMM	REVISED -
	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON STREET
MAINTENANCE OF TRAFFIC – STAGE III
STA. 200+00 TO STA. 211+00

SCALE: 1" = 20' | SHEET 7 OF 7 SHEETS | STA. 200+00 TO STA. 211+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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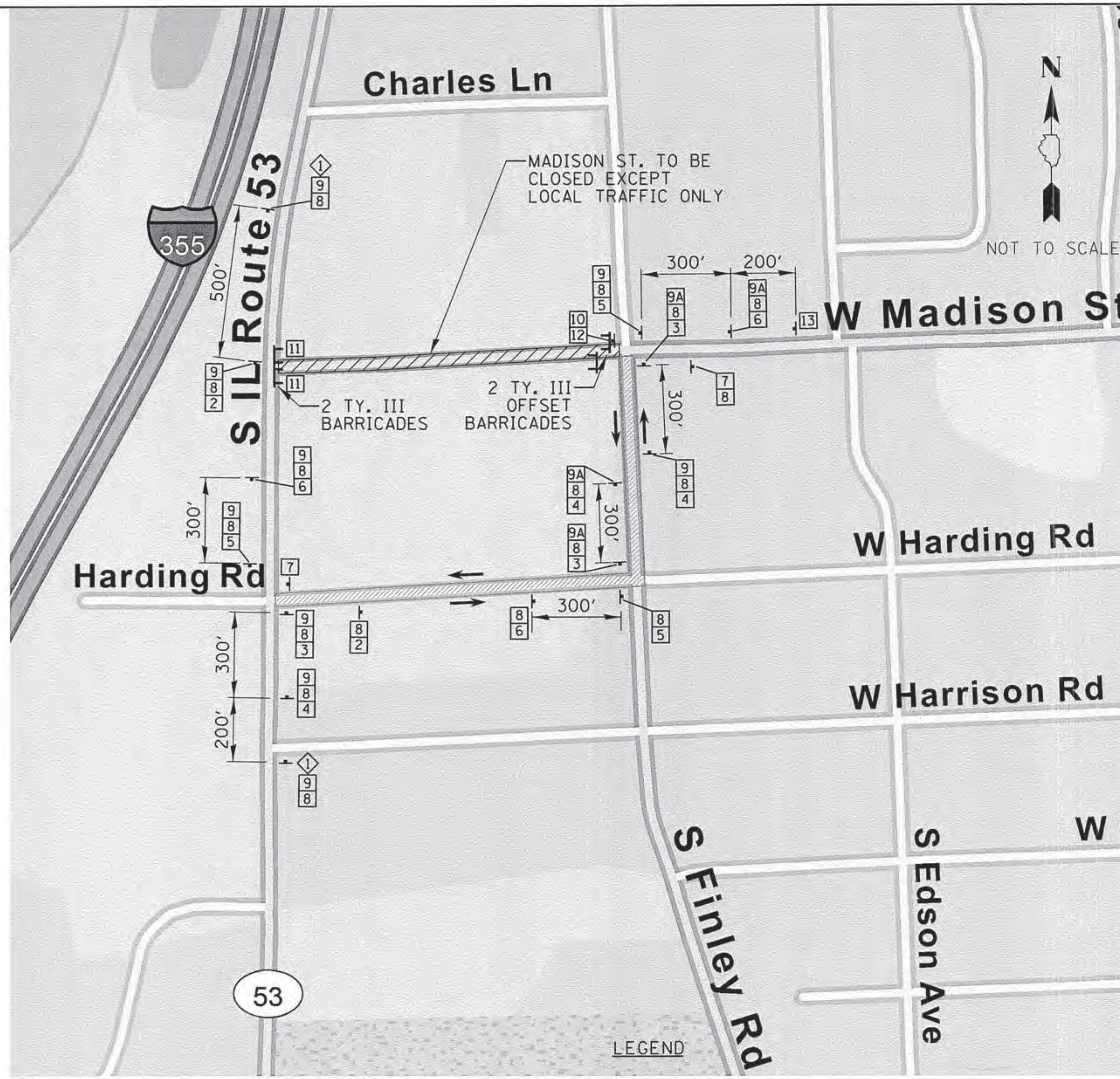
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



NOTES: 1. THIS WORK WILL BE LIMITED TO M.O.T. STAGE III AS SHOWN IN THE M.O.T. PLANS.
2. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE	QUANTITY
1	DETOUR AHEAD W20-2(O)-4848	2
2	DETOUR M4-9(O) 3024	2
3	DETOUR M4-9R-(O) 3024	3
4	DETOUR M4-9R-(O) 3024	3
5	DETOUR M4-9L-(O) 3024	2
6	DETOUR M4-9L-(O) 3024	2
7	END DETOUR M4-8a(O) 2418	2
8	Madison Street SPECIAL 24"xVARIES 4" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND	17
9	EAST M3-2(O) 2412	9
9A	WEST M3-4(O) 2412	4
10	ROAD CLOSED LOCAL TRAFFIC ONLY R11-3a-6030	1
11	ROAD CLOSED R-11-2-4830	2
12	DETOUR M4-10-4812	1
13	ROAD CLOSED AHEAD W20-3(O)-48	1

48" x 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT AND ORANGE WARNING FLAG. NUMBER DENOTES TYPE

M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND CARDINAL DIRECTION PLATE. NUMBER DENOTES TYPE

OTHER DETOUR SIGNS. NUMBER DENOTES TYPE

TYPE III BARRICADE WITH AMBER FLASHING LIGHTS

DETOUR ROUTE

FILE NAME = N:\Lombard\110152.00002\CADD.Sheets\D161A54-sht-MOT-detour-01.dgn	USER NAME = vracich	DESIGNED - VMR	REVISED -
	PLOT SCALE = 20.000000 '/ in.	DRAWN - PMM	REVISED -
Default	PLOT DATE = 3/21/2016	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
MADISON ST DETOUR DURING STAGE III

NOT TO SCALE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	25

CONTRACT NO. 61A54

ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHK'D / NOTE BOOK NO. / BY / DATE

BEGIN IMPROVEMENT
STA. 962+33.51

℄ IL ROUTE 53

WETLAND #1

EXIST. R.O.W.

ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)

SCALE IN FEET
20 0 20

960+00 961 ILLINOIS ROUTE 53 962 963 964
(COLUMBINE AVENUE)

HARDING ROAD

MATCH LINE STA. 965+00

WETLAND #1

TEMPORARY CONCRETE WASHOUT AREA

ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)

LEGEND

- TEMPORARY SEEDING EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET FILTERS
- PERIMETER EROSION BARRIER FENCE FOR CULVERT INLET PROTECTION
- TEMPORARY DITCH CHECK

WETLAND #2

WETLAND #3

100-YEAR BFE=687.00

ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)

EXIST. R.O.W.

100-YEAR BFE=687.00

MATCH LINE STA. 965+00

EX. ℄ IL ROUTE 53

PROP. ℄ IL ROUTE 53

965+00 966 967 968 969 ILLINOIS ROUTE 53 970+00
(COLUMBINE AVENUE)

200+00

MADISON STREET

EXIST. R.O.W.

EXIST. R.O.W.

ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)

ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)

MATCH LINE STA. 970+50

SCALE IN FEET
20 0 20

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN
SURVEYED
PLOTTED
DESIGN UNIT CHECKED
DT. OF R/W CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DESIGN UNIT CHECKED
B.M. NOTED
STRUCTURE NOTATIONS ENTRD
NOTE BOOK
NO.
BY
DATE

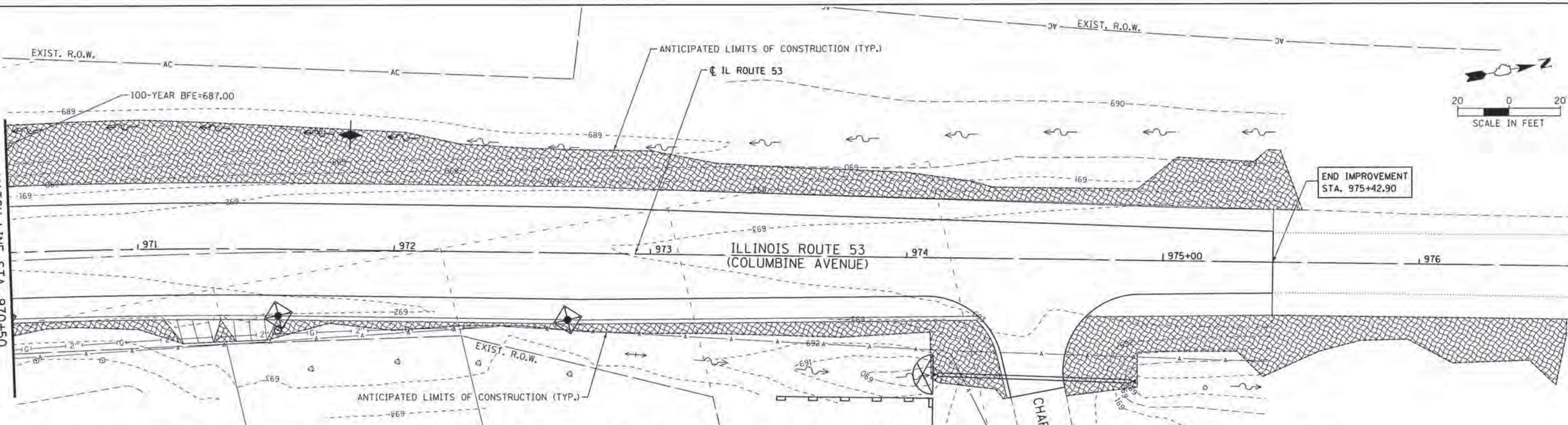
FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\0161A54-sht-eros-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
SOIL EROSION AND SEDIMENT CONTROL PLAN
STA. 962+33.51 TO STA. 970+50

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 962+33.51 TO STA. 970+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	26
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



DUPAGE COUNTY EROSION CONTROL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DuPAGE COUNTY COUNTYWIDE STORM WATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE APRIL 2013 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
5. WHERE WETLANDS ARE TO REMAIN, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF OR STOCKPILED IN WETLANDS.
6. STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, WETLAND BUFFERS, AND FLOOD PLAINS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES
7. HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMITER EROSION BARRIER OR AS A DITCH CHECK.
8. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED AND CLEAR OF SEDIMENT
9. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
10. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
11. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
12. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
13. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
14. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
15. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
16. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING ½ INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
17. THE COST OF REMOVING SEDIMENT OR REPAIRING EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

ADDITIONAL EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURE MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
2. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESS, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
3. AFTER ALL PERIMETER EROSION BARRIERS IS REMOVED, THE AREAS DAMAGE BY THE PERIMETER EROSION BARRIER MUST BE RESTORED.
4. DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
5. TEMPORARY CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.
6. AFTER DISTURBED AREAS ARE SEEDED THEY MUST HAVE PROPER MUCLHING APPLIED.
7. A STORM WATER POLLUTION PREVENTION (SWPPP) PLAN HAS BEEN CREATED FOR THIS PROJECT. THE CONTRACTOR MUST CERTIFY, UPDATE AND MAINTAIN A HARD COPY OF THE SWPPP ON SITE.
8. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
9. AREAS OR ENBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.
10. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

LEGEND

- TEMPORARY SEEDING EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET FILTERS
- PERIMETER EROSION BARRIER FENCE FOR CULVERT INLET PROTECTION
- TEMPORARY DITCH CHECK

FILE NAME = N:\Lombard\110152.00002\CADD.Sheets\D161054-sht-eros-02.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
SOIL EROSION AND SEDIMENT CONTROL PLAN
STA. 970 + 50 TO STA. 975 + 42.90

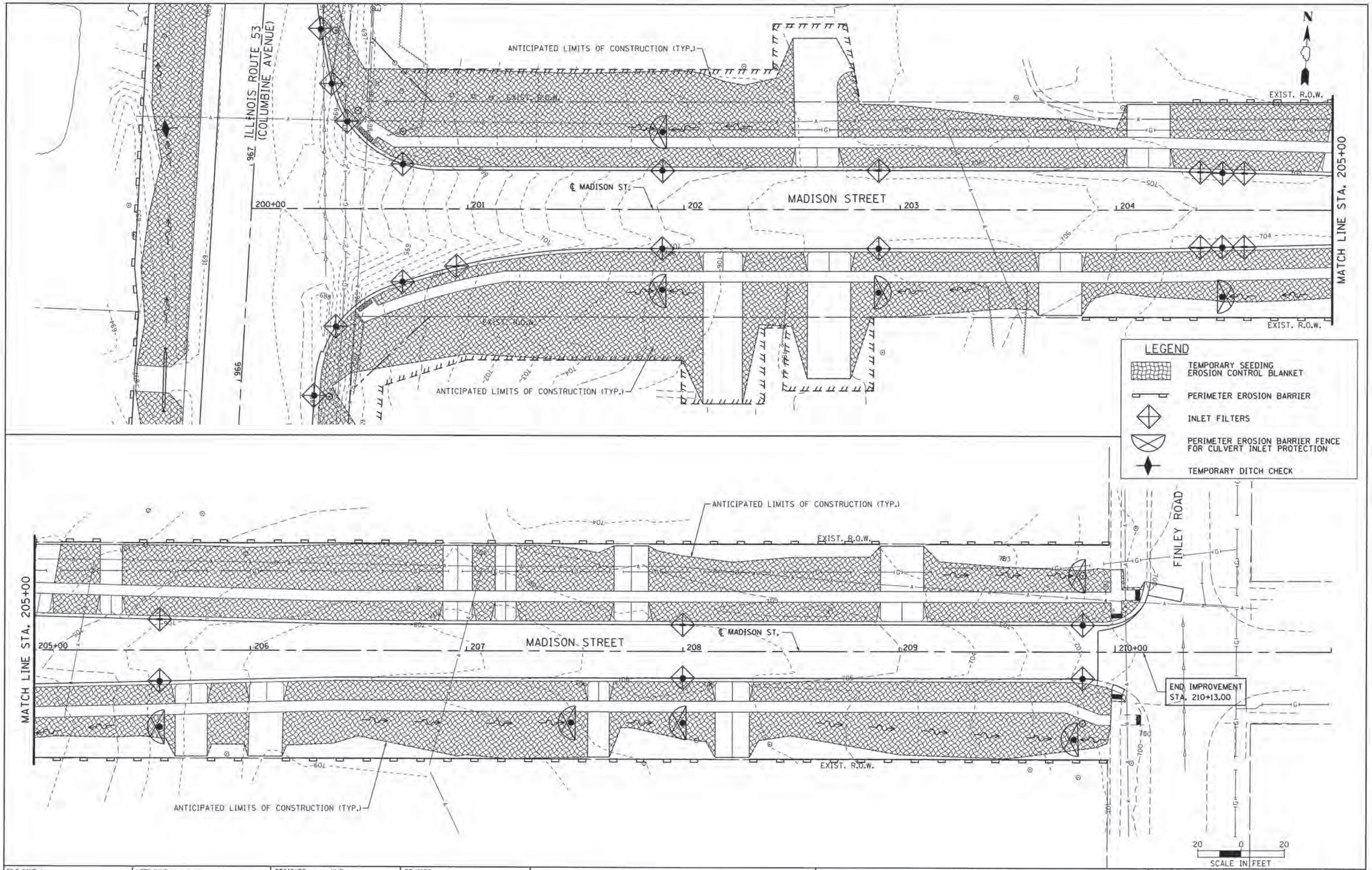
SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 970+50 TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	27
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

CHRISTOPHER B. BURKE ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CH'KD — BY — DATE



PLAN
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PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

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SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
BM. NOTED
STRUCTURE NOTATING CHKD
NOTE BOOK
NO.
BY
DATE

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

FILE NAME = N:\Lombard\110152.20002\CADD_Sheets\0161454-sht-eros-03.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
	PLOT SCALE = 20'	DRAWN - PMM	REVISED -
Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON ST
SOIL EROSION AND SEDIMENT CONTROL PLAN
STA. 200+00 TO STA. 210+13

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 200+00 | TO STA. 210+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	28
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE TABLE

STRUCTURE	STRUCTURE TYPE	STATION	OFFSET	RIM ELEVATION	INV (N)	INV (S)	INV (E)	INV (W)	INV (NW)	INV (SE)
S101	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 24 FRAME AND GRATE	964+55.00	32.25 RT	691.44	687.10					
S102	PRECAST REINF. CONCRETE FLARED END SECTION, 12"	962+61.25	38.43 RT	N/A	689.49					
S103	PRECAST REINF. CONCRETE FLARED END SECTION, 12"	962+88.95	36.73 RT	N/A		689.62				
S104	PRECAST REINF. CONCRETE FLARED END SECTION, 12"	962+94.72	35.45 LT	N/A	688.43					
S105	PRECAST REINF. CONCRETE FLARED END SECTION, 12"	963+36.45	34.47 LT	N/A		688.84				
S201	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 24 FRAME AND GRATE	965+00.00	33.25 RT	691.26			686.95			
S202	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	965+00.00	40.25 RT	691.97	686.90	686.90		686.90		
S203	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 24 FRAME AND GRATE	965+30.00	33.92 RT	691.20	687.00					
S204	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE *	965+41.58	34.00 RT	691.19	687.15	686.95	686.95			
S205	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 24 FRAME AND GRATE	965+54.00	34.00 RT	691.20		687.20				
S206	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	965+41.58	41.00 RT	691.85	686.70	686.70		686.85		
S207	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 24 FRAME AND GRATE	965+95.00	34.00 RT	691.28			686.85			
S208	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID *	965+95.00	41.00 RT	691.88	686.35	686.45		686.80		
S209	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	966+27.50	42.23 RT	691.34	685.95	686.20				
S210	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	967+22.90	41.87 RT	691.28		685.65	685.65			
S211	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	967+40.00	33.61 RT	691.18	687.15					
S212	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE *	967+65.00	27.07 RT	691.05		686.50	685.50			
S213	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	967+28.35	46.50 RT	691.75	685.35			685.60		686.00
S214	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	967+65.00	33.85 RT	692.40	685.25	685.25		685.30		
S215	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	968+00.00	30.00 RT	691.86	684.80	684.90		684.20		
S216	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	968+25.00	26.00 RT	690.75	686.85					
S217	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE *	968+37.55	26.00 RT	690.73	686.60	686.75	686.50			
S218	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	968+52.00	26.00 RT	690.74		686.72				
S219	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	968+37.55	31.20 RT	692.05	685.20	685.05		686.45		
S220	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	969+55.00	26.00 RT	691.05			687.00			
S221	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	969+55.00	31.50 RT	692.38	686.40	685.50		686.90		
S222	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	970+46.00	26.00 RT	691.37			687.30			
S223	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID *	970+46.00	31.50 RT	692.30	686.95	686.70		687.20		
S224	PRECAST REINF. CONCRETE FLARED END SECTION, 12"	965+83.40	35.10 LT	N/A	689.38					
S225	PRECAST REINF. CONCRETE FLARED END SECTION, 12"	966+13.15	35.87 LT	N/A		689.29				
S226	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE *	968+00.00	39.00 LT	688.80			684.15	684.15		
S227	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	968+00.00	55.96 LT	N/A			684.10			
S228	PRECAST REINF. CONCRETE FLARED END SECTION, 15"	969+78.20	48.03 LT	N/A	686.90					
S229	PRECAST REINF. CONCRETE FLARED END SECTION, 15"	970+05.35	46.80 LT	N/A		687.22				
S301	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID *	971+55.00	31.50 RT	692.25	687.60	687.35		687.60		
S302	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	971+55.00	26.00 RT	691.90			687.65			
S303	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	972+68.00	26.00 RT	692.38		688.28				
S304	PRECAST REINF. CONCRETE FLARED END SECTION, 15"	974+11.00	45.65 RT	N/A		689.12				
S305	PRECAST REINF. CONCRETE FLARED END SECTION, 15"	974+90.00	47.50 RT	N/A	688.46					
S401	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE *	200+70.00	33.70 RT	691.95	687.95		687.95			
S402	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	200+70.00	20.66 LT	692.15	687.55	687.65				
S403	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID *	200+70.00	36.00 LT	692.70		687.05	688.70		686.95	
S404	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 8 GRATE	201+90.00	38.50 RT	699.35	695.65					
S405	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	201+90.00	18.00 RT	699.05	695.45	695.55				
S406	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	201+90.00	18.00 LT	699.05	695.15	695.25				
S407	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	201+90.00	38.50 LT	699.35		694.85		694.75		
S408	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	202+90.00	18.00 LT	703.41		699.55				
S409	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	202+90.00	18.00 RT	703.41	699.35	699.25				
S410	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE *	202+90.00	38.50 RT	703.35	699.15		699.05			
S411	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	204+39.00	17.43 LT	703.68			699.60			
S412	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE *	204+49.11	17.15 LT	703.67		699.45	699.55	699.55		
S413	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	204+59.25	16.90 LT	703.69				699.60		
S414	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	204+39.00	17.43 RT	703.68			699.65			
S415	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE *	204+49.11	17.15 RT	703.67	699.30	699.20	699.60	699.60		
S416	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	204+59.25	16.90 RT	703.69				699.65		
S417	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	204+49.11	40.25 RT	703.30	699.10		698.25	698.35		
S418	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	200+95.00	26.45 RT	693.18				689.50		
S501	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	205+58.00	14.43 LT	703.18		699.15				
S502	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	205+58.00	14.43 RT	703.18	699.00	698.90				
S503	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	205+58.00	35.50 RT	705.45	698.80		696.10	697.75		
S504	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	207+48.40	34.00 RT	705.91			695.60	695.60		
S505	INLET, TYPE A, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	208+00.00	12.40 LT	705.28		701.25				
S506	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 11V FRAME AND GRATE	208+00.00	12.40 RT	705.28	701.15	701.05				
S507	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	208+00.00	33.00 RT	705.80	700.95		695.45	695.45		
S508	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	209+85.00	33.00 RT	702.52	695.15	696.72		695.15		
S509	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	209+85.00	12.42 RT	701.71	695.10	695.10				
S510	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	209+85.00	12.42 LT	701.71	695.05	695.05				
S511	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID, RESTRICTOR PLATE	209+85.00	35.50 LT	700.90		695.00	694.90			
S512	CATCH BASINS, TYPE C, 2'-DIAMETER, TYPE 8 GRATE	209+81.00	40.50 RT	700.75	696.75					

* INDICATES STRUCTURE WITH FLAT SLAB TOP

STORM SEWER PIPE SCHEDULE

PIPE #	FROM	TO	CLASS	TYPE	LENGTH (FT)	DIA (IN)	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TBF (CY)
P101	S101	S202	A	2	43	12	0.47%	687.10	686.90	7.4
P201	S201	S202	A	2	4	12	1.25%	686.95	686.90	0.7
P202	S202	S206	A	2	38	12	0.53%	686.90	686.70	4.3
P203	S203	S204	A	2	9	12	0.56%	687.00	686.95	1.5
P204	S204	S206	A	2	4	12	2.50%	686.95	686.85	0.8
P205	S205	S204	A	1	9	12	0.56%	687.20	687.15	1.3
P206	S206	S208	A	2	50	12	0.50%	686.70	686.45	0.0
P207	S207	S208	A	2	4	12	1.25%	686.85	686.80	0.9
P208	S208	S209	A	2	29	12	0.52%	686.35	686.20	2.3
P209	S209	S210	A	2	92	15	0.33%	685.95	685.65	28.6
P210	S210	S213	A	2	3	15	1.67%	685.65	685.60	1.1
P211	S211	S212	A	2	23	12	2.83%	687.15	686.50	4.0
P212	S212	S214	A	2	3	12	6.67%	685.50	685.30	1.4
P213	S213	S214	A	2	35	18	0.29%	685.35	685.25	0.0
P214	S214	S215	A	2	31	18	1.13%	685.25	684.90	0.0
P215	S215	S226	A	1	65	30	0.08%	684.20	684.15	26.0
P216	S216	S217	A	1	10	12	1.00%	686.85	686.75	1.5
P217	S217	S219	A	2	2	15	2.50%	686.50	686.45	0.5
P218	S218	S217	A	1	11	12	1.09%	686.72	686.60	1.5
P219	S219	S215	A	2	33	18	0.76%	685.05	684.80	0.0
P220	S220	S221	A	2	3	12	3.33%	687.00	686.90	0.7
P221	S221	S219	A	2	112	18	0.27%	685.50	685.20	0.0
P222	S222	S223	A	2	3	12	3.33%	687.30	687.20	0.6
P223	S223	S221	A	2	86	18	0.35%	686.70	686.40	12.9
P225	S226	S227	A	1	10	30	0.50%	684.15	684.10	0.0
P301	S301	S223	A	2	104	15	0.38%	687.35	686.95	13.5
P302	S302	S301	A	2	3	12	1.67%	687.65	687.60	0.6
P303	S303	S301	A	2	111	12	0.61%	688.28	687.60	14.8
P401	S401	S402	A	2	52	12	0.58%	687.95	687.65	9.6
P402	S402	S403	A	2	13	12	3.85%	687.55	687.05	6.3
P403	S403	S213	A	2	20	12	4.75%	686.95	686.00	7.2
P404	S404	S405	A	1	19	12	0.53%	695.65	695.55	2.6
P405	S405	S406	A	1	35	12	0.57%	695.45	695.25	4.6
P406	S406	S407	A	2	15	12	2.00%	695.15	694.85	3.3
P407	S407	S403	A	2	116	12	5.22%	694.75	688.70	36.2
P408	S408	S409	A	1	35	12	0.57%	699.55	699.35	5.4
P409	S409	S410	A	2	18	12	0.56%	699.25	699.15	3.3
P410	S410	S417	A	2	156	12	0.45%	699.05	698.35	7.2
P411	S411	S412	A	1	8	12	0.63%	699.60	699.55	1.3
P412	S412	S415	A	2	31	12	0.48%	699.45	699.30	5.8
P413	S413	S412	A	1	8	12	0.63%	699.60	699.55	1.4
P414	S414	S415	A	1	8	12	0.62%	699.65	699.60	1.3
P415	S415	S417	A	2	20	12	0.50%	699.20	699.10	3.5
P416	S416	S415	A	1	8	12	0.62%	699.65	699.60	1.3
P417	S417	S503	A	2	106	12	0.47%	698.25	697.75	0.0
P418	S418	S401	A	1	24	12	6.46%	689.50	687.95	3.4
P501	S501	S502	A	2	27	12	0.56%	699.15	699.00	4.5
P502	S502	S503	A	2	19	12	0.53%	698.90	698.80	7.5
P503	S503	S504	A	2	187	18	0.27%	696.10	695.60	51.9
P504	S504	S507	A	2	48	24	0.31%	695.60	695.45	22.5
P505	S505	S506	A	1	23	12	0.43%	701.25	701.15	3.8
P506	S506	S507	A	2	18	12	0.56%	701.05	700.95	3.7
P507	S507	S508	A	2	181	24	0.17%	695.45	695.15	26.1
P508	S508	S509	A	2	17	24	0.29%	695.15	695.10	11.1
P509	S509	S510	A	2	21	24	0.24%	695.10	695.05	14.7
P510	S510	S511	A	2	20	24	0.25%	695.05	695.00	9.5
P511	S511	EXIST.	A	2	44	18	0.36%	694.90	694.74	9.2
P512	S512	S508	A	2	6	12	0.50%	696.75	696.72	0.0

CULVERT PIPE SCHEDULE

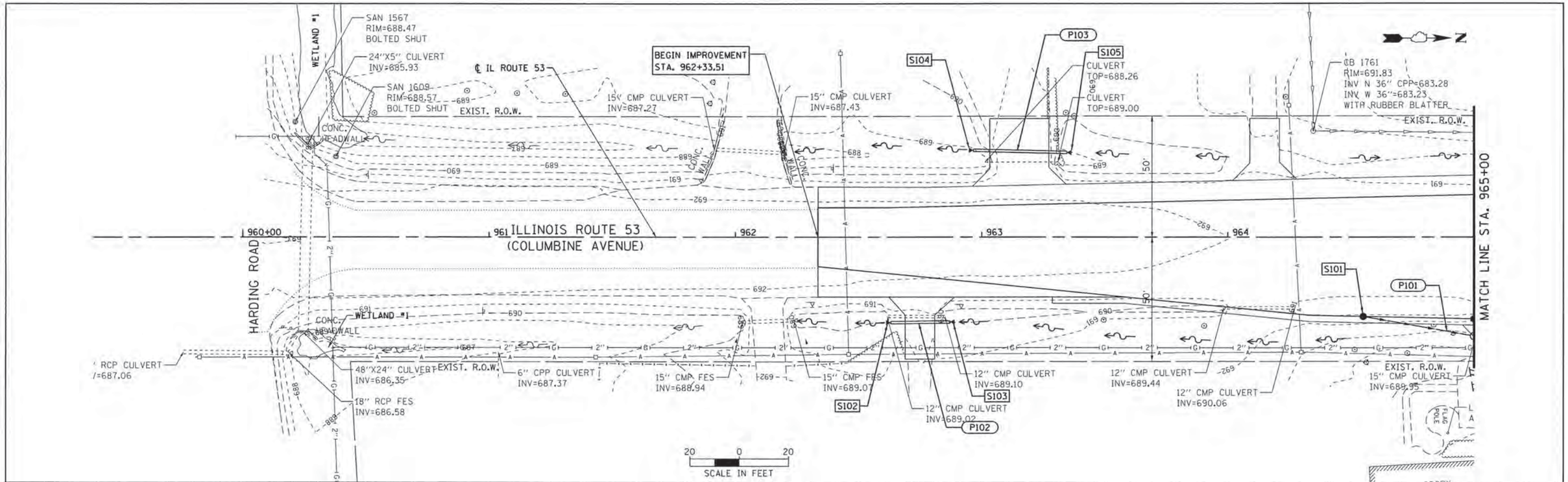
PIPE #	FROM	TO	CLASS	TYPE	LENGTH (FT)	DIA (IN)	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT	TBF (CY)
P102	S102	S103	A	1	16	12	0.46%	689.62	689.49	2.1
P103	S104	S105	A	1	30	12	0.98%	688.84	688.43	4.6
P224	S224	S225	A	1	18	12	0.30%	689.38	689.29	2.4
P226	S228	S229	A	1	16	15	1.14%	687.22	686.90	1.9
P304	S304	S305	A	1	68	15	0.82%	689.12	688.46	8.8

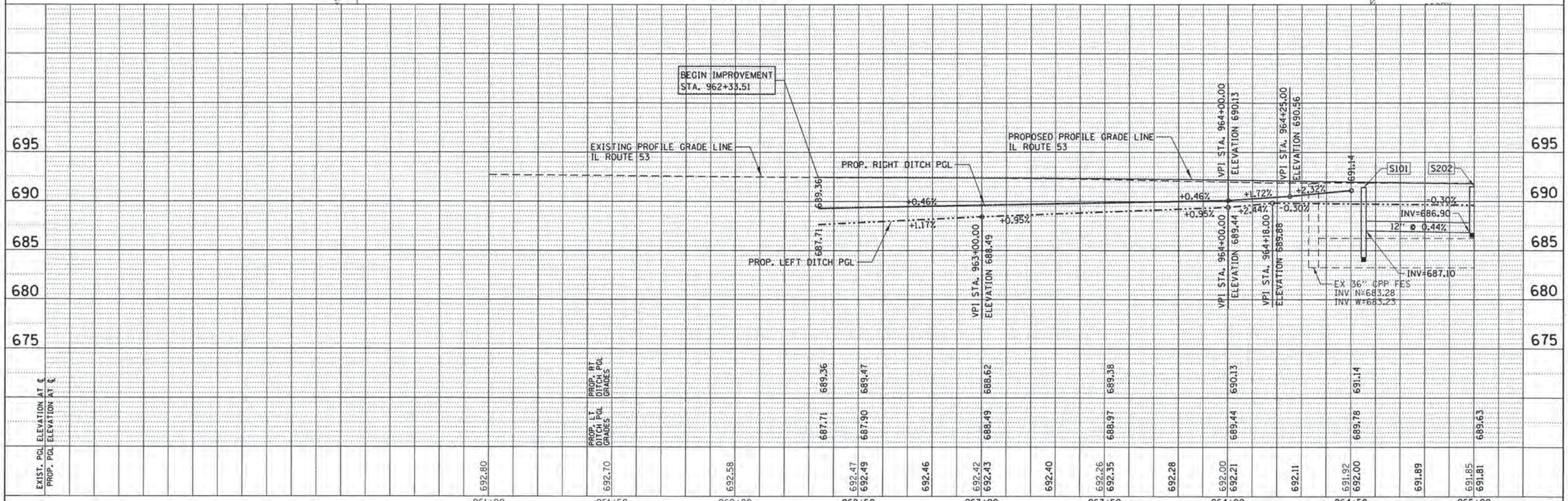
PLAN

PROFILE

CHRISTOPHER B. BURKE ENGINEERING, LTD.

FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-drainschedule-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 53 AT MADISON ST DRAINAGE SCHEDULES	F.A.P. RTE. 0870	SECTION 11-00155-00-CH
Default	PLOT SCALE = 20'	DRAWN - PMM	REVISED -		NOT TO SCALE	SHEET 1 OF 1 SHEETS	STA. TO STA.
	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -			COUNTY DUPAGE	TOTAL SHEETS 90 SHEET NO. 29
		DATE -	REVISED -			CONTRACT NO. 61A54	ILLINOIS FED. AID PROJECT





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Default	PLOT SCALE = 20'	DRAWN - JS	REVISED -
	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

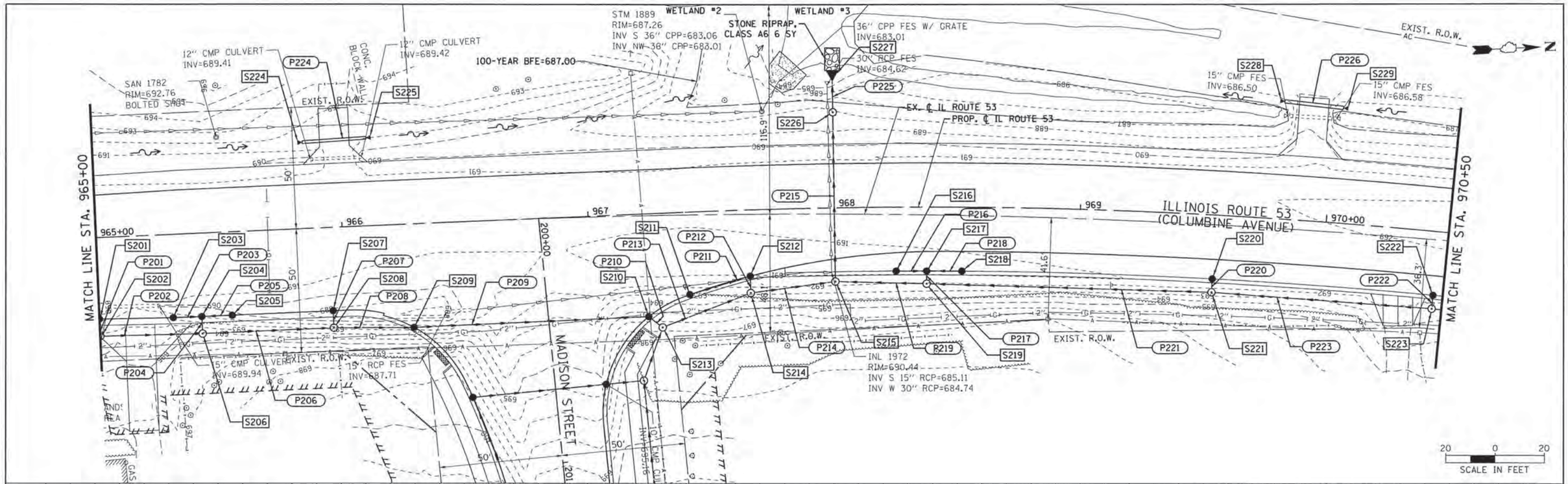
ILLINOIS ROUTE 53
DRAINAGE PLAN AND PROFILE
STA. 962 + 33.51 TO STA. 965 + 00

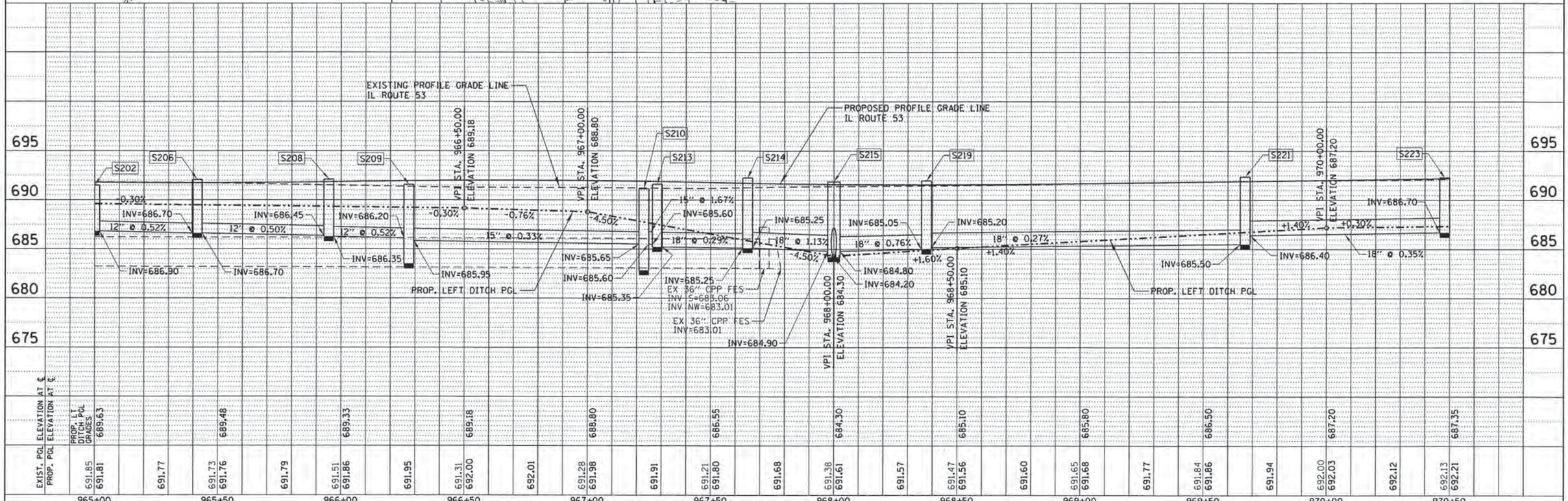
SCALE: 20H 5V | SHEET 1 OF 5 SHEETS | STA. 962+33.51 TO STA. 965+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	30
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
B.M. NOTED
STRUCTURE NOTATING CHKD
NOTE BOOK
NO.
BY
DATE





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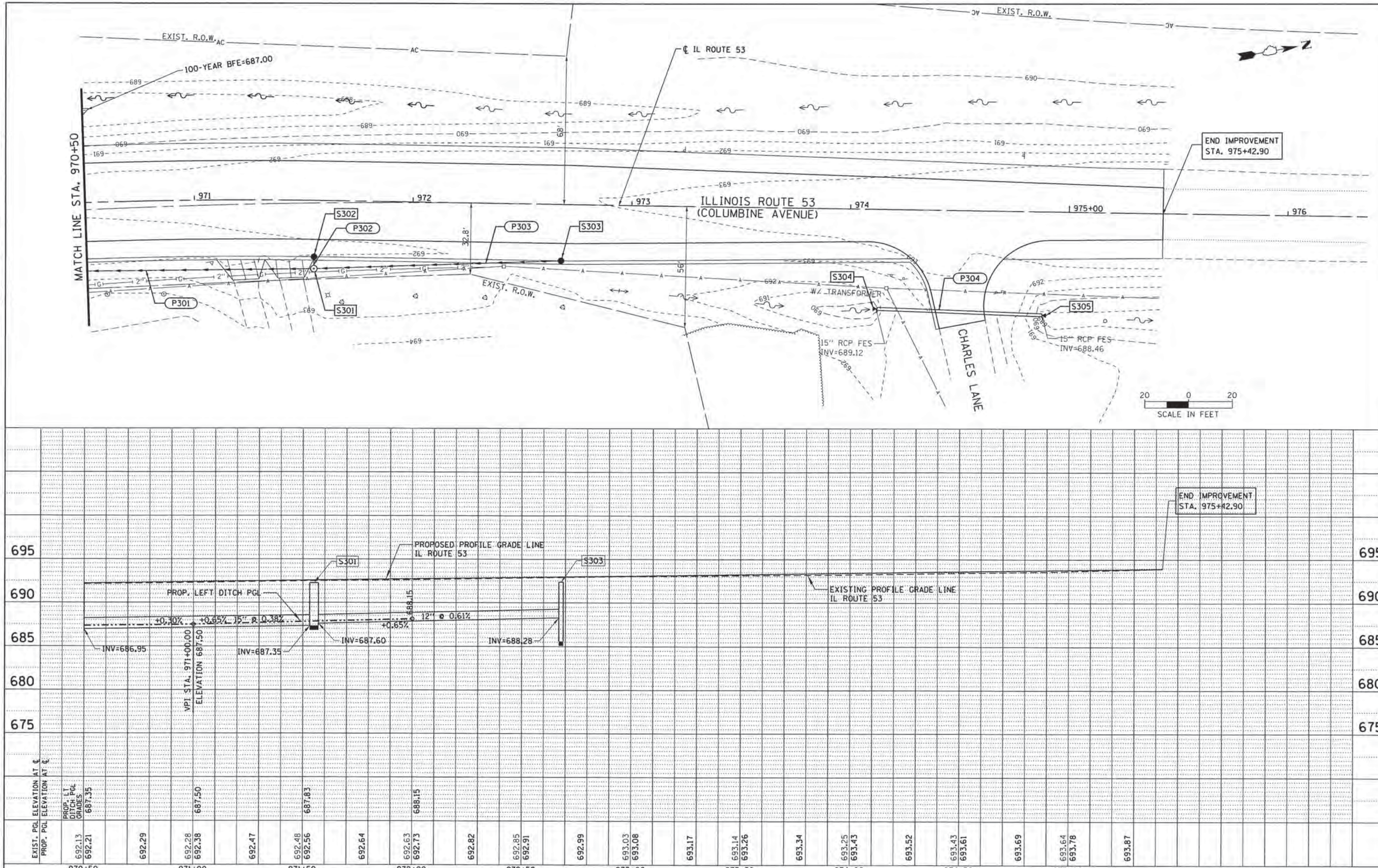
Default	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
DRAINAGE PLAN AND PROFILE
STA. 650+00 TO STA. 100+00

SCALE: 20H 5V | SHEET 2 OF 5 SHEETS | STA. 965+00 | TO STA. 970+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	31
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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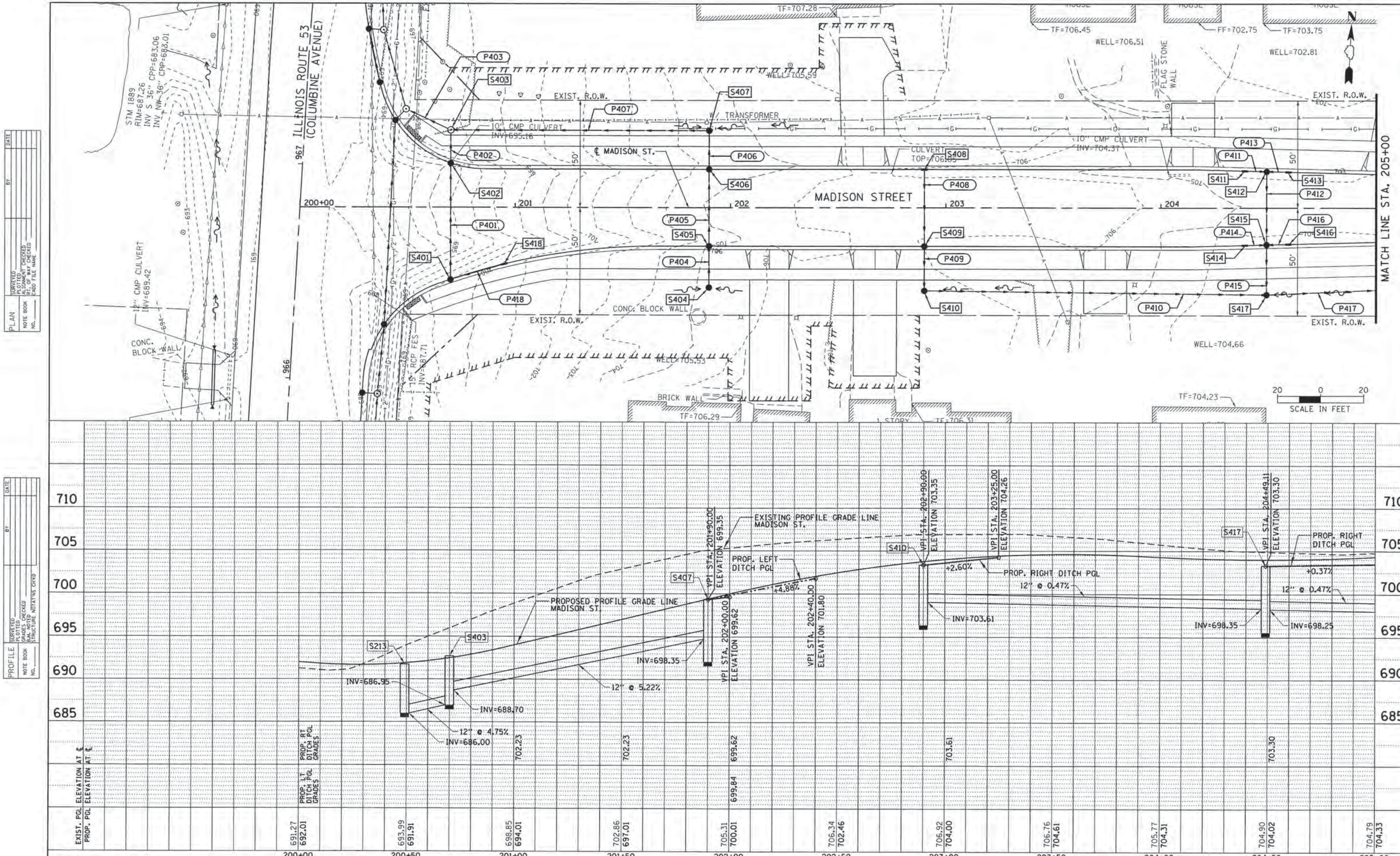
	PLOT SCALE = 20'	DRAWN - JS	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**DRAINAGE PLAN AND PROFILE**
Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -		**STA. 970+50 TO STA. 975+42.90**
		DATE -	REVISED -		SCALE: 20H 5V — SHEET 3 OF 5 SHEETS — STA. 970+50 TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	32
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



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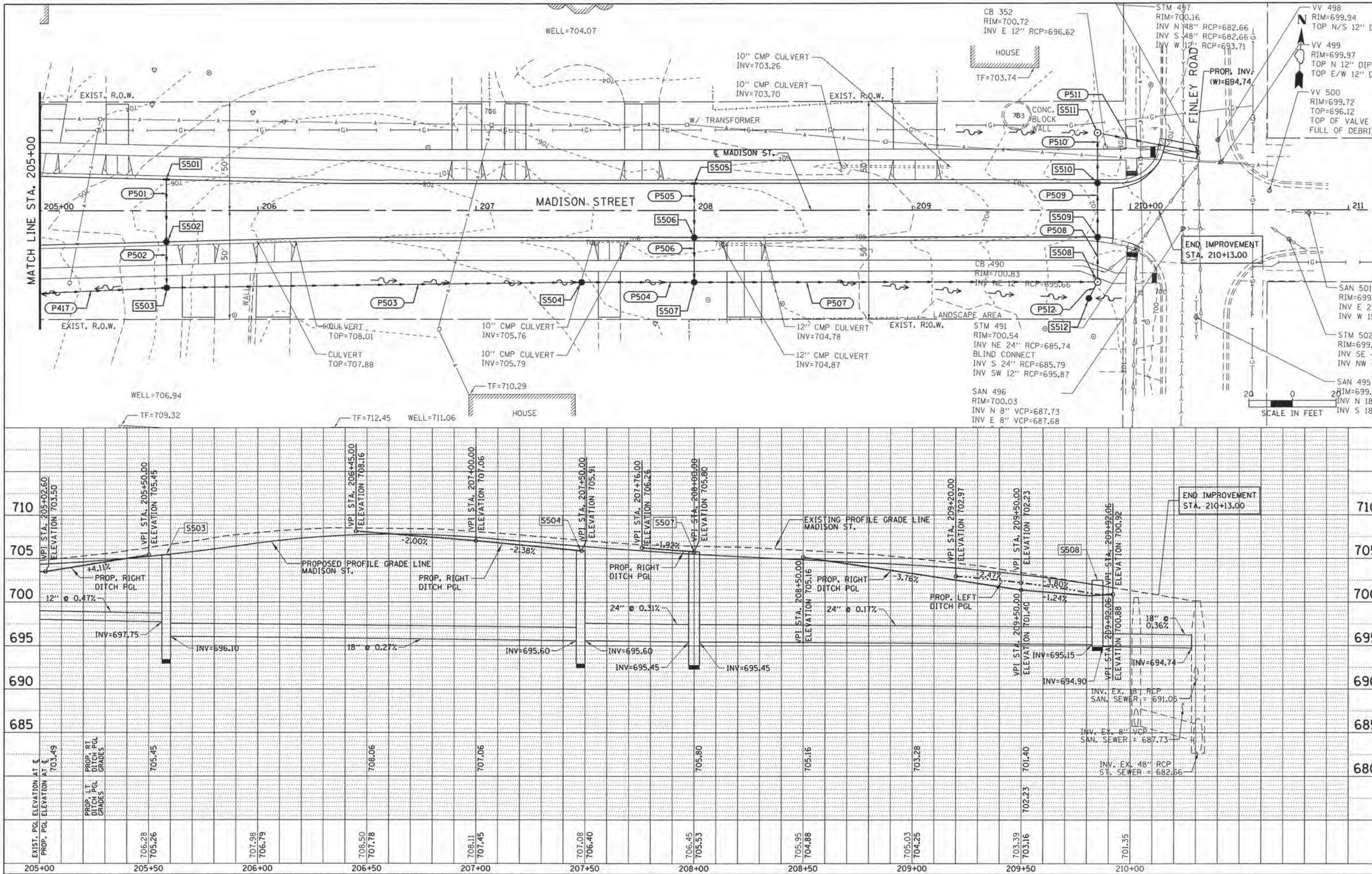
		DRAWN - JS	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON ST
DRAINAGE PLAN AND PROFILE
STA. 200+00 TO STA. 205+00

SCALE: 20H 5V | SHEET 4 OF 5 SHEETS | STA. 200+00 TO STA. 205+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	33
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		


MATCH LINE STA. 205+00
MADISON STREET
℄ MADISON ST.
FINLEY ROAD
EXIST. R.O.W.
WELL=704.07
WELL=706.94
WELL=711.06
TF=709.32
TF=712.45
TF=710.29
TF=703.74
HOUSE
W/ TRANSFORMER
10" CMP CULVERT INV=703.26
10" CMP CULVERT INV=703.70
10" CMP CULVERT INV=705.76
10" CMP CULVERT INV=705.79
12" CMP CULVERT INV=704.78
12" CMP CULVERT INV=704.87
CULVERT TOP=708.01
CULVERT TOP=707.88
CONC. BLOCK WALL
LANDSCAPE AREA
CB 352 RIM=700.72 INV E 12" RCP=696.62
STM 497 RIM=700.16 INV N 48" RCP=682.66 INV S 48" RCP=682.66 INV W 12" RCP=693.71
PROP. INV. (W)=694.74
CB 490 RIM=700.83 INV NE 12" RCP=695.66
STM 491 RIM=700.54 INV NE 24" RCP=685.74 BLIND CONNECT INV S 24" RCP=685.79 INV SW 12" RCP=695.87
SAN 496 RIM=700.03 INV N 8" VCP=687.73 INV E 8" VCP=687.68
END IMPROVEMENT STA. 210+13.00
SCALE IN FEET
P501 P502 P503 P504 P505 P506 P507 P508 P509 P510 P511 P512 P417
S501 S502 S503 S504 S505 S506 S507 S508 S509 S510 S511 S512
PROPOSED PROFILE GRADE LINE MADISON ST.
EXISTING PROFILE GRADE LINE MADISON ST.
PROP. RIGHT DITCH PGL
PROP. LEFT DITCH PGL
VPI STA. 205+02.60 ELEVATION 703.50
VPI STA. 205+50.00 ELEVATION 705.45
VPI STA. 206+45.00 ELEVATION 708.16
VPI STA. 207+00.00 ELEVATION 707.06
VPI STA. 207+50.00 ELEVATION 705.91
VPI STA. 207+76.00 ELEVATION 706.26
VPI STA. 208+00.00 ELEVATION 705.80
VPI STA. 208+50.00 ELEVATION 705.16
VPI STA. 209+20.00 ELEVATION 702.97
VPI STA. 209+50.00 ELEVATION 702.23
VPI STA. 209+50.00 ELEVATION 701.40
VPI STA. 209+92.06 ELEVATION 700.92
VPI STA. 209+92.06 ELEVATION 700.88
+4.11% -2.00% -2.38% -1.92% -3.76% -2.47% -3.80% -1.24%
12" @ 0.47%
18" @ 0.27%
24" @ 0.31%
24" @ 0.17%
18" @ 0.36%
INV=697.75 INV=696.10 INV=695.60 INV=695.60 INV=695.45 INV=695.45 INV=695.15 INV=694.90 INV=694.74
INV. EX. 18" RCP SAN. SEWER = 691.05
INV. EX. 8" VCP SAN. SEWER = 687.73
INV. EX. 48" RCP ST. SEWER = 682.66
EXIST. PGL ELEVATION AT ℄
PROP. PGL ELEVATION AT ℄
PROP. RT DITCH PGL GRADES
PROP. LT DITCH PGL GRADES
205+00 205+50 206+00 206+50 207+00 207+50 208+00 208+50 209+00 209+50 210+00

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	PLOT SCALE = 20'	DRAWN - JS	REVISED -	
Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -	
		DATE -	REVISED -	

MADISON ST DRAINAGE PLAN AND PROFILE STA. 205+00 TO STA. 210+13

SCALE: 20H 5V | SHEET 5 OF 5 SHEETS | STA. 205+00 TO STA. 210+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	34

CONTRACT NO. 61A54

ILLINOIS FED. AID PROJECT

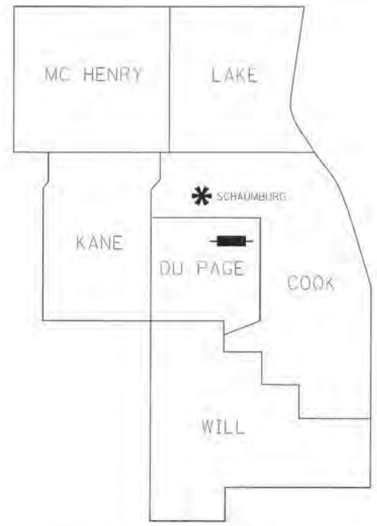
PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1KZ0001TE	NICK A. NELSON AND ANGELA M. NELSON, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	2, 3	
1KZ0002 1KZ0002TE	RICHARD W. BRACKMANN	2, 3	
1KZ0003 1KZ0003TE	JEFFREY G. SORENSEN AND HELEN A. SORENSEN, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	2, 3	
1KZ0004TE	WAYNE J. KAROL AND MARGARET A. KAROL, HUSBAND AND WIFE, IN JOINT TENANCY	2, 3	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

FAP ROUTE 0870 (COLUMBINE AVE) (IL. ROUTE 53)
AND FAU ROUTE 1426 (MADISON ST)
SECTION 11–00155–00–CH
DuPAGE COUNTY
LIMITS HARDING ROAD TO CHARLES LANE
AND COLUMBINE AVE. TO FINLEY ROAD

R–91–007–14



DISTRICT HEADQUARTERS: –
LOCATION OF SECTION INDICATED THUS: –

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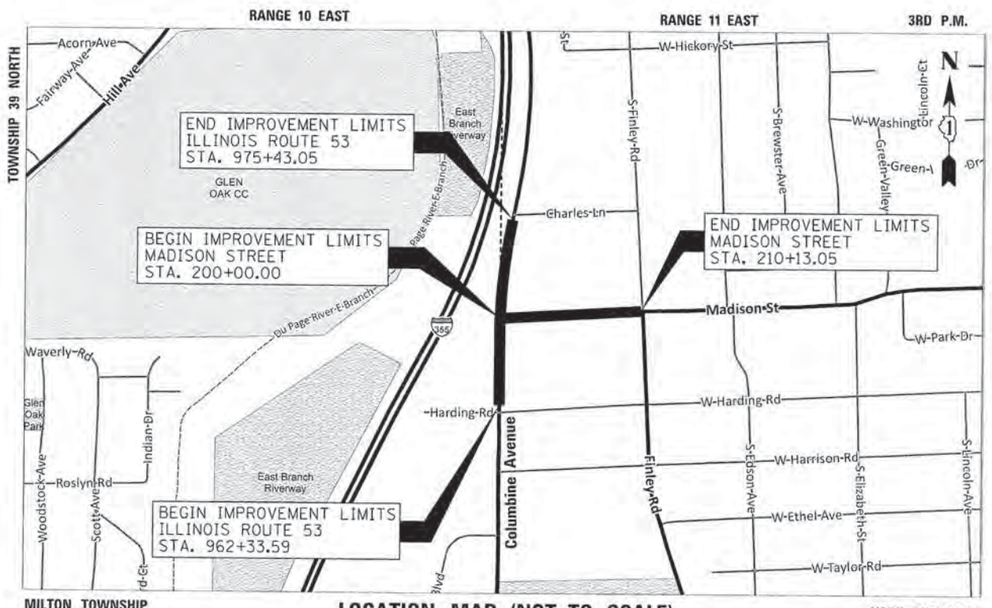
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500



LOCATION MAP (NOT TO SCALE)

GROSS LENGTH = 2,297 FT. (0.44 MI.) **NET LENGTH = 2,297 FT. (0.44 MI.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	35
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		

IDOT USE ONLY

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FILE NAME N:\Lombard\110152.00002\CADD.Sheets\D161A54-sht-Plat-01.dgn

PART OF THE SW QUARTER OF SECTION 7 & THE NE QUARTER OF SECTION 18, TWP. 39 N., R. 11 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
1KZ0001TE	0.458	N/A	N/A	0.458	0.019	N/A	06-18-100-002
1KZ0002	0.468	0.014	N/A	0.454	N/A	N/A	06-18-100-001
1KZ0002TE					0.126	N/A	
1KZ0003	0.931	0.010 449 SQ. FT.	N/A	0.921	N/A	N/A	06-07-304-007
1KZ0003TE					0.087	N/A	
1KZ0004TE	0.530	N/A	N/A	0.530	0.032	N/A	06-18-100-003

LEGEND

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

GRAPHIC SCALE FEET

SCALE: 1"= 50'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (NA2011) 2007 ADJUSTMENT, EAST ZONE.

- 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.
- 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 2136 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
ISS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7 & 18, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 ROSEMONT, ILLINOIS THIS ____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
LICENSE EXPIRATION DATE: 11-30-2016

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

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM AN AVERAGE COMBINED SCALE FACTOR OF 0.99994934423 BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-2007 ADJUSTMENT)

REVISION DATE: 10/6/2015 REVISION MADE BY: AJK

IDOT USE ONLY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 0870 (COLUMBINE AVENUE) (IL RT 53)
AND FAU ROUTE 1426 (MADISON STREET)

LIMITS: IL RT 53 TO FINLEY RD COUNTY: DUPAGE
SECTION: 11-00155-00-CH JOB NO.: R-91-007-14
STA. 200+00.00 TO STA. 210+13.05
SCALE: 1"= 50' SHEET 2 OF 3 SHEETS

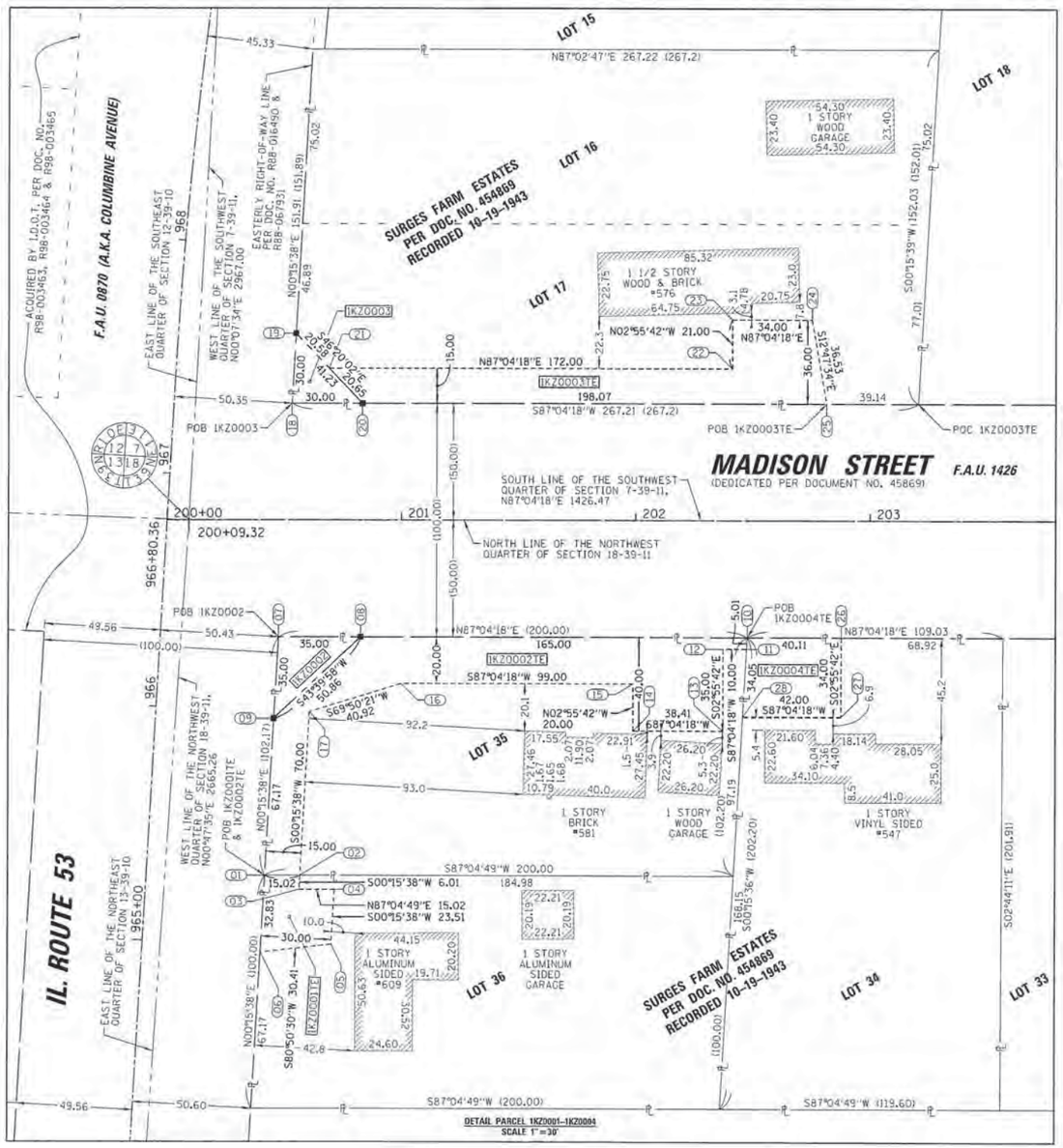
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

CONTRACT 61A54 SHEET 36 OF 90

S:\LOMBARD\118152ground\Survey\twg\118152-2.sur

FILE NAME N:\Lombard\118152.00002\CADD_Sheets\D161A54-sht-Plat-02.dgn

PART OF THE SW QUARTER OF SECTION 7 & THE NE QUARTER OF SECTION 18, TWP. 39 N., R. 11 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.



LEGEND

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

SECTION CORNER

QUARTER SECTION CORNER

N

GRAPHIC SCALE FEET

SCALE: 1"= 30'

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

○	IRON PIPE OR ROD FOUND	⊕	"MAG" NAIL SET
+	CUT CROSS FOUND OR SET	●	5/8" REBAR SET

● T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001175,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7 & 18, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 ROSEMONT, ILLINOIS THIS ____ DAY OF _____ 20____A.D.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
LICENSE EXPIRATION DATE: 11-30-2016

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

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

STATION OFFSET TABLE				
	MADISON STREET		IL. ROUTE 53	
PT*	STATION	OFFSET	STATION	OFFSET
01	200+42.01	152.02 RT	965+30.62	50.52 RT
02	200+57.03	152.02 RT	965+31.47	65.52 RT
03	200+57.03	152.02 RT	965+29.46	65.52 RT
04	200+71.72	158.02 RT	965+26.30	80.52 RT
05	200+70.41	181.50 RT	965+02.79	80.54 RT
06	200+40.18	184.80 RT	964+91.79	50.54 RT
07	200+47.69	50.01 RT	966+32.79	50.43 RT
08	200+82.69	50.01 RT	966+34.76	85.38 RT
09	200+45.74	84.95 RT	965+97.79	50.46 RT
10	202+47.69	50.01 RT	966+44.08	250.12 RT
11	202+47.41	55.01 RT	966+39.07	250.12 RT
12	202+37.41	55.01 RT	966+38.50	240.14 RT
13	202+37.41	80.01 RT	966+03.56	242.11 RT
14	201+99.01	90.01 RT	966+01.19	203.77 RT
15	201+99.01	70.01 RT	966+21.36	202.64 RT
16	201+00.01	70.01 RT	966+15.77	103.80 RT
17	200+60.92	82.13 RT	966+01.47	65.46 RT
18	200+53.26	49.99 LT	967+32.94	50.16 RT
19	200+54.93	79.94 LT	967+63.49	50.20 RT
20	200+83.26	49.99 LT	967+34.64	80.31 RT
21	200+69.07	64.99 LT	967+49.10	65.27 RT
22	202+41.07	64.99 LT	967+60.81	236.93 RT
23	202+41.07	85.99 LT	967+84.27	235.43 RT
24	202+75.07	85.99 LT	967+87.24	269.33 RT
25	202+88.33	50.00 LT	967+46.73	278.05 RT
26	202+87.79	50.01 RT		
27	202+87.79	84.01 RT		
28	202+45.79	84.01 RT		

REVISION DATE: 10/6/2015 REVISION MADE BY: AJK

COORDINATE TABLE		
PT*	NORTHING	EASTING
07	1896951.37	1066154.45
08	1896953.16	1066189.41
09	1896916.37	1066154.29
18	1897051.52	1066154.91
19	1897081.52	1066155.05
20	1897053.05	1066184.87

NOTE: COORDINATES SHOWN ON THE PLAT HEREON ARE "GROUND VALUES" (UNLESS OTHERWISE NOTED) DERIVED FROM AN AVERAGE COMBINED SCALE FACTOR OF 0.99994934423 BASED ON THE ILLINOIS COORDINATE SYSTEM, EAST ZONE. (N.A.D. 83-W-2007 ADJUSTMENT)

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 0870 (COLUMBINE AVENUE) (IL RT 53) AND FAU ROUTE 1426 (MADISON STREET)

LIMITS: IL RT 53 TO FINLEY RD COUNTY: DUPAGE

SECTION: 11-00155-00-CH JOB NO.: R-91-007-14

STA. 200+00.00 TO STA. 210+13.05

SCALE: 1"= 30' SHEET 3 OF 3 SHEETS

IDOT USE ONLY

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

CONTRACT 61A54 SHEET 37 OF 90

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ILLINOIS ROUTE 53

MADISON ST

PGL

PGL

ONLY

2% (TYP.)

2% (TYP.)

965+50 965+75 966+00 966+25 966+50 966+75 967+00 967+25 967+42.75 967+50 967+62.45 967+75 968+00 968+25

200+50 200+75 201+00 201+25 201+50

SCALE IN FEET
10 0 10

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R.W. NOTED
STRUCTURE NOTATIONS DATED
R/W OR EASEMENT CHECKED
R/W OF WAY CHECKED
F.A.P.D. FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R.W. NOTED
STRUCTURE NOTATIONS DATED
BY
DATE

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

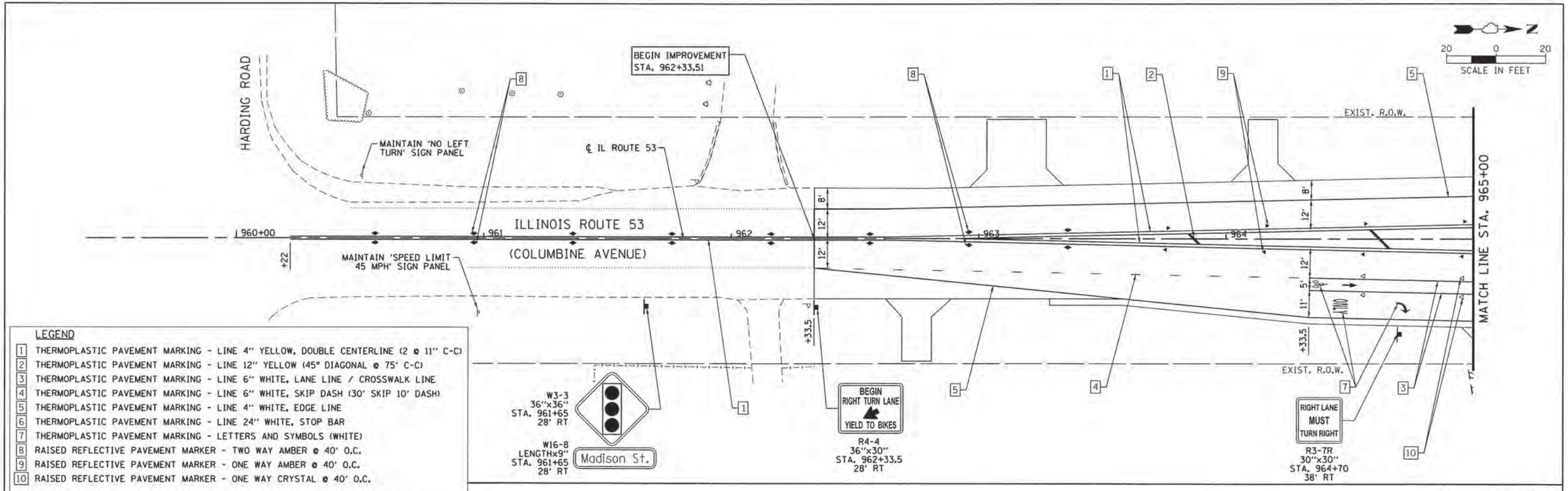
FILE NAME = N:\Lombard\118152.00002\CADD_Sheets\D161A54-sht-intersec.dgn	USER NAME = jaitrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
INTERSECTION PAVING PLAN
STA. 965+50 TO STA. 968+25

SCALE: 1" = 10' | SHEET 1 OF 1 SHEETS | STA. 965+50 TO STA. 968+25

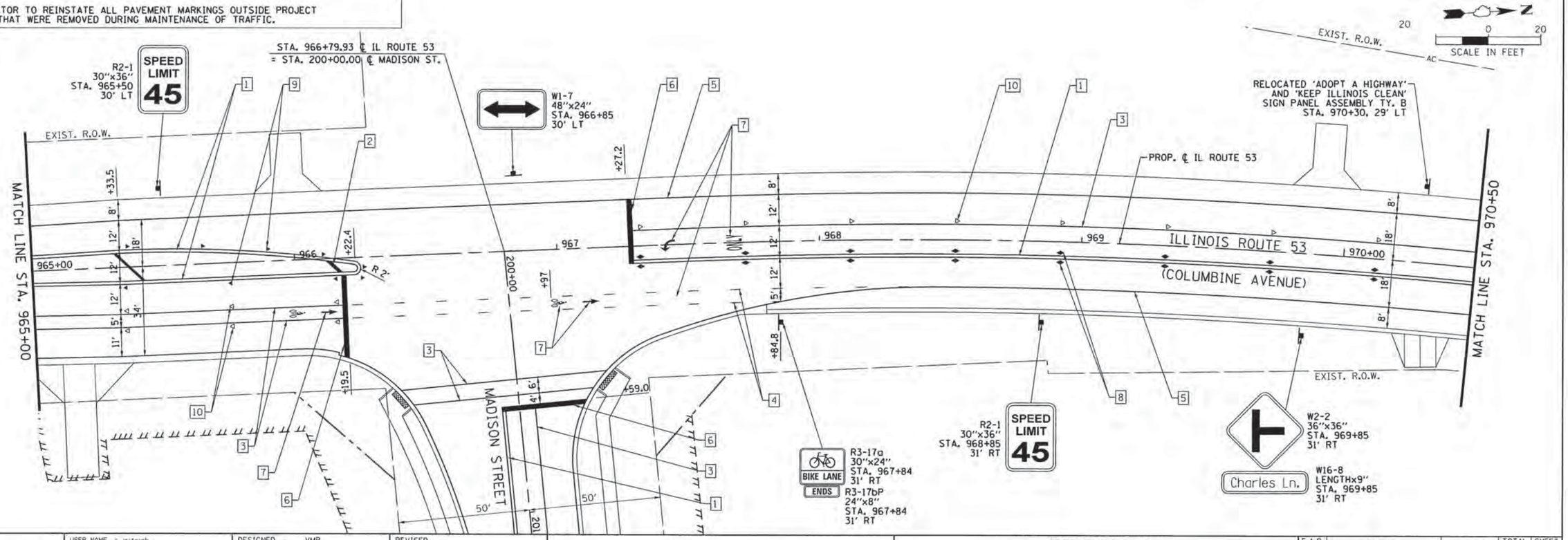
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	38
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



LEGEND

1	THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW, DOUBLE CENTERLINE (2 @ 11" C-C)
2	THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW (45° DIAGONAL @ 75' C-C)
3	THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE, LANE LINE / CROSSWALK LINE
4	THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE, SKIP DASH (30' SKIP 10' DASH)
5	THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE, EDGE LINE
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE, STOP BAR
7	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
8	RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER @ 40' O.C.
9	RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER @ 40' O.C.
10	RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL @ 40' O.C.

NOTE: CONTRACTOR TO REINSTATE ALL PAVEMENT MARKINGS OUTSIDE PROJECT LIMITS THAT WERE REMOVED DURING MAINTENANCE OF TRAFFIC.



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		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
PAVEMENT MARKING AND SIGNING PLAN
STA. 962+33.51 TO STA. 970+50

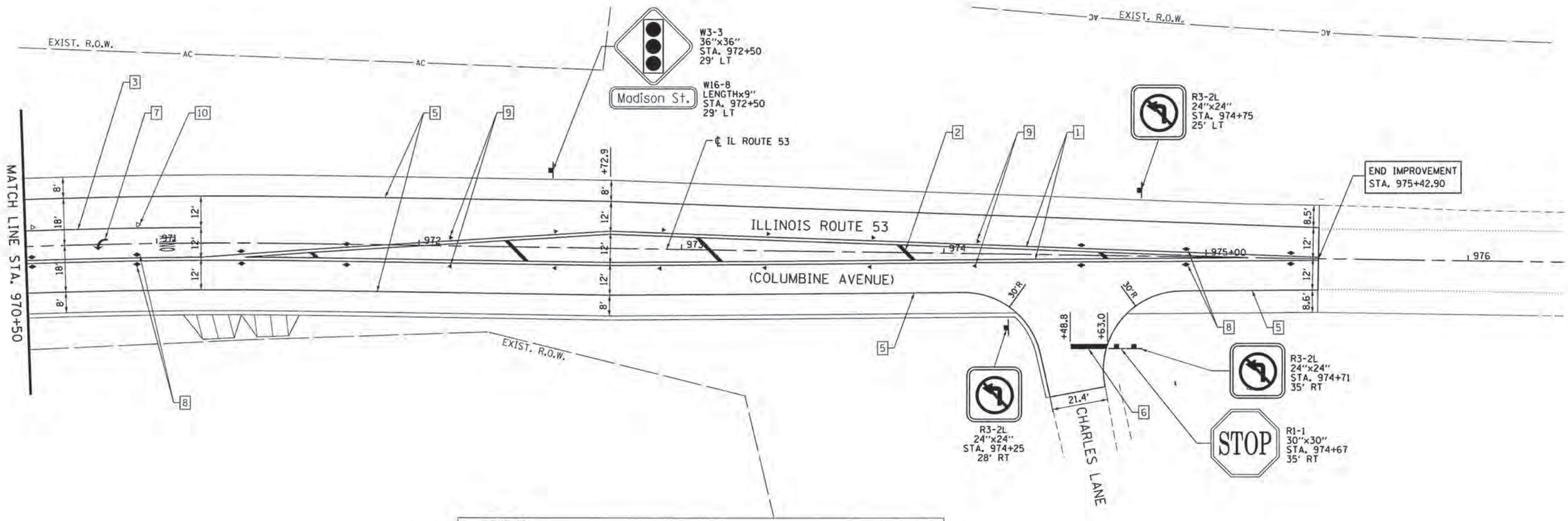
SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 962+33.51 TO STA. 970+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	39
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

PLAN — SURVEYED, DRAWN, QUANTITIES CHECKED, FINAL CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, DRAWN, GRADES CHECKED, FINAL CHECKED, NOTE BOOK, NO., BY, DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500



LEGEND

1	THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW, DOUBLE CENTERLINE (2 @ 11" C-C)
2	THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW (45° DIAGONAL @ 75' C-C)
3	THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE, LANE LINE / CROSSWALK LINE
4	THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE, SKIP DASH (30' SKIP 10' DASH)
5	THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE, EDGE LINE
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE, STOP BAR
7	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
8	RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER @ 40' O.C.
9	RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER @ 40' O.C.
10	RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL @ 40' O.C.

NOTE: CONTRACTOR TO REINSTATE ALL PAVEMENT MARKINGS OUTSIDE PROJECT LIMITS THAT WERE REMOVED DURING MAINTENANCE OF TRAFFIC.

PLAN: SURVEYED, PLOTTED, QUANTITIES CHECKED, BAL. NOTED, STRUCTURE NOTATIONS CHKD, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, QUANTITIES CHECKED, BAL. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\DJ61A54-sht-pmk-02.dgn	USER NAME = jpatrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
PAVEMENT MARKING AND SIGNING PLAN
STA. 970+50 TO STA. 975+42.90

SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 970+50 TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	40
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

PROP. ℄ IL ROUTE 53
EXIST. ℄ IL ROUTE 53
EXIST. R.O.W.
R3-8F
30"x30"
STA. 202+45
23' LT
ONLY ONLY
FLAG STONE WALL
EXIST. R.O.W.
℄ MADISON ST.
STA. 966+79.93 ℄ IL ROUTE 53
= STA. 200+00.00 ℄ MADISON ST.
MADISON STREET
MATCH LINE STA. 205+00
CONC. BLOCK WALL
EXIST. R.O.W.
BRICK WALL
CONC. BLOCK WALL
EXIST. R.O.W.
W3-3
36"x36"
STA. 206+50
17' LT
W16-8
LENGTHx15"
STA. 206+50
17' LT
IL Route 53
Columbine Ave.
EXIST. R.O.W.
EXIST. R.O.W.
CONC. BLOCK WALL
℄ MADISON ST.
MATCH LINE STA. 205+00
MADISON STREET
FINLEY ROAD
END IMPROVEMENT
STA. 210+13.00
WALL
R.O.W.
LANDSCAPE AREA
EXIST. R.O.W.
W3-1a
36"x36"
STA. 206+50
17' RT
RELOCATED 'SNOW REMOVAL NO PARKING'
AND 'NO PARKING VILLAGE STREETS'
SIGN PANEL ASSEMBLY TY. A
STA. 209+00, 16' RT
R1-1
30"x30"
STA. 209+93
19' RT
STOP
N
SCALE IN FEET
20 0 20

LEGEND

1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW, DOUBLE CENTERLINE (2 @ 11" C-C)
2 THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW (45° DIAGONAL @ 50' C-C)
3 THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE, LANE LINE / CROSSWALK LINE
6 THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE, STOP BAR
7 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)

NOTE: CONTRACTOR TO REINSTATE ALL PAVEMENT MARKINGS OUTSIDE PROJECT LIMITS THAT WERE REMOVED DURING MAINTENANCE OF TRAFFIC.

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, PROFILE CHECKED, B.M. NOTED, STRUCTURE NO(S)/NO. CHKD, NOTE BOOK, NO., BY, DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

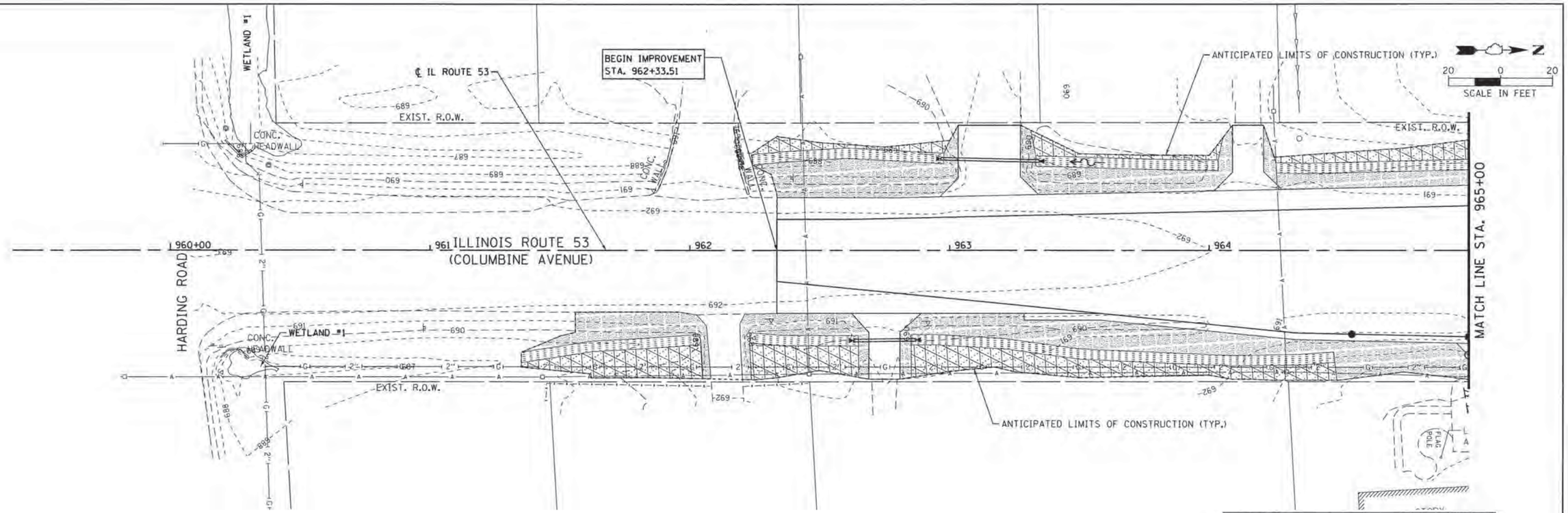
FILE NAME = N:\Lombard\118152.00002\CADD_Sheets\D1614-sht-pmk-03.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON ST
PAVEMENT MARKING AND SIGNING PLAN
STA. 200+00 TO STA. 209+88

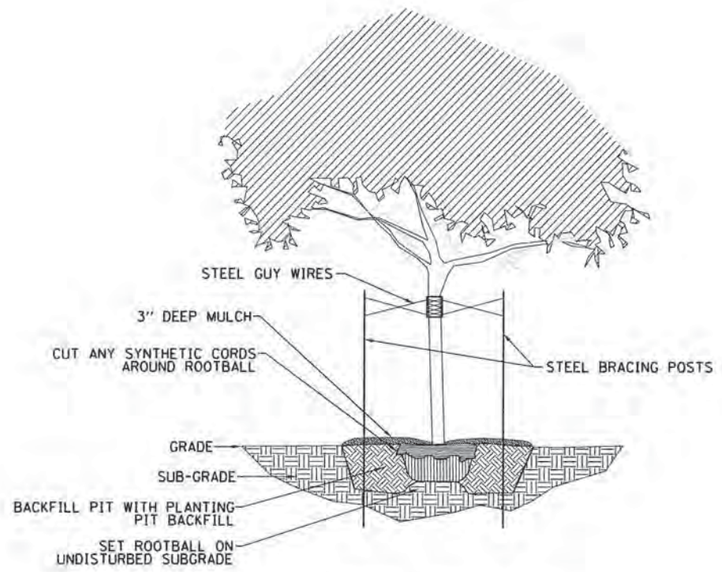
SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 200+00 TO STA. 209+88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	41
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



LEGEND

- SEEDING, CLASS 2A
  TOPSOIL EXCAVATE AND PLACE, 4"
  FERTILIZER NUTRIENTS
- SEEDING, CLASS 3
  EROSION CONTROL BLANKET
  TOPSOIL EXCAVATE AND PLACE, 4"
- SEEDING, CLASS 4B
  COMPOST FURNISH AND PLACE, 4"
  FERTILIZER NUTRIENTS
- SODDING, SALT TOLERANT
  TOPSOIL EXCAVATE AND PLACE, 4"
  FERTILIZER NUTRIENTS
  (TYP. 4' WIDE IN DITCH BOTTOMS)



TREE PLANTING DETAIL
NO SCALE

LANDSCAPING GENERAL NOTES:

1. ALL ALTERATIONS MUST BE APPROVED BY THE ENGINEER'S LANDSCAPE ARCHITECT.
2. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE ENGINEER HAS THE RIGHT TO REFUSE POOR MATERIAL OR WORKMANSHIP.
5. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
6. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACKFILLED WITH AMENDED SOIL IN A HOLE ONE AND ONE HALF THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED AND HAVE ALL TAGS AND ROPES REMOVED FROM TOP ROOTBALL.
7. TREES SHALL BE STAKED AND GUYED AND WATERING SAUCER AT BASE.
8. ALL MASS PLANTED SHRUB BEDS TO BE BERMED 2" TO 3" ABOVE GRADE AND MEET DRAINAGE REQUIREMENTS.
9. LAWN AND BED AREAS SHALL BE ROTOTILLED AND CLUMPS OF SOIL, AGGREGATES AND DEBRIS RAKED OUT AND REMOVED FROM THE SITE.
10. ALL AREAS DISTURBED BY TREE PLANTING OPERATIONS SHALL HAVE A MIN. OF 6" OF TOPSOIL PLACED AND THEN SEED, FERT. AND BLANKET INSTALLED.
11. ALL BEDS SHALL BE EDGED, HAVE WEED PRE-EMERGENTS APPLIED AT THE RECOMMENDED RATE, AND SHREDDED HARDWOOD MULCH SPREAD AT A MINIMUM OF 3" DEPTH.
12. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
13. ALL EXISTING TREES OF HIGH QUALITY LOCATED OUTSIDE OF THE CONSTRUCTION ZONE SHALL BE SAVED.

PLAN / PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., DATE, BY, STRUCTURE NOTATIONS CHKD

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9575 W. HIGGINS ROAD, SUITE 600
Rosemont, Illinois 60018
(847) 823-0500

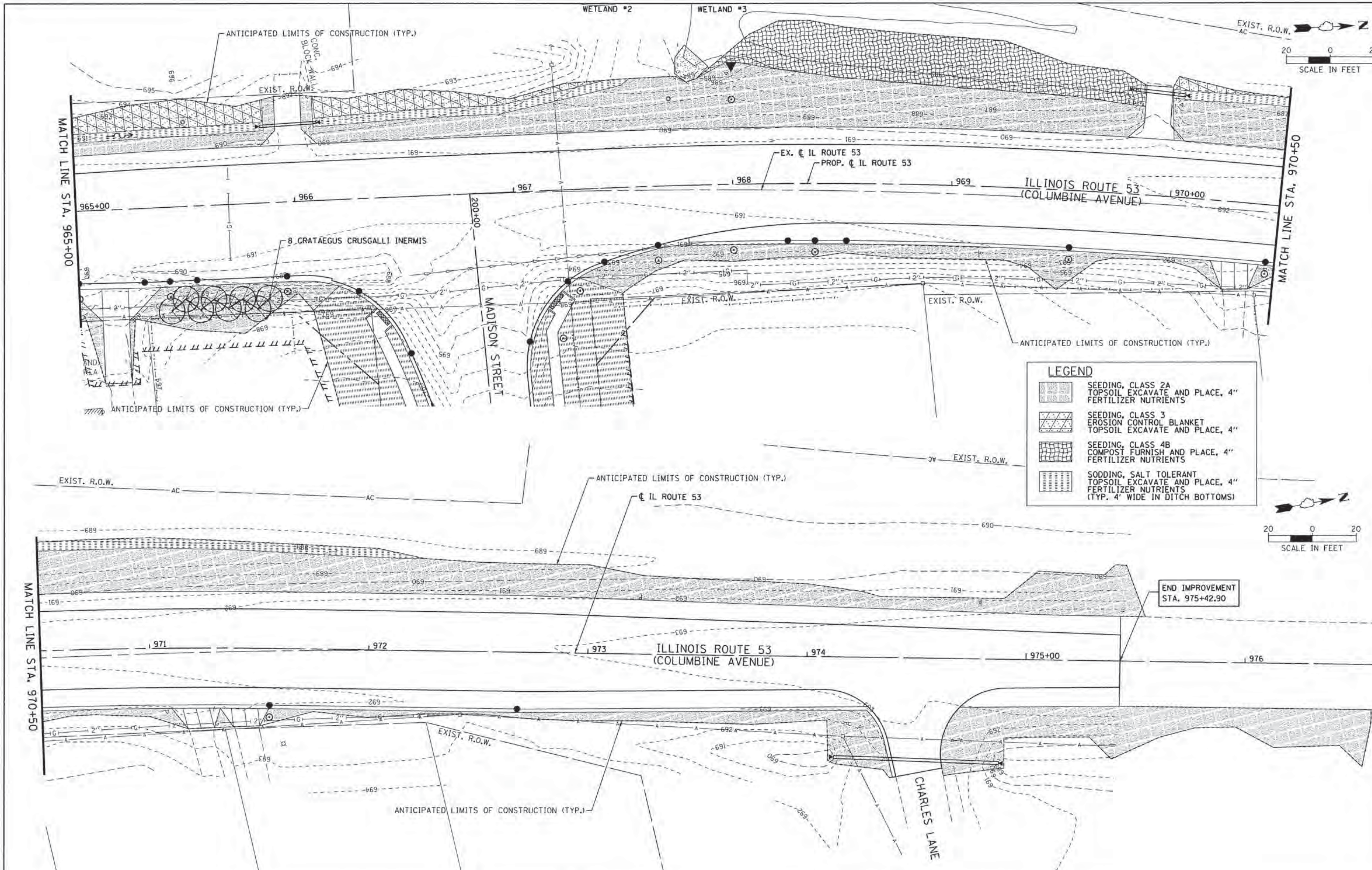
FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D1611454-sht-landscap-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 20'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
LANDSCAPING PLAN
STA. 962+33.51 TO STA. 965+00

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 962+33.51 TO STA. 965+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	42
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-landscap-02.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
Default	PLOT SCALE = 20'	DRAWN - PMM	REVISED -	
	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -	
		DATE -	REVISED -	

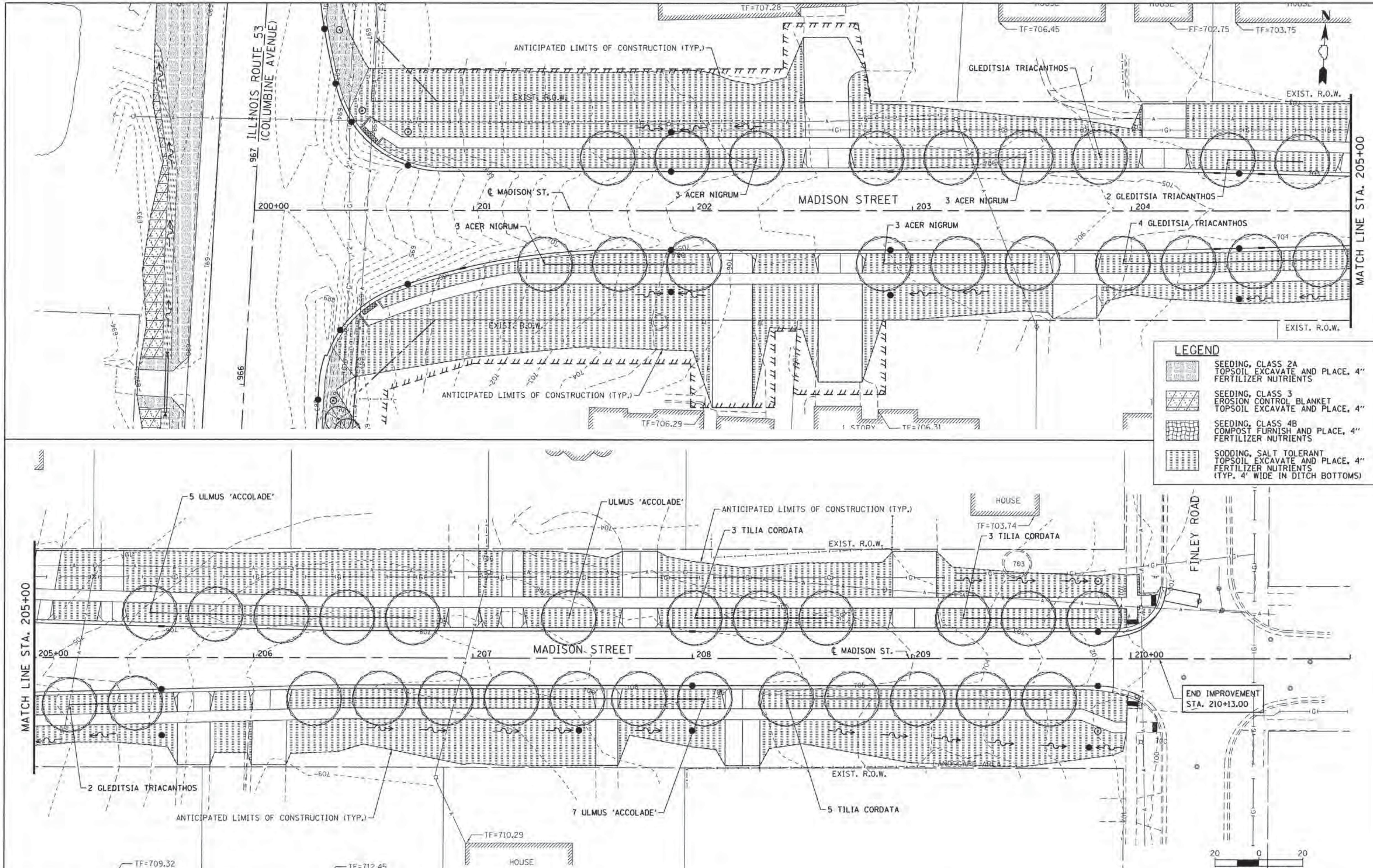
ILLINOIS ROUTE 53
LANDSCAPING PLAN
STA. 965+00 TO STA. 975+42.90

SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 965+00 TO STA. 975+42.90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	43

CONTRACT NO. 61A54

ILLINOIS FED. AID PROJECT



ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)
TF=707.28
TF=706.45
FF=702.75
TF=703.75
HOUSE
N
ILLINOIS ROUTE 53
(COLUMBINE AVENUE)
EXIST. R.O.W.
GLEDITSIA TRIACANTHOS
℄ MADISON ST.
3 ACER NIGRUM
MADISON STREET
3 ACER NIGRUM
2 GLEDITSIA TRIACANTHOS
200+00
201
202
203
204
3 ACER NIGRUM
3 ACER NIGRUM
4 GLEDITSIA TRIACANTHOS
MATCH LINE STA. 205+00
TF=706.29
1 STORY
TF=706.31
LEGEND
SEEDING, CLASS 2A
TOPSOIL EXCAVATE AND PLACE, 4"
FERTILIZER NUTRIENTS
SEEDING, CLASS 3
EROSION CONTROL BLANKET
TOPSOIL EXCAVATE AND PLACE, 4"
SEEDING, CLASS 4B
COMPOST FURNISH AND PLACE, 4"
FERTILIZER NUTRIENTS
SODDING, SALT TOLERANT
TOPSOIL EXCAVATE AND PLACE, 4"
FERTILIZER NUTRIENTS
(TYP. 4' WIDE IN DITCH BOTTOMS)
5 ULMUS 'ACCOLADE'
ULMUS 'ACCOLADE'
ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)
3 TILIA CORDATA
HOUSE
TF=703.74
3 TILIA CORDATA
FINLEY ROAD
MATCH LINE STA. 205+00
205+00
206
207
MADISON STREET
208
℄ MADISON ST.
209
210+00
END IMPROVEMENT
STA. 210+13.00
LANDSCAPE AREA
EXIST. R.O.W.
2 GLEDITSIA TRIACANTHOS
ANTICIPATED LIMITS OF CONSTRUCTION (TYP.)
7 ULMUS 'ACCOLADE'
5 TILIA CORDATA
TF=710.29
HOUSE
TF=709.32
TF=712.45
20 0 20
SCALE IN FEET

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FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D161454-sht-landscap-03.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
	PLOT SCALE = 20'	DRAWN - PMM	REVISED -
Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON ST
LANDSCAPING PLAN
STA. 200+00 TO STA. 210+13

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 200+00 TO STA. 210+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	44
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

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

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

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

RAILROAD SYMBOLS

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

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TS SHT NO. 1

FILE NAME = c:\pw_work\pwidot\footemj\d0188315\ts05.dgn	USER NAME = footemj	DESIGNED - DAG/BCK	REVISED - DAG 1-1-14
		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	45
	TS-05	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOOP DETECTOR NOTES

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

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

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

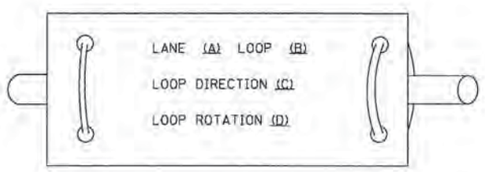
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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

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

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

LOOP LEAD-IN CABLE TAG

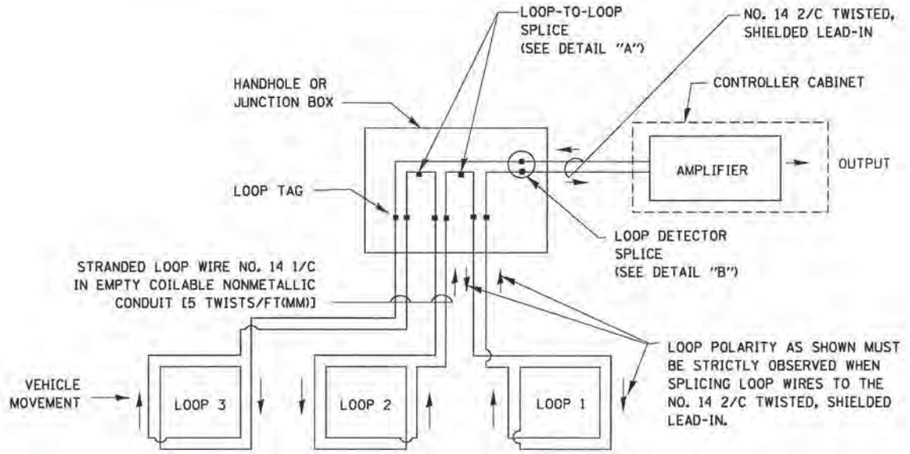


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

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

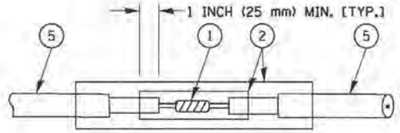
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

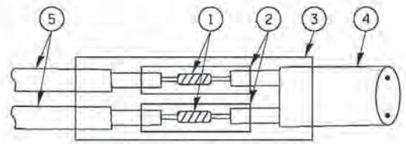


DETECTOR LOOP WIRING SCHEMATIC

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

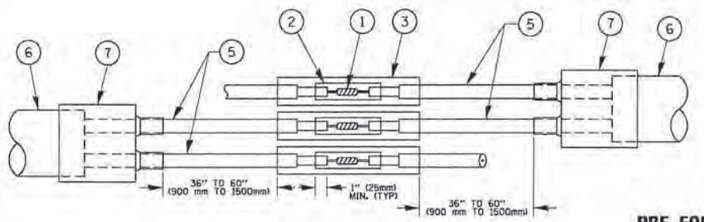


DETAIL "A"
LOOP-TO-LOOP SPLICE



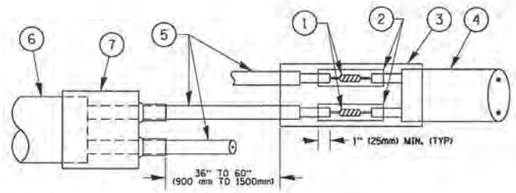
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

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

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

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

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

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

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

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TS SHT NO. 2

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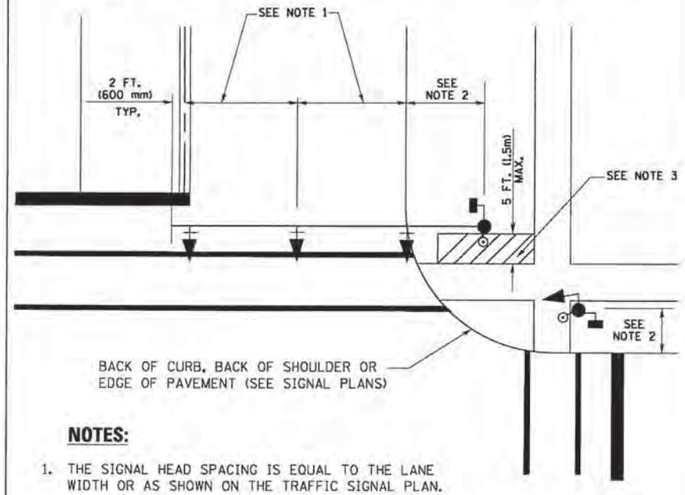
	PLOT SCALE = 50.0000 ' / in.	DRAWN - BCK	REVISED -		SCALE: NONE | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -		
		DATE - 10-28-09	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	46
	TS-05	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

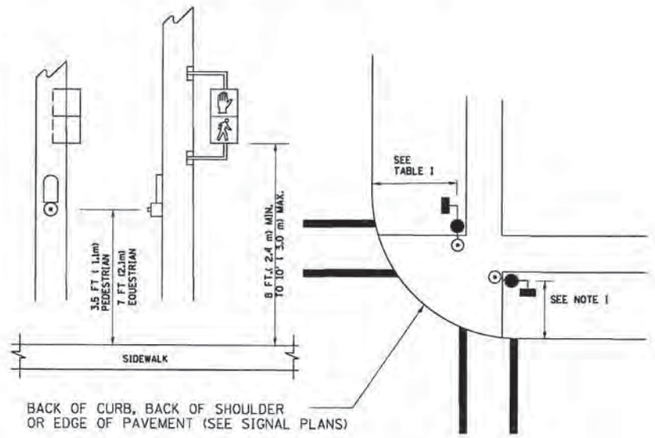
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

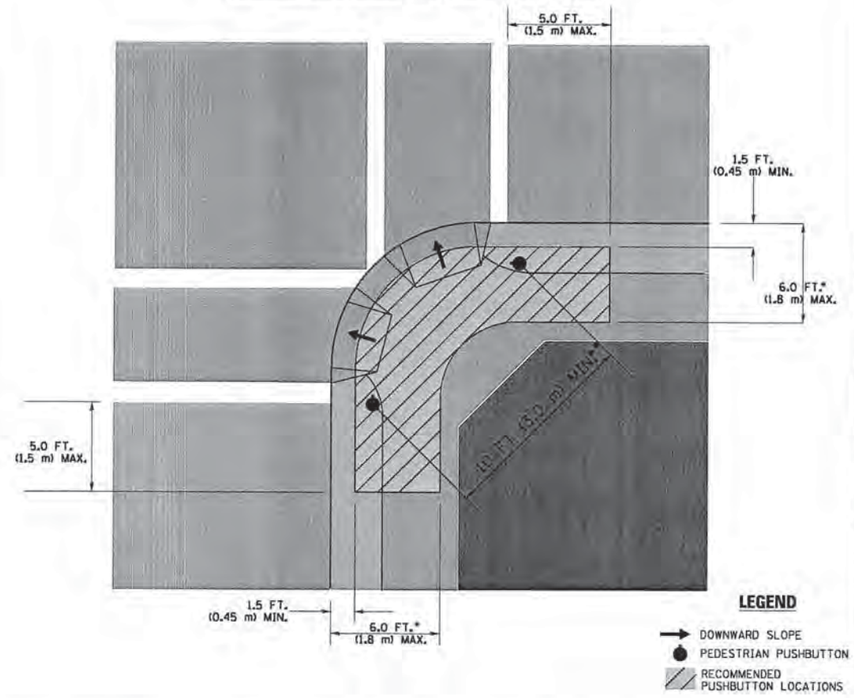
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



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

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

NOTES:

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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

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

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 W. HIGGINS ROAD, SUITE 600
ROSEMONT, ILLINOIS 60018
(847) 823-0500

TS SHT NO. 3

FILE NAME = c:\pw_work\pwidot\footemj\d0128315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
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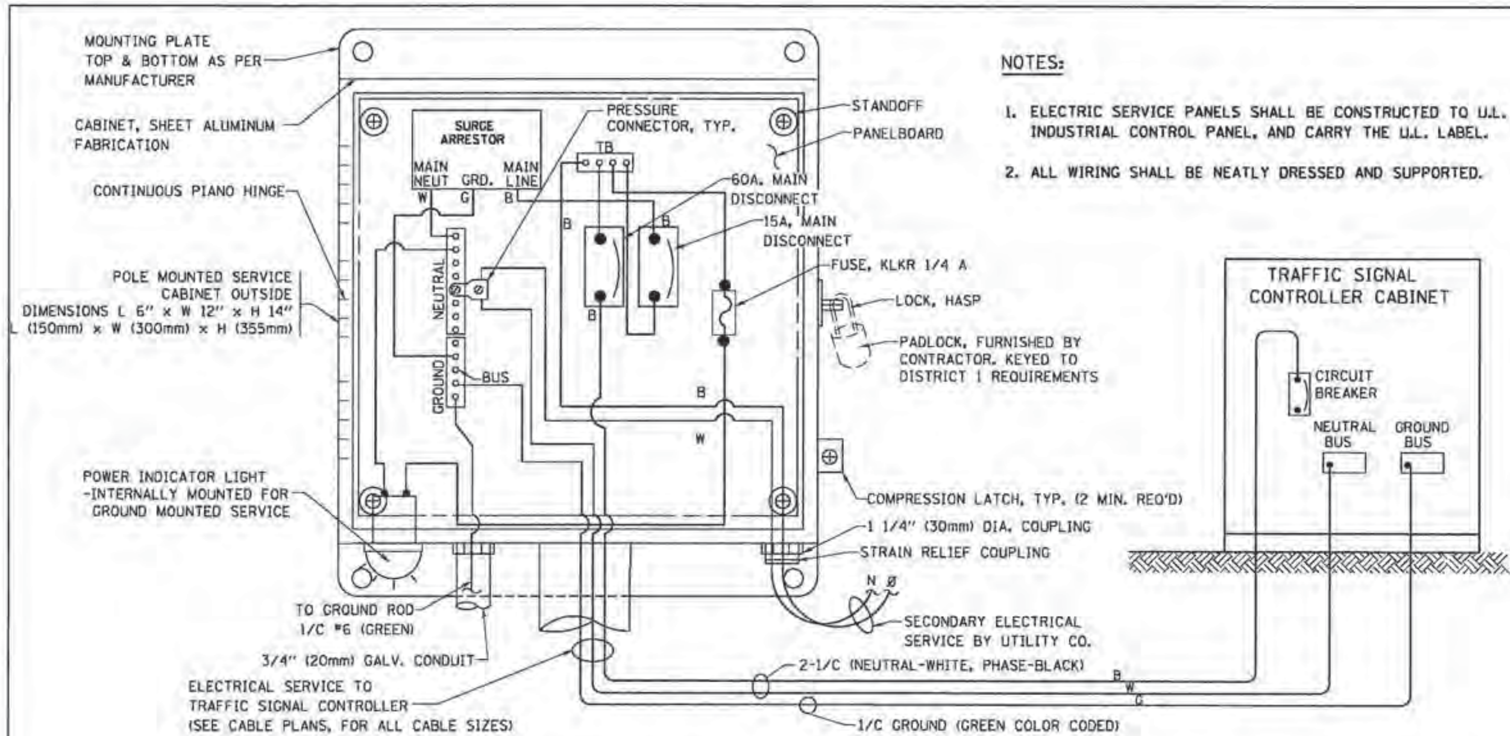
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

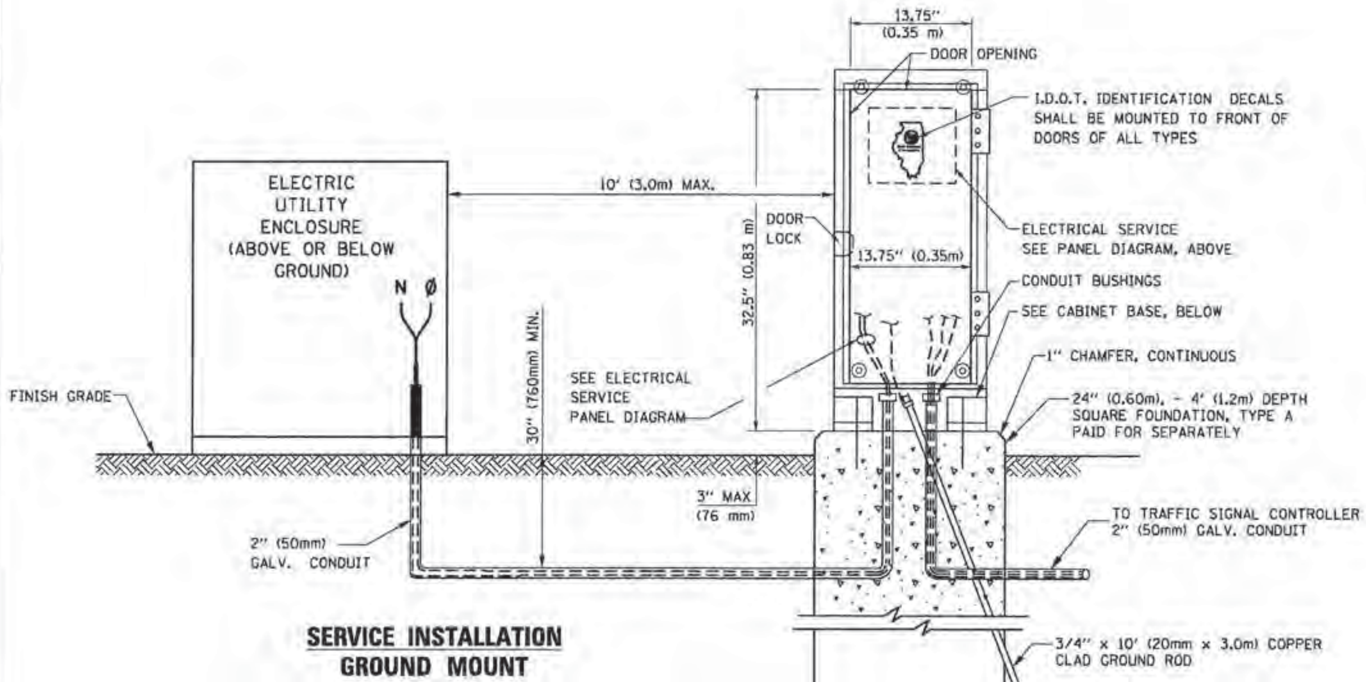
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	47
	TS-05	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



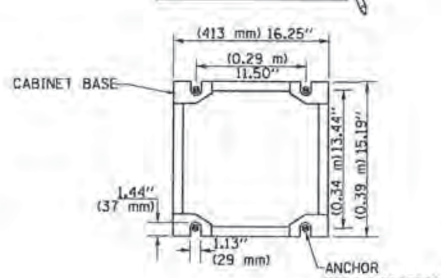
NOTES:

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

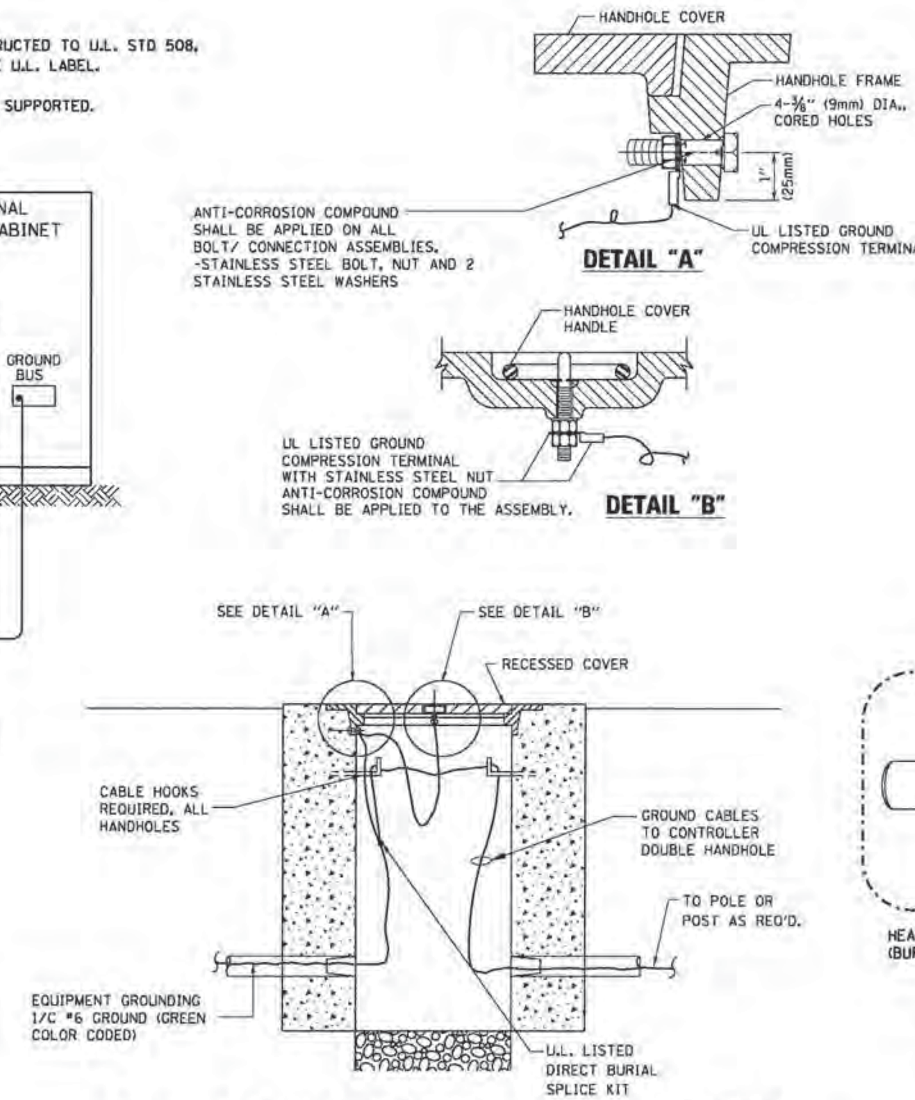
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)



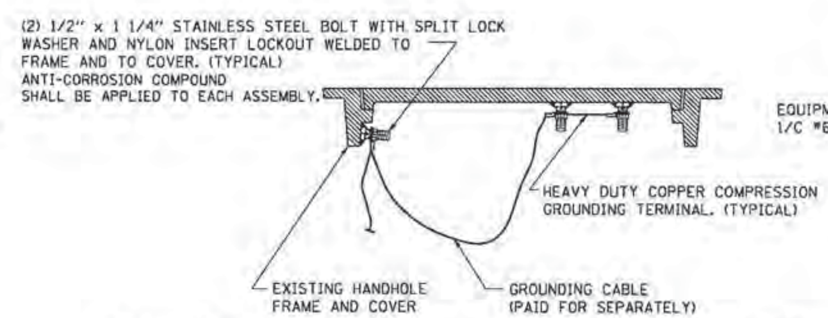
SERVICE INSTALLATION GROUND MOUNT
(NOT TO SCALE)



CABINET - BASE BOLT PATTERN
(NOT TO SCALE)



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

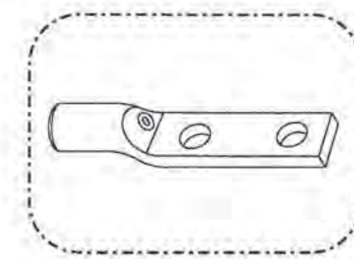


EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
(NOT TO SCALE)

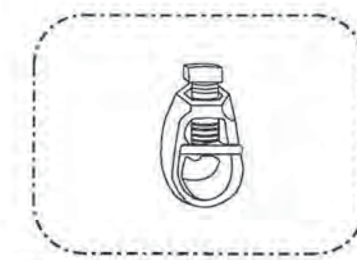
NOTES:

GROUNDING SYSTEM

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



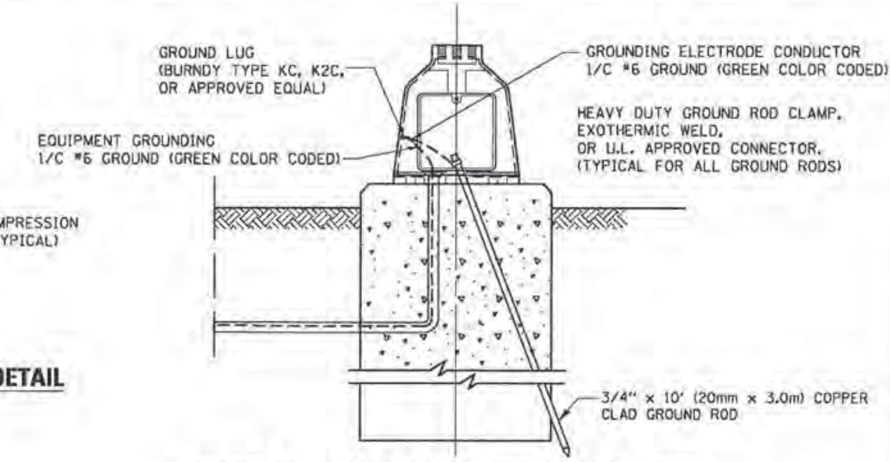
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

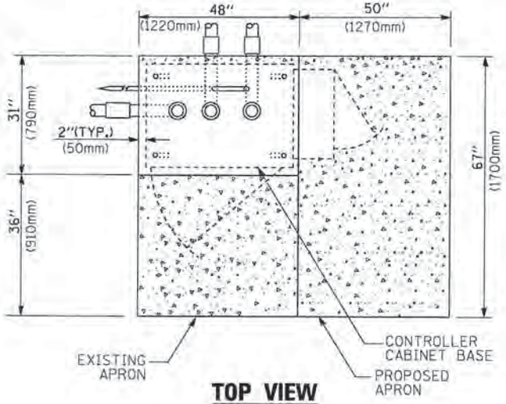
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



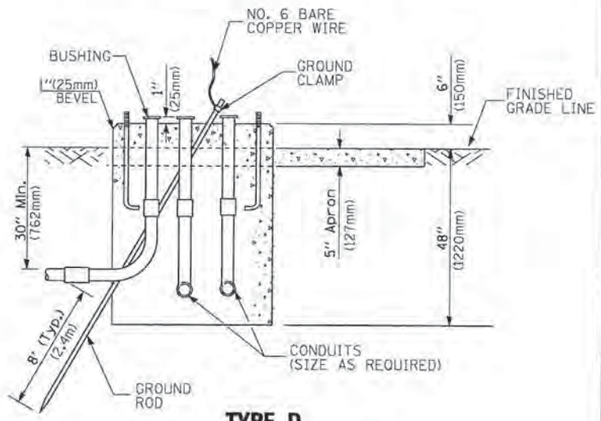
MAST ARM POLE / POST-GROUNDING DETAIL
(NOT TO SCALE)

TS SHT NO. 4

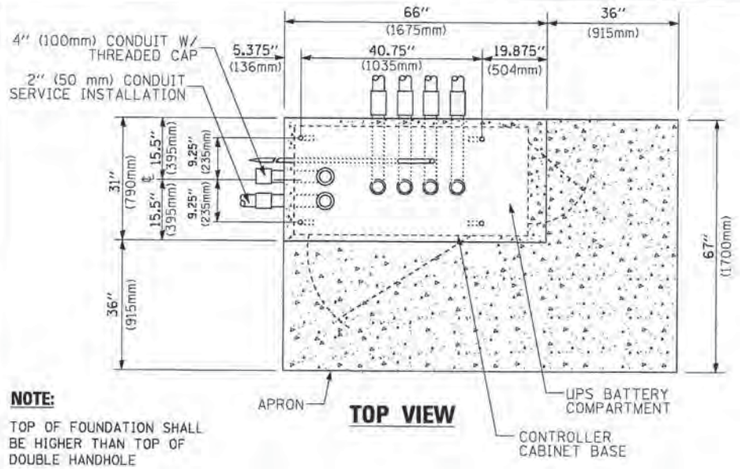
FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE. 0870	SECTION 11-00155-00-CH	COUNTY DUPAGE	TOTAL SHEETS 90	SHEET NO. 48
c:\pw_work\pwidot\footemj\d0108315\ts05.dgn	PLOT SCALE = 50.0000 ' / in.	DRAWN - BCK	REVISED -				TS-05	CONTRACT NO. 61A54		
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -		SCALE: NONE / SHEET NO. 4 OF 7 SHEETS / STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
		DATE - 10-28-09	REVISED -							



TOP VIEW



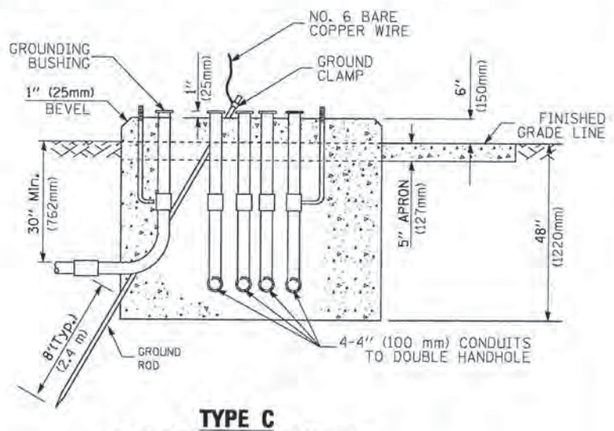
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



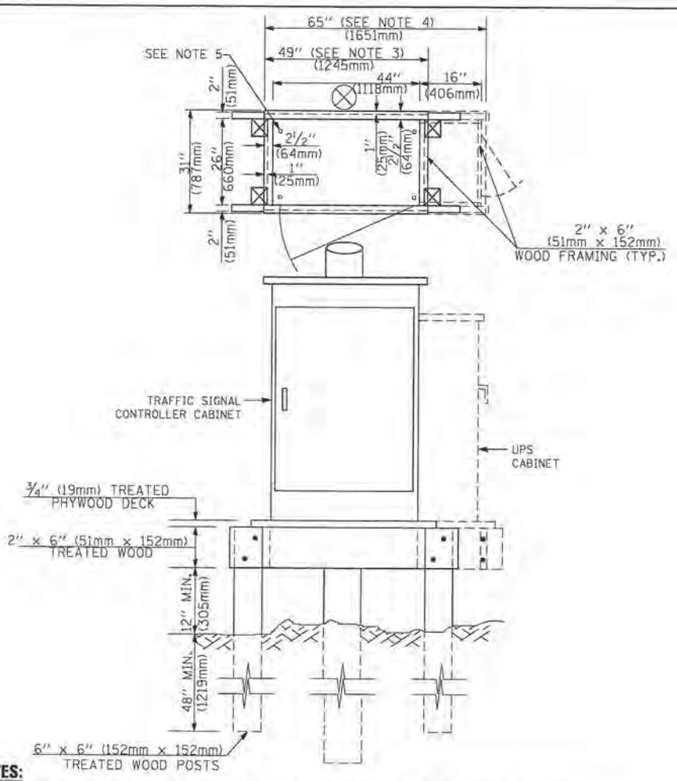
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



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



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

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

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

CHRISTOPHER B. BURKE ENGINEERING LTD.
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Rosemont, Illinois 60018
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TS SHT NO. 5

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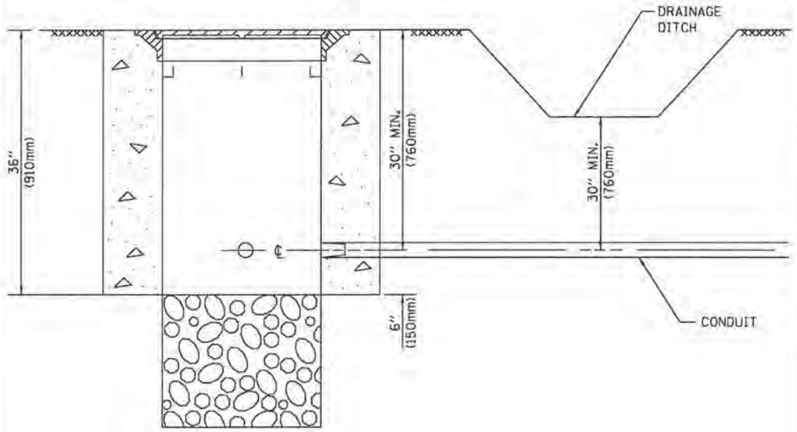
	PLOT SCALE = 50.0000 ' / in.	DRAWN - BCK	REVISED -
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	49
	TS-05	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

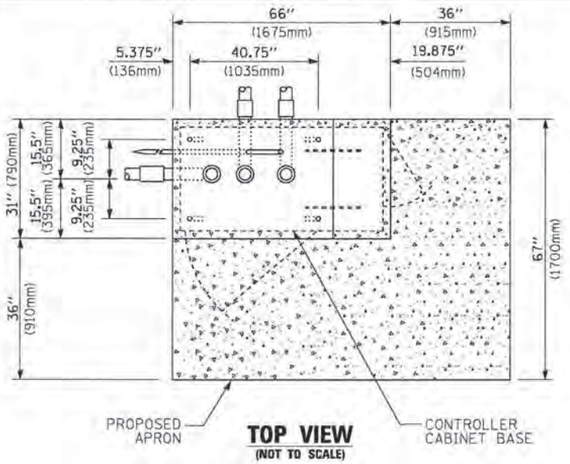


NOTES:

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

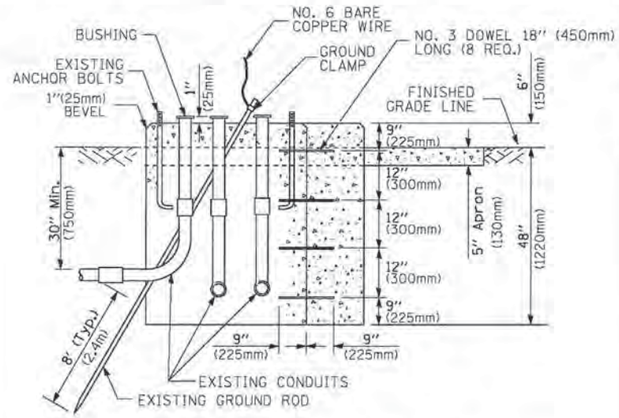
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



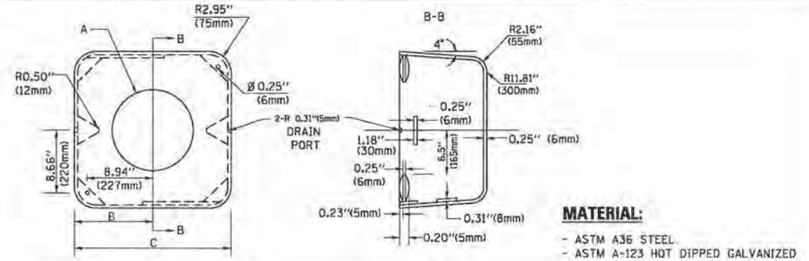
TOP VIEW

(NOT TO SCALE)



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

(NOT TO SCALE)



MATERIAL:

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

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

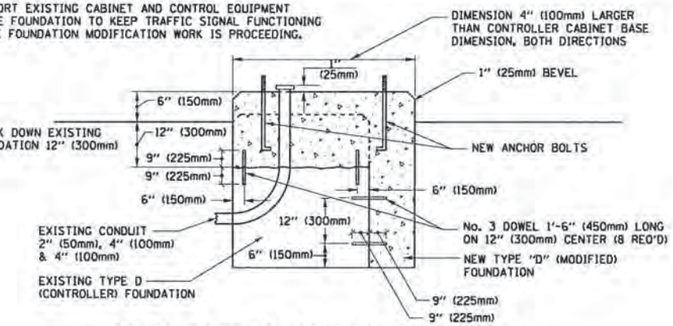
SHROUD

NOTES:

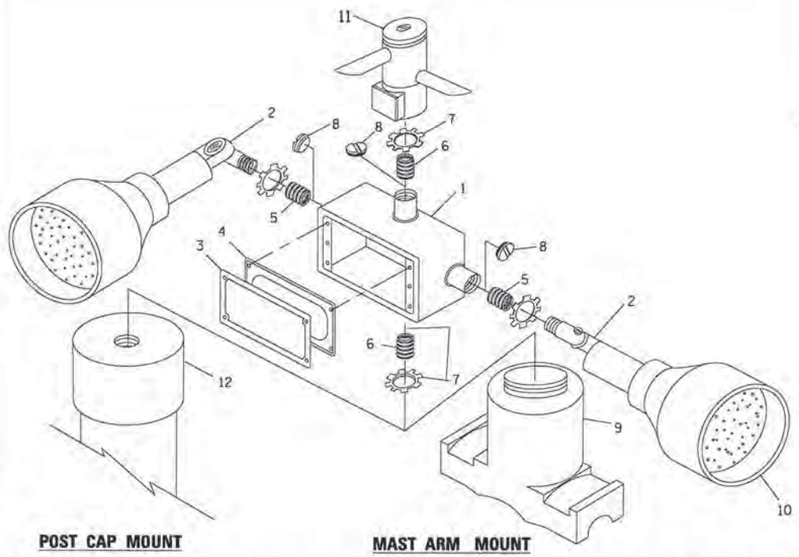
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



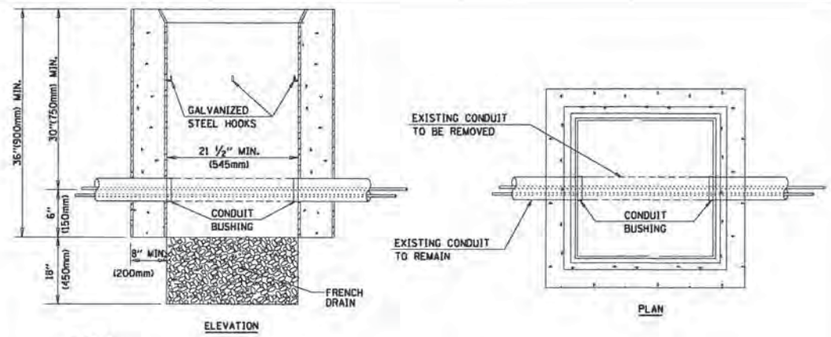
POST CAP MOUNT **MAST ARM MOUNT**

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

NOTES:

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

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

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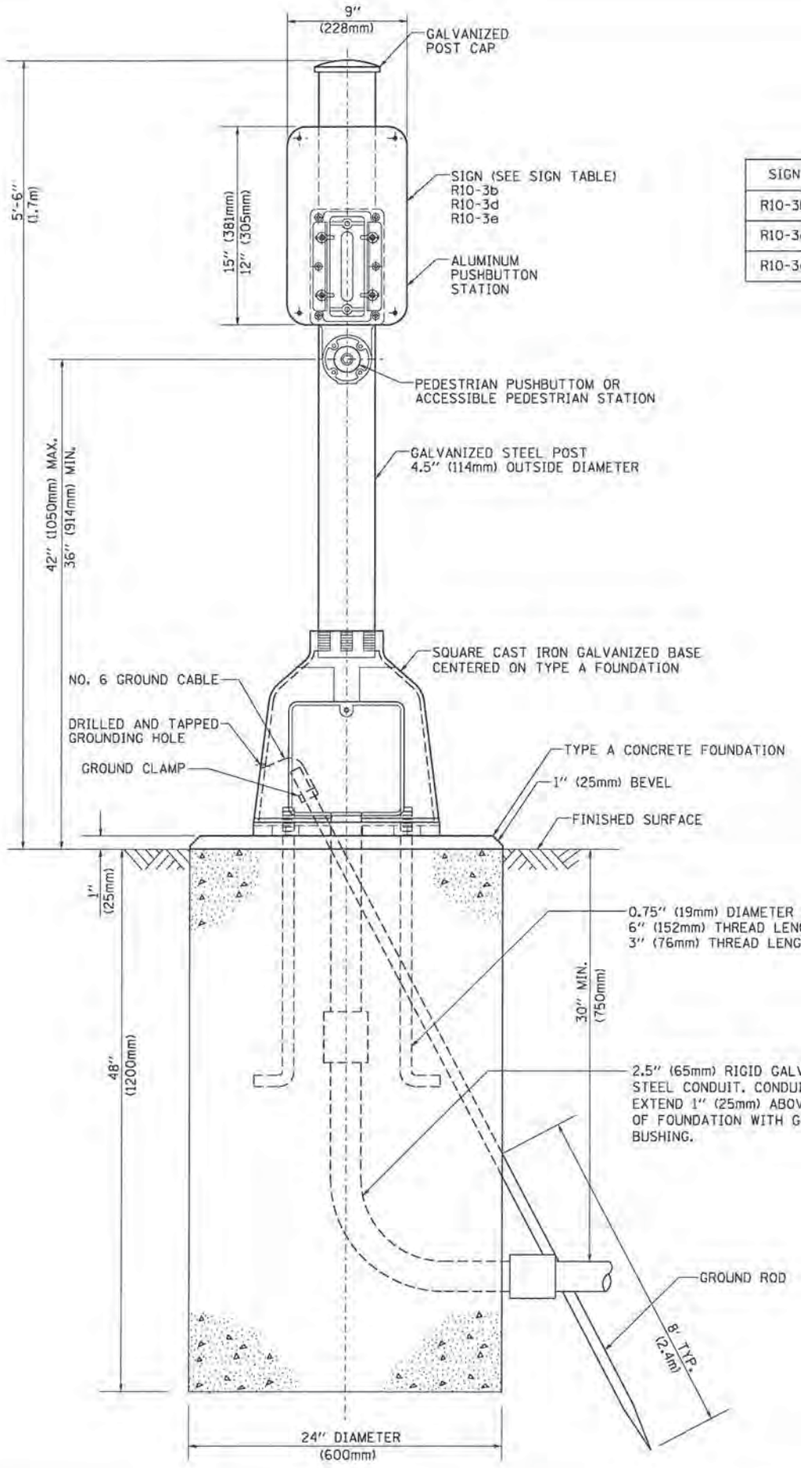
		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000 '/ in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

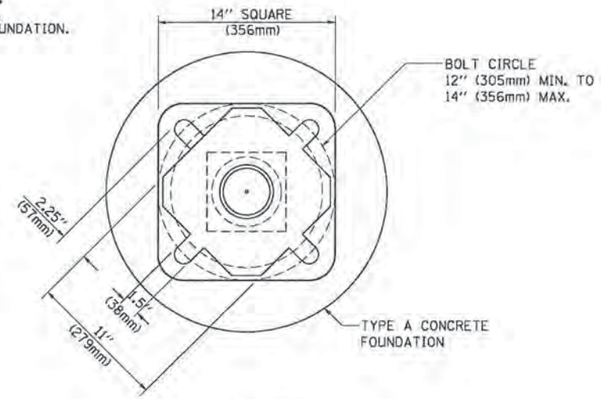
SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	50
	TS-05	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SIGN TABLE

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



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

TS SHT NO. 7

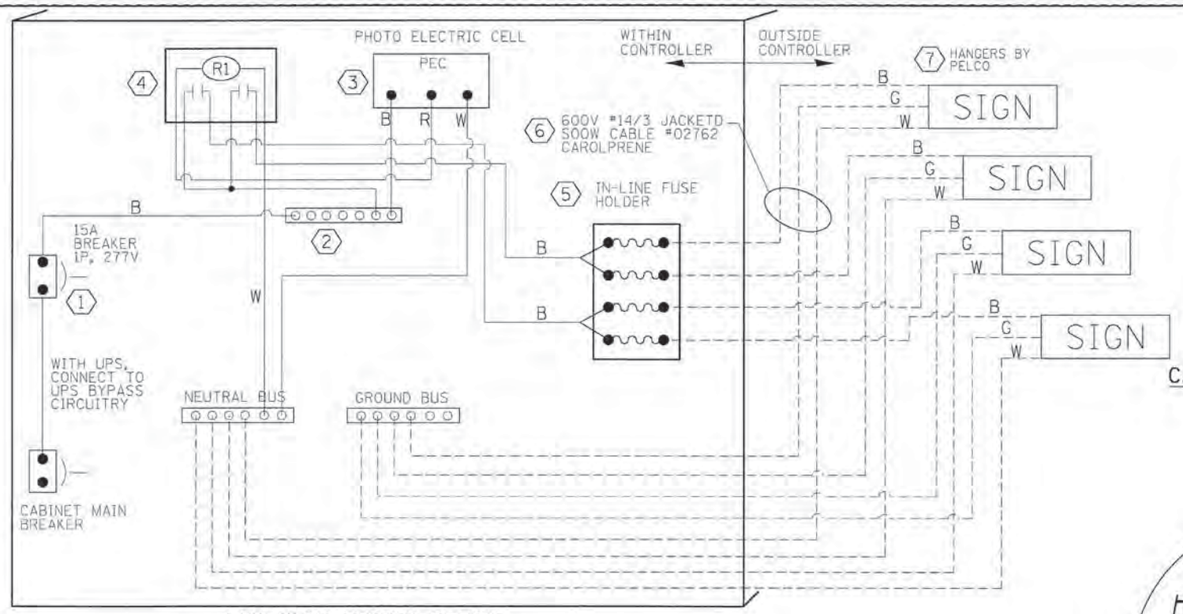
FILE NAME = c:\pw_work\pwidot\footamj\d0188315\ts05.dgn	USER NAME = footamj	DESIGNED - DAG	REVISED - DAG 1-1-14
		DRAWN - GND	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10/1/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

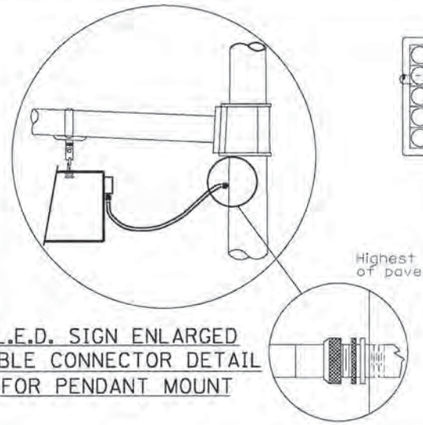
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	51
	TS-05	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

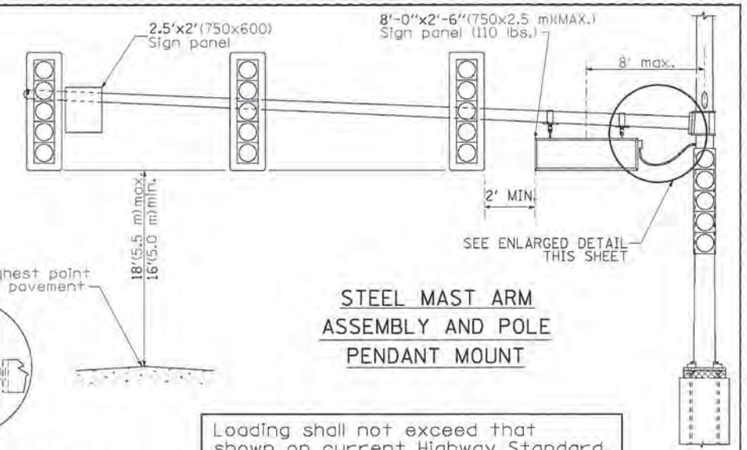


LED SIGN WIRING DETAIL



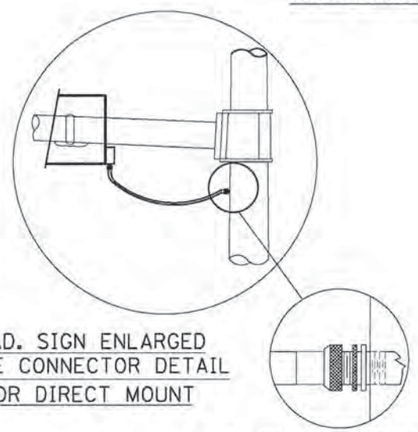
L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL FOR PENDANT MOUNT

L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL



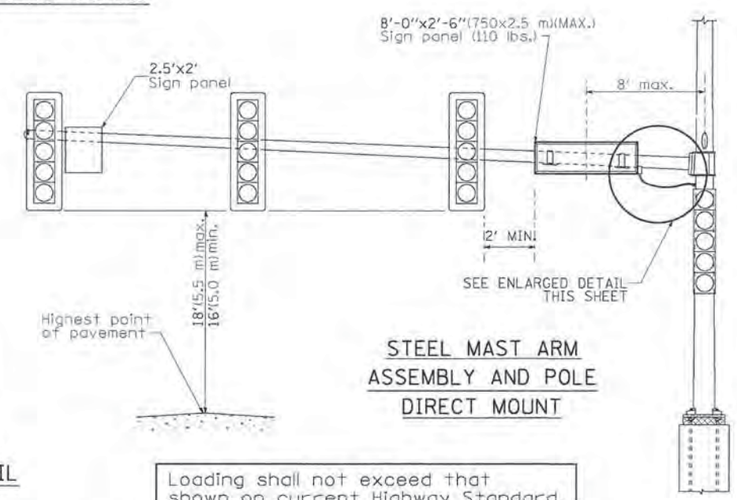
STEEL MAST ARM ASSEMBLY AND POLE PENDANT MOUNT

Loading shall not exceed that shown on current Highway Standard.



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL FOR DIRECT MOUNT

L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

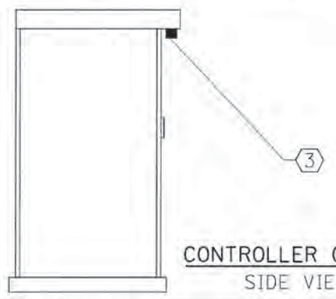


STEEL MAST ARM ASSEMBLY AND POLE DIRECT MOUNT

Loading shall not exceed that shown on current Highway Standard.

BILL OF MATERIALS

DESCRIPTION	MANUFACTURER	MODEL	NOTES
(1) CIRCUIT BREAKER		15 AMPERE	Molded case, Thermal Mag, min. R.I. of 14K R.M.S. symmetrical ampere at 277V.
(2) TERMINAL BLOCK	MARATHON	1502 DJSV	
(3) PHOTO ELECTRIC CONTROL	FISHER PIERCE	B124-1.5-07762	
(4) CONTROL RELAY	SQUARE D	8501X020V02	BOLT ON W/SCREW TERMINAL
(5) INLINE FUSE HOLDER WITH 5 AMP FUSE	BUSSMAN	S-8000 BK/S-8-3-4-R	
(6) ELECTRIC CABLE, NO. 14, 3/C (BLACK, WHITE, GREEN)	CAROLPRENE/SOOW	02762	
(7) SIGN MOUNTING HARDWARE	PELCO	Pendant (SE-5015) Direct mount (AB-0104-L-SP) Additional sign stiffeners may be required for direct mounted signs.	S.S. HARDWARE



CONTROLLER CABINET
SIDE VIEW

LED ILLUMINATED SIGN PANEL
8'0 x 2'6" (750 mm x 2.5 mm)(MAX)
C or D FONT

NOTES:

1. SIGNS SHALL BE SIGNLE SIDED FOR DIRECT MOUNT AND DOUBLE SIDED FOR PENDANT MOUNT.
2. CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
3. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
4. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
   R = RED BL = BLUE W = WHITE
   B = BLACK Y = YELLOW G = GREEN
5. ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #14AWG STRANDED UNLESS OTHERWISE INDICATED.
6. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

TS SHT NO. 8

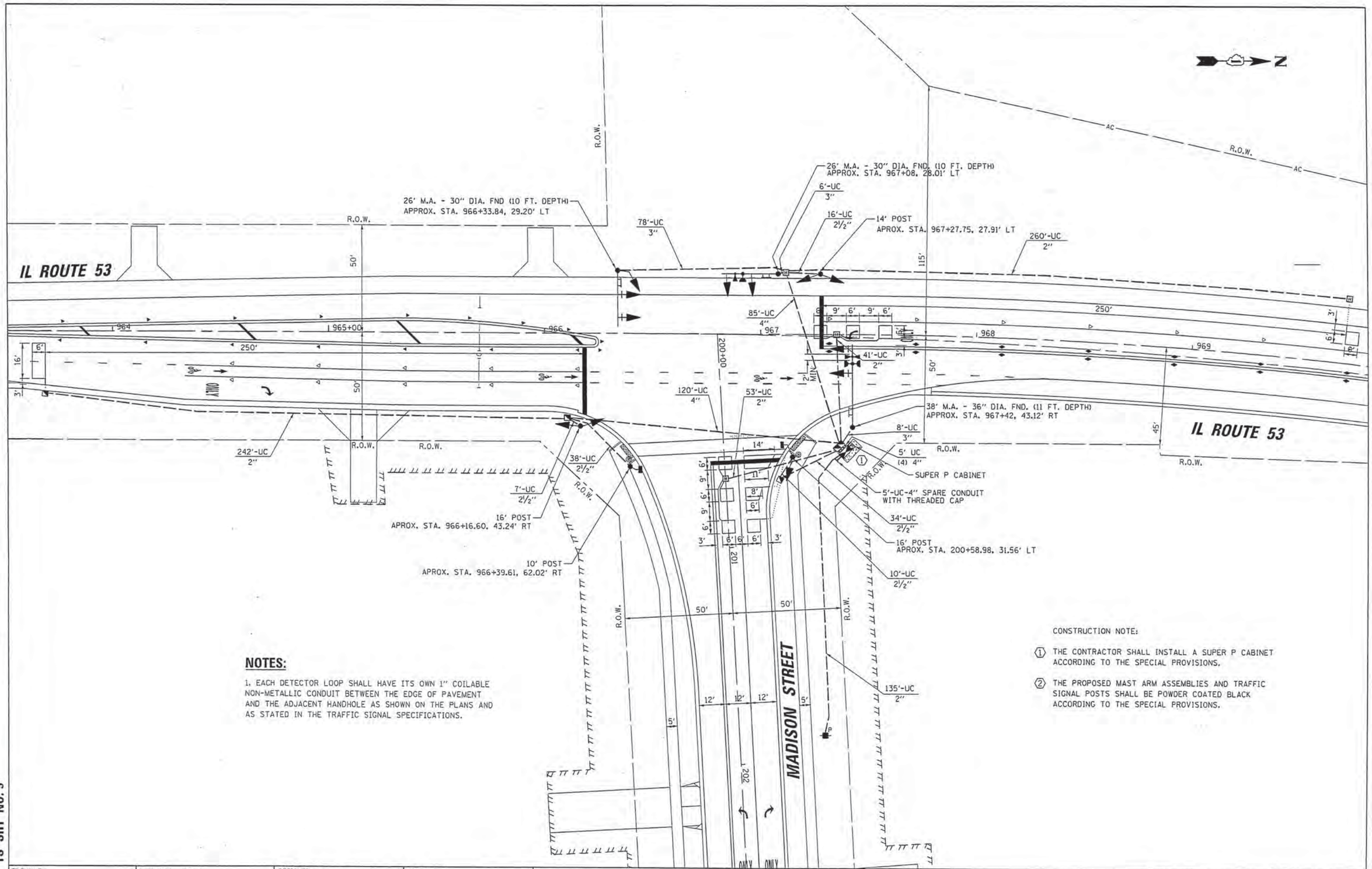
FILE NAME =	USER NAME = kanthaphixaybo	DESIGNED - BCK	REVISED -
c:\pe_work\pwidot\kanthaphixaybo\d0112615\traffic_legend_v8.dgn		DRAWN - BCK	REVISED -
	PLOT SCALE = 19.4688 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
ILLUMINATED STREET NAME SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	52
		CONTRACT NO. 61A54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

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

CONSTRUCTION NOTE:

(1) THE CONTRACTOR SHALL INSTALL A SUPER P CABINET ACCORDING TO THE SPECIAL PROVISIONS.

(2) THE PROPOSED MAST ARM ASSEMBLIES AND TRAFFIC SIGNAL POSTS SHALL BE POWDER COATED BLACK ACCORDING TO THE SPECIAL PROVISIONS.

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / ALL DIM. CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / NOTE BOOK / NO. / STRUCTURE NO(S).& CHKD / BY / DATE

CHRISTOPHER B. BURKE ENGINEERING LTD. 9575 W. Higgins Rd. Suite 600 Rosemont, Illinois 60018 (847) 823-0500

TS SHT NO. 9

FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D16A54-sht-ts-01.dgn	USER NAME = fberiso	DESIGNED - LJ	REVISED -
		DRAWN - FCP	REVISED -
	PLOT SCALE = 20'	CHECKED - GMZ	REVISED -
Default	PLOT DATE = 4/26/2016	DATE -	REVISED -

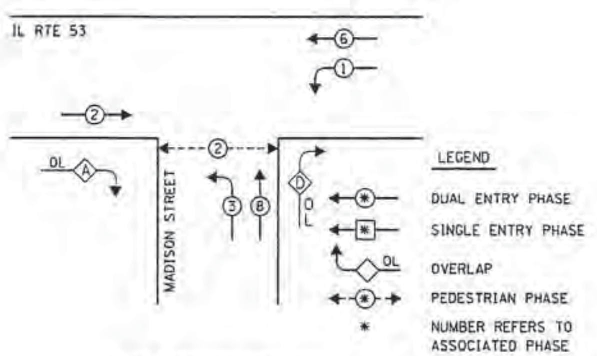
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL ROUTE 53 AND MADISON STREET

NOT TO SCALE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	53
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE

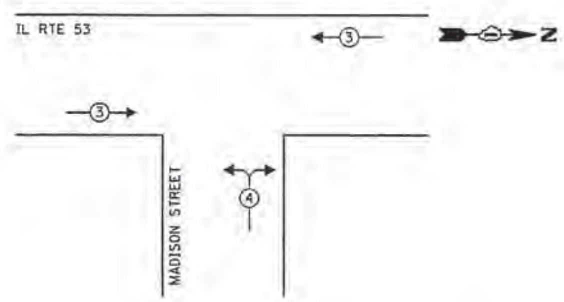


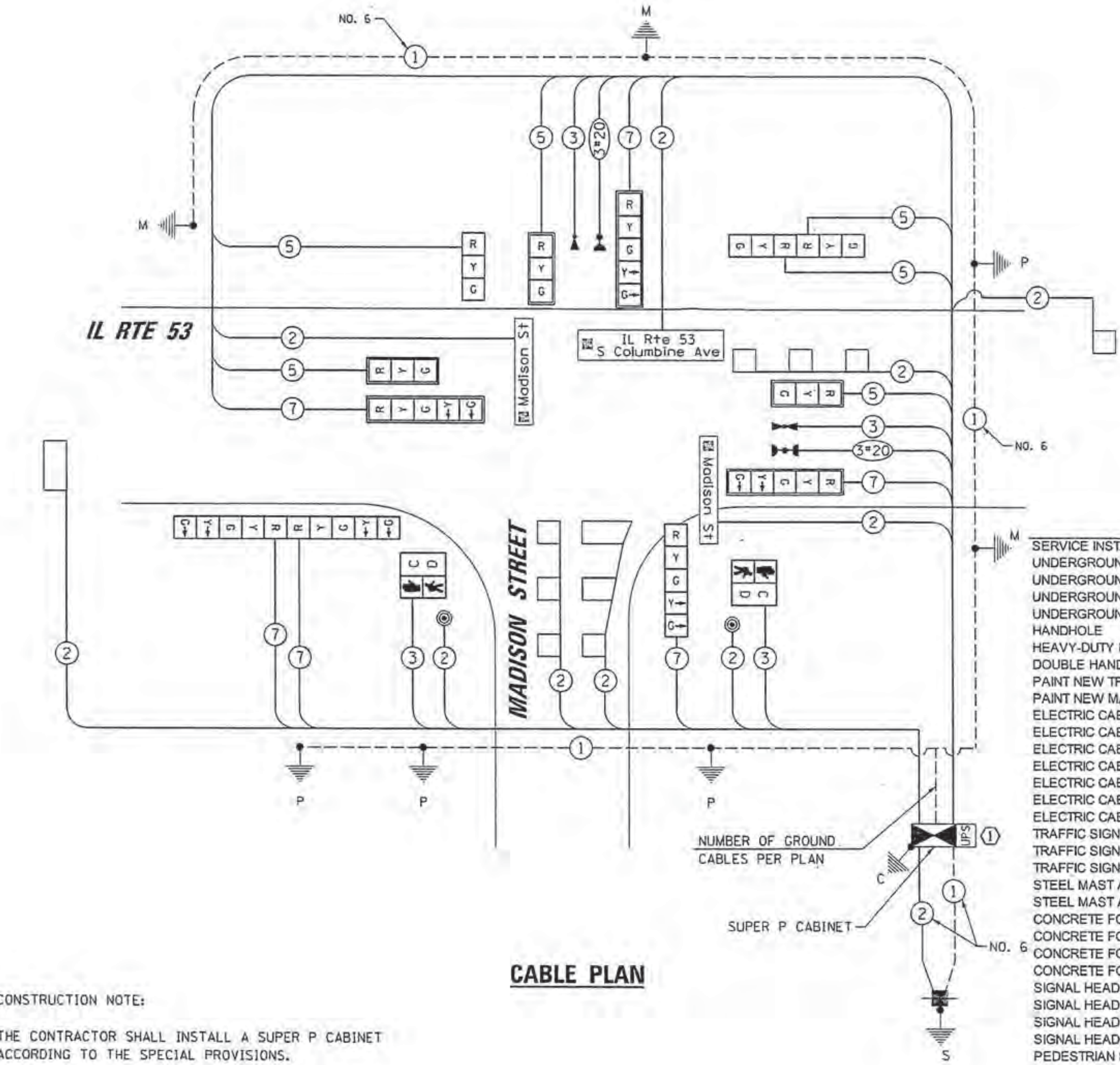
PHASE DESIGNATION DIAGRAM

A = 2 + 3

D = 8 + 1

EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN

CONSTRUCTION NOTE:

(1) THE CONTRACTOR SHALL INSTALL A SUPER P CABINET ACCORDING TO THE SPECIAL PROVISIONS.

(2) THE PROPOSED MAST ARM ASSEMBLIES AND TRAFFIC SIGNAL POSTS SHALL BE POWDER COATED BLACK ACCORDING TO THE SPECIAL PROVISIONS.

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	-	250	50	-
			TOTAL =	499.8

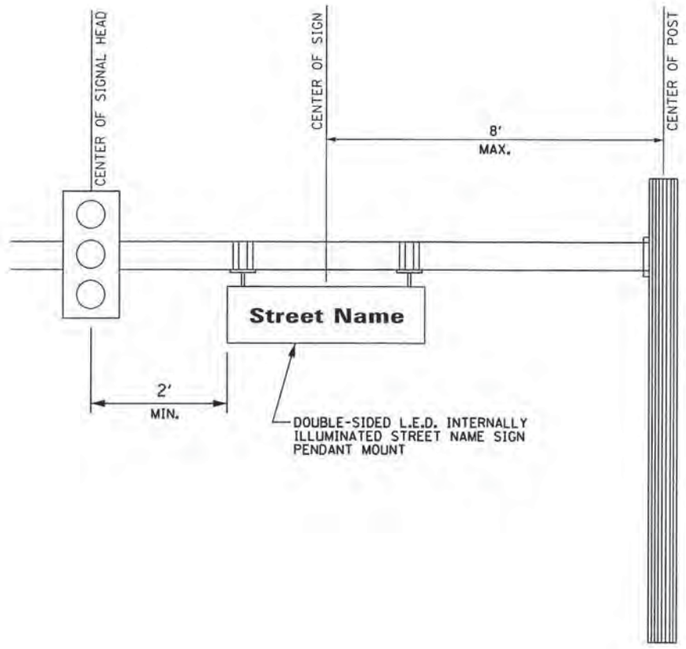
ENERGY COSTS TO:
VILLAGE OF LOMBARD
255 E. WILSON AVENUE
LOMBARD, ILLNOIS 60148

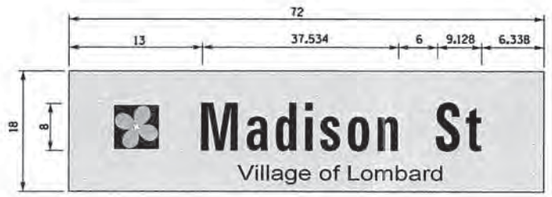
ENERGY SUPPLY: CONTACT: REGINA WHITE
PHONE: 630-691-4379
COMPANY: COMED
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

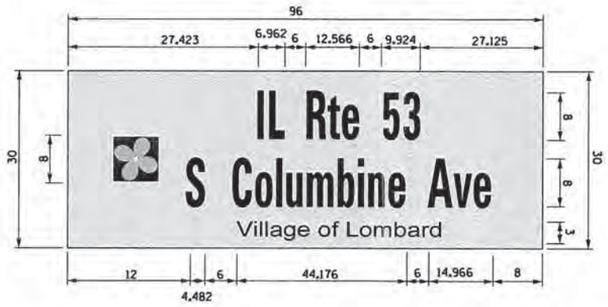
ITEM	UNIT	QUANTITY
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	731
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	105
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	92
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	230
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	1
PAINT NEW TRAFFIC SIGNAL POST	EACH	4
PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	3
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	730
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	547
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	991
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	906
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	994
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	170
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	637
TRAFFIC SIGNAL POST, 10 FT.	EACH	1
TRAFFIC SIGNAL POST, 14 FT.	EACH	1
TRAFFIC SIGNAL POST, 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	5
DETECTOR LOOP, TYPE I	FOOT	375
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	2
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	251
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

FILE NAME = N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-ts-02.dgn
Default
USER NAME = fbariso
PLOT SCALE = 20'
PLOT DATE = 4/26/2016
DESIGNED - LJ
DRAWN - FCP
CHECKED - GMZ
DATE -
REVISED -
REVISED -
REVISED -
REVISED -
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 53 MADISON STREET
NOT TO SCALE | SHEET 2 OF 2 SHEETS | STA. TO STA.
F.A.P. RTE. 0870 | SECTION 11-00155-00-CH | COUNTY DUPAGE | TOTAL SHEETS 90 | SHEET NO. 54
CONTRACT NO. 61A54
ILLINOIS FED. AID PROJECT
CHRISTOPHER B. BURKE ENGINEERING LTD.





FHWA D 2000 SERIES FONT



FHWA C 2000 SERIES FONT

3M DIAMOND GRADE CUBED
REFLECTIVE SHEETING

ILLUMINATED SIGNS

SIGN DIMENSION	SIGN NAME	QUANTITY
6'-0"	Madison St	2
8'-0"	IL Rte 53 S Columbine Ave	1

1. THIS SHEET FOR INFORMATION ONLY.
   TO BE USED WITH INTERNALLY ILLUNMINATED STREET NAME SIGNS MANUFACTURED ACCORDING TO THE IDOT PROJECT SPECIAL PROVISION: LED INTERNALLY ILLUMINATED STREET NAME SIGN.
2. THE CONTRACTOR SHALL CONTACT VILLAGE ENGINEER FOR THE HIGH RESOLUTION IMAGE FILE OF THE VILLAGE'S LOGO.
3. THE LED SIGN FRAME SHALL BE POWDER-COATED BLACK.

PLAN: SURVEYED / PLOTTED / QUANTITIES CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / QUANTITIES CHECKED / BEM, NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 W. Higgins Road, Suite 606
Rosemont, Illinois 60018
(847) 823-0500

TS SHT NO. 11

FILE NAME = N:\Lombard\118152.00002\CADD.Sheets\D1614-sht-stn.dgn	USER NAME = vroach	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 3/21/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LED INTERNALLY ILLUMINATED STREET NAME SIGN

SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00155-00-CH	DUPAGE	90	55
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-1 — Station: 87+78 — Offset: — Ground Surface El.: 706.50+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
706.5	0.0			
		5		
	2.0	7	4.50 P	17.6
		7		
	4.0	5		
		10	2.48 D/S	19.4 19.4
	6.0	9		
		5		
	8.0	8	3.50 P	21.9
		8		
	10.0			
	12.0			
	14.0			
	16.0			
	17.0			

10" BITUMINOUS CONCRETE PAVEMENT
CLAY, Brown and Gray, Trace Sand and Gravel, Hard to Very Stiff, Moist (A-6)
(OVM = 0 ppm)
(Dry Unit Weight = 106.1 pcf) (OVM = 0 ppm)
(OVM = 0 ppm)
(OVM = 0 ppm)
End of Boring @ 10.0 feet

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-2 — Station: 85+43 — Offset: — Ground Surface El.: 706.00+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
705.2	0.0			
		7	2.25 P	19.7
	2.0	8		
		6	2.46 D/S	24.9 26.9
702.5	3.0			
		5		
	4.0	7	4.00 P	22.9
		10		
	6.0			
		5		
	7.0	7	5.50 P	17.0
		17		
	9.0			
	10.0			
	12.0			
	13.0			
	14.0			
	15.0			
	16.0			
	17.0			

9.5" BITUMINOUS CONCRETE PAVEMENT
CLAY TOPSOIL, Black, Trace Sand and Gravel, Very Stiff, Moist (A-7-5)
(OVM = 0 ppm)
CLAY, Brown and Gray, Little Black, Little Sand, Trace Gravel, Very Stiff, Moist (A-7-6(22))
(Organic Content = 3.66%) (Combined Analysis Test) (Atterberg Limits Test LL=46, PL=21) (Standard Proctor) (BR Test) (Dry Unit Weight = 95.0 pcf) (OVM = 0 ppm)
CLAY, Brown and Gray, Trace Sand and Gravel, Hard, Moist (A-6)
(OVM = 0 ppm)
(OVM = 0 ppm)
End of Boring @ 10.0 feet

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-3

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-3 — Station: 83+17 — Offset: — Ground Surface El.: 706.90+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
706.1	0.0			
		5	3.00 P	14.4
705.2	1.0			
		4		
	2.0	5	3.75 P	18.7
		3		
	3.0			
		4		
	4.0	5	4.11 B	19.3 19.0
		6		
	5.0			
		3		
	6.0	3	2.75 P	25.7
		5		
	8.0			
	9.0			
	10.0			
	11.0			
	12.0			
	13.0			
	14.0			
	15.0			
	16.0			
	17.0			

10" BITUMINOUS CONCRETE PAVEMENT
3" CLAY TOPSOIL, Black, Trace Sand and Gravel, Very Stiff, Moist (A-7-5)
(Organic Content = 9.47%) (OVM = 0 ppm)
CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff to Hard in Very Stiff, Moist (A-6)
(OVM = 0 ppm)
(Dry Unit Weight = 111.9 pcf) (OVM = 0 ppm)
(OVM = 0 ppm)
End of Boring @ 15.0 feet

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-4 — Station: 81+68 — Offset: — Ground Surface El.: 703.30+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
703.3	0.0			
		5	5.50 P	17.6
	2.0	7		
		9		
	4.0	8	5.25 P	16.3
		9		
	6.0			
		6	3.70 D	19.0 18.9
	8.0	8		
	9.0			
	10.0			
	11.0			
	12.0			
	13.0			
659.8	14.0			
		11	3.50 P	17.6
658.3	15.0	11		
	16.0			
	17.0			

14.5" BITUMINOUS CONCRETE PAVEMENT
CLAY, Brown, Trace Gray, Trace to Little Sand, Trace Gravel, Hard to Very Stiff to Hard, Moist (A-6)
(OVM = 0 ppm)
(OVM = 0 ppm)
(OVM = 0 ppm)
CLAY, Gray, Trace Sand and Gravel, Very Stiff, Moist (A-6)
(OVM = 0 ppm)
End of Boring @ 13.0 Feet
Boring offset approximately 10 feet east due to gas line utility as marked by Nicor. (Field Geologist's Observations)

(Combined Analysis Test) (Dry Unit Weight = 115.5 pcf) (OVM = 0 ppm)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-5 — Station: 972+50 — Offset: — Ground Surface El.: 692.75+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
692.0	0.0			
691.75		3		
	1.0	4	2.50 P	26.0
		3		
	3.0			
		3	2.00 P	29.6
	4.0	3		
		6		
	5.0			
		5		
	6.0	5	3.00 P	22.8
		7		
	8.0			
	9.0			
	10.0			
	11.0			
	12.0			
	13.0			
	14.0			
	15.0			
	16.0			
684.1	17.0			

8.5" BITUMINOUS CONCRETE PAVEMENT
1.5" SAND AND GRAVEL BASE COURSE, Brown
CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff, Moist (A-6)
(OVM = 0 ppm)
(OVM = 0 ppm)
(OVM = 0 ppm)
CLAY, Brown and Gray, Trace Dark Gray Organics, Trace Sand and Gravel, Stiff, Moist (A-6)
(OVM = 0 ppm)
End of Boring @ 10.0 feet

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-6 — Station: 969+68 — Offset: — Ground Surface El.: 691.80+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
690.9	0.0			
		4		
	1.0	3	3.26 P/S	22.1 19.3
		4		
	3.0			
		3		
	4.0	4	3.75 P	22.9
		5		
	6.0			
		5		
	7.0	8	4.50 P	16.6
		11		
	9.0			
	10.0			
	11.0			
	12.0			
	13.0			
	14.0			
	15.0			
	16.0			
683.3	17.0			

10.5" BITUMINOUS CONCRETE PAVEMENT
CLAY, Brown and Gray, Little to Trace Sand, Trace Gravel, Very Stiff to Hard, Moist (A-6(11))
(Organic Content = 1.70%) (Combined Analysis Test) (Atterberg Limits Test LL=38, PL=20) (Dry Unit Weight = 111.7 pcf) (OVM = 0 ppm)
(OVM = 0 ppm)
(OVM = 0 ppm)
CLAY, Gray, Trace Brown, Trace Sand and Gravel, Very Stiff, Moist (A-6)
(OVM = 0 ppm)
End of Boring @ 10.0 Feet

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-7 — Station: 967+44 — Offset: — Ground Surface El.: 691.10+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
690.1	0.0			
		5		
	1.0	7	5.75 P	17.0
		7		
	3.0			
		5		
	4.0	10	4.66 S	17.8 18.2
		10		
	6.0			
685.1		5		
	7.0	5	3.40 B	17.9 19.1
		7		
	8.0			
	9.0			
	10.0			
	11.0			
	12.0			
	13.0			
	14.0			
	15.0			
	16.0			
	17.0			

(Dry Unit Weight = 147.6 pcf) (OVM = 0 ppm)
End of Boring @ 10.0 Feet

CLAY, Brown and Gray, Little to Trace Sand, Trace Gravel, Hard, Moist (A-6(12))
(Organic Content = 2.25%) (Combined Analysis Test) (Atterberg Limits Test LL=39, PL=19) (Standard Proctor) (BR Test) (OVM = 0 ppm)
(Dry Unit Weight = 109.1 pcf) (OVM = 0 ppm)
CLAY, Gray, Trace Sand and Gravel, Very Stiff to Hard, Moist (A-6)
(Dry Unit Weight = 110.0 pcf) (OVM = 0 ppm)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

ILLINOIS DEPARTMENT OF TRANSPORTATION — SOIL BORING LOG

DESCRIPTION: Proposed Madison Street and IL Route 53 Improvements — Logged By: MK
LOCATION: Lombard, Illinois — SEC. TWP. RNG. PM: 3rd
COUNTY: DuPage — STRUCTURE NO. — STATION — OFFSET
Boring No.: B-8 — Station: 964+39 — Offset: — Ground Surface El.: 692.00+/- M.S.L.
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Start: Wet El.: — Groundwater Elev.: When Drilling: Dry — At Completion: Dry — After Hrs.:

ELEV.	DEPTH (ft.)	SPT N (blows)	UCS Qu (TSF)	MOIST. (%)
691.2	0.0			
		5	8.75 P	20.9
	2.0	5		
		9		
	4.0	4	2.00 P	33.7
		6		
	6.0			
		7		
	7.0	9	2.75 P	30.7
		9		
	8.0			
	9.0			
	10.0			
	11.0			
	12.0			
	13.0			
	14.0			
	15.0			
	16.0			
	17.0			

9.5" BITUMINOUS CONCRETE PAVEMENT
(A-2-4)
CLAY, Brown and Gray, Trace Sand and Gravel, Hard to Very Stiff, Moist to Wet (A-6)
(OVM = 0 ppm)
(OVM = 0 ppm)
(OVM = 0 ppm)
End of Boring @ 10.0 Feet

SANDY LOAM, Gray, Medium Dense, Moist
N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
Split Spoon Sampler 24" with 140lb hammer falling 30"
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.
SEECO Job No. 9535G-2

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN: SURVEYED — PLOTTED — ALIGNMENT CHECKED — NOTE BOOK — RT. OF WAY CHECKED — NO. — CADD FILE NAME — BY — DATE
PROFILE: SURVEYED — PLOTTED — GRADES CHECKED — NOTE BOOK — ELEV. NOTED — NO. — STRUCTURE NOTATING DRWD — BY — DATE

FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161454-sht-SoilBoring-01.dgn	USER NAME = jstrick	DESIGNED - VMR	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
SOIL BORING LOGS

NOT TO SCALE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	56
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

SOIL BORING LOG — B-9

ILLINOIS DEPARTMENT OF TRANSPORTATION

Description: Proposed Madison Street and IL Route 53 Improvements — Logged by: MK
Location: Lombard, Illinois — PM 3rd
County: DuPage
Drilling Method: AASHTO T 206-09 — Hammer Type: Automatic Hammer
Boring No.: B-9 — Station: 966+19
Ground Surface Elev.: 691.40+/- M.S.L.
Groundwater Elev.: When Drilling: Dry — At Completion: Dry

Description	Elev.	Depth (ft)	SPT N (blows)	UCS Qu (TSF)	Moist. (%)
9.5" BITUMINOUS CONCRETE PAVEMENT	690.6				
CLAY, Brown, Trace Gray, Trace Sand and Gravel, Stiff, Moist (A-6)		1.0	3		
(Dry Unit Weight = 105.3 pcf) (OVM = 0 ppm)		2.0	3 / 4	1.12 B	21.6 / 21.4
CLAY, Gray, Trace Sand and Gravel, Hard to Very Stiff to Hard, Moist (A-6)	688.9	3.0			
(Dry Unit Weight = 113.2 pcf) (OVM = 0 ppm)		4.0	6 / 8 / 9	4.36 B	19.3 / 18.0
(Dry Unit Weight = 117.2 pcf) (OVM = 0 ppm)		7.0	6 / 7 / 9	2.77 B	16.6 / 16.6
(Dry Unit Weight = 116.7 pcf) (OVM = 0 ppm)		9.0	4 / 8 / 6	2.70 B	16.7 / 16.4
(Dry Unit Weight = 118.8 pcf) (OVM = 0 ppm)		12.0	4 / 7 / 10	3.31 B	13.6 / 14.2
(Dry Unit Weight = 118.9 pcf) (OVM = 0 ppm)		14.0	5 / 7 / 9	4.33 B/S	16.8 / 14.8
End of Boring @ 15.0 Feet	676.4	15.0			

Boring offset approximately 30 feet west due to the close proximity of the corner of Madison Avenue and Illinois Route 53. (Field Geologist's Observations)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. Split Spoon Sampler 24" with 140lb hammer falling 30" — (QU)B=Bulge S=Shear P=Penetrometer Test
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

SEECO Job No. 9535G-2

SOIL BORING LOG — B-10

ILLINOIS DEPARTMENT OF TRANSPORTATION

Description: Proposed Madison Street and IL Route 53 Improvements — Logged by: MK
Location: Lombard, Illinois — PM 3rd
County: DuPage
Drilling Method: AASHTO T 206-09 — Hammer Type: Portable Hammer
Boring No.: B-10 — Station: 967+22
Ground Surface Elev.: 691.10+/- M.S.L.
Groundwater Elev.: When Drilling: 684.6 — At Completion: 686.1

Description	Elev.	Depth (ft)	SPT N (blows)	UCS Qu (TSF)	Moist. (%)
FILL: CLAY TOPSOIL, Dark Brown (A-7-5)	690.1	1.0			
CLAY, Brown, Trace Sand and Gravel, Very Stiff, Moist (A-6) (Dry Unit Weight = 93.3 pcf) (OVM = 0 ppm)		2.0	3 / 7 / 10	2.43 B	24.2 / 26.4
(OVM = 0 ppm)		5.0	5 / 9 / 12	2.75 P	23.2
(Trace Gray at 7'-8.5') (Dry Unit Weight = 114.6 pcf) (OVM = 0 ppm)		8.0	6 / 9 / 20	2.77 B	20.7 / 19.2
(Dry Unit Weight = 112.7 pcf) (OVM = 0 ppm)		11.0	5 / 8 / 13	3.11 B	19.0 / 19.2
(Dry Unit Weight = 109.1 pcf) (OVM = 0 ppm)		14.0	17 / 18 / 21	3.27 B	26.7 / 23.0
End of Boring @ 15.0 feet	676.1	15.0			

Note: The borehole was advanced using a stainless steel 4 inch diameter tubular hand auger. The boring was sampled using a portable 35-pound hammer dropped 30 inches onto the split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation. (Field Geologist's Observations)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. Split Spoon Sampler 24" with 140lb hammer falling 30" — (QU)B=Bulge S=Shear P=Penetrometer Test
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

SEECO Job No. 9535G-2

SOIL BORING LOG — C-1

ILLINOIS DEPARTMENT OF TRANSPORTATION

Description: Proposed Madison Street and IL Route 53 Improvements — Logged by: MK
Location: Lombard, Illinois — PM 3rd
County: DuPage
Drilling Method: AASHTO T 206-09 — Hammer Type: Portable Hammer
Boring No.: C-1 — Station: 963+61
Ground Surface Elev.: 692.10+/- M.S.L.
Groundwater Elev.: When Drilling: Dry — At Completion: Dry

Description	Elev.	Depth (ft)	SPT N (blows)	UCS Qu (TSF)	Moist. (%)
10" BITUMINOUS CONCRETE PAVEMENT	691.3				
3" CRUSHED STONE BASE COURSE, Brown, Moist	691.0	1.0			11.9
CLAY TOPSOIL, Black, Very Stiff, Moist (A-7-5) (OVM = 0 ppm)		2.0	8 / 8 / 11	3.50 P	25.2
End of Boring @ 3.0 feet	689.1	3.0			

Note: The pavement core was made using a portable core machine with an approximate 4 inch diameter diamond bit core barrell. Once cored, the borehole was advanced using a stainless steel 4 inch diameter tubular hand auger. The boring was sampled using a portable 35-pound hammer dropped 30 inches onto the split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation. (Field Geologist's Observations)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. Split Spoon Sampler 24" with 140lb hammer falling 30" — (QU)B=Bulge S=Shear P=Penetrometer Test
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

SEECO Job No. 9535G-2

SOIL BORING LOG — C-2

ILLINOIS DEPARTMENT OF TRANSPORTATION

Description: Proposed Madison Street and IL Route 53 Improvements — Logged by: MK
Location: Lombard, Illinois — PM 3rd
County: DuPage
Drilling Method: AASHTO T 206-09 — Hammer Type: Portable Hammer
Boring No.: C-2 — Station: 965+67
Ground Surface Elev.: 691.50+/- M.S.L.
Groundwater Elev.: When Drilling: Dry — At Completion: Dry

Description	Elev.	Depth (ft)	SPT N (blows)	UCS Qu (TSF)	Moist. (%)
13.5" BITUMINOUS CONCRETE PAVEMENT	690.4	1.0			
1.5" CRUSHED STONE BASE COURSE, Brown	690.2				
FILL: CLAY, Brown and Gray, Some Gravel, Very Stiff, Moist (A-6)	690.0			4.00 P	10.7
CLAY, Brown, Trace Sand and Gravel, Very Stiff, Moist (A-6) (OVM = 0 ppm)		2.0	19 / 16 / 13	3.00 P	18.5
End of Boring @ 3.0 feet	688.5	3.0			

Note: The pavement core was made using a portable core machine with an approximate 4 inch diameter diamond bit core barrell. Once cored, the borehole was advanced using a stainless steel 4 inch diameter tubular hand auger. The boring was sampled using a portable 35-pound hammer dropped 30 inches onto the split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation. (Field Geologist's Observations)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. Split Spoon Sampler 24" with 140lb hammer falling 30" — (QU)B=Bulge S=Shear P=Penetrometer Test
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

SEECO Job No. 9535G-2

SOIL BORING LOG — C-3

ILLINOIS DEPARTMENT OF TRANSPORTATION

Description: Proposed Madison Street and IL Route 53 Improvements — Logged by: MK
Location: Lombard, Illinois — PM 3rd
County: DuPage
Drilling Method: AASHTO T 206-09 — Hammer Type: Portable Hammer
Boring No.: C-3 — Station: 968+54
Ground Surface Elev.: 691.50+/- M.S.L.
Groundwater Elev.: When Drilling: Dry — At Completion: Dry

Description	Elev.	Depth (ft)	SPT N (blows)	UCS Qu (TSF)	Moist. (%)
10.5" BITUMINOUS CONCRETE PAVEMENT	690.6	1.0			
5" CRUSHED STONE BASE COURSE, Brown, Dry	690.2				3.2
FILL: CLAY TOPSOIL, Black, Stiff, Moist (A-7-5)	690.0			1.25 P	27.8
CLAY, Brown, and Gray Trace Sand, Very Stiff, Moist (A-6) (OVM = 0 ppm)		2.0	2 / 5 / 6	2.00 P	20.1
End of Boring @ 3.0 feet	688.5	3.0			

Note: The pavement core was made using a portable core machine with an approximate 4 inch diameter diamond bit core barrell. Once cored, the borehole was advanced using a stainless steel 4 inch diameter tubular hand auger. The boring was sampled using a portable 35-pound hammer dropped 30 inches onto the split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation. (Field Geologist's Observations)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. Split Spoon Sampler 24" with 140lb hammer falling 30" — (QU)B=Bulge S=Shear P=Penetrometer Test
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

SEECO Job No. 9535G-2

SOIL BORING LOG — C-4

ILLINOIS DEPARTMENT OF TRANSPORTATION

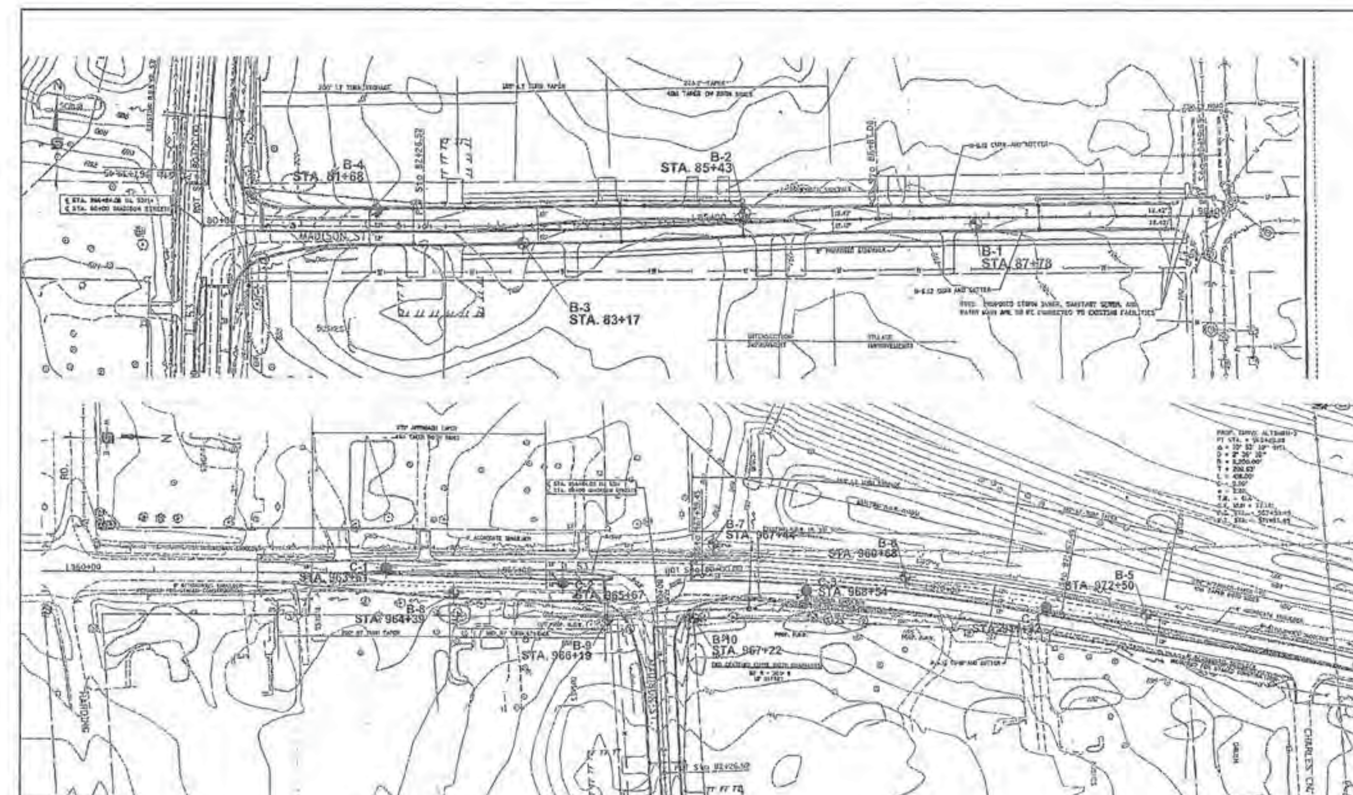
Description: Proposed Madison Street and IL Route 53 Improvements — Logged by: MK
Location: Lombard, Illinois — PM 3rd
County: DuPage
Drilling Method: AASHTO T 206-09 — Hammer Type: Portable Hammer
Boring No.: C-4 — Station: 971+32
Ground Surface Elev.: 692.30+/- M.S.L.
Groundwater Elev.: When Drilling: Dry — At Completion: Dry

Description	Elev.	Depth (ft)	SPT N (blows)	UCS Qu (TSF)	Moist. (%)
9.5" BITUMINOUS CONCRETE PAVEMENT	691.5				
8.5" CRUSHED STONE BASE COURSE, Brown, Dry	690.8	1.0			3.1
FILL: SAND AND GRAVEL COURSE, Brown, Medium Dense, Dry (OVM = 0 ppm)		2.0	16 / 11 / 12		4.9
End of Boring @ 3.0 feet	689.3	3.0			

Note: The pavement core was made using a portable core machine with an approximate 4 inch diameter diamond bit core barrell. Once cored, the borehole was advanced using a stainless steel 4 inch diameter tubular hand auger. The boring was sampled using a portable 35-pound hammer dropped 30 inches onto the split spoon sampler with the resulting blow counts converted to an equivalent SPT ("N") value utilizing the potential energy equation. (Field Geologist's Observations)

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. Split Spoon Sampler 24" with 140lb hammer falling 30" — (QU)B=Bulge S=Shear P=Penetrometer Test
4.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

SEECO Job No. 9535G-2



LEGEND
B-1 = APPROXIMATE SOIL BORING LOCATION
C-1 = APPROXIMATE PAVEMENT CORING LOCATION

SEECO Consultants, Inc. — 7350 Duvan Drive, Tinley Park, Illinois 60477 — Office: (708) 429-1888 — Fax: (708) 429-1889
Drawn by: SFD — Checked: GO — Approved: CWG
Client: VILLAGE OF LOMBARD
Project Name & Location: PROPOSED MADISON STREET & IL ROUTE 53 IMPROVEMENTS, Lombard, Illinois
BORING/CORING LOCATION PLAN — Date: 04/20/11 — Scale: NONE — Job #: 9535G2 — Sheet 1 of 1

CHRISTOPHER B. BURKE ENGINEERING, LTD. — 9575 West Higgins Road, Suite 600, Rosemont, Illinois 60018 — (847) 823-0500

PLAN: NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME — BY — DATE
PROFILE: NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / BM NOTED / STRUCTURE NOTATIONS CHECKED — BY — DATE

FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\0161A54-sht-SoilBoring-02.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

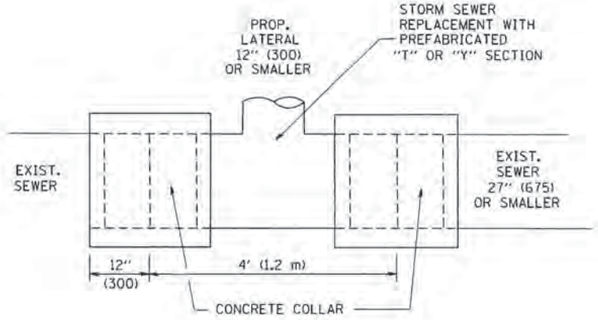
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
SOIL BORING LOGS

NOT TO SCALE — SHEET 2 OF 2 SHEETS — STA. TO STA.

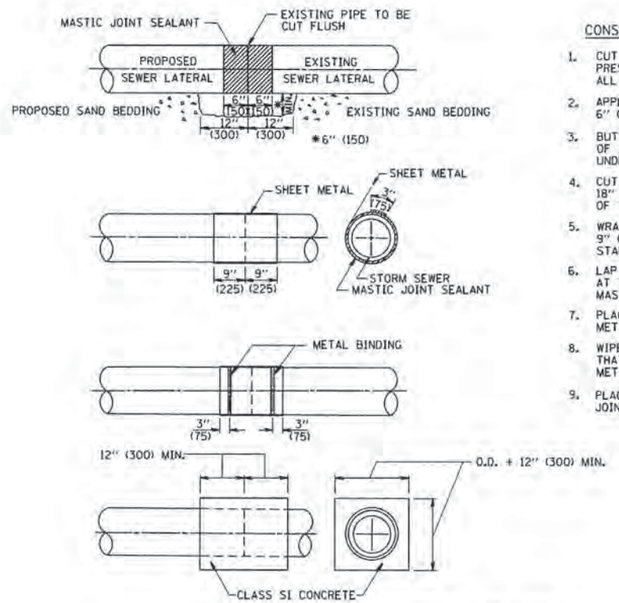
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	57

CONTRACT NO. 61A54
ILLINOIS FED. AID PROJECT



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

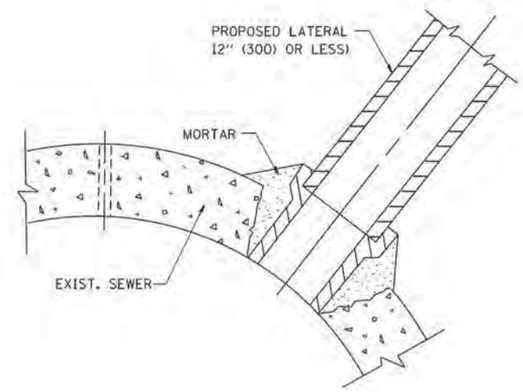


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME = N:\diststd\22x34\bd07.dgn	USER NAME = gaglenobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
		DRAWN -	REVISED - R. SHAH 09-09-94
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

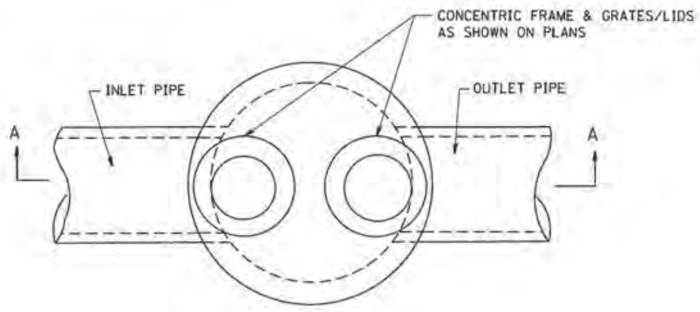
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

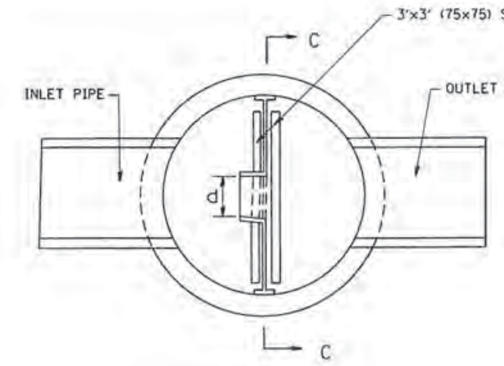
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	58
	BD500-01 (BD-7)	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

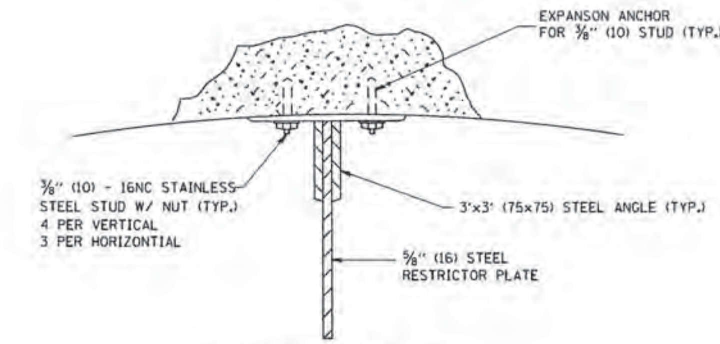
FILE NAME N:\Lombard\110152.00002\CADD.Sheets\D161A54-sht-DistDetail-BI.dgn



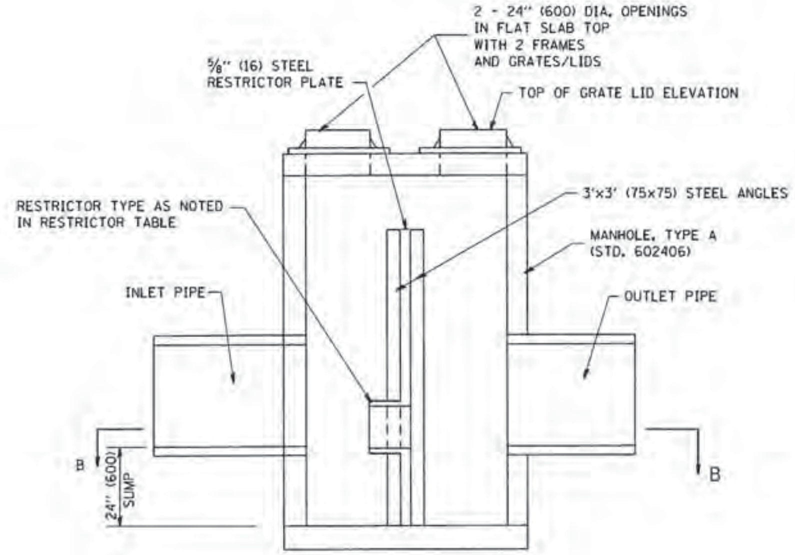
PLAN



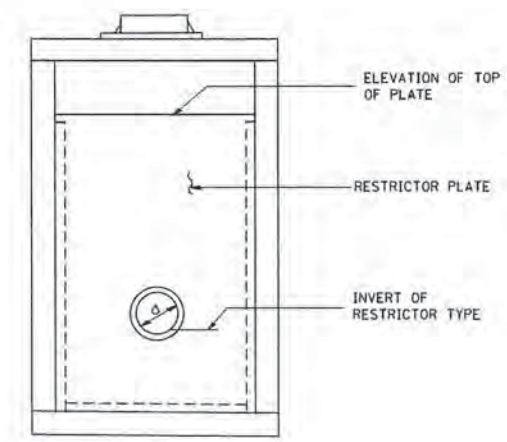
SECTION B-B



ANGLE FASTENER DETAIL



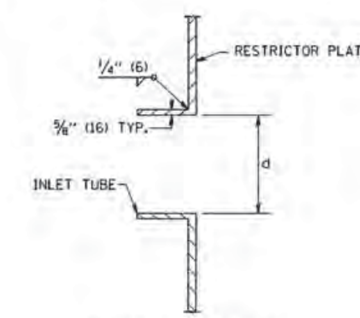
SECTION A-A



SECTION C-C

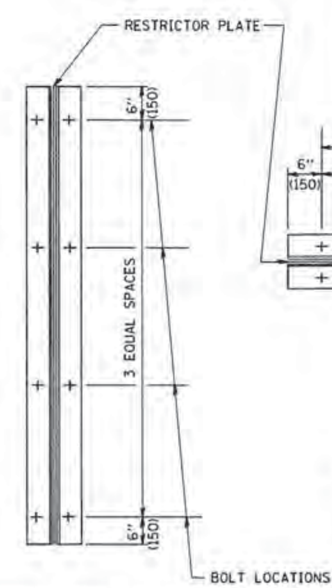
NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH

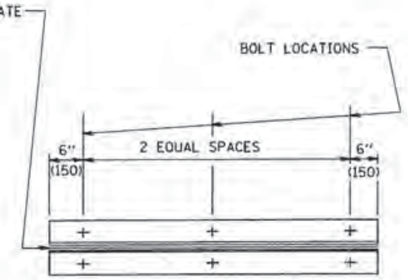


INLET TUBE DETAIL

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
968+00 39.00' LT	6'	Type 1 Frame, CL	Type 2 or 3	17.00" (431.80)	684.15	686.80
209+85.00 35.50'LT	6'	Type 1 Frame, CL	Type 2 or 3	14.05" (356.87)	694.90	697.00



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL



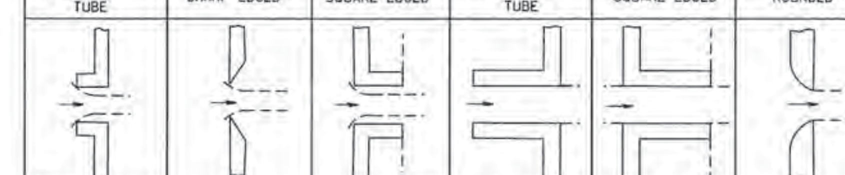
TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:
1. ANGLES SHOULD BE 3x3x⅜ (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98



VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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

FILE NAME = W:\diststd\22x34\bd12.dgn	USER NAME = gegliamobt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - E. GOMEZ 08-28-00
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 01-08-01
	PLOT DATE = 1/4/2008	DATE - 09-09-94	REVISED -

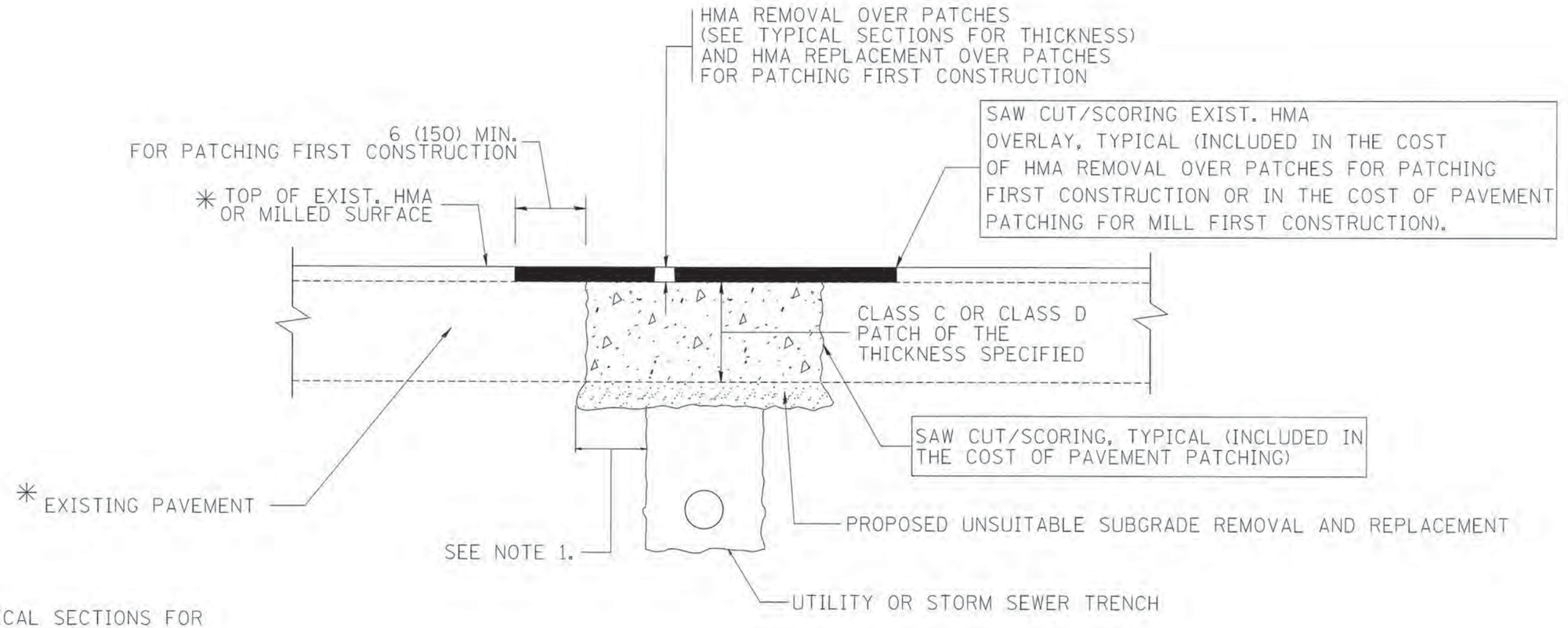
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	59
BD600-04	**(BD-12)**	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FILE NAME N:\Lombard\110152.00002\CADD.Sheets\D161A54-sht-DistlDetail-02.dgn



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\district22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	60
	BD400-04 (BD-22)	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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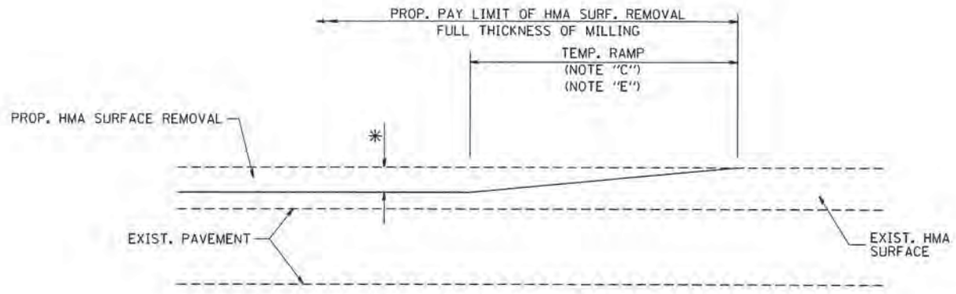
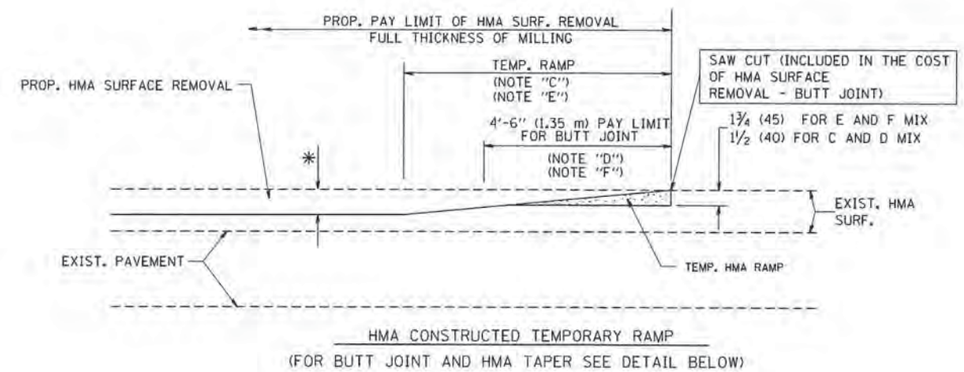


MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

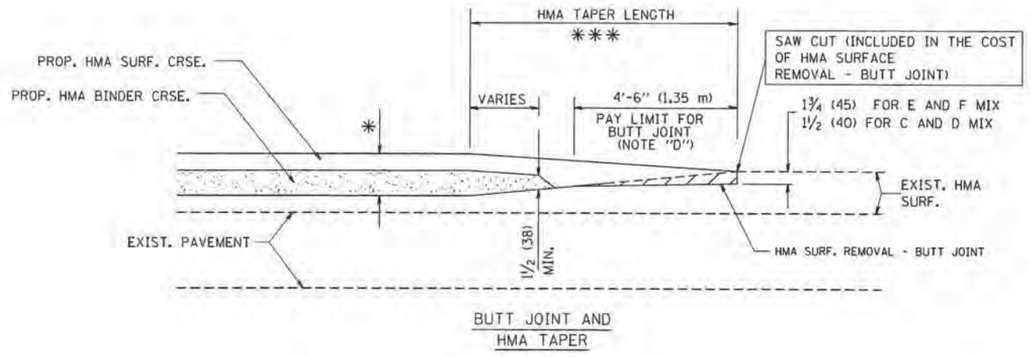


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

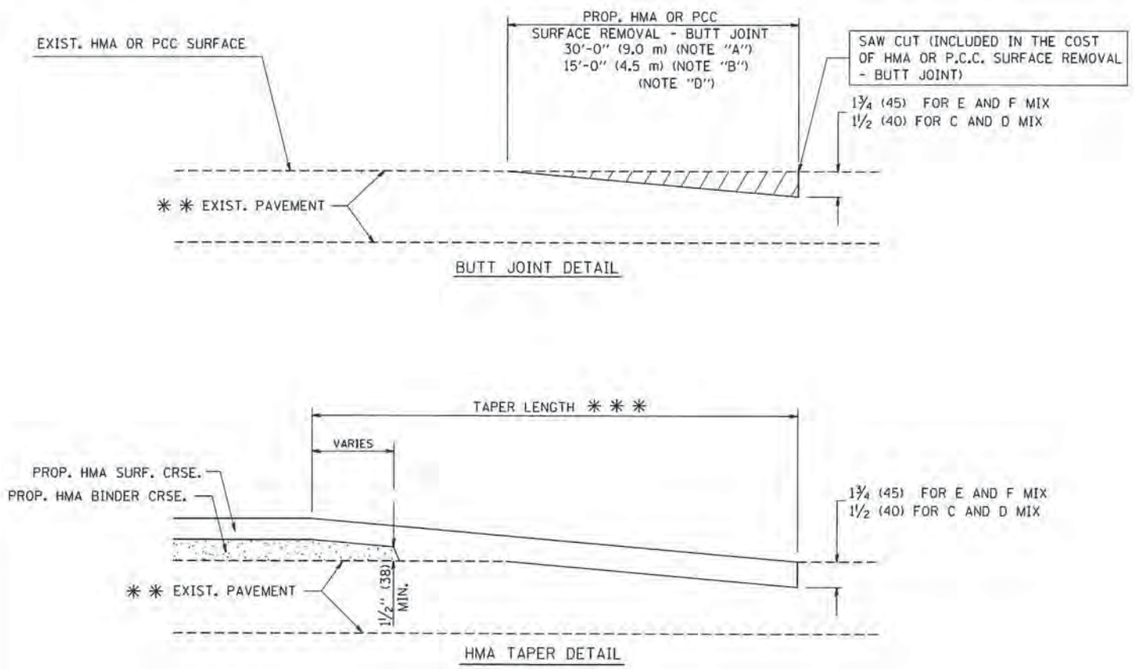
OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglionobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

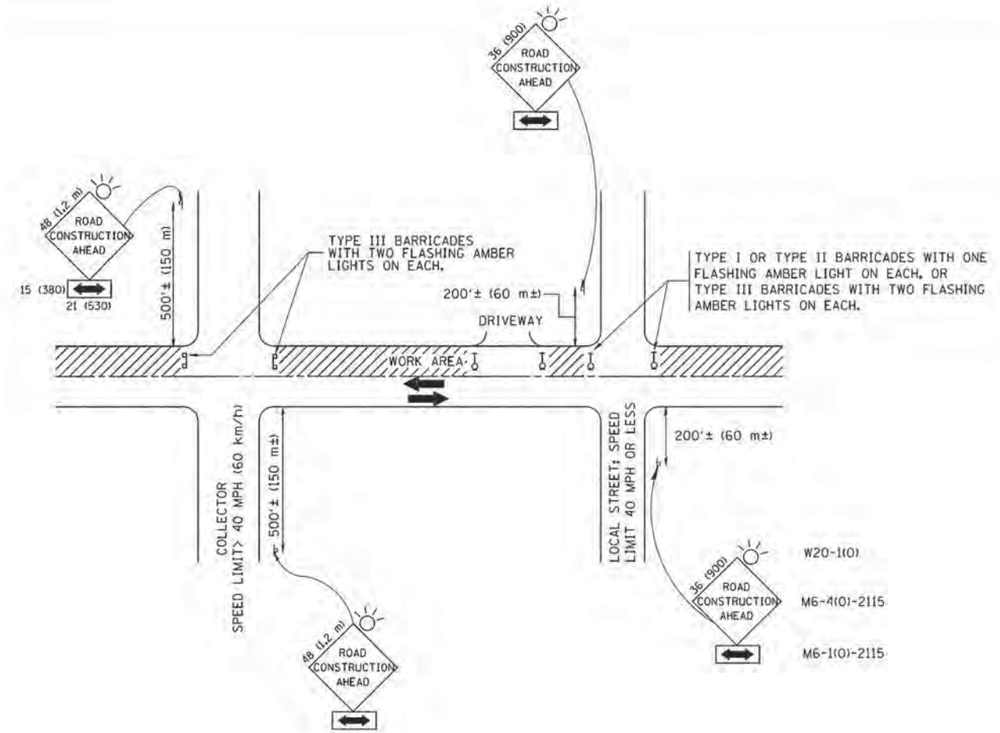
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	61
	BD400-05 BD32	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FILE NAME N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-DistlDetail-04.dgn



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = N:\distatd\22x34\tc10.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

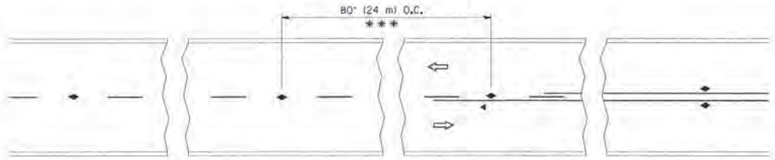
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

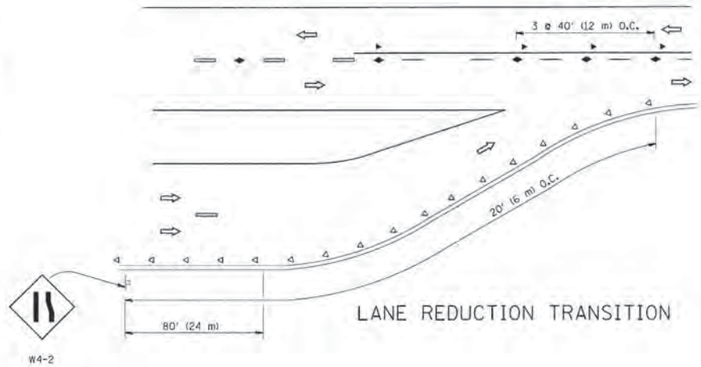
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	62
	TC-10	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FILE NAME N:\Lombard\110152,20002\CADD_Sheets\D161A54-sht-DistDetail-05.dgn

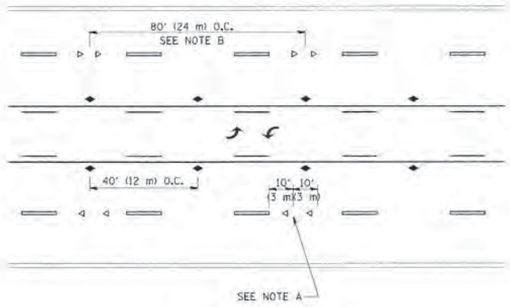


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

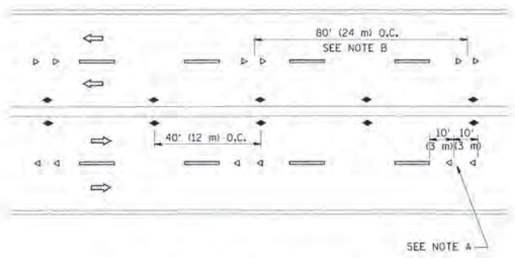
TWO-LANE/TWO-WAY



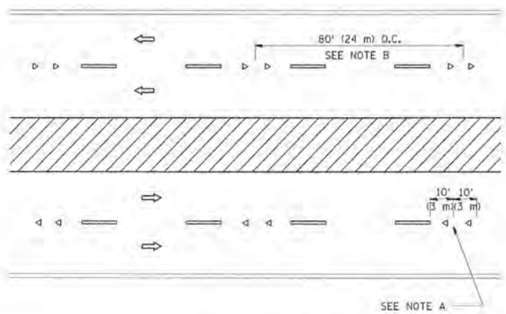
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

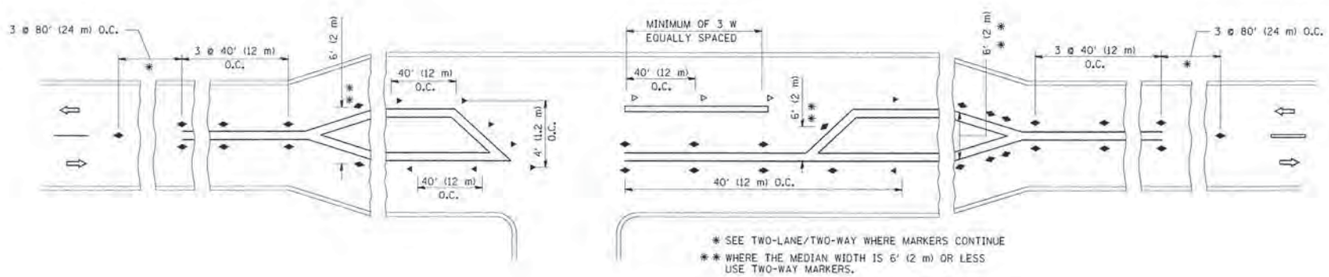
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



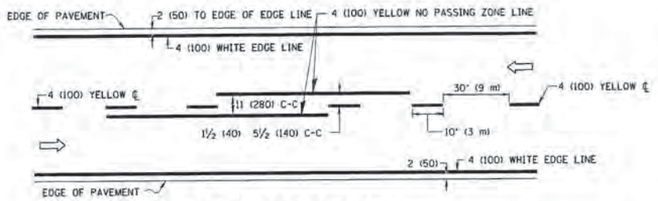
LEFT TURN

All dimensions are in inches (millimeters) unless otherwise shown.

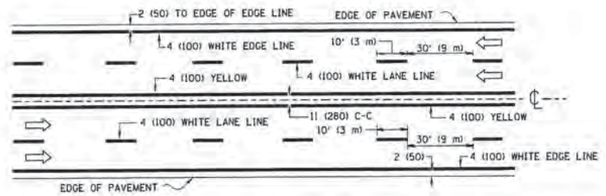
FILE NAME = c:\pw_work\pwidot\luyaa\d0109315\c011.dgn	USER NAME = Luyaa	DESIGNED	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
		DRAWN	REVISED - T. RAMMACHER 03-12-99		
	PLOT SCALE = 50.000 '/ IN.	CHECKED	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.
	PLOT DATE = 3/2/2011	DATE	REVISED - C. JUCIUS 09-09-09		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	63
	TC-11	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT				

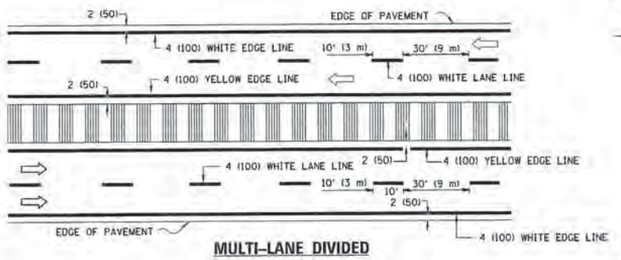
FILE NAME N:\Lombard\118152.00002\CADD_Sheets\D161A54-sht-DistDetail-06.dgn



2–LANE ROADWAY

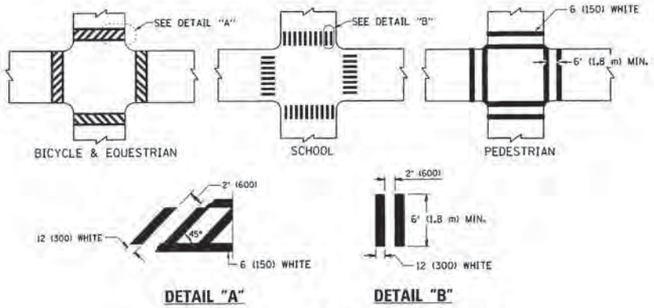


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

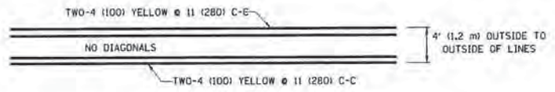
TYPICAL LANE AND EDGE LINE MARKING



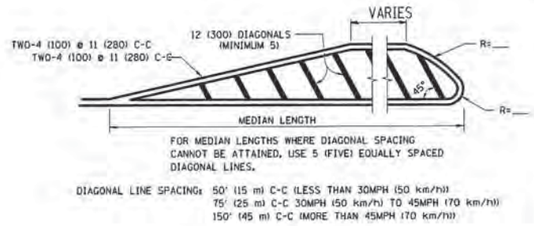
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

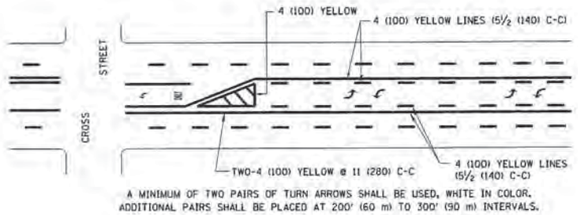
✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

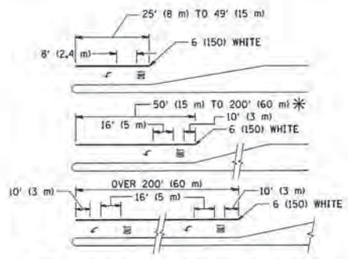


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

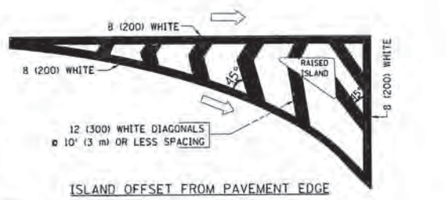


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

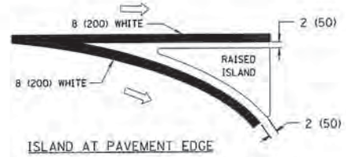
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

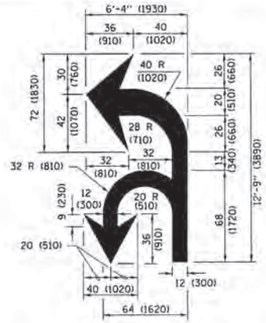


ISLAND OFFSET FROM PAVEMENT EDGE

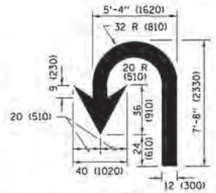


ISLAND AT PAVEMENT EDGE

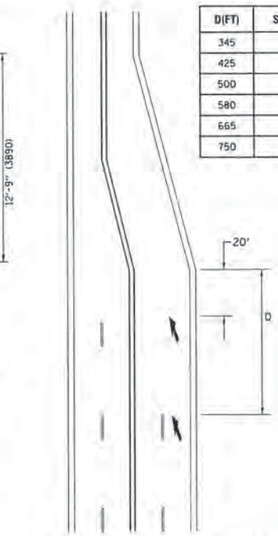
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = pw:\\IL084EBIOINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\Default	USER NAME = lszakrf	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
		DRAWN - \CADData\CADsheets\tc13.dgn	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 12/21/2015	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15

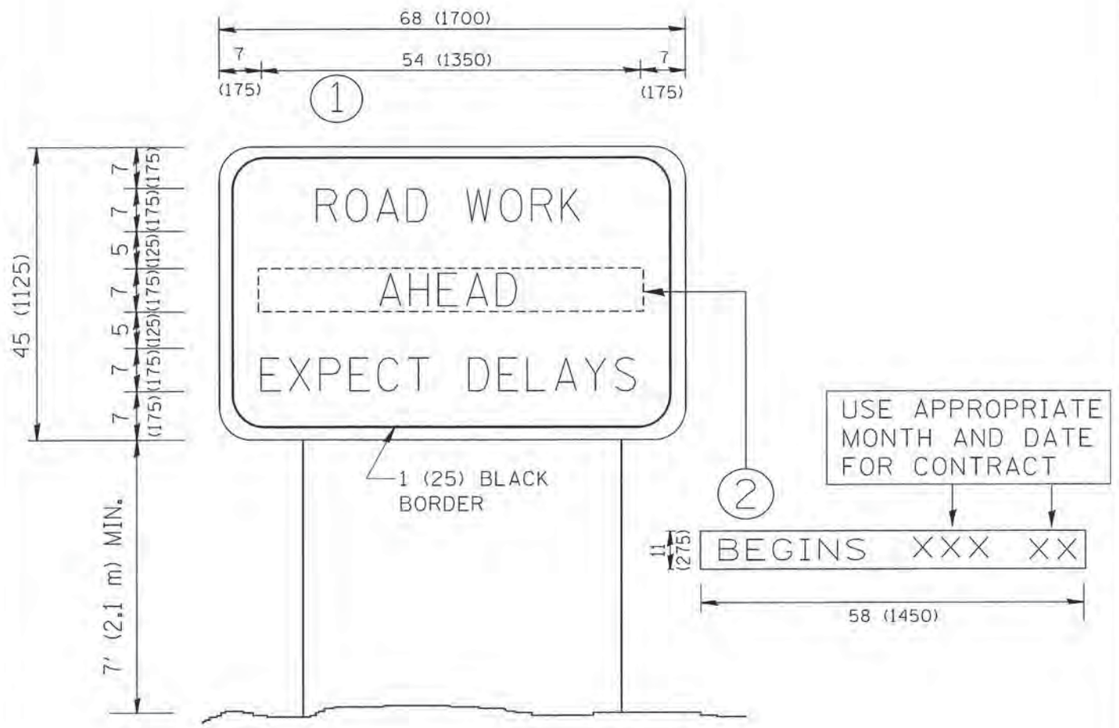
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	64
	TC-13	CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

FILE NAME N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-DistDetail-07.dgn



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = geglenobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

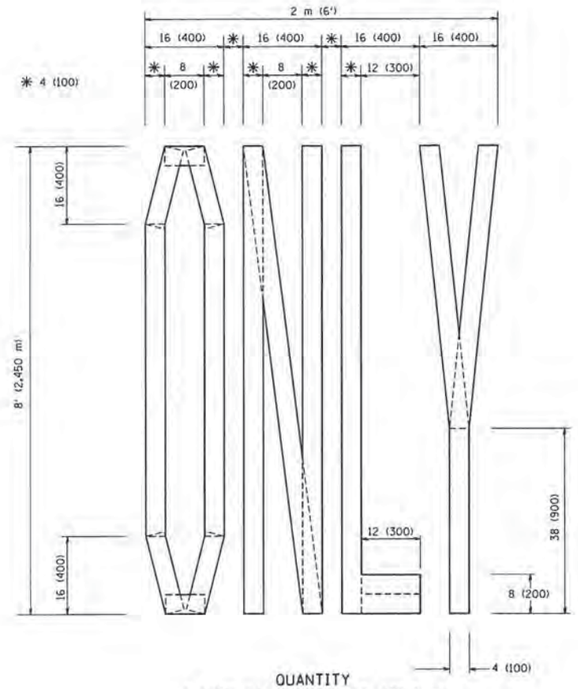
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

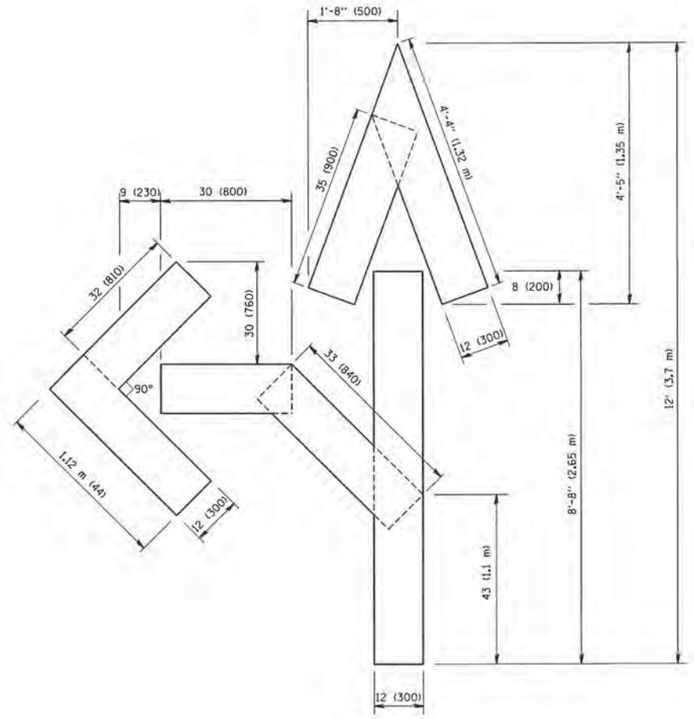
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	65
	TC-22	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

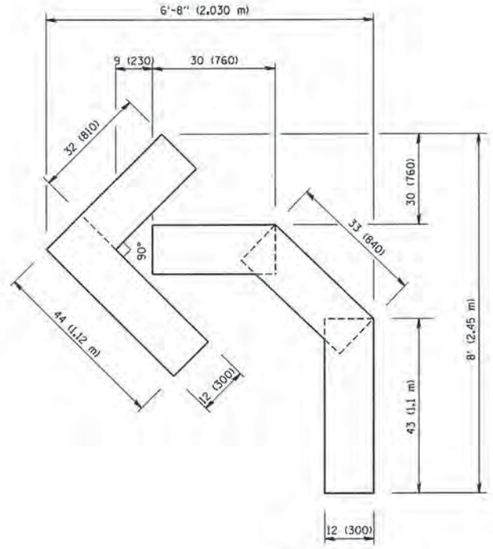
FILE NAME N:\Lombard\11815Z.00002\CADD.Sheets\D161A54-sht-DistDetail-08.dgn



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = N:\diststd\22x34\tc16.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -T. RAMMACHER 11-04-97					0870	11-00155-00-CH	DUPAGE	90	66
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98						TC-16		CONTRACT NO. 61A54	
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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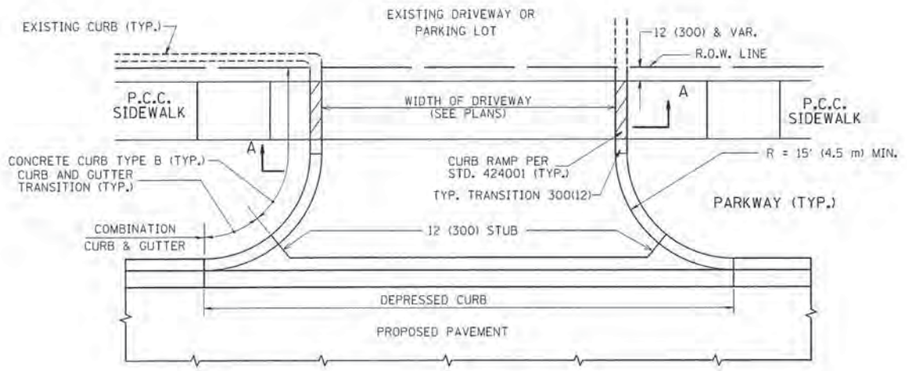
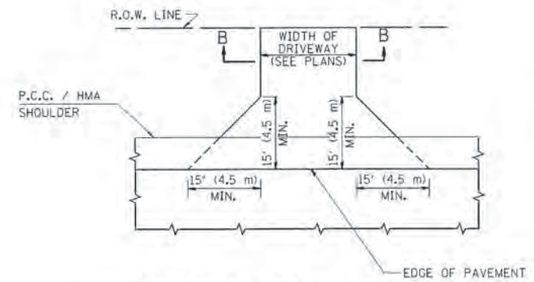
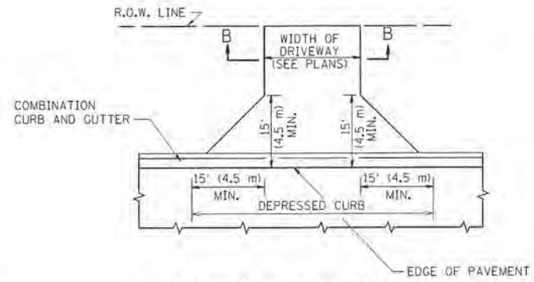


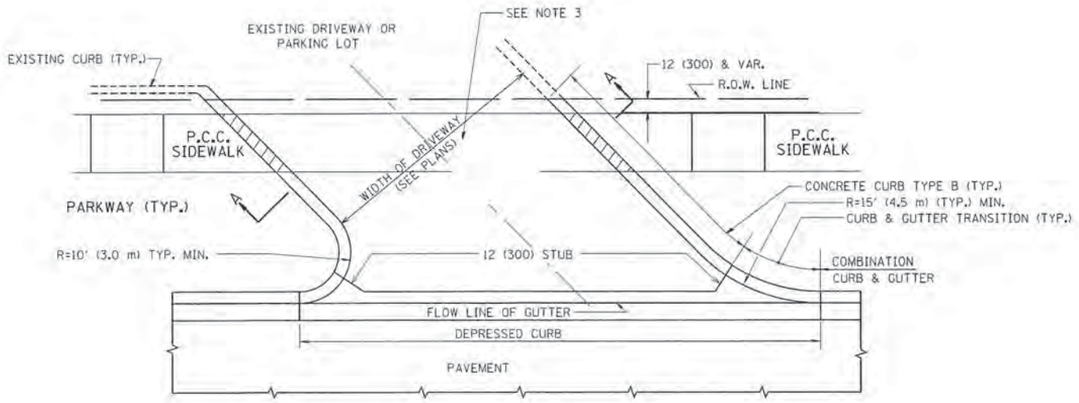
WITH CONCRETE CURB, TYPE B



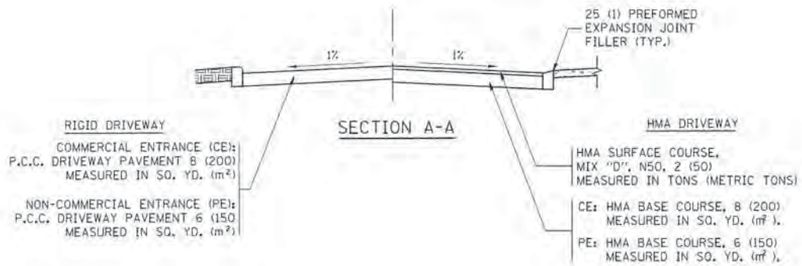
ADJACENT TO P.C.C. / HMA SHOULDER

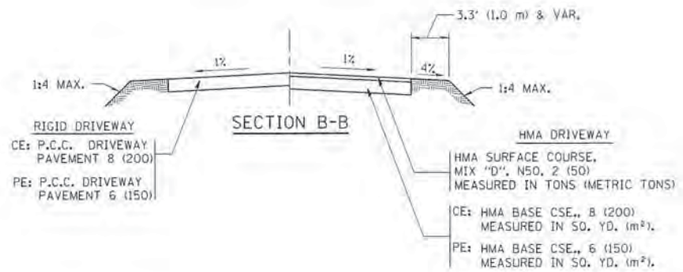


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





RURAL FIELD ENTRANCE (FE)

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

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

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

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

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

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

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

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

FILE NAME = c:\pwwork\toxdot\loysa\d0100315\bd01.dgn	USER NAME = loysa	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 9/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11

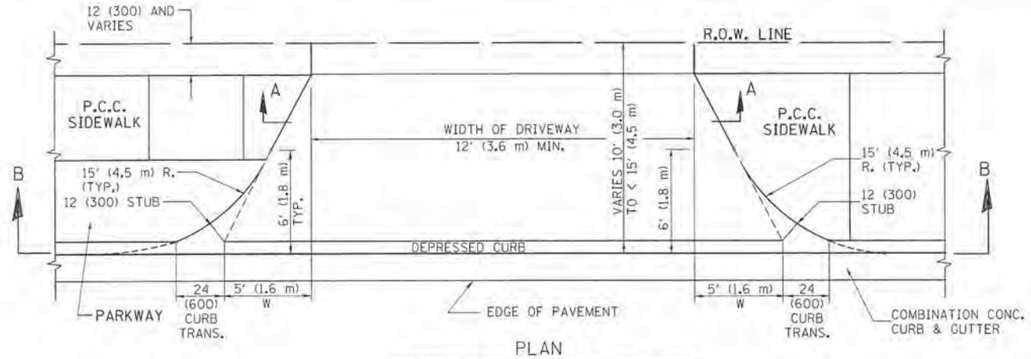
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

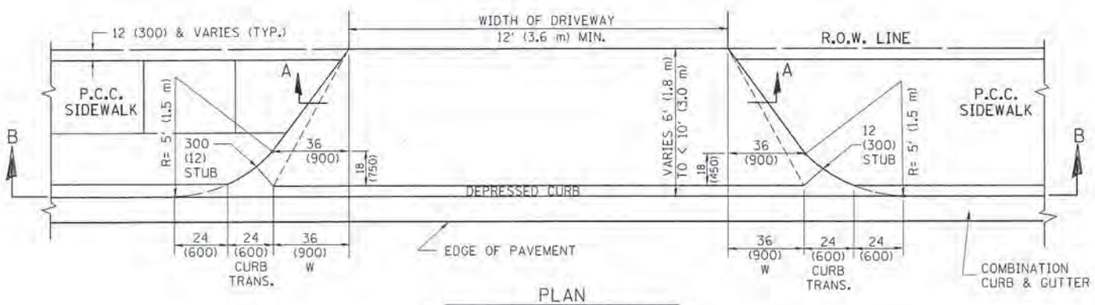
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	67
	BD0156-07 (BD-01)	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

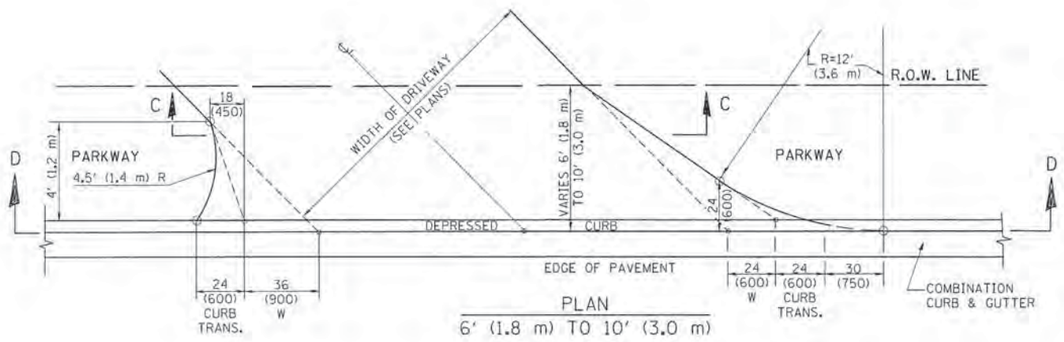
FILE NAME N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-DistDetail-10.dgn



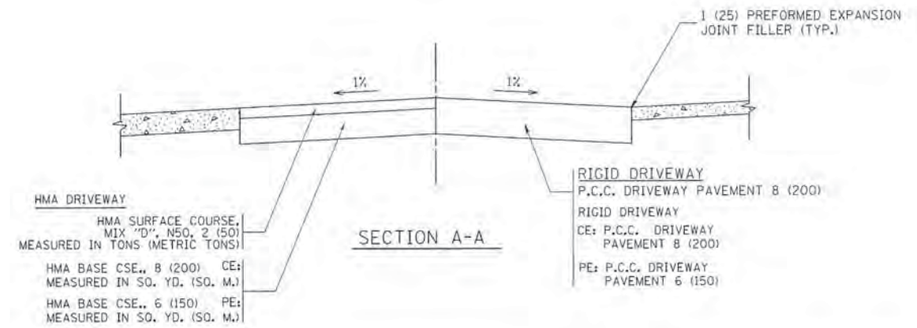
PLAN
10' (3.0 m) TO < 15' (4.5 m)



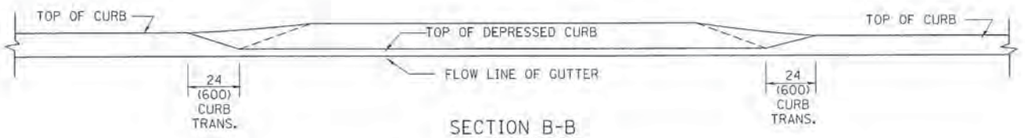
PLAN
6' (1.8 m) TO < 10' (3.0 m)



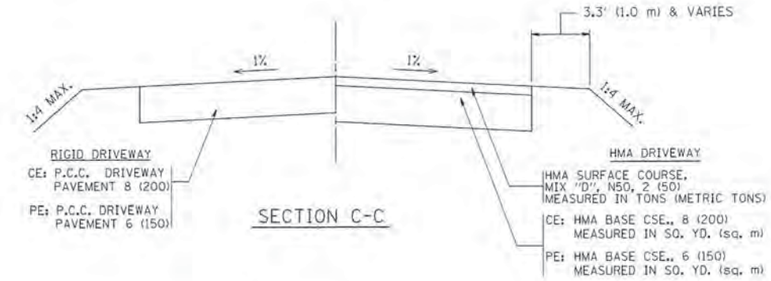
PLAN
6' (1.8 m) TO 10' (3.0 m)



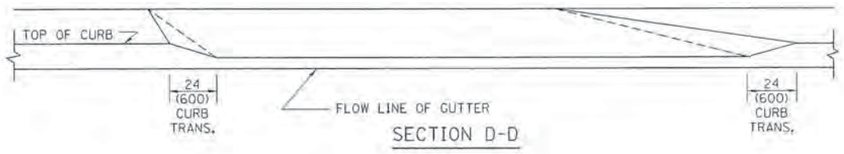
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

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

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

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

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

FILE NAME = n:\pw_work\pwidot\lleysa\d0108315\bd02.dgn	USER NAME = lleysa	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
		DRAWN -	REVISED - P. LaFLEUR 04-15-03
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/28/2011	DATE - 11-06-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

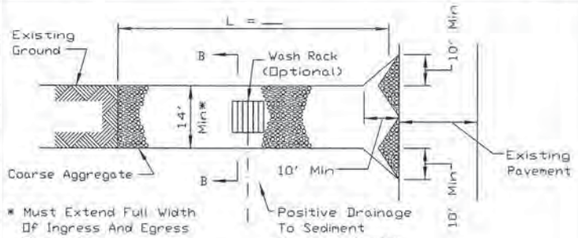
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)

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

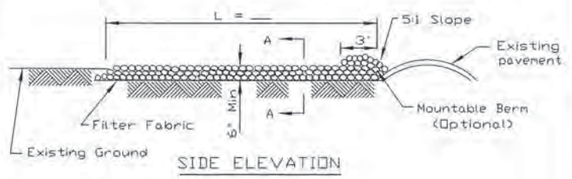
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	68
	BD400-02 (BD-02)	CONTRACT NO. 61A54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FILE NAME N:\Lombard\110152.00002\CADD_Sheets\D161A54-sht-DistDetail-11.dgn

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW

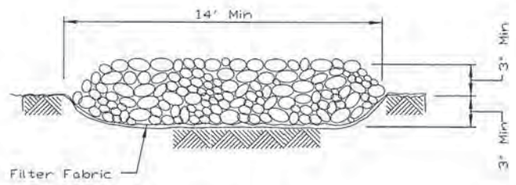


SIDE ELEVATION

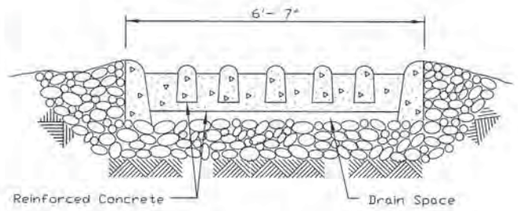
NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-630
Designed ____ Date ____		SHEET 1 OF 2
Checked ____ Date ____		DATE 8-18-94
Approved ____ Date ____		

STABILIZED CONSTRUCTION ENTRANCE PLAN



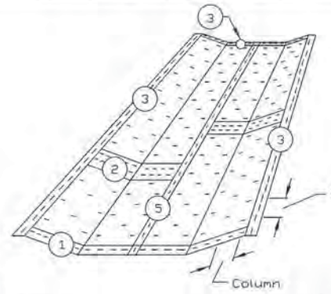
SECTION A-A

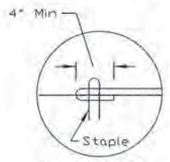


SECTION B-B

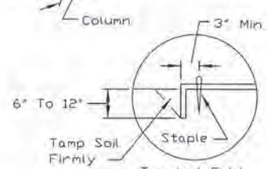
REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-630
Designed ____ Date ____		SHEET 2 OF 2
Checked ____ Date ____		DATE 8-18-94
Approved ____ Date ____		

EROSION BLANKET PLAN



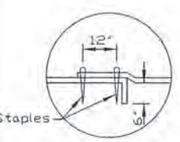


Terminal Fold
Jute Mesh Only

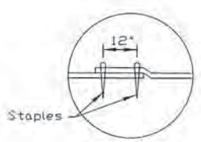


Terminal Fold
Excelsior Blanket
Erosion Control Paper

DETAIL 1



Junction Slot
Jute Mesh
Erosion Control Paper

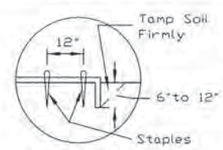


Junction Slot
Excelsior Blanket

DETAIL 2

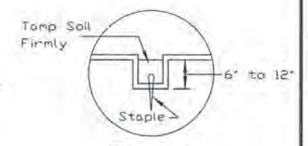
REFFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-530
Designed ____ Date ____		SHEET 1 OF 2
Checked ____ Date ____		DATE 5-24-94
Approved ____ Date ____		

EROSION BLANKET PLAN



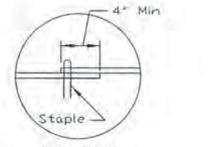
Anchor Slot
Jute Mesh
Excelsior Blanket
Erosion Control Paper

DETAIL 3



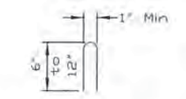
Check Slot
Erosion Control Paper

DETAIL 4



Lap Joint
Jute Mesh
Erosion Control Paper
Excelsior Blanket Shall Be Butted Together.

DETAIL 5



STAPLE DETAIL

NOTES:
1. On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
2. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4'x 225' roll of material and 125 staples are required per 4'x 150' roll of material.
3. Erosion control material shall be placed loosely over ground surface. Do not stretch.
4. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.

REFFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-530
Designed ____ Date ____		SHEET 2 OF 2
Checked ____ Date ____		DATE 3-1-95
Approved ____ Date ____		

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN — SURVEYED, DRAWN, ALIGNMENT CHECKED, GRADES CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, STRUCTURE NO(S)/ITMS, CK'KD, NOTE BOOK, NO.

FILE NAME =	USER NAME = jgstrick	DESIGNED - VMR	REVISED -
N:\Lombard\118152.00002\CADD\Sheets\D16A54-sht-Detail-01.dgn		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

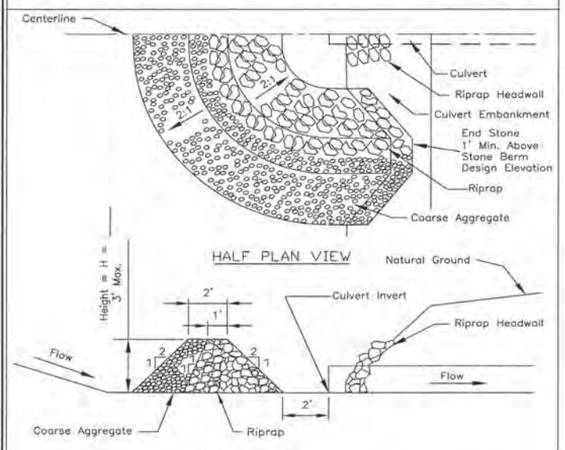
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
CONSTRUCTION DETAILS

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	69
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		

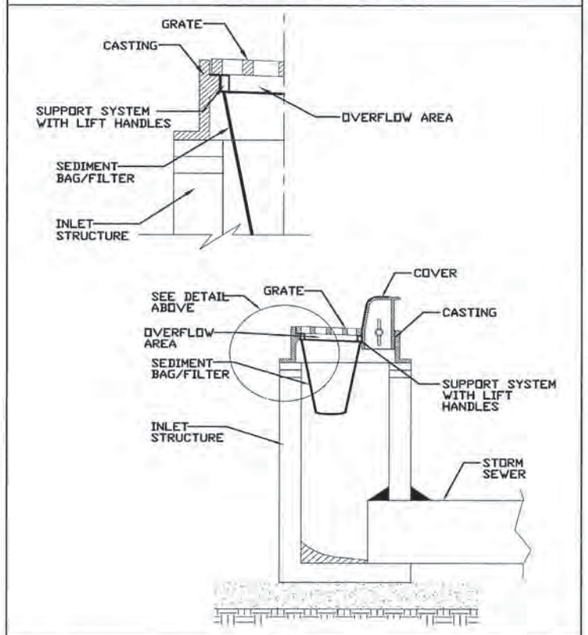
CULVERT INLET PROTECTION - STONE



Notes:
1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
3. Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.
4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
5. The maximum drainage area to the culvert being protected is 3 acres.
6. See plans for H dimension.
7. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

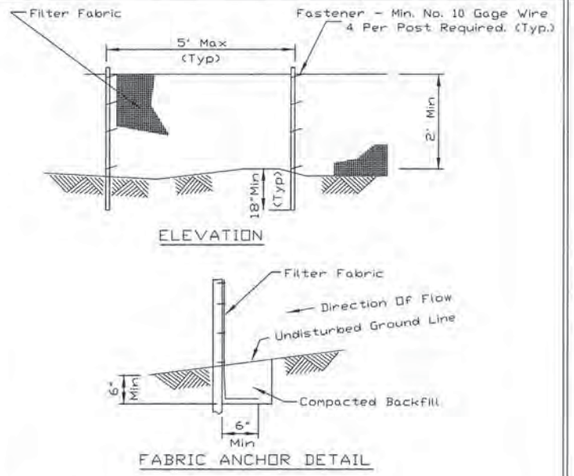
REFERENCE			STANDARD DWG. NO.
Project		NRCS Natural Resources Conservation Service	IL-508ST
Designed ____ Date ____			SHEET 1 OF 1
Checked ____ Date ____			DATE 1-29-99
Approved ____ Date ____			

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



REFERENCE			STANDARD DWG. NO.
Project			IUM-561D
Designed ____ Date ____			SHEET 1 OF 1
Checked ____ Date ____			DATE 01-11-11
Approved ____ Date ____			

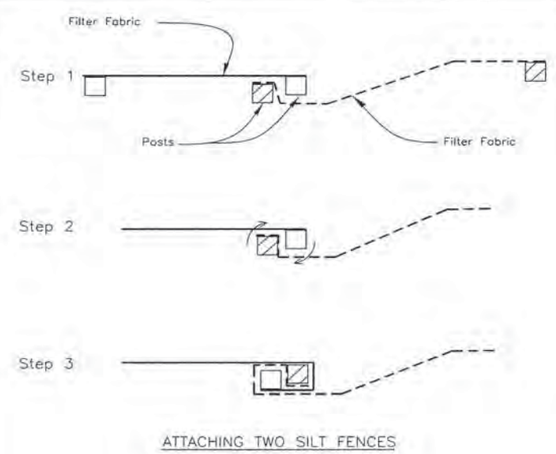
SILT FENCE PLAN



NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

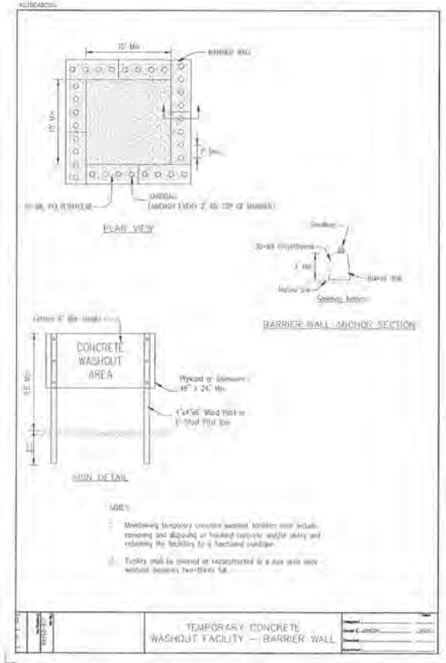
REFERENCE			STANDARD DWG. NO.
Project		NRCS Natural Resources Conservation Service	IL-620
Designed ____ Date ____			SHEET 1 OF 2
Checked ____ Date ____			DATE 11-26-01
Approved ____ Date ____			

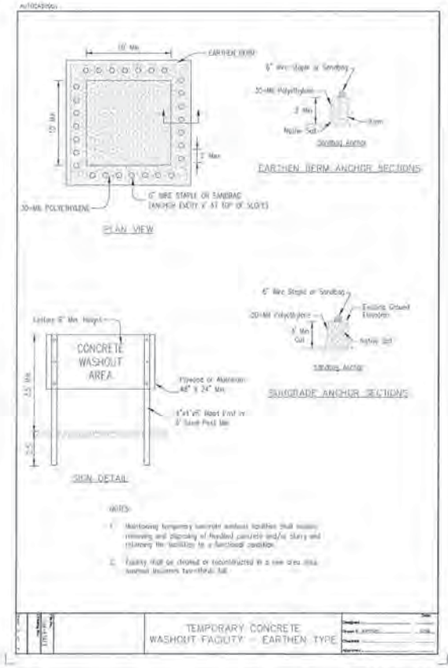
SILT FENCE

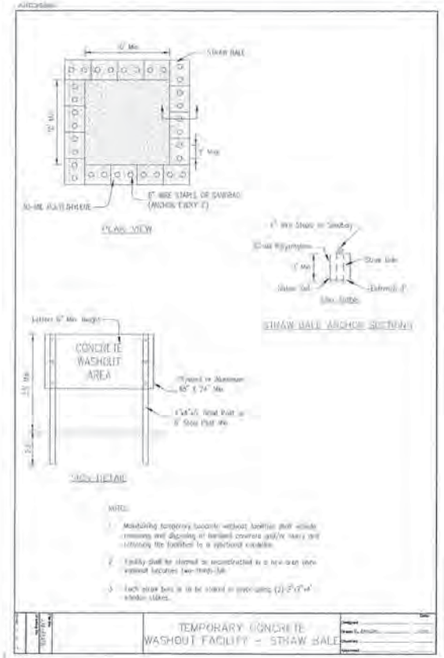


NOTES:
1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE			STANDARD DWG. NO.
Project		NRCS Natural Resources Conservation Service	IL-620(W)
Designed ____ Date ____			SHEET 2 OF 2
Checked ____ Date ____			DATE 1-29-99
Approved ____ Date ____			







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	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
CONSTRUCTION DETAILS

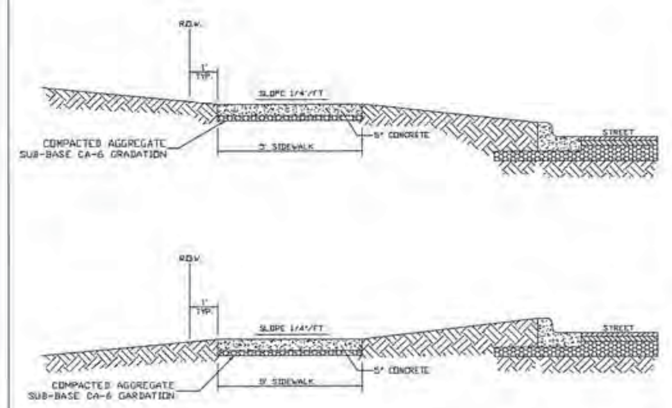
NOT TO SCALE | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	70
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

PLAN — SURVEYED, PLOTTED, PLOTS CHECKED, PT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, PLOTS CHECKED, BM. NOTED, STRUCTURE NOTATING CHKD, NOTE BOOK, NO., BY, DATE

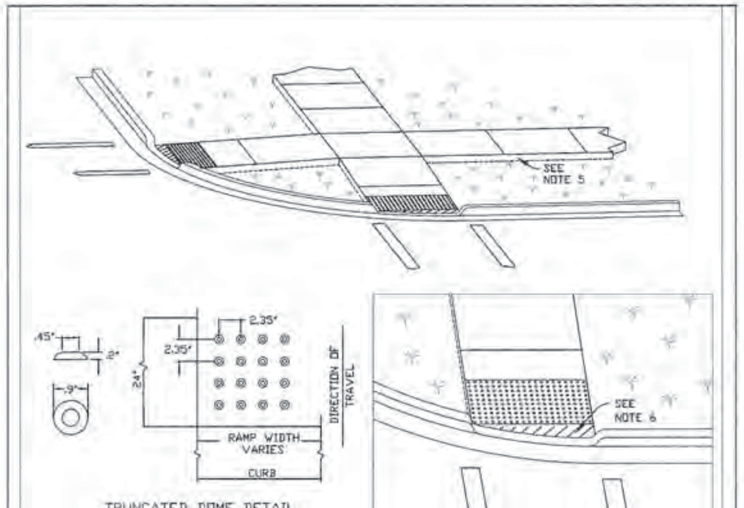
CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
847/823-0500



GENERAL NOTES:

1. CONCRETE SHALL BE CLASS SI.
2. MINIMUM SIDEWALK THICKNESS SHALL BE FIVE INCHES (5").
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE SIX INCHES (6") MINIMUM FOR RESIDENTIAL DRIVEWAYS, AND EIGHT INCHES (8") MINIMUM FOR NON-RESIDENTIAL DRIVEWAYS.
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 6% (1:16).
5. MINIMUM TRANSVERSE SLOPE SHALL BE 1/4"/FT. (2%) TYPICAL. MAXIMUM TRANSVERSE SLOPE SHALL BE NO GREATER THAN 1/2"/FT. (4%) TYPICAL.
6. A TWO INCH (2") MINIMUM AGGREGATE SUB-BASE (CA-6 GRADATION) SHALL BE PROVIDED (FOUR INCHES (4" MINIMUM) THROUGH NON-RESIDENTIAL DRIVEWAYS).
7. AGGREGATE SUB-BASE COURSE SHALL BE MECHANICALLY COMPACTED.
8. ALL SIDEWALK SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.

REV:	REV:	SIDEWALK	VILLAGE OF LOMBARD
REV: ERH	REV: 3-26-99		
DRAWN BY: VJGL	DATE: 2-16-98		PAVEMENT 2

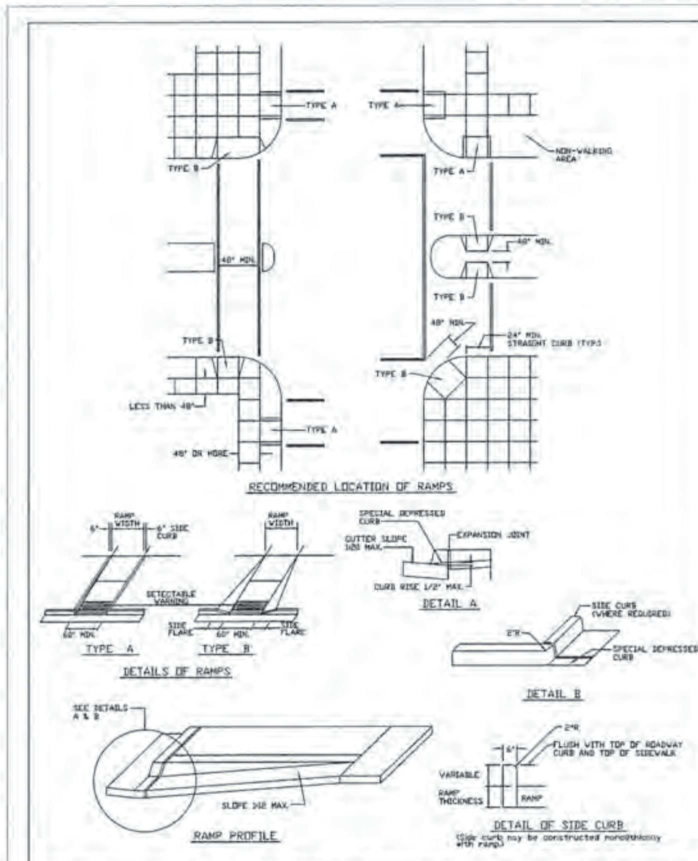


TRUNCATED DOME DETAIL
FOR PUBLIC RIGHT-OF-WAY

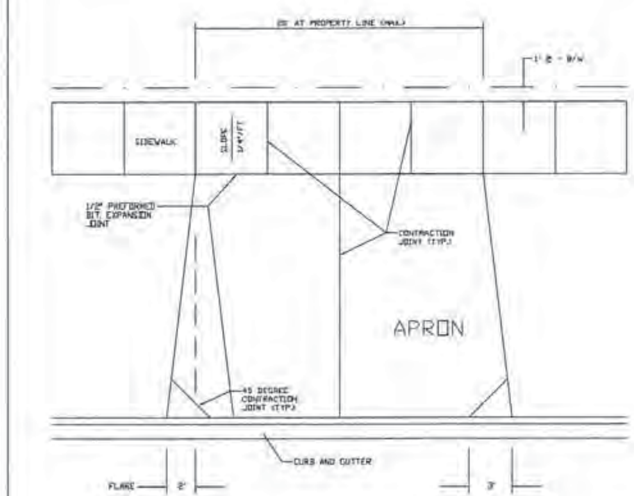
GENERAL NOTES:

1. RAMPS SHALL BE LOCATED AS SHOWN ON THE PLANS IN ALIGNMENT WITH NORMAL SIDEWALK AND/OR CROSSWALK AND SHALL HAVE SUFFICIENT CURB LENGTH AT CORNER RADIUS TO PREVENT VEHICULAR ENCROACHMENT.
2. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
3. THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10. HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 48 INCHES, THE MAXIMUM SLOPE SHALL BE 1:12.
4. RAMPS SHALL BE CONSTRUCTED OF P.C. CONCRETE IN ACCORDANCE WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". DETECTABLE WARNING SURFACE SHALL BE A 2 FOOT BY 5 FOOT SECTION CONSISTING OF TRUNCATED DOMES ALIGNED IN A SQUARE (PARALLEL ALIGNMENT) PATTERN. DETECTABLE WARNINGS SHALL BE SET BACK A MINIMUM OF 6 INCHES FROM THE FRONT OF CURB. THE TYPE OF DETECTABLE WARNING PRODUCT SHALL BE SPECIFIED IN THE CONTRACT DOCUMENTS.
5. THICKNESS OF RAMPS WILL BE THE SAME AS THE ADJACENT SIDEWALK WITH A MINIMUM OF 5 INCHES. THICKNESS OF SIDEWALKS THROUGH RESIDENTIAL DRIVEWAYS SHALL BE A MINIMUM OF 6 INCHES. COMMERCIAL DRIVEWAYS SHALL BE A MINIMUM OF 8 INCHES.
6. UNLESS CURB RAMP IS ALIGNED PERPENDICULAR TO THE STREET RADIUS, AN AREA OF SPECIAL SHAPING MUST BE PROVIDED AT THE BOTTOM OF THE RAMP. THIS AREA SHALL ALLOW THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO BE PERPENDICULAR TO THE RAMP AND SHALL PROVIDE A SMOOTH TRANSITION TO THE GUTTER LINE FOR WHEELCHAIR ACCESS. NO CURB LIP ALLOWED IN THIS AREA. MAXIMUM CROSS SLOPE SHALL BE 2%.

REV: AKL	REV: 2-28-12	HANDICAPPED SIDEWALK RAMP	VILLAGE OF LOMBARD
REV: ERB	REV: 4-28-05		
DRAWN BY: VJGL	DATE: 2-16-98		PAVEMENT 3A



REV: KDH	REV: 2-28-2012	HANDICAPPED SIDEWALK RAMP (CONTINUED)	VILLAGE OF LOMBARD
REV: ERB	REV: 1-10-05		
DRAWN BY: VJGL	DATE: 2-16-98		PAVEMENT 3B



GENERAL NOTES:

1. APRONS SHALL NOT EXCEED 20 FEET IN WIDTH MEASURED AT THE RIGHT-OF-WAY LINE.
2. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
3. MINIMUM THICKNESS FOR APRONS: 6" P.C. CONCRETE ON 2" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION), OR 3" BITUMINOUS SURFACE ON 6" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION).
4. SIDEWALK SHALL EXTEND THROUGH THE DRIVEWAY.
5. DRIVEWAYS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 8%.
6. DRIVEWAY APRONS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 5%.
7. PATCHES ARE NOT ALLOWED IN NEW APRONS.

REV:	REV:	RESIDENTIAL DRIVEWAY APRON	VILLAGE OF LOMBARD
REV: ERH	REV: 3-20-99		
DRAWN BY: VJGL	DATE: 2-16-98		PAVEMENT 6

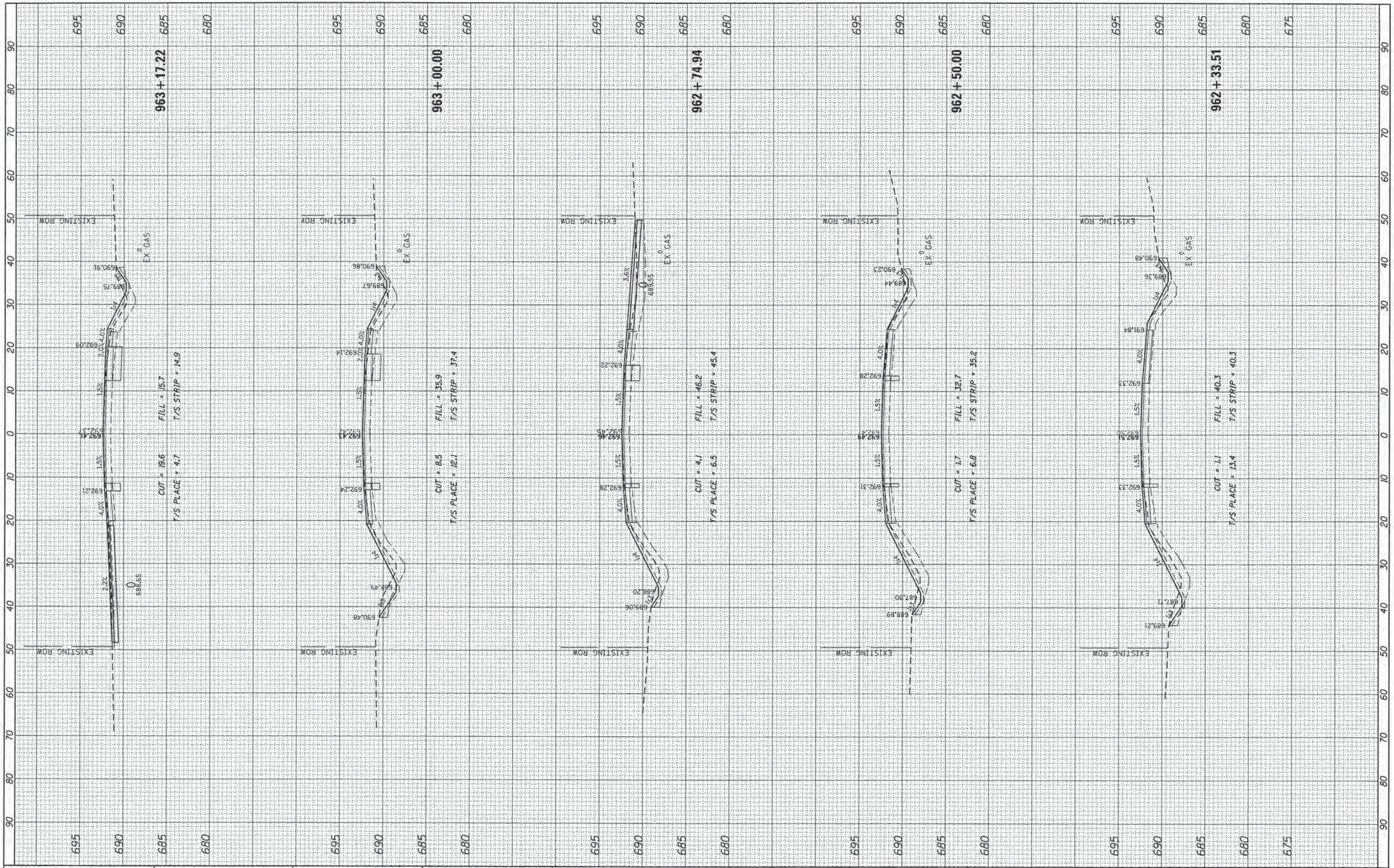
FILE NAME = N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-Detail-03.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53 AT MADISON ST
CONSTRUCTION DETAILS

NOT TO SCALE | SHEET 3 OF 3 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	71
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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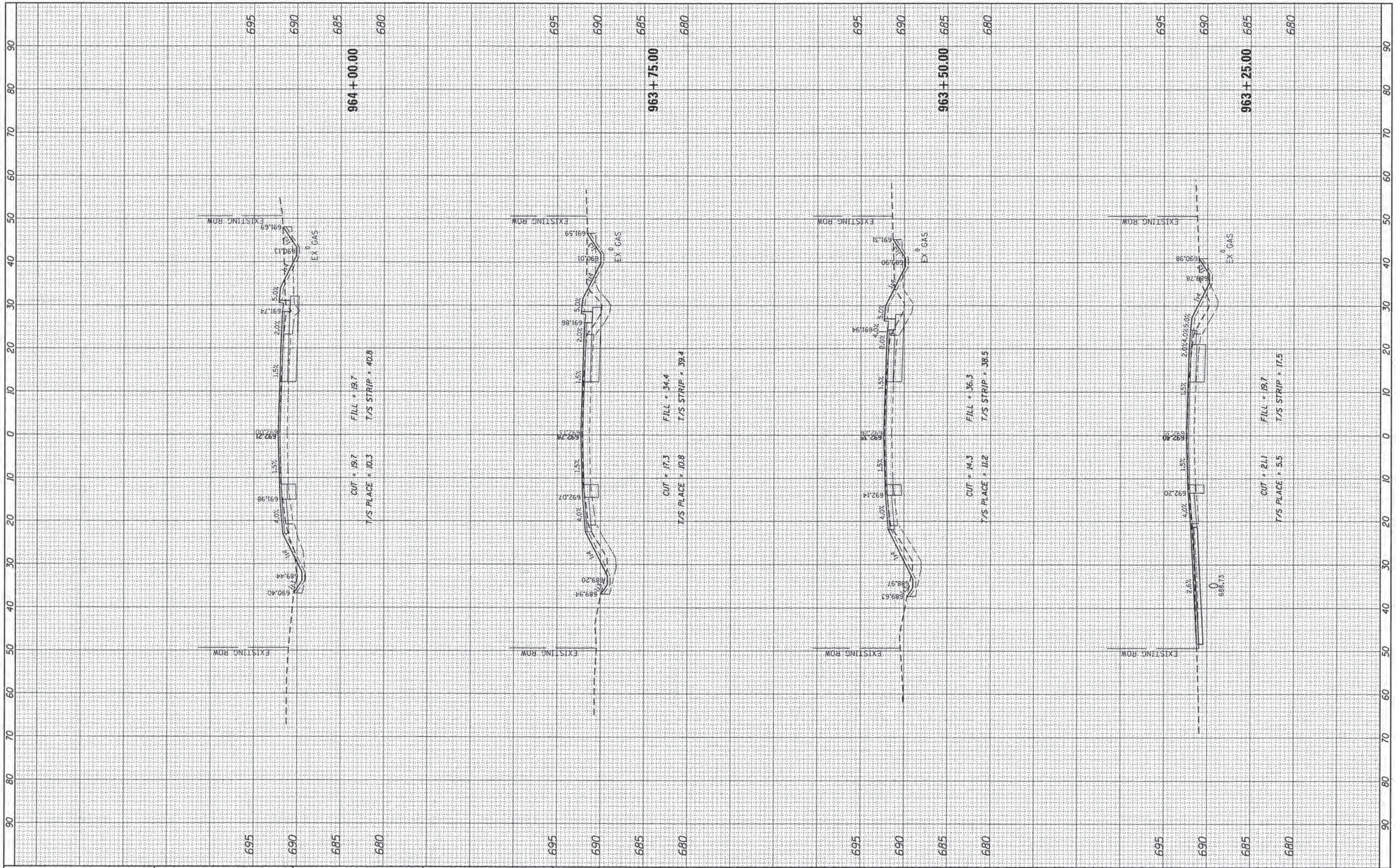
		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 962+33.51 TO STA. 963+17.22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	72
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		



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

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

FILE NAME = N:\Lombard\110152.00002\CADD.Sheets\D161A54-sht-xssht-01.dgn	USER NAME = jsitrick	DESIGNED - VMR	REVISED -
		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

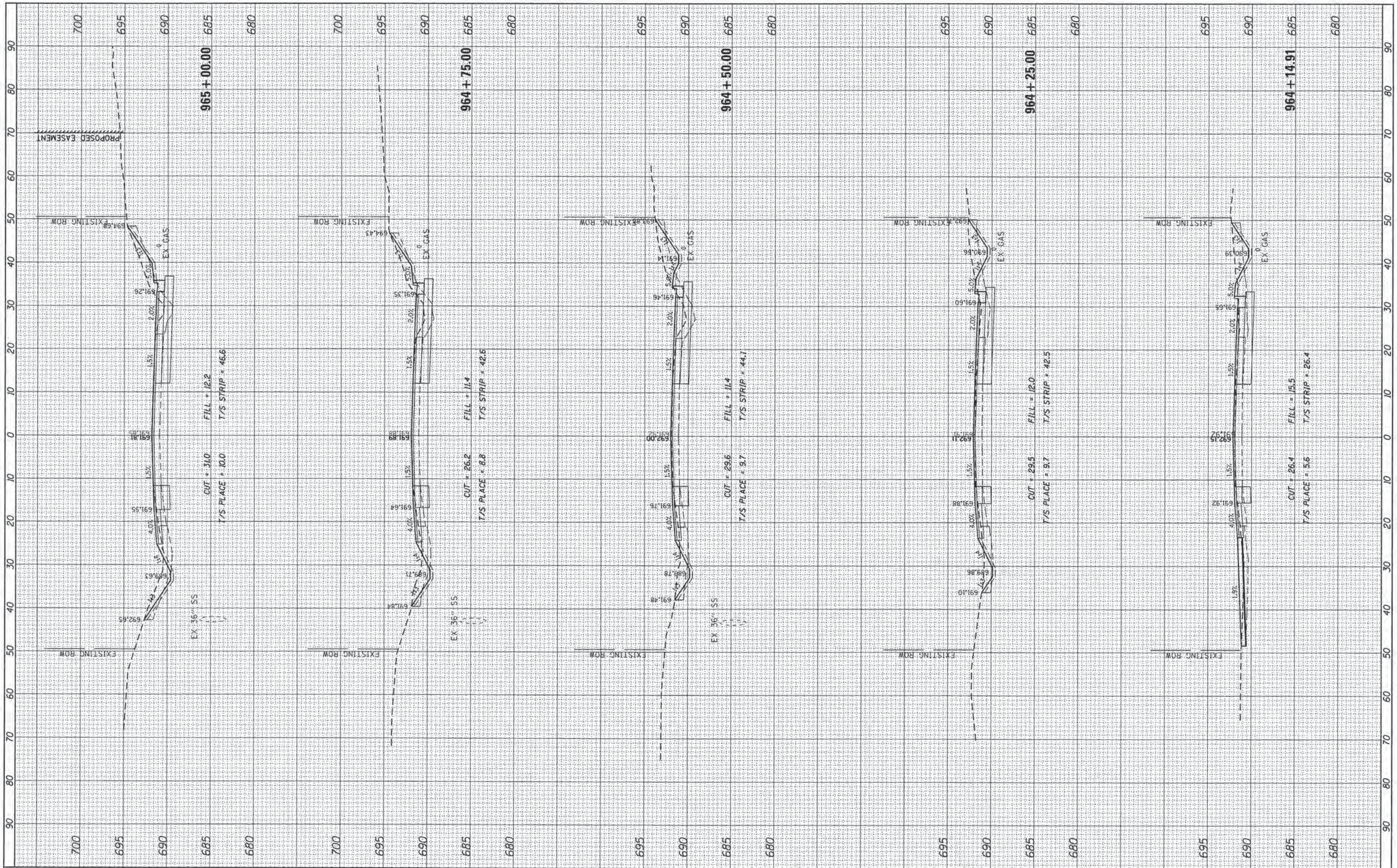
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 963+25.00 TO STA. 964+12.75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	73
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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N:\Lombard\118152.00002\CADD_Sheets\D161A54-sht-xssht-01.dgn		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JCS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

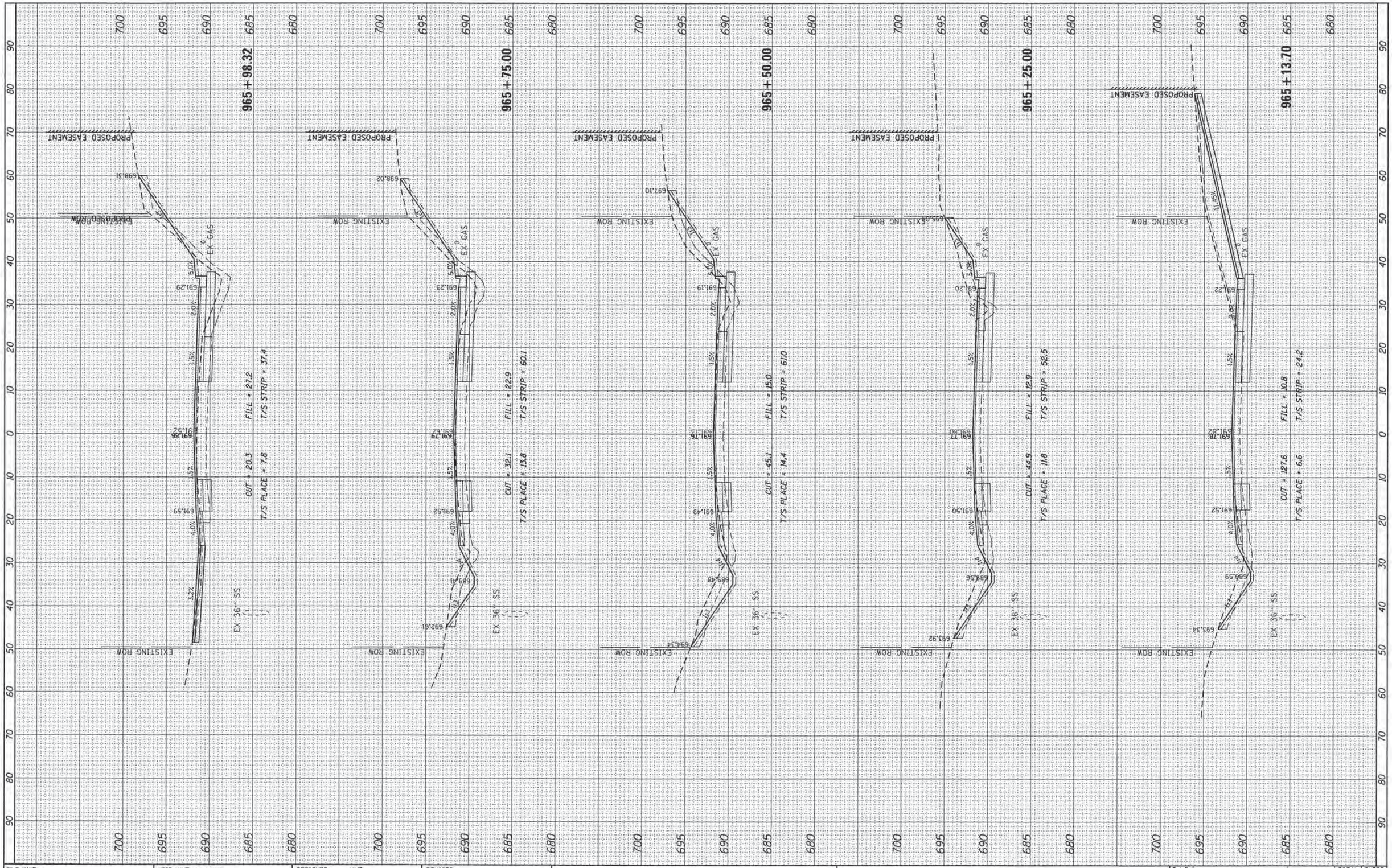
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 964+14.91 TO STA. 965+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	74
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

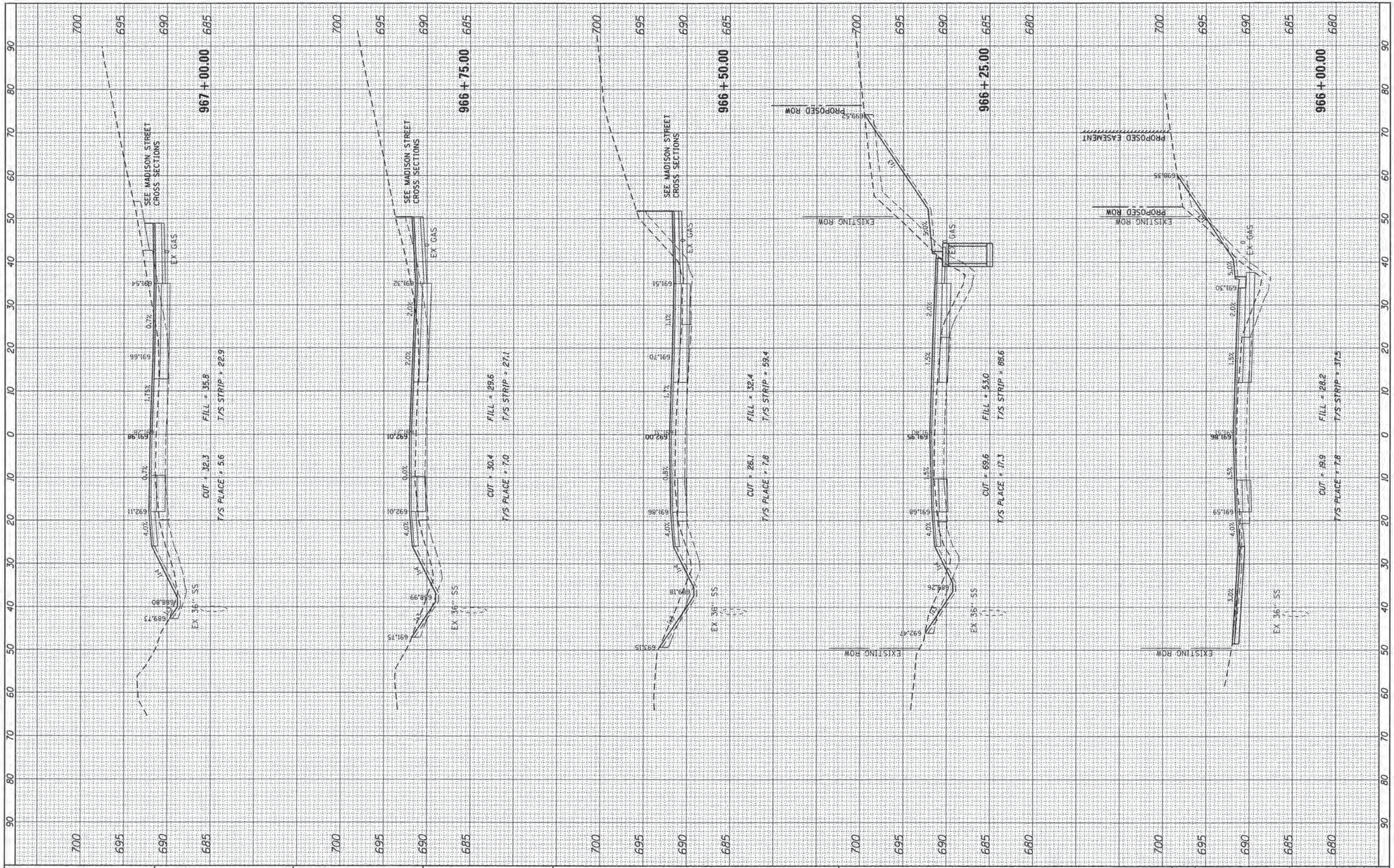
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 965+13.70 TO STA. 965+98.32

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	75
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		

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

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



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N:\Lombard\110152.00002\CADD\Sheets\D161A54-sht-xssht-01.dgn		DRAWN - PMM	REVISED -
Default	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

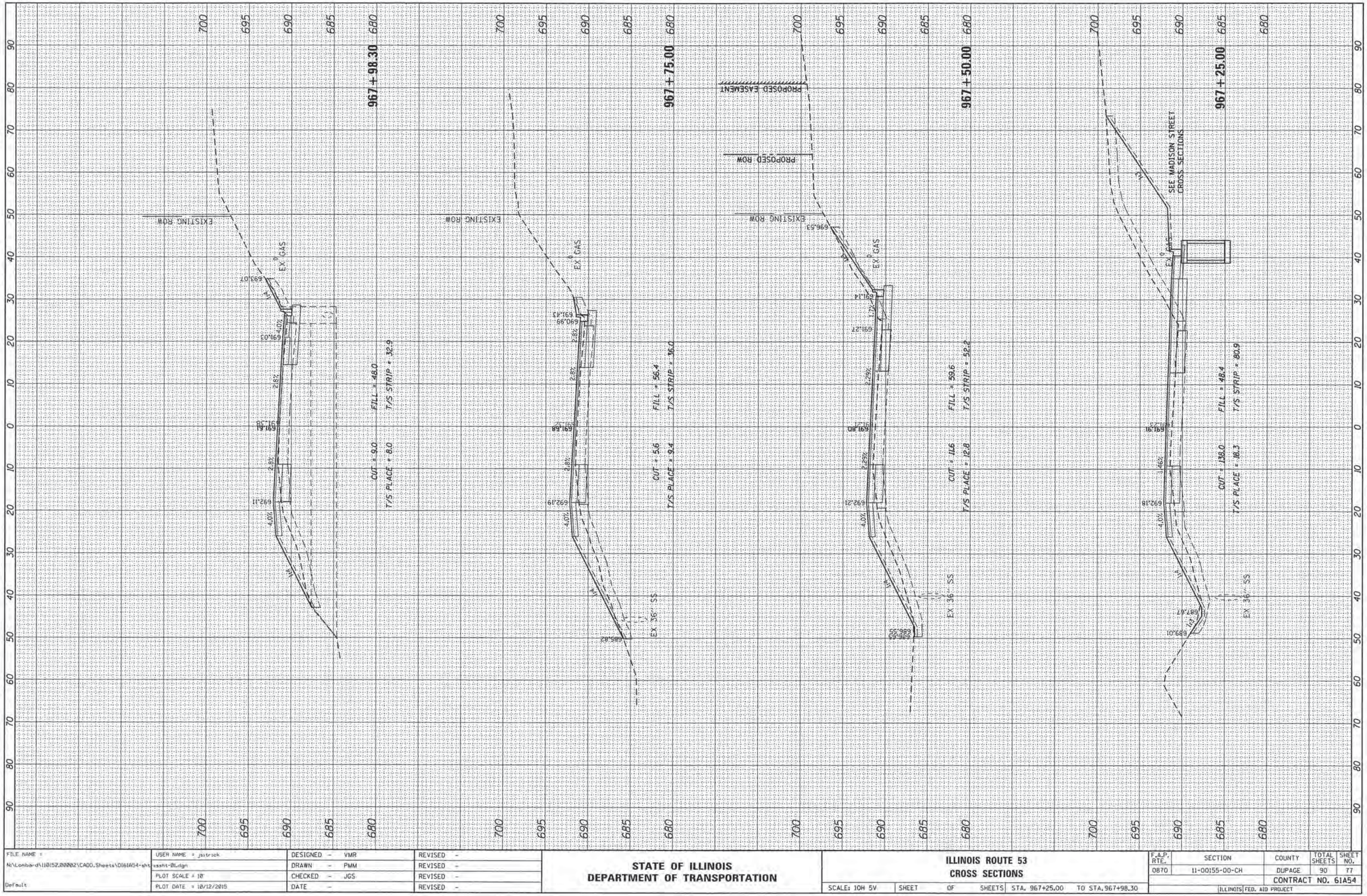
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 966+00.00 TO STA. 967+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	76
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		

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

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



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Default	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

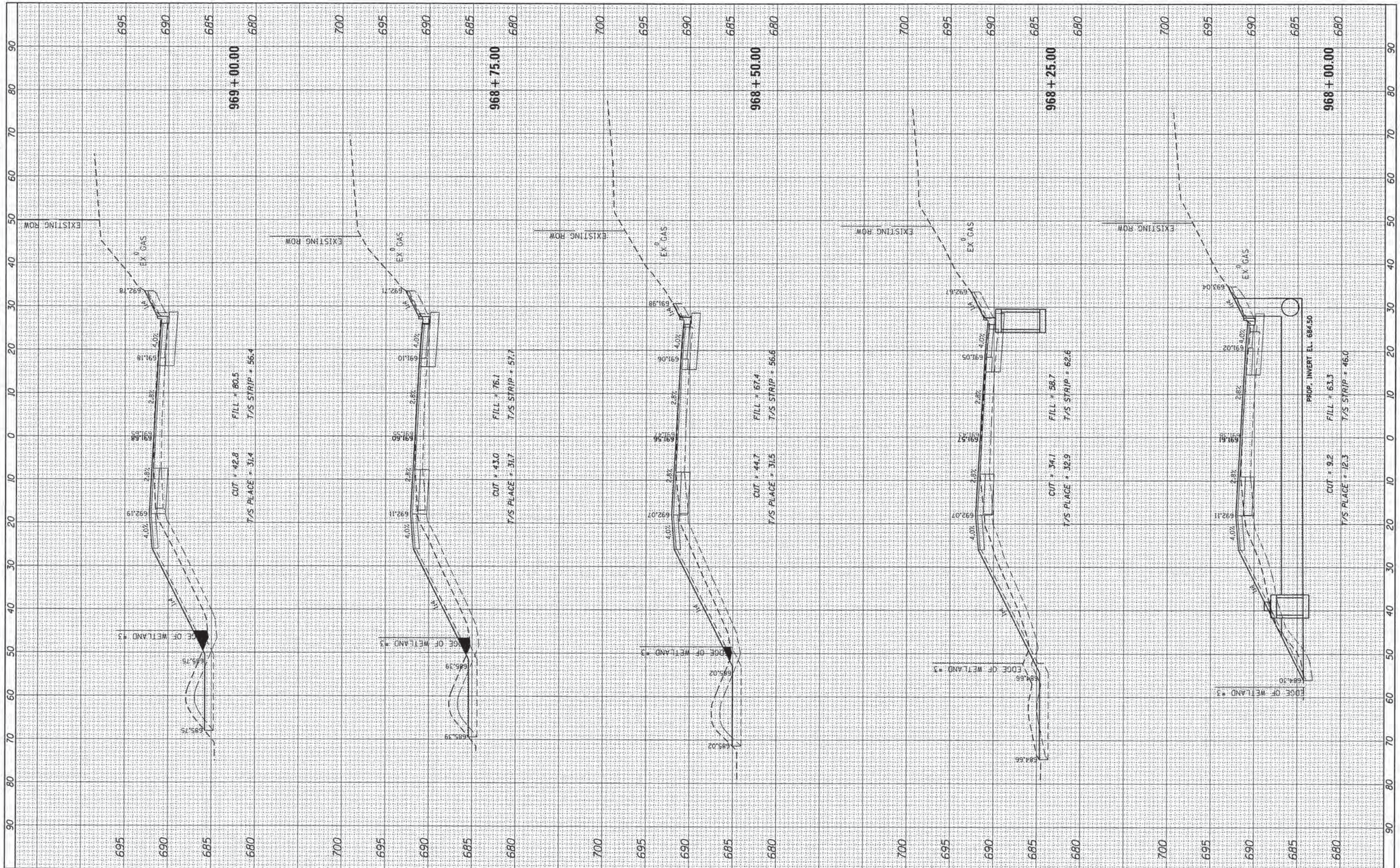
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 967+25.00 TO STA. 967+98.30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	77
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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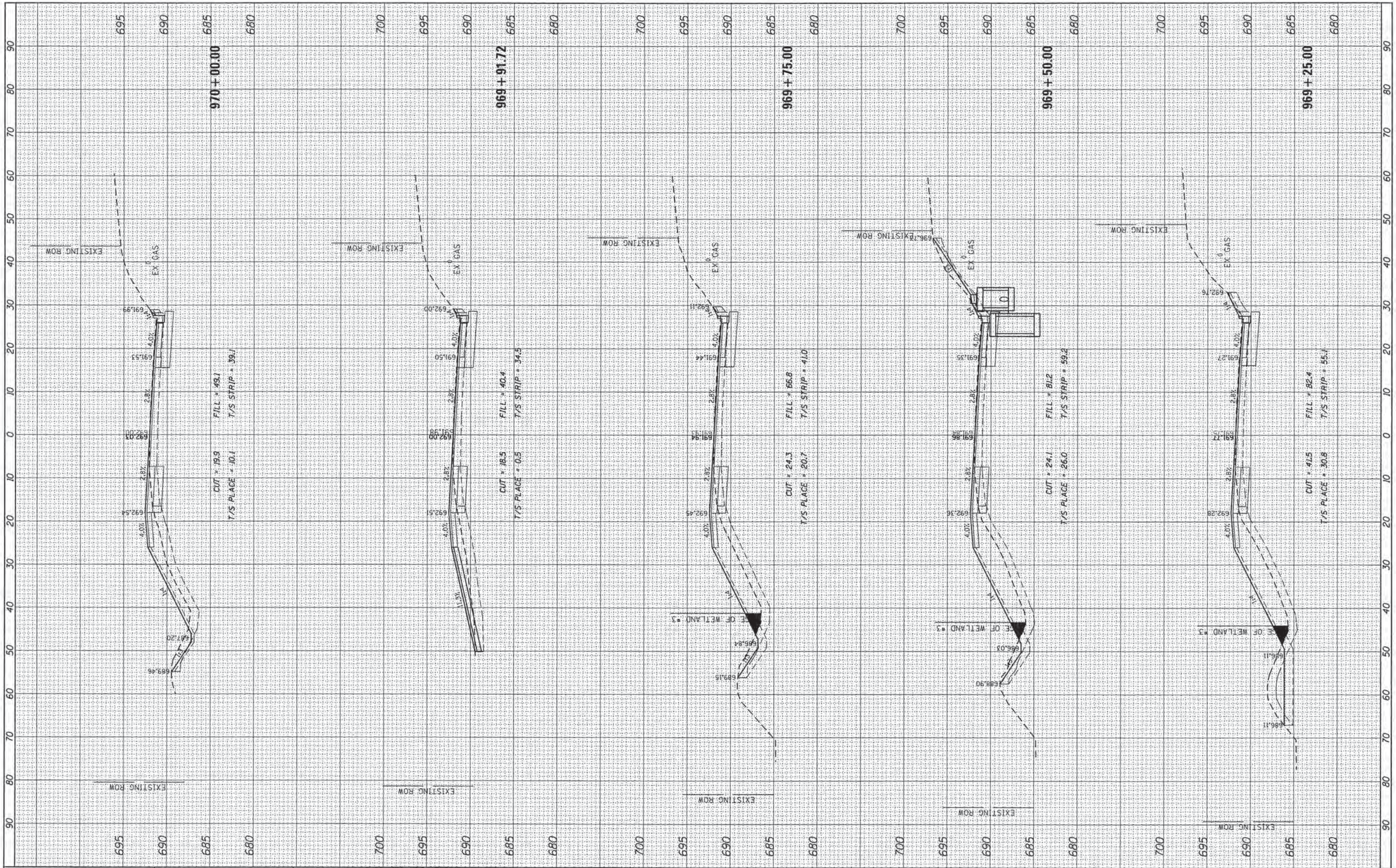
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 968+00.00 TO STA. 969+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	78
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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		CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 969+25.00 TO STA. 970+00.00

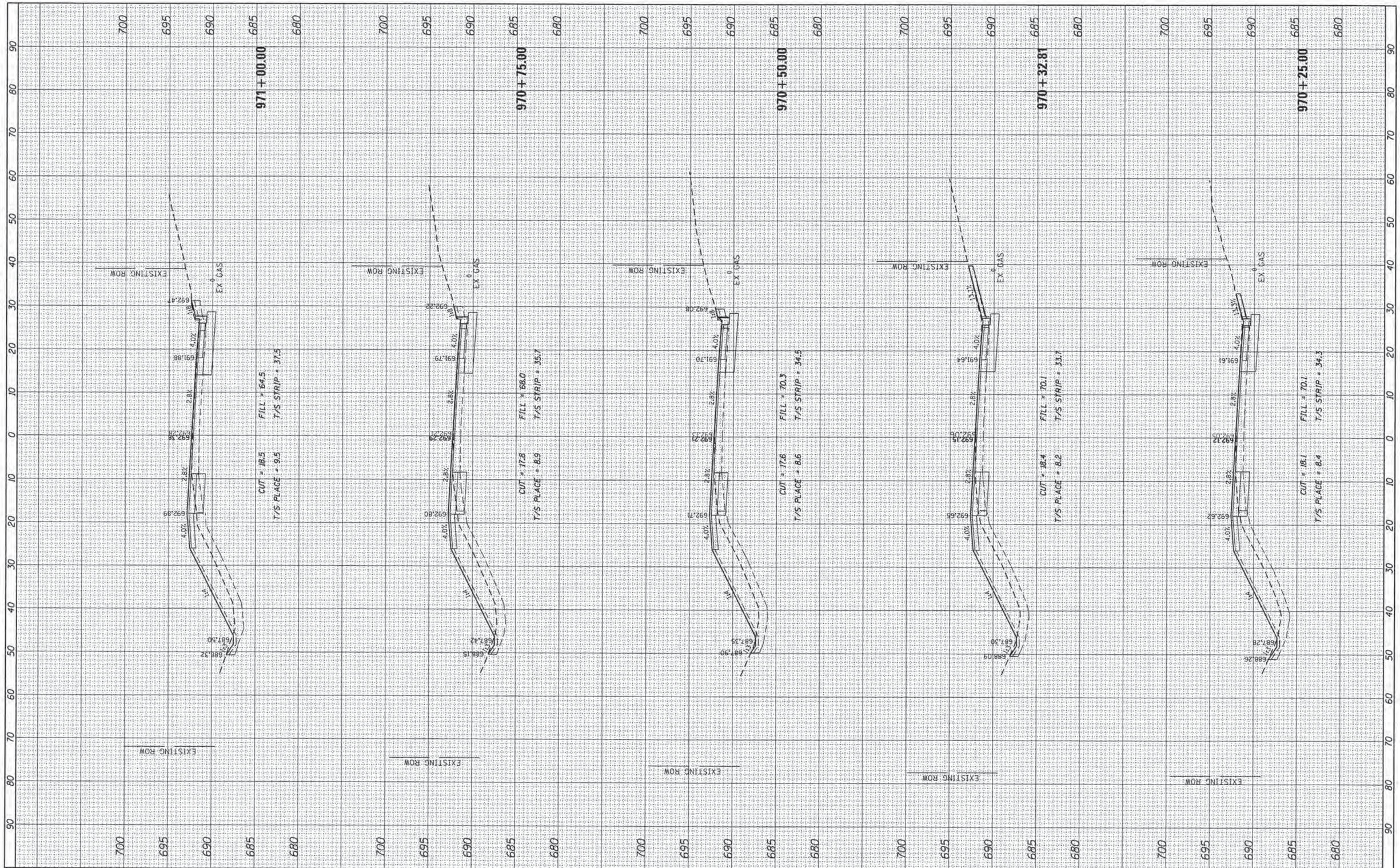
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	79

CONTRACT NO. 61A54

ILLINOIS FED. AID PROJECT

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

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



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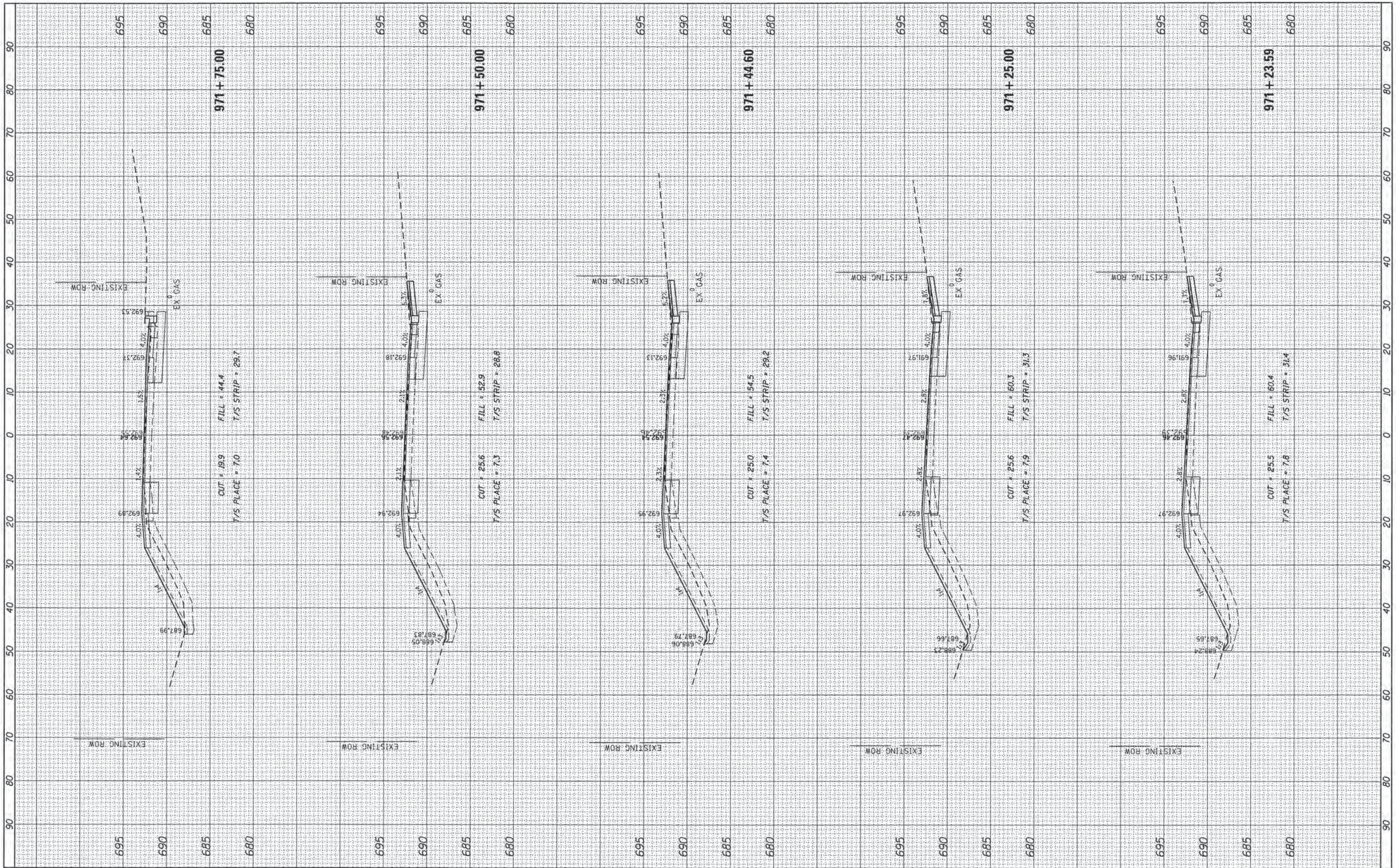
Default	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 970+25.00 TO STA. 971+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	80
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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Default	PLOT DATE = 10/12/2015	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 971+23.59 TO STA. 971+75.00

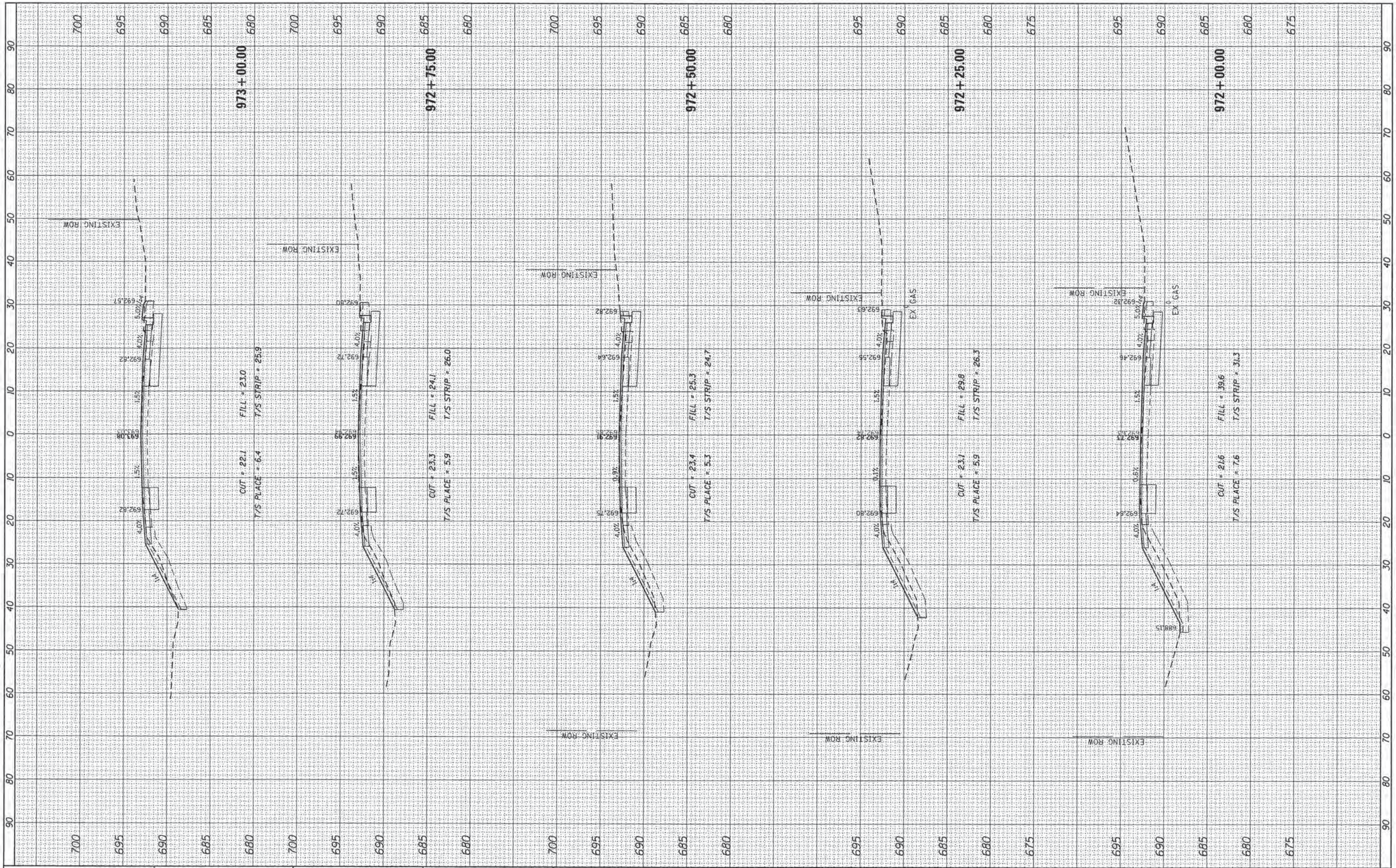
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	81

CONTRACT NO. 61A54

ILLINOIS FED. AID PROJECT

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

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



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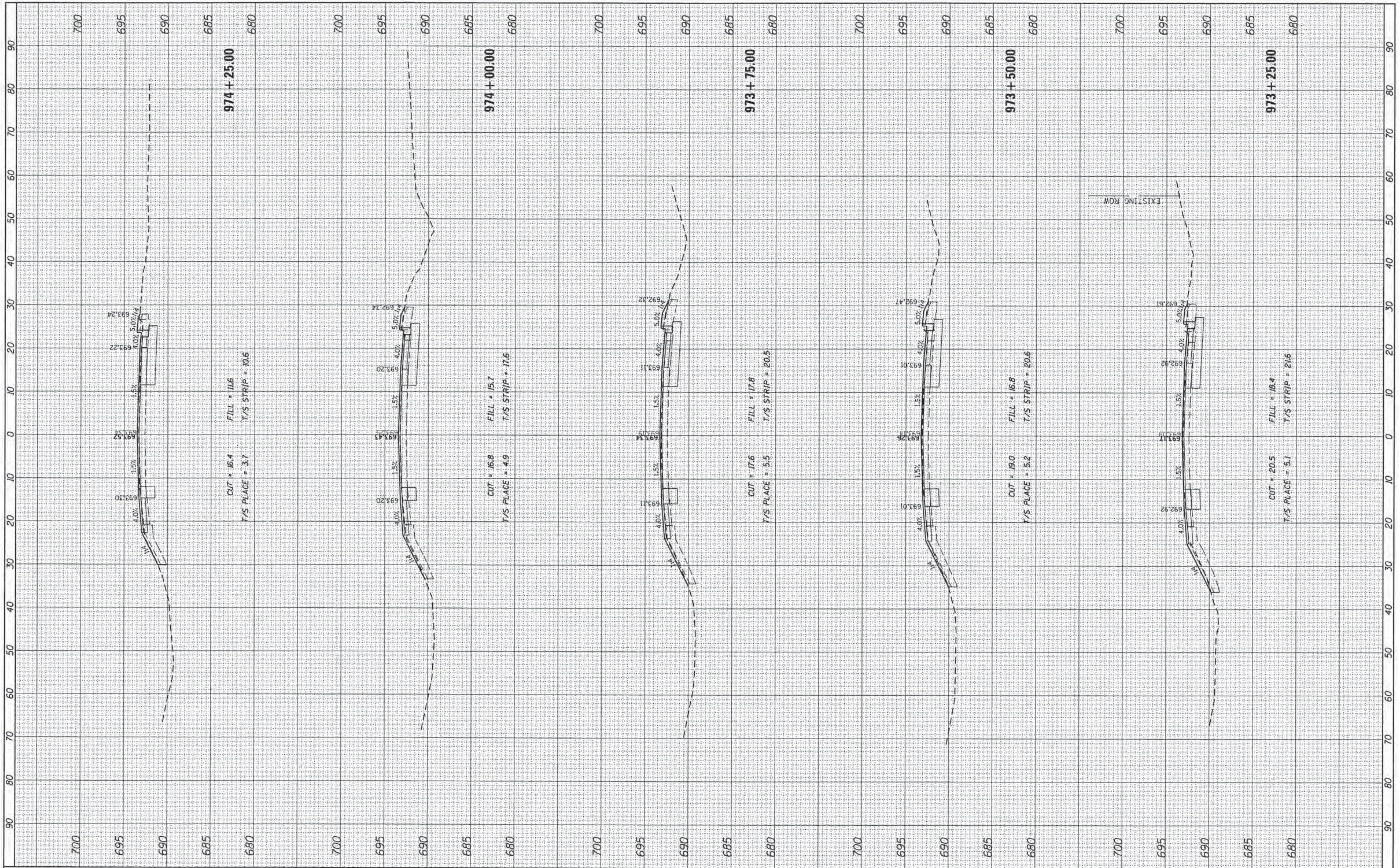
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 972+00.00 TO STA. 973+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	82
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			



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		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

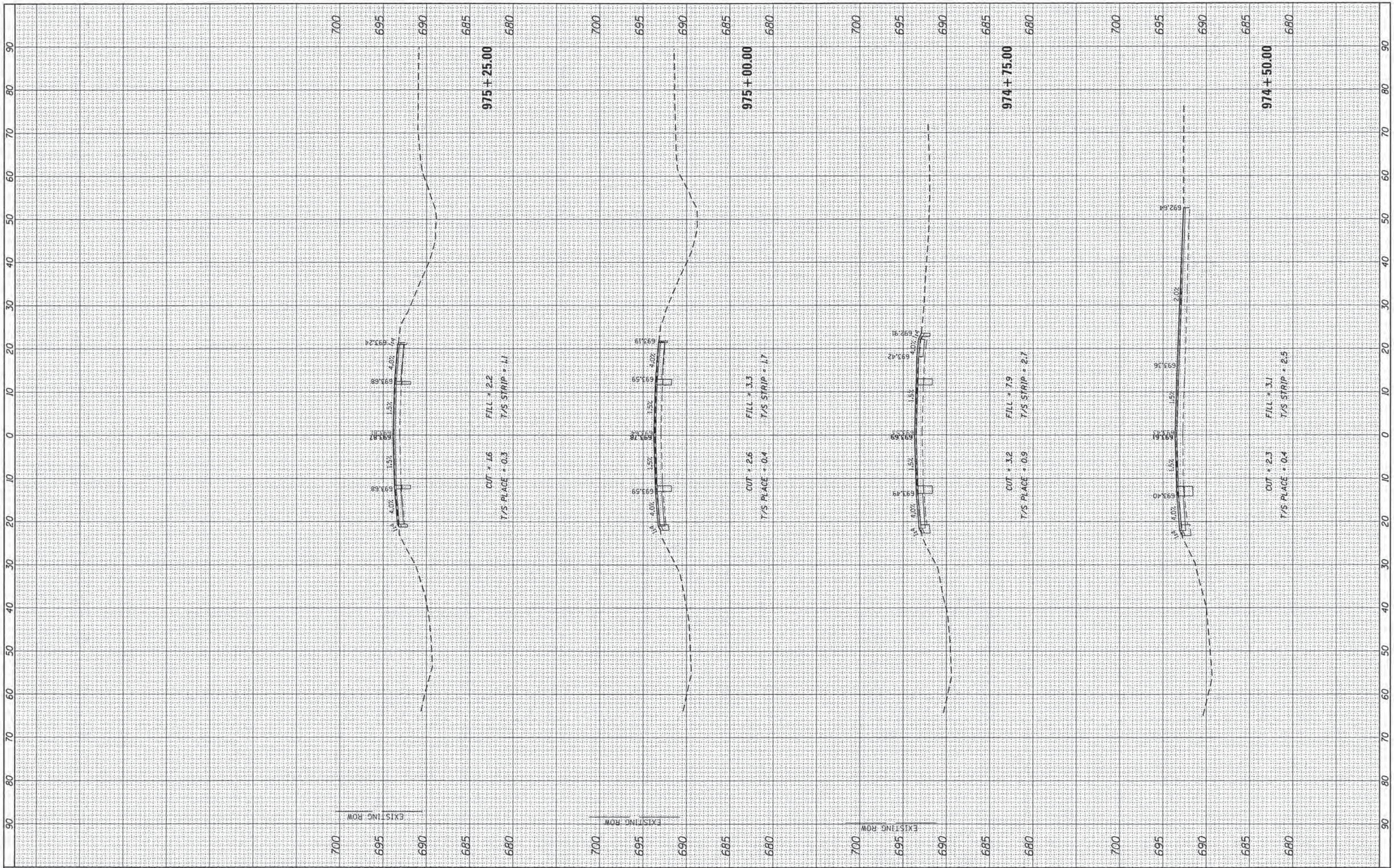
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 973+25.00 TO STA. 974+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	83
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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		DRAWN - PMM	REVISED -
	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

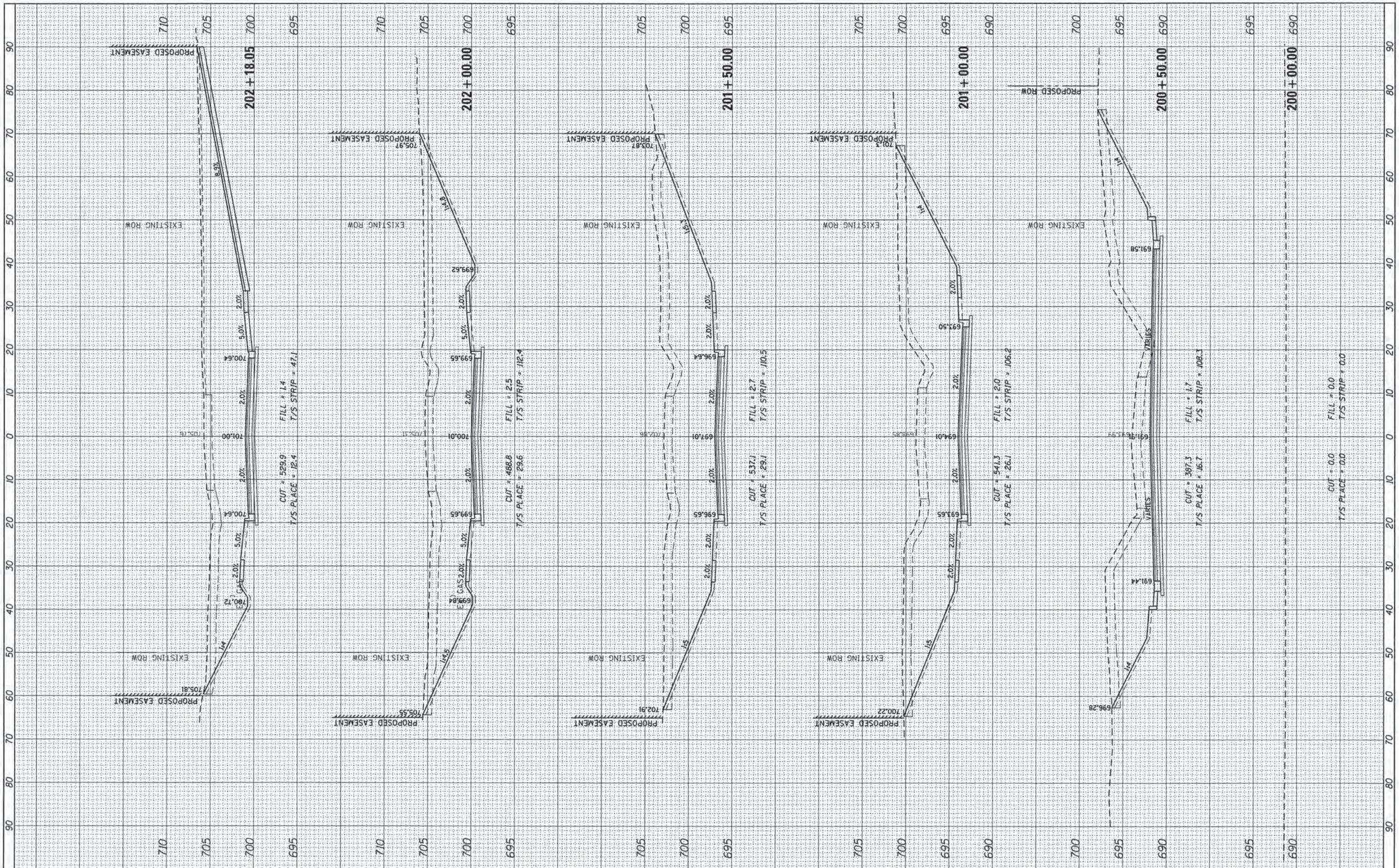
ILLINOIS ROUTE 53
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 974+50.00 TO STA. 975+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0870	11-00155-00-CH	DUPAGE	90	84
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

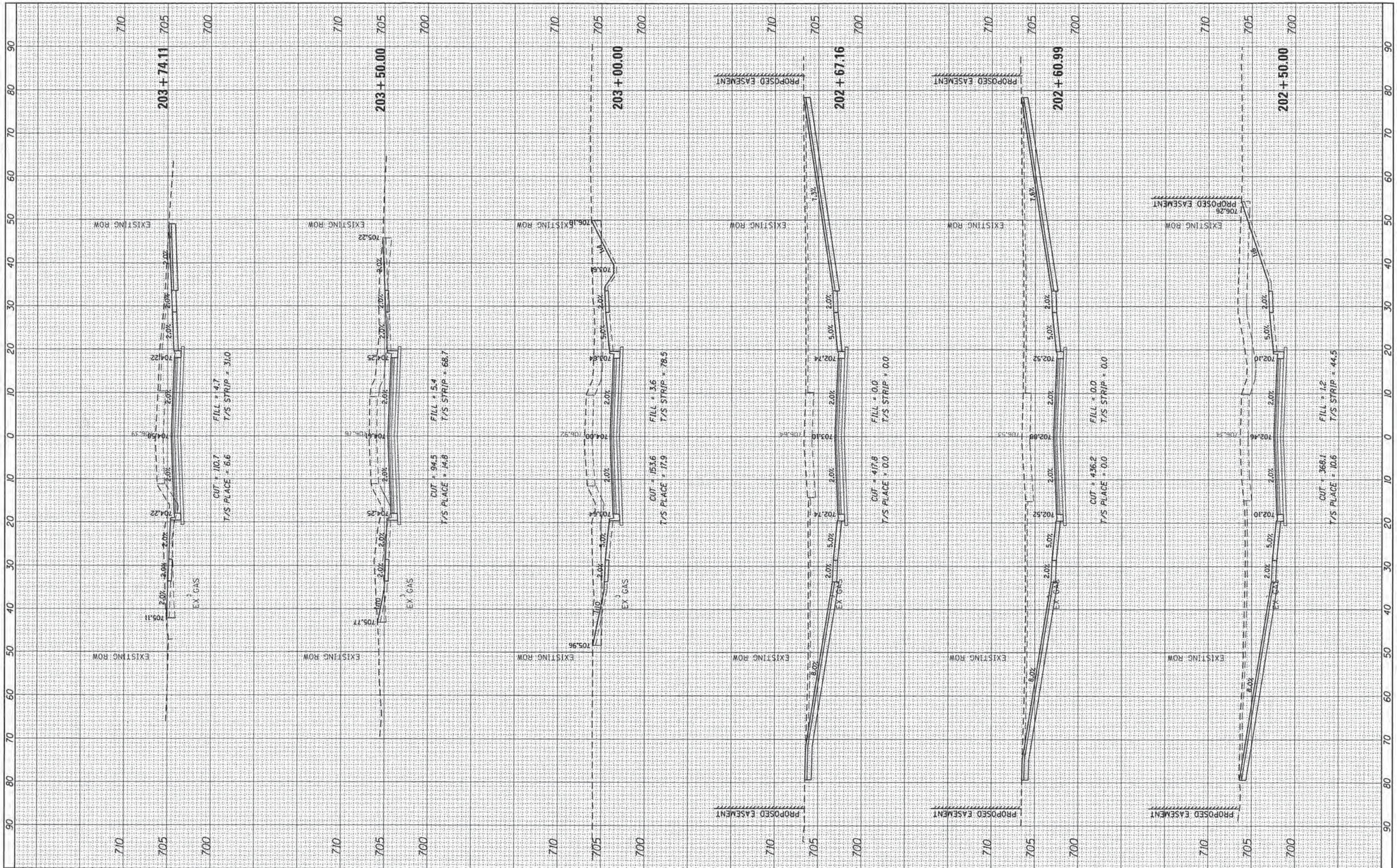
MADISON STREET
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 200+00.00 TO STA. 202+18.05

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	85
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

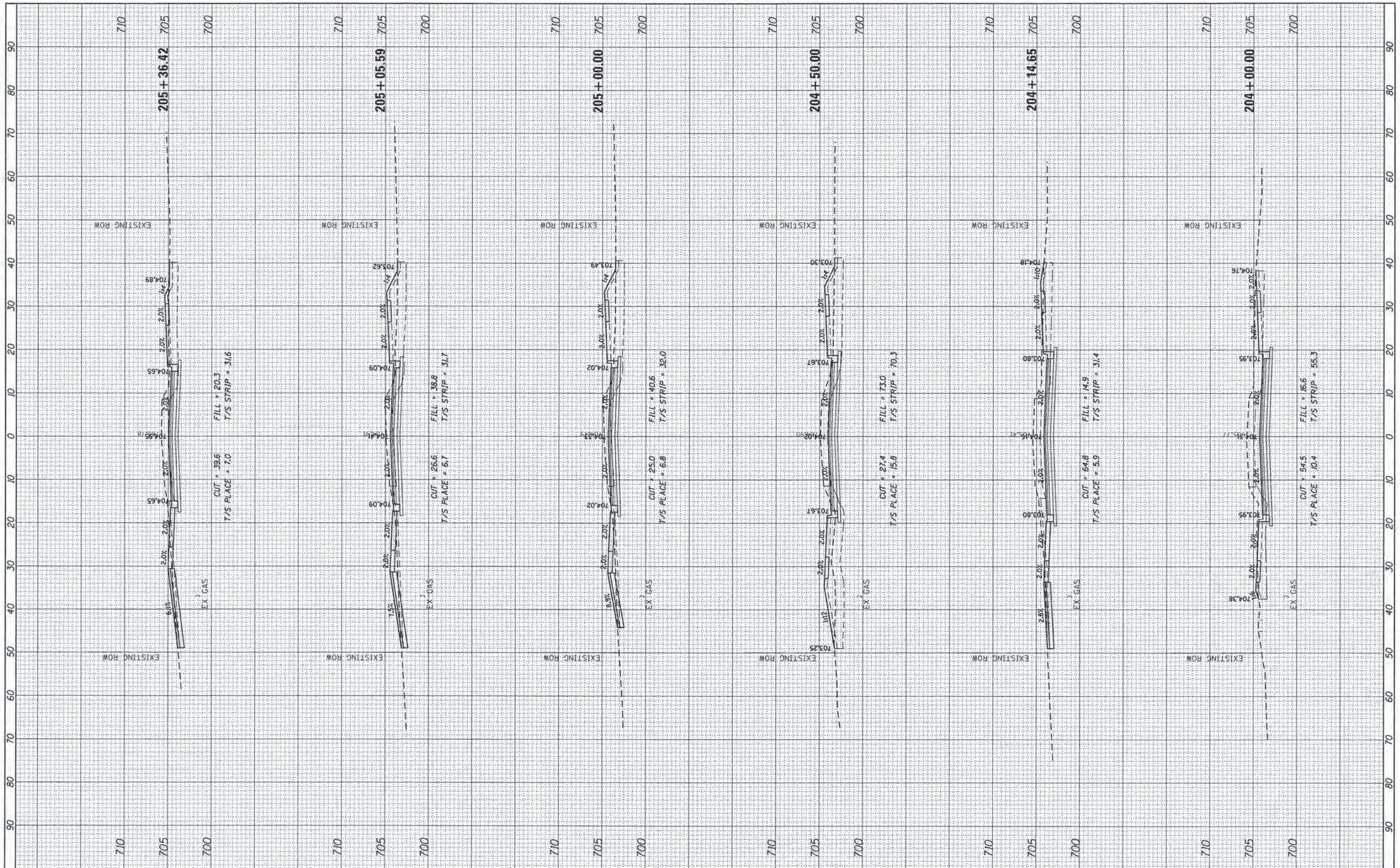
MADISON STREET
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 202+50.00 TO STA. 203+74.11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	86
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

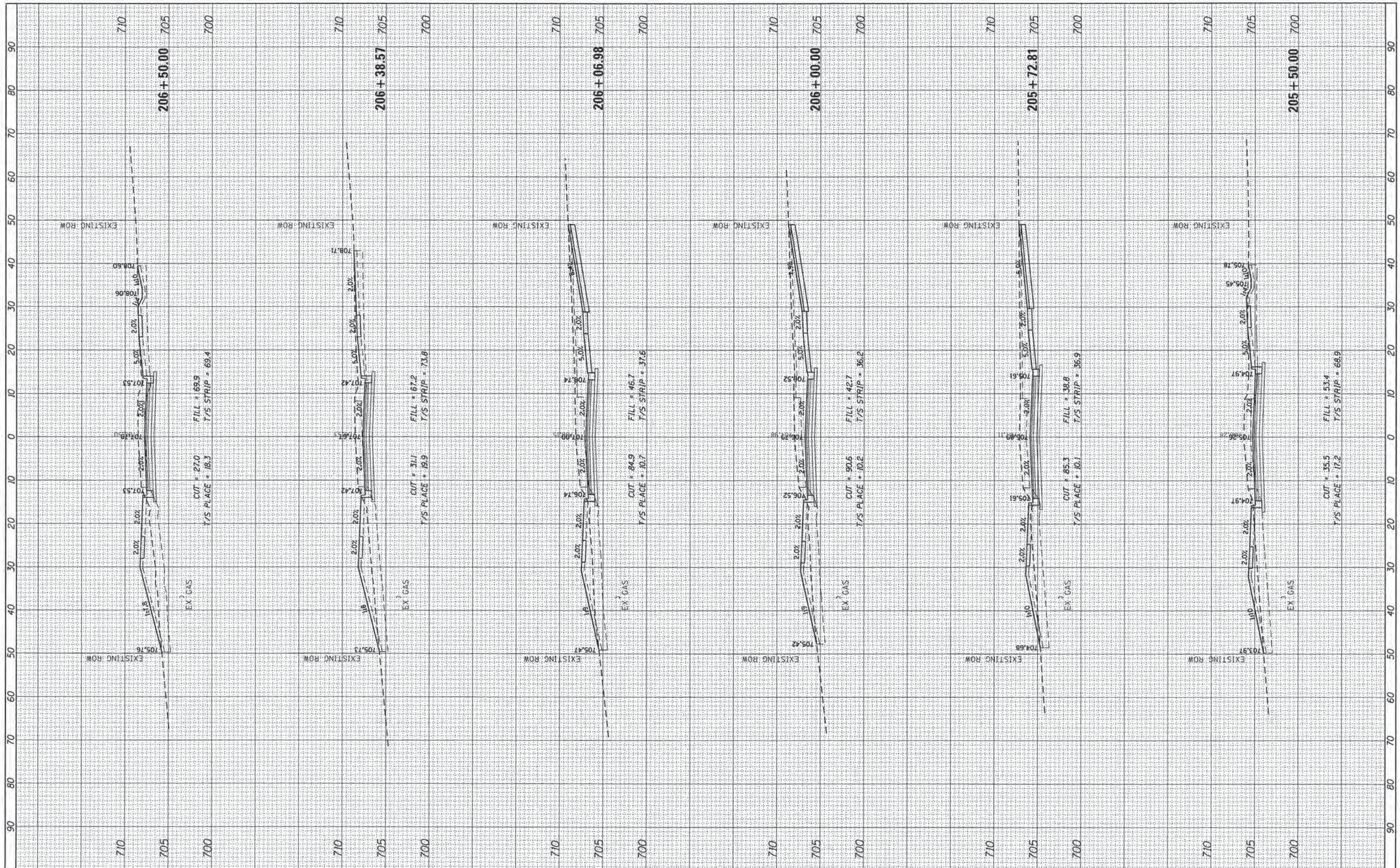
MADISON STREET
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 204+00.00 TO STA. 205+36.42

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	87
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			

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

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



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	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 10/12/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

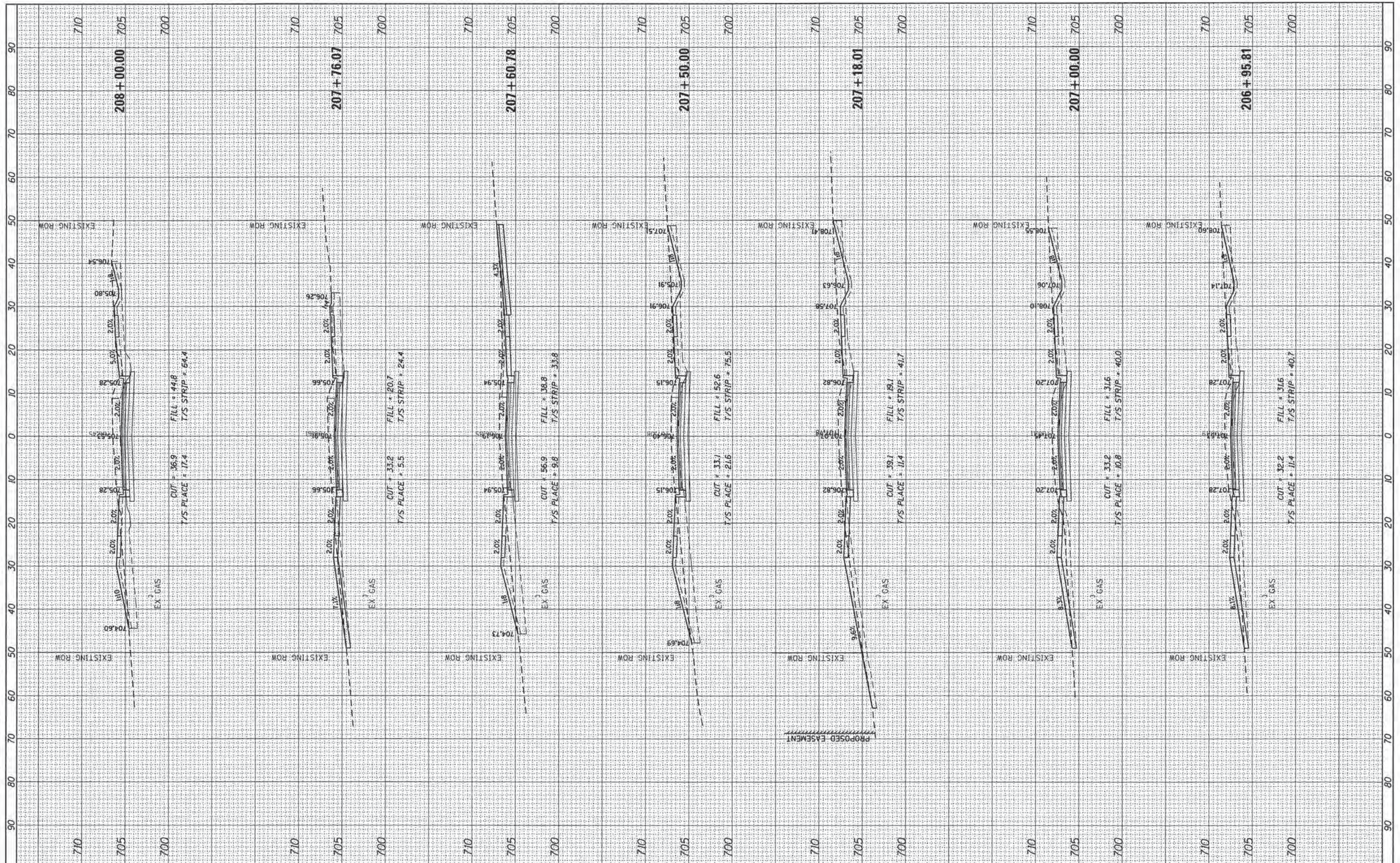
MADISON STREET
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 205+50.00 TO STA. 206+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	88
		CONTRACT NO. 61A54		
	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME =	USER NAME = jaitsak	DESIGNED - VMR	REVISED -
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	PLOT SCALE = 10'	CHECKED - JGS	REVISED -
Default	PLOT DATE = 3/11/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

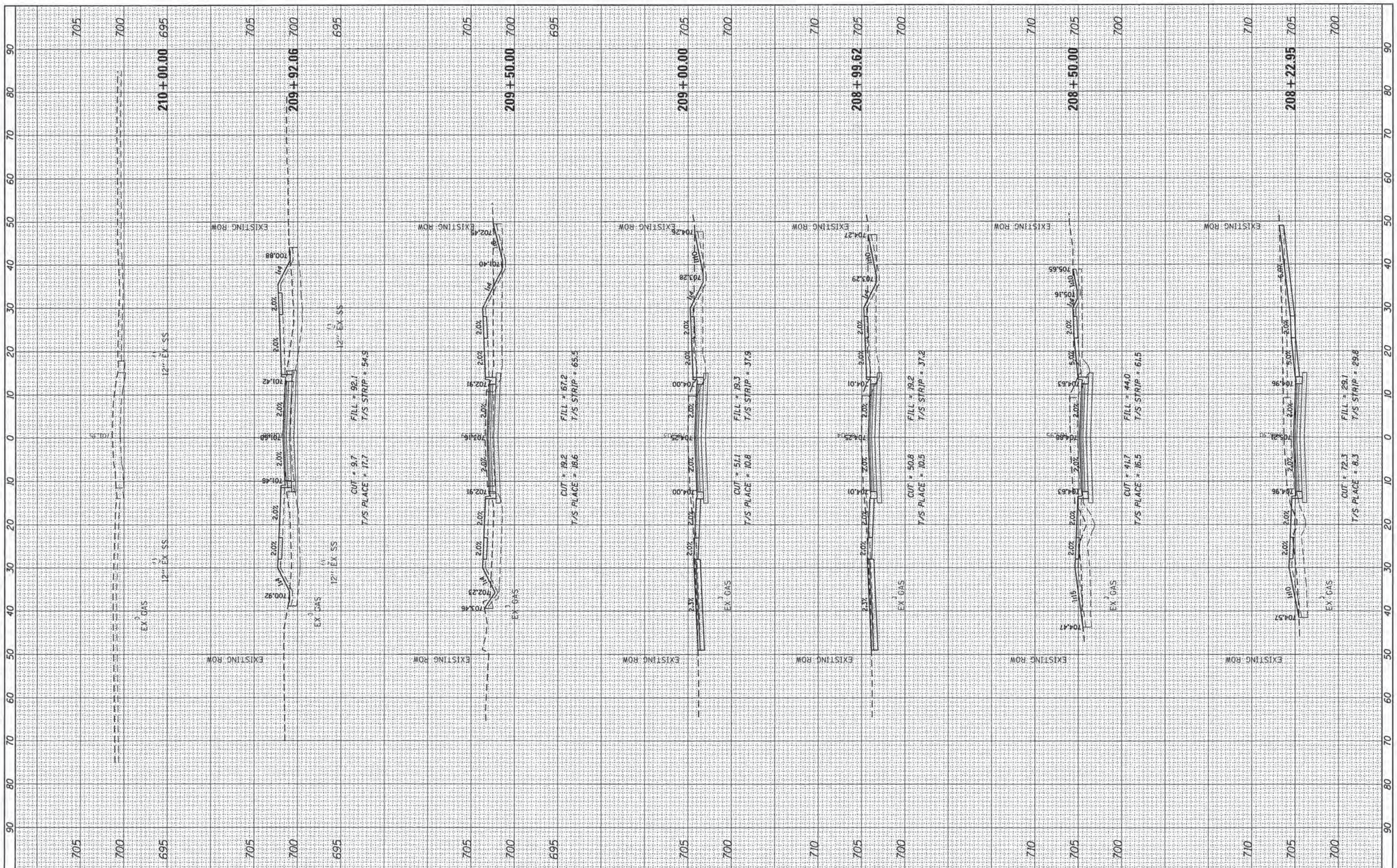
MADISON STREET
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 206+95.81 TO STA. 208+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	89
		CONTRACT NO. 61A54		
		ILLINOIS FED. AID PROJECT		

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

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



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	PLOT SCALE = 10'	DRAWN - PMM	REVISED -
Default	PLOT DATE = 3/11/2016	CHECKED - JGS	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MADISON STREET
CROSS SECTIONS

SCALE: 10H 5V | SHEET OF SHEETS | STA. 208+22.95 TO STA. 210+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1426	11-00155-00-CH	DUPAGE	90	90
		CONTRACT NO. 61A54		
	ILLINOIS FED. AID PROJECT			