

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3 - 14 SUMMARY OF QUANTITIES
- 15 - 16 EXISTING TYPICAL SECTIONS
- 17 - 18 PROPOSED TYPICAL SECTIONS
- 19 - 24 SCHEDULE OF QUANTITIES
- 25 ALIGNMENTS, TIES, AND BENCHMARKS
- 26 - 27 REMOVAL PLANS
- 28 - 31 ROADWAY PLANS AND PROFILES
- 32 - 55 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
- 56 - 57 EROSION CONTROL AND LANDSCAPING PLANS
- 58 - 61 DRAINAGE PLANS AND PROFILES
- 62 - 63 UTILITY PLANS
- 64 - 65 RIGHT-OF-WAY PLANS
- 66 - 67 INTERSECTION DETAILS
- 68 SIDEWALK PLAN AND PROFILE
- 69 - 72 SIGNING AND PAVEMENT MARKING PLANS
- 73 - 79 TRAFFIC SIGNAL AND LIGHTING PLANS
- 80 - 85 SOIL BORING DETAILS
- 86 - 93 DISTRICT 3 DETAILS
- 94 - 98 CONSTRUCTION DETAILS
- 99 - 114 CROSS SECTIONS - REYNOLDS STREET
- 115 - 120 CROSS SECTIONS - LADD STREET
- 121 - 124 CROSS SECTIONS - OLD AIRPORT ROAD

01-15-2016 LETTING ITEM 005 STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PROPOSED  
HIGHWAY PLANS**

**F.A.U. ROUTE 6312 (REYNOLDS STREET)  
SECTION D3 HSRR 2014-002  
PROJECT : HSR-6312 (001)  
PAVEMENT & RAIL CROSSING RECONSTRUCTION  
LIVINGSTON COUNTY**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	1

\* 124 + 1 = 125 DOT# 290759U  
MP 92.47

D-93-010-14



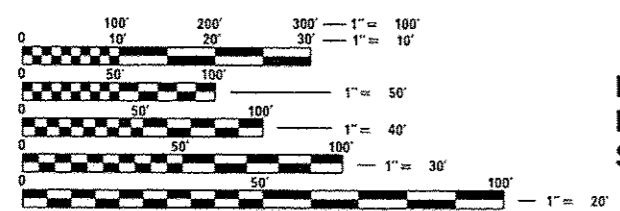
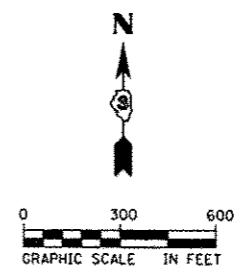
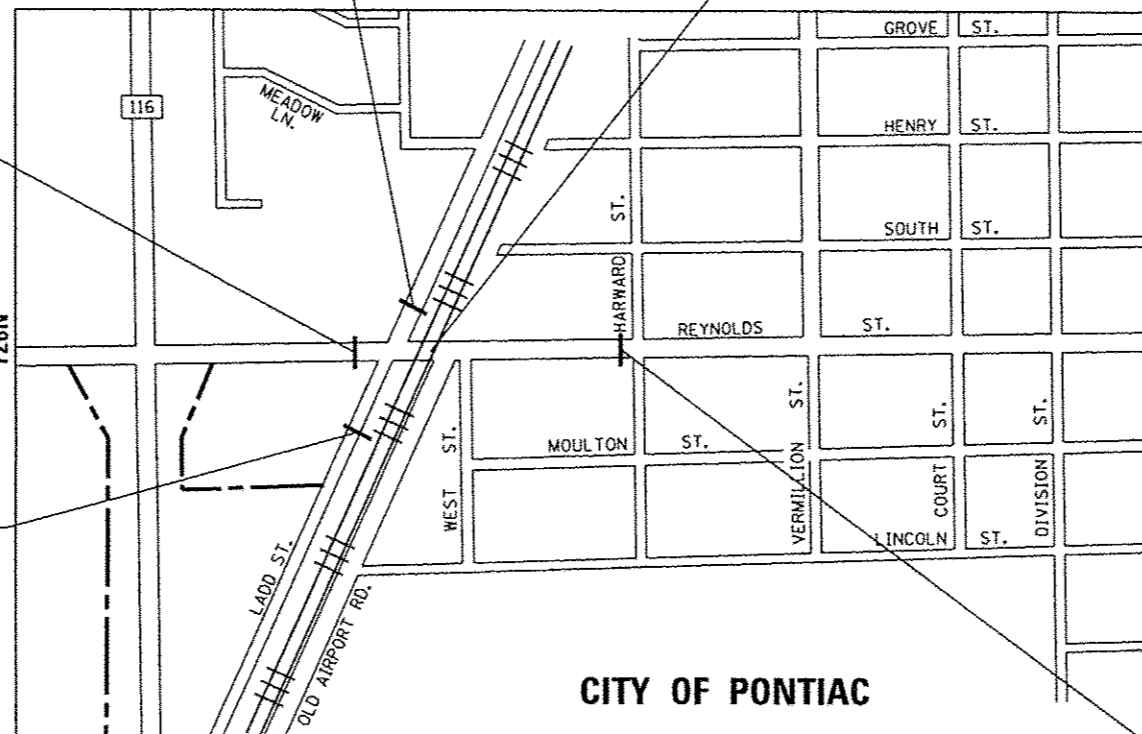
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

**FUNCTIONAL CLASSIFICATION - URBAN COLLECTOR**  
2011 ADT = 15,000 (2032 ADT = 22,700)  
P.V. = 95.0% S.U. = 3.0% M.U. = 2.0%

**RAILROAD OMISSION:**  
REYNOLDS ST.  
STA. 56 + 63.06  
STA. 56 + 73.86

**BEGIN PROJECT  
REYNOLDS ST.  
STA. 54 + 50.00**

**BEGIN PROJECT  
LADD ST.  
STA. 101 + 38.00**



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

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

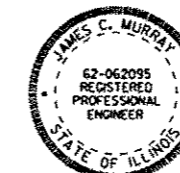
DISTRICT 3 NO. (815) 434-6131  
PROJECT ENGINEER: CRAIG REED, P.E.  
UNIT CHIEF: BRAD DUNCAN, P.E.  
TOWNSHIP: PONTIAC  
CONTRACT NO. 66D19

LOCATION MAP

	NET LENGTH	GROSS LENGTH
REYNOLDS ST.	925.20 FT (0.175 MI)	936.00 FT (0.177 MI)
LADD ST.	498.00 FT (0.094 MI)	498.00 FT (0.094 MI)
<b>PROJECT TOTAL</b>	<b>1423.20 FT (0.269 MI)</b>	<b>1434.00 FT (0.271 MI)</b>

3RD P.M.

**END PROJECT  
REYNOLDS ST.  
STA. 63 + 86.00**



DATE: 10/29/2015  
JAMES C. MURRAY, P.E.  
IL. REG. P.E. NO. 62-062095  
EXPIRES: NOVEMBER 30, 2015

**AECOM**  
AECOM TECHNICAL SERVICES, INC.  
1001 HIGHLANDS PLAZA DRIVE, SUITE 300  
ST. LOUIS, MISSOURI 63110

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Nov. 3<sup>rd</sup> 2015  
*Paul C. [Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 4 2015  
*John D. Baranzelli PE*  
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 4 2015  
*Omar Osman PE*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
542301-03	SUB-SURFACE DRAINS
601001-04	CONCRETE HEADWALL FOR DRAIN
601101-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-04	INLET-TYPE A
602306-03	INLET-TYPE B
602401-03	MANHOLE TYPE A
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
604041-03	FRAME AND GRATE TYPE 9
604051-04	FRAME AND GRATE TYPE 11
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
821101-01	LUMINAIRE WIRING DIAGRAM
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
876001-03	PEDESTRIAN PUSH BUTTON POST
877001-05	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
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
701001-02	701006-05 701601-09 704001-07

**COMMITMENTS**

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

CONTRACTOR SHALL ADHERE TO ALL ENVIRONMENTAL REQUIREMENTS AS NOTED IN THE SPECIAL PROVISION "REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES".

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

DUE TO THE PRESENCE OF THE INDIANA BAT AND NORTHERN LONG-EARED BAT WITHIN THE PROPOSED IMPROVEMENT LIMITS TREE REMOVAL WILL NOT BE ALLOWED FROM APRIL 1ST THROUGH SEPTEMBER 30TH.

**GENERAL NOTES**

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

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

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

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

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

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

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

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

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

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

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

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS. TEMPORARY FENCE SHALL BE USED FOR THIS PURPOSE.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES IN ACCORDANCE WITH THE STANDARD DRAWINGS.

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

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

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

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

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

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

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

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

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

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

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

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

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

THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY TO THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.

STORM SEWER, WATER MAIN REQUIREMENTS ARE TO BE USED AT LOCATIONS WHERE:

- HORIZONTAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10-FEET AND THE WATER MAIN INVERT IS LESS THAN 18-INCHES ABOVE THE STORM SEWER CROWN;
- OR WHEN WATER MAIN CROSSES OVER STORM SEWER AND THE WATER MAIN INVERT IS LESS THAN 18-INCHES ABOVE THE STORM SEWER CROWN;
- OR WHEN WATER MAIN CROSSES UNDER STORM SEWER AND THE WATER MAIN CROWN IS LESS THAN 18-INCHES UNDER THE STORM SEWER THE STORM SEWER SHALL BE ENCASED IN WATER MAIN QUALITY PIPE.

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

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

- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
1. FRONTIER COMMUNICATIONS (FO) & (T)
  2. LEVEL 3 COMMUNICATIONS (FO) & (T)
  3. NICOR GAS (G)
  4. COMMONWEALTH EDISON (E) & (A)
  5. ILLINOIS AMERICAN WATER (W)
  6. CITY OF PONTIAC - STORM SEWER, SANITARY SEWER
  7. SPRINT (FO) & (T)
  8. MEDIACOM
  9. CENTRAL ILLINOIS REGIONAL BROADBAND NETWORK (CIRBN)
- NON-JULIE MEMBERS WITHIN THE LIMITS OF IMPROVEMENT ARE:
1. UNION PACIFIC RAILROAD COMPANY (UPRR)
- THE CONTRACTOR SHALL COORDINATE WITH THE UPRR SIGNAL DEPARTMENT FOR ITEMS INSTALLED BY THE UPRR SIGNAL DEPARTMENT.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: *[Signature]*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: *November 3, 2015*

EXAMINED BY: *[Signature]*  
DISTRICT CONSTRUCTION ENGINEER

*[Signature]*  
DISTRICT MATERIALS ENGINEER

*[Signature]*  
DISTRICT OPERATIONS ENGINEER



USER NAME : draw_brauk	DESIGNED - MTL	REVISED -
PLLOT SCALE = 48,0000 / 1 in.	DRAWN - DAB	REVISED -
PLLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL  
NOTES AND COMMITMENTS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	2
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
• 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	32	32			
20101000	TEMPORARY FENCE	FOOT	40	40			
20200100	EARTH EXCAVATION	CU YD	3592	3592			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	359	359			
20800150	TRENCH BACKFILL	CU YD	373	373			
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2682	2682			
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	57	57			
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	57	57			
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	57	57			
• 25100630	EROSION CONTROL BLANKET	SO YD	22	22			
• 25200110	SODDING, SALT TOLERANT	SO YD	2682	2682			
• 25200200	SUPPLEMENTAL WATERING	UNIT	132	132			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	59	59			
28000400	PERIMETER EROSION BARRIER	FOOT	2399	2399			

URBAN

\* =SPECIALTY ITEM

FILE NAME: c:\pwworking\dwg\brock\brock\111000\111000.dwg 23/06/2015 14:50:00



USER NAME : drew_brock	DESIGNED - MTL	REVISED -
PLOT SCALE : 40.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE : 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	03 HSRR 2014-002	LIVINGSTON	124	3
CONTRACT NO. 66019			ILLINOIS FED. AID PROJECT	

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
28000510	INLET FILTERS	EACH	33	33			
28200200	FILTER FABRIC	SO YD	42	42			
28300400	AGGREGATE DITCH	TON	10	10			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	6903	6903			
35101400	AGGREGATE BASE COURSE, TYPE B	TON	108	108			
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	360	360			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	20356	20356			
40600990	TEMPORARY RAMP	SO YD	1632	1632			
40603087	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0 FG, N70	TON	4339	4339			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	572	572			
42001300	PROTECTIVE COAT	SO YD	1535	1535			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	288	288			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	3099	3099			
42400800	DETECTABLE WARNINGS	SO FT	155	155			

\* -SPECIALTY ITEM

FILE NAME: G:\projects\adva\brock\transportation\dm23886\086019\_ah1-500.dgn



USER NAME : draw.brock	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE : 40,0000 ' / in.	CHECKED - JCM	REVISED -
PLOT DATE : 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	4
CONTRACT NO. 66019			ILLINOIS FED. AID PROJECT	



FILE NAME: c:\pwworking\draw.brou\transportation\mtr2398b\0365019.sht, \$00.dgn

14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
44000100	PAVEMENT REMOVAL	SQ YD	5298	5298			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	287	287			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2432	2432			
44000600	SIDEWALK REMOVAL	SQ FT	2428	2428			
44003100	MEDIAN REMOVAL	SQ FT	225	225			
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	27	27			
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1			
50105220	PIPE CULVERT REMOVAL	FOOT	152	152			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1			
55100500	STORM SEWER REMOVAL 12"	FOOT	410	410			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	426	426			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	34	34			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	115	115			

\* =SPECIALTY ITEM



USER NAME : draw.brouk  
 PLOT SCALE : 40.0000 1/16"  
 PLOT DATE : 10/29/2015

DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	5
				CONTRACT NO. 66019
ILLINOIS FED. AID PROJECT				





FILE NAME: c:\pwworking\draw\_brook\1\entire\station\1\m23586\_0365019\_011-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
70103B15	TRAFFIC CONTROL SURVEILLANCE	CAL DA	120	120			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3714	3714			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	616	616			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	20144	20144			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	468	468			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	6014	6014			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	71	71			
* 72000100	SIGN PANEL - TYPE 1	SO FT	101	101			
• 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9			
• 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	18	18			
• 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	6	6			
• 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	398	398			
• 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	462	462			

• =SPECIALTY ITEM



USER NAME = draw_brook	DESIGNED - MTL	REVISED -
PLT SCALE = 40.0000' / 1"	DRAWN - DAB	REVISED -
PLT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	8
CONTRACT NO. 66019			ILLINOIS FED. AID PROJECT	

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3643	3643			
• 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1417	1417			
• 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	882	882			
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	121	121			
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	212	212			
	78200300 PRISMATIC CURB REFLECTOR	EACH	20	20			
	78300100 PAVEMENT MARKING REMOVAL	SO FT	2447	2447			
• 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1		1		
• 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	854		182	672	
• 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	145		145		
• 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	51		51		
• 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	484		464	20	
• 81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	735		735		
• 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5		4	1	

• =SPECIALTY ITEM

FILE NAME: c:\pwworking\adrea\_brook\project\station\item\21566\0366019-1ht-500.dgn



USER NAME : drav_brook	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE * 40.0000 * / in.	CHECKED - JCM	REVISED -
PLOT DATE * 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	9
SCALE: NONE			SHEET 7 OF 12 SHEETS	
STA.			TD STA.	
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66019				

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2		2		
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	508		508		
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4		4		
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1	
85700310	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1		1		
86000100	MASTER CONTROLLER	EACH	1			1	
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2		1	1	
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2			2	
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1028			1028	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	366		366		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	384		384		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3054		3054		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	940		940		

\*=SPECIALTY ITEM

FILE NAME: c:\pwworking\AECOM\Projects\1411111111\1411111111\1411111111\1411111111.dwg



USER NAME : draw.brouk	DESIGNED - MTL	REVISED -
PLT SCALE : 40,0000' / in.	DRAWN - DAB	REVISED -
PLT DATE : 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 8	OF 12 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	10
CONTRACT NO. 66019			ILLINOIS FED. AID PROJECT	



URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
• 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2267		2267		
• 87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	104		104		
• 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	84		84		
• 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	816		816		
• 87502430	TRAFFIC SIGNAL POST, GALVANIZED STEEL 9 FT.	EACH	1		1		
• 87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1		1		
• 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1		1		
• 87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1		1		
• 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1		1		
• 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1		
• 87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1		1		
• 87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1		1		
• 87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1		1		
• 87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1		1		

14

• =SPECIALTY ITEM

FILE NAME: s:\projects\104\Draws\brack\transportation\drw\22966\0296619.dwg



USER NAME : draw.brack	DESIGNED - MTL	REVISED -
PLOT SCALE : 40,0000 1/4 in.	DRAWN - DAB	REVISED -
PLOT DATE : 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	03 HSR 2014-002	LIVINGSTON	124	11
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

FILE NAME: c:\pwworking\draw-bronk\yves\pwr-lst\sum\sum23866\066019-11-1-500.dwg

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
• 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16		
• 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4		
• 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	63		63		
• 87900200	DRILL EXISTING HANDHOLE	EACH	1			1	
• 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7		7		
• 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4		
• 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1		1		
• 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1		1		
• 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2		
• 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2		2		
• 88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4		4		
• 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	17		17		
• 88500100	INDUCTIVE LOOP DETECTOR	EACH	19		19		
• 88600100	DETECTOR LOOP, TYPE I	FOOT	1573		1573		

• =SPECIALTY ITEM



USER NAME : draw-bronk  
 PLOT SCALE : 40,0000' / in.  
 PLOT DATE : 10/29/2015

DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	12
			CONTRACT NO. 66019	
ILLINOIS FED. AID PROJECT				

FILE NAME: G:\working\draw\_brow\1\exp\141014\141014.dwg

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
• 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4		4		
• 89100400	ILLUMINATED SIGN, LED	EACH	2		2		
* A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* X0323071	SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	1		1		
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	370	370			
X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	2344	2344			
X6022820	MANHOLES, SANITARY, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1		1		
• X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1028			1028	
• X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1			1	
Z0007430	TEMPORARY SIDEWALK	SO FT	771	771			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			

14

• =SPECIALTY ITEM



USER NAME : draw_brow	DESIGNED - MTL	REVISED -
PLOT SCALE : 40.0000 ' / in.	DRAWN - DAB	REVISED -
PLOT DATE : 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	13
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

2014

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				ROADWAY 290759U	TRAFFIC SIGNALS 290759U	SIGNAL INTERCONNECT 290759U	ROADWAY 290759U
				100% HSR	100% HSR	100% HSR	100% PONTIAC
				0004	0021	0021	0004
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	84	84			
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1	
Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	54	54			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	20	20			
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	60	60			
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	20	20			
Z0062456	TEMPORARY PAVEMENT	SO YD	1759	1759			
Z0067100	STEEL CASINGS 8"	FOOT	60		60		
X1700012	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 18 (TEMPORARY)	FOOT	53	53			

10

\* =SPECIALTY ITEM

FILE NAME = FILES



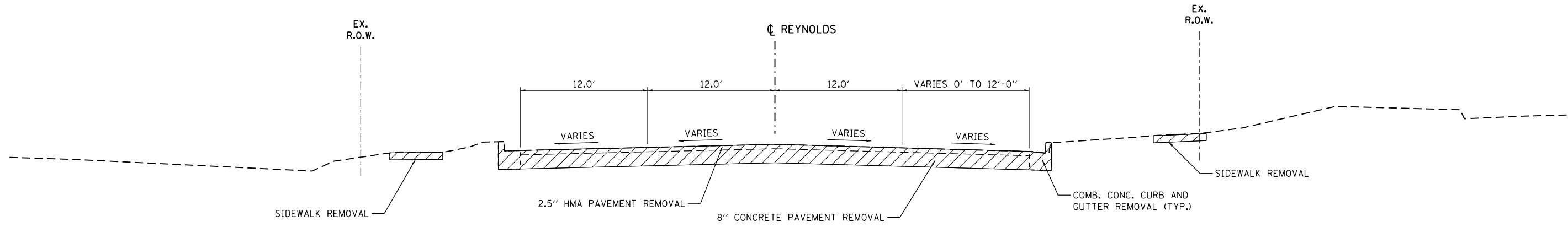
USER NAME = dunaenba	DESIGNED - MTL	REVISED - B00 11/3/2015
PLLOT SCALE = 48,000' / in.	DRAWN - DAB	REVISED -
PLLOT DATE = 11/3/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

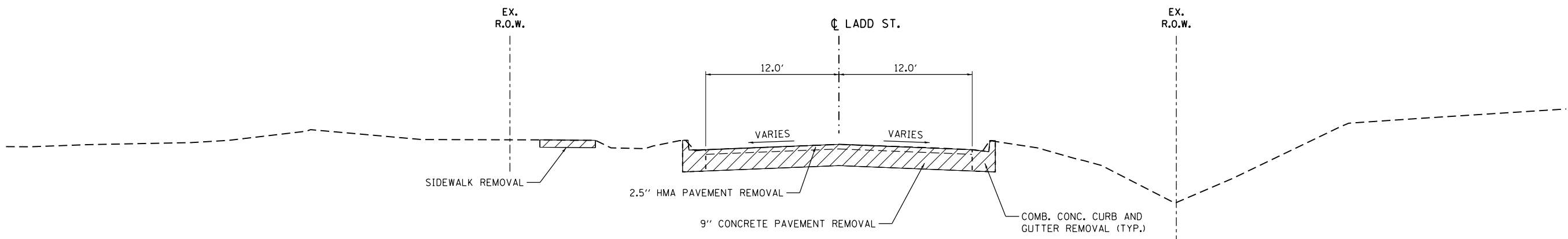
SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

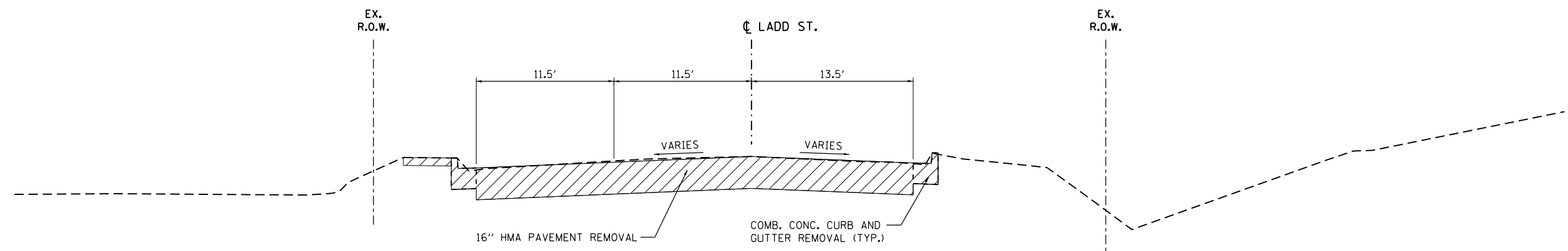
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	14
			CONTRACT NO. 66019	
ILLINOIS FED. AID PROJECT				



**REYNOLDS ST.**  
 STA. 54+50.00 TO STA. 62+90.00



**LADD ST.**  
 STA. 101+38.00 TO STA. 102+71.74



**LADD ST.**  
 STA. 102+71.74 TO STA. 104+78.00

NOTE:  
 SEE REMOVAL PLANS  
 FOR REMOVAL LIMITS

FILE NAME = c:\nework\hking\draw\br\br\transportation\mst\mst\2586\0366019-akt-typical-001.dgn

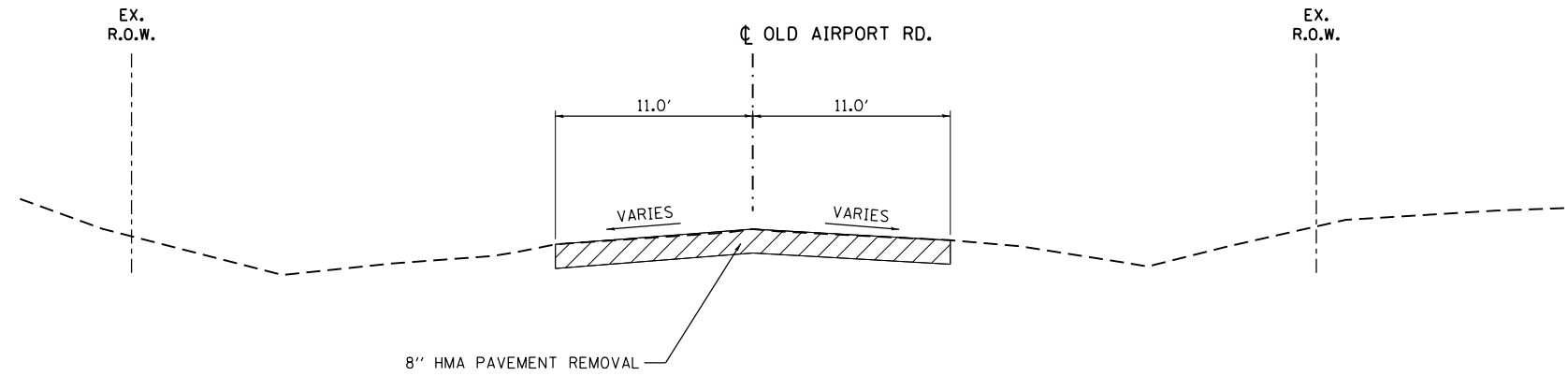


USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL SECTIONS</b>		
<b>REYNOLDS STREET AND LADD STREET</b>		
SCALE: NTS	SHEET 1 OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	15
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**OLD AIRPORT RD.**  
 STA. 200+90.00 TO STA. 203+00.00

NOTE:  
 SEE REMOVAL PLANS  
 FOR REMOVAL LIMITS

FILE NAME = c:\nework\hug\draw\brout\transportation\mst\mst2256\0366019-alt-typical-002.dgn



USER NAME = drew.brout	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

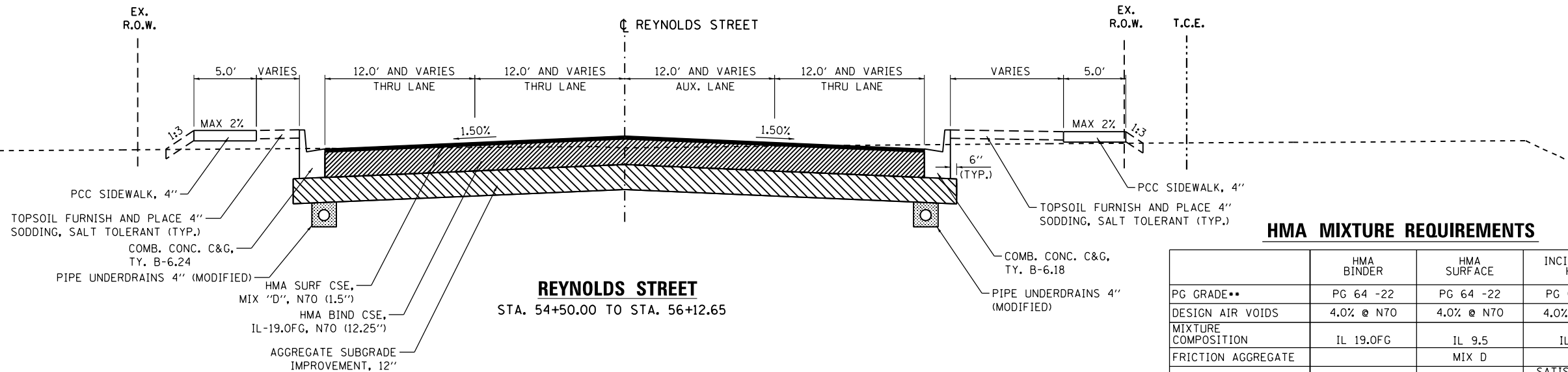
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS  
 OLD AIRPORT ROAD**

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	16
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



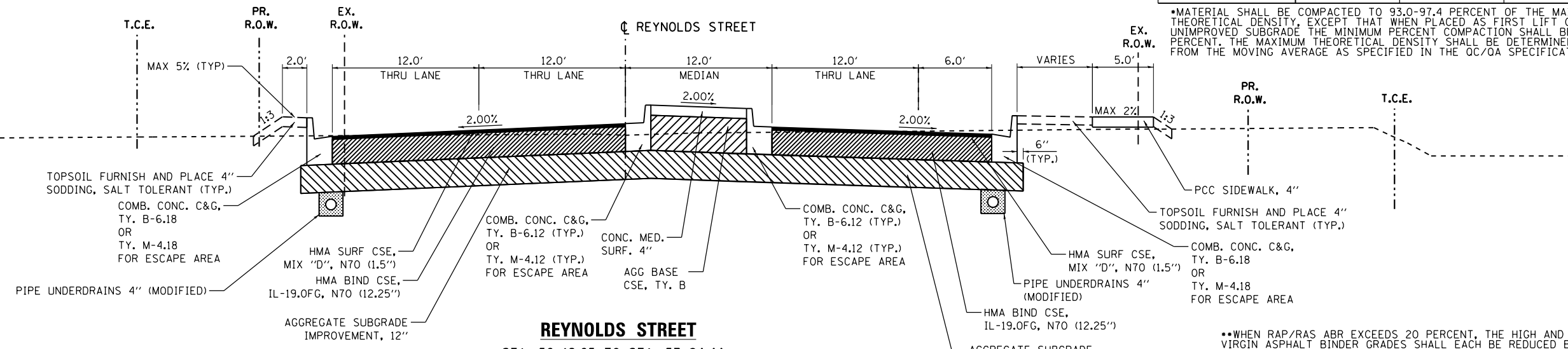


**REYNOLDS STREET**  
STA. 54+50.00 TO STA. 56+12.65

**HMA MIXTURE REQUIREMENTS**

	HMA BINDER	HMA SURFACE	INCIDENTAL HMA
PG GRADE**	PG 64 -22	PG 64 -22	PG 64 -22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION	IL 19.OFG	IL 9.5	IL-9.5
FRICTION AGGREGATE	MIX D		
DENSITY TEST METHOD	CORES	CORES	SATISFACTION OF ENGINEER
MIXTURE WEIGHT	112#/Sq. YD./In.	112#/Sq. YD./In.	112#/Sq. YD./In.
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A	N/A
LOCATION(S)	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT

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



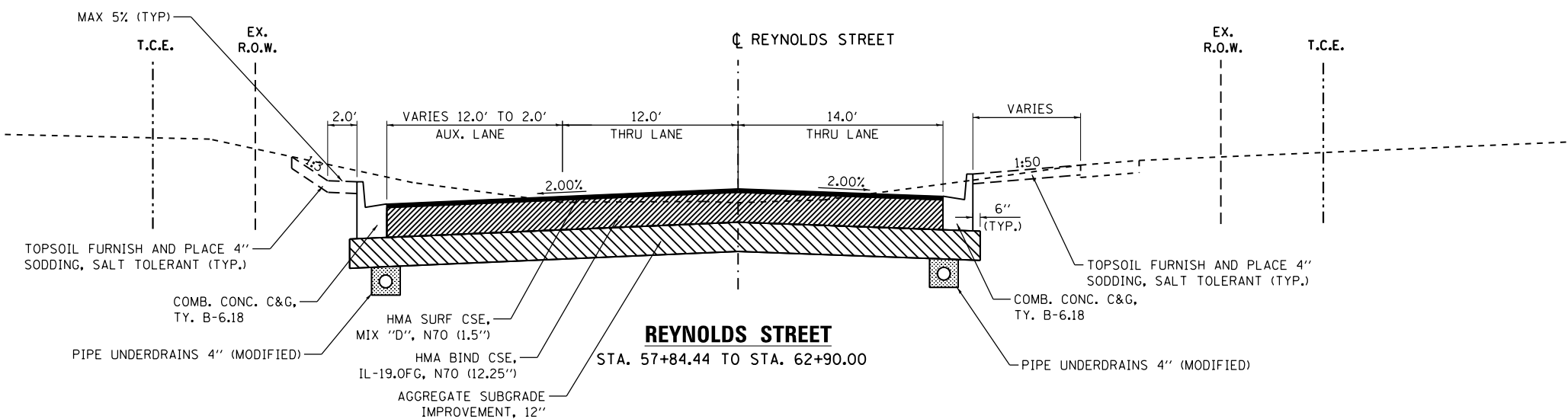
**REYNOLDS STREET**  
STA. 56+12.65 TO STA. 57+84.44  
RAILROAD OMISSION STA. 56+63.06 TO STA. 56+73.86

\*\*WHEN RAP/RAS ABR EXCEEDS 20 PERCENT, THE HIGH AND LOW VIRGIN ASPHALT BINDER GRADES SHALL EACH BE REDUCED BY ONE GRADE (I.E. 25% ABR WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG 64-22 TO BE REDUCED TO PG 58-28).

**STRUCTURAL PAVEMENT DESIGN INFORMATION**

REYNOLDS ST.

STRUCTURAL DESIGN TRAFFIC:	YEAR 2023
PV = 18,430	SU = 582 MU = 381
ROAD / STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR: Actual TF = 3.57	
PG GRADE: BINDER = PG 64-22	SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	
SSR = POOR (STA. 54+50 TO 62+90.00)	



**REYNOLDS STREET**  
STA. 57+84.44 TO STA. 62+90.00

FILE NAME: c:\neworking\ur-re-brouk\transportation\dm2586\0366019-aht-typical-003.dgn



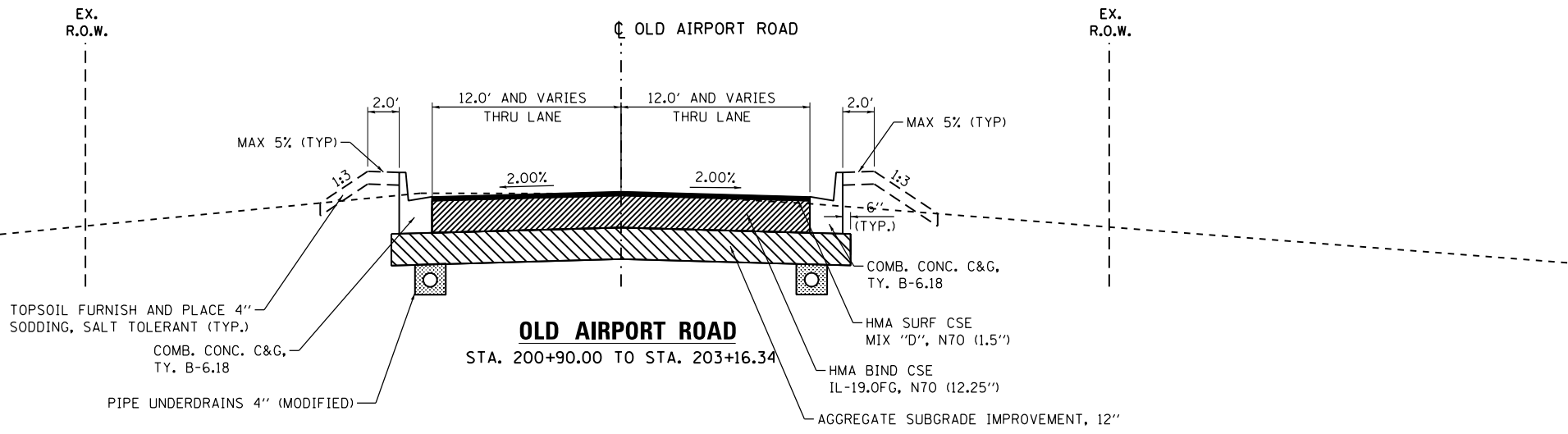
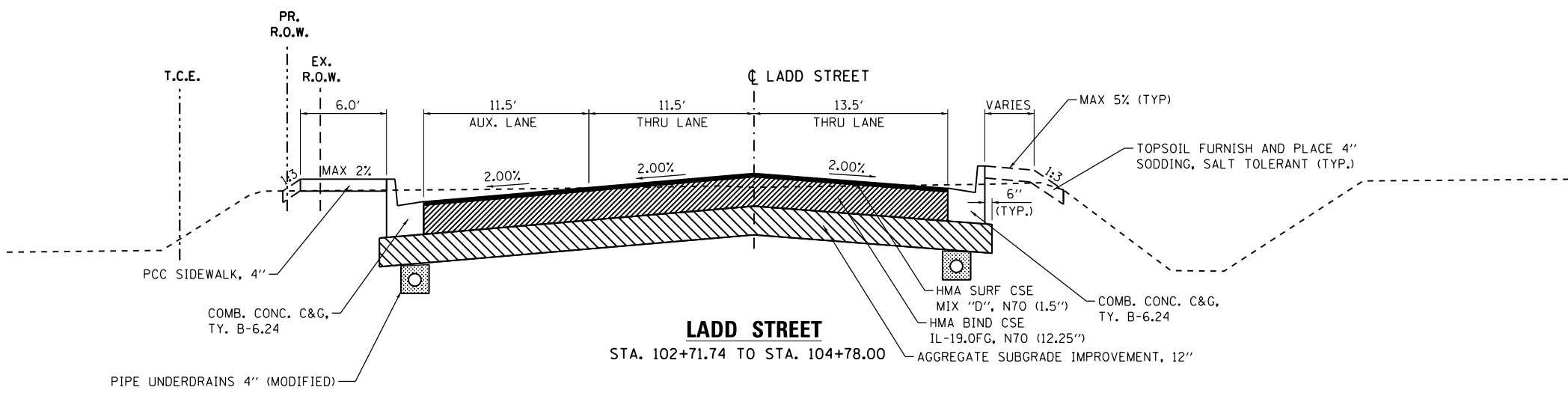
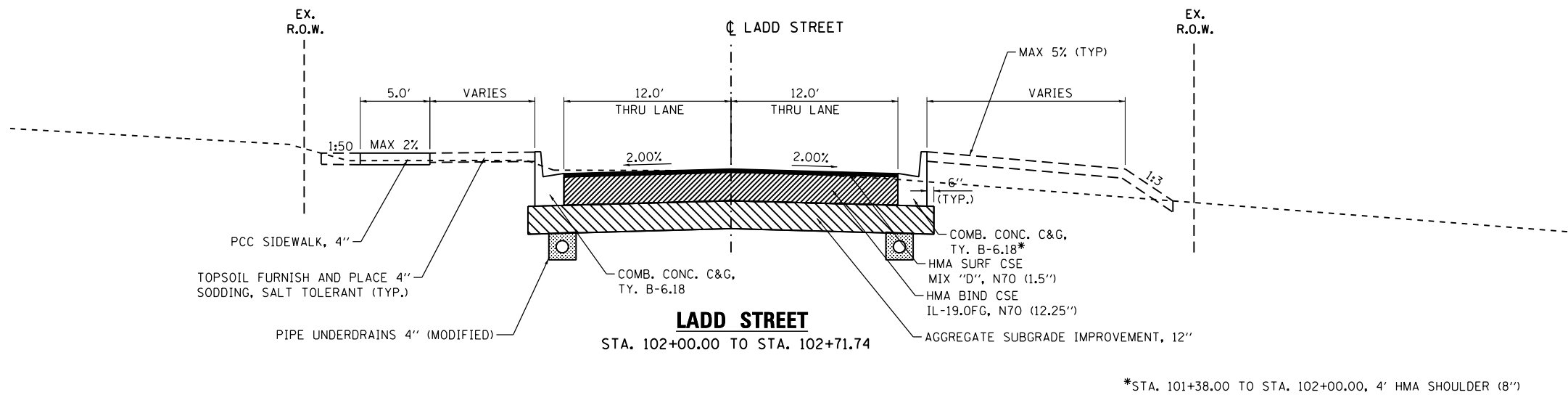
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
REYNOLDS STREET

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	17
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**STRUCTURAL PAVEMENT DESIGN INFORMATION**  
LADD ST.

STRUCTURAL DESIGN TRAFFIC:	YEAR 2023
PV = 9,826	SU = 310 MU = 207
ROAD / STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR: Actual TF =	1.90
PG GRADE: BINDER =	PG 64-22 SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR (STA. 101+38 TO 104+78.00)

FILE NAME = c:\yearwork\19\dr\res\_brouk\transportation\ladd\ladd.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
<b>LADD STREET AND OLD AIRPORT ROAD</b>	
SCALE: NTS	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	18
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

TREE REMOVALS			
STATION	LOCATION	TREE SIZE	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
59+73.41	26' LT	32 I.D.	32
TOTALS			32

TREES				
STATION	OFFSET	TREE SIZE	TEMPORARY FENCE FOOT	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED EACH
62+52.81	25' LT	40 I.D.	20	
63+21.90	25' LT	17 I.D.	20	
60+25.00	47' LT	-		1
TOTALS			40	1

PAVEMENT REMOVALS								
STATION	STATION	STREET	SIDE	PAVEMENT REMOVAL SQ YD	DRIVEWAY PAVEMENT REMOVAL SQ YD	COMBINATION CURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT	MEDIAN REMOVAL SQ FT
54+40.72	59+00.00	REYNOLDS	LT		33	539	832	86
54+40.72	59+00.00	REYNOLDS	RT		21	232	1229	
54+40.72	59+00.00	REYNOLDS	-	3910				
59+00.00	62+90.00	REYNOLDS	LT		87	460		
59+00.00	62+90.00	REYNOLDS	RT		125	390		
59+00.00	62+90.00	REYNOLDS	-	1170				
101+38.00	104+78.00	LADD	LT		21	282	367	
101+38.00	104+78.00	LADD	RT			307		
101+38.00	104+78.00	LADD	-					
200+90.00	203+16.34	OLD AIRPORT	LT			136		139
200+90.00	203+16.34	OLD AIRPORT	RT			86		
200+90.00	201+80.00	OLD AIRPORT	-	218				
TOTALS				5298	287	2432	2428	225

EARTHWORK SCHEDULE								
STATION	STATION	STAGE	LOCATION	EARTH EXCAVATION (CU YD)	*** UNSUITABLE EXCAVATION (CU YD)	*EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE **WASTE (+) SHORTAGE (-) (CU YD)
54+50.00	62+90.00	2	REYNOLDS	833	83	600		600
54+50.00	62+90.00	3	REYNOLDS	1,192	119	858	54	804
54+50.00	62+90.00	4	REYNOLDS	719	72	518	35	483
54+50.00	62+90.00	5	REYNOLDS	38	4	27		27
101+38.00	104+78.00	3	LADD	268	27	193	33	160
101+38.00	104+78.00	4	LADD	211	21	152	29	123
200+90.00	202+50.00	3	OLD AIRPORT	331	33	238	47	191
TOTALS				3,592	359	2,586	198	2,388

- \* EARTH SHINKAGE FACTOR = 20%
- \*\* ALL REMOVED MATERIAL MAY BE NON-SPECIAL WASTE.
- \*\*\* UNSUITABLE EXCAVATION MATERIAL AT 10% OF CUT W/ NO OVER EXCAVATION REQUIRED.

UTILITY REMOVAL							
STATION	OFFSET	DIRECTION	LOCATION	REMOVING MANHOLES EACH	REMOVING CATCH BASINS EACH	REMOVING INLETS EACH	CONCRETE HEADWALL REMOVAL EACH
55+79.40	44.10	RT	REYNOLDS				1
60+94.41	14.33	RT	REYNOLDS			1	
60+94.67	14.41	LT	REYNOLDS			1	
60+94.99	19.85	LT	REYNOLDS		1		
62+36.66	21.69	LT	REYNOLDS	1			
202+35.29	20.43	RT	OLD AIRPORT			1	
TOTALS				1	1	3	1

LANDSCAPING AND EROSION CONTROL															
STATION	STATION	LOCATION	SIDE	TOPSOIL FURNISH AND PLACE, 4" SQ YD	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	EROSION CONTROL BLANKET SQ YD	SODDING, SALT TOLERANT SQ YD	SUPPLEMENTAL WATERING UNIT	TEMPORARY EROSION CONTROL SEEDING POUND	PERIMETER EROSION BARRIER FOOT	INLET FILTERS EACH	FILTER FABRIC SQ YD	AGGREGATE DITCH TON
54+20.29	59+00.00	REYNOLDS	LT	608	12	12	12		608	30	13	620	5		
54+20.29	59+00.00	REYNOLDS	RT	660	13	13	13		660	33	14	333	4		
59+00.00	64+00.00	REYNOLDS	LT	386	8	8	8		386	19	8	435	13		
59+00.00	64+00.00	REYNOLDS	RT	183	4	4	4		183	9	4	312	7		
101+38.00	101+85.00	LADD	LT	58	2	2	2		58	3	2	48			
101+38.00	101+85.00	LADD	RT	166	4	4	4	11	166	8	4	83		42	10
104+50.00	106+00.00	LADD	LT	84	2	2	2		84	4	2	127	1		
104+50.00	106+00.00	LADD	RT	328	7	7	7		328	16	7	190			
200+00.00	203+00.00	OLD AIRPORT	LT	144	3	3	3	11	144	7	3	141	1		
200+00.00	203+00.00	OLD AIRPORT	RT	65	2	2	2		65	3	2	110	1		
TOTALS				2682	57	57	57	22	2682	132	59	2399	33	42	10

FILE NAME = c:\nework\hug\dr\res\_brouk\transport\at\sum\sum\_22566\_0366019\_sht-1-schedule.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	19
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

STORM SEWER STRUCTURE SCHEDULE

STR. NO.	STA.	SIDE	STREET	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" EACH	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID EACH	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE EACH	INLETS, TYPE A, TYPE 11 FRAME AND GRATE EACH	INLETS, TYPE B, TYPE 8 FRAME AND GRATE EACH	INLETS, TYPE B, TYPE 11 FRAME AND GRATE EACH
PRO1	58+22.87	LT	REYNOLDS			1				
PRO2	58+23.25	LT	REYNOLDS					1		
PRO3	59+45.02	LT	REYNOLDS			1				
PRO4	59+45.07	LT	REYNOLDS							1
PRO5	59+45.04	RT	REYNOLDS					1		
PRO6	60+19.99	LT	REYNOLDS			1				
PRO7	60+20.05	LT	REYNOLDS							1
PRO8	60+20.05	RT	REYNOLDS					1		
PRO9	60+95.00	LT	REYNOLDS			1				
PRO10	60+95.03	LT	REYNOLDS							1
PRO11	60+95.05	RT	REYNOLDS					1		
PRO12	61+70.09	LT	REYNOLDS			1				
PRO13	61+70.03	LT	REYNOLDS							1
PRO14	61+70.00	RT	REYNOLDS					1		
PRO15	62+36.66	LT	REYNOLDS			1				
PRO16	62+36.82	LT	REYNOLDS							1
PRO17	62+34.76	RT	REYNOLDS					1		
PRO18	62+85.00	LT	REYNOLDS			1				
PRO19	62+84.97	LT	REYNOLDS							1
PRO20	62+70.05	RT	REYNOLDS					1		
PRO21	201+57.08	LT	OLD AIRPORT	1						
PRO21.1	202+10.90	LT	OLD AIRPORT				1			
PRO22	201+86.19	LT	OLD AIRPORT					1		
PRO23	201+86.19	RT	OLD AIRPORT							1
PRO24	202+35.29	RT	OLD AIRPORT				1			
PRO25	101+74.13	RT	LADD							
PRO26	102+08.53	RT	LADD			1				
PRO27	104+00.00	RT	LADD						1	
TOTALS				1	1	7	2	8	2	7

STORM SEWER AND CULVERT REMOVAL

START STA	END STA	OFFSET	LOCATION	PIPE CULVERT REMOVAL FOOT	STORM SEWER REMOVAL 12" FOOT
101+38.00	104+78.00	-	LADD		
54+00.00	59+00.00	-	REYNOLDS	152	
59+00.00	62+90.00	-	REYNOLDS		321
200+90.00	203+16.34	-	OLD AIRPORT		89
TOTALS				152	410

PIPE UNDERDRAINS

START STA	END STA	OFFSET	STREET	PIPE UNDERDRAINS 4" (MODIFIED) FOOT	CONCRETE HEADWALLS FOR PIPE DRAINS FOOT
54+50.00	59+00.00	LT/RT	REYNOLDS	760	
59+00.00	64+00.00	LT/RT	REYNOLDS	750	
101+00.00	101+83.88	LT/RT	LADD	124	1
103+50.85	105+00.00	LT/RT	LADD	273	
200+00.00	203+00.00	LT/RT	AIRPORT	437	
TOTALS				2344	1

EXPLORATION TRENCH - SIGNAL MAST ARM

SHEET	INTERSECTION	OFFSET	EXPLORATION TRENCH, SPECIAL FOOT
drain01	REYNOLD/LADD	LT/RT	40
TOTALS			40

STORM SEWER PIPE SCHEDULE

"PIPE NO."	"STR. NO. FROM"	"STR. NO. TO"	TRENCH BACKFILL CU YD	STORM SEWERS, CLASS A, TYPE 1 12" FOOT	STORM SEWERS, CLASS A, TYPE 1 24" FOOT	STORM SEWERS, CLASS A, TYPE 2 12" FOOT	STORM SEWERS, CLASS A, TYPE 2 15" FOOT	STORM SEWERS, CLASS A, TYPE 2 18" FOOT	STORM SEWERS, CLASS A, TYPE 2 24" FOOT	EXPLORATION TRENCH, SPECIAL FOOT	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH FOOT	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH FOOT	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH FOOT
1A	PRO2	PRO1	1			5							
2A	PRO1	PRO3				100				90	20		
3A	PRO4	PRO3	1			5							
4A	PRO5	PRO4	6	40						10			
5A	PRO3	PRO6					55			90		20	
6A	PRO7	PRO6	1			5							
7A	PRO8	PRO7	6	40						10			
8A	PRO6	PRO9						35		90		40	
9A	PRO10	PRO9	1	5									
10A	PRO11	PRO10	6	37						10			
11A	PRO9	PRO12						75					
12A	PRO13	PRO12	1	5									
13A	PRO14	PRO13	5	34						10			
14A	PRO12	PRO15						67					
15A	PRO16	PRO15	1	5									
16A	PRO17	PRO16	5	32						10			
17A	PRO15	PRO18						48					
18A	PRO19	PRO18	1	7									
19A	PRO20	PRO19	5	33						10			
20A	PRO18	13367	32					76					20
21A	PRO21	PRO21.1	2	54									
21.1A	PRO21.1	PRO24	9	55									
22A	PRO22	PRO23	4	30									
23A	PRO23	PRO24	4	49									
24A	PRO24	1997	4					44					
25A	PRO25	PRO26	3		34								
26A	PRO26	PRO27	279						191				
27A	PRO27	2894							115				
TOTALS			373	426	34	115	134	266	306	330	20	60	20

FILE NAME: c:\neworking\drw\br\br\transport\stomus\dm\2286\0366019-sht-struct.dwg



USER NAME = drew.brouk  
 PLOT SCALE = 48.0000' / in.  
 PLOT DATE = 10/29/2015

DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	20
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

PAVEMENTS - MAINLINE									
START STA	END STA	LT/RT	LOCATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE BASE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	CLASS D PATCHES TYPE IV, 12"
				SQ YD	TON	POUND	TON	TON	SQ YD
54+50.00	59+00.00	-	REYNOLDS	3594	51	10776	2315	284	
59+00.00	64+00.00	-	REYNOLDS	1753		5022	1035	127	27
101+38.00	102+00.00	-	LADD	202		609	123	16	
103+50.00	106+34.39	-	LADD	745		1889	392	48	
200+90.00	202+50.00	-	OLD AIRPORT	609		1781	363	45	
TOTALS				6903	51	20077	4228	520	27

SIDEWALKS AND MEDIANS										
START STA	END STA	STREET	OFFSET	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	PORTLAND CEMENT CONCRETE SIDEWALK CURB	CONCRETE MEDIAN SURFACE, 4 INCH	AGGREGATE BASE COURSE, TYPE B	TEMPORARY SIDEWALK
				SQ YD	SQ FT	SQ FT	FOOT	SQ FT	TON	SQ FT
54+50.00	59+00.00	REYNOLDS	RT	329	1745	145	51	1001	57	771
54+41.07	59+00.00	REYNOLDS	LT	92	826	10	3			
103+38.56	104+29.47	LADD	LT	59	528					
TOTALS				480	3099	155	54	1001	57	771

PAVEMENTS - ENTRANCES AND SIDEROADS									
START STA	END STA	STREET	ENTRANCE TYPE / WIDTH	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	AGGREGATE FOR TEMPORARY ACCESS	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
				POUND	TON	TON	TON	SQ YD	SQ YD
57+06.81	57+24.73	REYNOLDS	RR ACCESS / 10'	59	25	11	20		
58+47.34	58+72.11	REYNOLDS	PE / 26'				20	16	16
58+80.50	59+00.03	REYNOLDS	PE / 12'				20	27	27
59+55.81	60+07.81	REYNOLDS	PE / 10'				40	58	58
59+65.79	60+12.17	REYNOLDS	PE / 25'				40	54	54
61+18.91	61+42.91	REYNOLDS	PE / 12'				20	22	22
61+71.59	62+05.01	REYNOLDS	PE / 21.5'				40	35	35
61+82.01	62+20.87	REYNOLDS	PE / 24'				40	30	30
62+71.13	62+95.07	REYNOLDS	PE / 12'				20	22	22
101+71.26	102+01.26	LADD	RR ACCESS / 10'	100	38	19	20		
103+56.82	103+80.44	LADD	RR ACCESS / 10'	64	27	12	20		
104+24.47	104+63.59	LADD	PE/29'				40	24	24
201+52.30	201+82.29	OLD AIRPORT	RR ACCESS / 10'	56	21	10	20		
TOTALS				279	111	52	360	288	288

TEMPORARY PAVEMENTS						
STATION	STATION	OFFSET	STREET	TEMPORARY RAMP	TEMPORARY PAVEMENT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (TEMPORARY)
				SQ YD	SQ YD	FOOT
53+90.07	59+00.00	LT	REYNOLDS	1120	446	
53+90.07	59+00.00	RT	REYNOLDS	512	256	
59+00.00	63+52.98	LT	REYNOLDS		344	53
59+00.00	63+52.98	RT	REYNOLDS		26	
100+63.00	102+71.74	LT	LADD		171	
100+63.00	102+71.74	RT	LADD		173	
102+71.74	104+00.00	LT	LADD		36	
102+71.74	104+00.00	RT	LADD		24	
104+00.00	106+32.56	LT	LADD		86	
104+00.00	106+32.56	RT	LADD		197	
TOTALS				1632	1759	53

FILE NAME: c:\ywork\hunting\draw\draw\transportation\mainline\mainline.dwg



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 3 OF 6 SHEETS	STA.	TO STA.

F.A.U. RTE. 6312	SECTION D3 HSRR 2014-002	COUNTY LIVINGSTON	TOTAL SHEETS 124	SHEET NO. 21
CONTRACT NO. 66D19				ILLINOIS FED. AID PROJECT

CURB, CURB AND GUTTERS										
START STA	END STA	OFFSET	STREET	PROTECTIVE COAT	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.18
				SO YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
54+50.00	59+00.00	LT	REYNOLDS	122			210	144		57
54+50.00	59+00.00	RT	REYNOLDS	186			352		94	50
59+00.00	64+00.00	LT	REYNOLDS	128		124	460			
59+00.00	62+90.00	RT	REYNOLDS	108			390			
101+38.00	106+34.39	LT	LADD	91	196.14		63	156		
101+38.00	106+34.39	RT	LADD	63	156			137		
200+90.00	202+90.75	LT	OLD AIRPORT	24			87			
200+90.00	202+90.75	RT	OLD AIRPORT	44			160			
50+87.35	51+12.42	LT	WEST							
50+87.35	51+12.42	RT	WEST							
TOTALS				767	352	124	1722	437	94	107

PAVEMENT MARKINGS																	
START STA	END STA	STREET	OFFSET	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 6"			THERMOPLASTIC PAVEMENT MARKING - LINE 8"		THERMOPLASTIC PAVEMENT MARKING - LINE 12"		THERMOPLASTIC PAVEMENT MARKING - LINE 24"	PRISMATIC CURB REFLECTOR	PAVEMENT MARKING REMOVAL	
				SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	SO FT
50+00.00	53+50.00	REYNOLDS	LT	-						80							40
50+00.00	53+50.00	REYNOLDS	CL		592												197
50+00.00	53+50.00	REYNOLDS	RT	16					78	129							116
53+50.00	59+00.00	REYNOLDS	LT	52				636	40	251			24				430
53+50.00	59+00.00	REYNOLDS	CL		729			116						20			281
53+50.00	59+00.00	REYNOLDS	RT	119		124	69			154		56	65	66			429
59+00.00	64+07.85	REYNOLDS	LT	175						111				48			
59+00.00	64+07.85	REYNOLDS	CL		1016												339
59+00.00	64+07.85	REYNOLDS	RT														
101+38.00	102+26.92	LADD	LT														
101+38.00	102+26.92	LADD	CL		158												
101+38.00	102+26.92	LADD	RT										16				32
102+26.92	106+58.04	LADD	LT	84						159			26				230
102+26.92	106+58.04	LADD	CL		679			111									285
102+26.92	106+58.04	LADD	RT														
200+90.00	202+81.00	OLD AIRPORT	LT														25
200+90.00	202+81.00	OLD AIRPORT	CL		345			125									
200+90.00	202+81.00	OLD AIRPORT	RT	16									15				43
50+80.19	50+95.50	WEST	LT														
50+80.19	50+95.50	WEST	CL					240									
50+80.19	50+95.50	WEST	RT											17			
TOTALS				462	3519	124	69	1228	120	753	129	56	65	212	20		2447

FILE NAME: c:\yearchking\drw\br\br\transportat\stomat\dm\2586\0366019-ant-schedule.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 4 OF 6 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	22
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				





SIGNING										
STREET	STATION	OFFSET		SIGN #	SIGN DESCRIPTION	SIGN PANEL - TYPE 1 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)
		LT.	RT.							
REYNOLDS	54+08.37		X	W10-1	RR Xing	5				15
REYNOLDS	55+08.92		32	R1-1	Stop		1			
REYNOLDS	56+03.41	24		R1-1	Stop		1			
REYNOLDS	56+27.09	46		R1-1	Stop		1			
REYNOLDS	56+28.84		X	W10-8	Trains May Exceed	9				19
REYNOLDS	56+28.84		X	R8-8	Do Not Stop On Tracks	5				
REYNOLDS	56+34.90		X	R8-8	Do Not Stop On Tracks	5				16
REYNOLDS	56+46.20	X		R8-8	Do Not Stop On Tracks	5				15
REYNOLDS	57+03.07	X		R10-11a	No Turn On Red	8				
REYNOLDS	57+13.07	X		R10-6a	Stop Here On Red	5				16
REYNOLDS	57+03.07	X		R8-8	Do Not Stop On Tracks	5				
REYNOLDS	56+88.61		X	R8-8	Do Not Stop On Tracks	5				
REYNOLDS	57+13.07		X	R10-6a	Stop Here On Red	5				16
REYNOLDS	57+13.07		X	R8-8	Do Not Stop On Tracks	5				
REYNOLDS	57+61.00	33			Historic US66 Marker			1		14
REYNOLDS	57+63.79	16		R3-2	No Left Turn		1			
REYNOLDS	57+67.48		44		Public Safety Complex			1		32
REYNOLDS	57+98.87	18		W10-11a, R8-8	xx' Between Tracks Do Not Stop On Tracks		1			
REYNOLDS	58+01.67	X		W10-8	Trains May Exceed	9				19
REYNOLDS	58+01.67	X		R8-8	Do Not Stop On Tracks					
REYNOLDS	58+90.82	36		D9-2	Hospital Sign			1		16
REYNOLDS	58+90.82	36			Directional arrow			1		
REYNOLDS	58+90.82	36			Rec-Plex			1		
REYNOLDS	59+34.91	36		W10-1	RR Xing			1		16
REYNOLDS	59+56.78	23		W3-1	Stop Ahead		1			
REYNOLDS	60+16.29	32		R7-1	No Parking Anytime			1		15
REYNOLDS	60+39.39	36		R3-6	Optional Movement			1		16
REYNOLDS	60+43.84		21	R2-1	Speed Limit			1		15
LADD	101+14.62		X	W10-2R	Xing Advance Warning	6				16
LADD	102+04.37	X		X10-1100	Walk Time Shortened	3				
LADD	102+04.37	X		X10-1100	Walk Time Shortened	3				
LADD	102+22.87		22	R1-1	Stop		1			
LADD	102+28.49		X	D3-1	REYNOLDS ST./LADD ST.			2.0		15
LADD	102+37.46		X	X10-1100	Walk Time Shortened	3				
LADD	102+82.45	X		X10-1100	Walk Time Shortened	3				
LADD	103+13.86	30		R1-1	Stop		1			
LADD	104+15.30	X		W10-2L	Xing Advance Warning	6				15
LADD	104+40.70		24		Adopt A Highway			1		16
LADD	104+40.70		24		Folding Conditional Sign			1		
OLD AIRPORT	202+29.03	33			Rec-Plex			1		16
OLD AIRPORT	202+29.03	33			State Police Headquarters			1		
OLD AIRPORT	202+62.60		24	R1-1	Stop Sign			1		16
OLD AIRPORT	202+62.60		X	D3-1	REYNOLDS ST./OLD AIRPORT RD.			2.0		
OLD AIRPORT	202+66.48		X	R5-1, R3-2	Do Not Enter, No Left Turn		1			
OLD AIRPORT	202+83.06		X	R5-1	Do Not Enter	6				16
OLD AIRPORT	202+84.52	3		R3-2	No Left Turn			1		17
OLD AIRPORT	202+84.52	3			Historic Downtown			1		
OLD AIRPORT	202+84.52	3		R5-1	Do Not Enter			1		
WEST	50+78.08		22	R1-1	Stop Sign			1		16
WEST	50+90.89		X	D3-1	REYNOLDS ST./WEST ST.			2.0		15
TOTALS						101	9	18	6	398

FILE NAME = c:\ywork\chking\matthew.libera\transportation\dmz2566\0366019-ht-schedule.dgn



USER NAME = matthew.libera	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 11/24/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

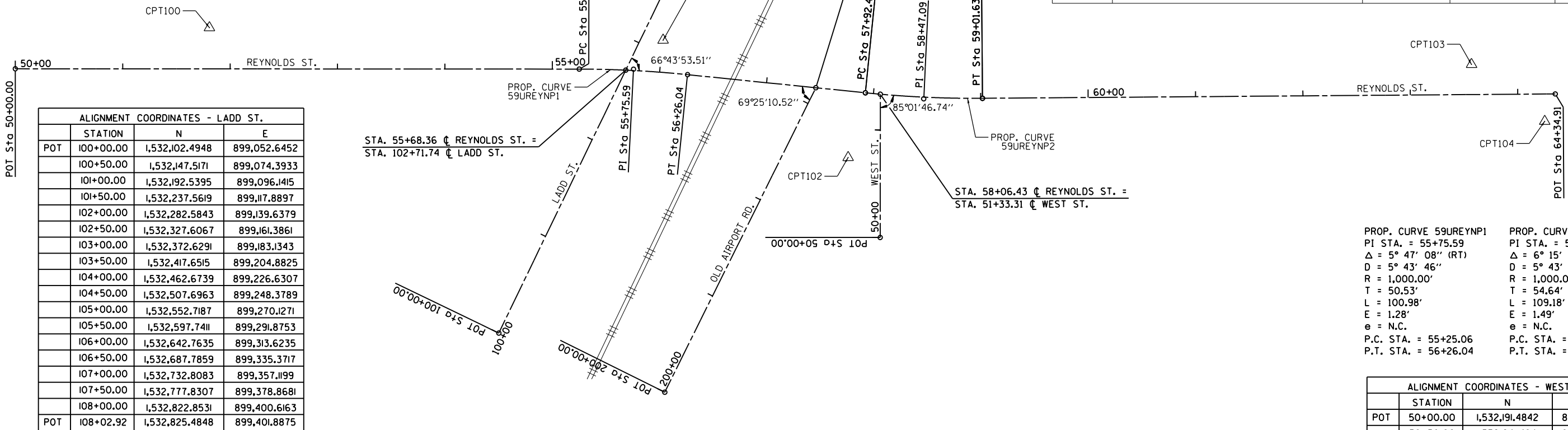
<b>SCHEDULE OF QUANTITIES</b>			
SCALE: NONE	SHEET 6 OF 6 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	24
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES - REYNOLDS ST.			
STATION	N	E	
POT	50+00.00	1,532,348.4534	898,602.4989
	50+50.00	1,532,348.4237	898,652.4989
	51+00.00	1,532,348.3940	898,702.4989
	51+50.00	1,532,348.3643	898,752.4989
	52+00.00	1,532,348.3346	898,802.4989
	52+50.00	1,532,348.3049	898,852.4989
	53+00.00	1,532,348.2752	898,902.4989
	53+50.00	1,532,348.2456	898,952.4989
	54+00.00	1,532,348.2159	899,002.4989
	54+50.00	1,532,348.1862	899,052.4989
	55+00.00	1,532,348.1565	899,102.4989
PC	55+25.06	1,532,348.1416	899,127.5617
	55+50.00	1,532,347.8159	899,152.4961
PI	55+75.59	1,532,348.1116	899,178.0929
	56+00.00	1,532,345.2907	899,202.4271
PT	56+26.04	1,532,342.9879	899,228.3636
	56+50.00	1,532,340.5584	899,252.2008
	57+00.00	1,532,335.4886	899,301.9431

ALIGNMENT COORDINATES - REYNOLDS ST. (CONT)			
STATION	N	E	
	57+50.00	1,532,330.4188	899,351.6854
PC	57+92.45	1,532,326.1145	899,393.9172
	58+00.00	1,532,325.3774	899,401.4306
PI	58+47.09	1,532,320.5740	899,448.2779
	58+50.00	1,532,321.9295	899,451.3063
	59+00.00	1,532,320.9786	899,501.2921
PT	59+01.63	1,532,320.9896	899,502.9187
	59+50.00	1,532,321.3576	899,551.2906
	60+00.00	1,532,321.7378	899,601.2892
	60+50.00	1,532,322.1181	899,651.2877
	61+00.00	1,532,322.4984	899,701.2863
	61+50.00	1,532,322.8787	899,751.2848
	62+00.00	1,532,323.2590	899,801.2834
	62+50.00	1,532,323.6393	899,851.2819
	63+00.00	1,532,324.0196	899,901.2805
	63+50.00	1,532,324.3998	899,951.2791
	64+00.00	1,532,324.7801	900,001.2776
POT	64+34.91	1,532,325.0457	900,036.1879

PROJECT BENCHMARK ELEVATIONS DATUM: N. A. V. D. OF 1988				
NO.	DESCRIPTION	STATION OFFSET	COORDINATES	ELEV.
TBM 100	PK NAIL IN COMMERCIAL ENTRANCE NORTH OF REYNOLDS ST.	51+80.76 38.31' LT	N 1,532,386.658 E 898,783.278	641.29
TBM 101	PK NAIL IN ISLAND AT INTERSECTION OF LADD ST. AND REYNOLDS ST.	56+00.86 29.94' LT	N 1,532,375.080 E 899,205.565	642.59
TBM 102	PK NAIL IN SIDEWALK BETWEEN OLD AIRPORT RD. AND WEST ST.	57+82.58 61.55' RT	N 1,532,265.886 E 899,377.861	641.53
TBM 103	PK NAIL IN CURB NORTHWEST CORNER OF HARWARD ST. AND REYNOLDS ST.	63+57.18 28.07' LT	N 1,532,352.526 E 899,958.245	637.97
TBM 104	PK NAIL IN SIDEWALK AT SOUTHEAST CORNER OF HARWARD ST. AND REYNOLDS ST.	64+24.95 25.40' RT	N 1,532,299.566 E 900,026.423	639.02

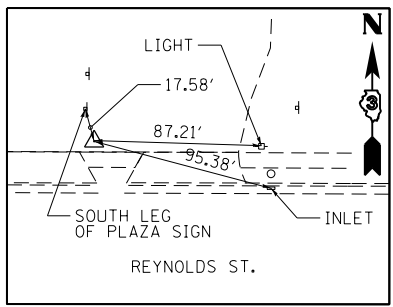


ALIGNMENT COORDINATES - LADD ST.			
STATION	N	E	
POT	100+00.00	1,532,102.4948	899,052.6452
	100+50.00	1,532,147.5171	899,074.3933
	101+00.00	1,532,192.5395	899,096.1415
	101+50.00	1,532,237.5619	899,117.8897
	102+00.00	1,532,282.5843	899,139.6379
	102+50.00	1,532,327.6067	899,161.3861
	103+00.00	1,532,372.6291	899,183.1343
	103+50.00	1,532,417.6515	899,204.8825
	104+00.00	1,532,462.6739	899,226.6307
	104+50.00	1,532,507.6963	899,248.3789
	105+00.00	1,532,552.7187	899,270.1271
	105+50.00	1,532,597.7411	899,291.8753
	106+00.00	1,532,642.7635	899,313.6235
	106+50.00	1,532,687.7859	899,335.3717
	107+00.00	1,532,732.8083	899,357.1199
	107+50.00	1,532,777.8307	899,378.8681
	108+00.00	1,532,822.8531	899,400.6163
POT	108+02.92	1,532,825.4848	899,401.8875

PROP. CURVE 59UREYNP1 PI STA. = 55+75.59 Δ = 5° 47' 08" (RT) D = 5° 43' 46" R = 1,000.00' T = 50.53' L = 100.98' E = 1.28' e = N.C. P.C. STA. = 55+25.06 P.T. STA. = 56+26.04	PROP. CURVE 59UREYNP2 PI STA. = 58+47.09 Δ = 6° 15' 19" (LT) D = 5° 43' 46" R = 1,000.00' T = 54.64' L = 109.18' E = 1.49' e = N.C. P.C. STA. = 57+92.45 P.T. STA. = 59+01.63
---	---

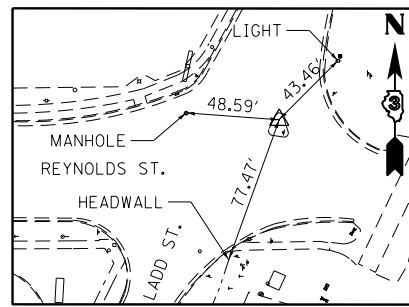
ALIGNMENT COORDINATES - WEST ST.			
STATION	N	E	
POT	50+00.00	1,532,191.4842	899,407.7259
	50+50.00	1,532,241.4841	899,407.7678
	51+00.00	1,532,291.4841	899,407.8097
POT	51+33.31	1,532,324.7940	899,407.8376

ALIGNMENT COORDINATES - OLD AIRPORT RD.			
STATION	N	E	
POT	200+00.00	1,532,047.4687	899,207.1490
	200+50.00	1,532,092.2543	899,229.3807
	201+00.00	1,532,137.0399	899,251.6124
	201+50.00	1,532,181.8255	899,273.8441
	202+00.00	1,532,226.6111	899,296.0759
	202+50.00	1,532,271.3968	899,318.3076
	203+00.00	1,532,316.1824	899,340.5393
POT	203+16.34	1,532,330.8146	899,347.8028



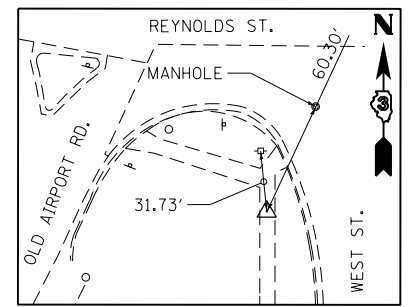
**CONTROL POINT #100**

PK NAIL  
N 1532386.658  
E 898783.278  
ELEV. 641.289



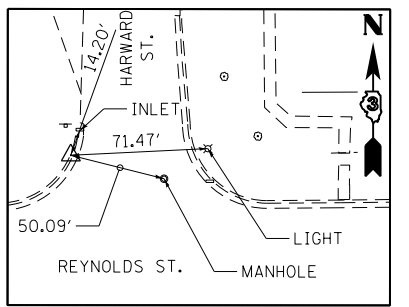
**CONTROL POINT #101**

PK NAIL  
N 1532375.080  
E 899205.565  
ELEV. 642.586



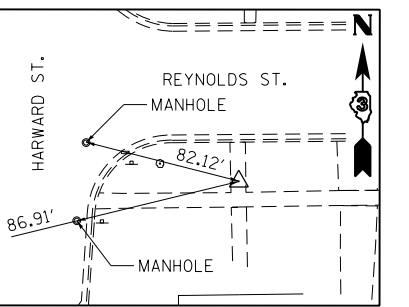
**CONTROL POINT #102**

PK NAIL  
N 1532265.886  
E 899377.861  
ELEV. 641.525



**CONTROL POINT #103**

PK NAIL  
N 1532352.526  
E 899958.245  
ELEV. 637.967



**CONTROL POINT #104**

PK NAIL  
N 1532299.566  
E 900026.423  
ELEV. 639.020

FILE NAME: c:\neworking\drw\brn\transportation\msh\21566\_0366019-11-1-ATB.dwg

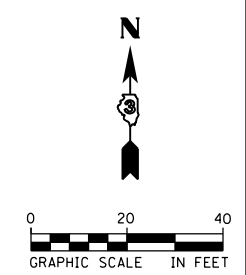
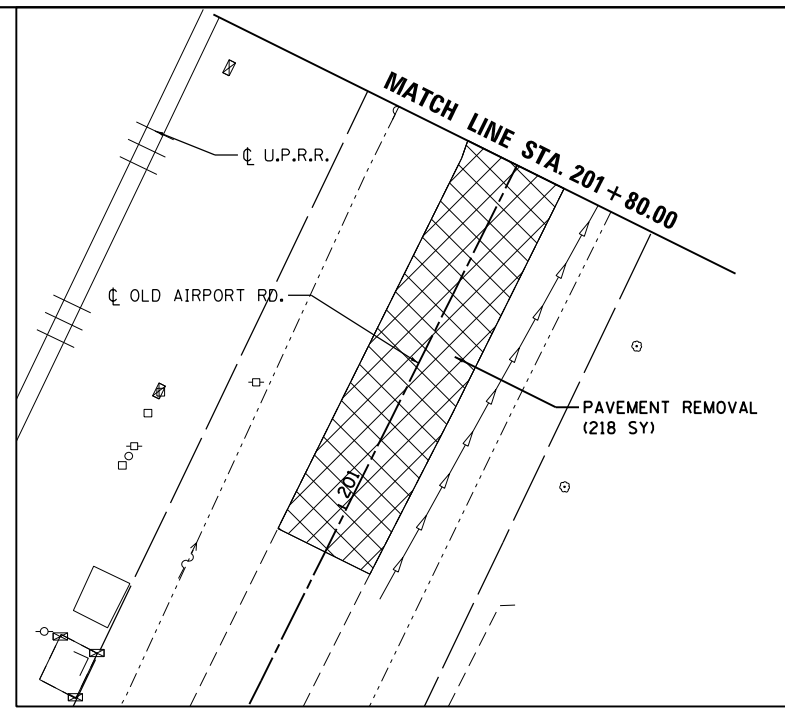
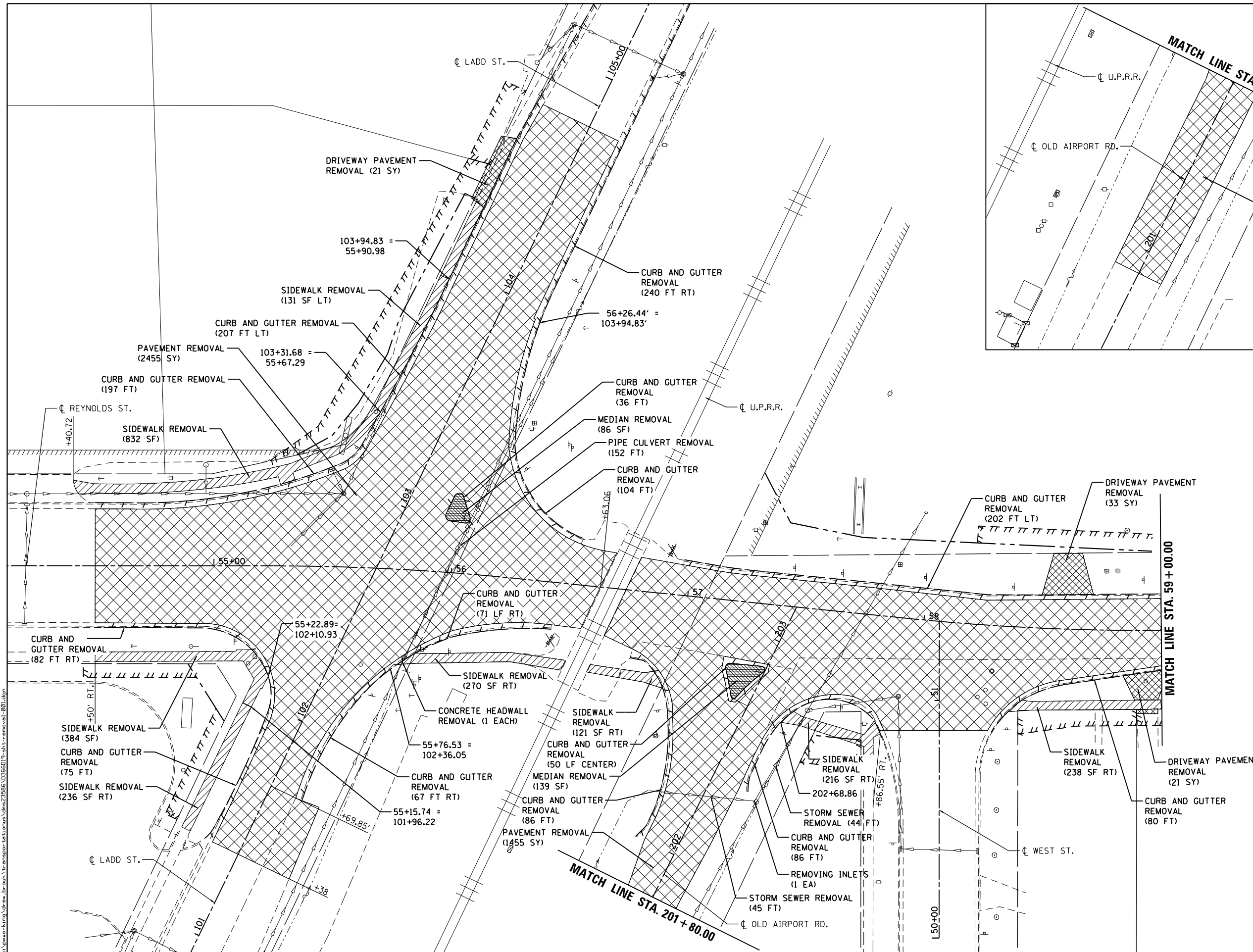


USER NAME = drew.brn	DESIGNED - MTL	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENTS, TIES, AND BENCHMARKS</b>	
SCALE: 1" = 50'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	25
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**REMOVAL NOTES**

1. RAILROAD SIGNAL REMOVAL BY OTHERS.
2. SIDEWALK REMOVAL STATION LOCATION MAY BE ADJUSTED TO ACCOMMODATE EXISTING JOINT PATTERN.

**LEGEND:**

- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- TREE REMOVAL (INCH DIA.) TREES LESS THAN 6"-I.D. SHOWN FOR REMOVAL BUT NOT PAID SEPARATELY



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 Ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

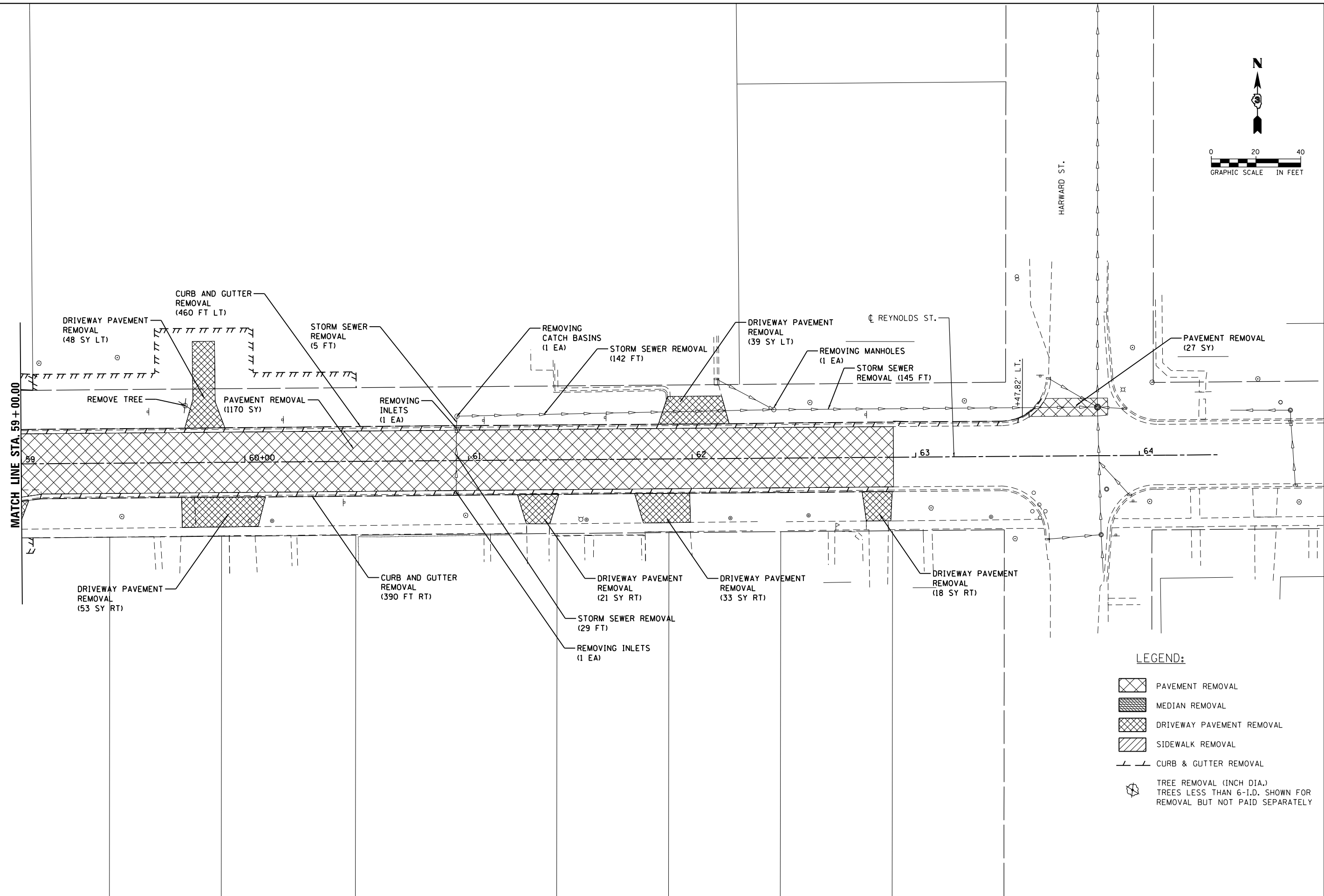
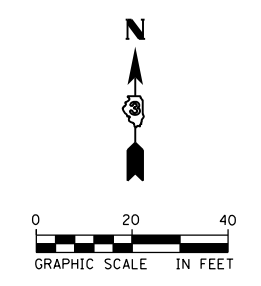
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS  
REYNOLDS STREET**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 54+50.00 TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	26
CONTRACT NO. 66D19				

ILLINOIS FED. AID PROJECT



- LEGEND:**
- PAVEMENT REMOVAL
  - MEDIAN REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - CURB & GUTTER REMOVAL
  - TREE REMOVAL (INCH DIA.)  
TREES LESS THAN 6"-I.D. SHOWN FOR  
REMOVAL BUT NOT PAID SEPARATELY

FILE NAME = c:\ywork\hunting\drw\br\br\transportation\m\21566\0366019-akt-removal-002.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 Ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

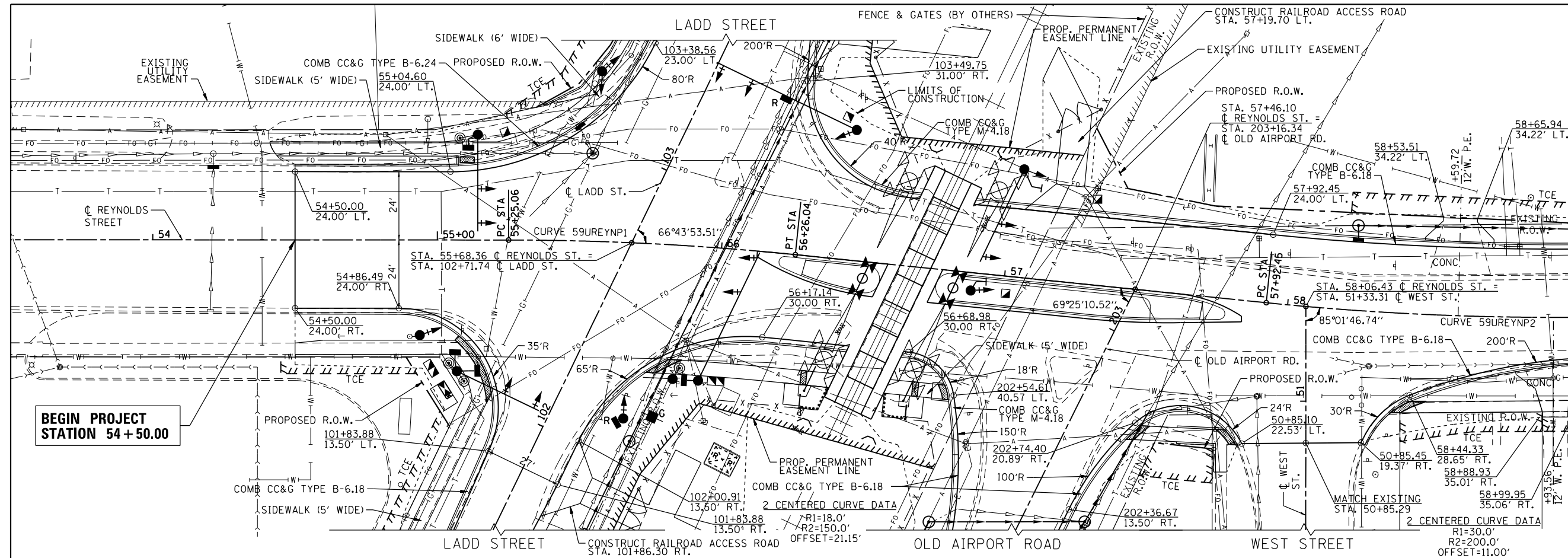
**REMOVAL PLANS  
REYNOLD STREET**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 59+00.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	27
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	

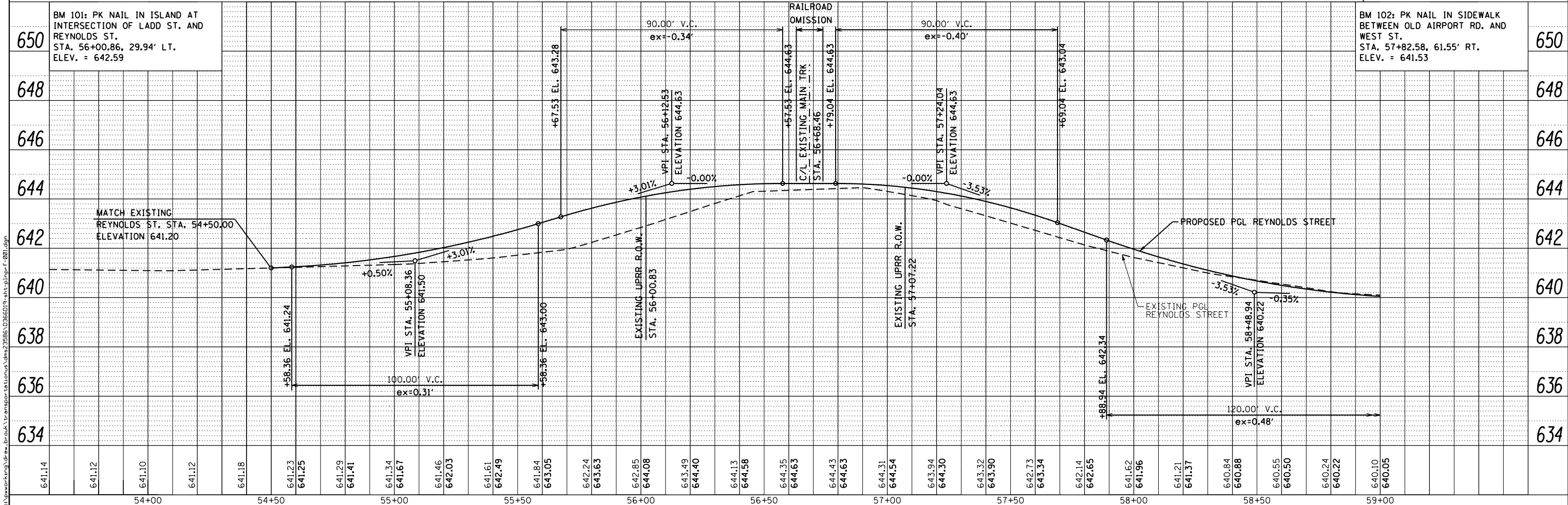
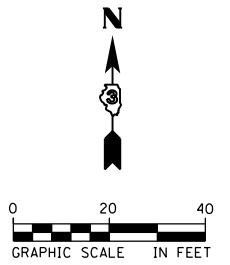
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	



**NOTES**

- RAILROAD OMISSION:  
STA. 56+30.6 TO STA. 56+73.86  
SEE INTERSECTION DETAILS FOR ELEVATIONS AT RAILROAD OMISSION
- RAILROAD SIGNAL AND GATE  
INSTALLATION BY OTHERS
- FOR MEDIAN LAYOUT SEE  
INTERSECTION DETAILS
- SEE ALIGNMENTS TIES AND  
BENCHMARKS SHEET FOR  
REYNOLDS STREET CURVE DATA

MATCH LINE STA. 59+00.00



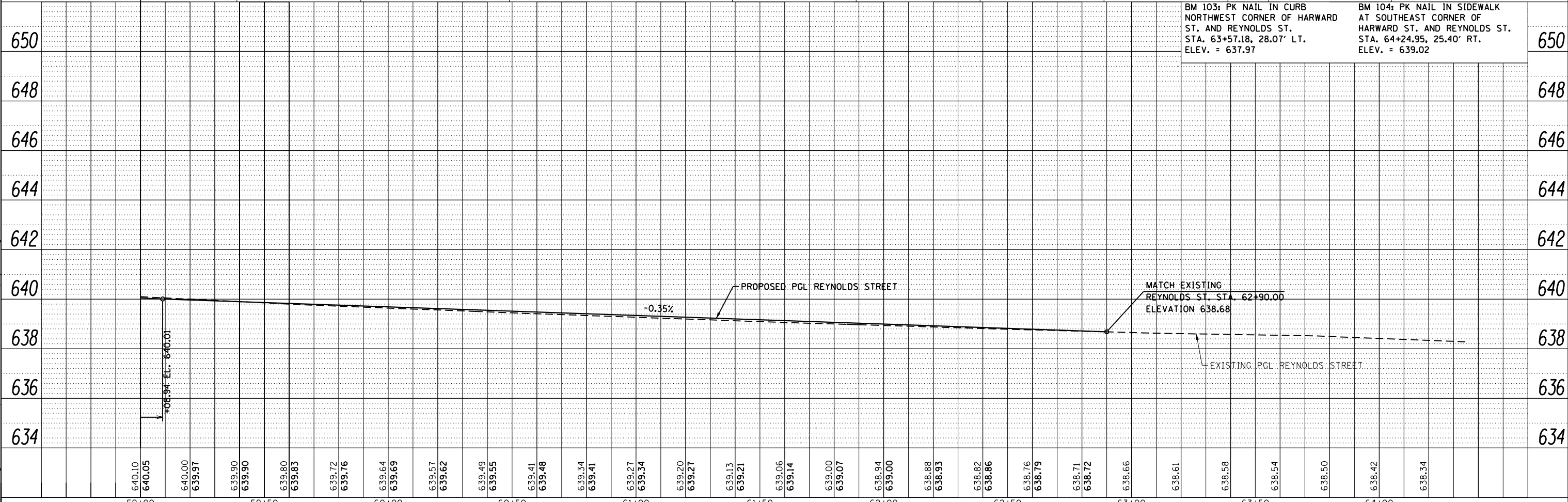
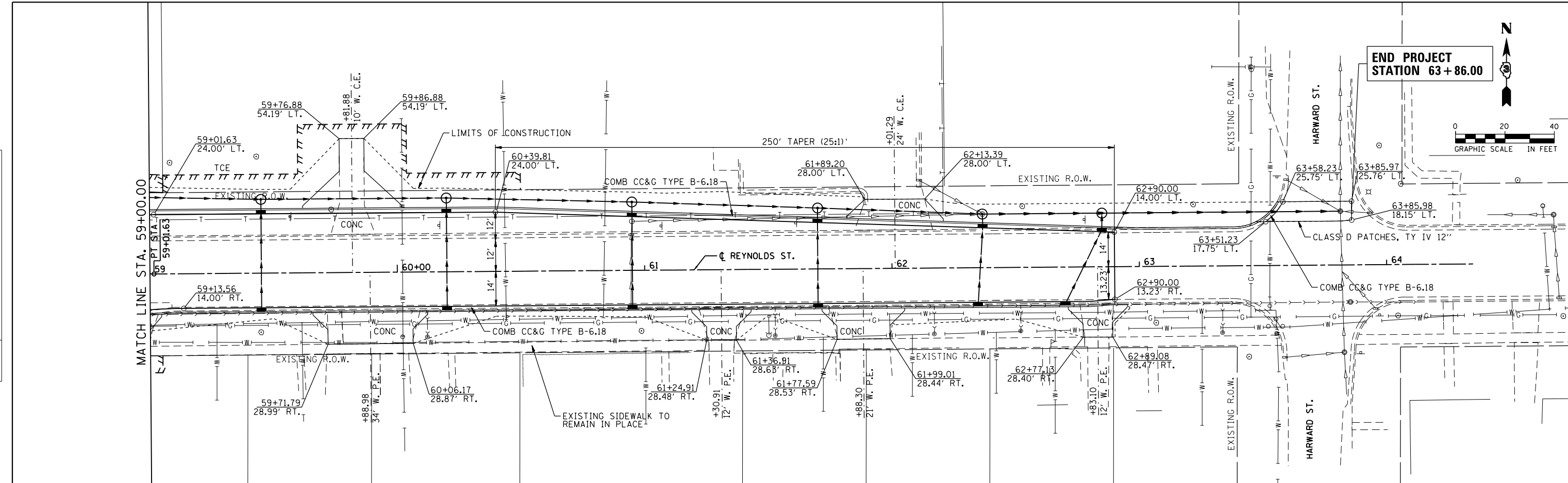
<b>AECOM</b>	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLANS AND PROFILES REYNOLDS STREET</b>	F.A.U. RT. = 6312	SECTION = D3 HSR 2014-002	COUNTY = LIVINGSTON	TOTAL SHEETS = 124	SHEET NO. = 28
	PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -			SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS	STA. 54+50.00 TO STA. 59+00.00	CONTRACT NO. 66D19	
	PLOT DATE = 10/29/2015	DATE = 10/29/2015	REVISED -							

FILE NAME = c:\networking\drew\_brouk\trampor\stationing\ams23986\0366019\_ahv.plt\pwr\_f\_001.dgn



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

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



BM 103: PK NAIL IN CURB  
NORTHWEST CORNER OF HARWARD  
ST. AND REYNOLDS ST.  
STA. 63+57.18, 28.07' LT.  
ELEV. = 637.97

BM 104: PK NAIL IN SIDEWALK  
AT SOUTHEAST CORNER OF  
HARWARD ST. AND REYNOLDS ST.  
STA. 64+24.95, 25.40' RT.  
ELEV. = 639.02



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS AND PROFILES  
REYNOLDS STREET  
SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 59+00.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	29
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	







**STAGING NOTES – REYNOLDS STREET**

STAGE 1A TRAFFIC:  
MAINTAIN TRAFFIC IN EXISTING LANES USING THE EXISTING RAILROAD SIGNALS.

STAGE 1B TRAFFIC:  
TRAFFIC IS MAINTAINED IN EXISTING LANES, EXCEPT WESTBOUND REYNOLDS IS NARROWED DOWN TO ONE LANE.

STAGE 1B CONSTRUCTION:  
CONSTRUCT ALL TEMPORARY PAVEMENTS NEEDED FOR STAGE 2. CONSTRUCT STORM SEWER ALONG EAST SIDE OF LADD ST. DO NOT CONSTRUCT FES AT 101+74.13. PROVIDE TEMPORARY PIPE CULVERT TO EXTEND CULVERT UNDER TEMPORARY PAVEMENT IN FUTURE STAGES. CONSTRUCT STORM SEWER ON REYNOLDS FROM STA 58+22 TO 59+75. CONSTRUCT TEMPORARY CURB ON SOUTH SIDE OF REYNOLDS ST. BETWEEN WEST ST. AND THE TEMPORARY ENTRANCE TO MAINTAIN DRAINAGE. CONSTRUCT TEMPORARY SIDEWALK ALONG THE SOUTH SIDE OF REYNOLDS ST.

STAGE 2 TRAFFIC:  
SHIFT TRAFFIC TO THE OUTSIDE EDGES OF THE EXISTING LANES OF REYNOLDS ST. FROM STA 55+94 TO 58+80. SHIFT TRAFFIC TO THE SOUTH SIDE OF REYNOLDS ST FROM STA 58+80 TO 63+00 (MINIMUM 10' TRAVEL LANE IN EACH DIRECTION), UTILIZING EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 2 CONSTRUCTION:  
ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS FOR THE CENTER LANES INCLUDING THE NEW CENTER MEDIAN. DO NOT CONSTRUCT THE CENTER MEDIAN FROM STA 56+20 TO STA 56+36 DURING THIS STAGE. CONSTRUCTION OF THIS PORTION OF THE MEDIAN IS DELAYED UNTIL STAGE 5. CONSTRUCT STORM SEWER TRUNK LINE, STORM SEWER LATERALS, MANHOLES, CATCH BASINS, AND CURB INLETS ALONG REYNOLDS ST. FROM STA 59+75 TO 63+82 ADJUST STRUCTURES TO TEMPORARY GRADE. PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS AS NEEDED ON INLETS LOCATED IN TEMPORARY PAVEMENT AREAS. ROADWAY WORK ALSO INCLUDES CONSTRUCTION OF PAVEMENT WIDENING ON THE NORTH SIDE OF REYNOLDS ST. AND TEMPORARY PAVEMENT AS NEEDED FOR SUBSEQUENT STAGES. DO NOT CONSTRUCT CURB WHERE TEMPORARY WIDENING IS NEEDED ON THE NORTH SIDE OF REYNOLDS ST.





POST STAGE 2 CONSTRUCTION:  
CONSTRUCT A TEMPORARY PLATFORM AT THE REYNOLDS ST./LADD ST. INTERSECTION TO MATCH PAVEMENT CONSTRUCTED IN STAGE 2. CONSTRUCT TEMPORARY HMA RAMP FROM STA 53+90 TO STA 55+04 USING A MINIMUM TAPER RATE OF 1:40 (V:H). REMOVE ALL TEMPORARY PAVEMENT FROM SOUTH EDGE OF REYNOLDS ST. CONSTRUCT TEMPORARY PAVEMENT ON THE NORTH SIDE OF REYNOLDS ST. FROM STA 59+70 TO THE EAST NEEDED FOR STAGE 3.

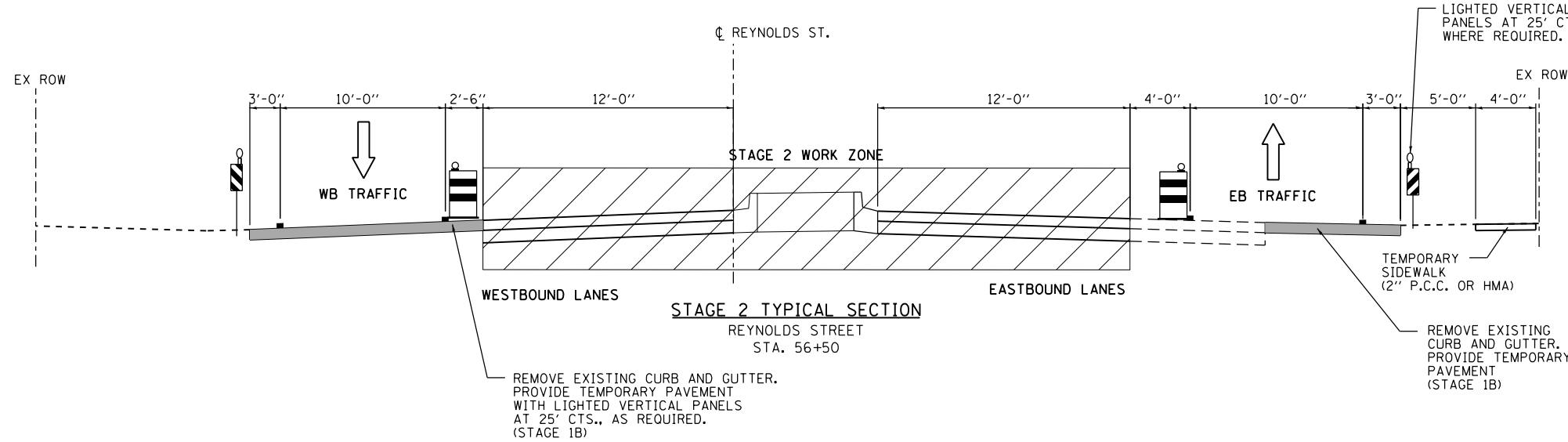
**GENERAL STAGING NOTES**

SEE MOT SHEET 1 FOR GENERAL STAGING NOTES, INCLUDING SEWER CONSTRUCTION AND COORDINATION OF RAILROAD OPERATIONS.

IDOT STANDARD 701801-05 SHALL BE USED WHERE, AT ANY TIME, PEDESTRIAN TRAFFIC MUST BE REROUTED DUE TO CONSTRUCTION WORK BEING PERFORMED, INCLUDING THE CLOSURES OF SIDEWALKS, CROSSWALKS, AND CORNERS.

**LEGEND**

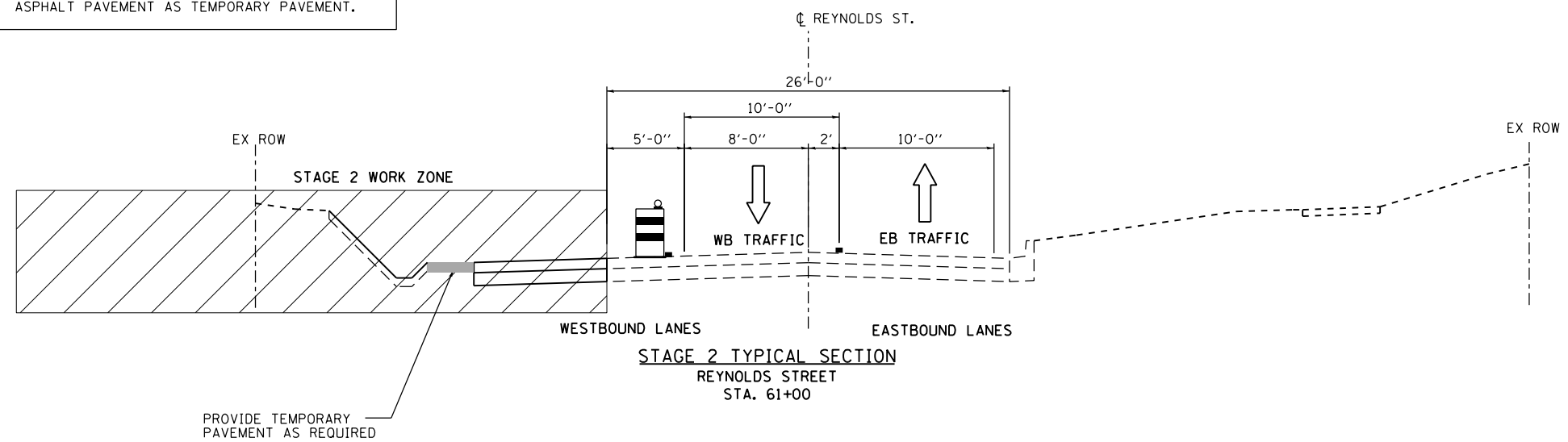
- TEMPORARY PAVEMENT MARKING LINE (SEE MOT PLANS FOR TYPE, COLOR AND LOCATION)
- TEMPORARY PAVEMENT (SEE MOT PLAN SHEETS FOR SPECIFICS)
-  DRUM WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
-  DIRECTION OF TRAFFIC
-  TYPE II BARRICADE WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
-  VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT (25' C-C TYPICAL)



THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 8" P.C.C. PAVEMENT OR 10" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.

REMOVE EXISTING CURB AND GUTTER. PROVIDE TEMPORARY PAVEMENT WITH LIGHTED VERTICAL PANELS AT 25' CTS., AS REQUIRED. (STAGE 1B)

REMOVE EXISTING CURB AND GUTTER. PROVIDE TEMPORARY PAVEMENT (STAGE 1B)



FILE NAME: c:\ywork\working\drw\reyn\_brouk\transportation\sta2\565\_0366019-ah1-staging-001.dgn



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISIONS -	
PLOT SCALE = 20.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
TYPICAL SECTIONS	
SCALE: NTS	SHEET 2 OF 24 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	33
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

**STAGING NOTES – REYNOLDS STREET**

**STAGE 3 TRAFFIC:**  
 SHIFT TRAFFIC FROM STATION 54+50 TO 56+00 TO THE NORTH SIDE OF REYNOLDS ST. SHIFT TRAFFIC FROM STA 56+00 TO 58+00 TO THE NEW CENTER LANES. USE TEMPORARY SIGNAL GATE IN THE MEDIAN WEST OF THE CROSSING TO STOP EASTBOUND TRAFFIC. USE TEMPORARY SIGNAL GATE IN THE MEDIAN EAST OF THE CROSSING TO STOP WESTBOUND TRAFFIC. SHIFT TRAFFIC FROM STATION 58+00 TO 63+00 TO THE NORTH SIDE OF REYNOLDS ST. MAINTAIN MINIMUM 10' TRAVEL LANES IN EACH DIRECTION, UTILIZING EXISTING PAVEMENT, NEW PAVEMENT AND TEMPORARY PAVEMENT. THE WESTBOUND RIGHT TURN TO NORTHBOUND LADD ST. WILL BE RESTRICTED TEMPORARILY DURING CONSTRUCTION OF NEW PAVEMENT NEAR THE INTERSECTION.

**STAGE 3 CONSTRUCTION:**  
 ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS ON THE SOUTH SIDE OF REYNOLDS ST. DO NOT CONSTRUCT CURB OR SIDEWALK IN THE SOUTHWEST AND SOUTHEAST CORNERS OF THE REYNOLDS ST./LADD ST. INTERSECTION WHERE TEMPORARY PAVEMENT IS NEEDED. DO NOT CONSTRUCT CURB WHERE TEMPORARY WIDENING IS NEEDED ON THE NORTH SIDE OF REYNOLDS ST. PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS AS NEEDED ON INLETS LOCATED IN TEMPORARY PAVEMENT AREAS. CONSTRUCT ALL STORM SEWERS, MANHOLES, CATCH BASINS, AND INLETS ALONG OLD AIRPORT ROAD.

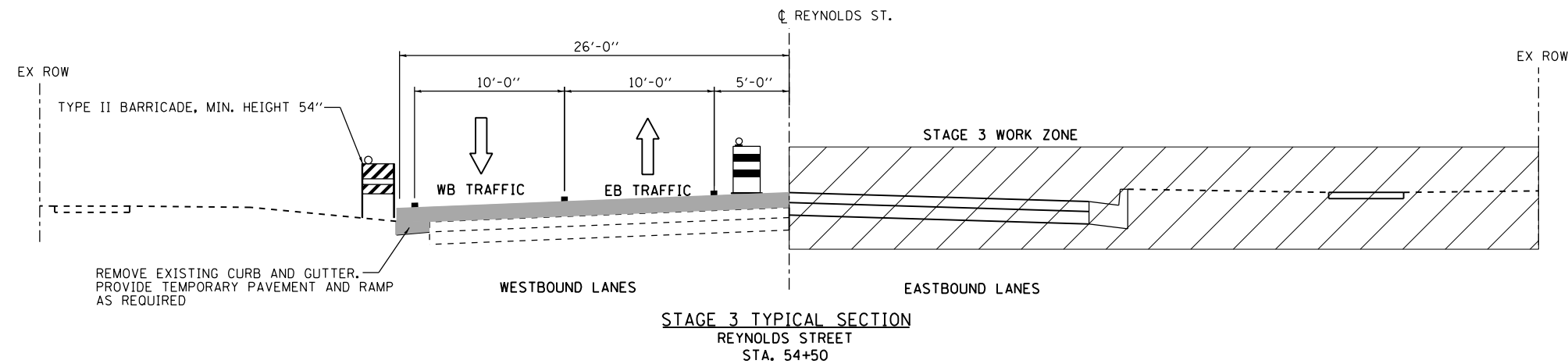
**GENERAL STAGING NOTES**

SEE MOT SHEET 1 FOR GENERAL STAGING NOTES, INCLUDING SEWER CONSTRUCTION AND COORDINATION OF RAILROAD OPERATIONS.

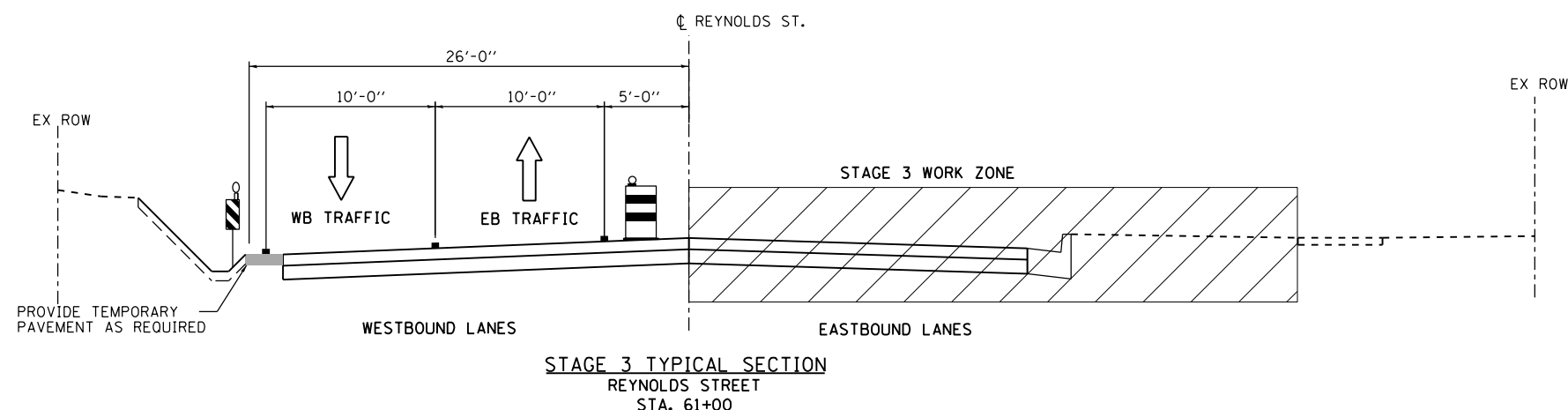
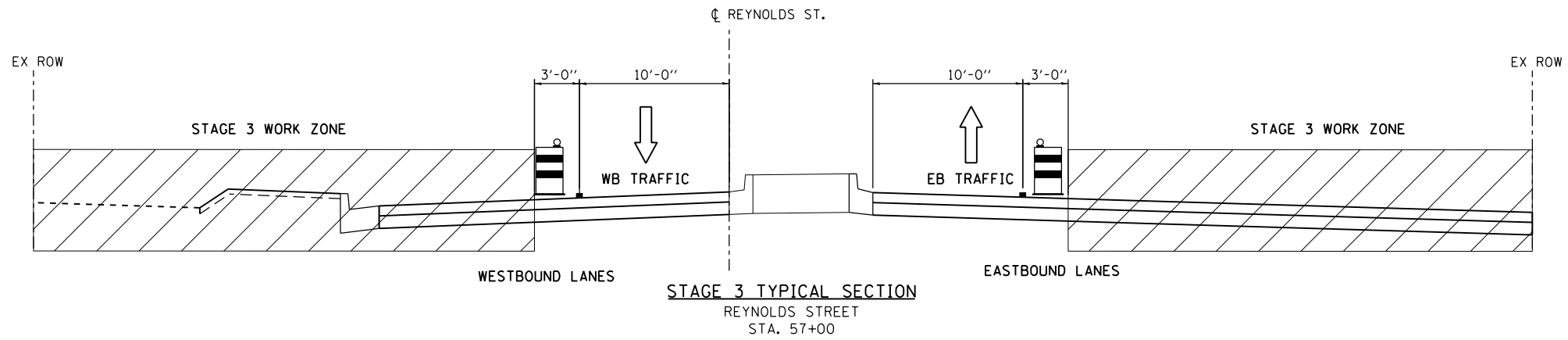
IDOT STANDARD 701801-05 SHALL BE USED WHERE, AT ANY TIME, PEDESTRIAN TRAFFIC MUST BE REROUTED DUE TO CONSTRUCTION WORK BEING PERFORMED, INCLUDING THE CLOSURES OF SIDEWALKS, CROSSWALKS, AND CORNERS.

**LEGEND**

- TEMPORARY PAVEMENT MARKING LINE (SEE MOT PLANS FOR TYPE, COLOR AND LOCATION)
- TEMPORARY PAVEMENT (SEE MOT PLAN SHEETS FOR SPECIFICS)
- ⦿ DRUM WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
- ↑ DIRECTION OF TRAFFIC
- ⦿ TYPE II BARRICADE WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
- ⦿ VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT (25' C-C TYPICAL)



THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 8" P.C.C. PAVEMENT OR 10" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.



FILE NAME: c:\nework\hwy\drw\reynolds\transportation\sta54-63\staging\_001.dgn

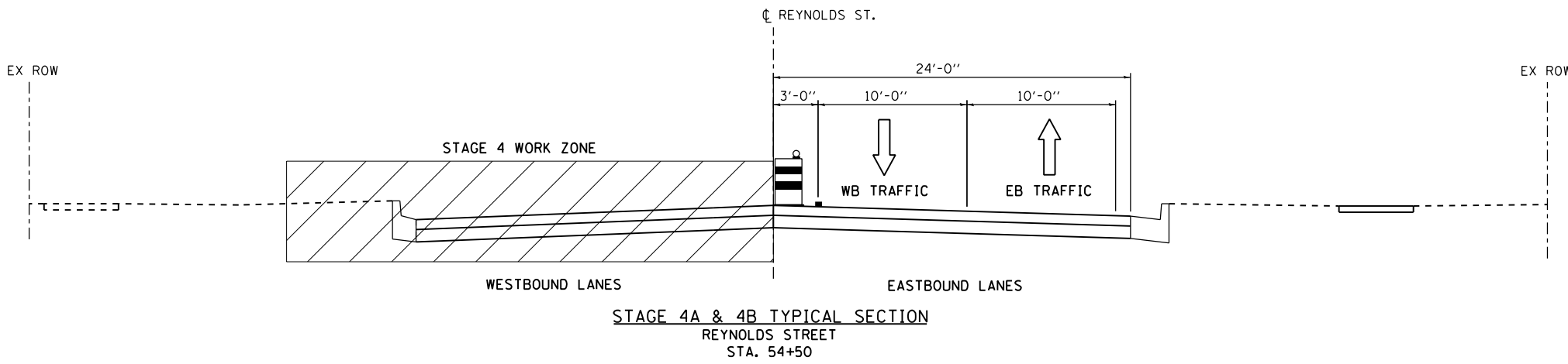


USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

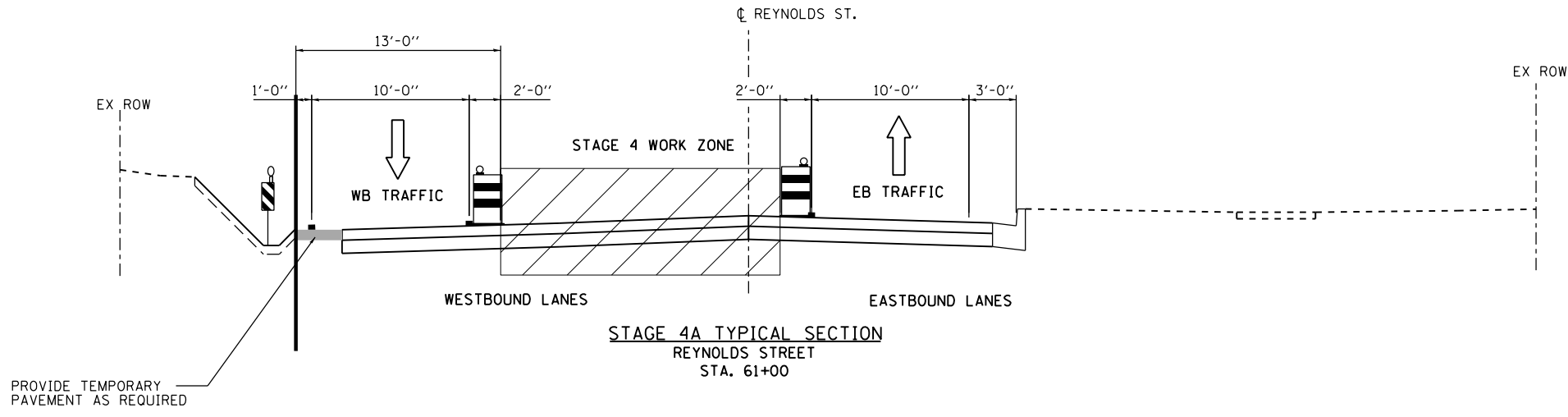
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
TYPICAL SECTIONS	
SCALE: NTS	SHEET 3 OF 24 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	34
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				

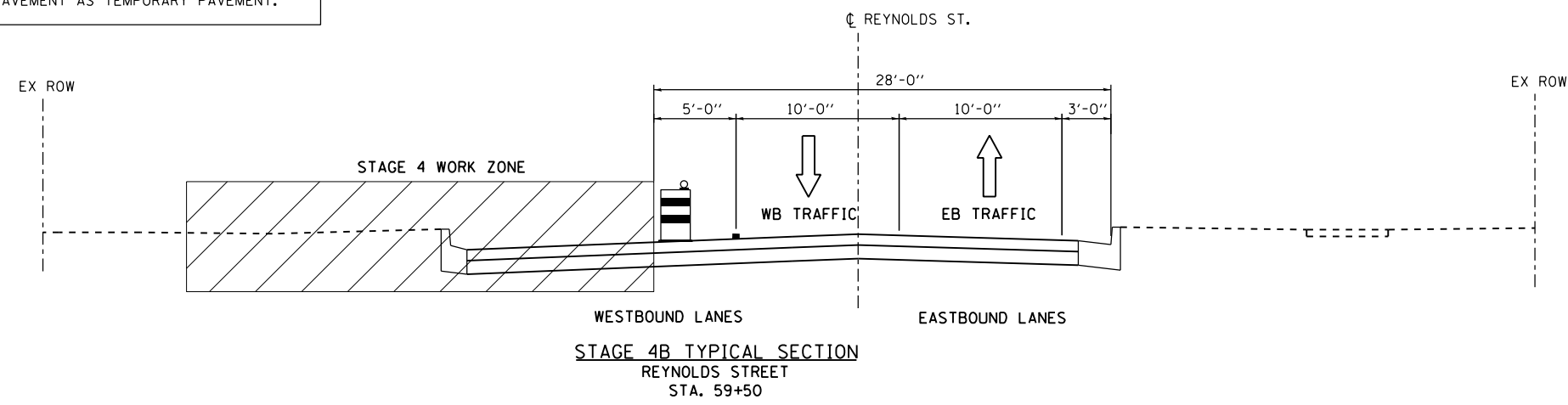


STAGE 4A & 4B TYPICAL SECTION  
REYNOLDS STREET  
STA. 54+50



STAGE 4A TYPICAL SECTION  
REYNOLDS STREET  
STA. 61+00

THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 8" P.C.C. PAVEMENT OR 10" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.



STAGE 4B TYPICAL SECTION  
REYNOLDS STREET  
STA. 59+50

**STAGING NOTES – REYNOLDS STREET**

STAGE 4A TRAFFIC:  
SHIFT TRAFFIC FROM STA 54+50 TO 56+00 TO THE SOUTH SIDE OF REYNOLDS ST. (MINIMUM 10' TRAVEL LANES IN EACH DIRECTION). TRAFFIC REMAINS IN THE CENTER LANES FROM STA 56+00 TO 58+00. SHIFT EB TRAFFIC TO THE SOUTH SIDE OF REYNOLDS ST. FROM STA 58+00 TO 63+00. THE EASTBOUND RIGHT TURN TO SOUTHBOUND LADD ST. WILL BE RESTRICTED TEMPORARILY DURING CONSTRUCTION OF NEW PAVEMENT NEAR THE INTERSECTION. MAINTAIN MINIMUM 10' TRAVEL LANES IN EACH DIRECTION, UTILIZING NEW PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 4B TRAFFIC:  
EB REYNOLDS ST. TRAFFIC REMAINS SHIFTED TO THE SOUTH SIDE OF REYNOLDS ST. SHIFT WB TRAFFIC TO THE CENTER LANES FROM 57+80 TO 60+39. MAINTAIN MINIMUM 10' TRAVEL LANES IN EACH DIRECTION, UTILIZING NEW PAVEMENT.

STAGE 4A CONSTRUCTION:  
INSTALL PERMANENT SIGNALS AND GATES. ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS ON THE NORTH SIDE OF REYNOLDS ST FROM STA 54+50 TO 56+00. ROADWAY WORK ALSO INCLUDES CONSTRUCTION OF ALL ITEMS IN THE CENTER LANE FROM STA 58+75 TO 63+00. DO NOT CONSTRUCT CURB OR SIDEWALK IN THE SOUTHEAST CORNER OF THE REYNOLDS ST./LADD ST. INTERSECTION WHERE TEMPORARY PAVEMENT IS NEEDED. PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS AS NEEDED ON INLETS LOCATED IN TEMPORARY PAVEMENT AREAS.

STAGE 4B CONSTRUCTION:  
ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS ON THE NORTH SIDE OF REYNOLDS ST. FROM STA 57+80 TO 59+70.

POST STAGE 4 CONSTRUCTION:  
REMOVE ALL TEMPORARY PAVEMENT FROM NORTH EDGE OF REYNOLDS ST. AND PLACE NEW CURB AND GUTTER ALONG NORTH EDGE OF ROAD.

**GENERAL STAGING NOTES**

SEE MOT SHEET 1 FOR GENERAL STAGING NOTES, INCLUDING SEWER CONSTRUCTION AND COORDINATION OF RAILROAD OPERATIONS.

IDOT STANDARD 701801-05 SHALL BE USED WHERE, AT ANY TIME, PEDESTRIAN TRAFFIC MUST BE REROUTED DUE TO CONSTRUCTION WORK BEING PERFORMED, INCLUDING THE CLOSURES OF SIDEWALKS, CROSSWALKS, AND CORNERS.

**LEGEND**

- TEMPORARY PAVEMENT MARKING LINE (SEE MOT PLANS FOR TYPE, COLOR AND LOCATION)
- TEMPORARY PAVEMENT (SEE MOT PLAN SHEETS FOR SPECIFICS)
- ☒ DRUM WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
- ☒ TYPE II BARRICADE WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
- ↑ DIRECTION OF TRAFFIC
- ☒ VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT (25' C-C TYPICAL)

FILE NAME: c:\pwworking\draw\reynolds\transportation\sta59+50\sta59+50.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
TYPICAL SECTIONS	
SCALE: NTS	SHEET 4 OF 24 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	35
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				

**STAGING NOTES – REYNOLDS STREET**

**STAGE 5 TRAFFIC:**  
 SHIFT TRAFFIC FROM STA 54+50 TO 56+00 TO THE NORTH SIDE OF REYNOLDS ST. (MINIMUM 10' TRAVEL LANES IN EACH DIRECTION). TRAFFIC REMAINS ON THE NORTH SIDE LANES FROM STA 56+00 TO 58+00. SHIFT EB TRAFFIC TO THE SOUTH SIDE OF REYNOLDS ST. FROM STA 58+00 TO 63+00. THE EASTBOUND RIGHT TURN TO SOUTHBOUND LADD ST. AND NORTHBOUND LEFT TURN TO WESTBOUND REYNOLDS ST. WILL BE RESTRICTED DURING THIS STAGE FOR THE CONSTRUCTION OF NEW PAVEMENT NEAR THE INTERSECTION. MAINTAIN MINIMUM 10' TRAVEL LANES IN EACH DIRECTION.

**STAGE 5 CONSTRUCTION:**  
 ROADWAY WORK INCLUDES PAVEMENT CONSTRUCTION IN THE SOUTHWEST QUADRANT OF THE REYNOLDS ST./LADD ST. INTERSECTION. DO NOT CONSTRUCT CURB IN THE SOUTHEAST CORNER OF THE REYNOLDS ST./LADD ST. INTERSECTION WHERE TEMPORARY PAVEMENT IS NEEDED. CONSTRUCT THE REMAINING PORTION OF THE CENTER MEDIAN FROM STA 56+20 TO STA 56+36. PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS AS NEEDED ON INLETS LOCATED IN TEMPORARY PAVEMENT AREAS.

**POST STAGE 5 CONSTRUCTION:**  
 PLACE NEW CURB AND GUTTER IN THE SOUTHEAST CORNER OF THE REYNOLDS ST./LADD ST. INTERSECTION, AND CONSTRUCT NEW SIDEWALK (WHERE REQUIRED).

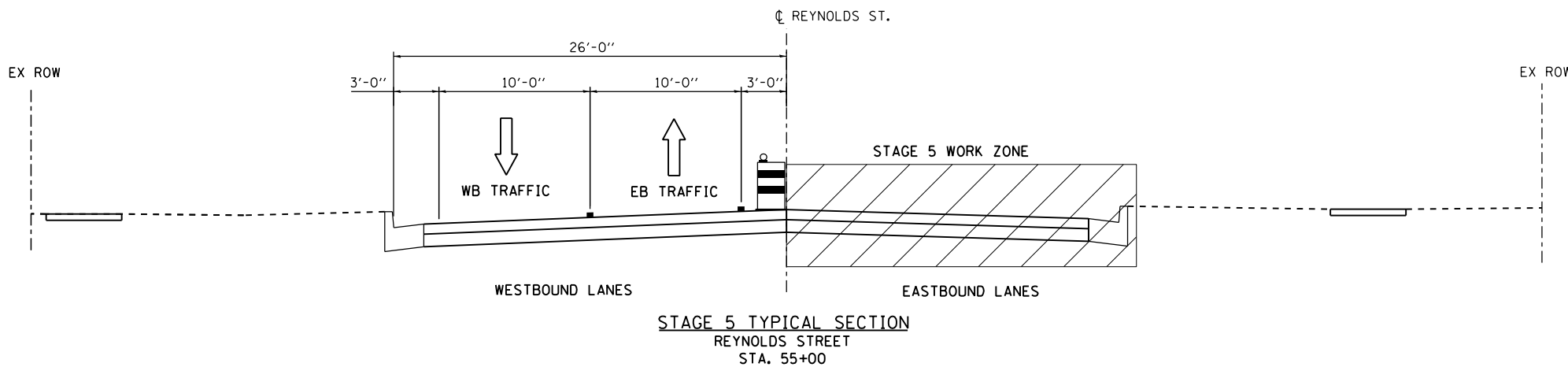
**STAGE 6 TRAFFIC:**  
 TEMPORARILY CLOSE THE REYNOLDS ST./LADD ST. INTERSECTION TO CONSTRUCT REMAINING PAVEMENT.

**STAGE 6 CONSTRUCTION:**  
 ADD PERMANENT PAVEMENT MARKINGS AND LANDSCAPING.







**GENERAL STAGING NOTES**

SEE MOT SHEET 1 FOR GENERAL STAGING NOTES, INCLUDING SEWER CONSTRUCTION AND COORDINATION OF RAILROAD OPERATIONS.

IDOT STANDARD 701801-05 SHALL BE USED WHERE, AT ANY TIME, PEDESTRIAN TRAFFIC MUST BE REROUTED DUE TO CONSTRUCTION WORK BEING PERFORMED, INCLUDING THE CLOSURES OF SIDEWALKS, CROSSWALKS, AND CORNERS.



**LEGEND**

-  TEMPORARY PAVEMENT MARKING LINE (SEE MOT PLANS FOR TYPE, COLOR AND LOCATION)
-  TEMPORARY PAVEMENT (SEE MOT PLAN SHEETS FOR SPECIFICS)
-  DRUM WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
-  DIRECTION OF TRAFFIC
-  TYPE II BARRICADE WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
-  VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT (25' C-C TYPICAL)

FILE NAME = c:\ywork\hwy\drw\br\br\transportation\mst\mst2\2586\0366019-ah1-staging-001.dgn



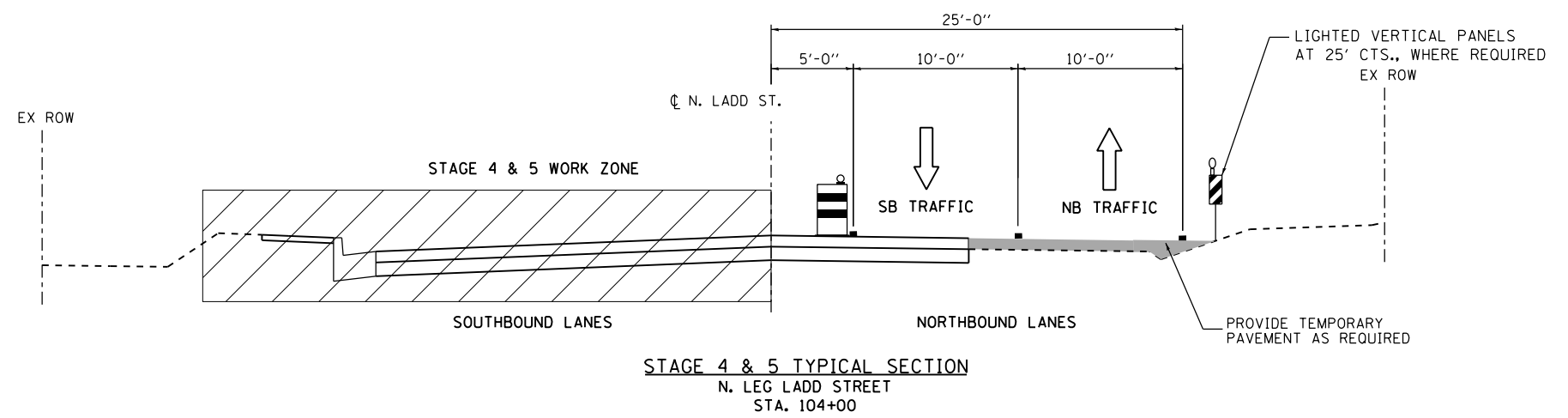
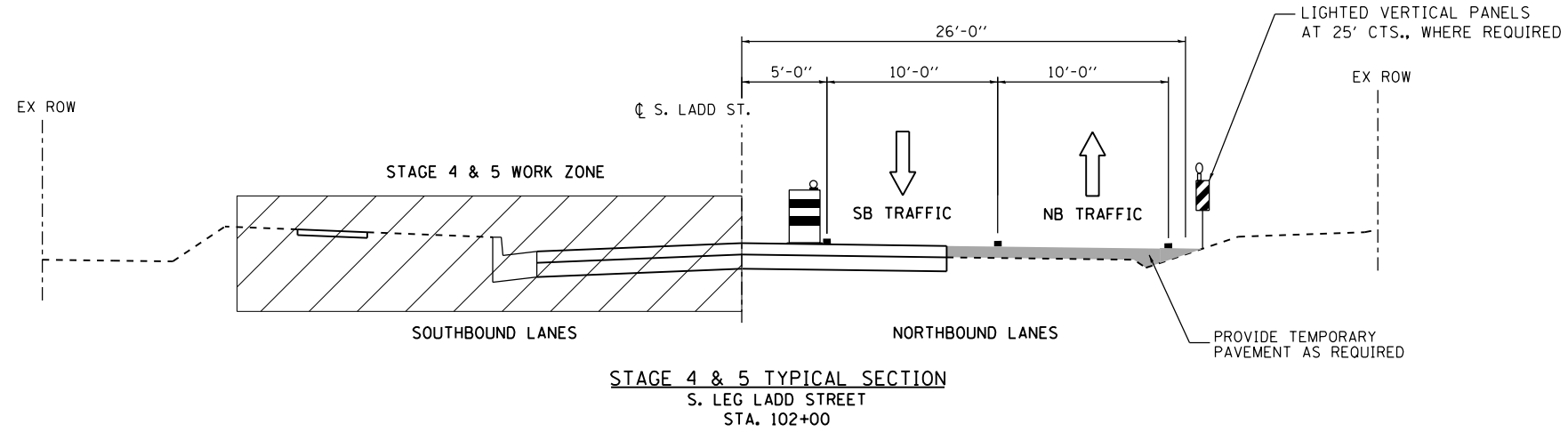
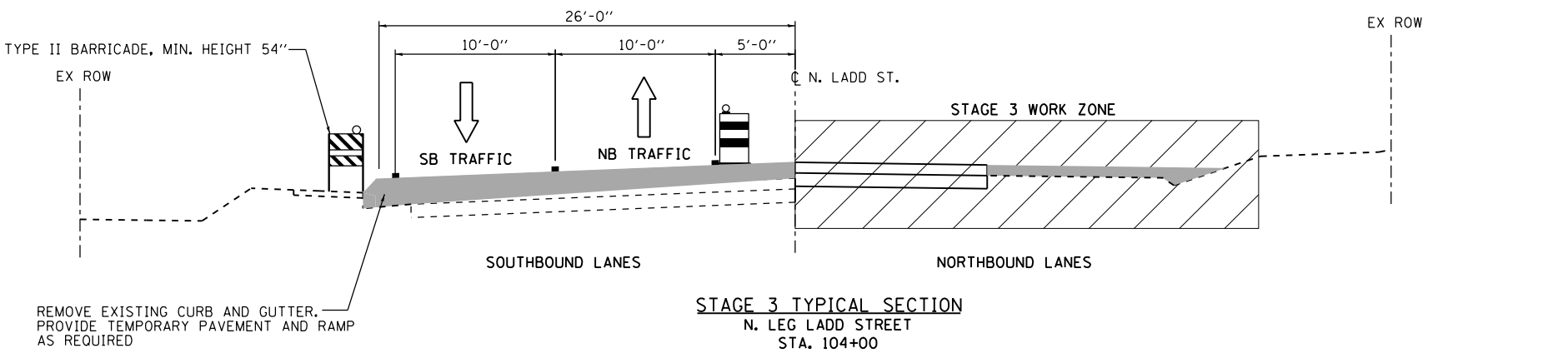
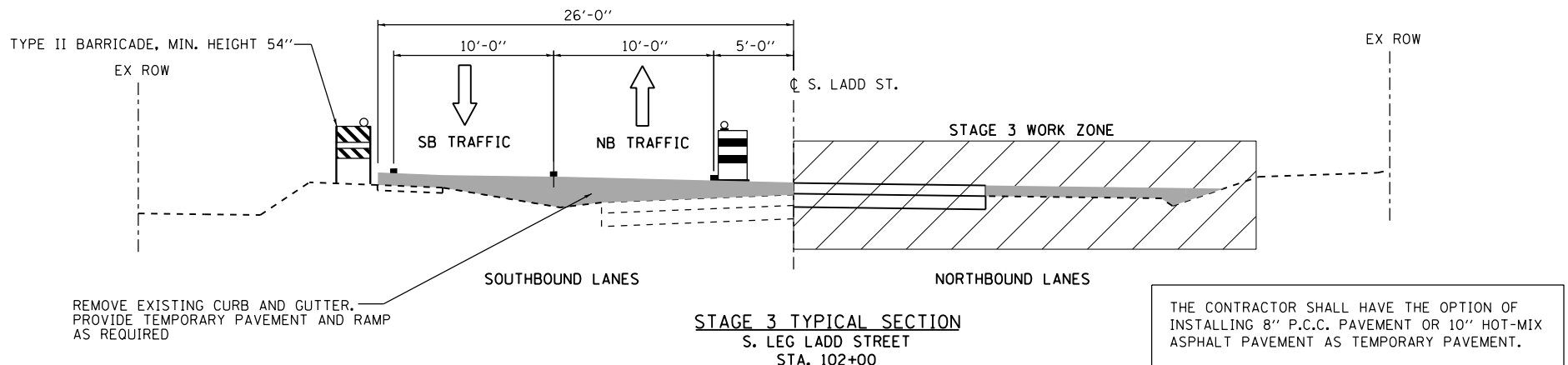
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
TYPICAL SECTIONS	
SCALE: NTS	SHEET 5 OF 24 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	36
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				





**STAGING NOTES – SOUTH LEG LADD STREET**

**STAGE 3 TRAFFIC:**  
EXISTING LADD ST. TRAFFIC WILL BE SHIFTED TO WEST SIDE OF THE STREET (MINIMUM 10' TRAVEL LANE IN EACH DIRECTION). PROVIDE TEMPORARY PAVEMENT AS INDICATED ON MOT PLANS TO ACCOMODATE UNIMPEDED TWO WAY TRAFFIC.

**STAGE 3 CONSTRUCTION:**  
CONSTRUCT TEMPORARY HMA RAMP FROM STA 101+48 TO STA 102+46 USING A MINIMUM TAPER RATE OF 1:40 (V:H). REMOVE EAST HALF OF LADD ST. PAVEMENT AND WEST EDGE CURB AND GUTTER. CONSTRUCT NEW ROADWAY PAVEMENT FROM PROPOSED LADD ST. CENTERLINE TO EAST. DO NOT CONSTRUCT CURB AND GUTTER ON THE EAST SIDE OF LADD ST.

**STAGE 4 & 5 TRAFFIC:**  
LADD STREET TRAFFIC SHIFTED TO THE EAST SIDE. MAINTAIN MINIMUM 10' TRAVEL LANES IN EACH DIRECTION, UTILIZING TEMPORARY PAVEMENT.

**STAGE 4 CONSTRUCTION:**  
REMOVE WEST HALF OF LADD ST. PAVEMENT. COMPLETE NEW ROADWAY PAVEMENT FROM PROPOSED LADD ST. CENTERLINE TO WEST, INCLUDING CURB AND GUTTER, AND SIDEWALK. PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS AS NEEDED ON INLETS LOCATED IN TEMPORARY PAVEMENT AREAS.

**STAGING NOTES – NORTH LEG LADD STREET**

**STAGE 3 TRAFFIC:**  
EXISTING LADD ST. TRAFFIC WILL BE SHIFTED TO EAST SIDE OF THE STREET (MINIMUM 10' TRAVEL LANE IN EACH DIRECTION). PROVIDE TEMPORARY PAVEMENT AS INDICATED ON MOT PLANS TO ACCOMODATE UNIMPEDED TWO WAY TRAFFIC.

**STAGE 3 CONSTRUCTION:**  
CONSTRUCT TEMPORARY HMA RAMP FROM STA 103+39 TO STA 104+37 USING A MINIMUM TAPER RATE OF 1:40 (V:H). REMOVE EAST HALF OF LADD ST. PAVEMENT AND WEST EDGE CURB AND GUTTER. CONSTRUCT NEW ROADWAY PAVEMENT FROM PROPOSED LADD ST. CENTERLINE TO EAST. DO NOT CONSTRUCT CURB AND GUTTER ON THE EAST SIDE OF LADD ST.

**STAGE 4 & 5 TRAFFIC:**  
LADD STREET TRAFFIC SHIFTED TO THE EAST SIDE. MAINTAIN MINIMUM 10' TRAVEL LANES IN EACH DIRECTION, UTILIZING TEMPORARY PAVEMENT.

**STAGE 4 CONSTRUCTION:**  
REMOVE WEST HALF OF LADD ST. PAVEMENT. COMPLETE NEW ROADWAY PAVEMENT FROM PROPOSED LADD ST. CENTERLINE TO WEST, INCLUDING CURB AND GUTTER, AND SIDEWALK. PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS AS NEEDED ON INLETS LOCATED IN TEMPORARY PAVEMENT AREAS.

**POST STAGE 5 CONSTRUCTION:**  
PLACE NEW CURB AND GUTTER ALONG THE EAST EDGE OF NORTH AND SOUTH LADD ST. CONSTRUCT NEW SIDEWALK (WHERE REQUIRED). ADD PERMANENT PAVEMENT MARKINGS AND LANDSCAPING.

**STAGING NOTES – OLD AIRPORT ROAD**

**STAGE 3 TRAFFIC:**  
CLOSE OLD AIRPORT ROAD TO TRAFFIC.

**STAGE 3 CONSTRUCTION:**  
ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS ON OLD AIRPORT ROAD.

**STAGE 4 & 5 TRAFFIC:**  
OPEN OLD AIRPORT ROAD TO TRAFFIC.

**GENERAL STAGING NOTES**

SEE MOT SHEET 1 FOR GENERAL STAGING NOTES, INCLUDING SEWER CONSTRUCTION AND COORDINATION OF RAILROAD OPERATIONS.

IDOT STANDARD 701801-05 SHALL BE USED WHERE, AT ANY TIME, PEDESTRIAN TRAFFIC MUST BE REROUTED DUE TO CONSTRUCTION WORK BEING PERFORMED, INCLUDING THE CLOSURES OF SIDEWALKS, CROSSWALKS, AND CORNERS.

**LEGEND**

- TEMPORARY PAVEMENT MARKING LINE (SEE MOT PLANS FOR TYPE, COLOR AND LOCATION)
- TEMPORARY PAVEMENT (SEE MOT PLAN SHEETS FOR SPECIFICS)
- ☰ DRUM WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
- ↑ DIRECTION OF TRAFFIC
- ☒ TYPE II BARRICADE WITH STEADY BURNING LIGHT (25' C-C TYPICAL)
- ☒ VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT (25' C-C TYPICAL)

FILE NAME: c:\ywork\hwy\drw\brn\brn\transport\staging\sta102\staging\_021.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
TYPICAL SECTIONS	
SCALE: NTS	SHEET 6 OF 24 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	37
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				

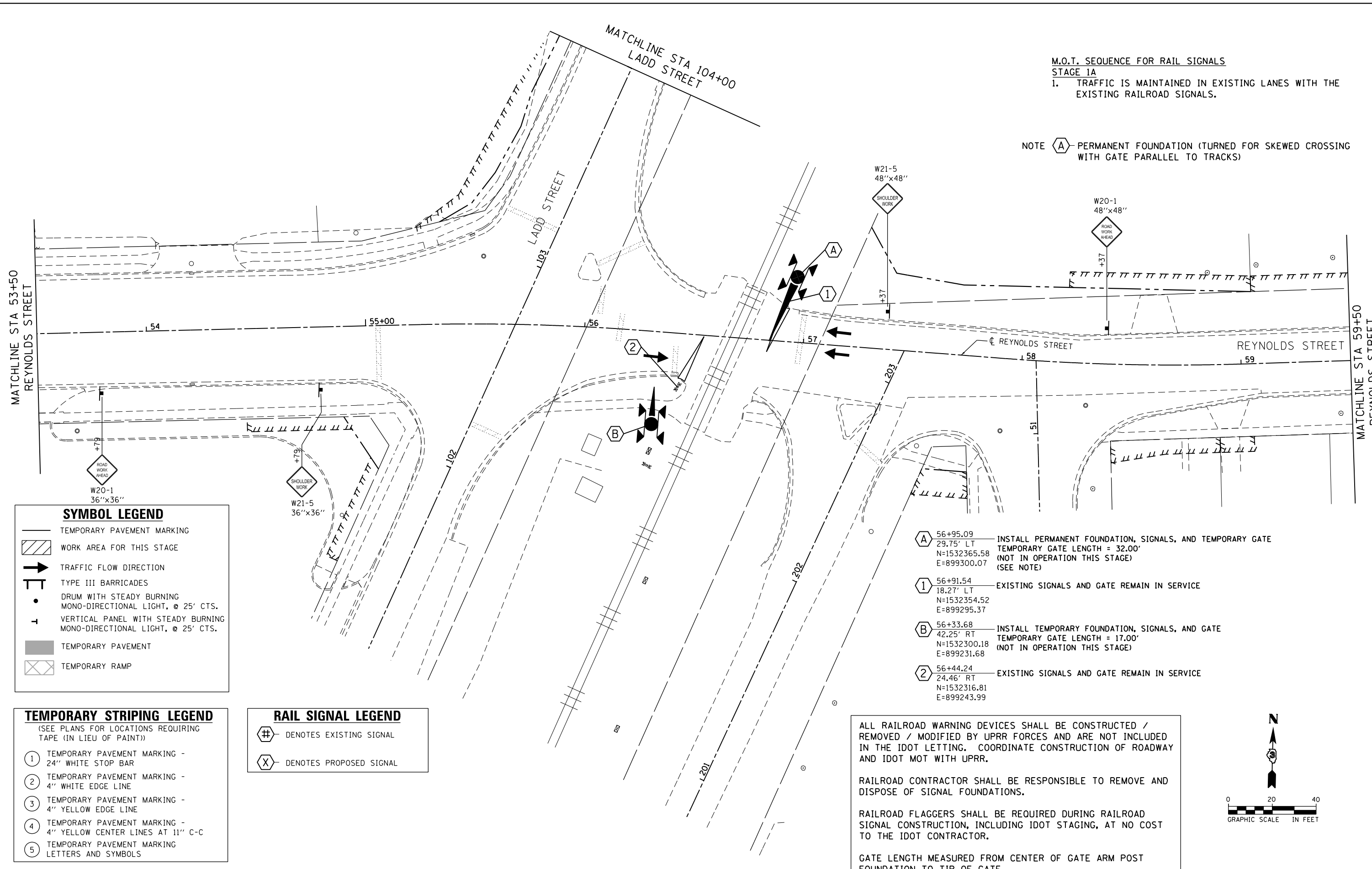




**M.O.T. SEQUENCE FOR RAIL SIGNALS  
STAGE 1A**

1. TRAFFIC IS MAINTAINED IN EXISTING LANES WITH THE EXISTING RAILROAD SIGNALS.

NOTE (A) PERMANENT FOUNDATION (TURNED FOR SKEWED CROSSING WITH GATE PARALLEL TO TRACKS)



**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- DENOTES EXISTING SIGNAL
- DENOTES PROPOSED SIGNAL

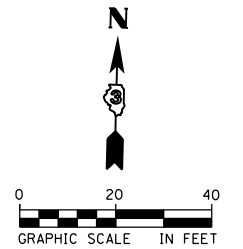
- (A) 56+95.09  
29.75' LT  
N=1532365.58  
E=899300.07  
INSTALL PERMANENT FOUNDATION, SIGNALS, AND TEMPORARY GATE  
TEMPORARY GATE LENGTH = 32.00'  
(NOT IN OPERATION THIS STAGE)  
(SEE NOTE)
- (1) 56+91.54  
18.27' LT  
N=1532354.52  
E=899295.37  
EXISTING SIGNALS AND GATE REMAIN IN SERVICE
- (B) 56+33.68  
42.25' RT  
N=1532300.18  
E=899231.68  
INSTALL TEMPORARY FOUNDATION, SIGNALS, AND GATE  
TEMPORARY GATE LENGTH = 17.00'  
(NOT IN OPERATION THIS STAGE)
- (2) 56+44.24  
24.46' RT  
N=1532316.81  
E=899243.99  
EXISTING SIGNALS AND GATE REMAIN IN SERVICE

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

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

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.



FILE NAME: c:\neworking\drw\brn\brn\transportation\m2586\0366019\skt\stage1a.mxd



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

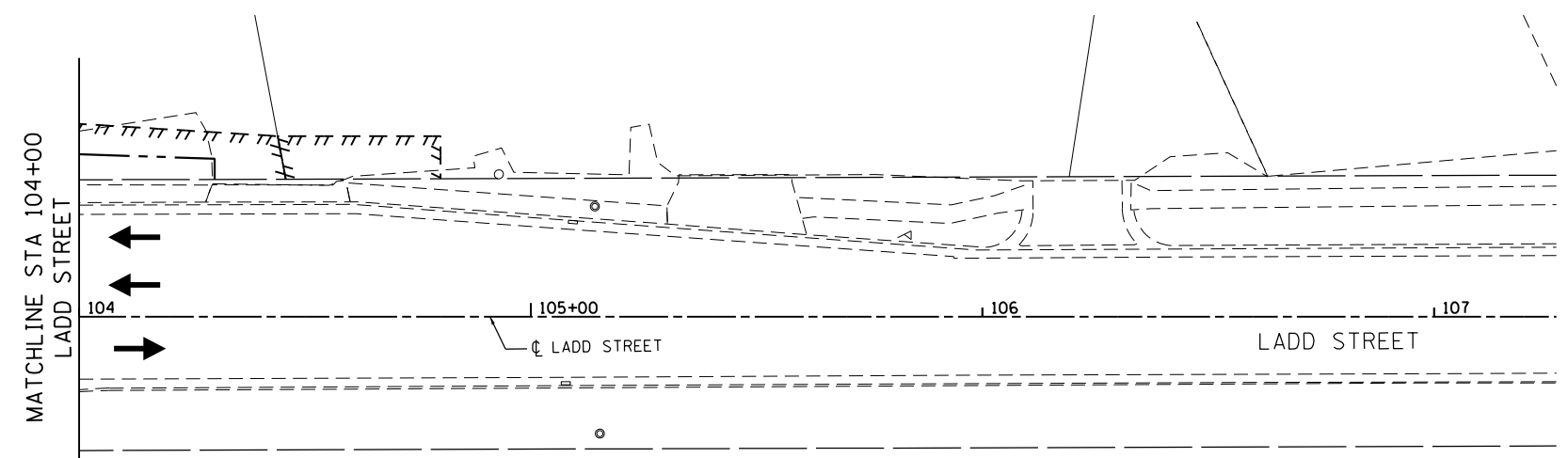
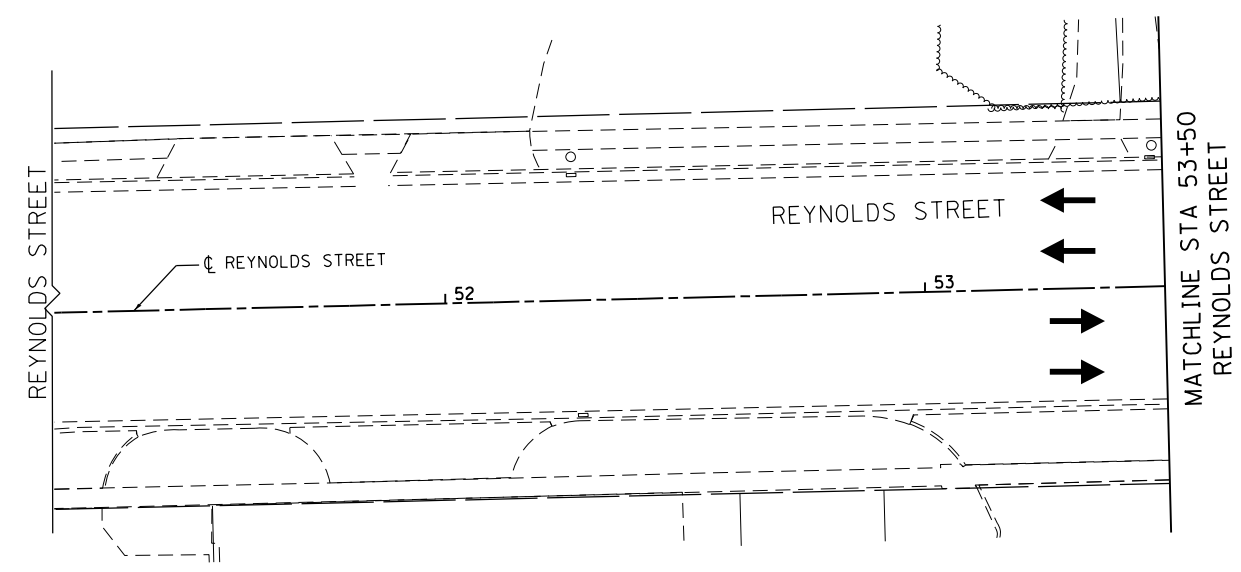
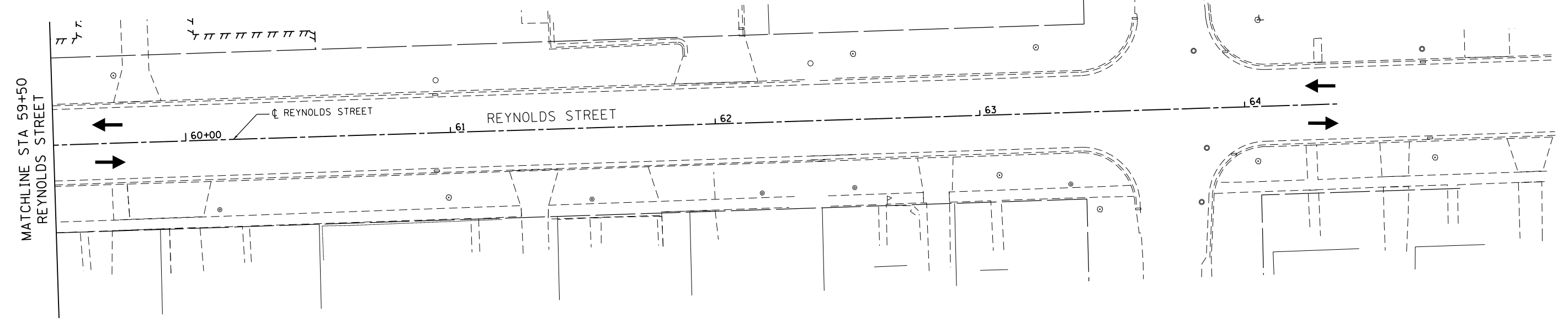
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS STREET - STAGE 1A**

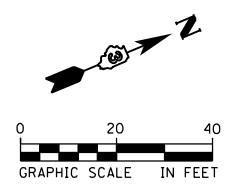
SCALE: 1" = 20' SHEET 9 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	40
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

SYMBOL LEGEND					
	TEMPORARY PAVEMENT MARKING		DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY RAMP
	WORK AREA FOR THIS STAGE		VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		
	TRAFFIC FLOW DIRECTION		TEMPORARY PAVEMENT		
	TYPE III BARRICADES				



TEMPORARY STRIPING LEGEND	
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))	
①	TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
②	TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
③	TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
④	TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
⑤	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS, LADD STREET - STAGE 1A  
SCALE: 1" = 20' SHEET 10 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00

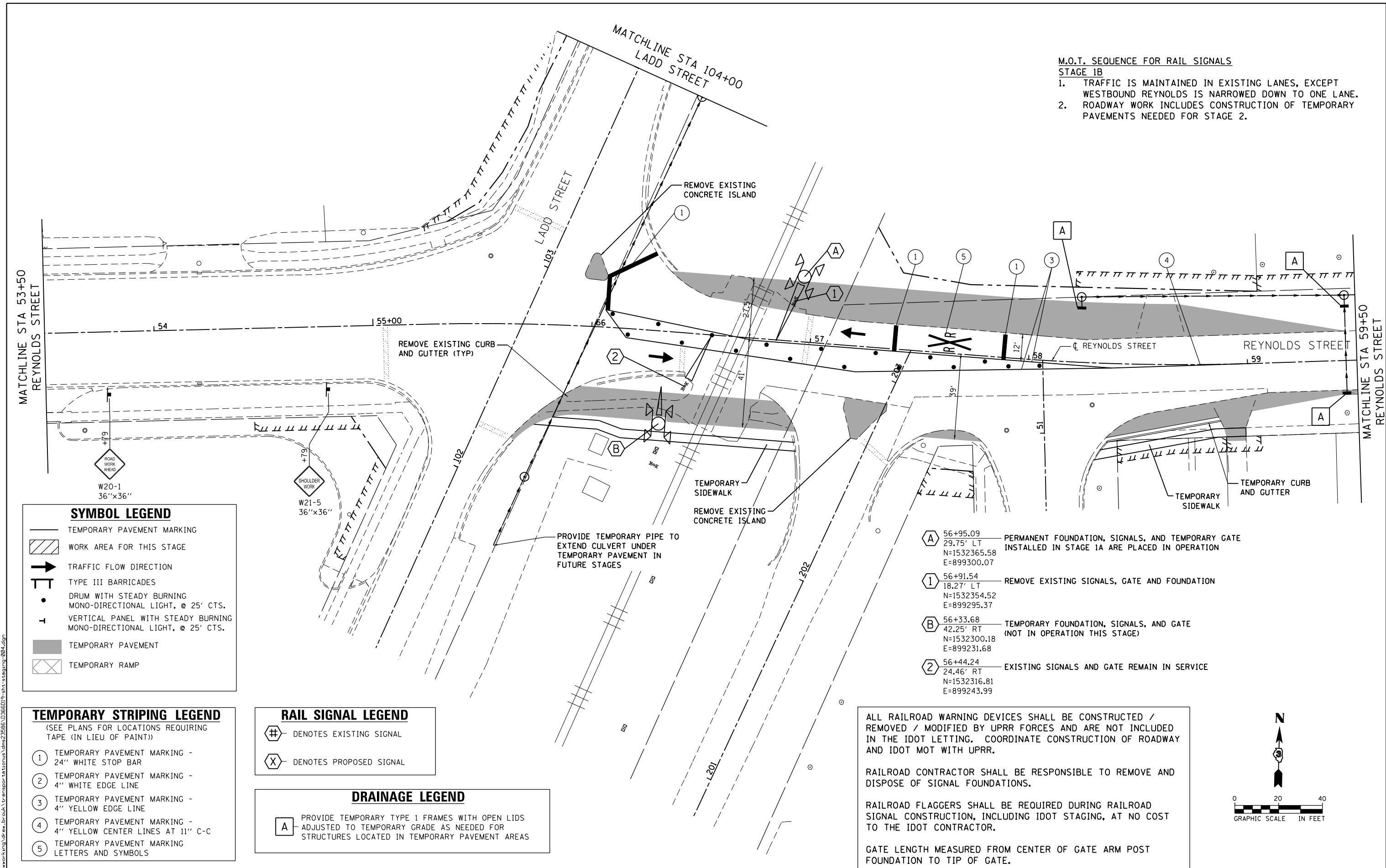
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	41
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

FILE NAME = c:\neworking\drw\re\br\re\transportation\mst\mst\2586\0366019-ah\1-staging\02.dgn

**M.O.T. SEQUENCE FOR RAIL SIGNALS**

**STAGE 1B**

1. TRAFFIC IS MAINTAINED IN EXISTING LANES, EXCEPT WESTBOUND REYNOLDS IS NARROWED DOWN TO ONE LANE.
2. ROADWAY WORK INCLUDES CONSTRUCTION OF TEMPORARY PAVEMENTS NEEDED FOR STAGE 2.



**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- 1 TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- 2 TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- 3 TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- 4 TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- DENOTES EXISTING SIGNAL
- DENOTES PROPOSED SIGNAL

**DRAINAGE LEGEND**

- PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS

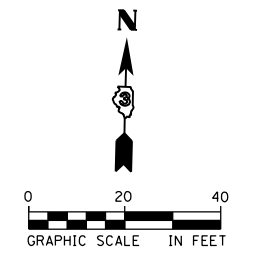
- A** 56+95.09  
29.75' LT  
N=1532365.58  
E=899300.07  
PERMANENT FOUNDATION, SIGNALS, AND TEMPORARY GATE INSTALLED IN STAGE 1A ARE PLACED IN OPERATION
- 1** 56+91.54  
18.27' LT  
N=1532354.52  
E=899295.37  
REMOVE EXISTING SIGNALS, GATE AND FOUNDATION
- B** 56+33.68  
42.25' RT  
N=1532300.18  
E=899231.68  
TEMPORARY FOUNDATION, SIGNALS, AND GATE (NOT IN OPERATION THIS STAGE)
- 2** 56+44.24  
24.46' RT  
N=1532316.81  
E=899243.99  
EXISTING SIGNALS AND GATE REMAIN IN SERVICE

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

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

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 Ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

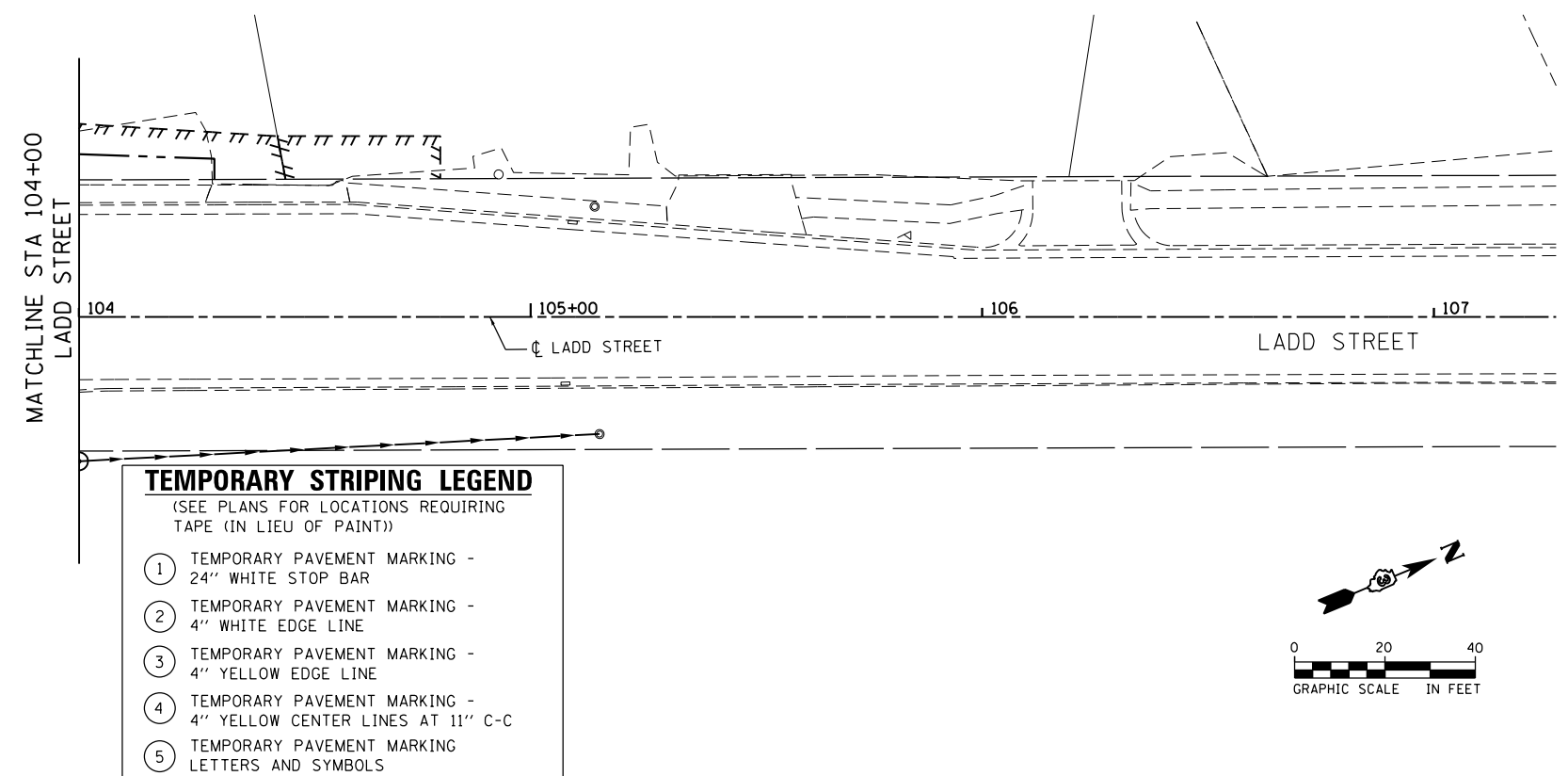
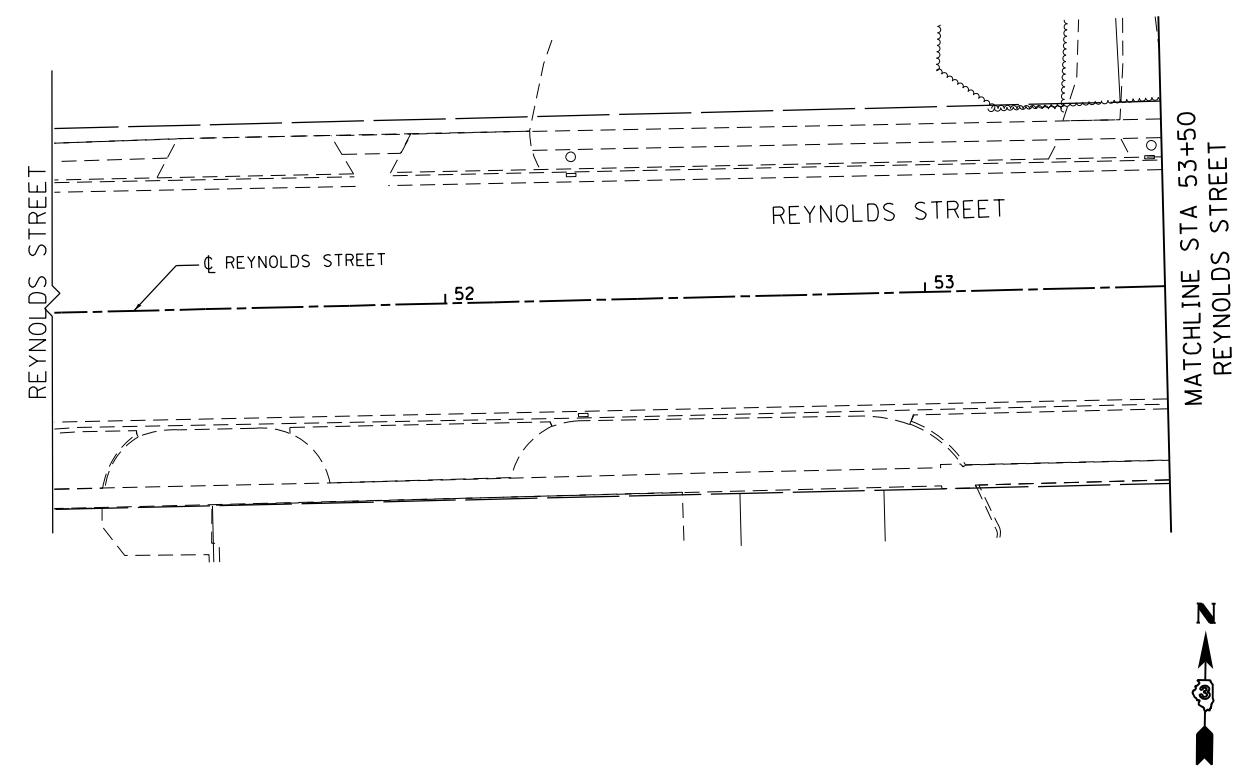
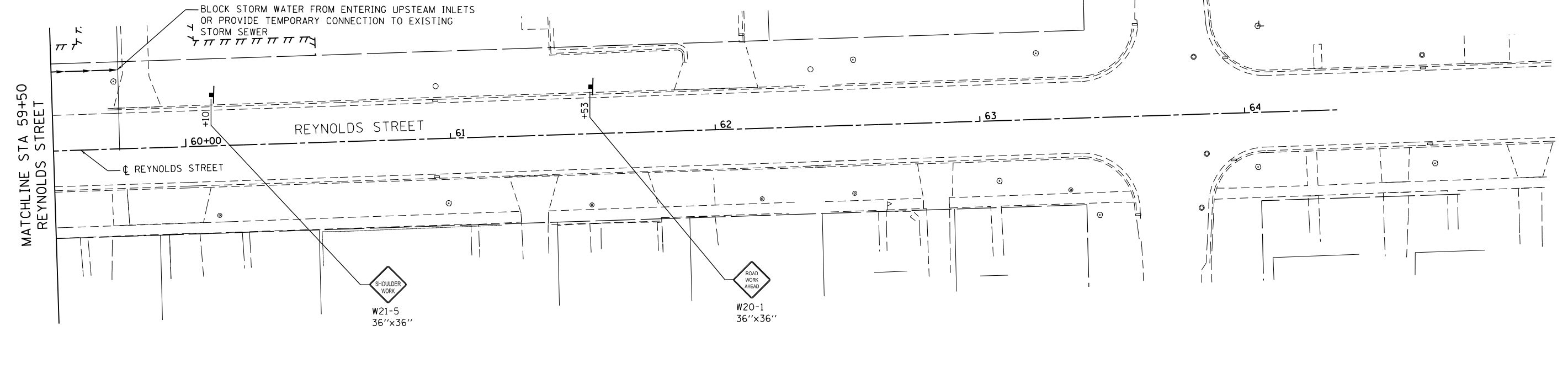
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS STREET - STAGE 1B**

SCALE: 1" = 20'	SHEET 11 OF 24 SHEETS	STA. 53+50.00 TO STA. 59+50.00
-----------------	-----------------------	--------------------------------

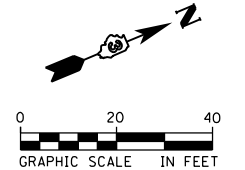
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	42
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

FILE NAME: c:\neworking\drw\reynolds\transportation\mtd\22586\_0366019\_sht11.dwg

SYMBOL LEGEND					
	TEMPORARY PAVEMENT MARKING		DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY RAMP
	WORK AREA FOR THIS STAGE		VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		
	TRAFFIC FLOW DIRECTION		TEMPORARY PAVEMENT		
	TYPE III BARRICADES				



TEMPORARY STRIPING LEGEND	
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))	
①	TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
②	TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
③	TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
④	TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
⑤	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS, LADD STREET - STAGE 1B  
SCALE: 1" = 20' SHEET 12 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	43
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

FILE NAME = c:\neworking\draw\_brouk\transportation\mst\mst21566\0366019-ah1-staging\_005.dgn

**RAIL SIGNAL LEGEND**

- # DENOTES EXISTING SIGNAL
- X DENOTES PROPOSED SIGNAL

**DRAINAGE LEGEND**

- A PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS

UPON COMPLETION OF STAGE 2, CONSTRUCT PLATFORM WITH TEMPORARY RAMPS TO MATCH STAGE 2 CONSTRUCTION USING STANDARD 701501.

**M.O.T. SEQUENCE FOR RAIL SIGNALS**

- STAGE 2**
1. TRAFFIC IS SHIFTED TO THE OUTSIDE TEMPORARY PAVEMENT.
  2. ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS FOR THE CENTER LANES INCLUDING THE NEW CENTER MEDIAN, CONSTRUCTION OF PAVEMENT WIDENING ON THE NORTH SIDE OF REYNOLDS ST. AND TEMPORARY PAVEMENT AS NEEDED FOR SUBSEQUENT STAGES

NOTE: PERMANENT FOUNDATION (TURNED FOR SKEWED CROSSING WITH GATE PARALLEL TO TRACKS)

MATCHLINE STA 53+50  
REYNOLDS STREET

MATCHLINE STA 59+50  
REYNOLDS STREET

**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TYPE II BARRICADE, MIN. HEIGHT 54"
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, (NON-REDIRECTIVE), TEST LEVEL 2

**TEMPORARY STRIPING LEGEND**

(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- 1 TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- 2 TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- 3 TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- 4 TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

IDOT STANDARD 701801-05 SHALL BE USED WHERE, AT ANY TIME, PEDESTRIAN TRAFFIC MUST BE REROUTED DUE TO CONSTRUCTION WORK BEING PERFORMED, INCLUDING THE CLOSURES OF SIDEWALKS, CROSSWALKS, AND CORNERS.

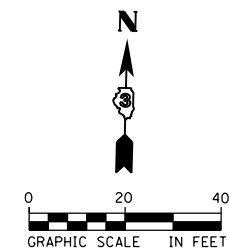
ALL RAILROAD WARNING DEVICES SHALL BE CONSTRUCTED / REMOVED / MODIFIED BY UPRR FORCES AND ARE NOT INCLUDED IN THE IDOT LETTING. COORDINATE CONSTRUCTION OF ROADWAY AND IDOT MOT WITH UPRR.

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

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

- 2 56+44.24  
24.46' RT  
N=1532316.81  
E=899243.99  
REMOVE EXISTING SIGNALS, GATE AND FOUNDATION
- A 56+95.09  
29.75' LT  
N=1532365.58  
E=899300.07  
PERMANENT SIGNALS AND TEMPORARY GATE REMAIN IN SERVICE (SHORTEN FROM STAGE 1)  
TEMPORARY GATE LENGTH = 16.20'
- B 56+33.68  
42.25' RT  
N=1532300.18  
E=899231.68  
TEMPORARY SIGNALS AND GATE REMAIN IN SERVICE
- C 56+82.34  
5.97' RT  
N=1532331.34  
E=899283.77  
INSTALL PERMANENT FOUNDATION AND SIGNALS WITH TEMPORARY GATE (NOT IN OPERATION THIS STAGE)  
TEMPORARY GATE LENGTH = 18.00' (SEE NOTE)
- D 56+50.32  
5.87' RT  
N=1532334.68  
E=899251.92  
INSTALL PERMANENT FOUNDATION AND SIGNALS WITH TEMPORARY GATE (NOT IN OPERATION THIS STAGE)  
TEMPORARY GATE LENGTH = 18.00' (SEE NOTE)



FILE NAME: c:\neworking\drw\brwb\transportation\dem2586\0366019-ah1-staging\_086.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISED -
CHECKED - JCM	REVISED -
DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS STREET - STAGE 2**

SCALE: 1" = 20' SHEET 13 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	44
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

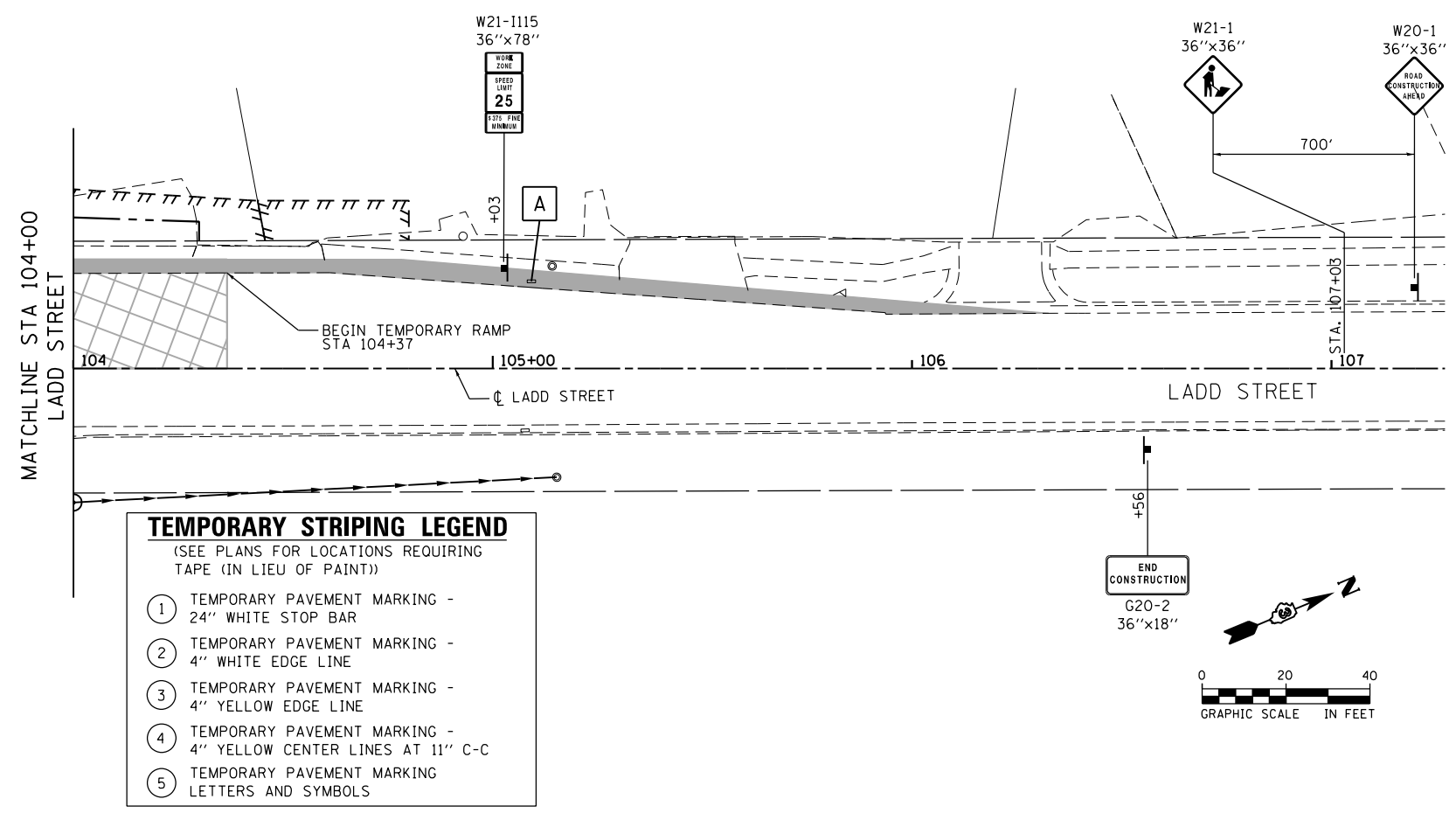
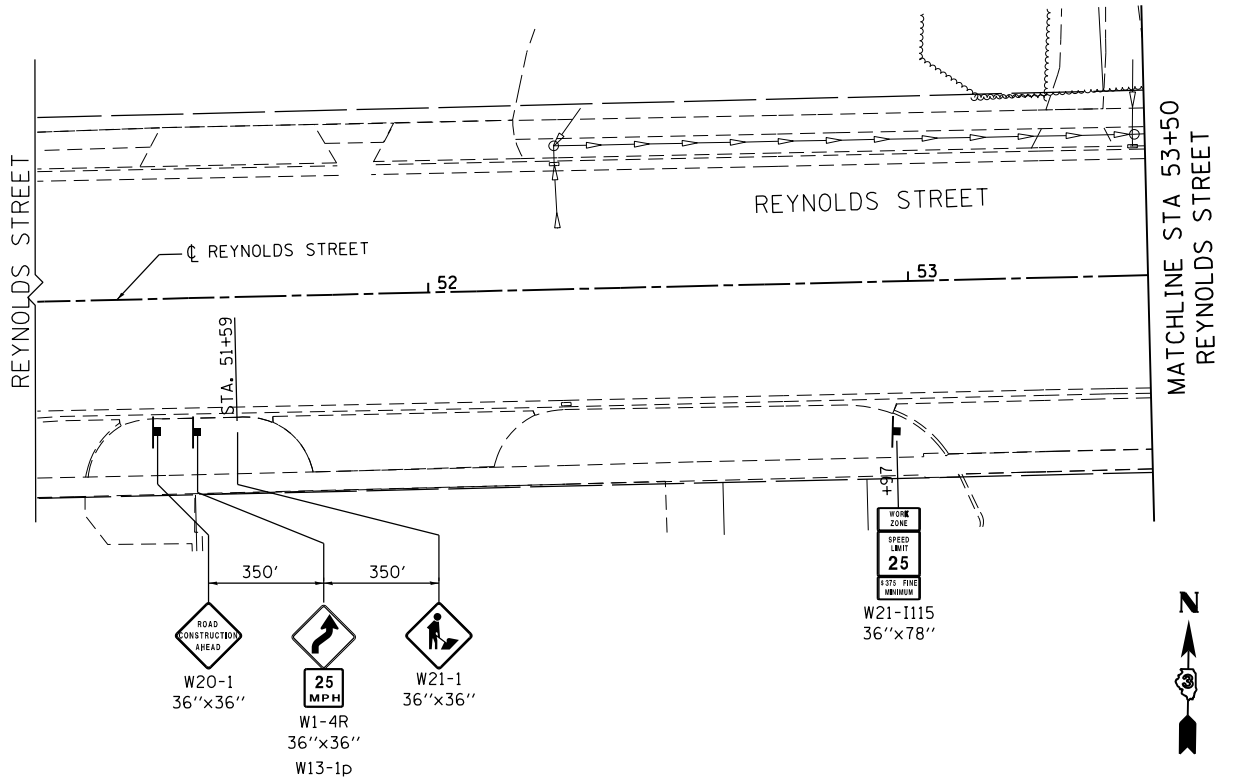
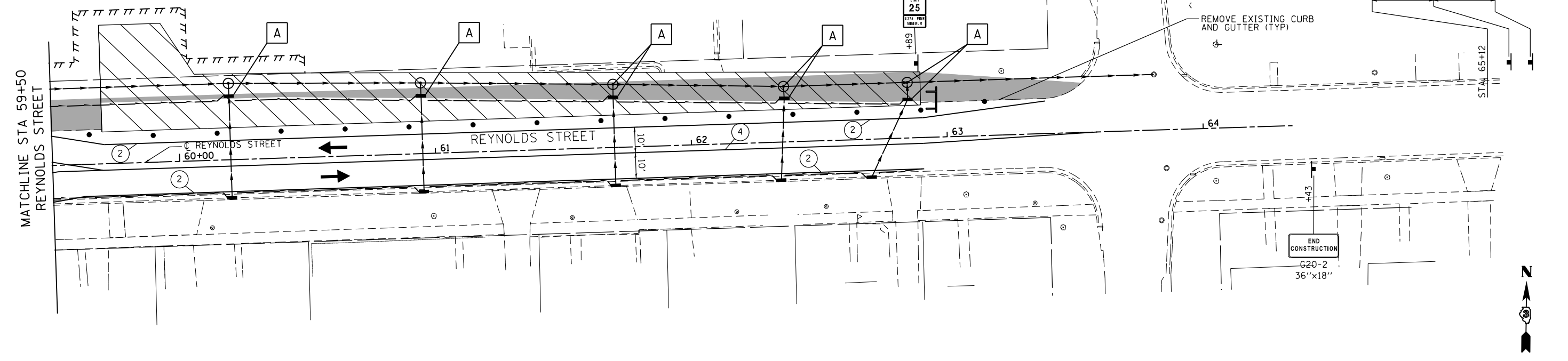


**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

**DRAINAGE LEGEND**

- PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRAD AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS



**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- 1 TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- 2 TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- 3 TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- 4 TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**REYNOLDS, LADD STREET - STAGE 2**  
SCALE: 1" = 20' SHEET 14 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66D19	

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

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

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

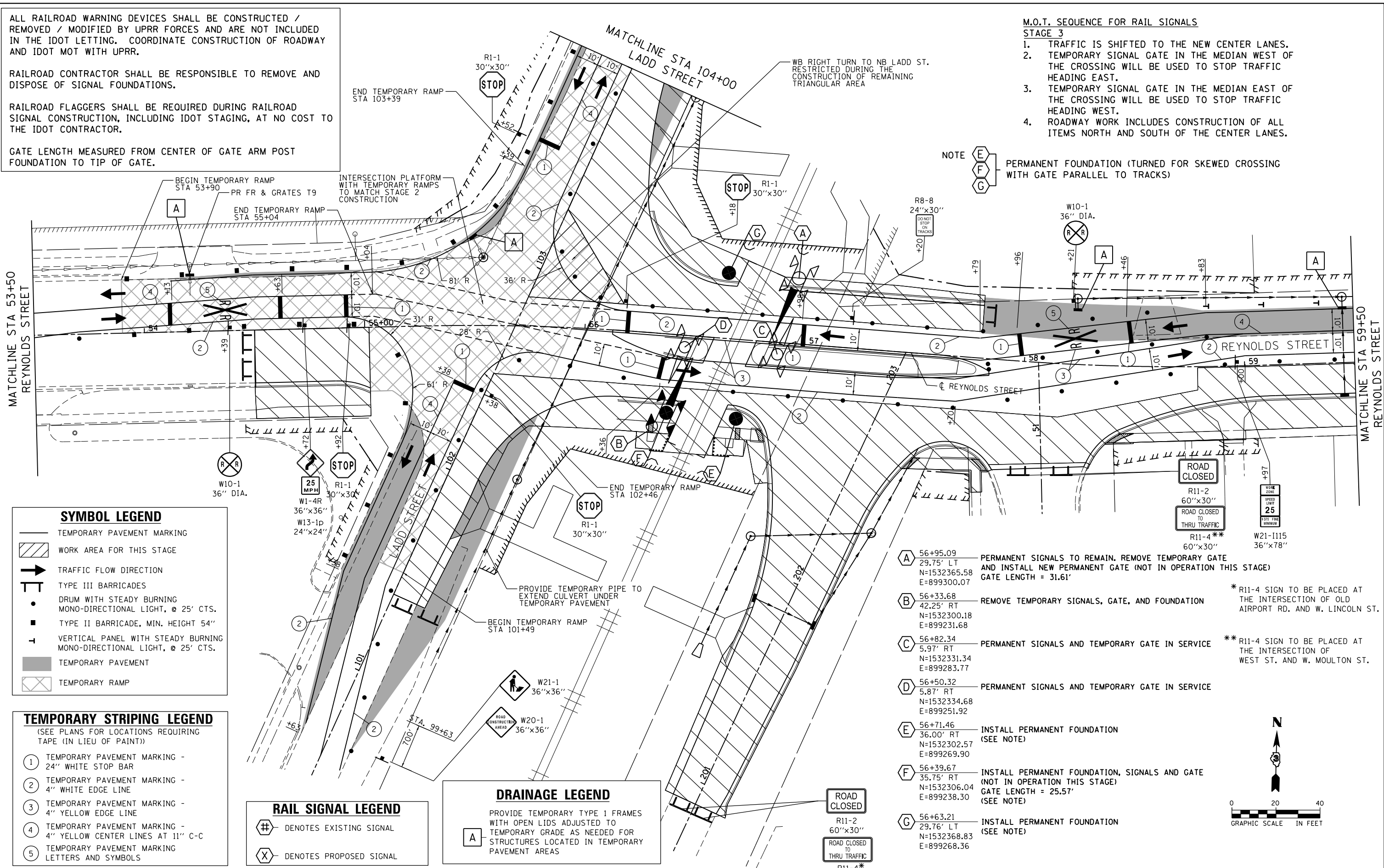
GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

**M.O.T. SEQUENCE FOR RAIL SIGNALS**

**STAGE 3**

1. TRAFFIC IS SHIFTED TO THE NEW CENTER LANES.
2. TEMPORARY SIGNAL GATE IN THE MEDIAN WEST OF THE CROSSING WILL BE USED TO STOP TRAFFIC HEADING EAST.
3. TEMPORARY SIGNAL GATE IN THE MEDIAN EAST OF THE CROSSING WILL BE USED TO STOP TRAFFIC HEADING WEST.
4. ROADWAY WORK INCLUDES CONSTRUCTION OF ALL ITEMS NORTH AND SOUTH OF THE CENTER LANES.

NOTE (E, F, G) PERMANENT FOUNDATION (TURNED FOR SKEWED CROSSING WITH GATE PARALLEL TO TRACKS)



**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TYPE II BARRICADE, MIN. HEIGHT 54"
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- 1 TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- 2 TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- 3 TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- 4 TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- # DENOTES EXISTING SIGNAL
- X DENOTES PROPOSED SIGNAL

**DRAINAGE LEGEND**

PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS

**ROAD CLOSED**  
R11-2 60"x30"  
ROAD CLOSED TO THRU TRAFFIC  
R11-4\*\* 60"x30"

**W21-1 36"x36"**  
**W20-1 36"x36"**

**W10-1 36" DIA.**  
**W1-4R 36"x36"**  
**W13-1p 24"x24"**  
**W21-1115 36"x78"**

**PERMANENT SIGNALS TO REMAIN. REMOVE TEMPORARY GATE AND INSTALL NEW PERMANENT GATE (NOT IN OPERATION THIS STAGE) GATE LENGTH = 31.61'**

**REMOVE TEMPORARY SIGNALS, GATE, AND FOUNDATION**

**PERMANENT SIGNALS AND TEMPORARY GATE IN SERVICE**

**PERMANENT SIGNALS AND TEMPORARY GATE IN SERVICE**

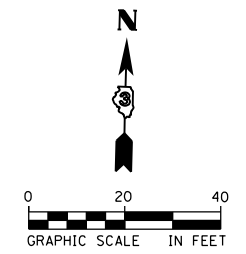
**INSTALL PERMANENT FOUNDATION (SEE NOTE)**

**INSTALL PERMANENT FOUNDATION, SIGNALS AND GATE (NOT IN OPERATION THIS STAGE) GATE LENGTH = 25.57' (SEE NOTE)**

**INSTALL PERMANENT FOUNDATION (SEE NOTE)**

**\*R11-4 SIGN TO BE PLACED AT THE INTERSECTION OF OLD AIRPORT RD. AND W. LINCOLN ST.**

**\*\*R11-4 SIGN TO BE PLACED AT THE INTERSECTION OF WEST ST. AND W. MOULTON ST.**



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 Ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

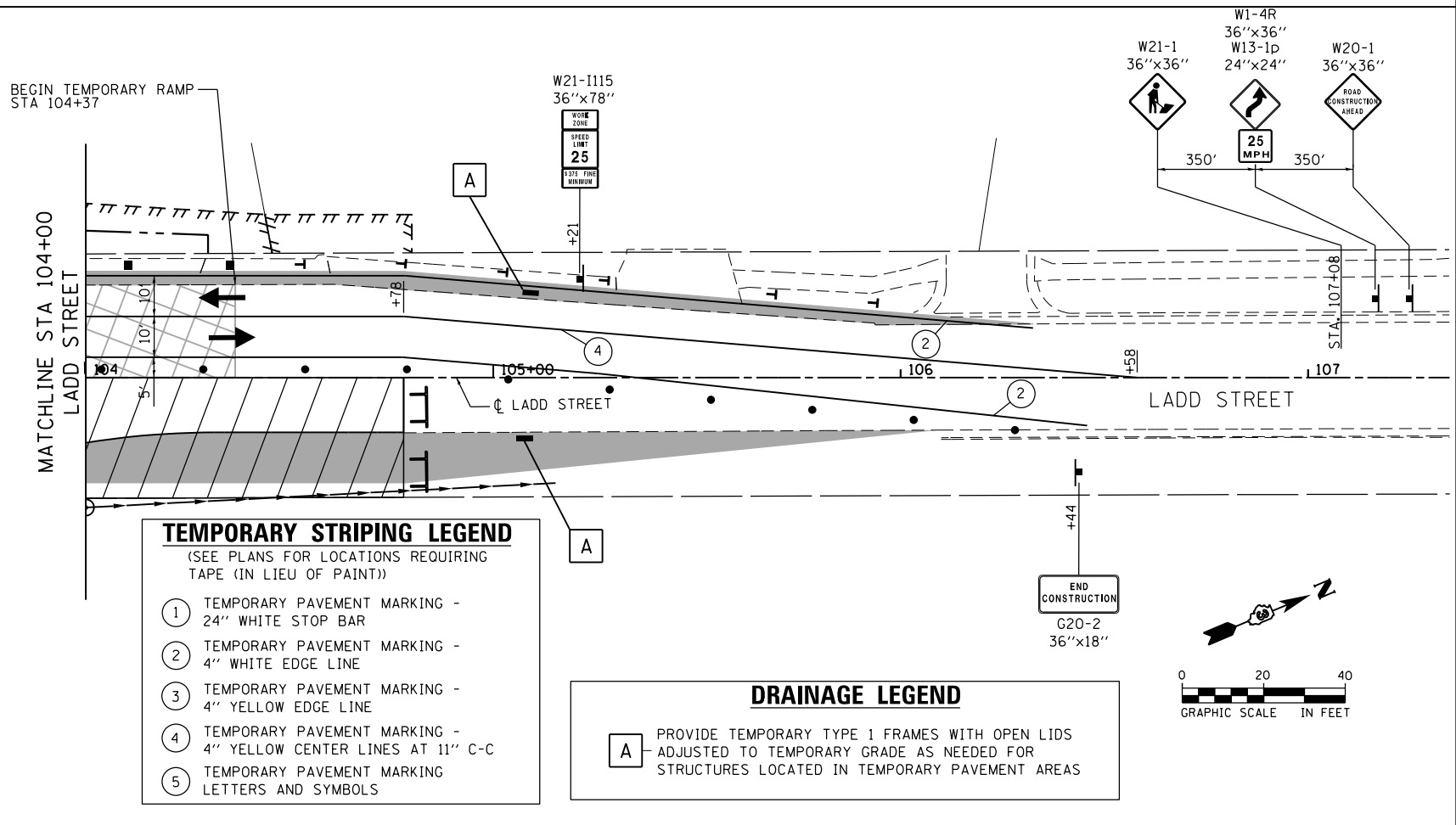
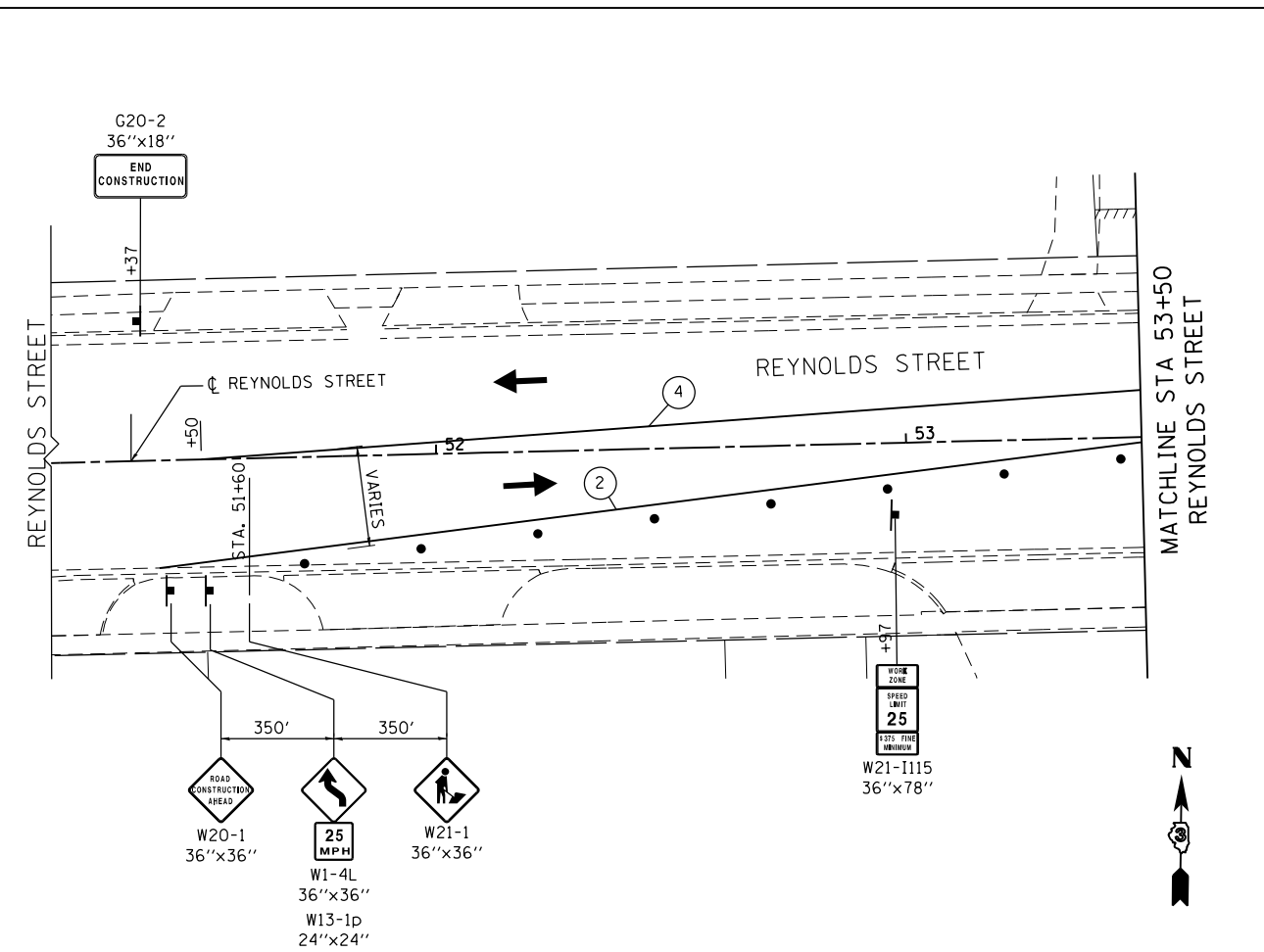
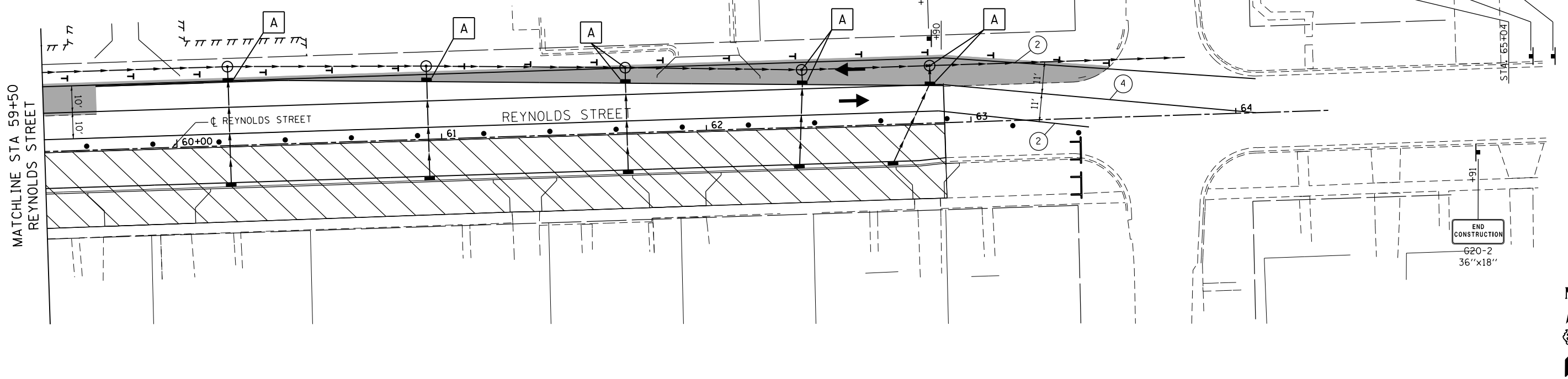
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**REYNOLDS STREET - STAGE 3**

SCALE: 1" = 20' SHEET 15 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	46
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TYPE II BARRICADE, MIN. HEIGHT 54"
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP



- TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))
- 1 TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
  - 2 TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
  - 3 TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
  - 4 TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
  - 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

- DRAINAGE LEGEND**
- A PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**REYNOLDS, LADD STREET - STAGE 3**  
SCALE: 1" = 20' SHEET 16 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	47
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

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

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

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

**M.O.T. SEQUENCE FOR RAIL SIGNALS  
STAGE 4A**

1. TRAFFIC REMAINS IN THE CENTER LANES
2. INSTALL PERMANENT SIGNALS AND GATES
3. REMOVE TEMPORARY MEDIAN GATE
4. MAKE PERMANENT SIGNALS AND GATES OPERATIONAL

**DRAINAGE LEGEND**

- A PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS

**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

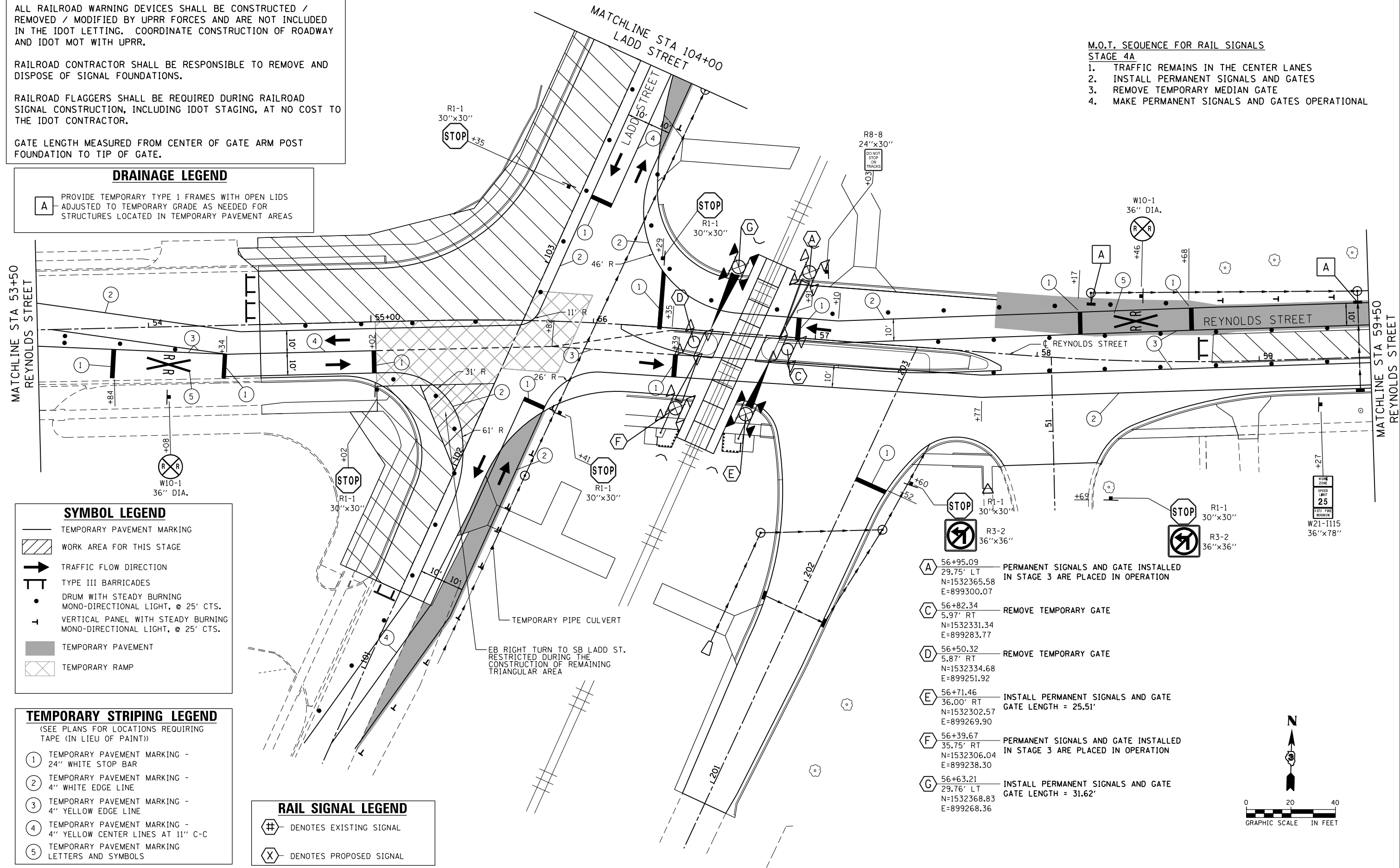
**TEMPORARY STRIPING LEGEND**

(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

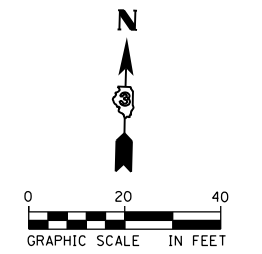
- 1 TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- 2 TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- 3 TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- 4 TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- 5 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- # DENOTES EXISTING SIGNAL
- X DENOTES PROPOSED SIGNAL



- A 56+95.09 PERMANENT SIGNALS AND GATE INSTALLED IN STAGE 3 ARE PLACED IN OPERATION  
29.75' LT  
N=1532365.58  
E=899300.07
- C 56+82.34 REMOVE TEMPORARY GATE  
5.97' RT  
N=1532331.34  
E=899283.77
- D 56+50.32 REMOVE TEMPORARY GATE  
5.87' RT  
N=1532334.68  
E=899251.92
- E 56+71.46 INSTALL PERMANENT SIGNALS AND GATE  
36.00' RT  
GATE LENGTH = 25.51'  
N=1532302.57  
E=899269.90
- F 56+39.67 PERMANENT SIGNALS AND GATE INSTALLED IN STAGE 3 ARE PLACED IN OPERATION  
35.75' RT  
N=1532306.04  
E=899238.30
- G 56+63.21 INSTALL PERMANENT SIGNALS AND GATE  
29.76' LT  
GATE LENGTH = 31.62'  
N=1532368.83  
E=899268.36



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

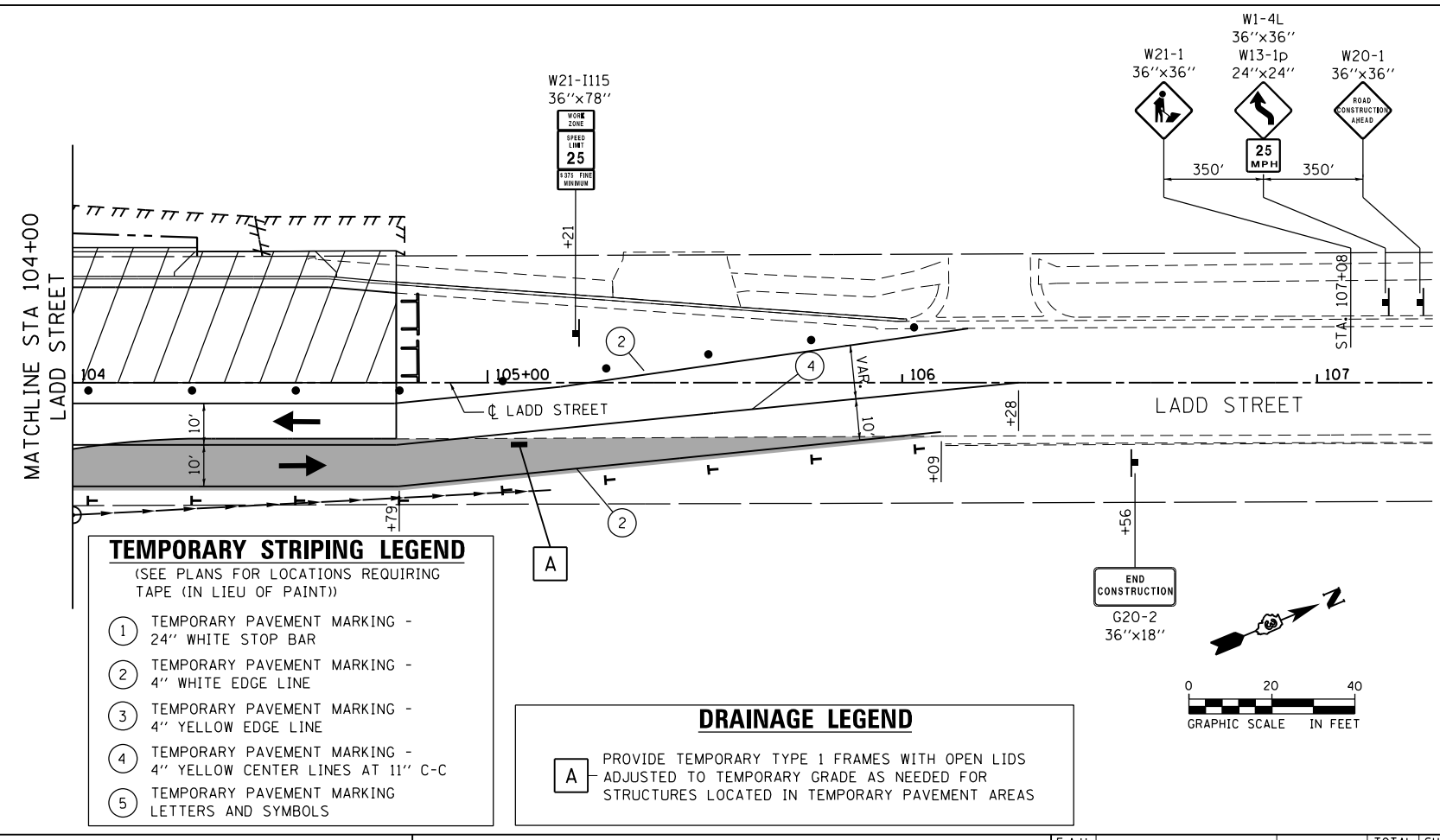
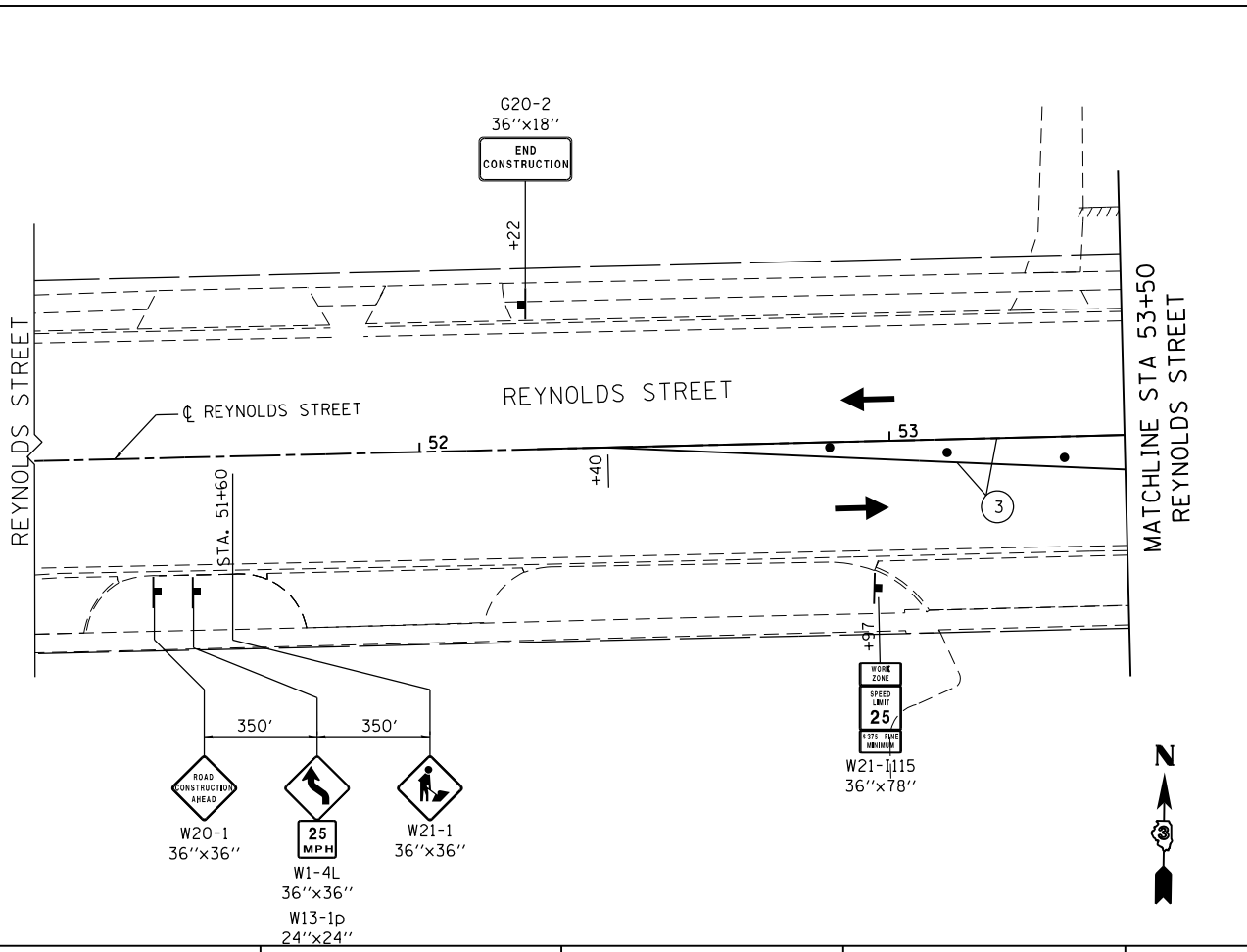
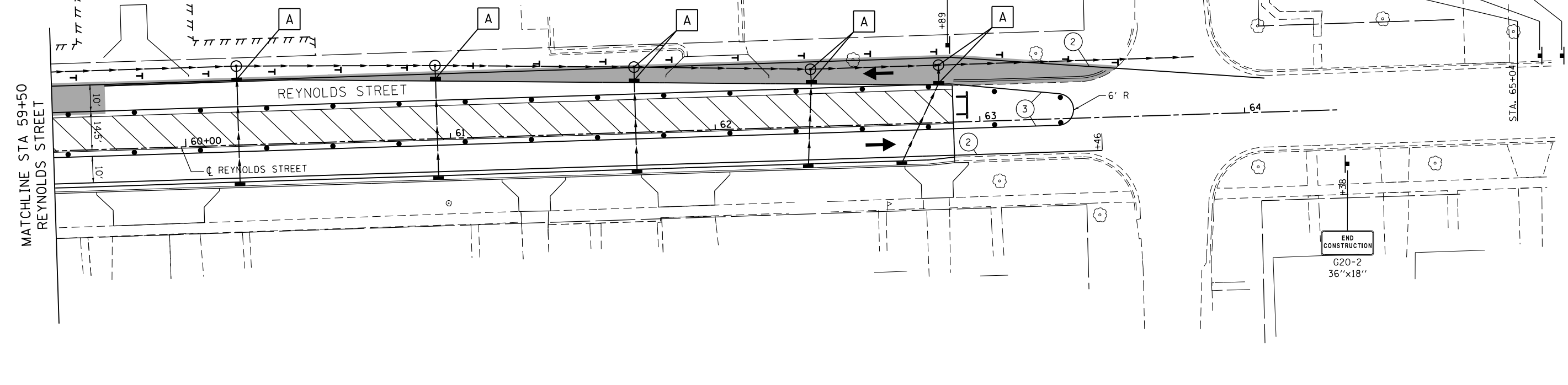
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL</b>	
<b>REYNOLDS STREET - STAGE 4A</b>	
SCALE: 1" = 20'	SHEET 17 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	48
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	

**SYMBOL LEGEND**

	TEMPORARY PAVEMENT MARKING		DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY RAMP
	WORK AREA FOR THIS STAGE		VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		
	TRAFFIC FLOW DIRECTION		TEMPORARY PAVEMENT		
	TYPE III BARRICADES				



**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

**DRAINAGE LEGEND**

- A PROVIDE TEMPORARY TYPE I FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**REYNOLDS, LADD STREET - STAGE 4A**  
SCALE: 1" = 20' SHEET 18 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	49
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				

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

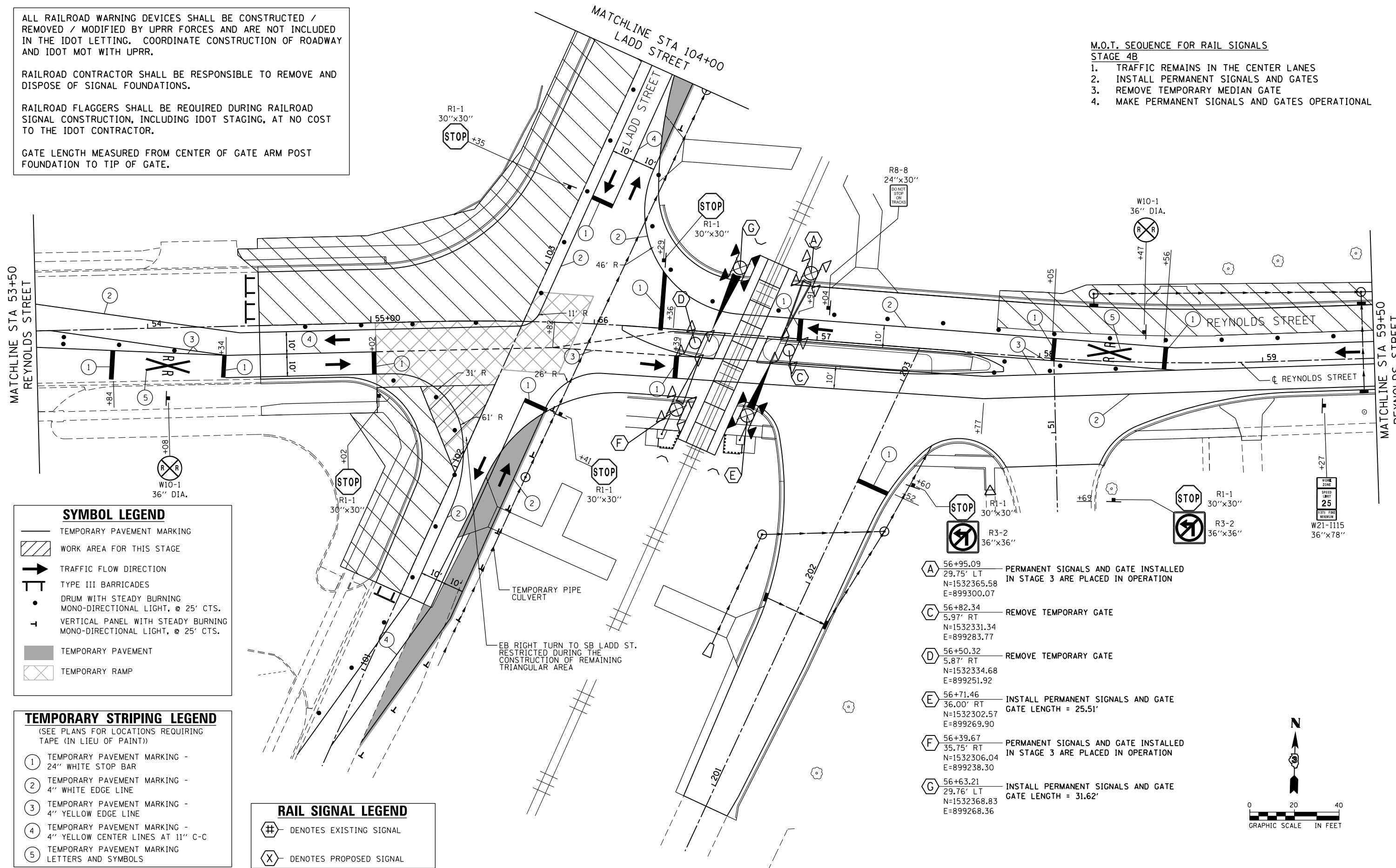
RAILROAD CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF SIGNAL FOUNDATIONS.

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

**M.O.T. SEQUENCE FOR RAIL SIGNALS  
STAGE 4B**

1. TRAFFIC REMAINS IN THE CENTER LANES
2. INSTALL PERMANENT SIGNALS AND GATES
3. REMOVE TEMPORARY MEDIAN GATE
4. MAKE PERMANENT SIGNALS AND GATES OPERATIONAL



**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

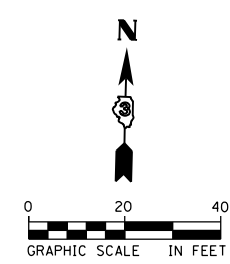
**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- DENOTES EXISTING SIGNAL
- DENOTES PROPOSED SIGNAL

- A** 56+95.09  
29.75' LT  
N=1532365.58  
E=899300.07  
PERMANENT SIGNALS AND GATE INSTALLED IN STAGE 3 ARE PLACED IN OPERATION
- C** 56+82.34  
5.97' RT  
N=1532331.34  
E=899283.77  
REMOVE TEMPORARY GATE
- D** 56+50.32  
5.87' RT  
N=1532334.68  
E=899251.92  
REMOVE TEMPORARY GATE
- E** 56+71.46  
36.00' RT  
N=1532302.57  
E=899269.90  
INSTALL PERMANENT SIGNALS AND GATE  
GATE LENGTH = 25.51'
- F** 56+39.67  
35.75' RT  
N=1532306.04  
E=899238.30  
PERMANENT SIGNALS AND GATE INSTALLED IN STAGE 3 ARE PLACED IN OPERATION
- G** 56+63.21  
29.76' LT  
N=1532368.83  
E=899268.36  
INSTALL PERMANENT SIGNALS AND GATE  
GATE LENGTH = 31.62'



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

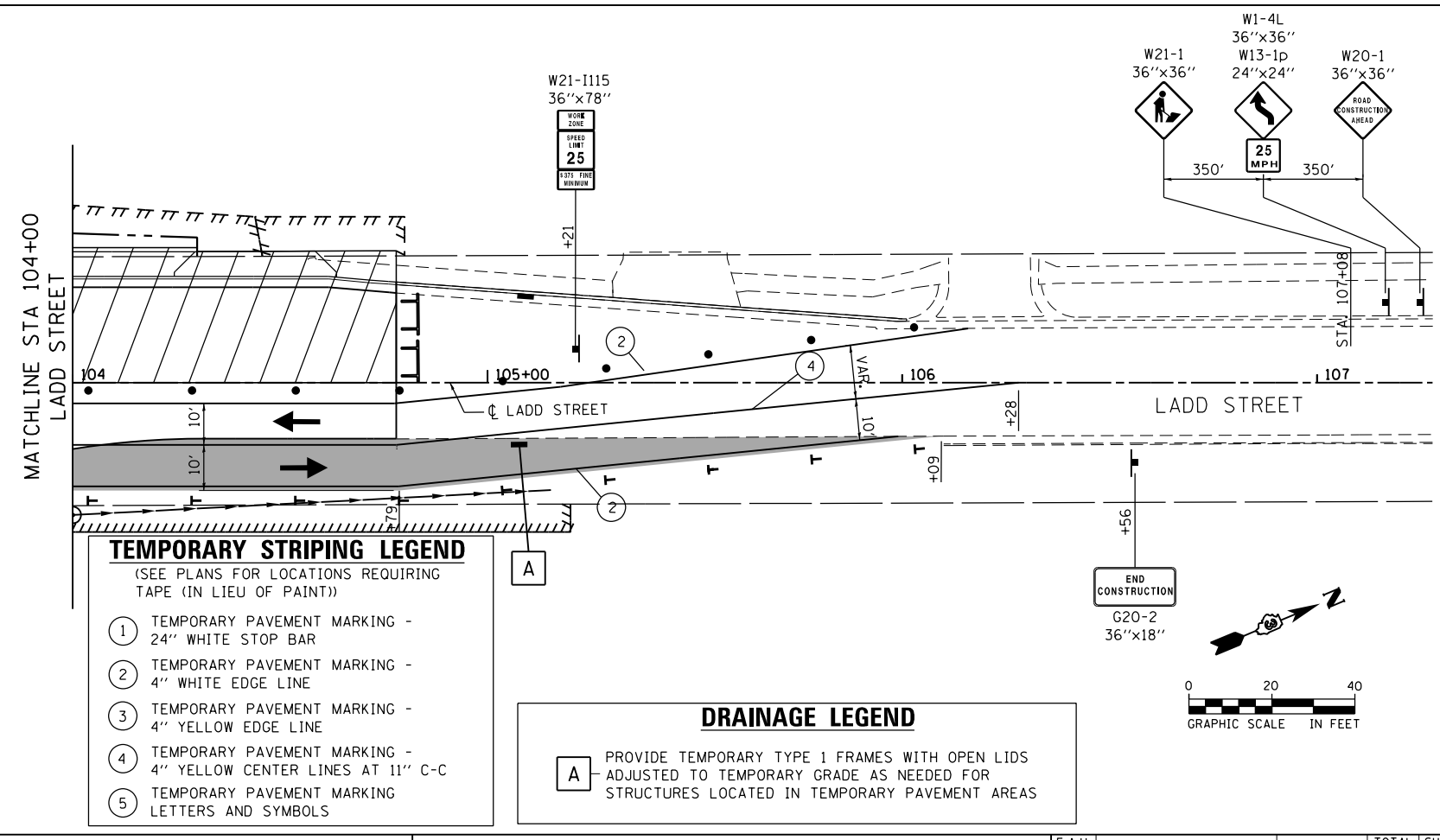
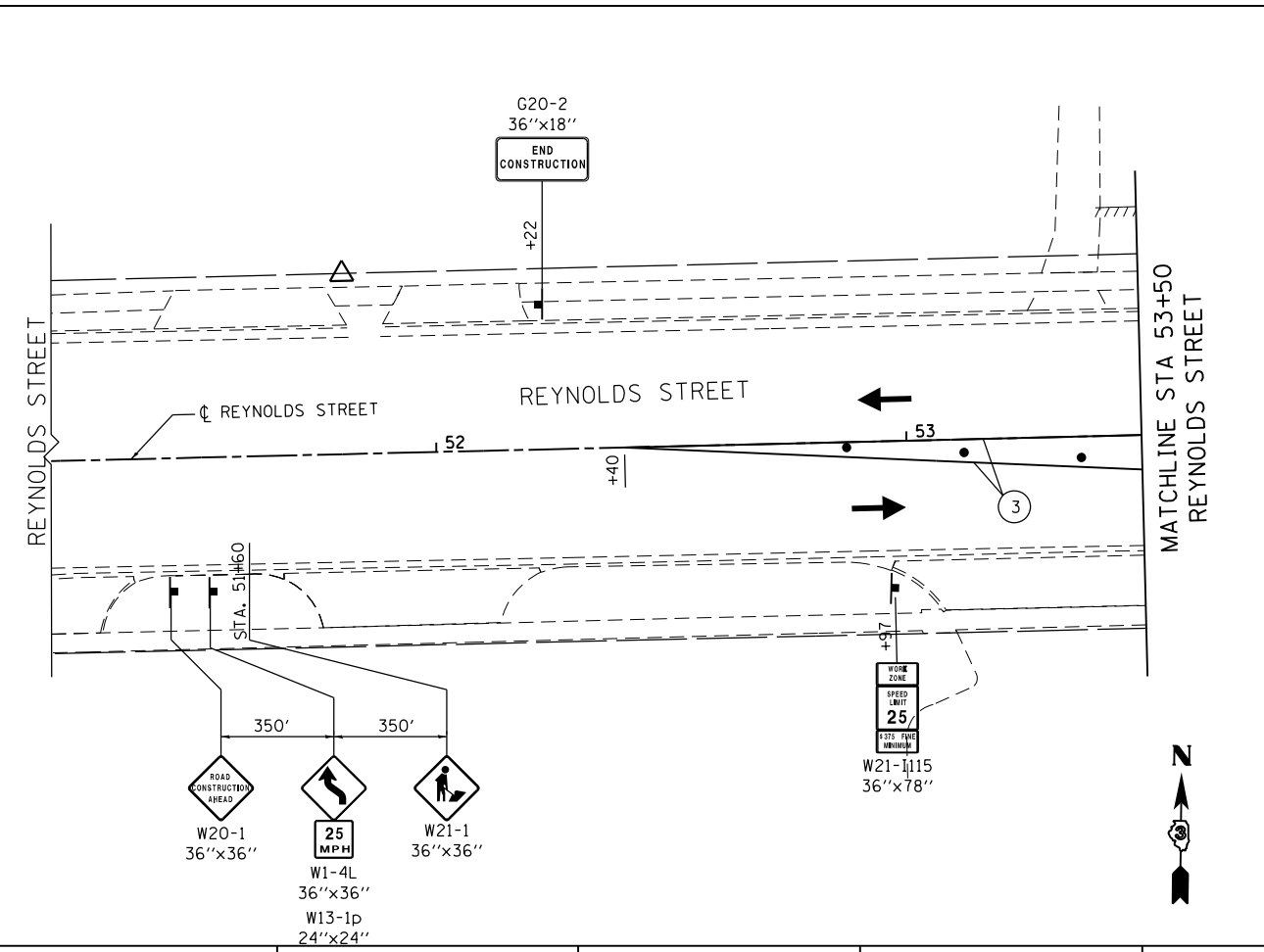
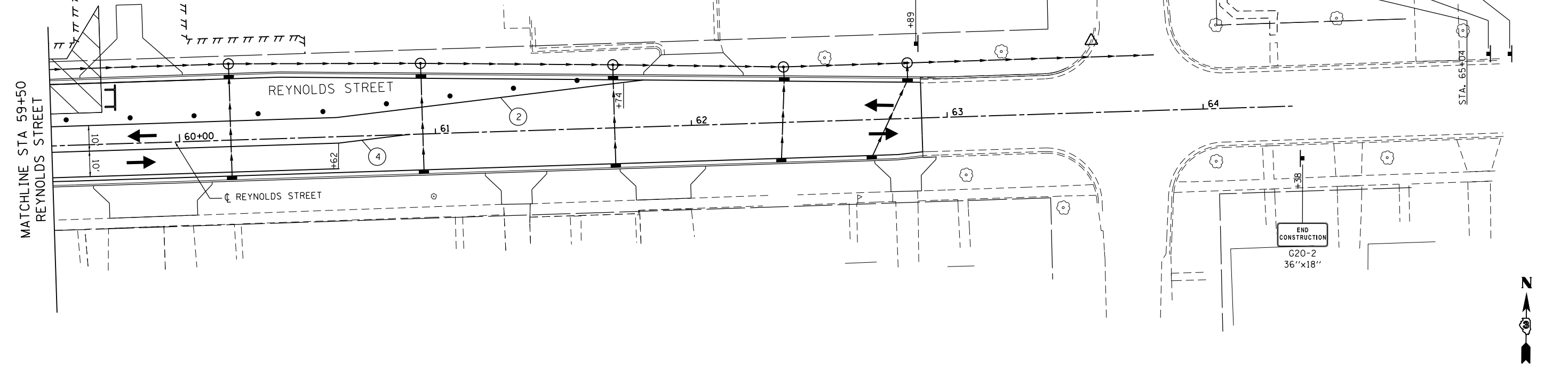
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS STREET - STAGE 4B**

SCALE: 1" = 20' SHEET 19 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	50
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

**SYMBOL LEGEND**

	TEMPORARY PAVEMENT MARKING		DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY RAMP
	WORK AREA FOR THIS STAGE		VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY PAVEMENT
	TRAFFIC FLOW DIRECTION				
	TYPE III BARRICADES				



**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

**DRAINAGE LEGEND**

**A** PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**REYNOLDS, LADD STREET - STAGE 4B**  
SCALE: 1" = 20' SHEET 20 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	51
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				



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

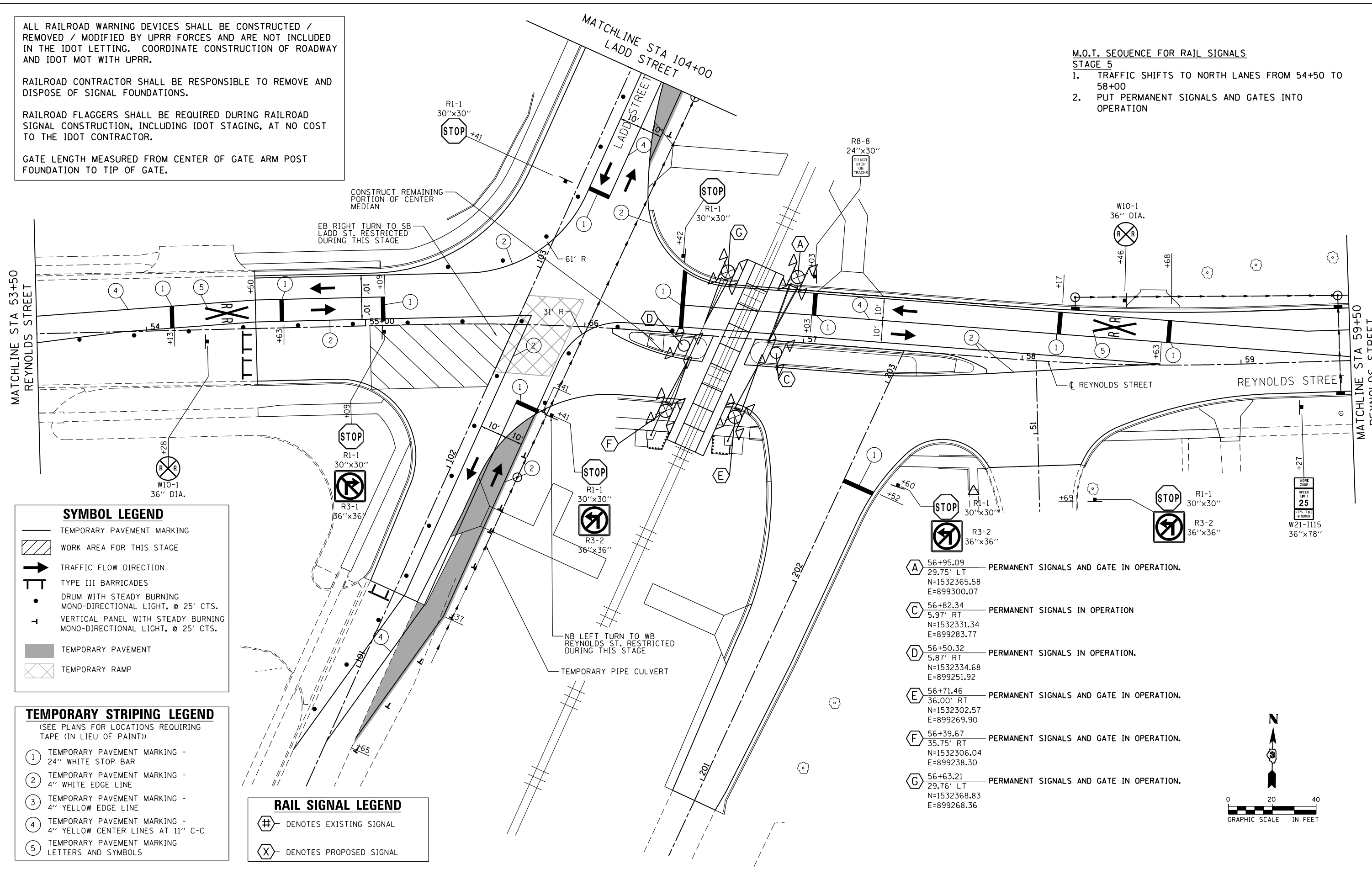
RAILROAD CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF SIGNAL FOUNDATIONS.

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

**M.O.T. SEQUENCE FOR RAIL SIGNALS  
STAGE 5**

1. TRAFFIC SHIFTS TO NORTH LANES FROM 54+50 TO 58+00
2. PUT PERMANENT SIGNALS AND GATES INTO OPERATION



**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

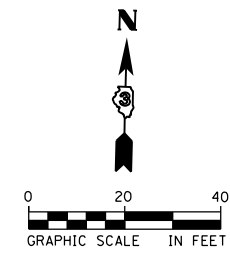
**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- DENOTES EXISTING SIGNAL
- DENOTES PROPOSED SIGNAL

- A** 56+95.09 PERMANENT SIGNALS AND GATE IN OPERATION.  
29.75' LT  
N=1532365.58  
E=899300.07
- C** 56+82.34 PERMANENT SIGNALS IN OPERATION  
5.97' RT  
N=1532331.34  
E=899283.77
- D** 56+50.32 PERMANENT SIGNALS IN OPERATION.  
5.87' RT  
N=1532334.68  
E=899251.92
- E** 56+71.46 PERMANENT SIGNALS AND GATE IN OPERATION.  
36.00' RT  
N=1532302.57  
E=899269.90
- F** 56+39.67 PERMANENT SIGNALS AND GATE IN OPERATION.  
35.75' RT  
N=1532306.04  
E=899238.30
- G** 56+63.21 PERMANENT SIGNALS AND GATE IN OPERATION.  
29.76' LT  
N=1532368.83  
E=899268.36



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS STREET - STAGE 5**

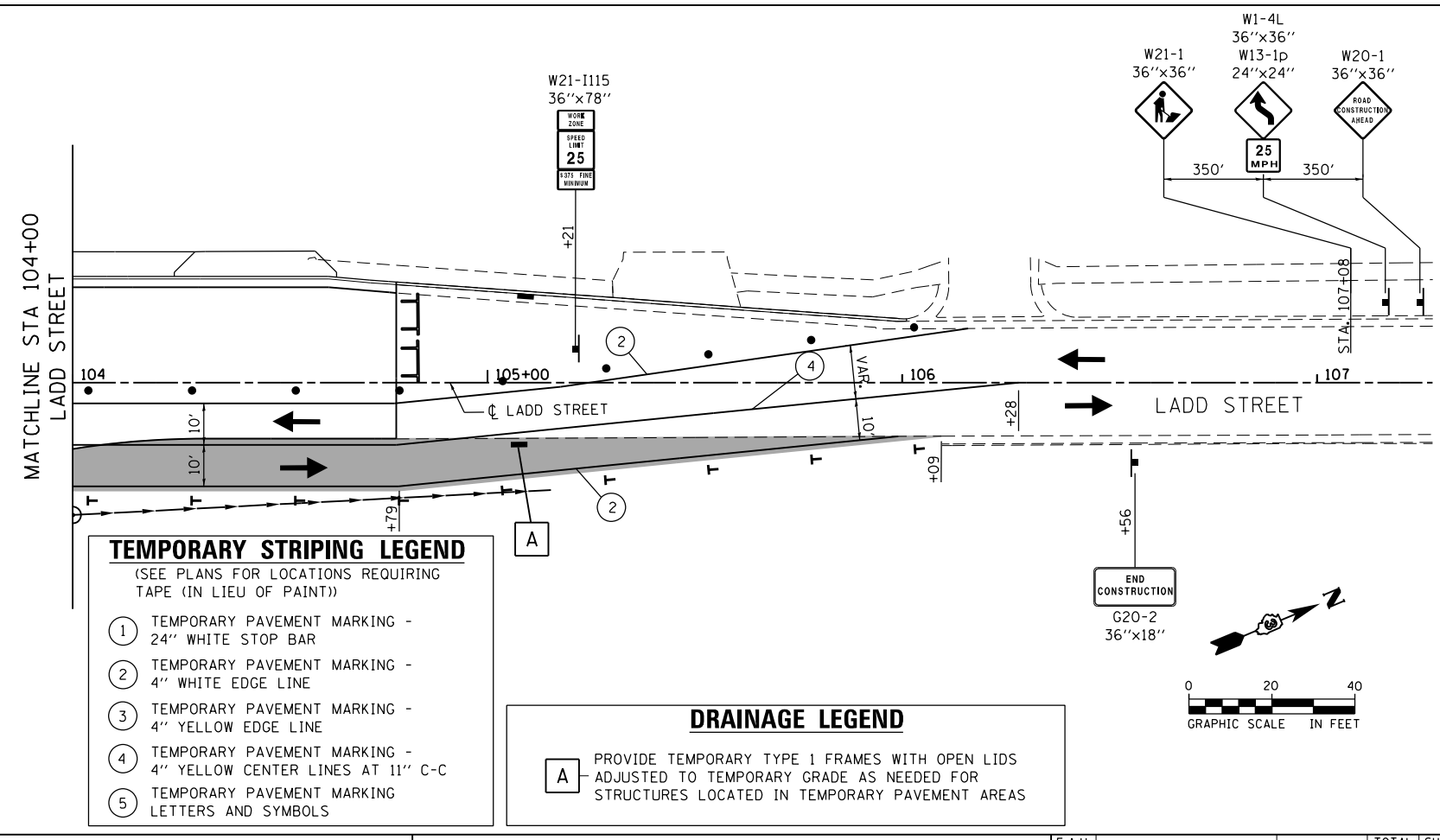
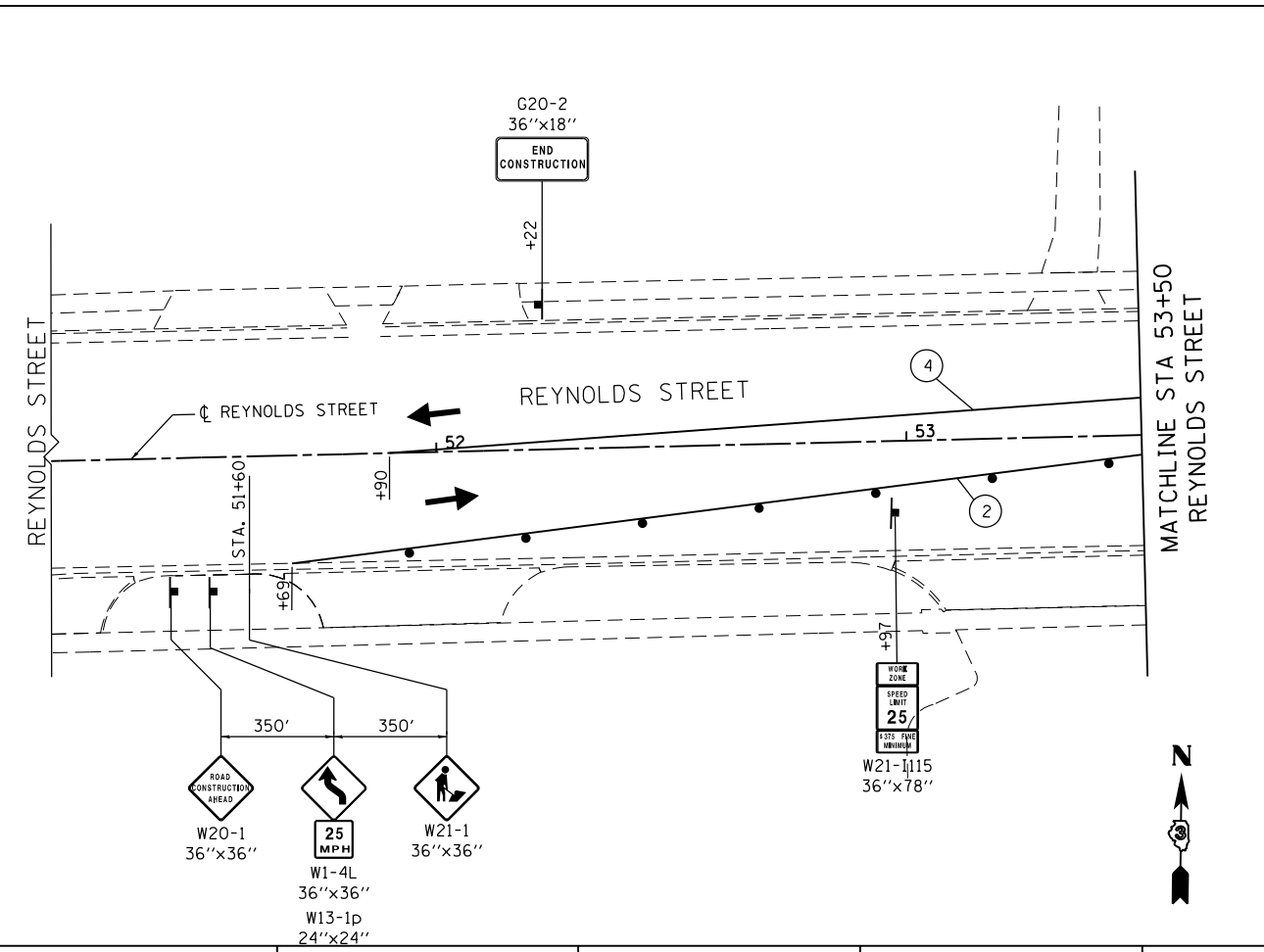
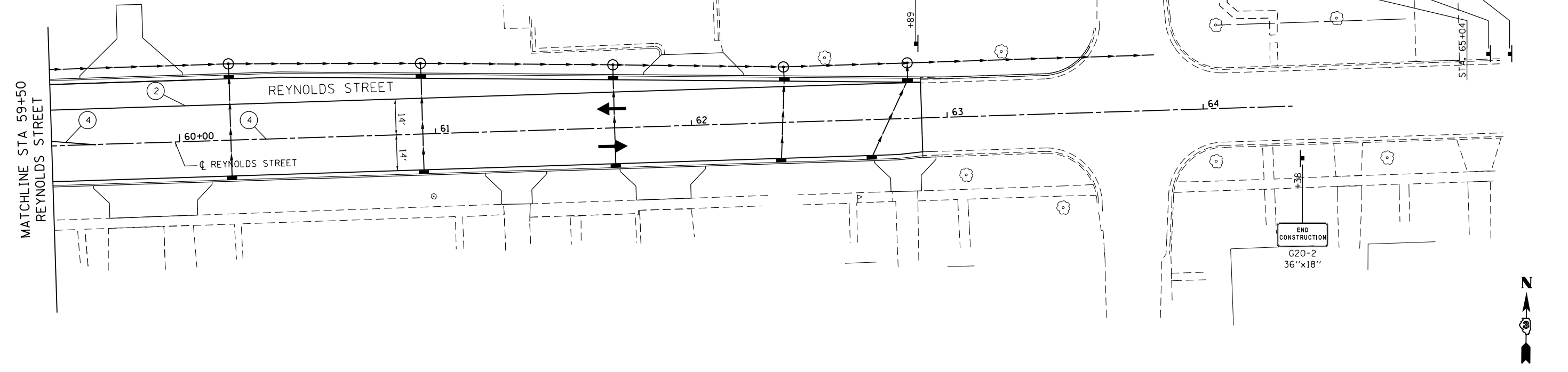
SCALE: 1" = 20' SHEET 21 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	52
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				



### SYMBOL LEGEND

<p>— TEMPORARY PAVEMENT MARKING</p> <p> WORK AREA FOR THIS STAGE</p> <p> TRAFFIC FLOW DIRECTION</p> <p> TYPE III BARRICADES</p>	<p>• DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.</p> <p>— VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.</p> <p>■ TEMPORARY PAVEMENT</p>	<p> TEMPORARY RAMP</p>
---	---	------------------------



### TEMPORARY STRIPING LEGEND

(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

### DRAINAGE LEGEND

**A** PROVIDE TEMPORARY TYPE 1 FRAMES WITH OPEN LIDS ADJUSTED TO TEMPORARY GRADE AS NEEDED FOR STRUCTURES LOCATED IN TEMPORARY PAVEMENT AREAS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS, LADD STREET - STAGE 5**

SCALE: 1" = 20'    SHEET 22 OF 24 SHEETS    STA. 59+50.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	53
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

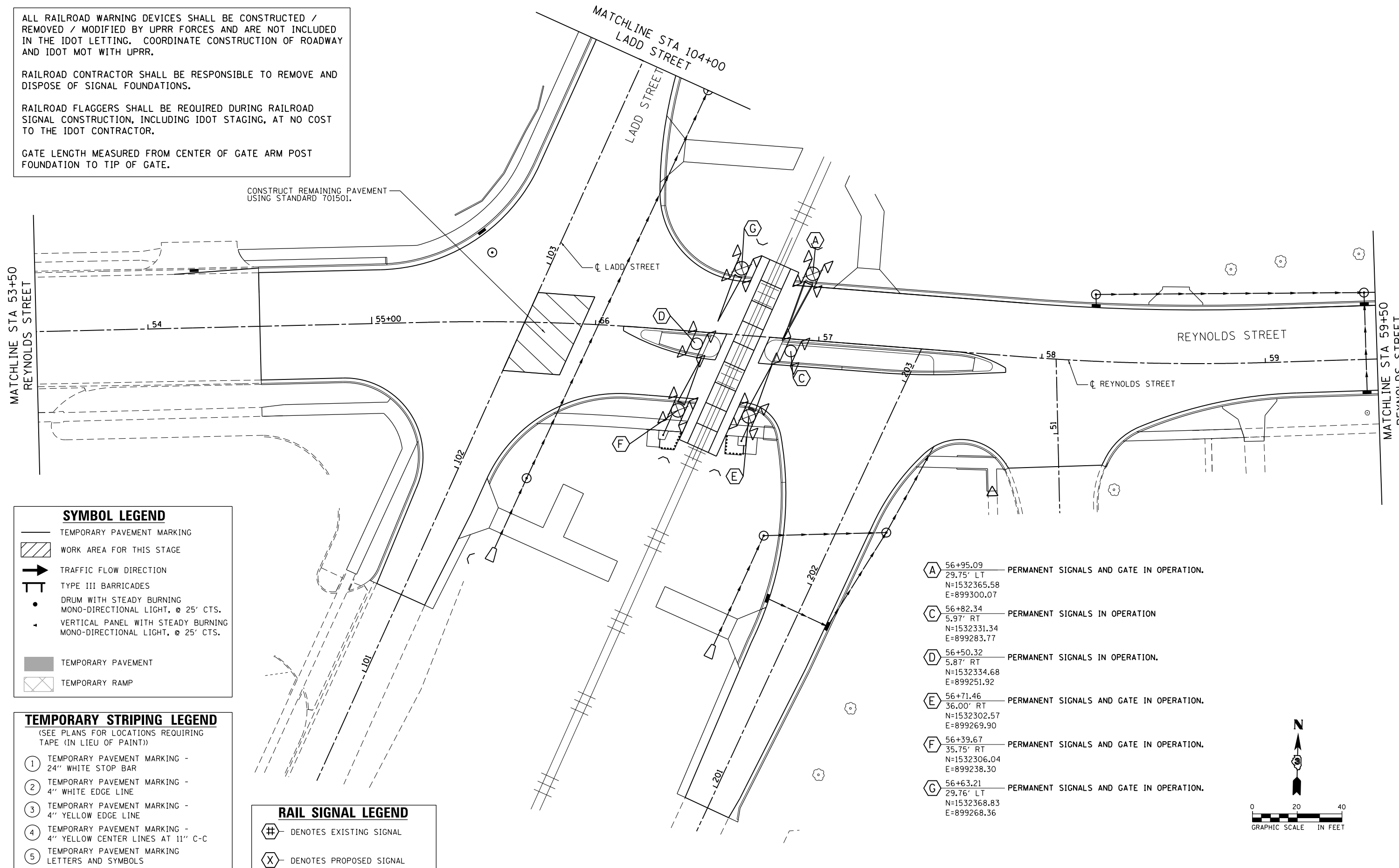
ALL RAILROAD WARNING DEVICES SHALL BE CONSTRUCTED / REMOVED / MODIFIED BY UPRR FORCES AND ARE NOT INCLUDED IN THE IDOT LETTING. COORDINATE CONSTRUCTION OF ROADWAY AND IDOT MOT WITH UPRR.

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

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

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

CONSTRUCT REMAINING PAVEMENT USING STANDARD 701501.



**SYMBOL LEGEND**

- TEMPORARY PAVEMENT MARKING
- WORK AREA FOR THIS STAGE
- TRAFFIC FLOW DIRECTION
- TYPE III BARRICADES
- DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.
- TEMPORARY PAVEMENT
- TEMPORARY RAMP

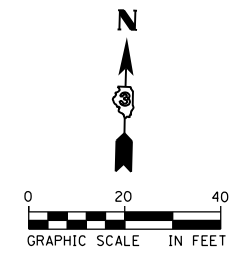
**TEMPORARY STRIPING LEGEND**  
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))

- ① TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
- ② TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ③ TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
- ④ TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
- ⑤ TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

**RAIL SIGNAL LEGEND**

- DENOTES EXISTING SIGNAL
- DENOTES PROPOSED SIGNAL

- A** 56+95.09 — PERMANENT SIGNALS AND GATE IN OPERATION.  
29.75' LT  
N=1532365.58  
E=899300.07
- C** 56+82.34 — PERMANENT SIGNALS IN OPERATION  
5.97' RT  
N=1532331.34  
E=899283.77
- D** 56+50.32 — PERMANENT SIGNALS IN OPERATION.  
5.87' RT  
N=1532334.68  
E=899251.92
- E** 56+71.46 — PERMANENT SIGNALS AND GATE IN OPERATION.  
36.00' RT  
N=1532302.57  
E=899269.90
- F** 56+39.67 — PERMANENT SIGNALS AND GATE IN OPERATION.  
35.75' RT  
N=1532306.04  
E=899238.30
- G** 56+63.21 — PERMANENT SIGNALS AND GATE IN OPERATION.  
29.76' LT  
N=1532368.83  
E=899268.36



FILE NAME: c:\yearchung\drw\brn\brn\transportation\mst\dm22586\_0366019-ah\1-staging\_016.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

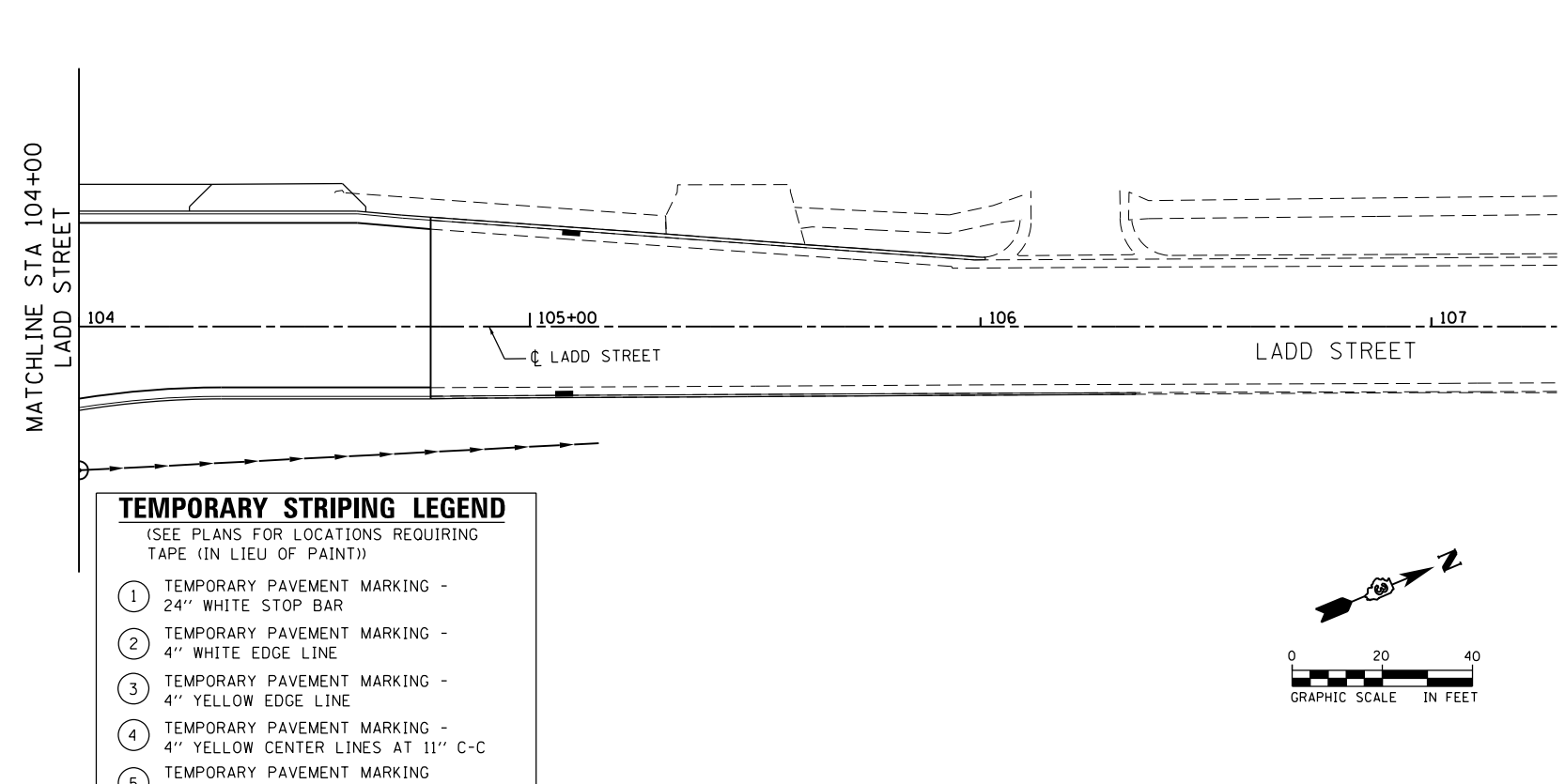
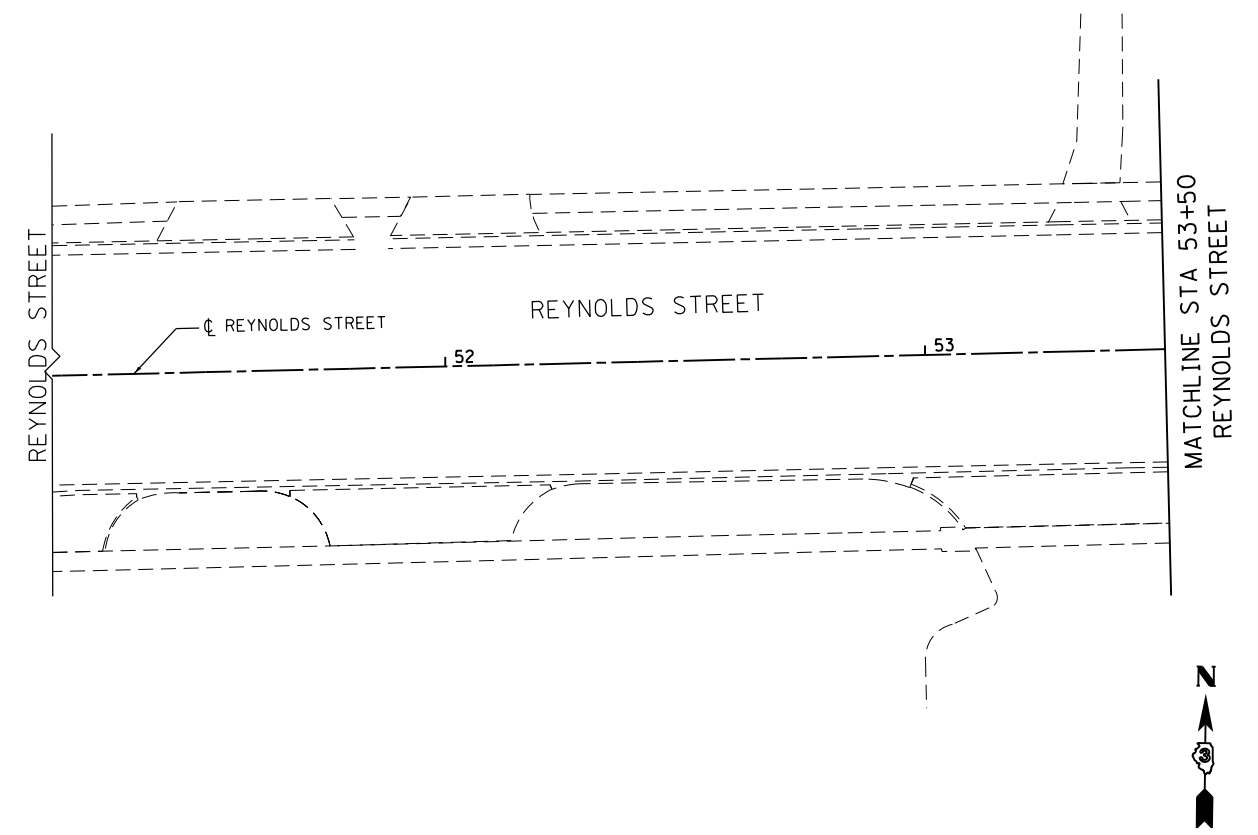
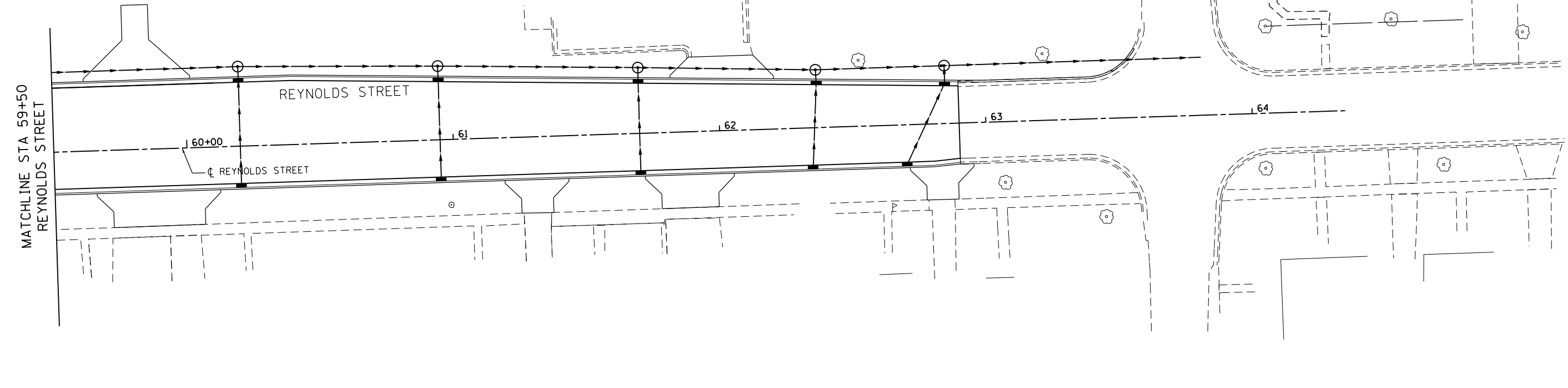
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**  
**REYNOLDS STREET - STAGE 6**

SCALE: 1" = 20' SHEET 23 OF 24 SHEETS STA. 53+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	54
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

SYMBOL LEGEND					
	TEMPORARY PAVEMENT MARKING		DRUM WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY RAMP
	WORK AREA FOR THIS STAGE		VERTICAL PANEL WITH STEADY BURNING MONO-DIRECTIONAL LIGHT, @ 25' CTS.		TEMPORARY PAVEMENT
	TRAFFIC FLOW DIRECTION				
	TYPE III BARRICADES				



TEMPORARY STRIPING LEGEND	
(SEE PLANS FOR LOCATIONS REQUIRING TAPE (IN LIEU OF PAINT))	
①	TEMPORARY PAVEMENT MARKING - 24" WHITE STOP BAR
②	TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
③	TEMPORARY PAVEMENT MARKING - 4" YELLOW EDGE LINE
④	TEMPORARY PAVEMENT MARKING - 4" YELLOW CENTER LINES AT 11" C-C
⑤	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

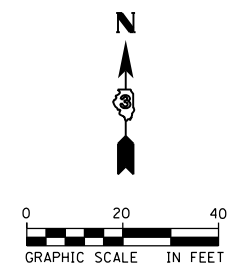
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
REYNOLDS, LADD STREET - STAGE 6  
SCALE: 1" = 20' SHEET 24 OF 24 SHEETS STA. 59+50.00 TO STA. 62+90.00






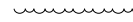
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	55
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

FILE NAME = c:\neworking\dr\re\br\br\transportation\m\m\2586\0366019-ah\staging\07.dgn







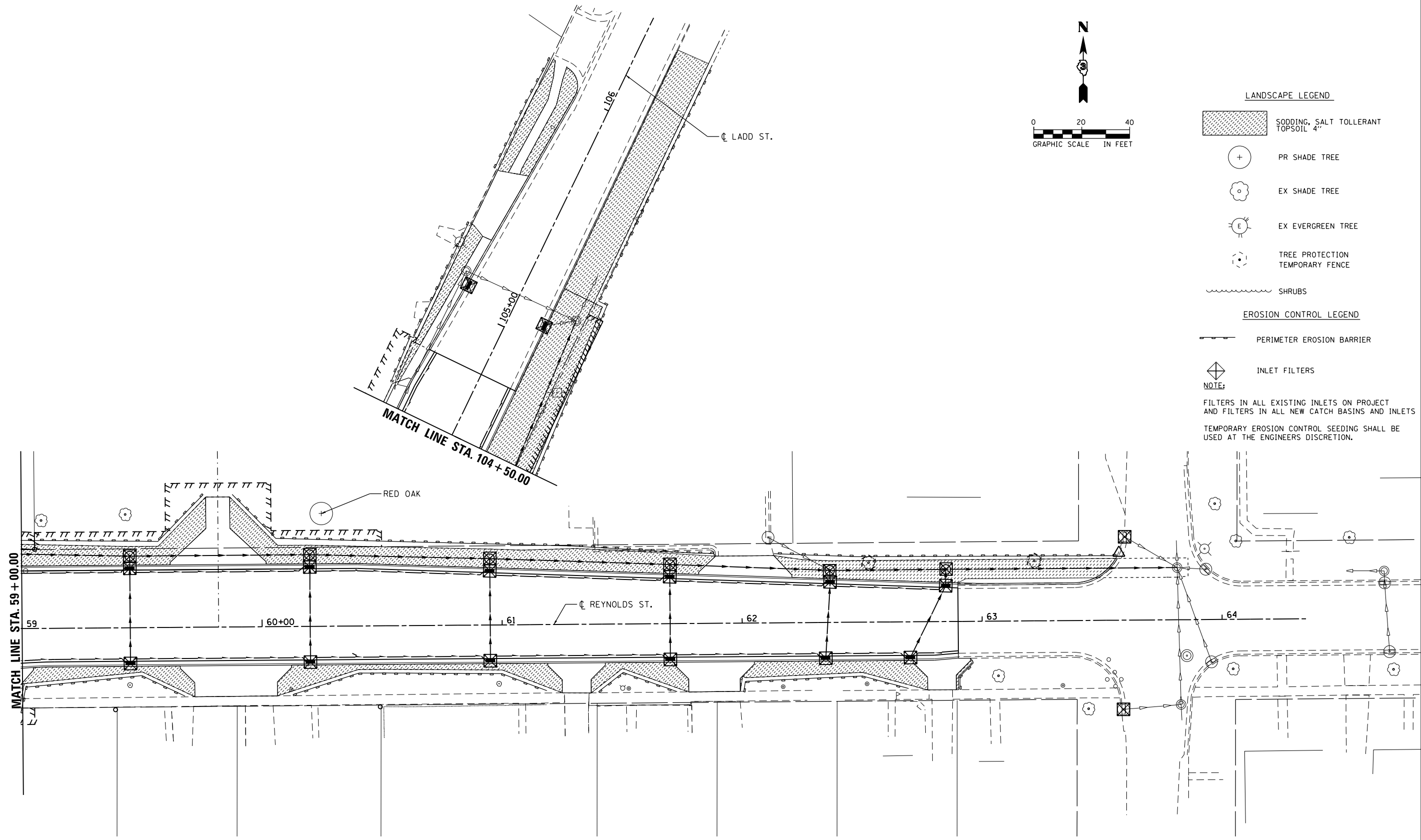
**LANDSCAPE LEGEND**

-  SODDING, SALT TOLLERANT TOPSOIL 4"
-  PR SHADE TREE
-  EX SHADE TREE
-  EX EVERGREEN TREE
-  TREE PROTECTION TEMPORARY FENCE
-  SHRUBS

**EROSION CONTROL LEGEND**

-  PERIMETER EROSION BARRIER
-  INLET FILTERS

**NOTE:**  
 FILTERS IN ALL EXISTING INLETS ON PROJECT AND FILTERS IN ALL NEW CATCH BASINS AND INLETS TEMPORARY EROSION CONTROL SEEDING SHALL BE USED AT THE ENGINEERS DISCRETION.



FILE NAME: c:\ywork\hunting\draw\erouk\transportation\66D19-shr-er-02.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

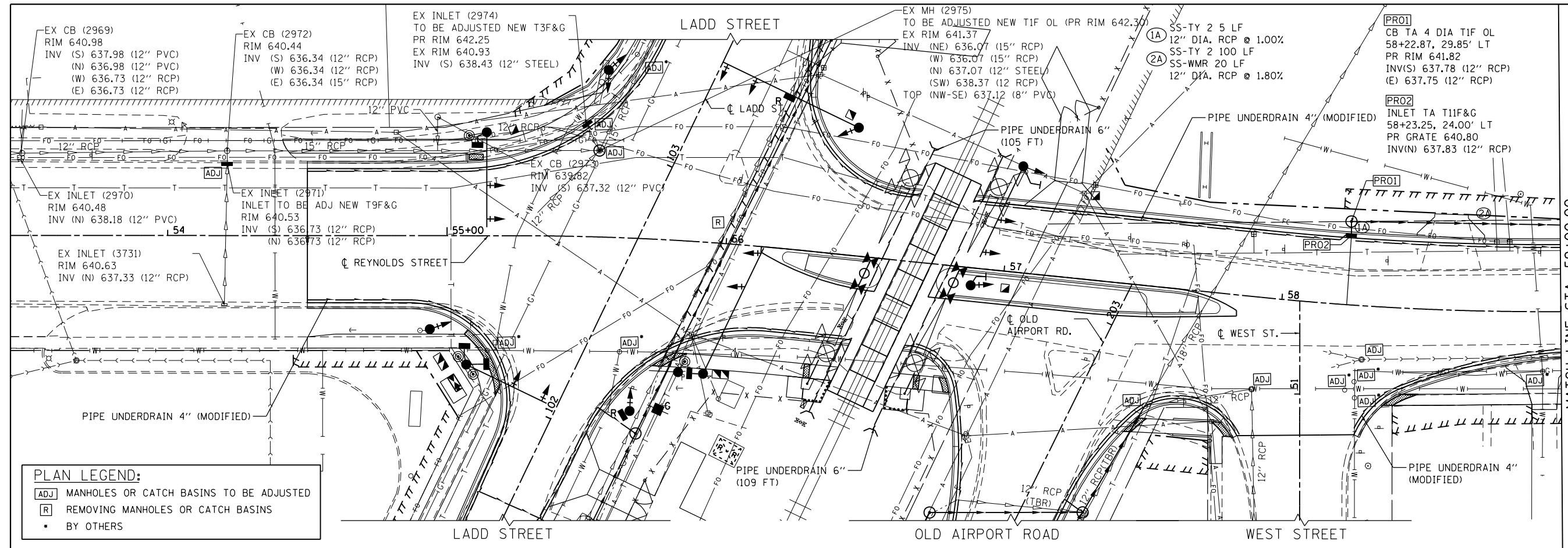
**EROSION CONTROL AND LANDSCAPING PLANS  
 REYNOLDS STREET**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 59+00.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	57
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

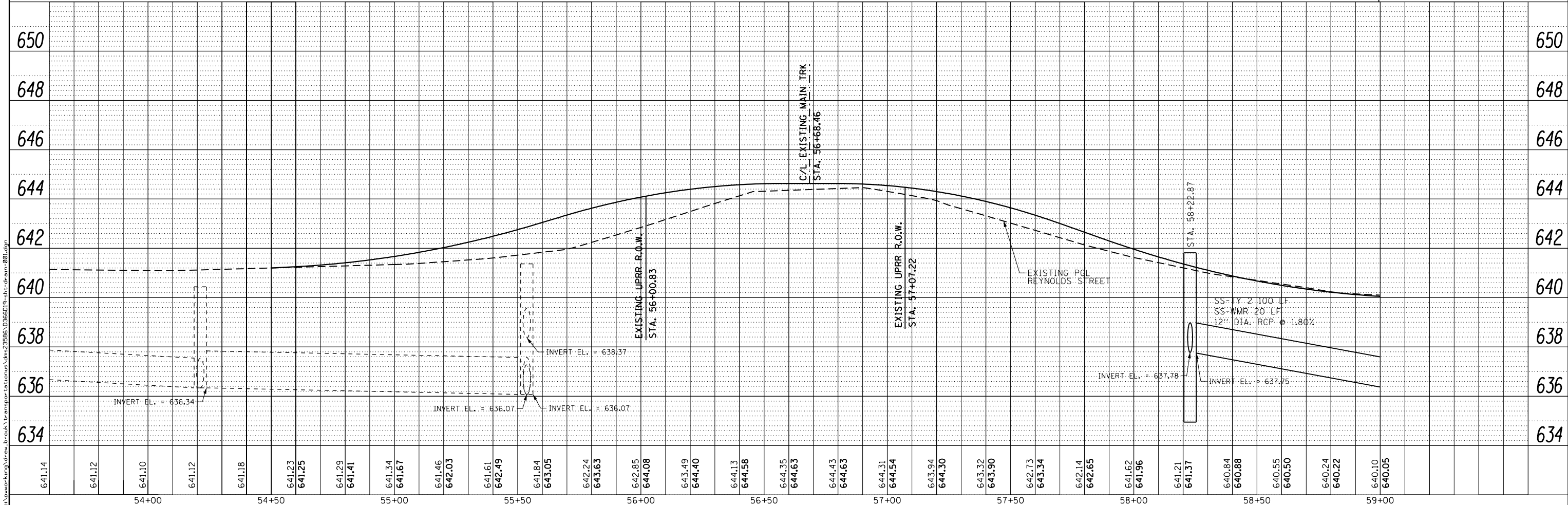
DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
CHECKED	
FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
CHECKED	
FILE NAME	



**PLAN LEGEND:**

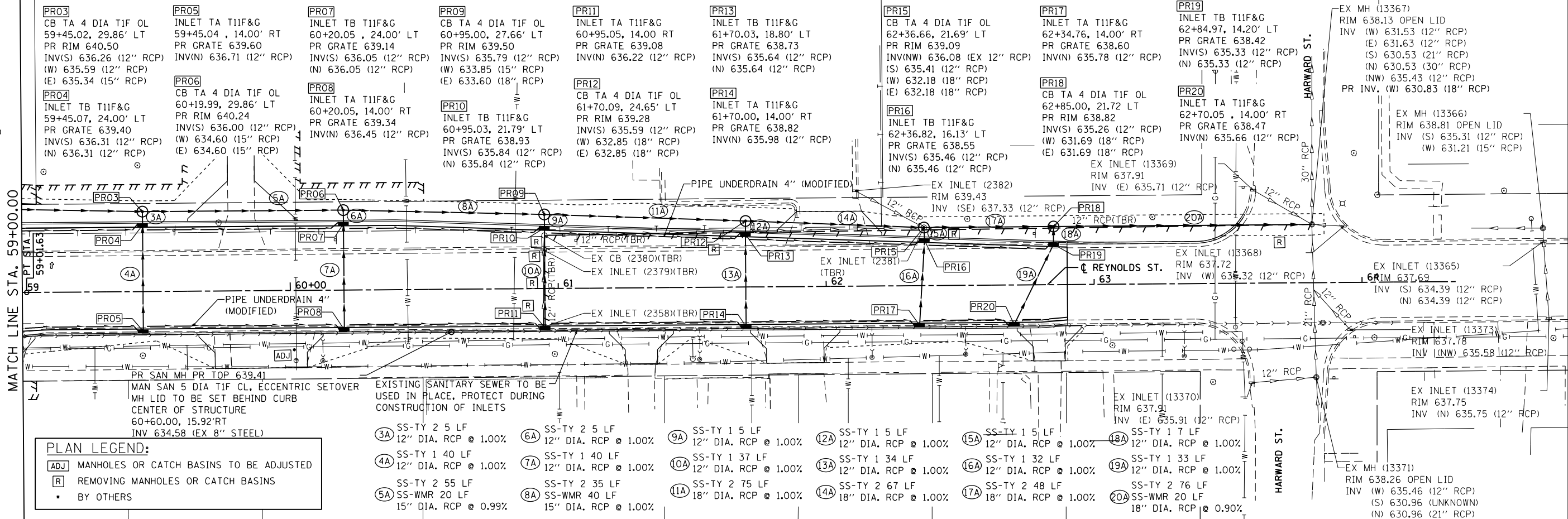
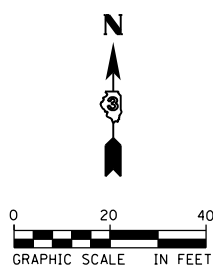
- ADJ MANHOLES OR CATCH BASINS TO BE ADJUSTED
- R REMOVING MANHOLES OR CATCH BASINS
- BY OTHERS



<b>AECOM</b>	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLANS AND PROFILES REYNOLDS STREET</b>		F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS	STA. 54+50.00 TO STA. 59+00.00	6312	D3 HSRR 2014-002	LIVINGSTON	124
	PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -				CONTRACT NO. 66D19				

FILE NAME = c:\pwork\mg\draw-brouk\tr\anspor\station\ansp\3986\0366019-ansp-draw-001.dwg

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO.
	NO.
	NO.
	NO.



**PLAN LEGEND:**

ADJ MANHOLES OR CATCH BASINS TO BE ADJUSTED

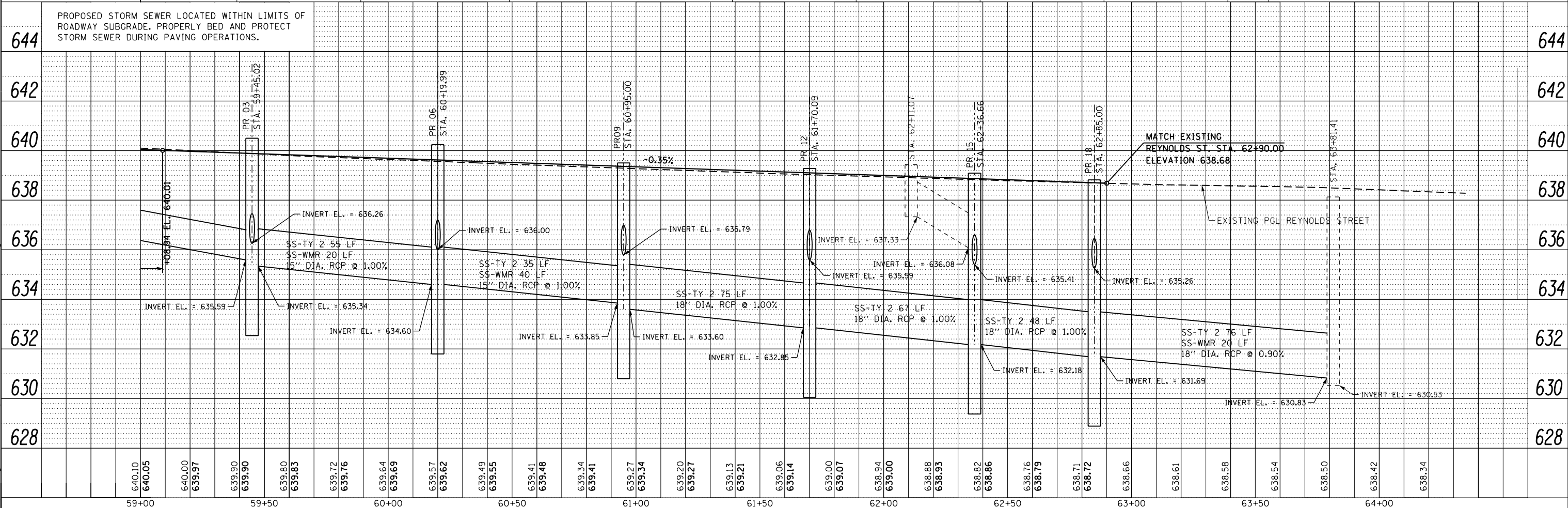
R REMOVING MANHOLES OR CATCH BASINS

• BY OTHERS

- 3A SS-TY 2 5 LF 12" DIA. RCP @ 1.00%
- 4A SS-TY 1 40 LF 12" DIA. RCP @ 1.00%
- 5A SS-TY 2 55 LF 15" DIA. RCP @ 0.99%
- 6A SS-TY 2 5 LF 12" DIA. RCP @ 1.00%
- 7A SS-TY 1 40 LF 12" DIA. RCP @ 1.00%
- 8A SS-TY 2 35 LF 15" DIA. RCP @ 1.00%
- 9A SS-TY 1 5 LF 12" DIA. RCP @ 1.00%
- 10A SS-TY 1 37 LF 12" DIA. RCP @ 1.00%
- 11A SS-TY 2 75 LF 18" DIA. RCP @ 1.00%
- 12A SS-TY 1 5 LF 12" DIA. RCP @ 1.00%
- 13A SS-TY 1 34 LF 12" DIA. RCP @ 1.00%
- 14A SS-TY 2 67 LF 18" DIA. RCP @ 1.00%
- 15A SS-TY 1 5 LF 12" DIA. RCP @ 1.00%
- 16A SS-TY 1 32 LF 12" DIA. RCP @ 1.00%
- 17A SS-TY 2 48 LF 18" DIA. RCP @ 1.00%
- 18A SS-TY 1 7 LF 12" DIA. RCP @ 1.00%
- 19A SS-TY 1 33 LF 12" DIA. RCP @ 1.00%
- 20A SS-TY 2 76 LF 18" DIA. RCP @ 0.90%

PROPOSED STORM SEWER LOCATED WITHIN LIMITS OF ROADWAY SUBGRADE. PROPERLY BED AND PROTECT STORM SEWER DURING PAVING OPERATIONS.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOT AT THIS OFFICE
	NO.
	NO.
	NO.
	NO.



USER NAME	= drew.brouk
DESIGNED	- MTL
DRAWN	- DAB
CHECKED	- JCM
DATE	- 10/29/2015

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

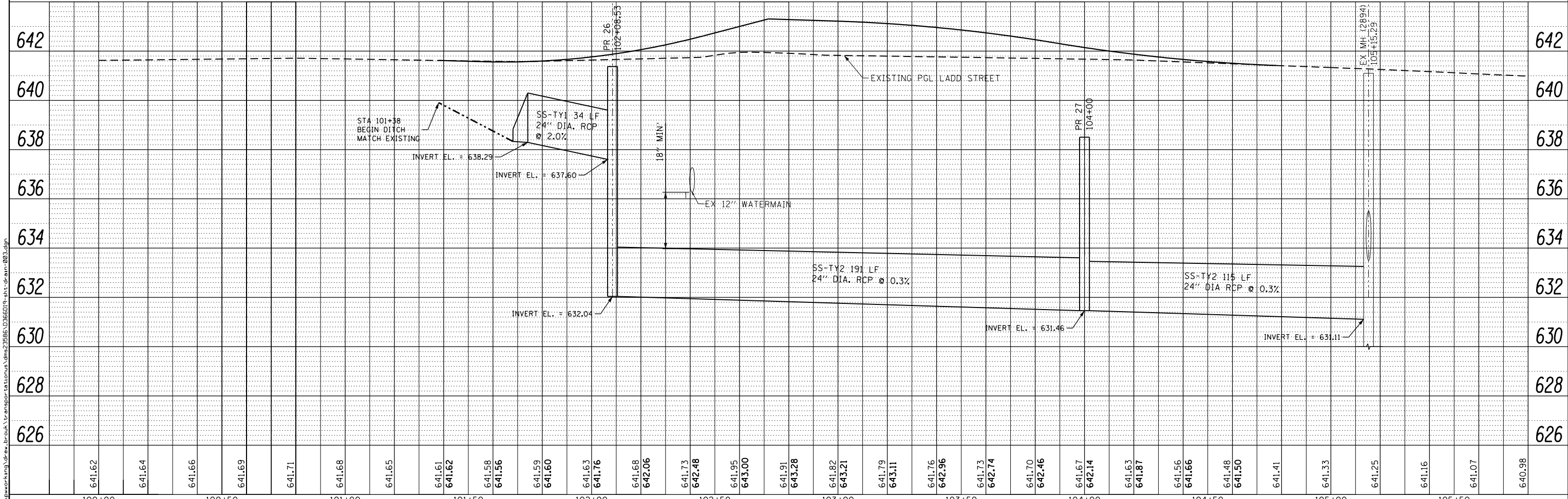
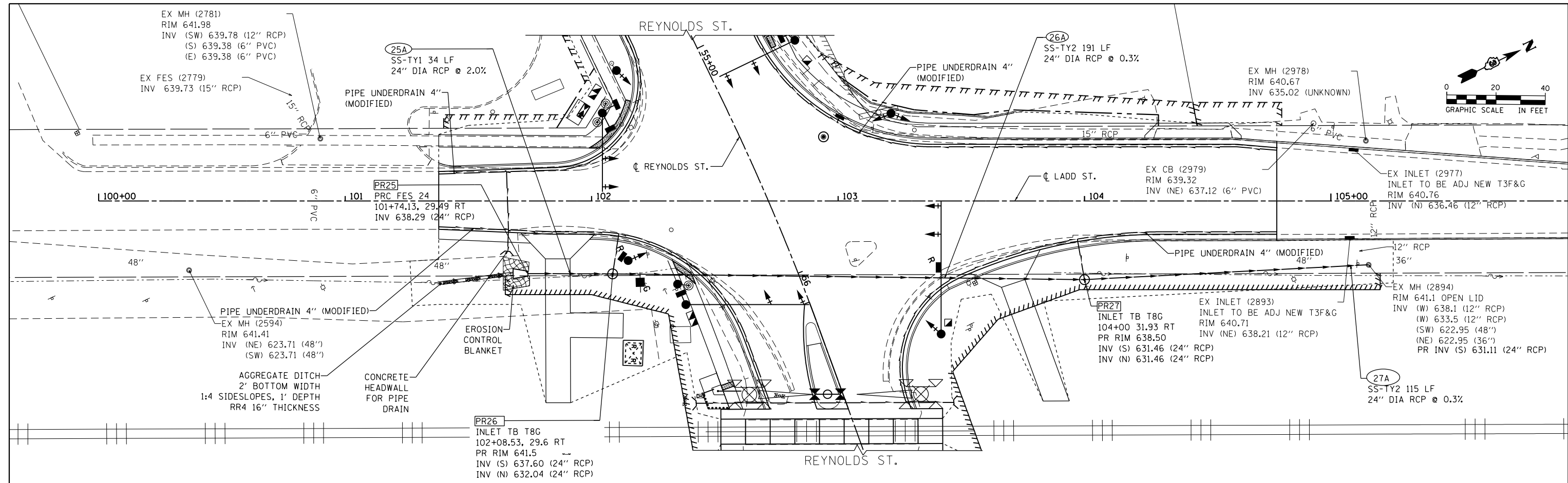
DRAINAGE PLANS AND PROFILES	
REYNOLDS STREET	
SCALE: 1" = 20'	SHEET 2 OF 4 SHEETS
STA. 59+00.00 TO STA. 62+90.00	

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	59
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	DESIGNED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NO. _____	
	FILE NAME	

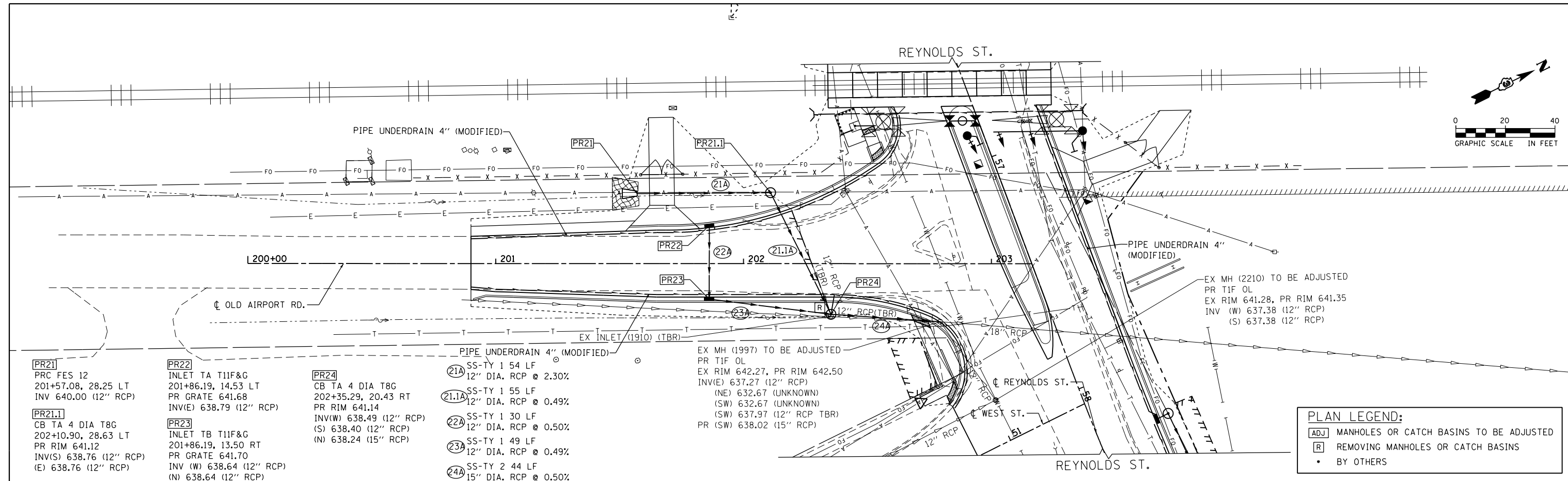


<b>AECOM</b>	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLANS AND PROFILES</b>			F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -		<b>LADD STREET</b>			6312	D3 HSRR 2014-002	LIVINGSTON	124	60
	PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -		SCALE: 1" = 20'			SHEET 3 OF 4 SHEETS	STA. 101+38.00 TO STA. 104+78.00		CONTRACT NO. 66D19	
	ILLINOIS FED. AID PROJECT											



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DESIGNED	
	BY	
	NO.	

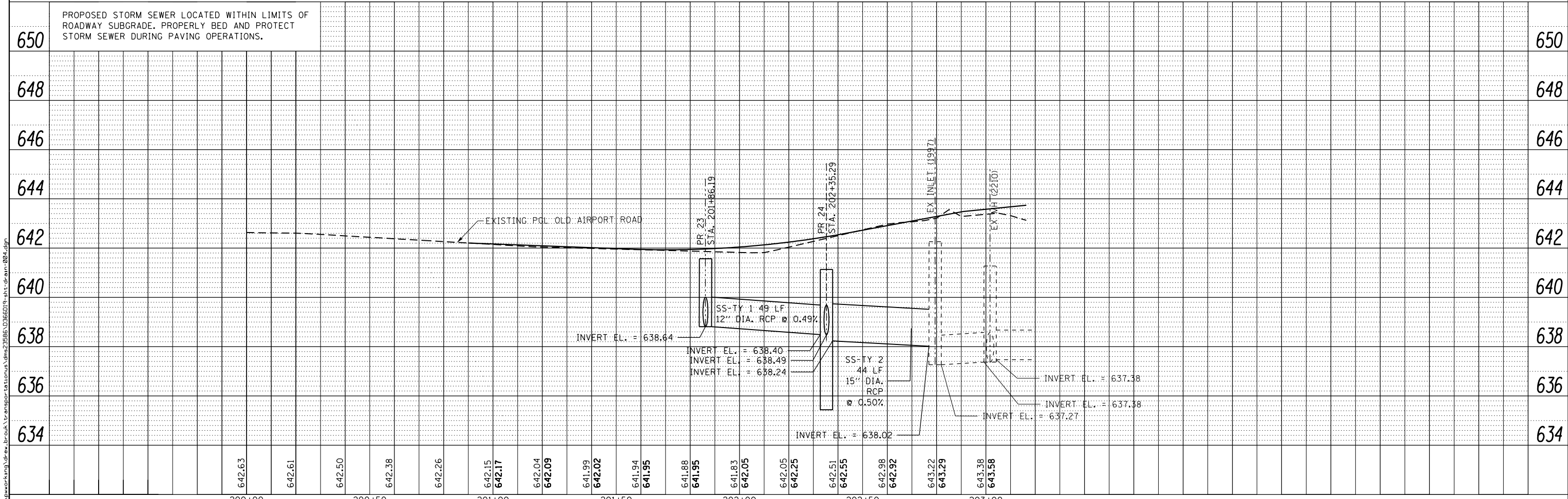
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	BY	
	NO.	



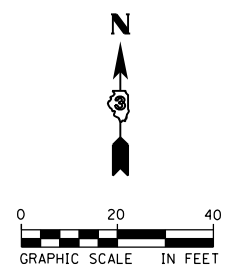
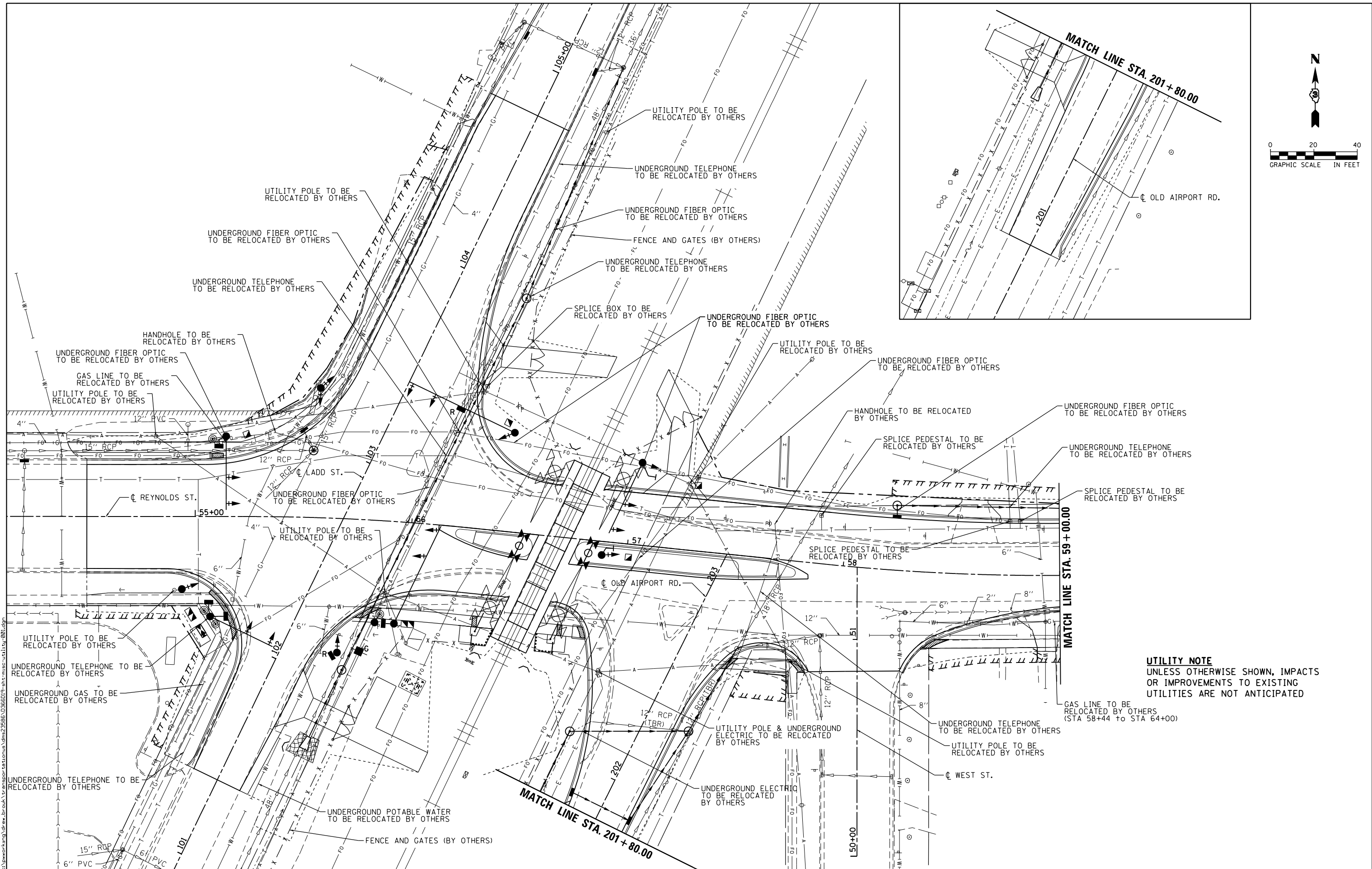
- PR21**  
PRC FES 12  
201+57.08, 28.25 LT  
INV 640.00 (12" RCP)
- PR21.1**  
CB TA 4 DIA T8C  
202+10.90, 28.63 LT  
PR RIM 641.12  
INV(S) 638.76 (12" RCP)  
(E) 638.76 (12" RCP)
- PR22**  
INLET TA T11F&G  
201+86.19, 14.53 LT  
PR GRATE 641.68  
INV(E) 638.79 (12" RCP)
- PR23**  
INLET TB T11F&G  
201+86.19, 13.50 RT  
PR GRATE 641.70  
INV (W) 638.64 (12" RCP)  
(N) 638.64 (12" RCP)
- PR24**  
CB TA 4 DIA T8C  
202+35.29, 20.43 RT  
PR RIM 641.14  
INV(W) 638.49 (12" RCP)  
(S) 638.40 (12" RCP)  
(N) 638.24 (15" RCP)
- 21A** SS-TY 1 54 LF  
12" DIA. RCP @ 2.30%
- 21.1A** SS-TY 1 55 LF  
12" DIA. RCP @ 0.49%
- 22A** SS-TY 1 30 LF  
12" DIA. RCP @ 0.50%
- 23A** SS-TY 1 49 LF  
12" DIA. RCP @ 0.49%
- 24A** SS-TY 2 44 LF  
15" DIA. RCP @ 0.50%

**PLAN LEGEND:**

- ADJ** MANHOLES OR CATCH BASINS TO BE ADJUSTED
- R** REMOVING MANHOLES OR CATCH BASINS
- BY OTHERS



<b>AECOM</b>	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLANS AND PROFILES OLD AIRPORT ROAD</b>	F.A.U. RTE. = 6312	SECTION = D3 HSRR 2014-002	COUNTY = LIVINGSTON	TOTAL SHEETS = 124	SHEET NO. = 61		
	PLOT SCALE = 40.0000 Ft / in.	CHECKED - JCM	REVISED -			SCALE: 1" = 20'	SHEET 4 OF 4 SHEETS	STA. 200+90.00 TO STA. 203+16.34	CONTRACT NO. 66D19			
	PLOT DATE = 10/29/2015	DATE = 10/29/2015	REVISED -			ILLINOIS FED. AID PROJECT						



**UTILITY NOTE**  
 UNLESS OTHERWISE SHOWN, IMPACTS  
 OR IMPROVEMENTS TO EXISTING  
 UTILITIES ARE NOT ANTICIPATED



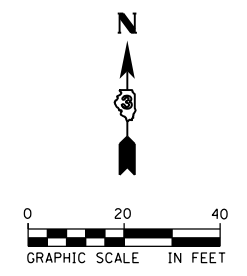
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

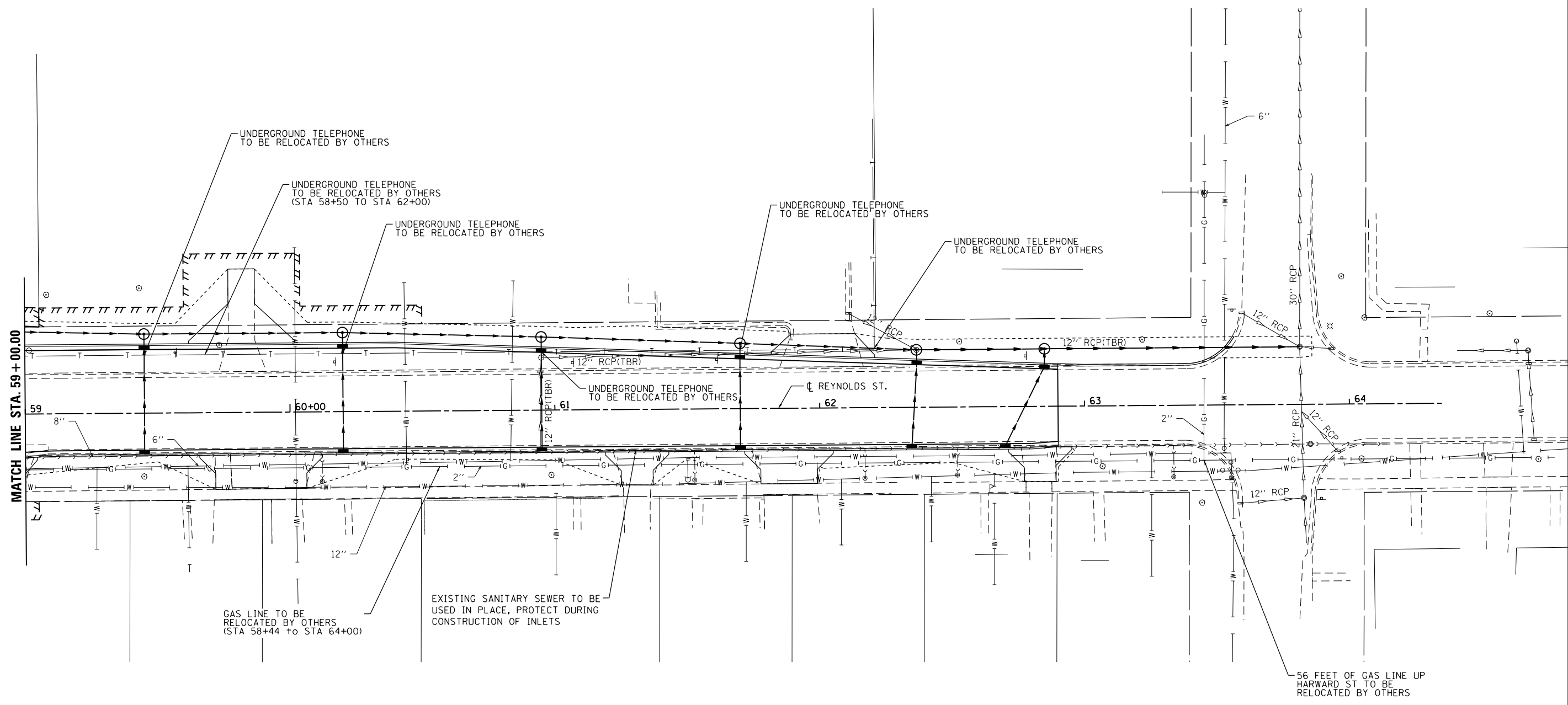
**UTILITY PLANS  
 REYNOLDS STREET**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 54+50.00 TO STA. 59+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	62
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**UTILITY NOTE**  
 UNLESS OTHERWISE SHOWN, IMPACTS  
 OR IMPROVEMENTS TO EXISTING  
 UTILITIES ARE NOT ANTICIPATED



FILE NAME: c:\yearch\eng\dr\re\br\br\transport\utility\utility-002.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>UTILITY PLANS</b>	
<b>REYNOLDS STREET</b>	
SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS
STA. 59+00.00 TO STA. 62+90.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	63
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

PARCEL NO. 3T1N561		
COURSE	BEARING	DISTANCE
POB-12	N. 74° 53' 38" W.	9.69'
12-13	N. 25° 46' 59" E.	36.06'
13-14	S. 64° 13' 01" E.	9.42'
14-POB	S. 25° 36' 09" W.	34.26'

**PARCEL NO. 3T1N561**

**BERNARD L. MILLER AND JEAN MILLER**  
 TEMPORARY EASEMENT = 333 SQ. FT. ±  
 TE PURPOSE: SHARED ENTRANCE CONSTRUCTION

PARCEL NO. 3T1N560		
COURSE	BEARING	DISTANCE
POC-POB	S. 25° 36' 09" W.	15.74'
POB-1	S. 25° 36' 09" W.	97.72'
1-2	S. 37° 31' 05" W.	19.42'
2-3	S. 77° 33' 19" W.	21.44'
3-4	N. 61° 04' 35" E.	17.15'
4-5	N. 39° 01' 25" E.	17.46'
5-6	N. 30° 32' 48" E.	24.08'
6-7	N. 18° 39' 29" E.	16.12'
7-8	N. 27° 43' 28" E.	59.03'
8-POB	S. 64° 13' 01" E.	4.57'

PARCEL NO. 3T1N560TE		
COURSE	BEARING	DISTANCE
POB-9	S. 25° 36' 09" W.	15.74'
9-8	N. 64° 13' 01" W.	4.57'
8-7	S. 27° 43' 28" W.	59.03'
7-6	S. 18° 39' 29" W.	16.12'
6-5	S. 30° 32' 48" W.	24.08'
5-4	S. 39° 01' 25" W.	17.46'
4-3	S. 61° 04' 35" W.	17.15'
3-10	S. 77° 33' 19" W.	11.57'
10-11	N. 54° 13' 09" E.	25.20'
11-12	N. 29° 19' 59" E.	129.19'
12-POB	S. 74° 53' 38" E.	9.69'

**PARCEL NO. 3T1N560**

**LIZA REYNOLDS LIMITED PARTNERSHIP**  
 TOTAL HOLDING = 15,682 SQ. FT. ±  
 TOTAL ROW REQUIRED = 738 SQ. FT. ±  
 REMAINDER = 14,944 SQ. FT. ±  
 TEMPORARY EASEMENT = 1187 SQ. FT. ±  
 TE PURPOSE: CURB CONSTRUCTION, SHARED ENTRANCE CONSTRUCTION AND GRADING

FAU 6312 (REYNOLDS STREET)

NW COR LOT 1 STA. 52+90.44 41.07' RT  
 POC PARCEL 3T1N562, POC PARCEL 3T1N562TE-1 & POC PARCEL 3T1N562TE-2  
 IRON PIPE (FOUND)

PARCEL NO. 3T1N562		
COURSE	BEARING	DISTANCE
POC-POB	S. 89° 55' 40" E.	198.63'
POB-15	S. 89° 55' 40" E.	11.82'
15-16	S. 32° 09' 45" E.	16.00'
16-17	S. 25° 36' 09" W.	11.82'
17-POB	N. 32° 09' 45" W.	28.61'

PARCEL NO. 3T1N562TE-1		
COURSE	BEARING	DISTANCE
POC-POB	S. 89° 55' 40" E.	154.56'
POB-18	S. 89° 55' 40" E.	44.07'
18-19	S. 32° 09' 45" E.	6.85'
19-20	N. 89° 57' 58" W.	47.72'
20-POB	N. 00° 02' 03" E.	5.82'

PARCEL NO. 3T1N562TE-2		
COURSE	BEARING	DISTANCE
POC-POB	S. 89° 55' 40" E.	198.63'
POB-18	S. 32° 09' 45" E.	22.31'
POB-17	S. 32° 09' 45" E.	6.30'
17-21	S. 25° 36' 09" W.	45.84'
21-22	N. 64° 13' 01" W.	5.49'
22-POB	N. 25° 46' 59" E.	49.19'

**PARCEL NO. 3T1N562**

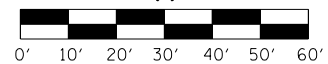
**STREATOR PONTIAC PROPERTIES, LLC**  
 TOTAL HOLDING = 35,719 SQ. FT. ±  
 TOTAL ROW REQUIRED = 223 SQ. FT. ±  
 REMAINDER = 35,496 SQ. FT. ±  
 TEMPORARY EASEMENT 1 = 267 SQ. FT. ±  
 TEMPORARY EASEMENT 2 = 257 SQ. FT. ±  
 TE 1 PURPOSE: SIDEWALK CONSTRUCTION AND GRADING  
 TE 2 PURPOSE: GRADING



NOTES:  
 BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (CORS 96)  
 ALL STATIONS AND OFFSETS ARE FROM PROPOSED CENTERLINE.  
 SEE SHEET 2 OF 2 FOR CURVE DATA.

THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3614



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS  
 PROJECT: REYNOLDS ST. AT DOT#290759U  
 JOB NO. R-93-003-14  
 SHEET 1 OF 2 SHEETS  
 STA. 54+00 TO STA. 59+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	64
REYNOLDS ST. AT DOT#290759U		CONTRACT NO. 66D19		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



USER NAME	DESIGNED	REVISED
drew.brouk	-	-
	DRAWN	REVISED
	CHECKED	REVISED
	DATE	REVISED

FILE NAME: c:\neworking\draw\brbrouk\transport\dotcom\dm290759u\sh1-r-93-003-14.dwg

SW 1/4 SEC 22 T28N R5E 3rd PM

PROP. CURVE 59UREYNP1  
 PI STA. = 55+75.59  
 $\Delta = 5^\circ 47' 08''$  (RT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 50.53'$   
 $L = 100.98'$   
 $E = 1.28'$   
 P.C. STA = 55+25.06  
 P.T. STA = 56+26.04

PROP. CURVE 59UREYNP2  
 PI STA. = 58+47.09  
 $\Delta = 6^\circ 15' 19''$  (LT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 54.64'$   
 $L = 109.18'$   
 $E = 1.49'$   
 P.C. STA = 57+92.45  
 P.T. STA = 59+01.63

PARCEL NO. 3T1N565

COURSE	BEARING	DISTANCE
POB-29	N. 00° 28' 31" W.	7.13'
29-35	N. 89° 33' 51" E.	54.58'
35-36	N. 00° 26' 09" W.	20.00'
36-37	N. 89° 33' 51" E.	44.00'
37-38	S. 00° 26' 09" E.	20.00'
38-39	N. 89° 33' 51" E.	46.00'
39-40	S. 00° 26' 09" E.	7.03'
40-POB	S. 89° 31' 29" W.	144.58'

**PARCEL NO. 3T1N565**

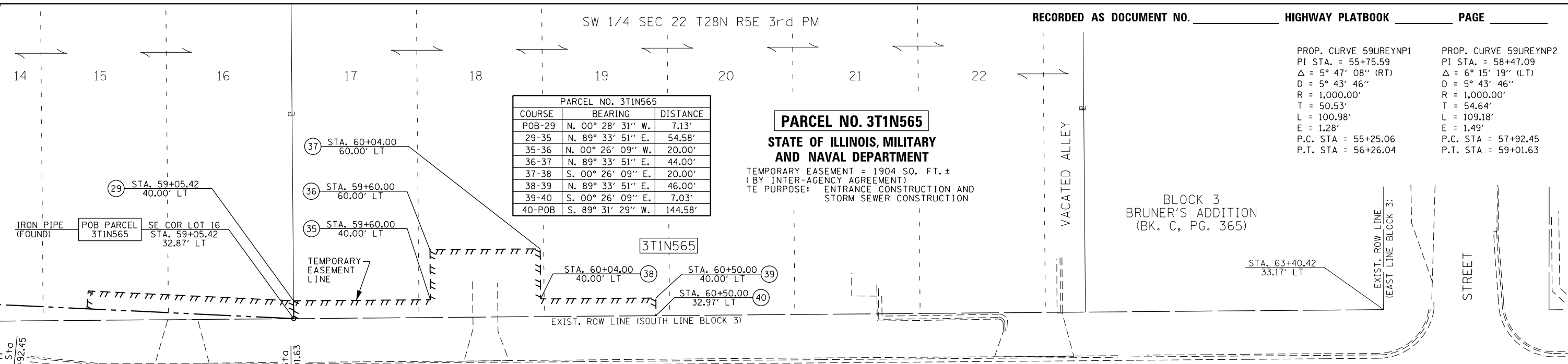
STATE OF ILLINOIS, MILITARY AND NAVAL DEPARTMENT  
 TEMPORARY EASEMENT = 1904 SQ. FT. ±  
 (BY INTER-AGENCY AGREEMENT)  
 THE PURPOSE: ENTRANCE CONSTRUCTION AND STORM SEWER CONSTRUCTION

BLOCK 3  
 BRUNER'S ADDITION  
 (BK. C, PG. 365)

VACATED ALLEY

EXIST. ROW LINE (EAST LINE BLOCK 3)

STREET



PARCEL NO. 3T1N566

COURSE	BEARING	DISTANCE
POB-41	S. 00° 03' 56" W.	6.86'
41-48	S. 89° 33' 51" W.	25.00'
48-42	S. 82° 20' 02" W.	25.23'
42-43	N. 00° 03' 56" E.	10.00'
43-POB	N. 89° 31' 29" E.	50.00'

**PARCEL NO. 3T1N566**  
**GRETCHEN STINEBAUGH**  
 TEMPORARY EASEMENT = 382 SQ. FT. ±  
 THE PURPOSE: SIDEWALK CONSTRUCTION AND GRADING

PARCEL NO. 3T1N567

COURSE	BEARING	DISTANCE
POB-49	N. 89° 31' 29" E.	15.65'
49-50	S. 00° 26' 09" E.	6.87'
50-41	S. 89° 33' 51" W.	15.71'
41-POB	N. 00° 03' 56" E.	6.86'

**PARCEL NO. 3T1N567**  
**MICHELLE SCHULTZ**  
 TEMPORARY EASEMENT = 108 SQ. FT. ±  
 THE PURPOSE: ENTRANCE CONSTRUCTION AND GRADING

BLOCK 16  
 FELL'S SECOND ADDITION  
 (BK. 1, PG. 203)

EXIST. ROW LINE (EAST LINE BLOCK 16)

HARWARD STREET

NOTES:  
 BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (CORS 96)  
 ALL STATIONS AND OFFSETS ARE FROM PROPOSED CENTERLINE.

THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

ILLINOIS PROFESSIONAL LAND SURVEYOR \_\_\_\_\_ DATE \_\_\_\_\_  
 NO. 3614



NW 1/4 SEC 27 T28N R5E 3rd PM



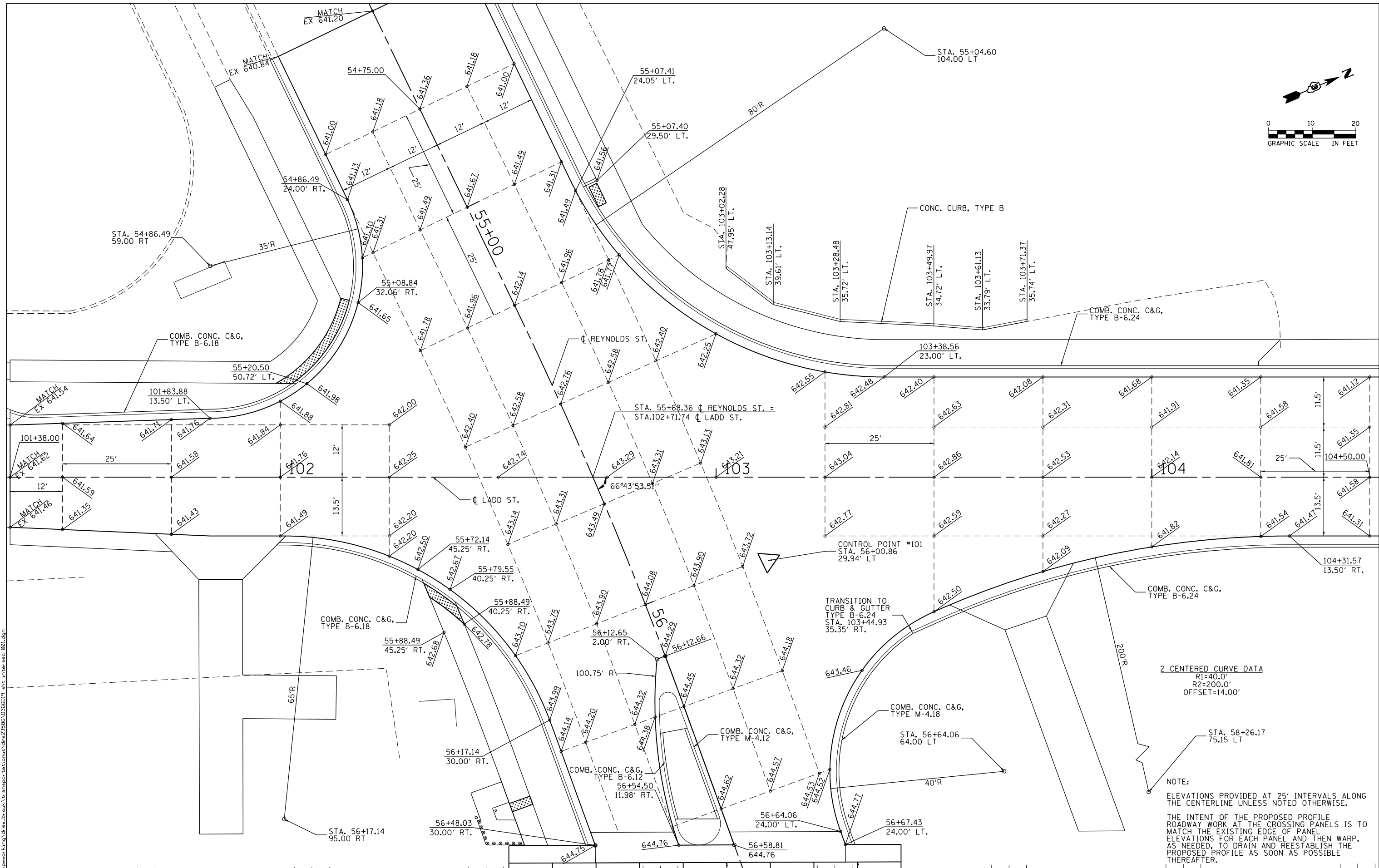
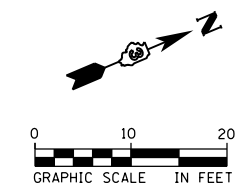
USER NAME = drew.brouk	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/29/2015	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**RIGHT-OF-WAY PLANS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	65
PROJECT		JOB NO. R-93-003-14		
SHEET 2 OF 2 SHEETS		STA. 58+00 TO STA. 64+00		
SCALE: 1" = 20'		REYNOLDS ST. AT DOT#290759U		CONTRACT NO. 66D19
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT

FILE NAME = c:\neworking\dr\re\_brouk\transportation\dm2956\0366019-akt\comp\plan-002.dgn



**2 CENTERED CURVE DATA**  
 R1=40.0'  
 R2=200.0'  
 OFFSET=14.00'

**NOTE:**  
 ELEVATIONS PROVIDED AT 25' INTERVALS ALONG THE CENTERLINE UNLESS NOTED OTHERWISE.  
 THE INTENT OF THE PROPOSED PROFILE ROADWAY WORK AT THE CROSSING PANELS IS TO MATCH THE EXISTING EDGE OF PANEL ELEVATIONS FOR EACH PANEL AND THEN WARP, AS NEEDED, TO DRAIN AND REESTABLISH THE PROPOSED PROFILE AS SOON AS POSSIBLE THEREAFTER.

FILE NAME: c:\neworking\drw\brn\brn\transportation\mst\2586\0366019\int\intersec-201.dwg



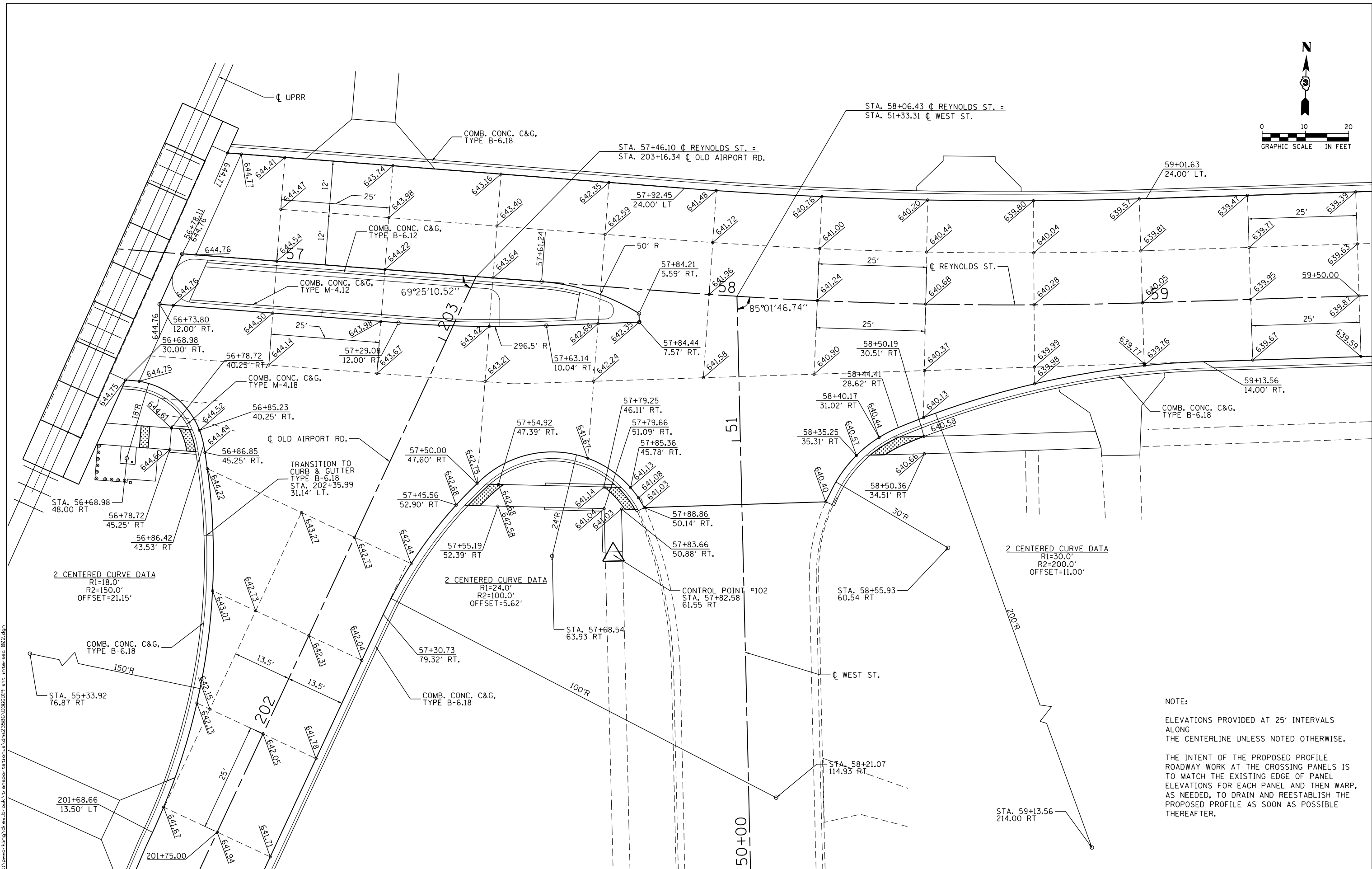
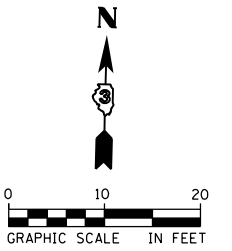
USER NAME = drew.brn	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 20.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
 REYNOLDS STREET / LADD STREET**

SCALE: 1" = 10' SHEET 1 OF 2 SHEETS STA. 54+50.00 TO STA. 56+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	66
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



NOTE:  
 ELEVATIONS PROVIDED AT 25' INTERVALS  
 ALONG  
 THE CENTERLINE UNLESS NOTED OTHERWISE.  
 THE INTENT OF THE PROPOSED PROFILE  
 ROADWAY WORK AT THE CROSSING PANELS IS  
 TO MATCH THE EXISTING EDGE OF PANEL  
 ELEVATIONS FOR EACH PANEL AND THEN WARP,  
 AS NEEDED, TO DRAIN AND REESTABLISH THE  
 PROPOSED PROFILE AS SOON AS POSSIBLE  
 THEREAFTER.



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 20.0000 ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
 REYNOLDS STREET / OLD AIRPORT ROAD**

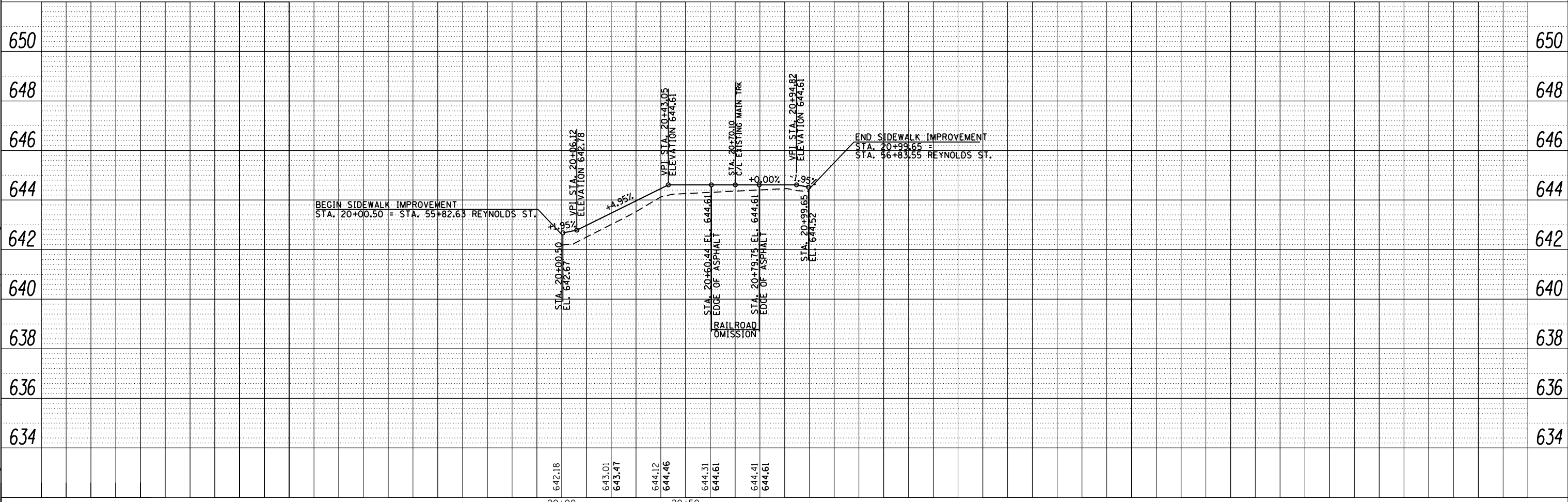
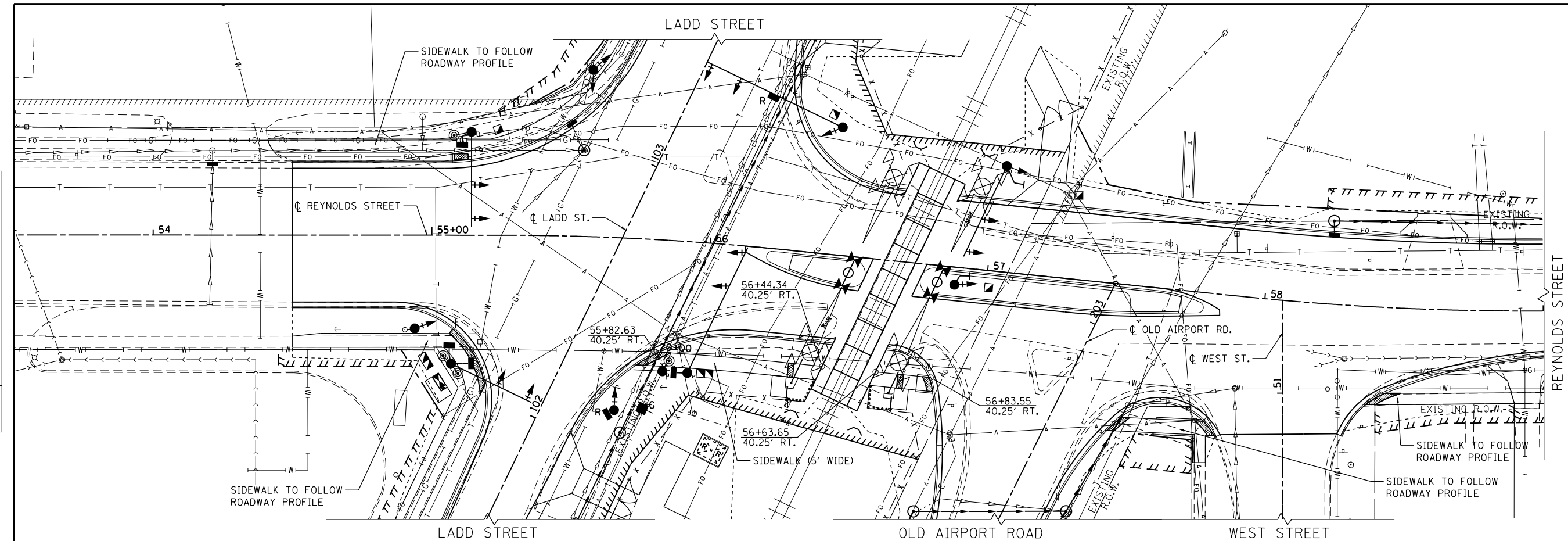
SCALE: 1" = 10' SHEET 2 OF 2 SHEETS STA. 56+50.00 TO STA. 59+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	67
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	



USER NAME = drew.brouk  
 PLOT SCALE = 40.0000 ft / in.  
 PLOT DATE = 10/29/2015

DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

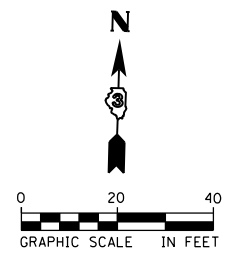
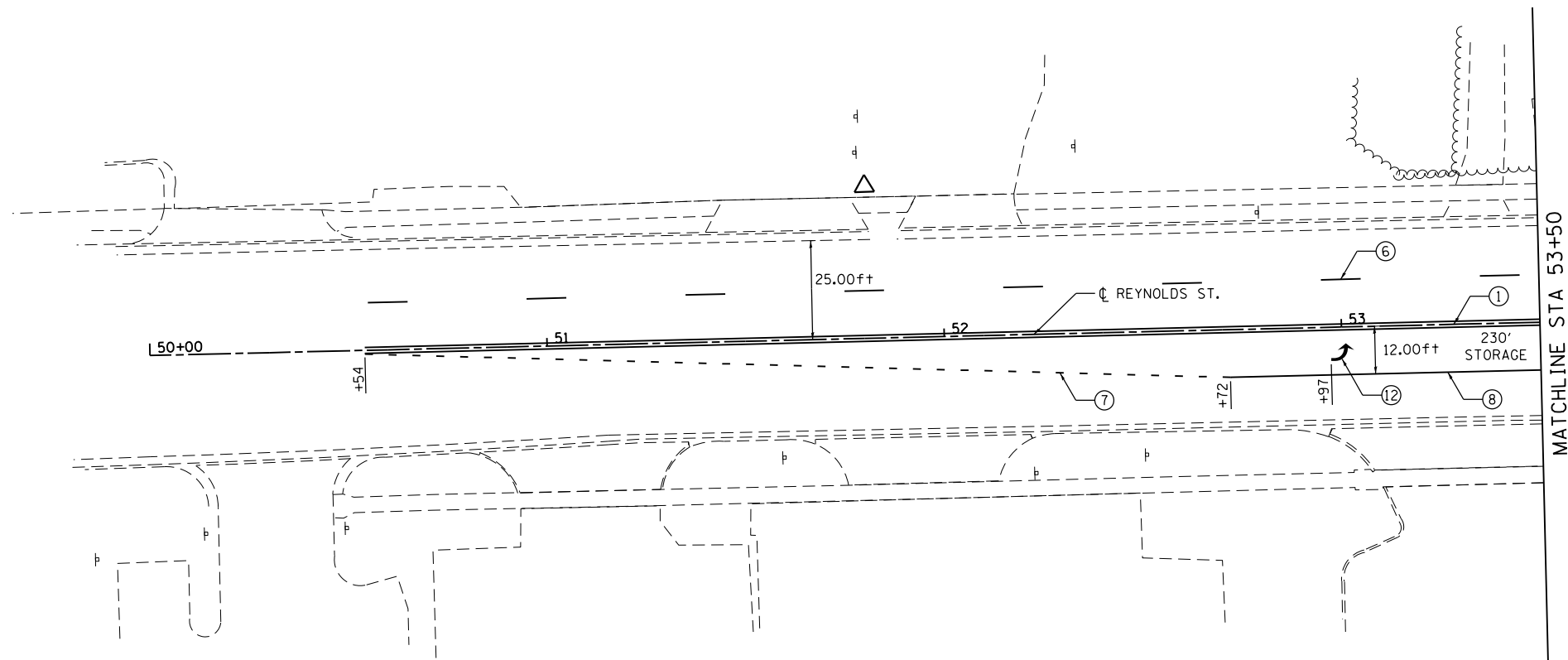
SIDEWALK PLAN AND PROFILE  
 REYNOLDS STREET  
 SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 20+00.50 TO STA. 20+99.65

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	68
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING  
- LINE 4" (DOUBLE YELLOW, 11" C-C)
- ⑥ THERMOPLASTIC PAVEMENT MARKING  
- LINE 6" (WHITE SKIP DASH, 10' LINE 30' SPACE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING  
- LINE 8" (WHITE SKIP DASH, 2' LINE 6' SPACE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING  
- LINE 8" (SOLID WHITE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING  
- LETTER AND SYMBOLS (WHITE)



FILE NAME: c:\ywork\hunting\draw\reynolds\transportation\dm2256\0366019-ah\tr\pkm\_sigr-001.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND PAVEMENT MARKING PLANS  
REYNOLDS STREET**

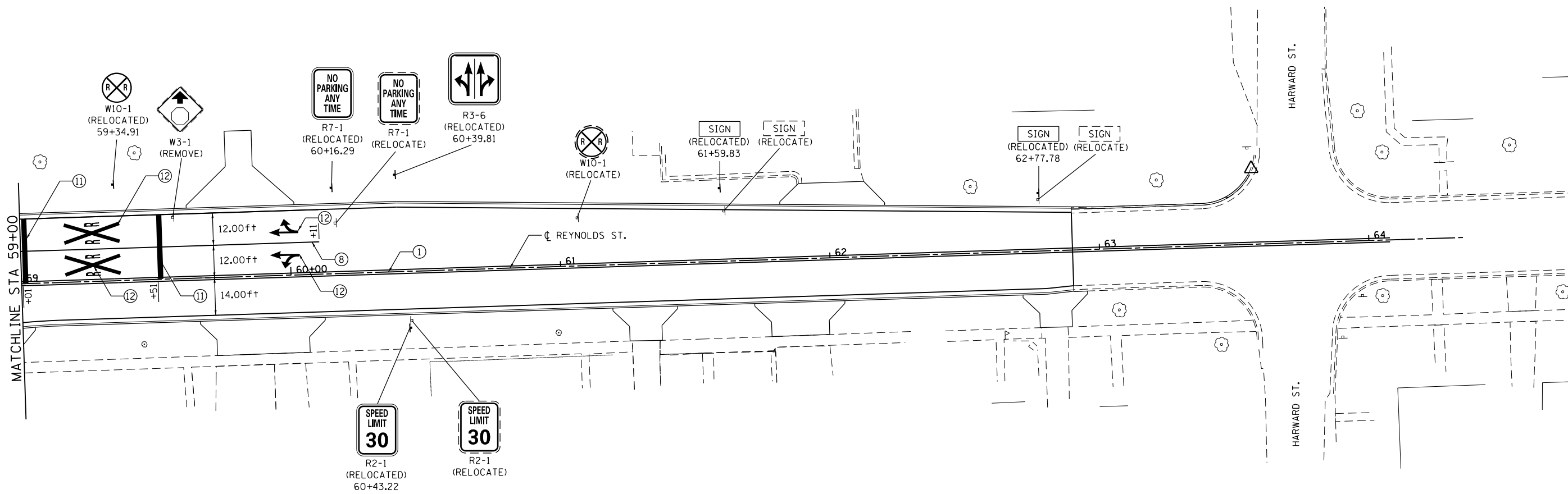
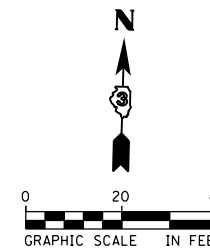
SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 50+00.00 TO STA. 53+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	69
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING  
- LINE 4" (DOUBLE YELLOW, 11" C-C)
- ⑧ THERMOPLASTIC PAVEMENT MARKING  
- LINE 8" (SOLID WHITE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING  
- LINE 24" (SOLID WHITE STOP BAR)
- ⑫ THERMOPLASTIC PAVEMENT MARKING  
- LETTER AND SYMBOLS (WHITE)



FILE NAME: c:\ywork\hunting\draw\reynolds\transportation\dm\22566\_0366019-ah\tr-pmk-sign-003.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISOR -	
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISOR -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

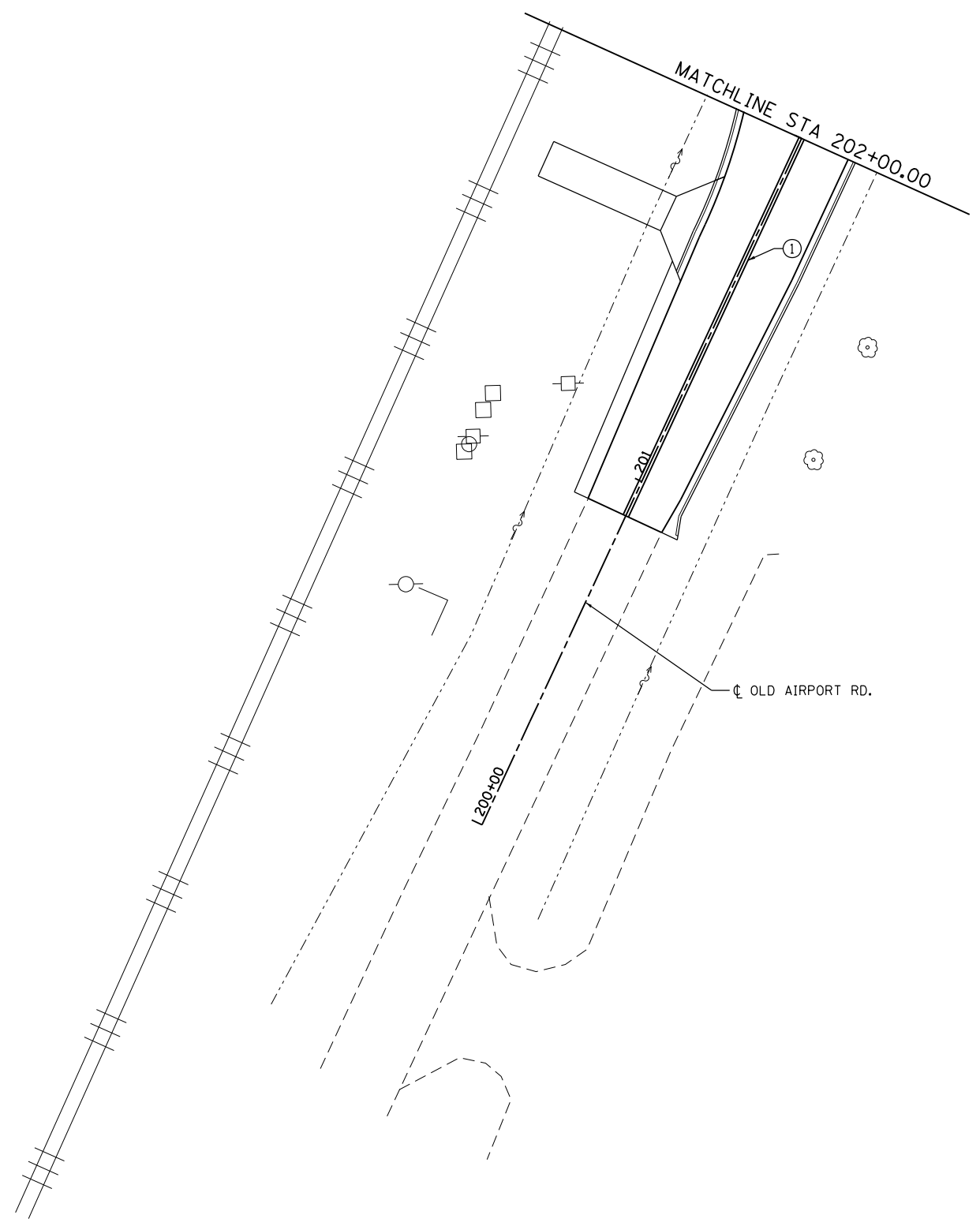
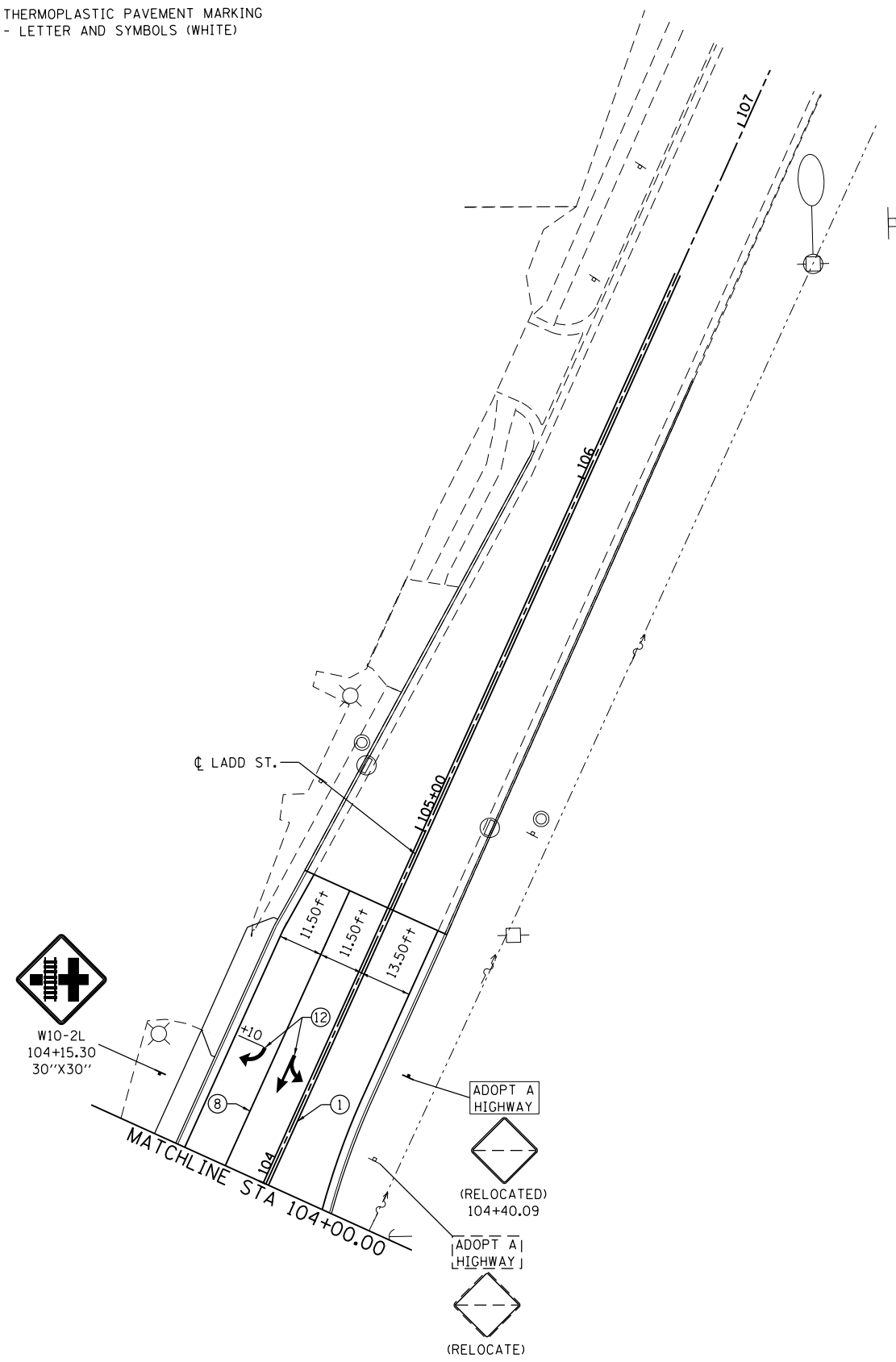
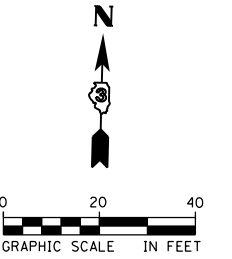
**SIGNING AND PAVEMENT MARKING PLANS  
REYNOLDS STREET**

SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 59+00.00 TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	71
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING  
- LINE 4" (DOUBLE YELLOW, 11" C-C)
- ⑧ THERMOPLASTIC PAVEMENT MARKING  
- LINE 8" (SOLID WHITE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING  
- LETTER AND SYMBOLS (WHITE)



FILE NAME: c:\ywork\hwy\transport\ladd\transport\ladd\sign\ladd\sign-004.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISED -	
CHECKED - JCM	REVISED -	
DATE - 10/29/2015	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND PAVEMENT MARKING PLANS  
LADD STREET & OLD AIRPORT ROAD**

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. 101+38.00 TO STA. 104+78.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	72
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

**TRAFFIC SIGNAL GENERAL NOTES**

1. THE CONTRACTOR SHALL CONTACT THE CITY OF PONTIAC (815-844-3796) A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE J.U.L.I.E. NUMBER IS 800-892-0123.
4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
5. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
6. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
7. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEMS.
8. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. THE COST IS TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
9. ALL CONDUIT IN TRENCH SHALL BE PVC. ALL CONDUIT PUSHED MAY BE PVC OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
10. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
12. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
13. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PAINT, PRIOR TO ASSEMBLY.
14. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
15. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
16. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
17. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.



**SCHEDULE OF POLE/MAST ARM ASSEMBLIES**

LOCATION	STATION	LENGTH
A	56+43.07, 45.8' LT	54 FT. S. COMB. MAA. & POLE
B	57+03.07, 38.0' LT	36 FT. S. MAA. & POLE
C	56+88.61, 6.3' RT	9 FT. SIGNAL POST
D	55+95.02, 47.0' RT	50 FT. S. COMB. MAA. & POLE
E	55+85.61, 47.0' RT	PED. ONE PUSH BUTTON POST
F	55+68.07, 61.8' RT	18 FT. SIGNAL POST
G	55+06.87, 46.1' RT	32 FT. S. COMB. MAA. & POLE
H	54+93.85, 33.4' RT	15 FT. SIGNAL POST
J	55+14.23, 37.0' LT	34 FT. S. COMB. MAA. & POLE
K	55+56.05, 59.8' LT	16 FT. SIGNAL POST

**SCHEDULE OF SIGNAL HEAD QUANTITIES**

LOCATION	ITEM	UNIT	QTY.
1, 2, 5, 6, 9, 11, 15	SH, LED, 1F, 3S, MAM	EACH	7
4, 7, 10, 16	SH, LED, 1F, 3S, BM	EACH	4
13	SH, LED, 1F, 4S, BM	EACH	1
14	SH, LED, 1F, 4S, MAM	EACH	1
3, 17	SH, LED, 1F, 5S, BM	EACH	2
8, 12	SH, LED, 1F, 5S, MAM	EACH	2

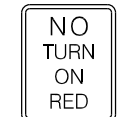
**TRAFFIC SIGNAL & LIGHTING LEGEND**

- PROPOSED TRAFFIC SIGNAL CONTROLLER WITH COMBINATION LIGHTING CONTROLLER
- SERVICE INSTALLATION (GROUND MOUNTED)
- SIGNAL HEAD WITH BACKPLATE
- PEDESTRIAN SIGNAL HEAD
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT, M-C-3, 45 FT M.H., 15 FT MAST ARM
- HANDHOLE
- DOUBLE HANDHOLE
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP, TYPE 1
- RAILROAD CONTROL CABINET (RELOCATED)
- ILLUMINATED SIGN "NO RIGHT TURN"
- UNINTERRUPTIBLE POWER SUPPLY

- CONSTRUCTION NOTES:**
1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BRACKET MOUNTED IN A MANNER TO ENSURE VISIBILITY ALONG THE CROSSWALKS. NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 PRIOR TO INSTALLATION.
  2. THE ENGINEER IN COORDINATION WITH THE DISTRICT TRAFFIC SIGNAL ENGINEER AND THE ICC SHALL DETERMINE THE EXACT LOCATION OF TRAFFIC SIGNAL EQUIPMENT IN THE FIELD SO THAT THE TRAFFIC SIGNAL POSTS AND APPURTENANCES DO NOT INTERFERE WITH THE VISIBILITY OF THE RAILROAD CROSSING SIGNALS.
  3. TYPE 1 DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER COURSE.
  4. INSTALL CONDUIT UNDER THE RAILROAD TRACK WITHIN AN 8" RGS SLEEVE A MINIMUM OF 5.5 FT BELOW GRADE, PER UPRR DESIGN REQUIREMENTS. SEE DETAIL ON TRAFFIC SIGNAL SHEET 7 OF 7.
  5. TRAFFIC SIGNAL DETECTOR LOOPS SHALL BE INSTALLED AT LEAST 10 FEET FROM RAILROAD CROSSING DETECTOR LOOPS.
  6. CONDUIT TO BE TERMINATED INTO THE BUNGALOW OR JUNCTION BOX MOUNTED TO THE BUNGALOW (IF PRESENT). CONTRACTOR TO COORDINATE EXACT CONDUIT TERMINATION AND TERMINATION OF CONDUCTORS/ CABLE WITH RAILROAD FORCES IN THE FIELD.

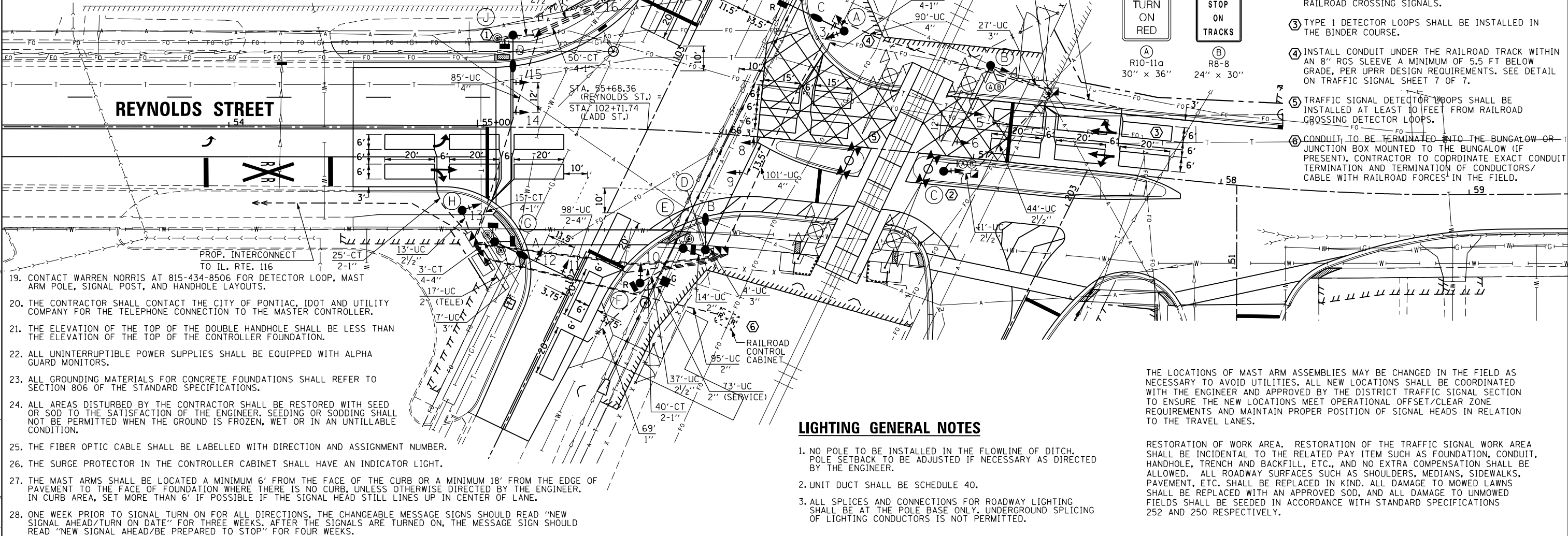
**TRAFFIC SIGNAL SIGNAGE**

SEE CABLE PLAN FOR PEDESTRIAN CROSSING SIGNAGE DETAILS  
SIGNS ARE QUANTIFIED ON THE SIGNAGE PLANS



(A) R10-11a  
30" x 36"

(B) R8-8  
24" x 30"



**LIGHTING GENERAL NOTES**

1. NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
2. UNIT DUCT SHALL BE SCHEDULE 40.
3. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT THE POLE BASE ONLY. UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED.

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

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



USER NAME = matthew.libera	DESIGNED - KMO/MRF	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - KMO/MRF	REVISED -
PLOT DATE = 11/24/2015	CHECKED - MJL	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL AND LIGHTING PLANS  
REYNOLDS STREET AND LADD STREET

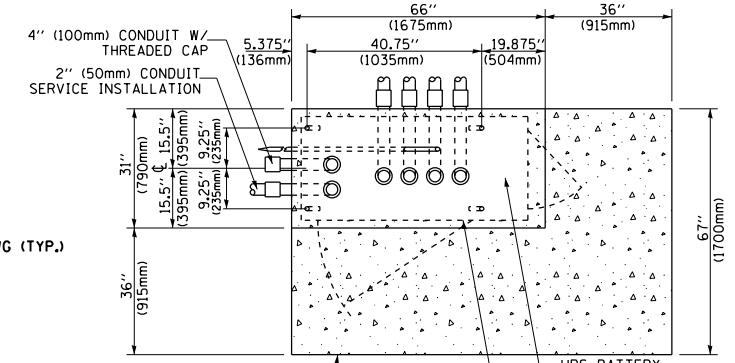
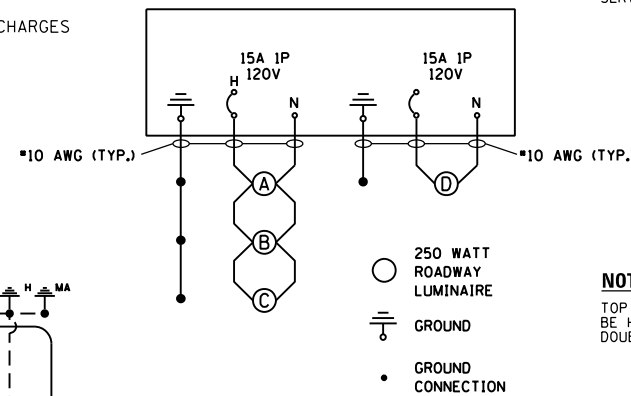
SCALE: 1" = 20' SHEET 1 OF 7 SHEETS STA. SHEET TO STA. SHEET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	73
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

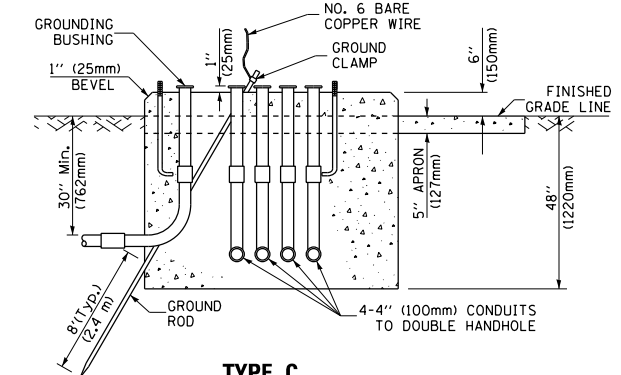
### LIGHTING CIRCUIT DIAGRAM

AGENCY RESPONSIBLE FOR ENERGY CHARGES:  
CITY OF PONTIAC  
CONTRACTOR PAYS ALL ENERGY CHARGES  
UNTIL PROJECT IS ACCEPTED

LIGHTING CABLE  
600V (XLP-TYPE USE)  
3 - 1/C NO. 10



**NOTE:**  
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

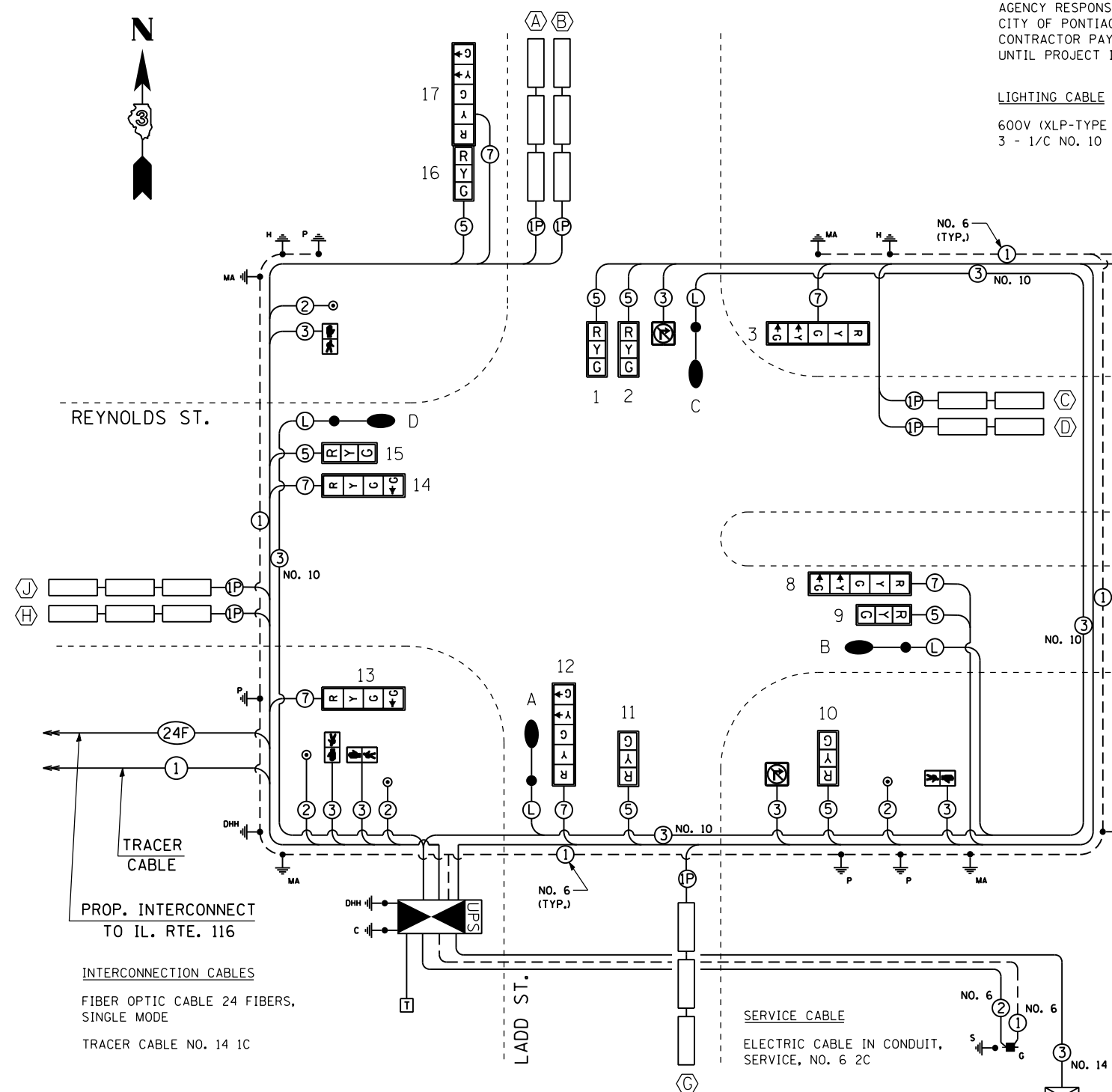


**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**

### SUMMARY OF QUANTITIES

PAY ITEM	UNITS	QNTY.
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, PVC, 2 IN. DIA.	FOOT	182
UNDERGROUND CONDUIT, PVC, 2 1/2 IN. DIA.	FOOT	145
UNDERGROUND CONDUIT, PVC, 3 IN. DIA.	FOOT	51
UNDERGROUND CONDUIT, PVC, 4 IN. DIA.	FOOT	484
UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1 IN. DIA.	FOOT	735
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	508
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	366
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	384
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	3,054
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	940
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,267
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	104
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	84
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	816
TRAFFIC SIGNAL POST, GALVANIZED STEEL 9 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	63
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	17
INDUCTIVE LOOP DETECTOR	EACH	9
DETECTOR LOOP, TYPE I	FOOT	1,573
PEDESTRIAN PUSH-BUTTON	EACH	4
ILLUMINATED SIGN, LED	EACH	2
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, STANARD	EACH	1
STEEL CASINGS 8"	FOOT	60
COMBINATION LIGHTING CONTROLLER	EACH	1
SPARE FULL ACTUATED CONTROLLER, SPECIAL	EACH	1

- NOTE:**
- THE TRAFFIC SIGNAL CONTROLLER SHALL HAVE REMOTE MONITORING CAPABILITIES INCLUDING ALL NECESSARY PERIPHERAL HARDWARE SUCH AS A PHONE MODEM, INTERSECTION MONITOR, ETC. TO ALLOW FOR BOTH REMOTE DIAL-IN ACCESS AND AUTOMATIC CONTROLLER DIAL-OUT REPORTING OF ALARMS. THE COST OF THE NECESSARY ADDITIONAL HARDWARE SHALL BE INCIDENTAL TO THE UNIT PRICE FOR "RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET."
  - PRE-SIGNAL DISPLAYS: THE MAST ARM SHAFT MOUNTED DISPLAY ON THE NORTH SIDE OF REYNOLDS ST. SHALL BE AT AN 8-FOOT MOUNTING HEIGHT TO THE BOTTOM OF THE SIGNAL BRACKET. THE POST MOUNTED DISPLAY IN THE REYNOLDS ST. MEDIAN SHALL BE AT A 4.5-FOOT MOUNTING HEIGHT TO THE BOTTOM OF THE SIGNAL BRACKET.
  - ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT ADN TO THE SATISFACTION OF THE ENGINEER.



### PROPOSED CABLE DIAGRAM LEGEND

- ⊙ DENOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED
- PROPOSED SERVICE INSTALLATION, GROUND MTD.
- ⊠ PROPOSED TRAFFIC SIGNAL CONTROLLER AND CABINET WITH COMBINATION LIGHTING CONTROLLER
- PROPOSED UNINTERRUPTIBLE POWER SUPPLY
- ⊠ PROPOSED RELOCATED RAILROAD CONTROL CABINET
- ⊠ PROPOSED TELEPHONE SERVICE
- ⊠ GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)
- ⊠ GROUND ROD AT POST (P), MAST ARM (MA), CONTROLLER (C), HANDHOLE (H), OR SERVICE INSTALLATION (S)
- ⊠ PEDESTRIAN PUSHBUTTON
- ⊠ LUMINAIRE, SODIUM VAPOR, 250 WATT
- ⊠ VEHICLE DETECTOR, INDUCTION LOOP
- SIGNAL SECTION, 12"
- ⊠ PROPOSED WALK/DON'T WALK SECTION
- ⊠ PROPOSED ILLUMINATED "NO TURN" SIGN
- ⊠ TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC

FILE NAME: c:\pwworking\matthew.libera\transportation\dmz25686\0366519-ht-15-0802.dgn



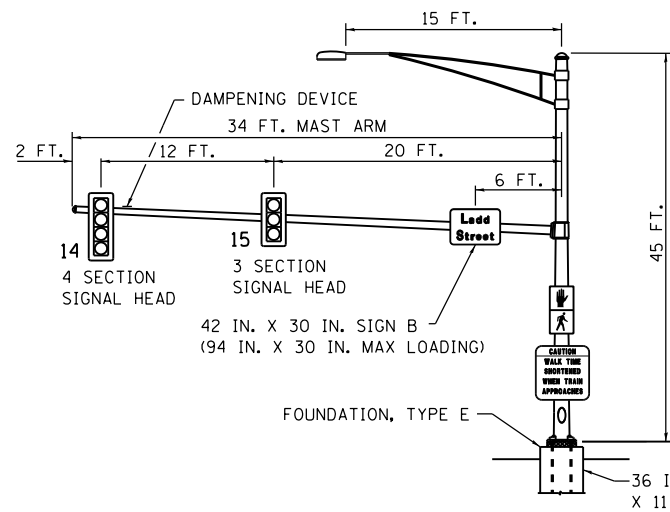
USER NAME = matthew.libera	DESIGNED - MRF/KMO	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - MRF/KMO	REVISED -
PLOT DATE = 11/3/2015	CHECKED - MJL	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

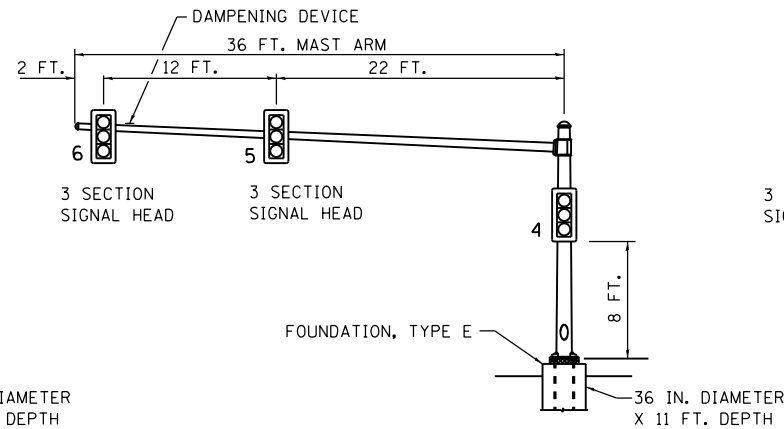
TRAFFIC SIGNAL AND LIGHTING PLANS  
TRAFFIC SIGNAL CABLE DIAGRAM AND SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	74
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	

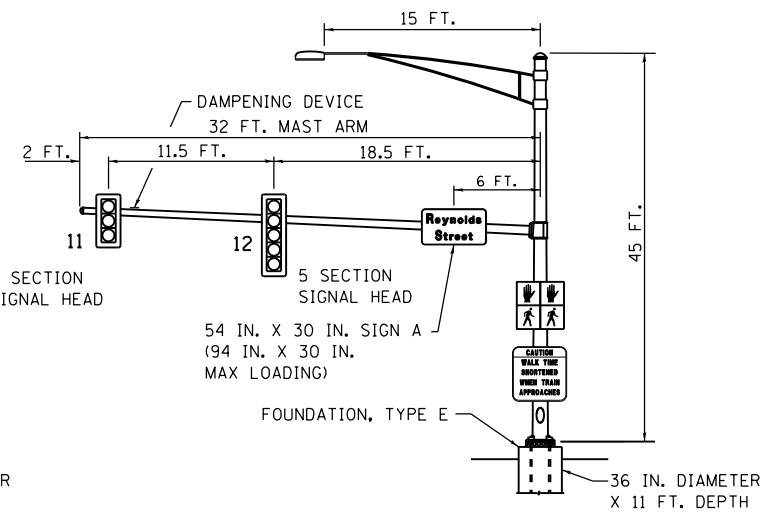
SCALE: NTS SHEET 2 OF 7 SHEETS STA. TO STA.



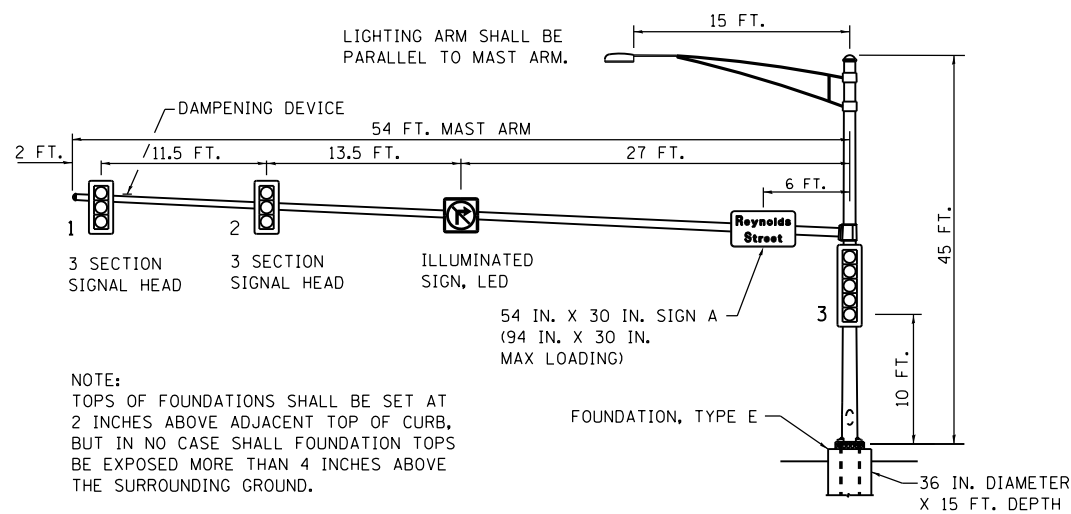
**MAST ARM NORTHWEST QUADRANT (J)**



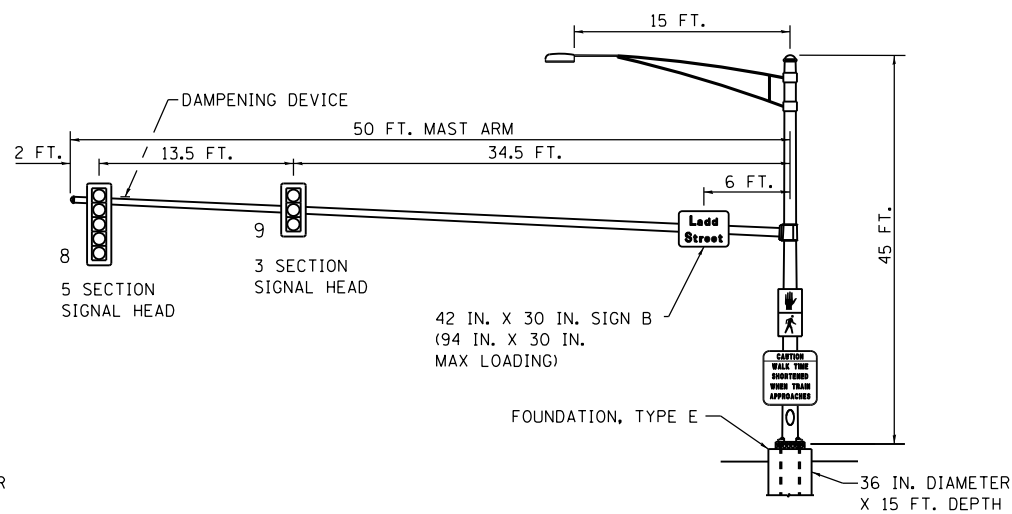
**MAST ARM NORTHEAST QUADRANT (B) PRE-SIGNAL**



**MAST ARM SOUTHWEST QUADRANT (G)**



**MAST ARM NORTHEAST QUADRANT (A)**



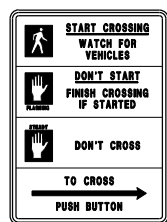
**MAST ARM SOUTHEAST QUADRANT (D)**

**ELECTRICAL LOAD CHART**

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
<b>REYNOLDS ST. (WB PRE-SIGNAL)</b>			
RED	4	17	69
YELLOW	4	25	4
GREEN	4	15	27
<b>REYNOLDS STREET (WB)</b>			
RED	3	17	62
YELLOW	3	25	4
GREEN	3	15	33
GREEN ARROW	2	12	33
⤴ (WALK)	1	7	19
⤵ (DON'T WALK)	1	7	81
<b>REYNOLDS STREET (EB)</b>			
RED	3	17	69
YELLOW	3	25	4
GREEN	3	15	27
YELLOW ARROW	2	12	4
GREEN ARROW	2	12	27
⤴ (WALK)	1	7	19
⤵ (DON'T WALK)	1	7	81
<b>LADD STREET</b>			
RED	7	17	76
YELLOW	7	25	4
GREEN	7	15	20
YELLOW ARROW	2	12	4
GREEN ARROW	2	12	27
ILLUMINATED SIGN	4	25	5
⤴ (WALK)	2	7	19
⤵ (DON'T WALK)	2	7	81

<b>TRAFFIC SIGNAL CABINET</b>			
ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR UNINTERRUPTABLE	9	1.5	100
POWER SUPPLY (UPS)	1	50	100
<b>HIGHWAY LIGHTING</b>			
ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	4	250	45

NOTE:  
TOPS OF FOUNDATIONS SHALL BE SET AT 2 INCHES ABOVE ADJACENT TOP OF CURB, BUT IN NO CASE SHALL FOUNDATION TOPS BE EXPOSED MORE THAN 4 INCHES ABOVE THE SURROUNDING GROUND.



R10-3b  
9" x 12"  
4 REQUIRED



ILLINOIS STANDARD X10-1100  
18" x 24"  
4 REQUIRED

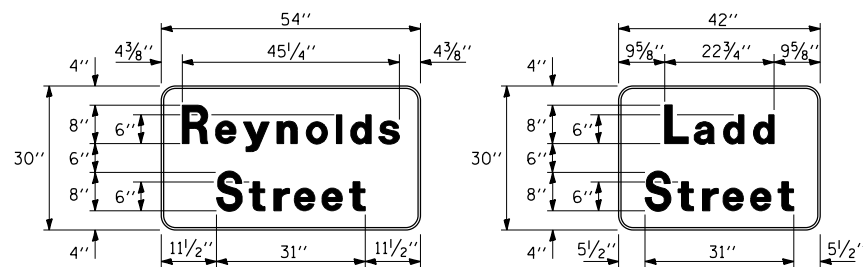
**PED CROSSING SIGN DETAILS**

(R10-3b, X10-1100) LEGEND AND BORDER: NON-REFLECTORIZED BLACK (R10-3b) BACKGROUND: NON-REFLECTORIZED WHITE (X10-1100) BACKGROUND: REFLECTORIZED WHITE AND YELLOW

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS ON R10-3b SIGNS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

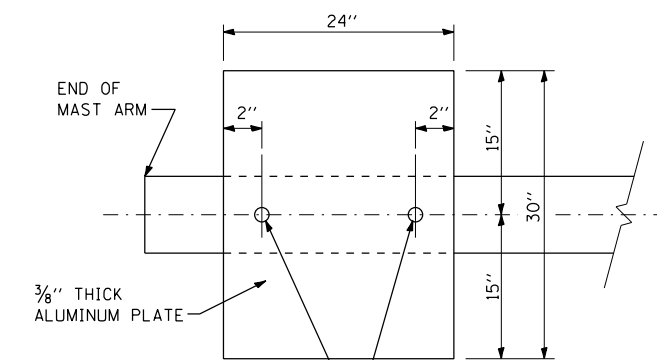


**STREET SIGN DETAIL**

THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

SIGNS ARE QUANTIFIED ON THE SIGNAGE PLANS.

- STREET NAME SIGNS:
1. TYPE ZZ SHEETING REQUIRED
  2. WHITE LETTERS/GREEN BACKGROUND
  3. STYLE (d) - 1/2" BORDER
  4. SERIES D LETTERS - 8" UPPER CASE, 6" LOWER CASE
  5. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN



**DAMPENING PLATE DETAIL (TOP VIEW)**

NOTE:  
DAMPENING DEVICE SHALL CONSIST OF A 24" x 30" TYPE 1, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE IS INCLUDED IN THE MAST ARM PAY ITEM.

**DETECTOR LOOP INDUCTANCE CHART**

LOOP SYSTEM	NUMBER OF TURNS	INDUCTANCE (MH)	FREQUENCY (HERTZ)	J PIN STATUS
SB RT A	4	300	17306	ON
SB TH/LT B	4	300	17306	ON
WB TH/RT C	4	271	16469	ON
WB TH/LT D	4	271	16469	ON
WB FAR RL E	4	335	18305	ON
WB FAR LL F	4	335	18305	ON
NB G	4	294	17160	ON
EB TH/RT H	4	347	18620	ON
EB TH/LT J	4	347	18620	ON

J PIN STATUS:  
"ON" MEANS STANDARD DETECTOR SETUP.  
"OFF" MEANS THE J WIRE HAS BEEN DISCONNECTED BUT INTACT AT THE HARNESS PANEL WITH THE NECESSARY SPADE CONNECTION ATTACHED, MARKED, AND INSULATED.

FILE NAME: c:\neworking\drw\brn\brn\transport\station\dm22566\_0366019-ah1-t-003.dgn



USER NAME: drew.brn	DESIGNED: KMO	REVISED:
PLOT SCALE: 40.0000' / in.	DRAWN: KMO	REVISED:
PLOT DATE: 10/29/2015	CHECKED: MJL	REVISED:
	DATE: 10/29/2015	REVISED:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL AND LIGHTING PLANS  
ELECTRICAL LOAD CHARTS, MAST ARM AND SIGN DETAILS

SCALE: NTS SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	75
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

# SEQUENCE OF OPERATION

MOVEMENT	E/B REYNOLDS STREET LT/TH/RT				W/B REYNOLDS STREET LT/TH/RT				N/B AND S/B LADD STREET LT/TH/RT				FLASH	
	2 + 5				6				4 + 8					
INTERVAL	1	2	3	4	5	6A	6B	6C	6D	7	8	9	10	
CHANGE TO	/	/	6 4 + 8		/	4 + 8, 2 + 5				/	/	2 + 5		
REYNOLDS STREET END MAST ARM AND FAR LEFT SIGNALS	E/B ←G	←G	Y	R	R	R	R	R	R	R	R	R	R	R
REYNOLDS STREET MID MAST ARM SIGNALS	E/B G	G	Y	R	R	R	R	R	R	R	R	R	R	R
REYNOLDS STREET (WEST OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS	W/B R	R	R	R	←G	←G	←G	Y	R	R	R	R	R	R
REYNOLDS STREET (WEST OF TRACKS) MID MAST ARM SIGNALS	W/B R	R	R	R	G	G	G	Y	R	R	R	R	R	R
REYNOLDS STREET (EAST OF TRACKS) ALL SIGNALS	W/B R	R	R	R	G	Y	R	R	R	R	R	R	R	R
LADD STREET ALL SIGNALS	N/B R	R	R	R	R	R	R	R	R	G	G	Y	R	R
LADD STREET END MAST ARM AND FAR LEFT SIGNALS	S/B R	R	R	R	R	R	R	R	R	G	G	Y	R	R
LADD STREET MID MAST ARM AND NEAR RIGHT SIGNALS	S/B →R	→R	→Y	R	R	R	R	R	R	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING REYNOLDS STREET ON WEST SIDE OF LADD STREET	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	D A R K
PEDESTRIAN SIGNALS CROSSING LADD STREET ON SOUTH SIDE OF REYNOLDS STREET	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	

PHASE 2 + 5 SHALL BE PLACED ON RECALL

- = TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- = FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.
- P = ILLUMINATED PERSON = WALK
- FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
- H = ILLUMINATED SOLID HAND = DON'T WALK

FILE NAME = c:\yearchung\draw\brouk\transportation\dm2256\0366019-ah-t-004.dgn



USER NAME = drew.brouk	DESIGNED - GAW	REVISED -
	DRAWN - GAW	REVISED -
PLOT SCALE = 100.0002' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL AND LIGHTING PLANS  
REYNOLDS STREET SEQUENCE OF OPERATION**

SCALE: NTS    SHEET 4 OF 7 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	76
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



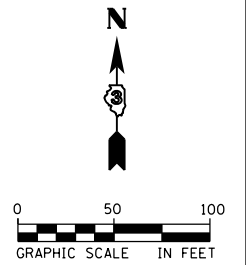
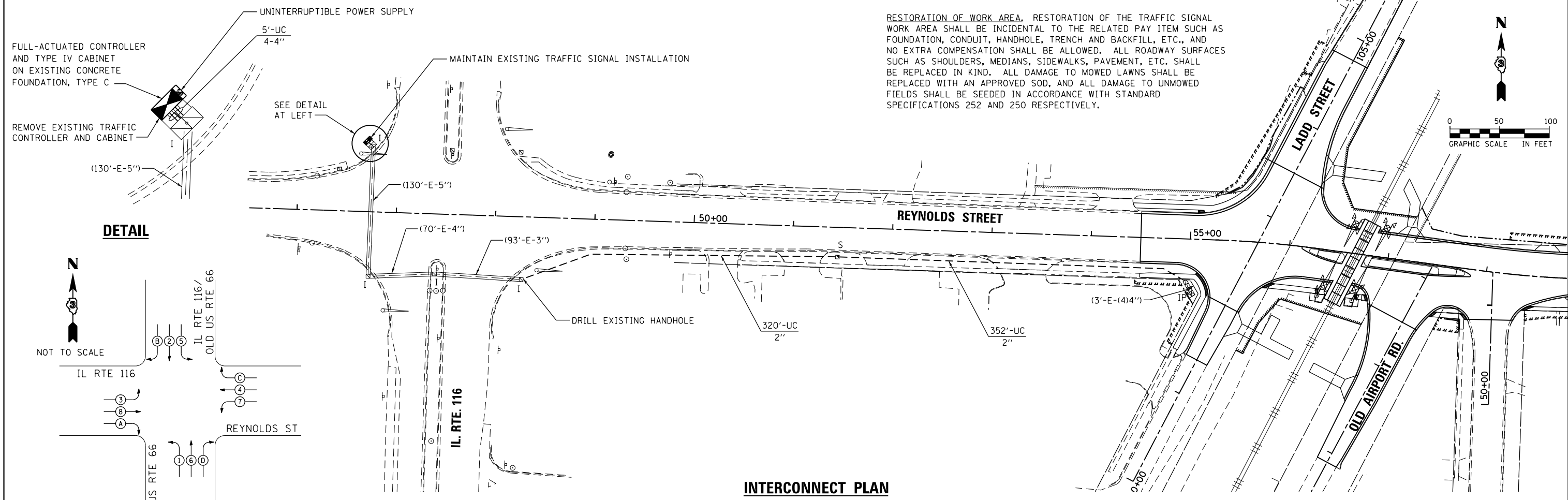
# RAILROAD PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	PREEMPTOR NUMBER 2											
	1		5		7							
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER												
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	2	3	4	5	CLEAR TO NORMAL SEQUENCE	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	1F	2	3	4	5			
REYNOLDS STREET END MAST ARM AND FAR LEFT SIGNALS E/B	Y	R	R	R	R	R	R	R	R	R	← R G	△
REYNOLDS STREET MID MAST ARM SIGNALS E/B	Y	R	R	R	R	R	R	R	R	R		△
REYNOLDS STREET (WEST OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS W/B	R	R	← G G	← G G	R	R	← G G	Y	R	R		△
REYNOLDS STREET (WEST OF TRACKS) MID MAST ARM SIGNALS W/B	R	R	G	G	R	R	G	Y	R	R		△
REYNOLDS STREET (EAST OF TRACKS) ALL SIGNALS W/B	R	R	Y	R	R	R	R	R	R	R		△
LADD STREET ALL SIGNALS N/B	R	R	R	R	Y	R	R	R	R	R		△
LADD STREET END MAST ARM AND FAR LEFT SIGNALS S/B	R	R	R	R	Y	R	R	R	R	R		△
LADD STREET MID MAST ARM AND NEAR RIGHT SIGNALS S/B	R Y →	R	R	R	Y	R	R	R	R	R G →		△
PEDESTRIAN SIGNALS CROSSING REYNOLDS STREET ON WEST SIDE OF LADD STREET	H	H	H	H	FH	H	H	H	H	H		△
PEDESTRIAN SIGNALS CROSSING LADD STREET ON SOUTH SIDE OF REYNOLDS STREET	FH	H	H	H	H	H	H	H	H	H		△
INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT		△

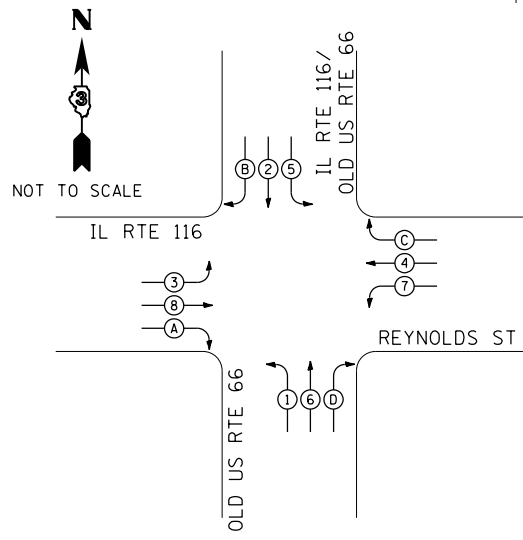
HOLD

P = ILLUMINATED PERSON = WALK  
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK  
 H = ILLUMINATED SOLID HAND = DON'T WALK  
 △ = RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD INTERVAL 5 IS TERMINATED.

FILE NAME = c:\nework\hug\draw\brak\transportation\dm2586\0366019-ah-t-005.dgn



**DETAIL**



**PHASE DESIGNATION DIAGRAM**

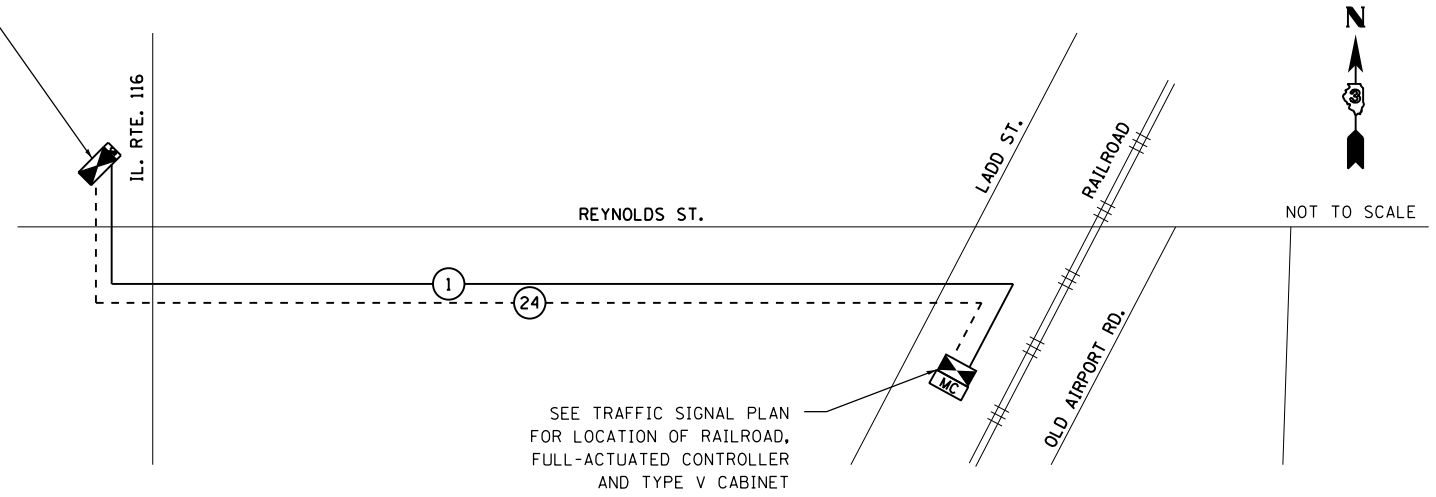
**INTERCONNECT PLAN**

**SUMMARY OF QUANTITIES (INTERCONNECT WORK)**

ITEM	UNIT	TOTAL
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	672
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1,028
DRILL EXISTING HANDHOLE	EACH	1
MASTER CONTROLLER	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1,028
REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	10

**LEGEND**

- MC MASTER CONTROLLER
- CONTROLLER CABINET
- UPS UNINTERRUPTIBLE POWER SUPPLY
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊕ DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
- ① TRACER CABLE, NO. 14 1C
- ② FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE



**INTERCONNECT SCHEMATIC**



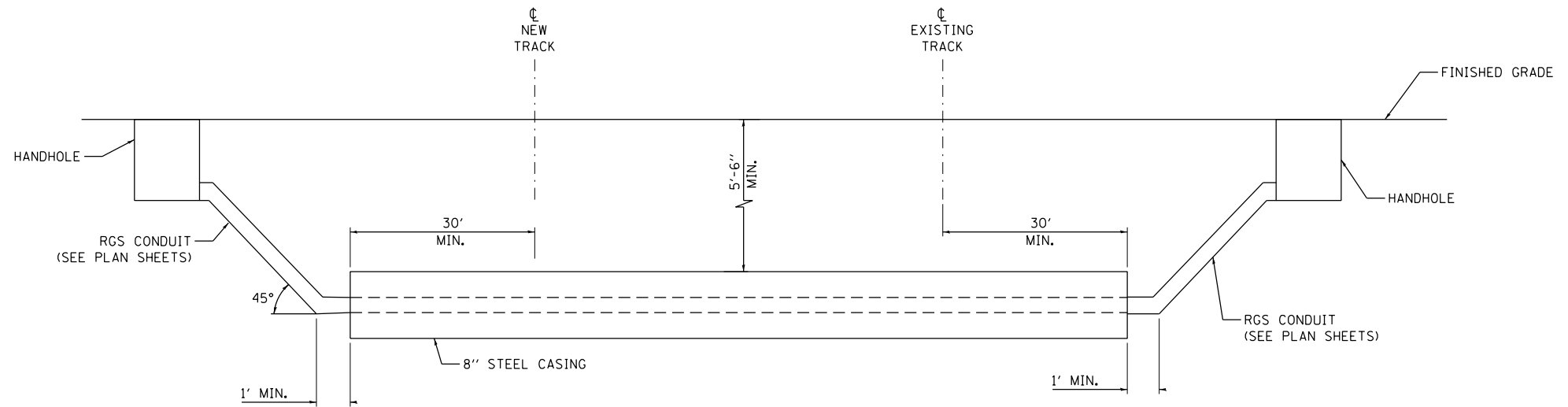
USER NAME = drew.brouk	DESIGNED - MRF/KMO	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - MRF/KMO	REVISED -
PLOT DATE = 10/29/2015	CHECKED - MJL	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL AND LIGHTING PLANS  
TRAFFIC SIGNAL INTERCONNECT PLANS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	78
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. ALL HORIZONTAL DISTANCES TO BE MEASURED AT RIGHT ANGLES FROM THE CENTERLINE OF TRACK.
2. A RAILROAD SIGNAL REPRESENTATIVE MUST BE PRESENT DURING INSTALLATION IF RAILROAD SIGNALS ARE IN THE VICINITY OF THE CROSSING.

FILE NAME = c:\ywork\hunting\draw\br\br\transportation\mst\mst\2586\0366019\h.t.t.007-detail-conduit-under-rr.dgn



USER NAME = drew.brout	DESIGNED - KMO	REVISED -
	DRAWN - KMO	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - MJL	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

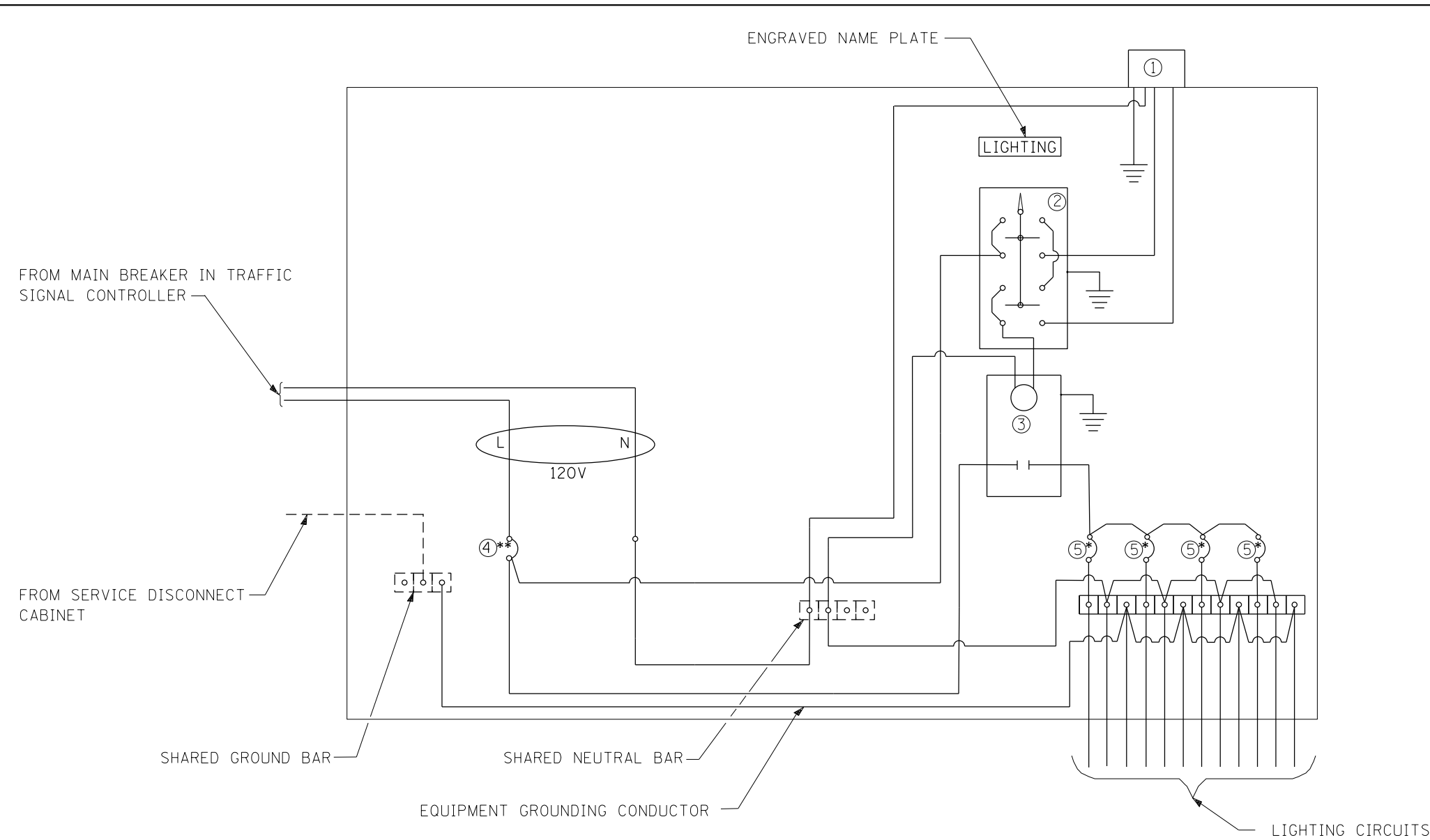
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONDUIT INSTALLATION UNDER RAILROAD TRACKS DETAIL**

SCALE: NTS    SHEET 7 OF 7 SHEETS    STA.                    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	79
CONTRACT NO. 66D19				

ILLINOIS FED. AID PROJECT



- LEGEND**
- ⊥ Ground connected to shared ground bar.
  - Indicates shared with traffic signal controller equipment.
  - ① Photocell with integral surge arrester.
  - ② HAND-OFF-AUTO selector switch.
  - ③ 30 amp, 1 pole electrically held contactor.
  - ④ 20 amp, 1 pole, circuit breaker
  - ⑤ 15 amp, 1 pole, branch breaker
  - \* Quantity of branch breakers shall depend on the combination lighting circuit diagram or as directed by the engineer.
  - \*\* Size larger as needed.

**COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM**

**GENERAL NOTES**

All control installation components shall be U.L. listed.

All wiring shall be neatly dressed, identified by tags, and supported.

The circuit breaker shall be clearly labeled for lighting according to Article 1068.01(f) of the Standard Specifications.

Install under eave photocell on traffic signal controller cabinet per Article 1068.01(e)(2) of the Standard Specifications.

All lighting equipmt shall be installed on a side mounted insulated subpanel per Article 1068.01(e)(9) of the Standard Specifications on the lower right hand side of the traffic signal controller or as directed by the engineer.

Provide an engraved stainless steel nameplate on the sub panel reading "LIGHTING".

FILE NAME = c:\yearchung\matthew.libera\transportation\dmz29586\dmz29586\light-ts-comb-lighting-controller.dgn



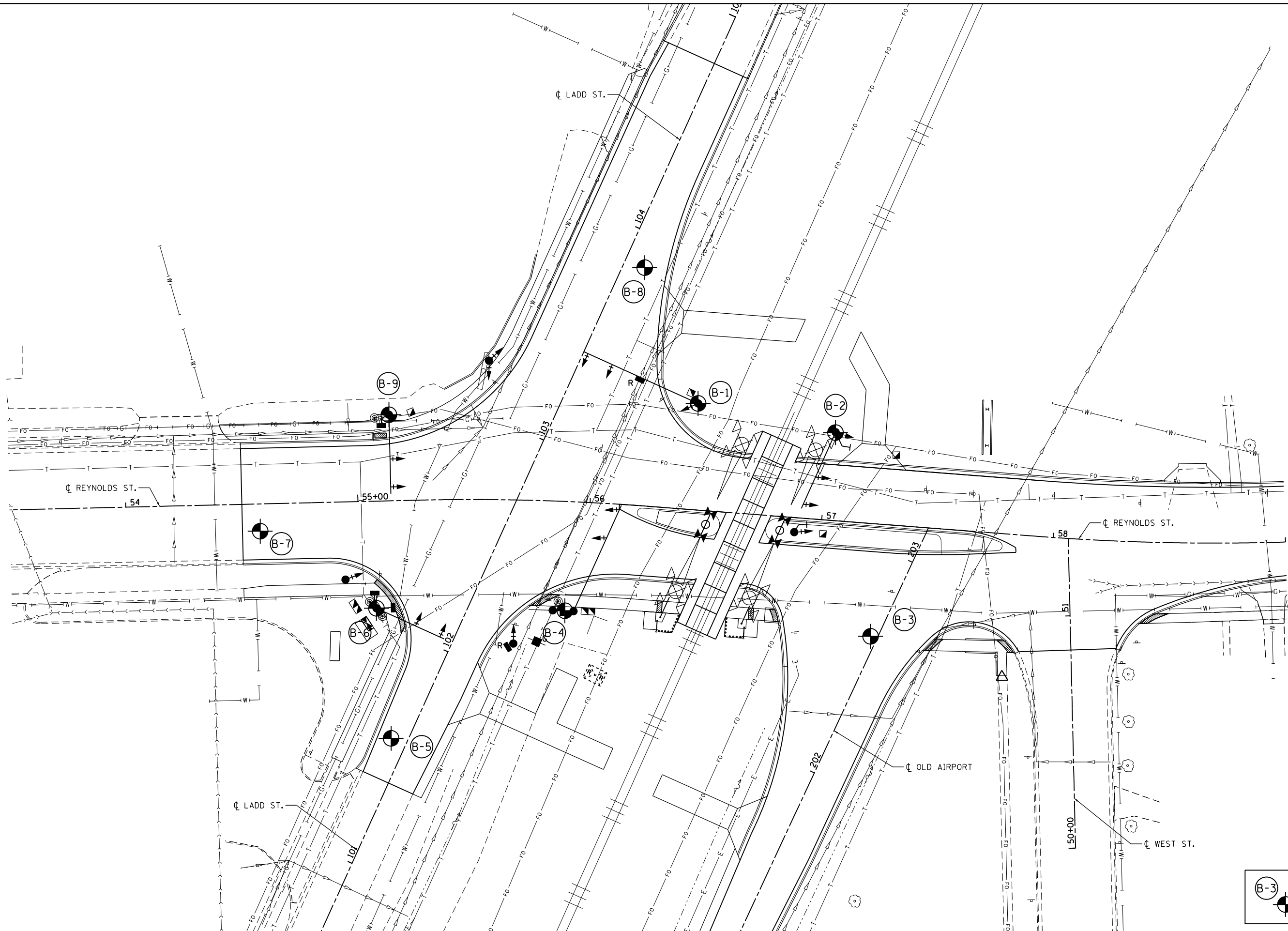
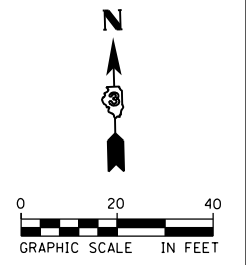
USER NAME = matthew.libera	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 11/3/2015	DATE - 10/29/2015	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMBINATION LIGHTING CONTROLLER DETAIL**

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	79A
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**B-3**  DENOTES SOIL BORING LOCATION

FILE NAME = c:\neworking\drw\brn\transportation\2586\2586\_0366019-akt-soil.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING DETAILS  
BORING LOCATIONS**

SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	80
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				







# SOIL BORING LOG

Date 4/3/14

ROUTE F.A.U. 6312 DESCRIPTION Reynolds St. Intersection Improvements for HSR LOGGED BY JJR  
 SECTION D3 HSRR 2014-002 LOCATION Pavement Area, SEC. 27, TWP. 28N, RNG. 5E, Latitude 40.873450, Longitude 88.641163  
 COUNTY Livingston DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	DEPTH	DESCRIPTION	UCS	MOISTURE	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
NA	NA	(ft)	(/6")	(tsf)	(%)	NA ft	NA ft	ft	ft	ft	ft
		646.00	12 inches asphalt and concrete								
			Stiff Black, Moist CLAY, trace organics								
		642.50	Very Stiff Brown and Gray SILTY CLAY, trace gravel (CL-ML)								
		638.00	Very Stiff Gray, Moist SILTY CLAY LOAM (ML-CL)								
		637.00	End of Boring								

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

BBS, form 137 (Rev. 8-99)



# SOIL BORING LOG

Date 4/3/14

ROUTE F.A.U. 6312 DESCRIPTION Reynolds St. Intersection Improvements for HSR LOGGED BY JJR  
 SECTION D3 HSRR 2014-002 LOCATION Mast Arm F, SEC. 27, TWP. 28N, RNG. 5E, Latitude 40.873559, Longitude 88.641196  
 COUNTY Livingston DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	DEPTH	DESCRIPTION	UCS	MOISTURE	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
NA	NA	(ft)	(/6")	(tsf)	(%)	NA ft	NA ft	ft	ft	ft	ft
		641.34	6 inches of topsoil								
			Brown and Gray, moist FILL: SAND, trace organics, slag/asphalt millings								
		637.84	Very Stiff to Hard Gray, Moist SILT, trace gravel (ML) (continued)								
		635.34	Loose Gray, Moist SAND, some gravel (SP)								
		632.84	Loose Brown, Moist SANDY LOAM (SM)								
		627.84	Very Stiff Gray, Moist SILTY CLAY, trace gravel (CL-ML)								
		624.84	Very Stiff to Hard Gray, Moist SILT, trace gravel (ML)								

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

BBS, form 137 (Rev. 8-99)

FILE NAME: c:\neworking\dr\rev\_brouk\transportat\mst\dm2256\0366019-ah-t-b-log.dgn

<b>AECOM</b>	USER NAME = drew.brouk	DESIGNED - MTL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING DETAILS BORING LOGS		F.A.U. RTE. = 6312	SECTION = D3 HSRR 2014-002	COUNTY = LIVINGSTON	TOTAL SHEETS = 124	SHEET NO. = 83
	PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -				SCALE: NONE	SHEET 4 OF 6 SHEETS	STA. TO STA.	CONTRACT NO. 66D19	
	PLOT DATE = 10/29/2015	DATE = 10/29/2015	REVISED -				ILLINOIS FED. AID PROJECT				





# SOIL BORING LOG

ROUTE F.A.U. 6312 DESCRIPTION Reynolds St. Intersection Improvements for HSR LOGGED BY JJR

SECTION D3 HSRR 2014-002 LOCATION Pavement Area, SEC. 27, TWP. 28N, RNG. 5E,  
Latitude 40.873638, Longitude 88.641374

COUNTY Livingston DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	STATION	DEPTH (ft)	BLOW COUNT (/6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	DESCRIPTION	SURFACE WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	FIRST ENCOUNTER (ft)	UPON COMPLETION (ft)	AFTER (NA Hrs.) (ft)
NA	NA	645.13				10.5 inches of asphalt and concrete	NA	NA				
		644.50	1			Brown and Gray, Moist FILL: SAND, and gravel						
			3			Loose Black, Moist SAND, trace organics (SP)						
		642.00	2			Loose Brown and Gray, Moist SANDY LOAM (SM)			642.0	642.0	None	None
			3									
			2									
		640.00	4			Very Stiff Brown and Gray SILTY CLAY, trace gravel (CL-ML) @ 6.5' encountered cobbles						
			10	2.0								
			11	P								
		637.00	7			Very Stiff Gray, Moist SILTY CLAY LOAM (ML-CL)						
		636.00	11	4.0								
			6	P								
						End of Boring						

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

BBS, form 137 (Rev. 8-99)



# SOIL BORING LOG

ROUTE F.A.U. 6312 DESCRIPTION Reynolds St. Intersection Improvements for HSR LOGGED BY JJR

SECTION D3 HSRR 2014-002 LOCATION Pavement Area, SEC. 22, TWP. 28N, RNG. 5E,  
Latitude 40.874069, Longitude 88.640703

COUNTY Livingston DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	STATION	DEPTH (ft)	BLOW COUNT (/6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	DESCRIPTION	SURFACE WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	FIRST ENCOUNTER (ft)	UPON COMPLETION (ft)	AFTER (NA Hrs.) (ft)
NA	NA					16 inches of asphalt	NA	NA				
		642.67	3			Black, Moist FILL: SANDY LOAM, trace slag/asphalt millings						
			3	3.0								
			6	P								
			3									
			4	3.0								
		639.00	4	P		Medium Dense Brown and Gray, Moist SANDY LOAM, trace gravel (SM)						
			8									
		637.00	6			Hard Gray, Moist SILTY CLAY, trace gravel (CL-ML)						
			7									
			6									
			7	6.3								
		634.00	10	B		End of Boring						

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

BBS, form 137 (Rev. 8-99)

FILE NAME = c:\neworking\dr\res\_brouk\transportat\mus\dm\2386\0366019-ah-t-blo.dgn



USER NAME = drev_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING DETAILS BORING LOGS

SCALE: NONE SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	84
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	



# SOIL BORING LOG

Date 4/3/14

ROUTE F.A.U. 6312 DESCRIPTION Reynolds St. Intersection Improvements for HSR LOGGED BY JJR

SECTION D3 HSRR 2014-002 LOCATION Mast Arm H, SEC. 22, TWP. 28N, RNG. 5E,

Latitude 40.873832, Longitude 88.641118

COUNTY Livingston DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA  
 Station NA  
 BORING NO. B-9  
 Station 55+14.23  
 Offset 38.0 ft LT  
 Ground Surface Elev. 641.09 ft

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)	DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	M (%)
0	3 inches of asphalt			0	Hard Gray, Moist SILTY CLAY, trace gravel (CL-ML) (continued)		
5	Loose Brown and Black, Moist SAND, trace clay			10	Hard Gray and Brown, Moist SILT (ML)		
3				17		6.0	
3				20			
637.09				25			
2	Stiff to Very Stiff Brown and Gray, Moist SILTY CLAY, trace gravel (CL-ML)	1.8		35		7.0	
4				50/5"			
2							
2		3.5					
5			B				
2							
3		2.5					
5			B	611.09	End of Boring	8.0	
-10				50/3"			
629.59							
4	Very Stiff Gray, Moist SILTY CLAY LOAM (ML-CL)	2.0					
4			P				
6							
6		3.0					
8			P				
-15							
14							
8		3.0					
6			P				
622.09							
9							
8		6.0					
12			P				
-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
 BBS, form 137 (Rev. 8-99)

FILE NAME: c:\yearchung\drw\brnk\transportation\ms2286\0366019-ah-t-b-log.dgn



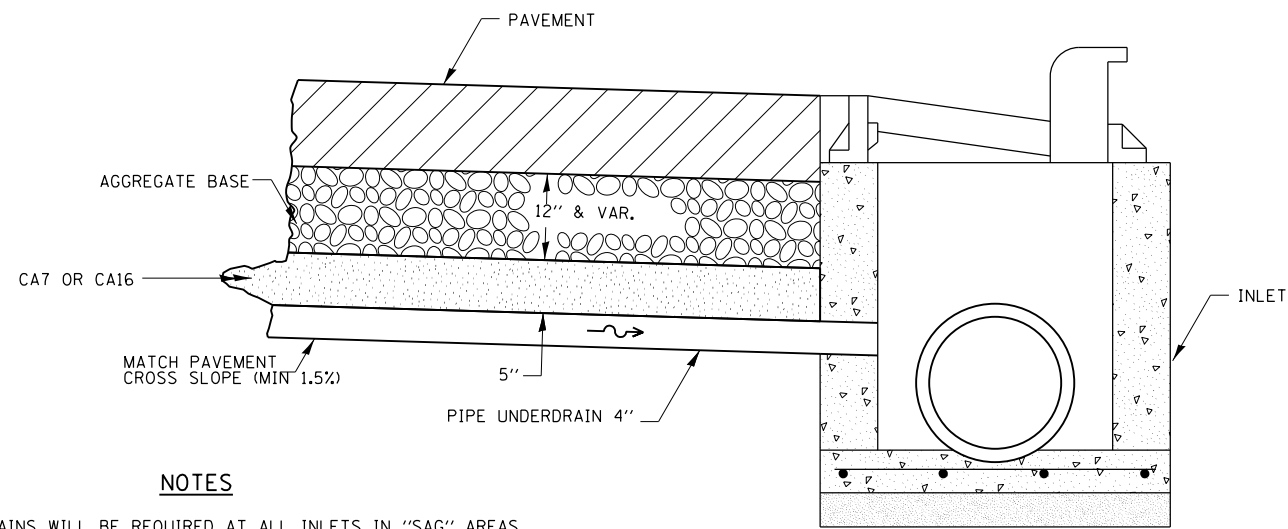
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISIONS -	
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISIONS -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: NONE		SHEET 6 OF 6 SHEETS		STA. TO STA.	
-------------	--	---------------------	--	--------------	--

SOIL BORING DETAILS  
 BORING LOGS

F.A.U. RTE. 6312	SECTION D3 HSRR 2014-002	COUNTY LIVINGSTON	TOTAL SHEETS 124	SHEET NO. 85
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				



**NOTES**

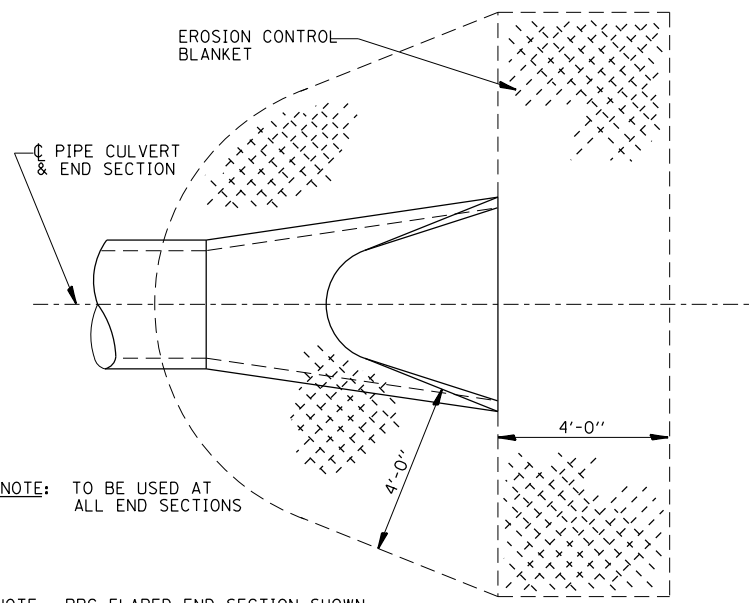
DRAINS WILL BE REQUIRED AT ALL INLETS IN "SAG" AREAS AND AS INDICATED IN THE PLANS.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

**601-4**

**DRAIN FOR AGGREGATE BASES IN URBAN AREAS**

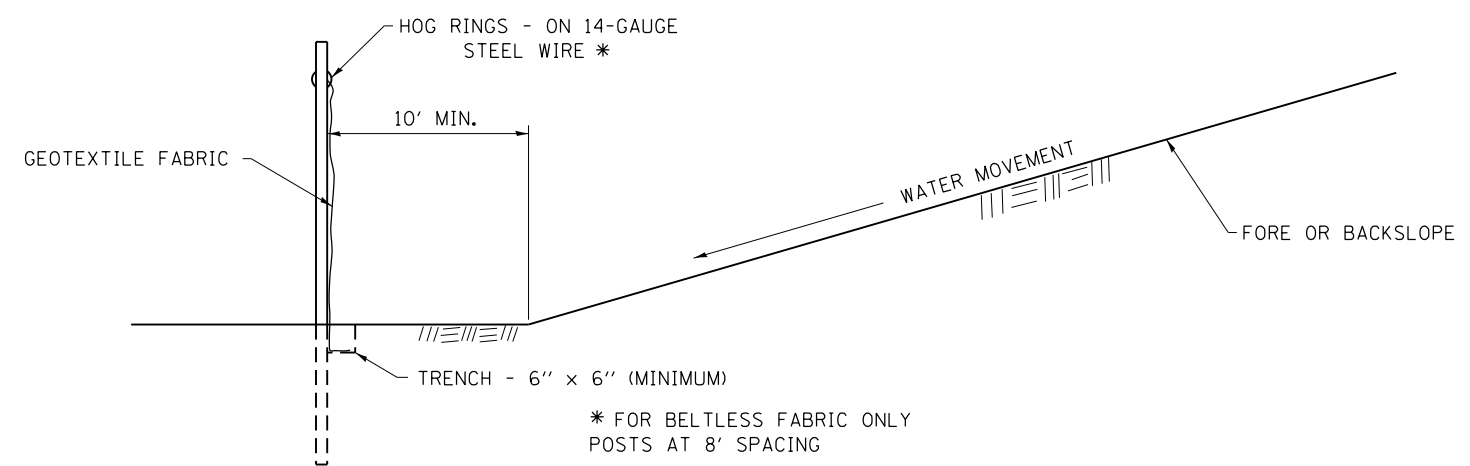
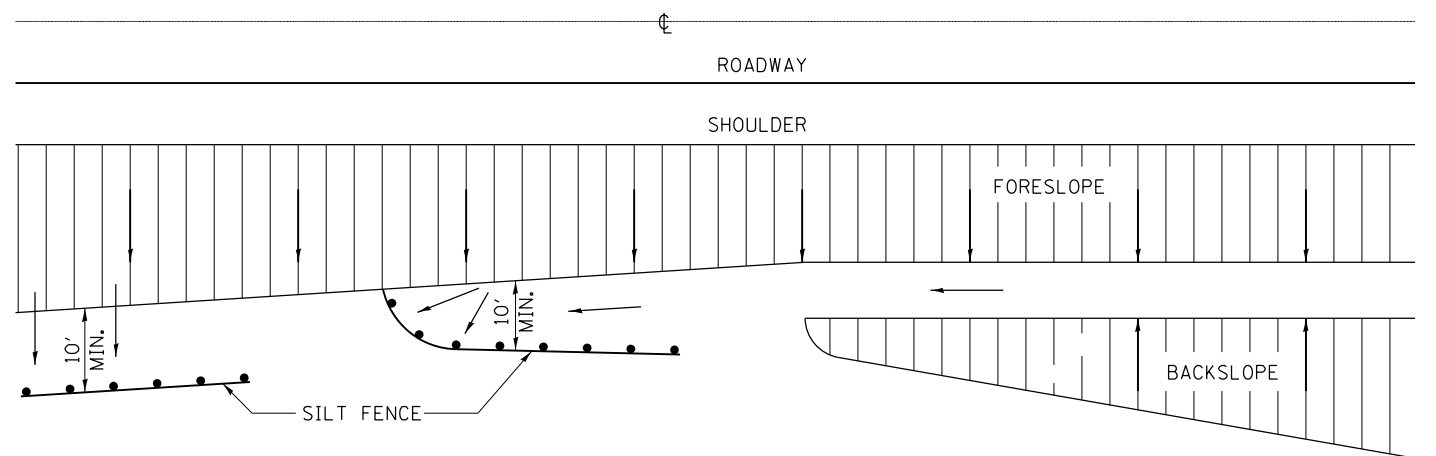


NOTE: TO BE USED AT ALL END SECTIONS

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

**DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION**

**251-2**



**DETAILS OF SILT FENCE**

**EROSION CONTROL DETAILS FOR SILT FENCE**

**280-1**

FILE NAME: c:\yearchung\drw\erw\_brouk\transportation\dm2586\2586\_0366019-akt-detailed.dgn



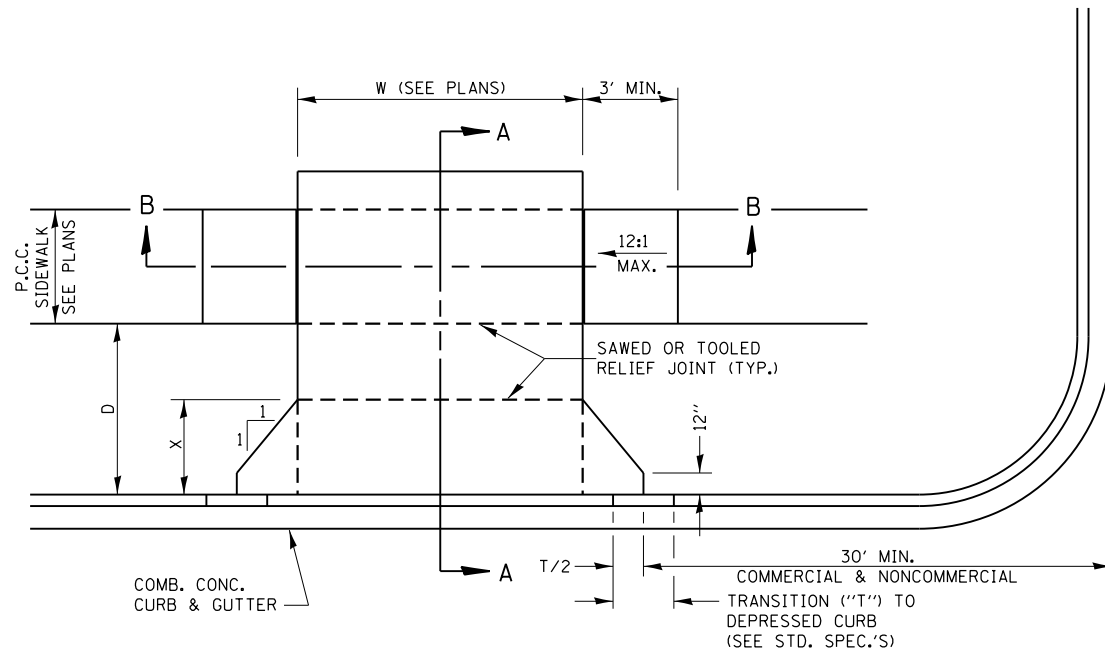
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

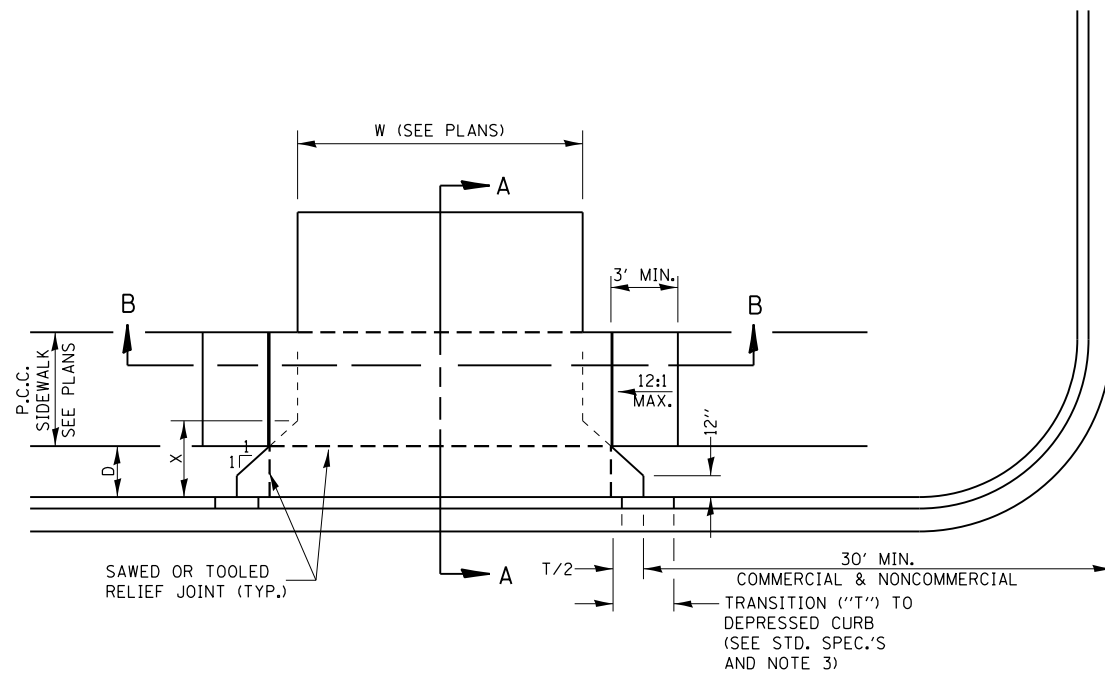
DISTRICT 3 DETAILS

SCALE: NTS SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	86
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



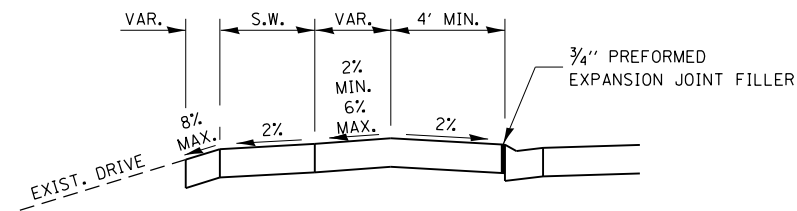
CASE I (D ≥ X)



CASE I (D < X)

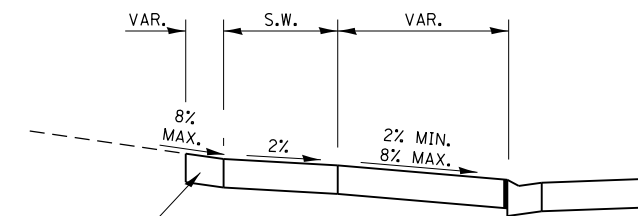
GENERAL NOTES:

- X = 7' (NON-COMMERCIAL) X = 15' (COMMERCIAL)
- COST OF EXPANSION JOINTS AND RELIEF JOINTS SHALL BE INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT.
- AS THE DIMENSION "D" APPROACHES ZERO, THE TRANSITION TO DEPRESSED CURB SHALL BE NO STEEPER THAN 12:1



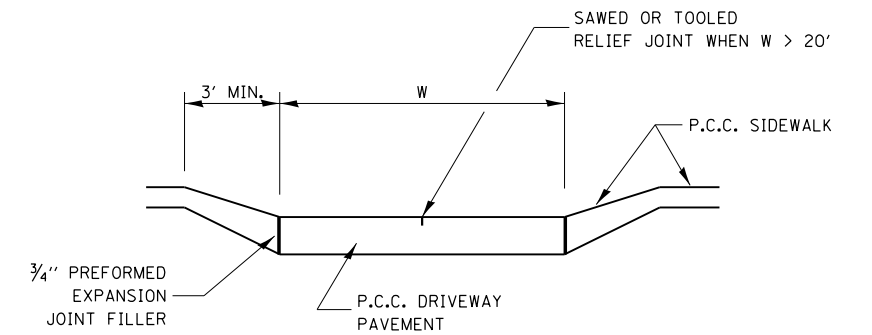
**DEPRESSED ENTRANCE \***  
**SECTION A-A**

\*(SEE X-SECTIONS FOR ENTRANCE PROFILE.)



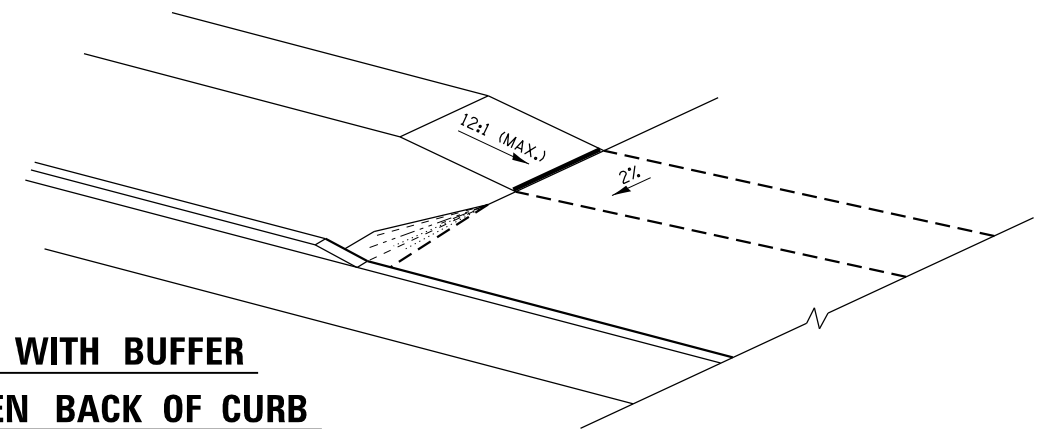
**ELEVATED ENTRANCE \***  
**SECTION A-A**

PAVEMENT STRUCTURE  
CONCRETE DRIVEWAY  
8" PCC  
HMA DRIVEWAY  
2" HMA SURFACE COURSE, MIX "D", N70  
8" HMA BINDER COURSE, IL-19.0 FG, N70

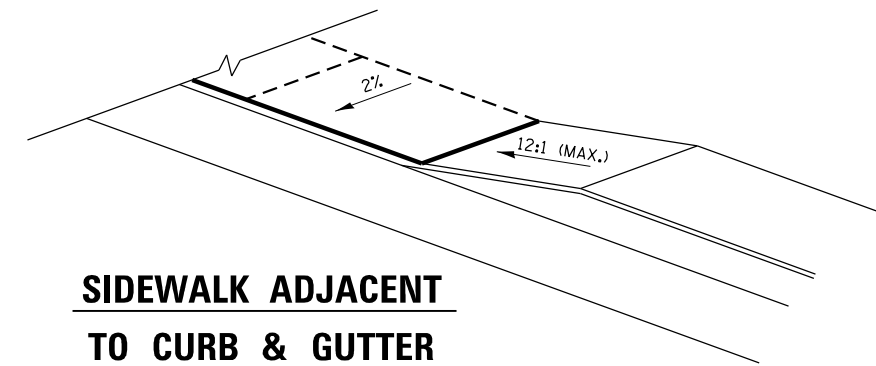


**SECTION B-B**

**SIDEWALK WITH BUFFER**  
**AREA BETWEEN BACK OF CURB**



**SIDEWALK ADJACENT**  
**TO CURB & GUTTER**



FILE NAME = c:\yearchung\drw\brb\transportation\mst\mst2586\0366019-akt-ds-01.dwg



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 3 DETAILS

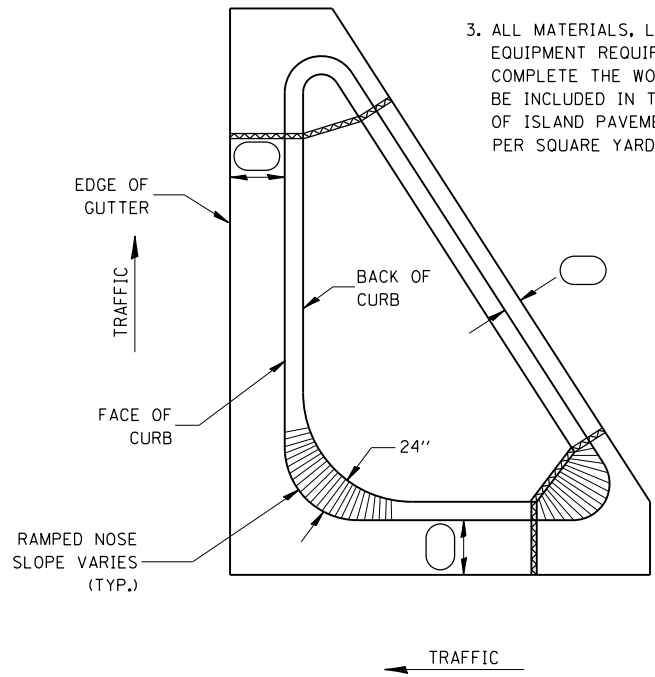
SCALE: NTS SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	87
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

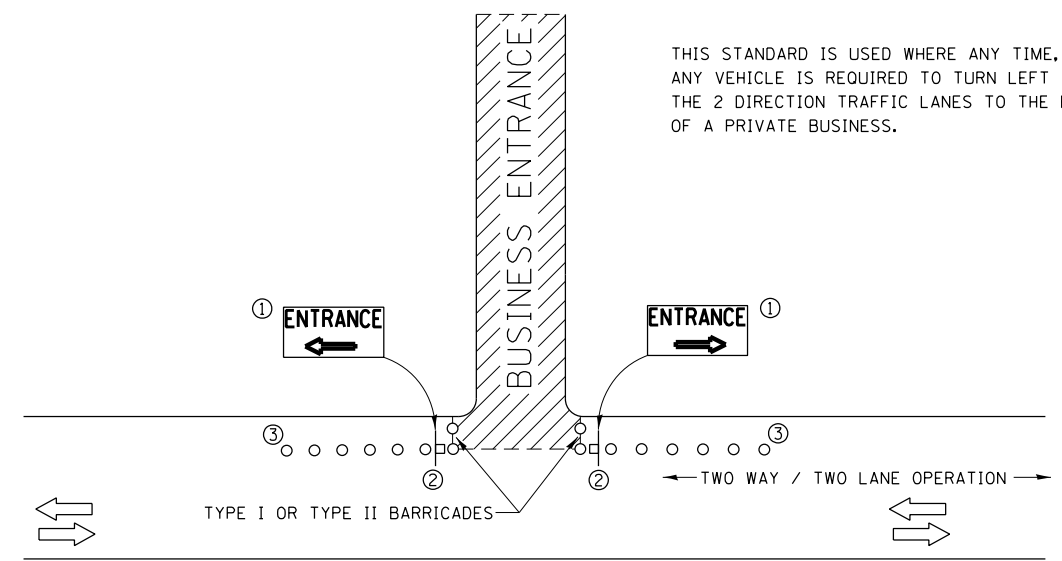


**DESIGNER NOTES:**  
 1. INCLUDE STD. 606001 AND 606301.  
 2. ALL CURB SHALL BE "M" - TYPE MOUNTABLE CURB. SPECIFY GUTTER WIDTHS.

**GENERAL NOTES:**  
 1. THE CURB AND GUTTER CONFIGURATION SHALL BE M-----  
 2. SEE STD. 606001 & AND 606301 FOR ADDITIONAL DETAILS.  
 3. ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE COST OF ISLAND PAVEMENT (SPECIAL) PER SQUARE YARD.



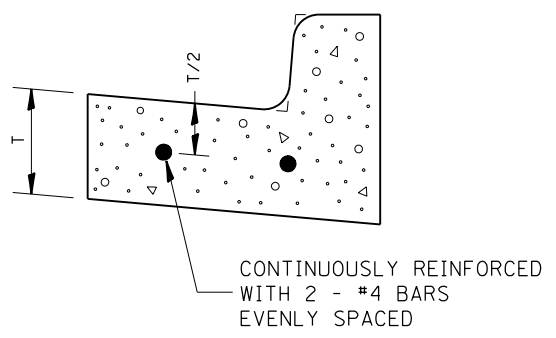
**606-1**



THIS STANDARD IS USED WHERE ANY TIME, DAY OR NIGHT, ANY VEHICLE IS REQUIRED TO TURN LEFT OR RIGHT FROM THE 2 DIRECTION TRAFFIC LANES TO THE ENTRANCE ZONE OF A PRIVATE BUSINESS.

**SYMBOLS**

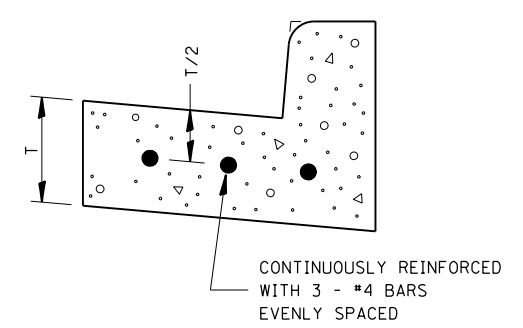
- BUSINESS ENTRANCE ZONE
- BARRICADE OR DRUM WITH FLASHING LIGHT
- SIGN ON TEMPORARY SUPPORT
- ① REFER TO BUSINESS ENTRANCE SIGN TABLE FOR DIMENSIONS.
- ② SEE "SIGNS ON TEMPORARY SUPPORTS" DETAIL.
- ③ DRUMS



REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18**

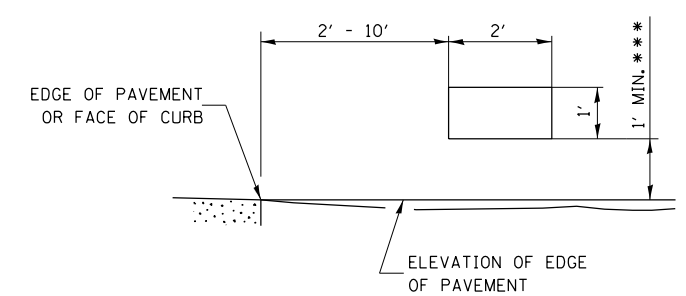
**606-5**



REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

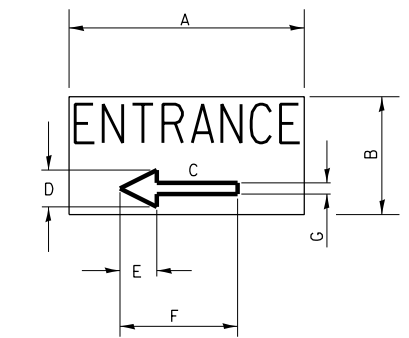
**REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24**

**606-7**



**SIGNS ON TEMPORARY SUPPORTS**

\*\*\* WHEN WORK OPERATIONS EXCEED FOUR DAYS, THIS DIMENSION SHALL BE 5' MIN. IF LOCATED BEHIND OTHE DEVICES, THE HEIGHT SHALL BE SUFFICIENT TO BE SEEN BY MOTORISTS.



**BUSINESS ENTRANCE SIGN**

4" BLUE LETTERING NON-REFLECTIVE WITH WHITE REFLECTIVE BACKGROUND

SIGN SIZE	DIMENSIONS						
	A	B	C	D	E	F	G
24 X 12	24	12	8.25	4.75	3.75	12	2.25

SIGNS FOR BUSINESSES ABUTTING THE WORK ZONE, DELINEATING THE WAY THROUGH THE BARRICADES TO RESPECTIVE ENTRANCES.

**BUSINESS ABUTTING WORK ZONE ENTRANCE SIGN**

**701-9**

FILE NAME: c:\ywork\hking\drw\br\br\transportation\mst\dm22565\_0366019-ah1-dt-01.dwg



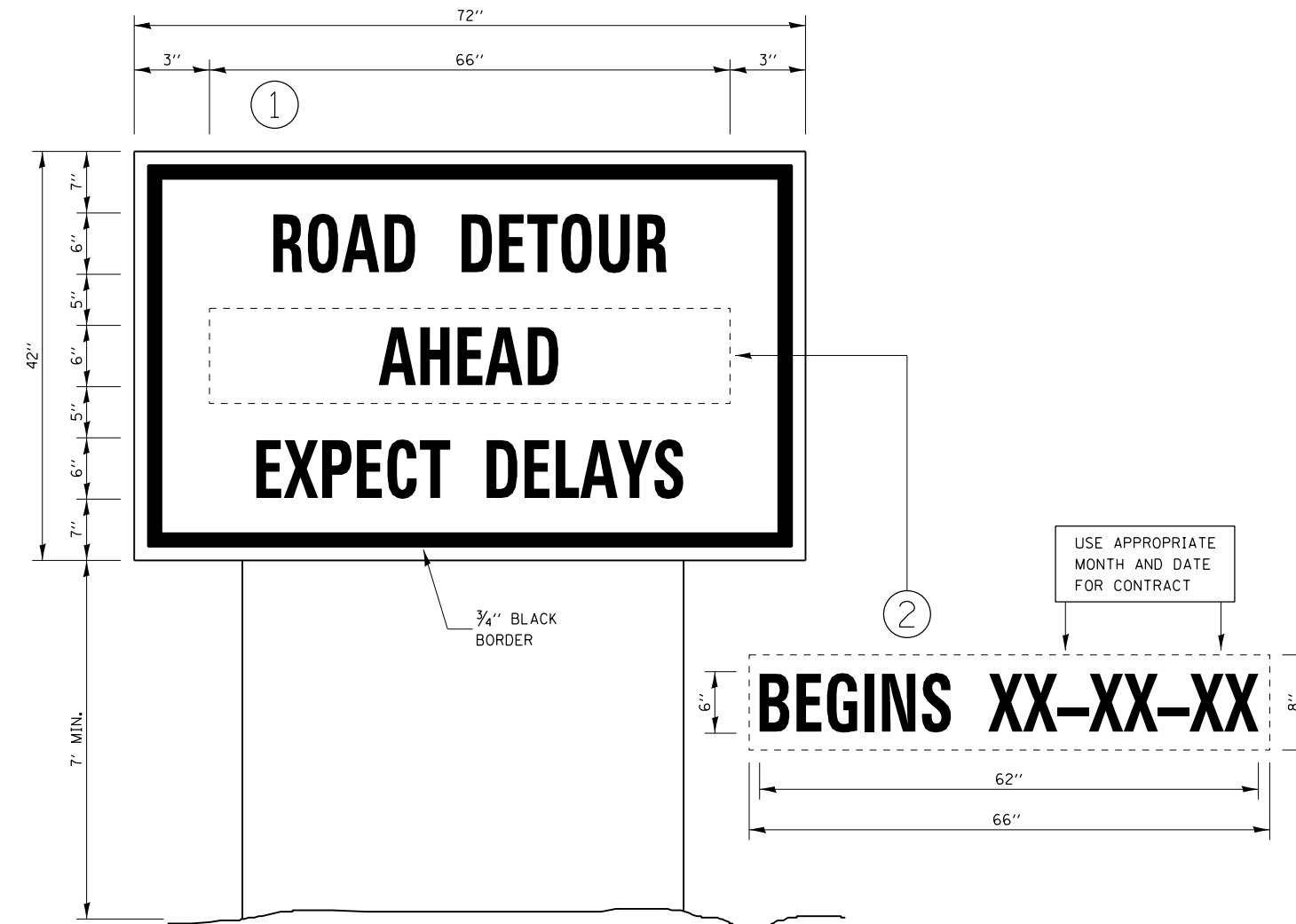
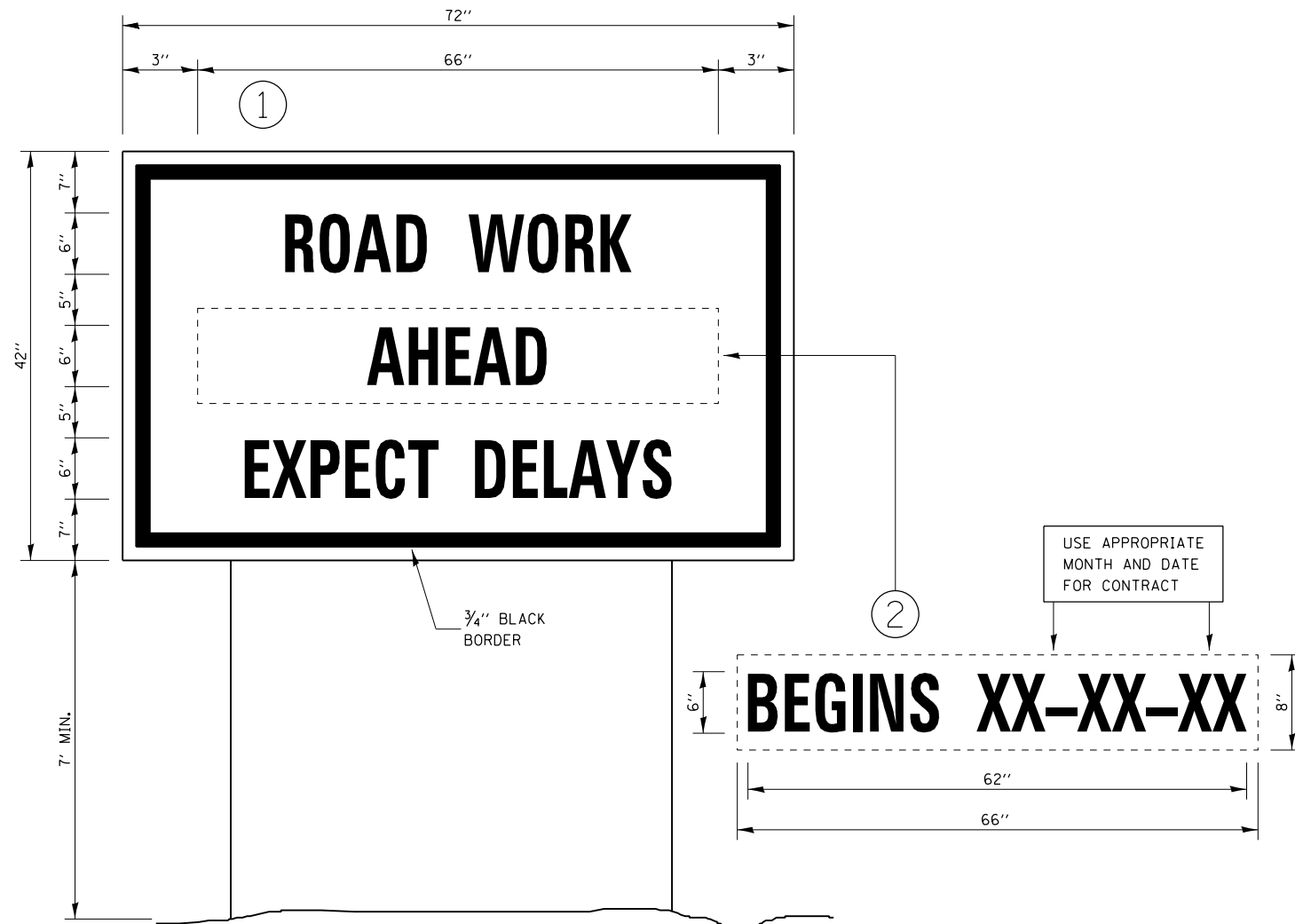
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
DRAWN - DAB	REVISED -	
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT 3 DETAILS**

SCALE: NTS SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	89
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**TEMPORARY INFORMATION SIGNING**

**TEMPORARY INFORMATION SIGNING**

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE DETOUR.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

720-8

720-9

FILE NAME: c:\yearworking\drw\brw\brw\transportation\dm22586\0366019-akt-detailed.dgn



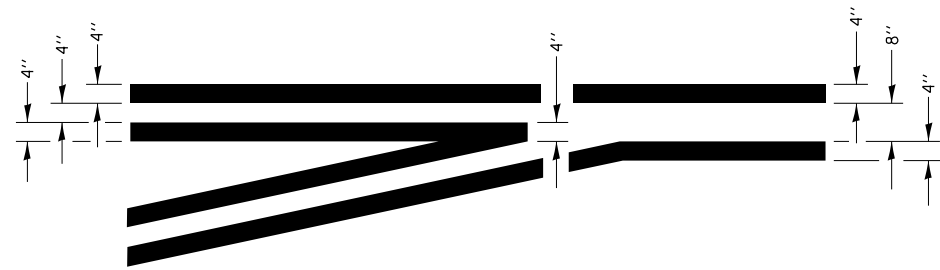
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

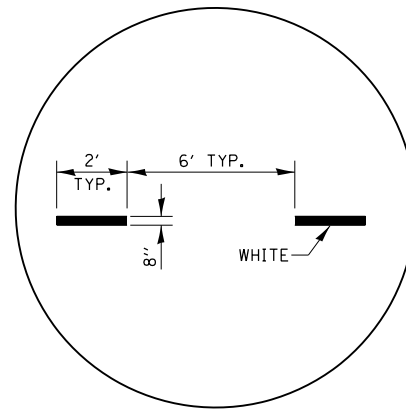
DISTRICT 3 DETAILS

SCALE: NTS SHEET 5 OF 8 SHEETS STA. TO STA.

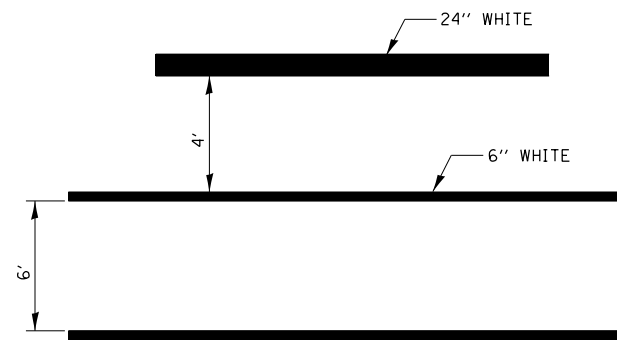
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	90
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



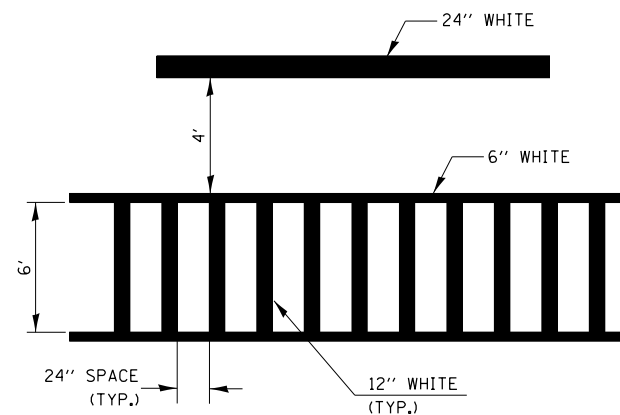
**TYPICAL APPLICATION  
LEFT TURN LANES** 780-1



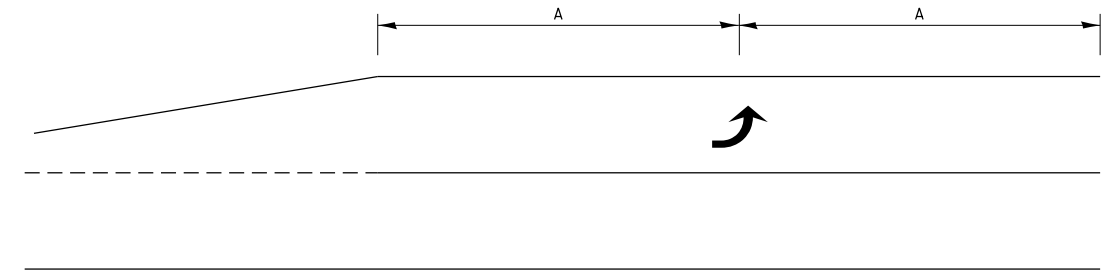
**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES** 780-5



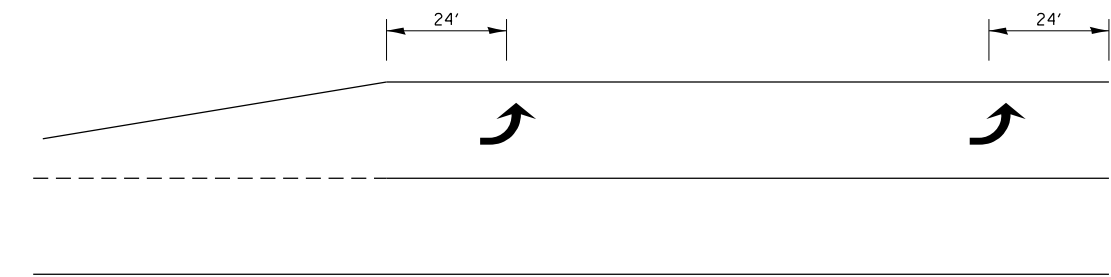
**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**  
780-3  
OPTION 1



**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**  
780-3  
OPTION 2



**99' AND UNDER**



**100' TO 149'**



**150' AND LONGER**

**TYPICAL PLACEMENT OF ARROWS  
IN TURN LANES**

780-10

FILE NAME = c:\yearchung\draw\brook\transportation\dm2586\0366019-akt-detailed.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

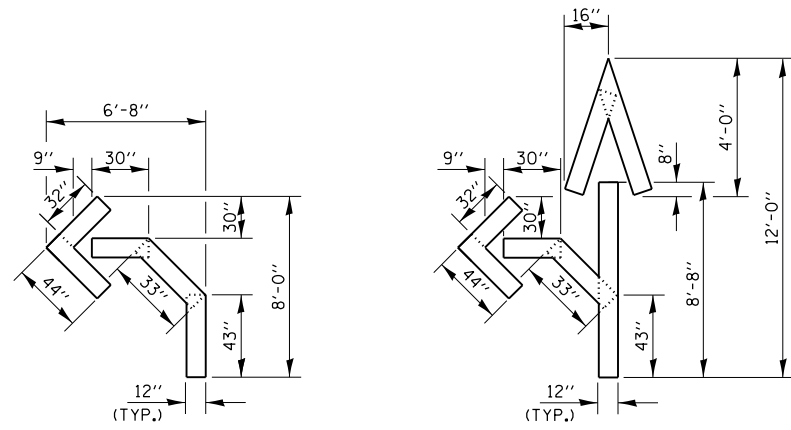
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 3 DETAILS

SCALE: NTS SHEET 6 OF 8 SHEETS STA. TO STA.

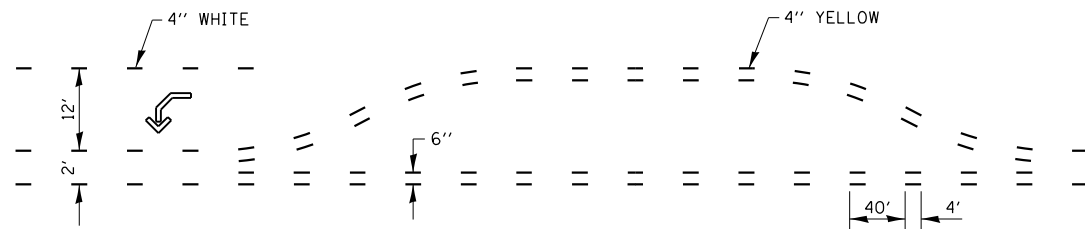
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	91
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				





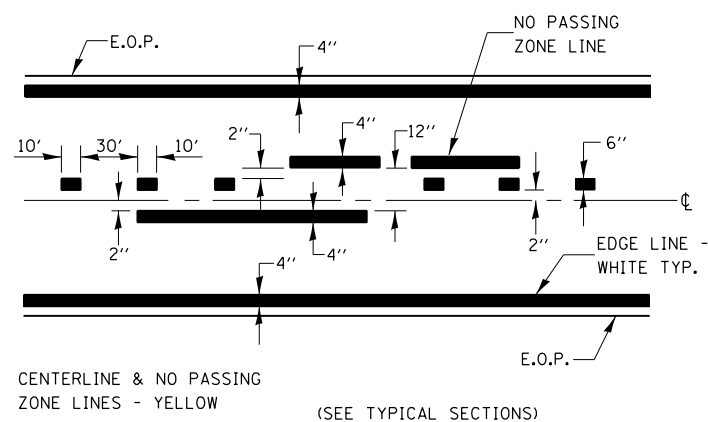
QUANTITY  
12" LINE = 16 LIN. FT.  
OR 4" LINE = 48 LIN. FT.

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



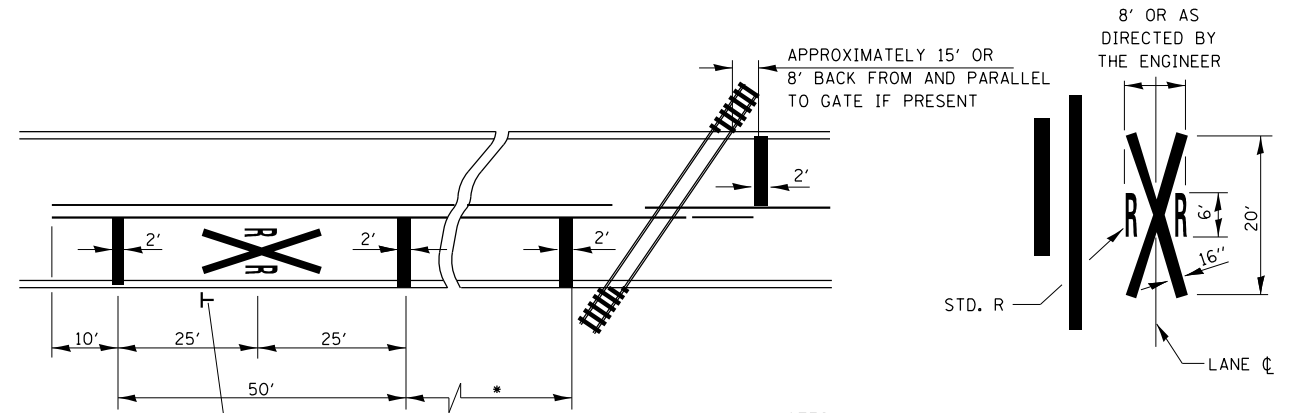
**SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS**

703-1



**PAVEMENT MARKING**

780-8

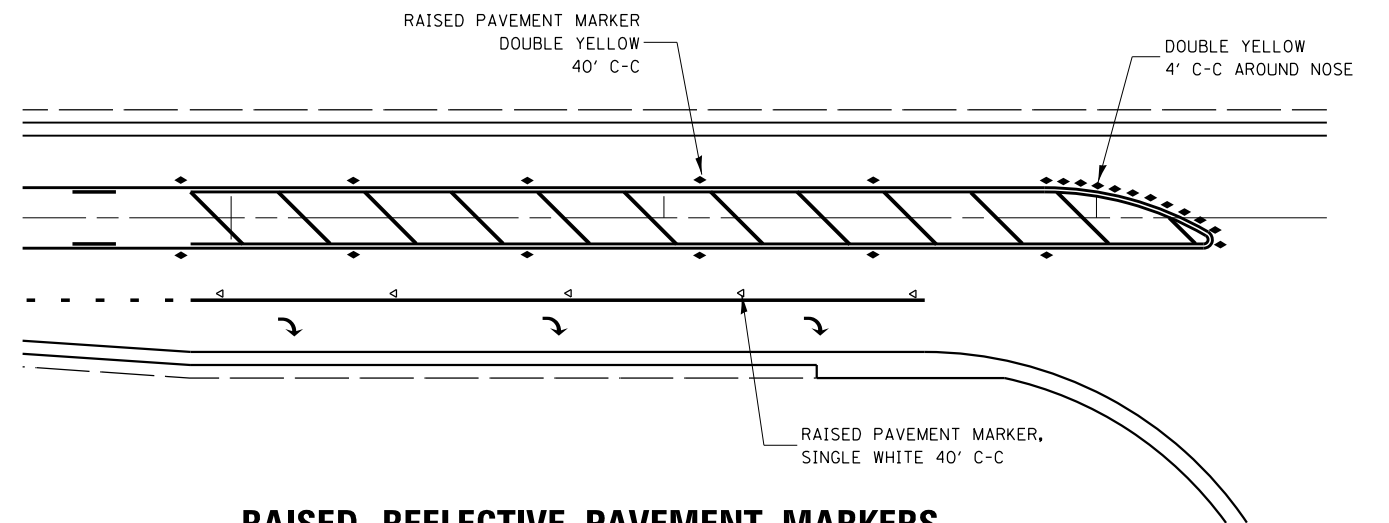


MINIMUM DISTANCE  
400' FOR 55 MPH  
250' FOR 45 MPH  
100' FOR 35 MPH OR LESS

**PAVEMENT MARKINGS AT  
RAILROAD-HIGHWAY GRADE CROSSING**

NOTES:  
THE TRANSVERSE SPREAD OF THE "X"  
MAY VARY ACCORDING TO LANE WIDTH.  
ON MULTI-LANE ROADS, THE STOP LINES  
SHALL EXTEND ACROSS ALL APPROACH  
LANES AND SEPARATE RXR SYMBOLS SHALL  
BE PLACED ADJACENT TO EACH OTHER  
IN EACH LANE.  
WHEN THE PAVEMENT MARKING SYMBOL  
IS USED, A PORTION OF THE SYMBOL  
SHOULD BE LOCATED DIRECTLY ADJACENT  
TO THE ADVANCE WARNING SIGN (W10-1).

780-15



**RAISED REFLECTIVE PAVEMENT MARKERS  
RIGHT TURN LANE**

781-1

FILE NAME = c:\ywork\hking\drw\br\br\transportat\stomat\dm2586\0366019-ah1-cte-011.dwg



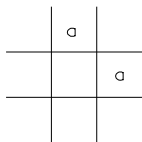
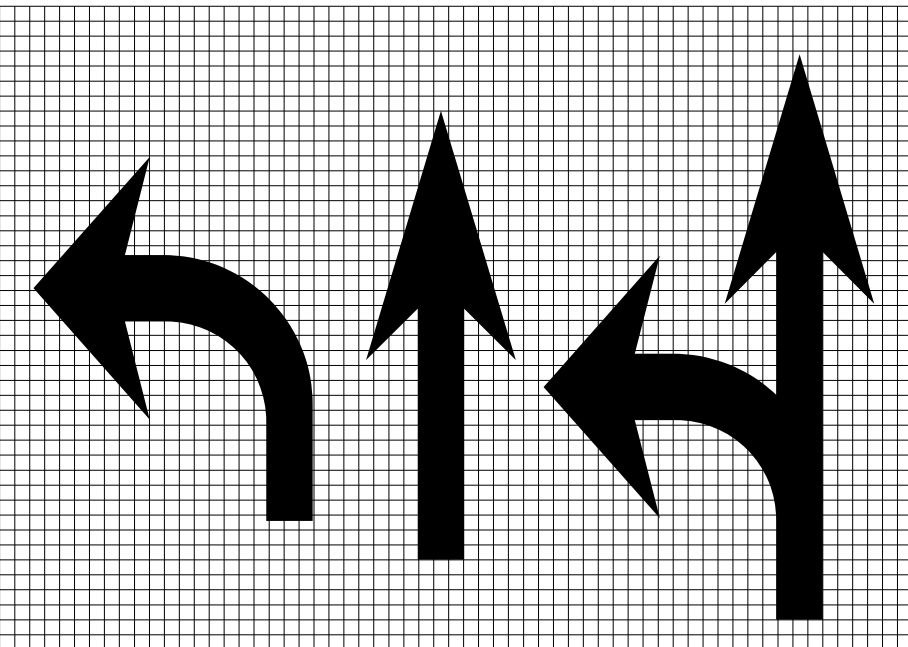
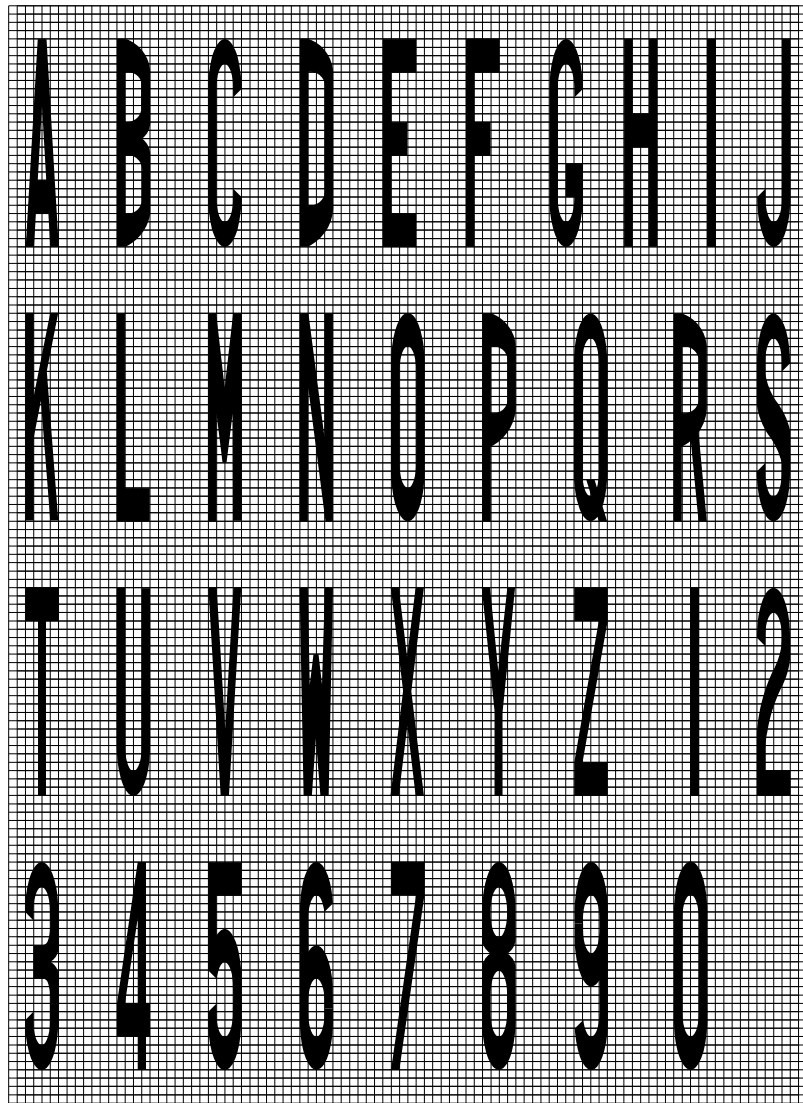
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 3 DETAILS

SCALE: NTS SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	92
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

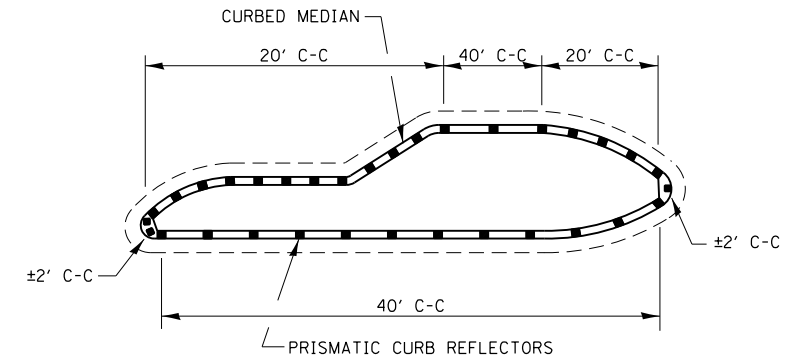


LEGEND HEIGHT	ARROW SIZE	a
6'	SMALL	2.9
8'	LARGE	3.8

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

**LETTER AND ARROW GRID SCALE**

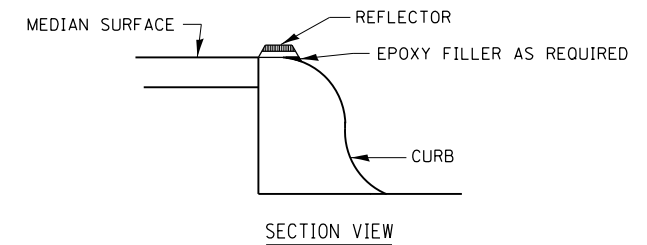
**780-20**



1. PRISMATIC REFLECTORS SHALL BE BI-DIRECTIONAL.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC RELECTORS SHALL BE AMBER IN COLOR.

**PRISMATIC CURB REFLECTORS AT CURB MEDIANS**

**782-1**



**OPTION 1**

FILE NAME: c:\nework\hug\drw\brouk\transportation\mst\mst2586\0366019-ant-ds-01.dgn



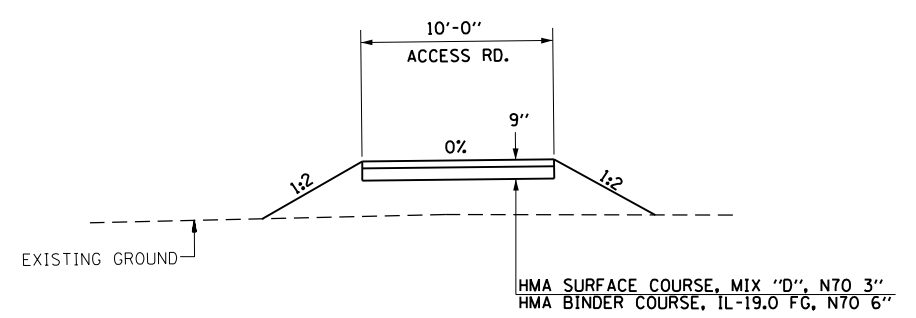
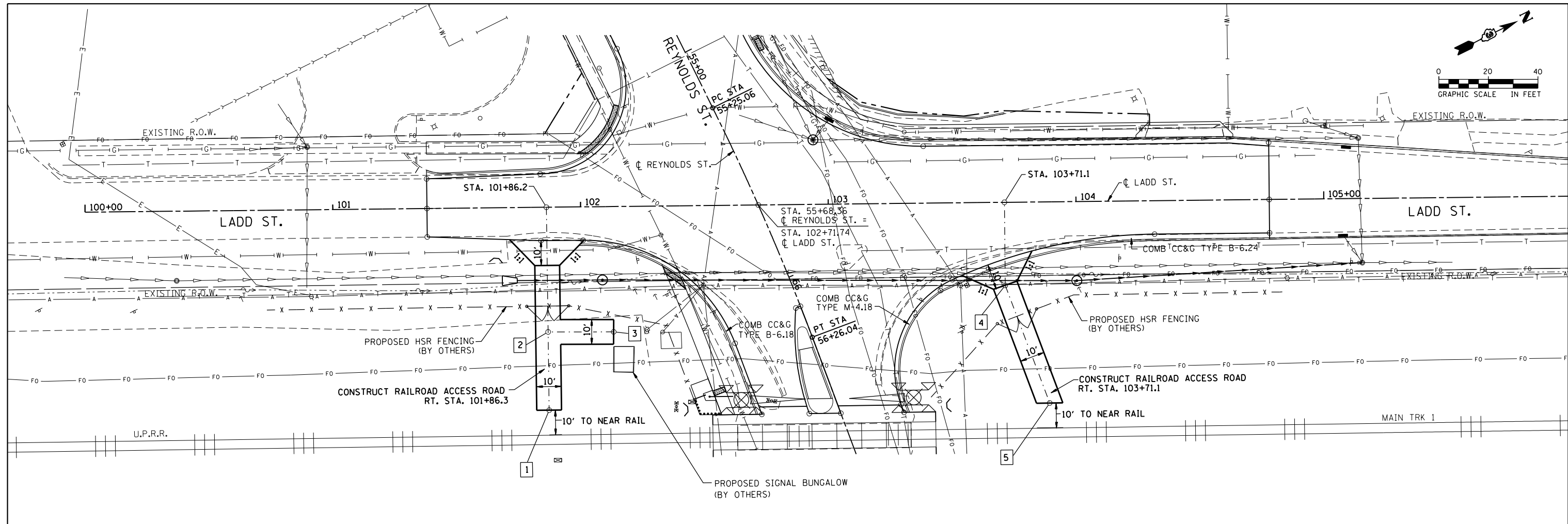
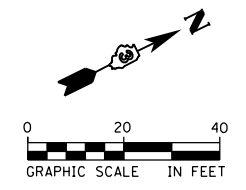
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 3 DETAILS**

SCALE: NTS SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	93
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



- 1 STA. 101+86.47, 81.91' RT. (N 1532234.7736, E 899207.5034)
- 2 STA. 101+86.37, 50.34' RT. (N 1532248.4165, E 899179.0398)
- 3 STA. 102+12.83, 50.60' RT. (N 1532272.1281, E 899190.7838) ELEV. 642.78
- 4 STA. 103+71.0, 33.55' RT. (N 1532422.0595, E 899244.2670)
- 5 STA. 103+88.51, 81.21' RT. (N 1532417.0041, E 899294.7599)

**NOTES**

SEE CROSS SECTIONS FOR ACCESS RD. PROFILES.

FILE NAME: c:\neworking\drw\brwb\transportation\dm2256\0366\0366.dwg



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

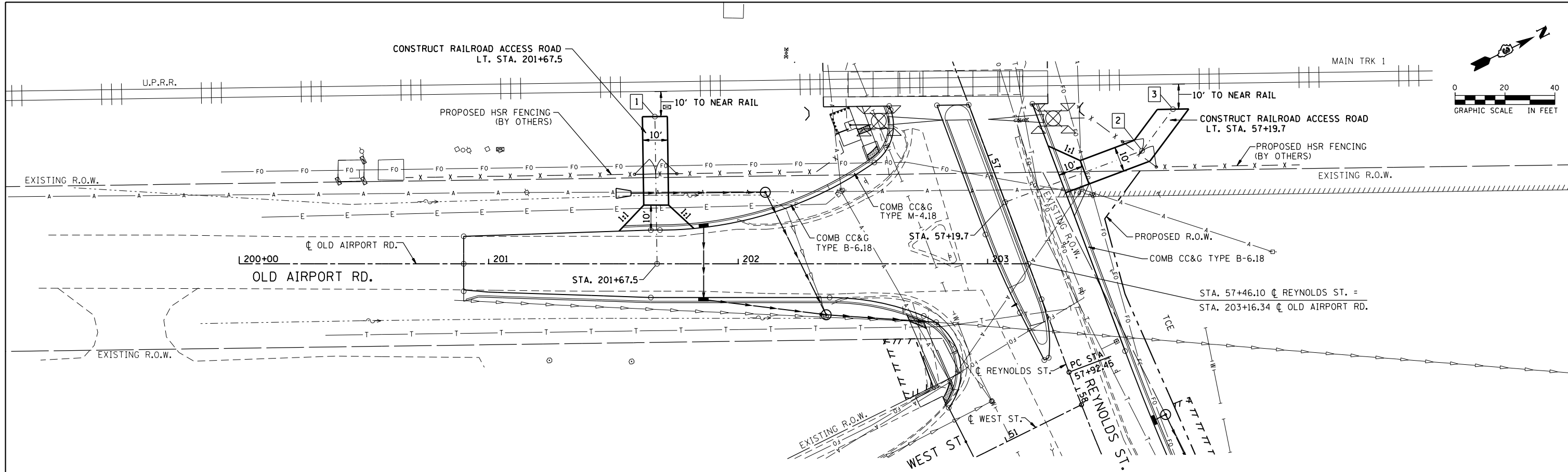
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
RAILROAD ACCESS RD. - LADD STREET**

SCALE: 1" = 20' SHEET 1 OF 5 SHEETS STA. TO STA.

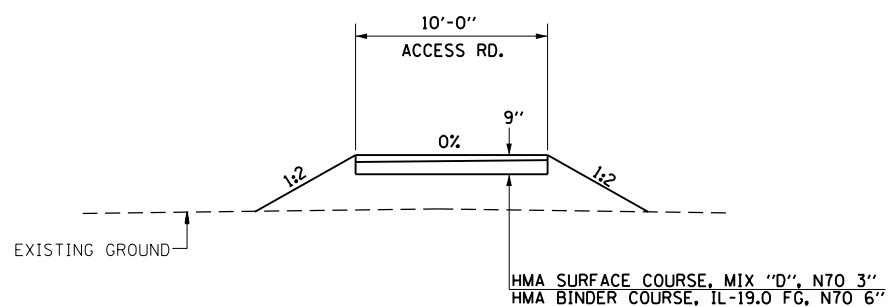
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	94
				CONTRACT NO. 66D19

ILLINOIS FED. AID PROJECT



**DETAIL OF ACCESS ROAD**  
(LT. STA. 201+67.5 - OLD AIRPORT RD.)

**DETAIL OF ACCESS ROAD**  
(LT. STA. 57+19.7 - REYNOLDS ST.)



**ACCESS ROAD TYPICAL SECTION**  
N.T.S.

- 1 STA. 201+66.65, 58.94' LT. (N 1532222.9466, E 899228.4498)
- 2 STA. 57+19.73, 58.62' LT. (N 1532391.8023, E 899327.5157)
- 3 STA. 57+08.53, 76.03' LT. (N 1532410.2619, E 899318.1410)

**NOTES**

SEE CROSS SECTIONS FOR ACCESS RD. PROFILES.

FILE NAME: c:\nework\hking\drw\br\br\transportation\mst\mst\mst\accessroad.t\_002.dgn



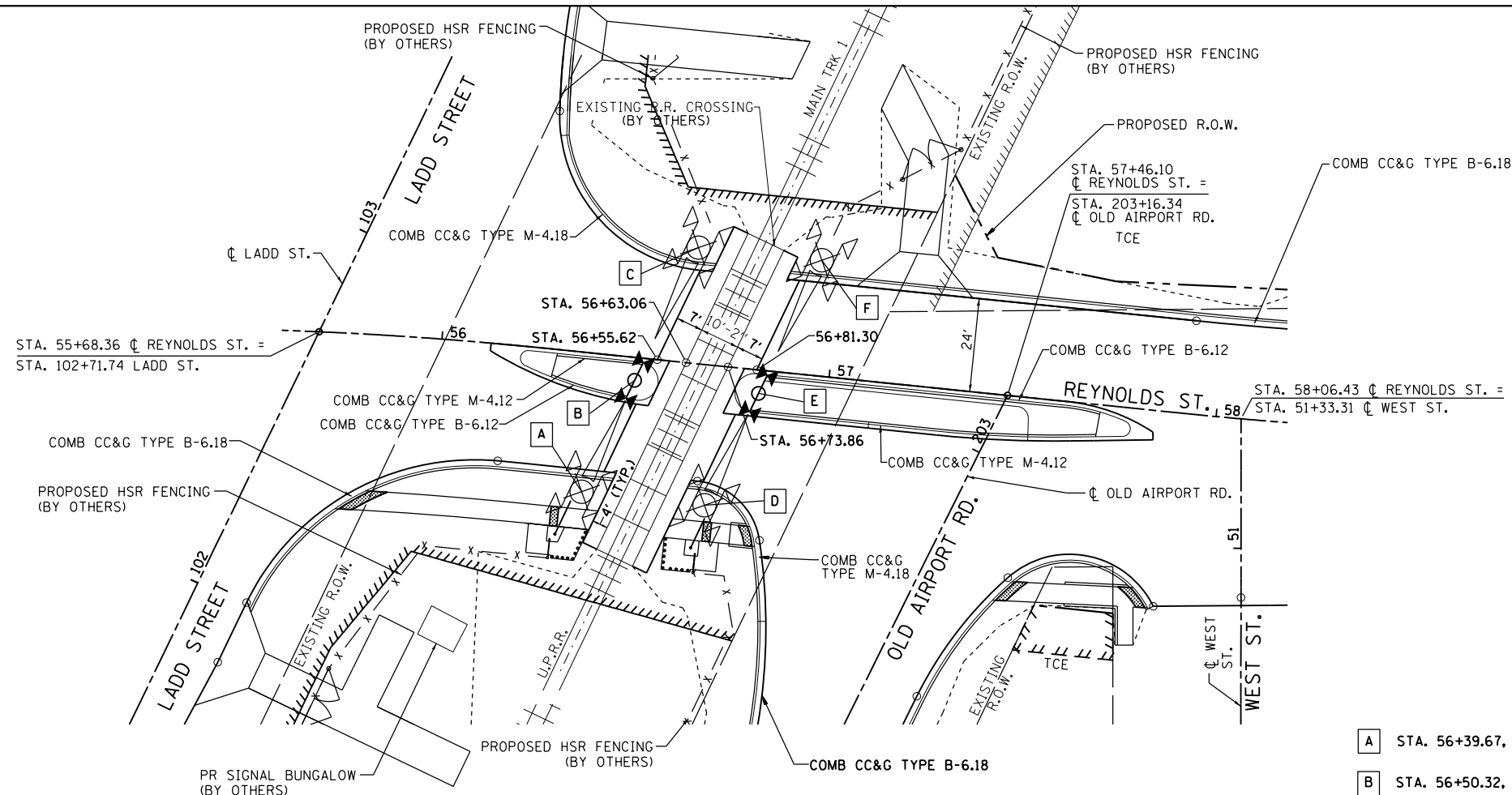
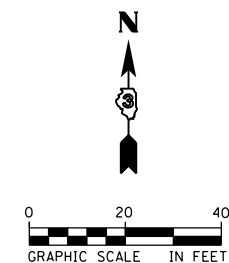
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**  
**RAILROAD ACCESS RD. - OLD AIRPORT RD./REYNOLDS ST.**

SCALE: 1" = 20' SHEET 2 OF 5 SHEETS STA. TO STA.

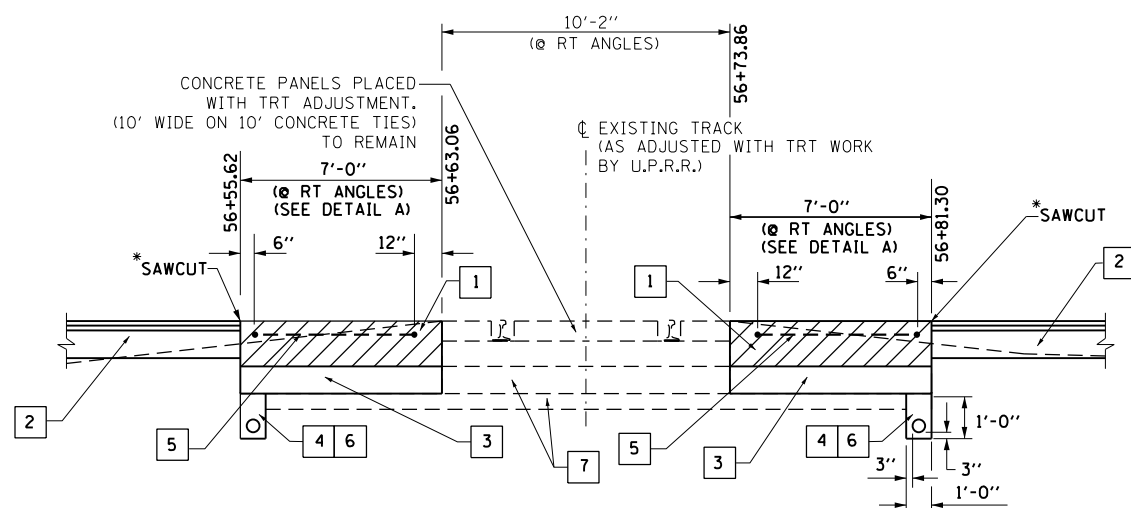
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	95
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**GRADE CROSSING DETAIL**

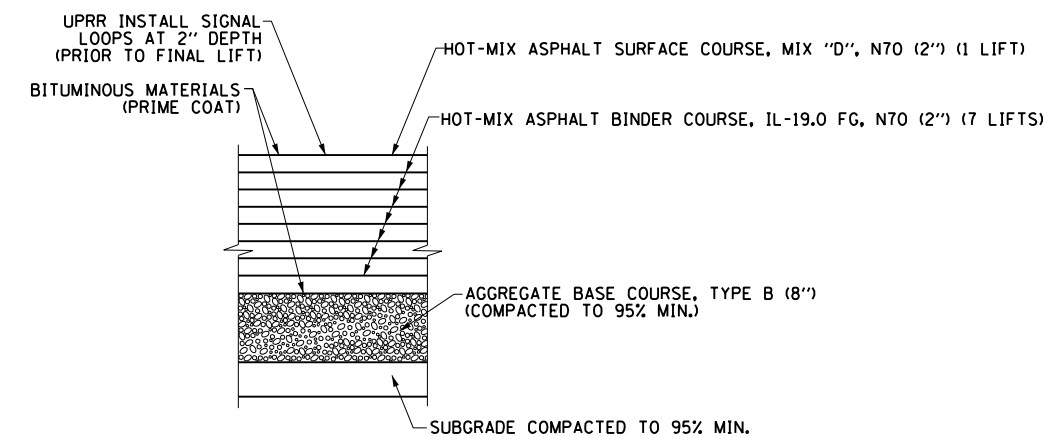
- A** STA. 56+39.67, 35.75' RT. (N 1532306.0399, E 899238.3013)
- B** STA. 56+50.32, 5.87' RT. (N 1532334.6836, E 899251.9243)
- C** STA. 56+63.21, 29.76' LT. (N 1532368.8255, E 899268.3647)
- D** STA. 56+71.46, 36.00' RT. (N 1532302.5652, E 899269.8993)
- E** STA. 56+82.34, 5.97' RT. (N 1532331.3358, E 899283.7679)
- F** STA. 56+95.09, 29.75' LT. (N 1532365.5833, E 899300.0740)

\* POST CONSTRUCTION FOR CRACK CONTROL



**PAVEMENT AT RAIL CROSSING DETAIL**

- 1** CONTRACTOR TO REMOVE PAVEMENT TO 16" BELOW PROPOSED ROADWAY PGL. PLACE 14" HMA BINDER COURSE CAP IN 2" LIFTS TO MEET PROPOSED GRADE. LAST LIFT USING HMA SURFACE COURSE 2".
- 2** SEE PAVEMENT SECTION SHOWN ON ROADWAY TYPICAL SECTION SHEET.
- 3** AGGREGATE BASE COURSE, TYPE B. (8") SLOPE TOWARD DRAIN.
- 4** POROUS GRANULAR BACKFILL WITH PIPE UNDERDRAIN 6", COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B
- 5** CONTRACTOR TO COORDINATE WITH UPRR SIGNAL REGARDING PLACEMENT OF DETECTOR LOOPS.
- 6** CONTRACTOR TO FURNISH AND INSTALL GEOTECHNICAL FABRIC AND UNDERDRAIN. COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B.
- 7** BALLAST AND SUBBALLAST (TO REMAIN).



**DETAIL A**  
TYPICAL PAVEMENT STRUCTURE AT RAIL CROSSING  
STA 56+37.72 TO 56+44.84  
STA 56+55.16 TO 56+62.28

FILE NAME: c:\nework\hwy\drw\brn\brn\transportation\dm2256\0366019-akt\mst-r-r-cosaragdas-2011.dgn



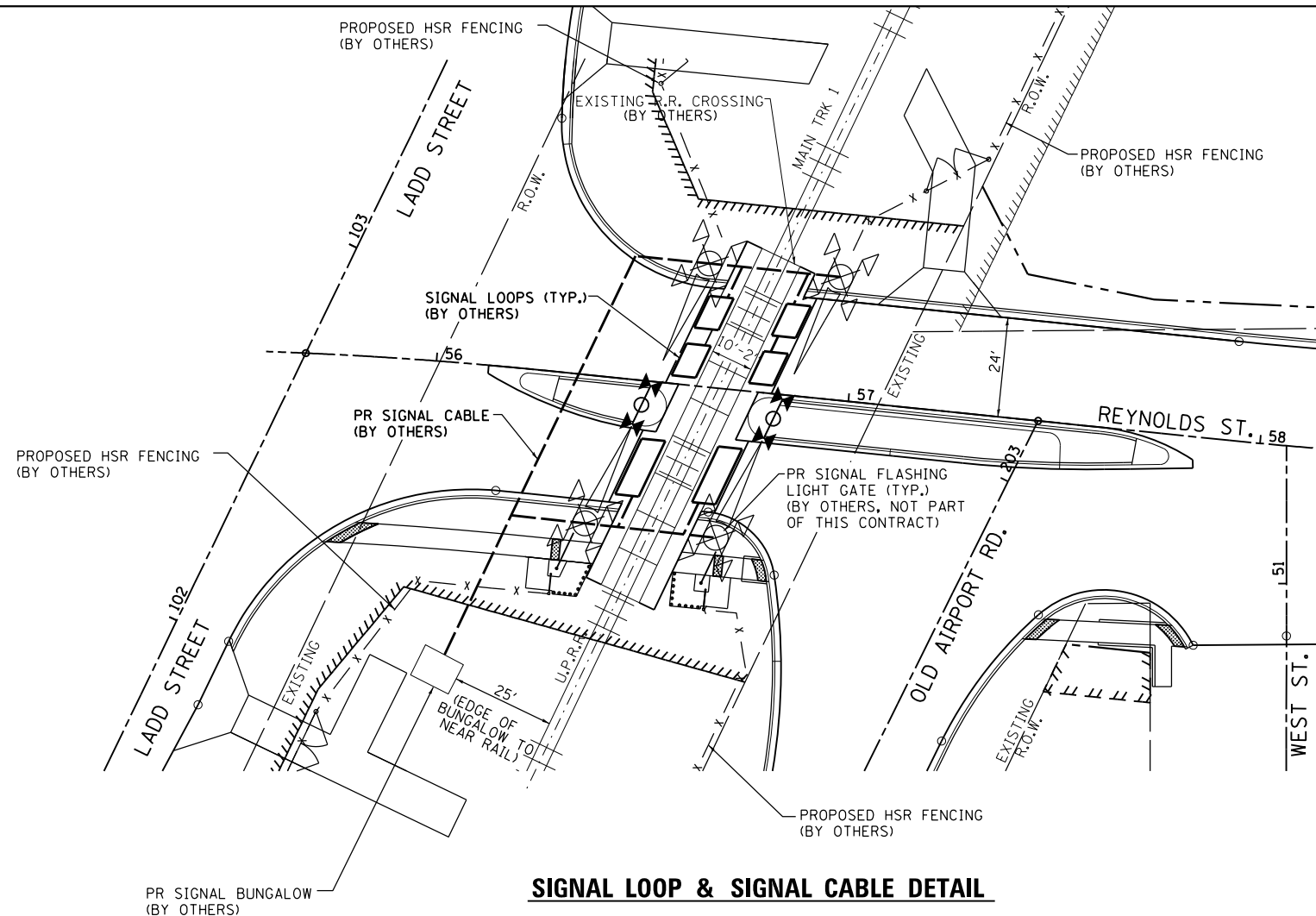
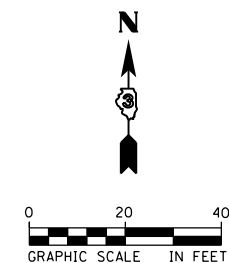
USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 48.0000 Ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS  
RAILROAD CROSSING - REYNOLDS STREET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	96
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				



**SIGNAL LOOP & SIGNAL CABLE DETAIL**

**SIGNAL LOOP LOCATION NOTES:**  
(NOT BY IDOT CONTRACTOR)

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

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

FILE NAME: c:\yearchung\drw\brook\transportation\dm2256\0366019-akt\mst-r-r-coor\sigdat-002.dgn



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 40.0000 ft / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION DETAILS</b>	
<b>RAILROAD CROSSING - REYNOLDS STREET</b>	
SCALE: 1" = 20'	SHEET 4 OF 5 SHEETS STA. TO STA.

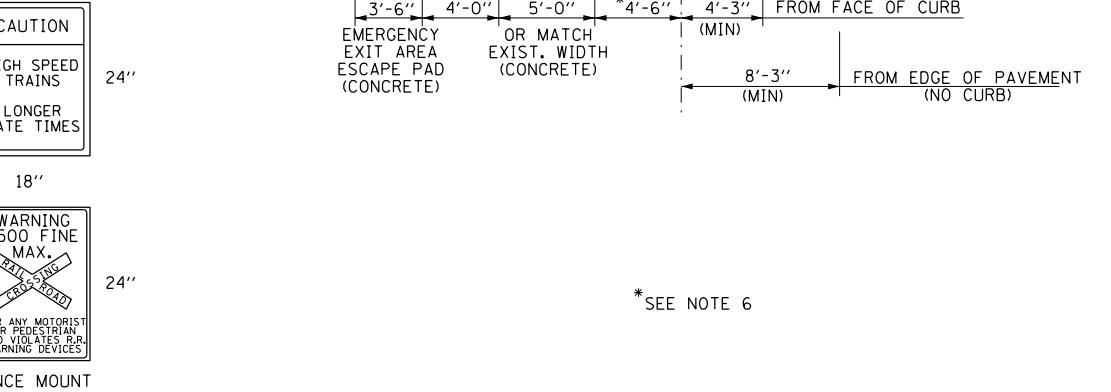
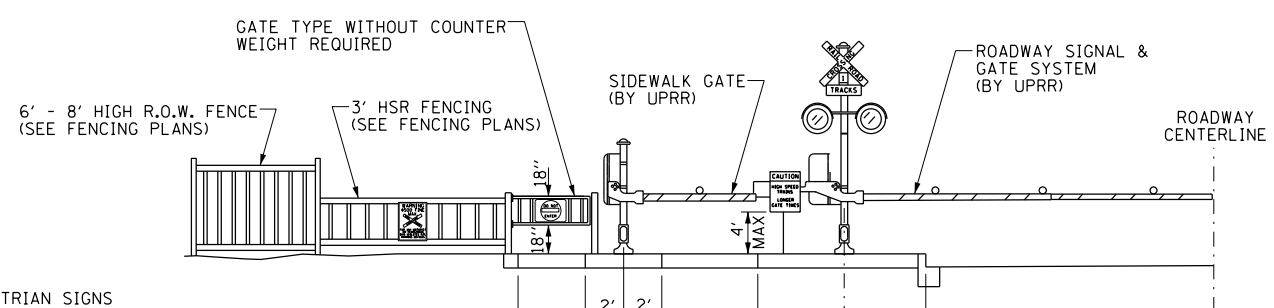
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	97
CONTRACT NO. 66D19				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. COMPLY WITH MUTCD.
2. ESCAPE AREA DESIGN - COMPLY WITH CHAPTER 4: "ACCESSIBLE ROUTES" OF ADA AND ABA GUIDELINES LATEST EDITION.
3. DETECTABLE WARNING - TRUNCATED DOMES PER CHAPTER 7: "COMMUNICATION ELEMENTS AND FEATURES," ADA AND ABA GUIDELINES. COST INCLUDED IN DETECTABLE WARNINGS.
4. ESCAPE PAD SHALL BE RED COLORED/PAINTED CONCRETE TO DISTINGUISH LOCATION FROM REGULAR SIDEWALK.
5. DETECTABLE WARNING PANELS SHALL BE A SEPARATE COLOR FROM SIDEWALK.
6. FINAL DIMENSIONS DETERMINED IN FIELD DUE TO VARIABILITY OF LOCATIONS AND FIELD CONDITIONS.
7. PEDESTRIAN CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT ICC STANDARD.
8. COST OF PEDESTRIAN ESCAPE PAD CONCRETE, AGGREGATE (CA-6), SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH.
9. CONTRACTOR TO COORDINATE WITH UPRR SIGNAL TO AVOID UNDERGROUND CABLE PLACEMENT IN THE VICINITY OF THE FENCE POSTS & SIGNS.

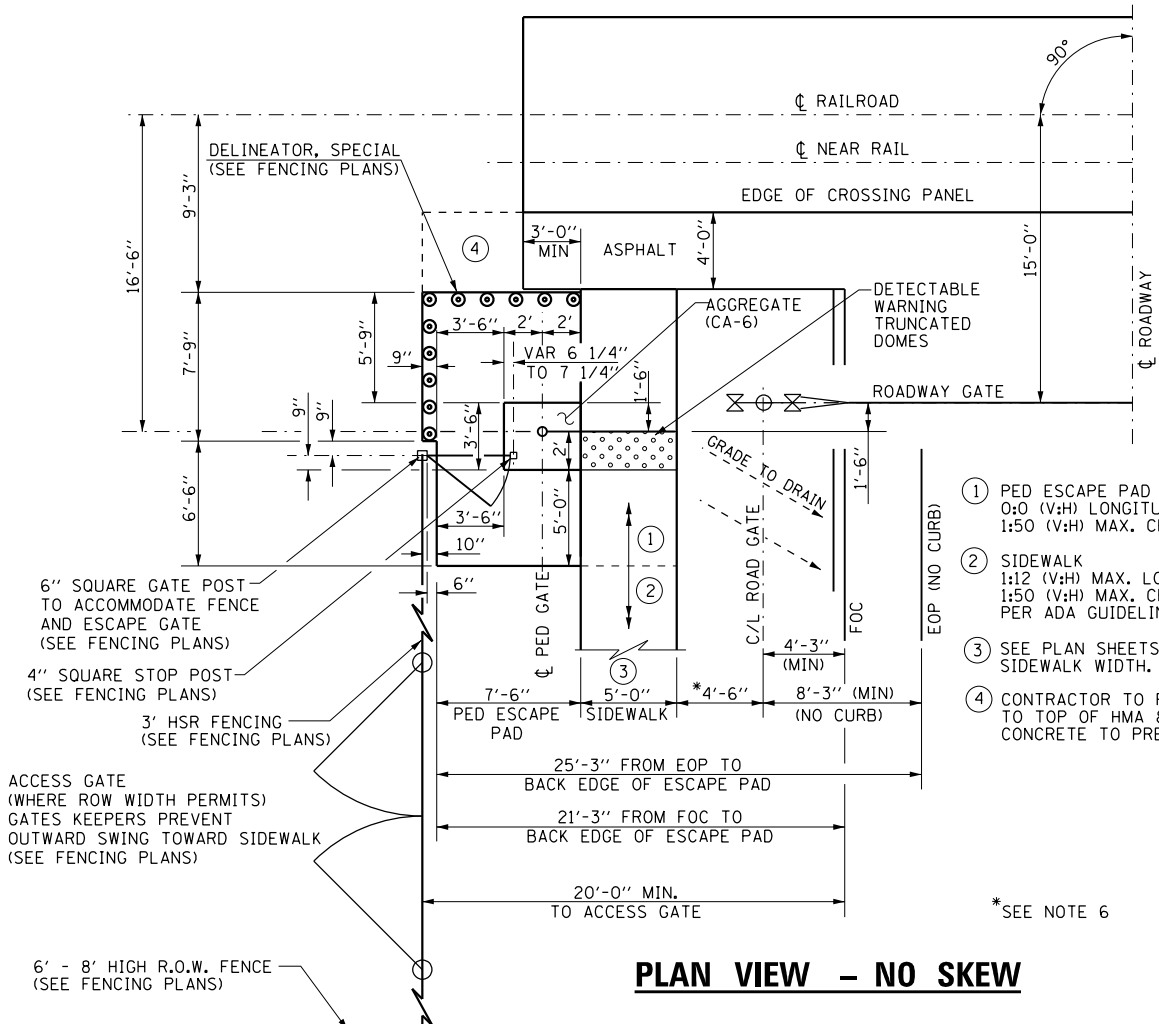
\*SEE NOTE 6

**PLAN VIEW - SKEW 45° TO 89°**



**PEDESTRIAN VIEW AT EXIT GATE - TRAIN APPROACHING**

**PLAN VIEW - NO SKEW**



1. PED ESCAPE PAD & SIDEWALK 0:0 (V:H) LONGITUDINAL SLOPE 1:50 (V:H) MAX. CROSS SLOPE.
2. SIDEWALK 1:12 (V:H) MAX. LONGITUDINAL SLOPE 1:50 (V:H) MAX. CROSS SLOPE PER ADA GUIDELINES.
3. SEE PLAN SHEETS FOR ACTUAL SIDEWALK WIDTH.
4. CONTRACTOR TO PLACE AGGREGATE (CA-6) TO TOP OF HMA & ESCAPE PAD CONCRETE TO PREVENT DROP-OFFS.

\*SEE NOTE 6



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
PLOT SCALE = 10.0000 ft / in.	DRAWN - DAB	REVISED -
PLOT DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS  
PEDESTRIAN CROSSING WITH ROADWAY CROSSING DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	98
CONTRACT NO. 66D19				

SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

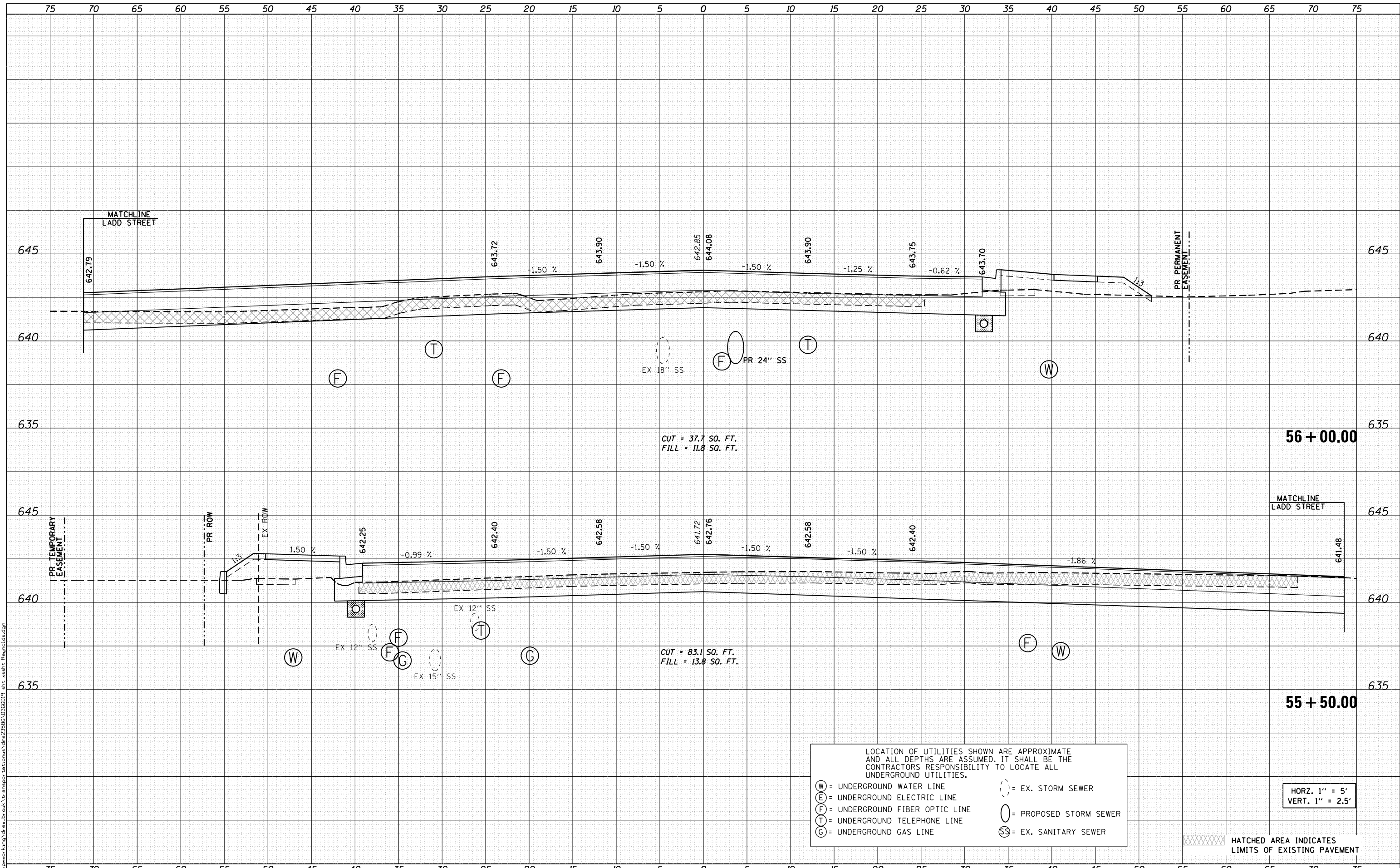




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

FILE NAME = c:\working\mg\draw\brook\transport\to\lcomus\dm\23985\0365019-ahh-xsh-t-Pr.mxd.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(---) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
	CHECKED - JCM	REVISED -
	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

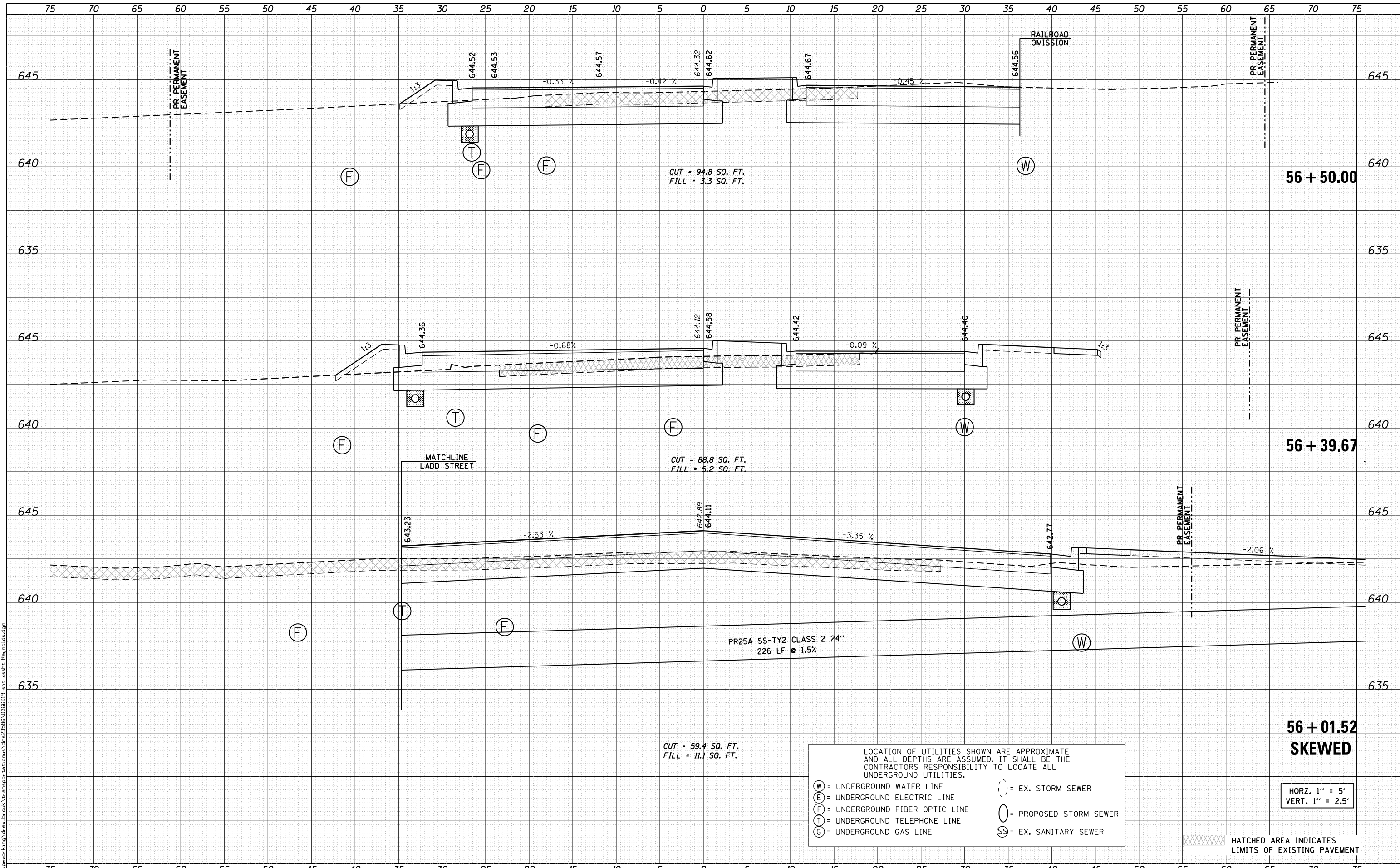
SCALE: 1" = 5'		SHEET 2 OF 16 SHEETS		STA. 55+50.00 TO STA. 55+98.31	
----------------	--	----------------------	--	--------------------------------	--

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	100
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	

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

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

FILE NAME = c:\working\mg\drew\_brouk\transport\lcomus.dwg



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (---) = EX. STORM SEWER  
 (O) = PROPOSED STORM SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
 VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 5'		SHEET 3 OF 16 SHEETS		STA. 56+00.00 TO STA. 56+50.00	
----------------	--	----------------------	--	--------------------------------	--

CROSS SECTIONS  
 REYNOLDS STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	101
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				

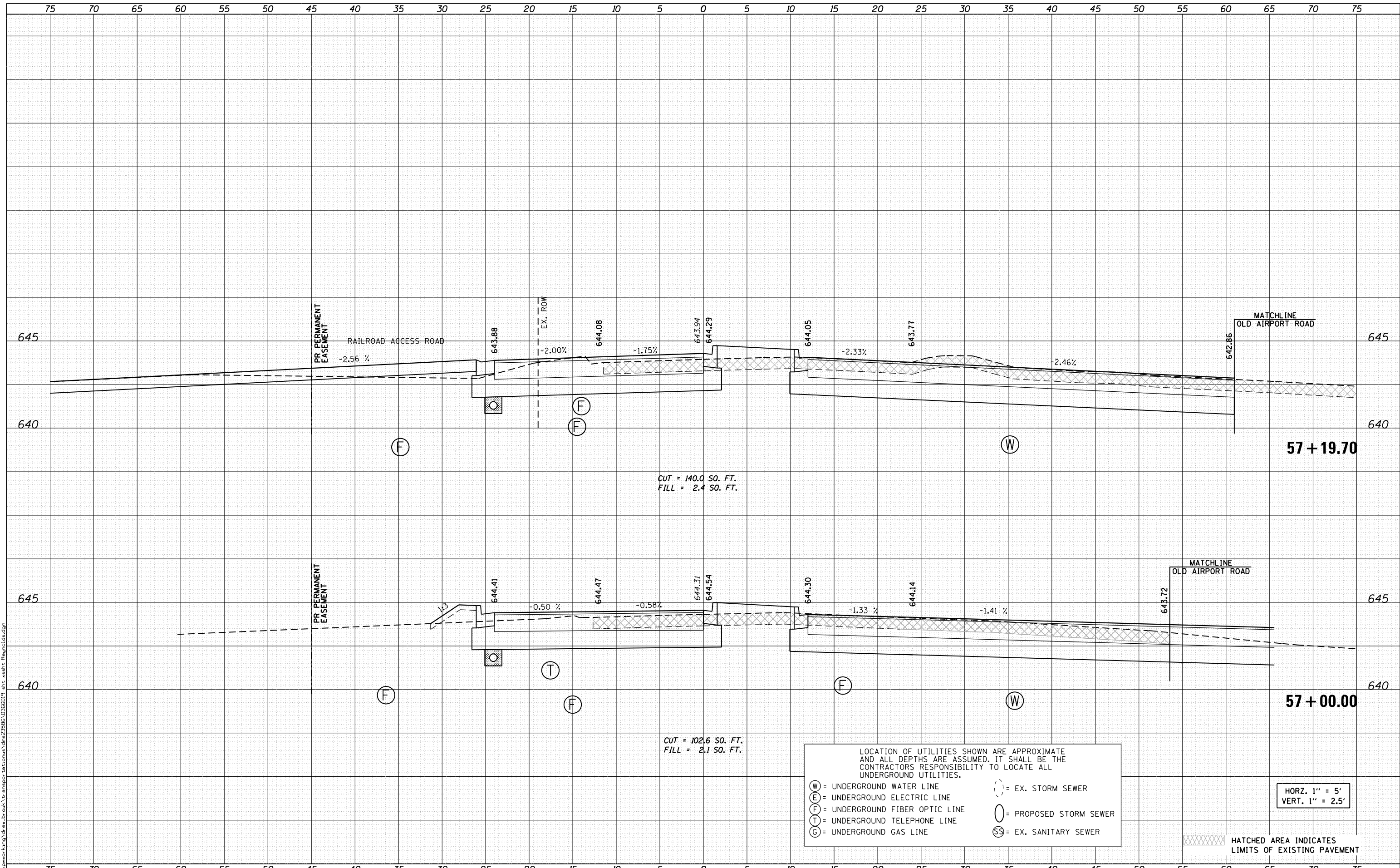




DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = c:\working\eng\drew\_brouk\transport\to\lcmus\dem\23985\0365019\ht\ssht-Reyn01b.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(-) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(S) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 5 OF 16 SHEETS STA. 57+00.00 TO STA. 57+19.70

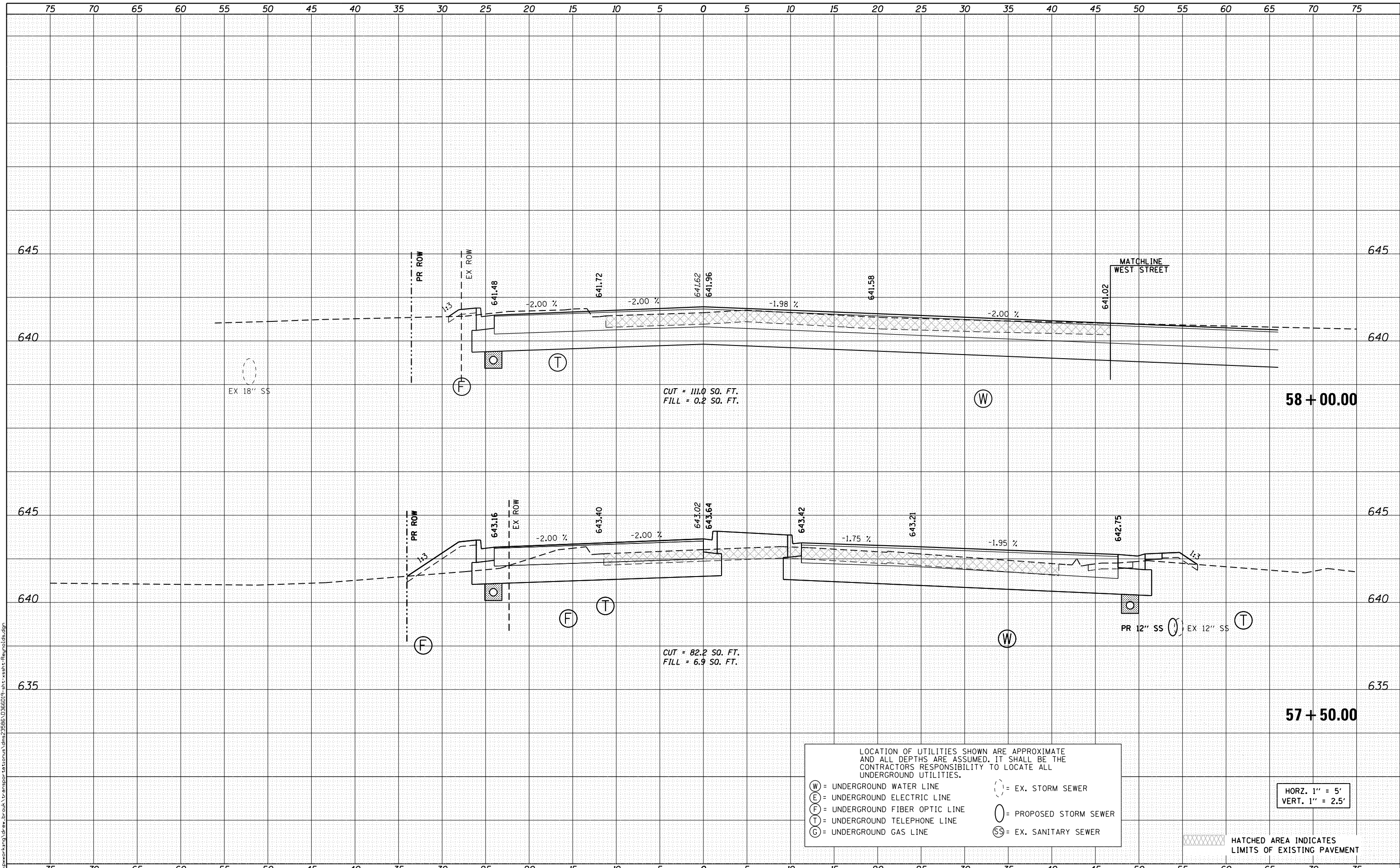
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	103
				CONTRACT NO. 66D19

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = c:\working\mg\drew\_brouk\transport\to\lcmus\dm\23985\0365019-ahh-xshh-Prj\mch.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(SS) = EX. SANITARY SEWER  
(SS) = EX. STORM SEWER  
(SS) = PROPOSED STORM SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 6 OF 16 SHEETS STA. 57+50.00 TO STA. 58+00.00

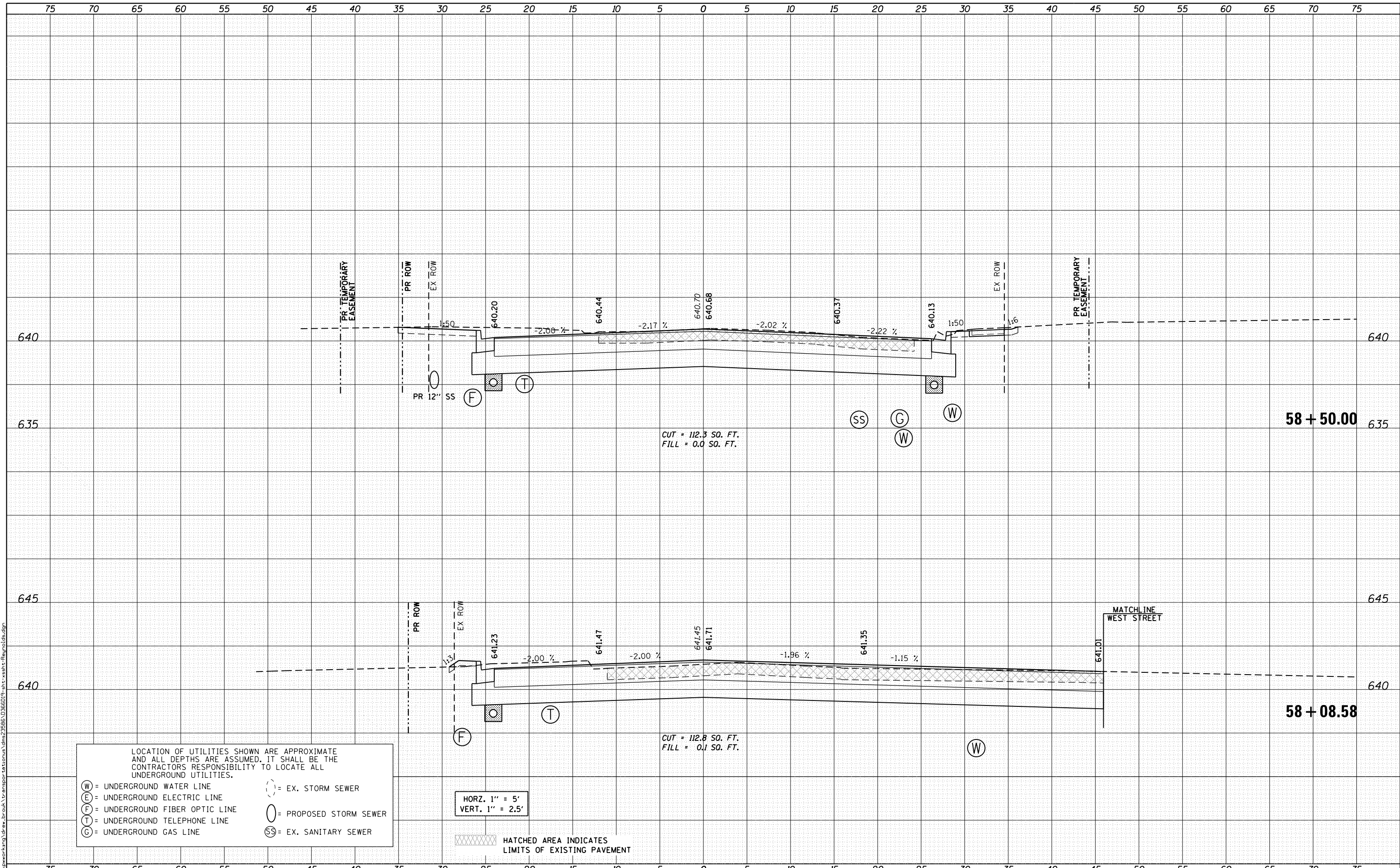
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	104
				CONTRACT NO. 66D19

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = c:\network\eng\draw\brook\transport\comut\dm3985\0365019-ah-ssht-Plan.dwg



CUT = 112.3 SQ. FT.  
FILL = 0.0 SQ. FT.

CUT = 112.8 SQ. FT.  
FILL = 0.1 SQ. FT.

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(---) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000 "/>		

DATE = 10/29/2015	CHECKED - JCM	REVISED -
	DATE = 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 7 OF 16 SHEETS STA. 58+08.58 TO STA. 58+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	105
				CONTRACT NO. 66D19

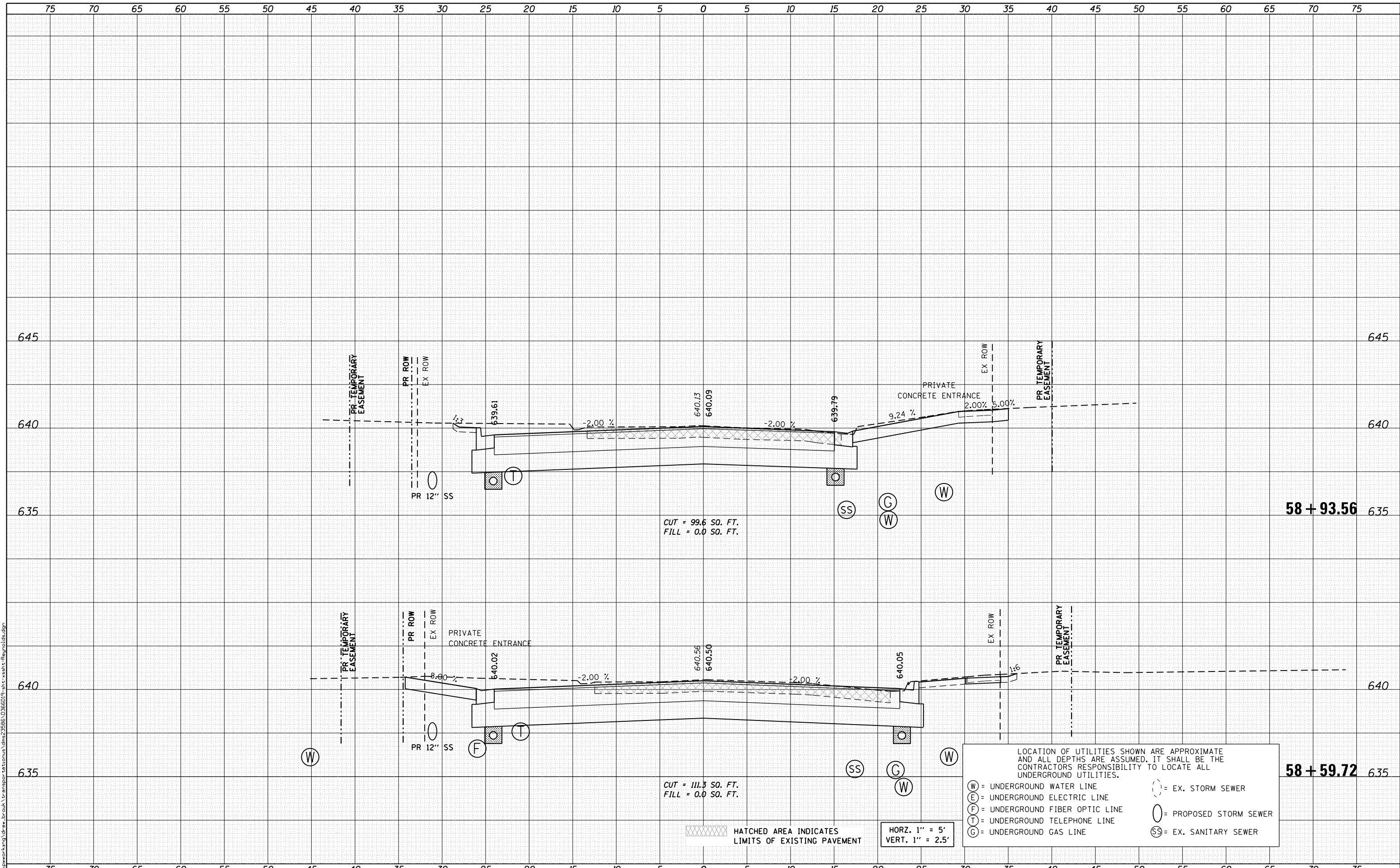
ILLINOIS FED. AID PROJECT



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

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

FILE NAME = c:\network\mg\drew\_brouk\transport\loman\dm\23985\0365019-ah-xxsh-t-Pr.mxd.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (---) = EX. STORM SEWER  
 (O) = PROPOSED STORM SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE = 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 8 OF 16 SHEETS STA. 58+59.72 TO STA. 58+93.56

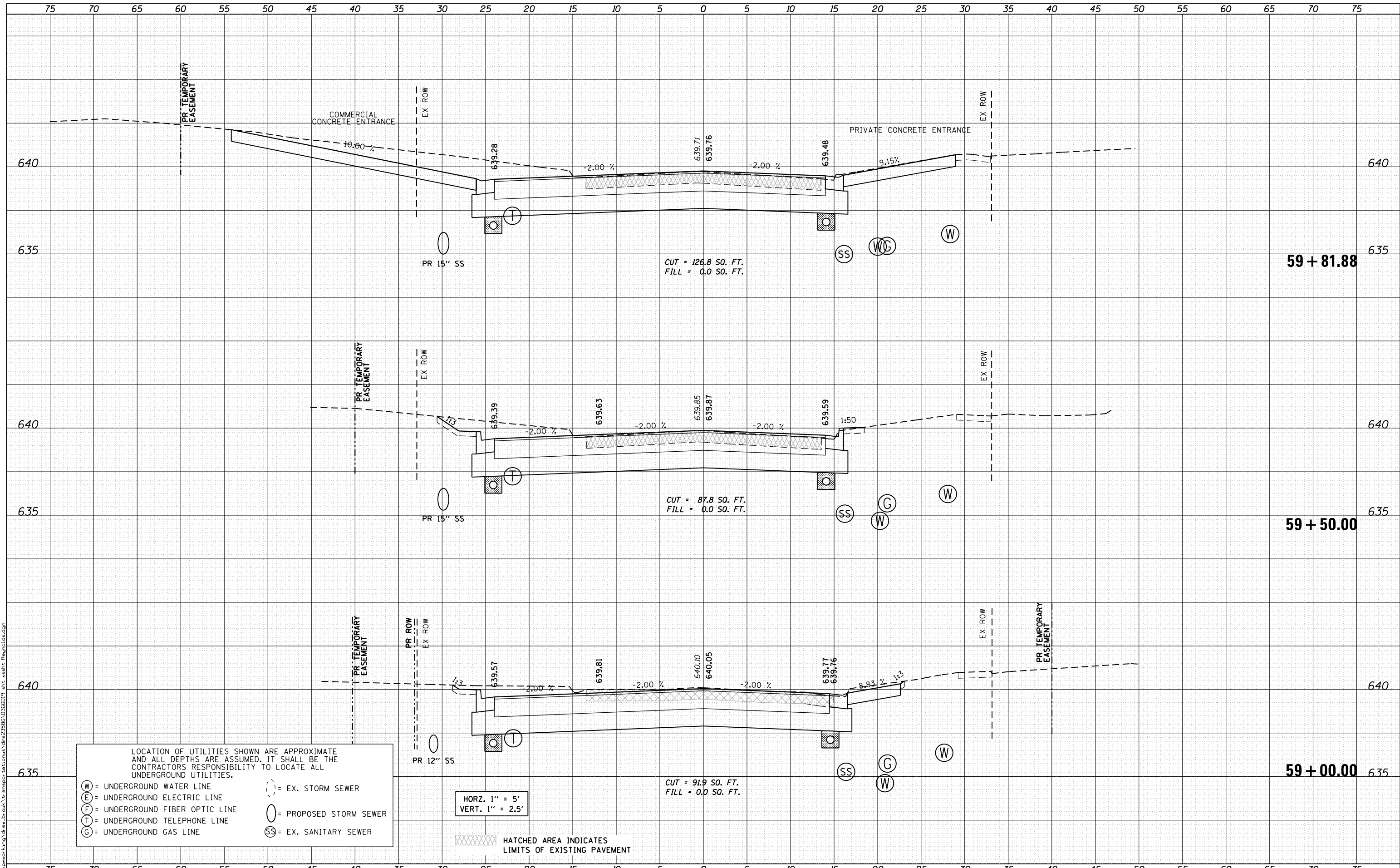
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	106
CONTRACT NO. 66D19				

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = c:\working\mg\draw\brook\transport\to\comus\dm\23985\0365019-ah-xxsh-t-Pr.mxd.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (⊕) = EX. STORM SEWER  
 (○) = PROPOSED STORM SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 9 OF 16 SHEETS STA. 59+00.00 TO STA. 59+81.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	107
			CONTRACT NO. 66D19	

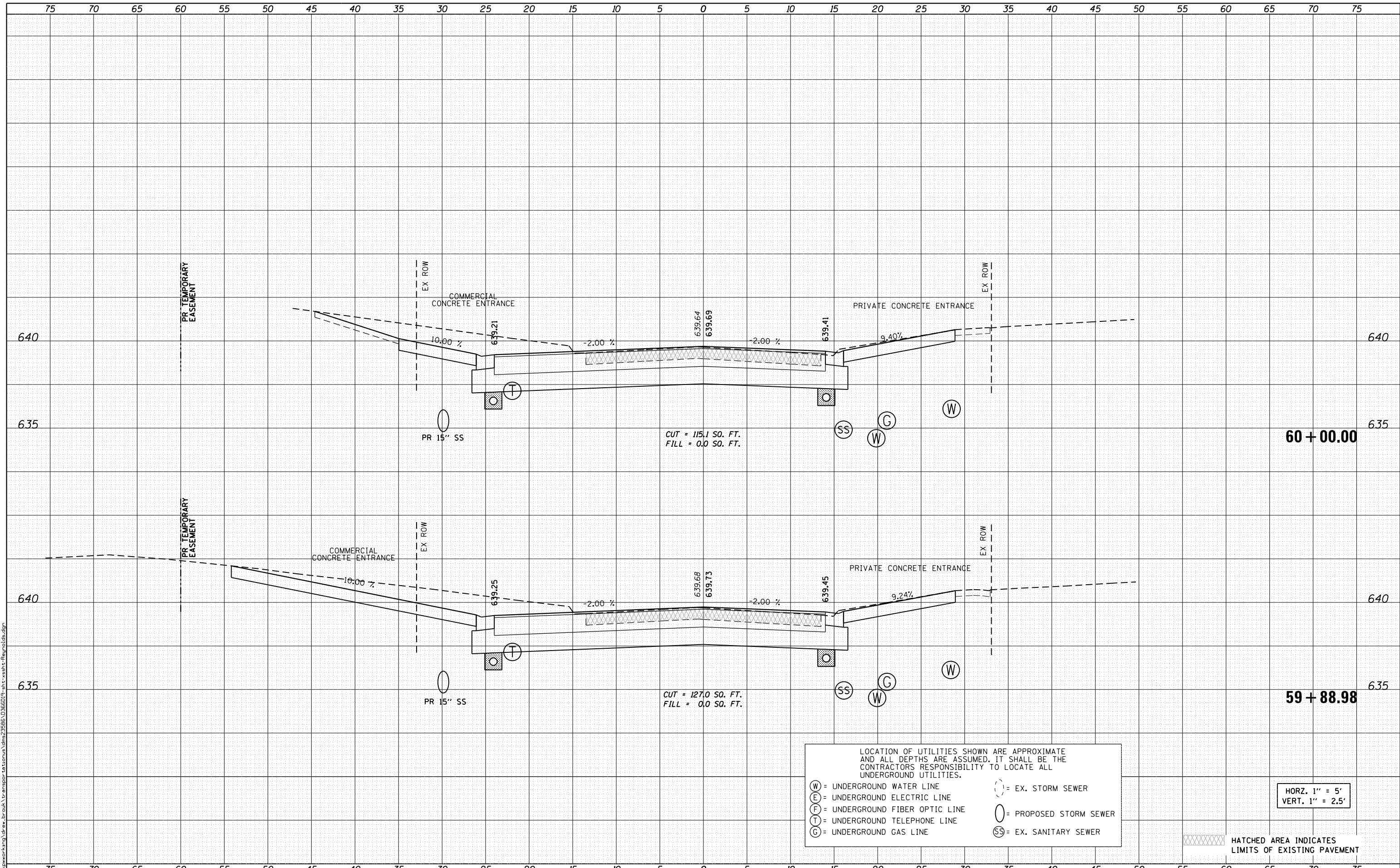
ILLINOIS FED. AID PROJECT



DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = c:\working\mg\draw\brook\transport\to\lcmus\dem\23985\0365019-ah-ssht-Plan\01b.dgn



CUT = 115.1 SO. FT.  
FILL = 0.0 SO. FT.

CUT = 127.0 SO. FT.  
FILL = 0.0 SO. FT.

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(-) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORIZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew.brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS REYNOLDS STREET	
SCALE: 1" = 5'	SHEET 10 OF 16 SHEETS
STA. 59+88.98 TO STA. 60+00.00	

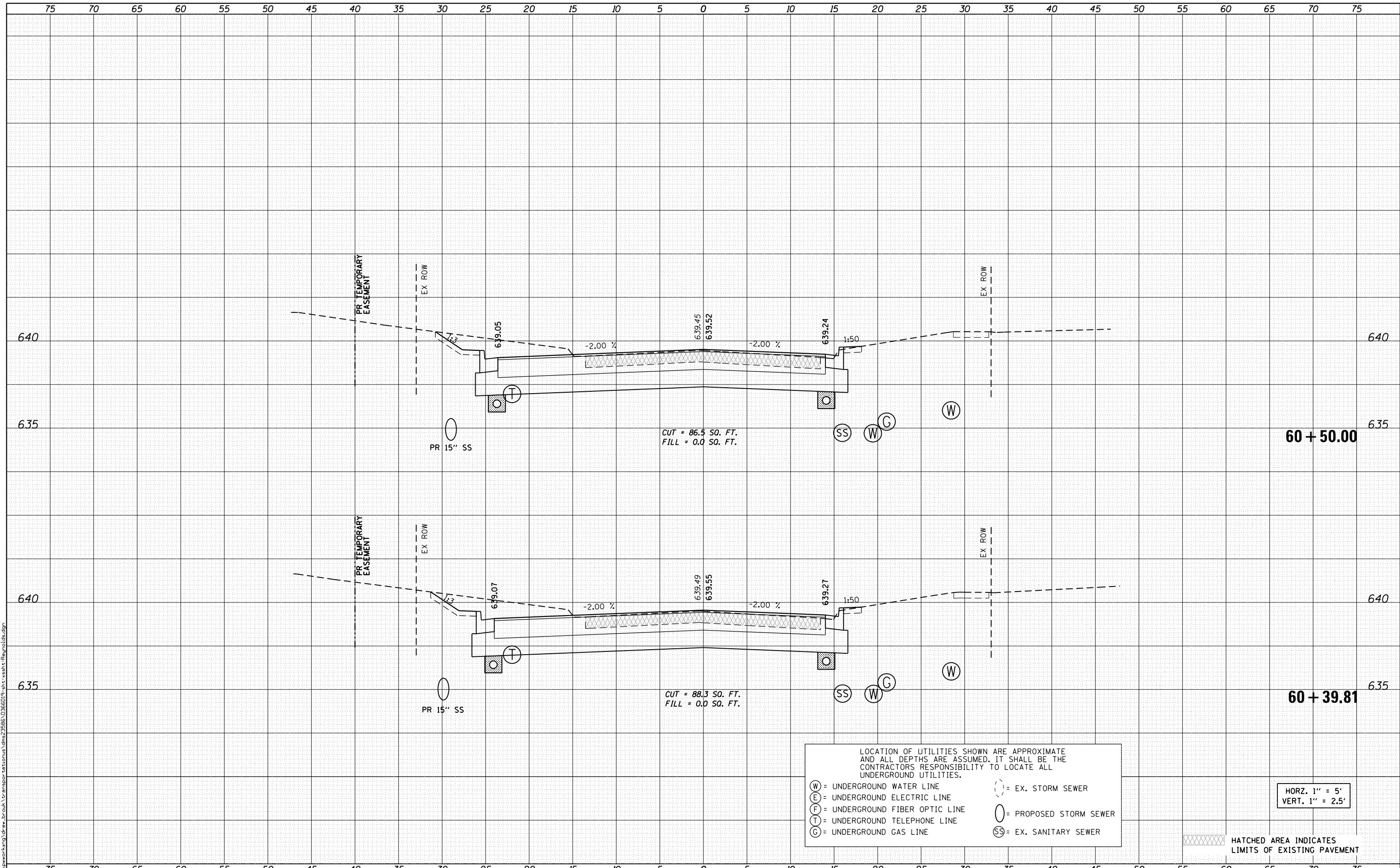
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	108
CONTRACT NO. 66D19				

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = c:\working\mg\drew\_brouk\transport\to\lcmus\dem\23985\0365019-ah-ssht-Plan\01.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(-) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORIZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

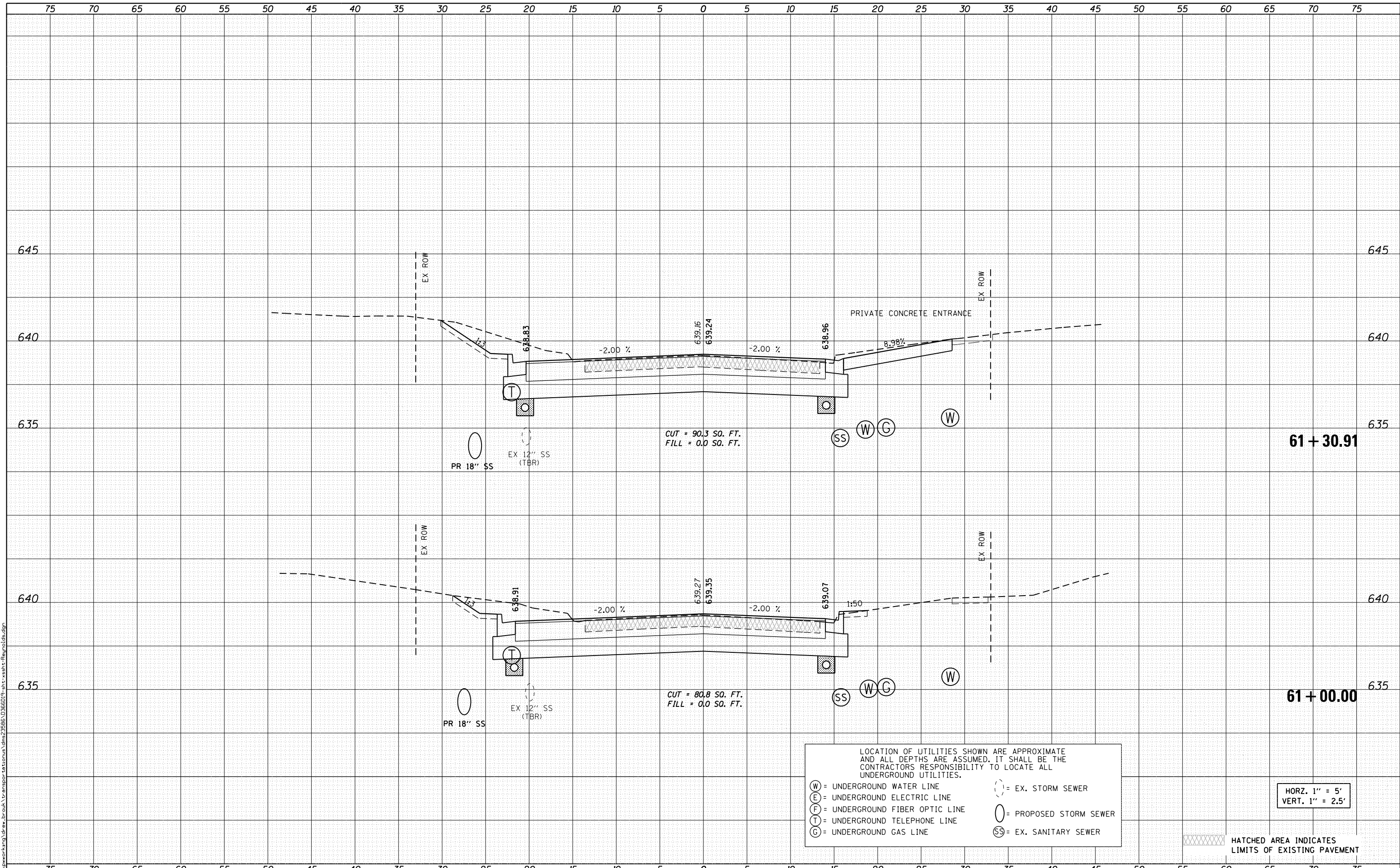
SCALE: 1" = 5' SHEET 11 OF 16 SHEETS STA. 60+39.81 TO STA. 60+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	109
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME = c:\working\mg\drew\_brouk\transport\to\lcmus\dem\23985\0365019-ah-ssht-Plan\01.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(-) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 12 OF 16 SHEETS STA. 61+00.00 TO STA. 61+30.91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	110
CONTRACT NO. 66D19				

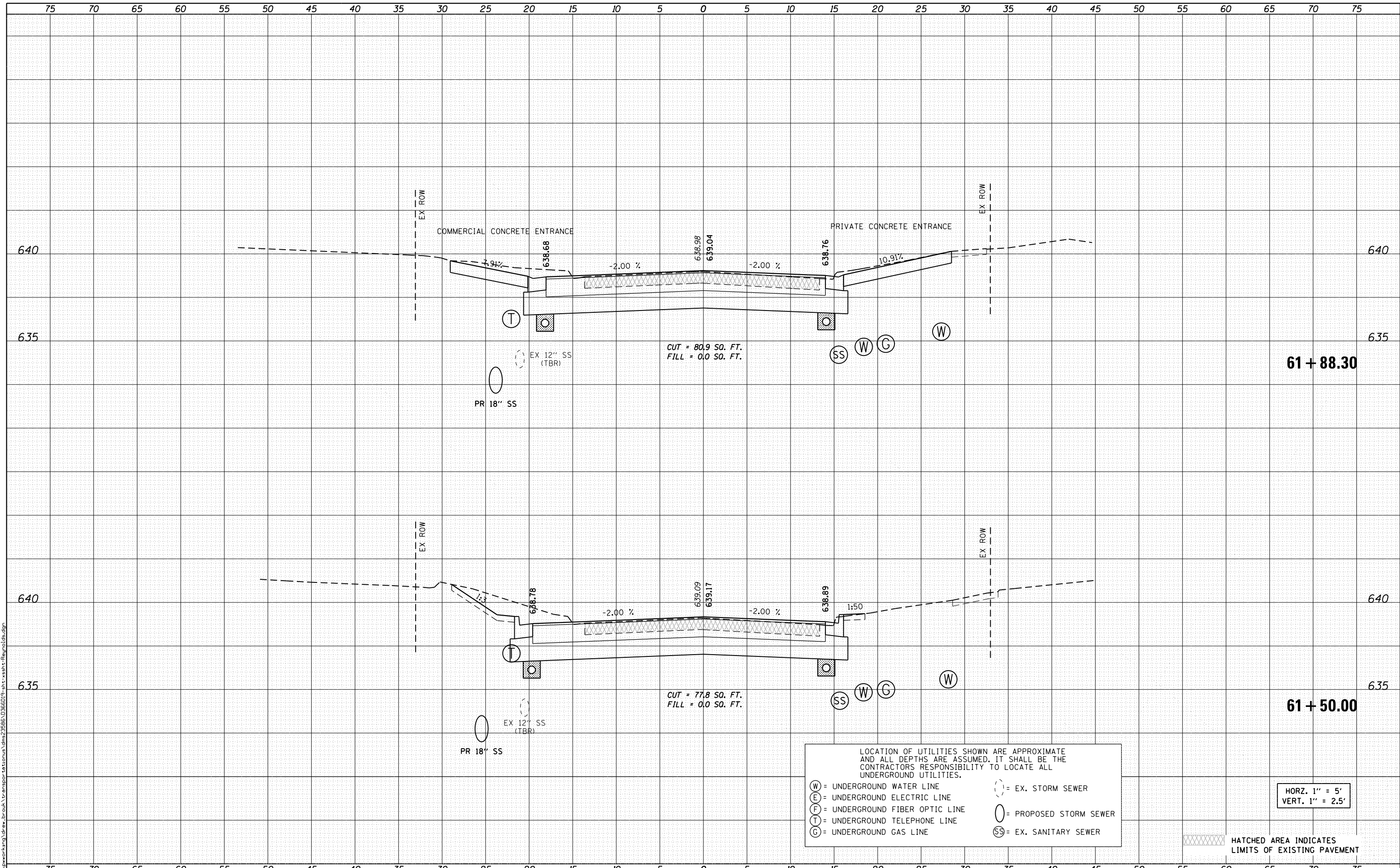
ILLINOIS FED. AID PROJECT



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

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\mg\drew\_brouk\transport\to\lcmus\dem\23985\0365019-ah-ssht-Plan\rd.dwg



61 + 88.30

61 + 50.00

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 ( ) = EX. STORM SEWER  
 ( ) = PROPOSED STORM SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 13 OF 16 SHEETS STA. 61+50.00 TO STA. 61+88.30

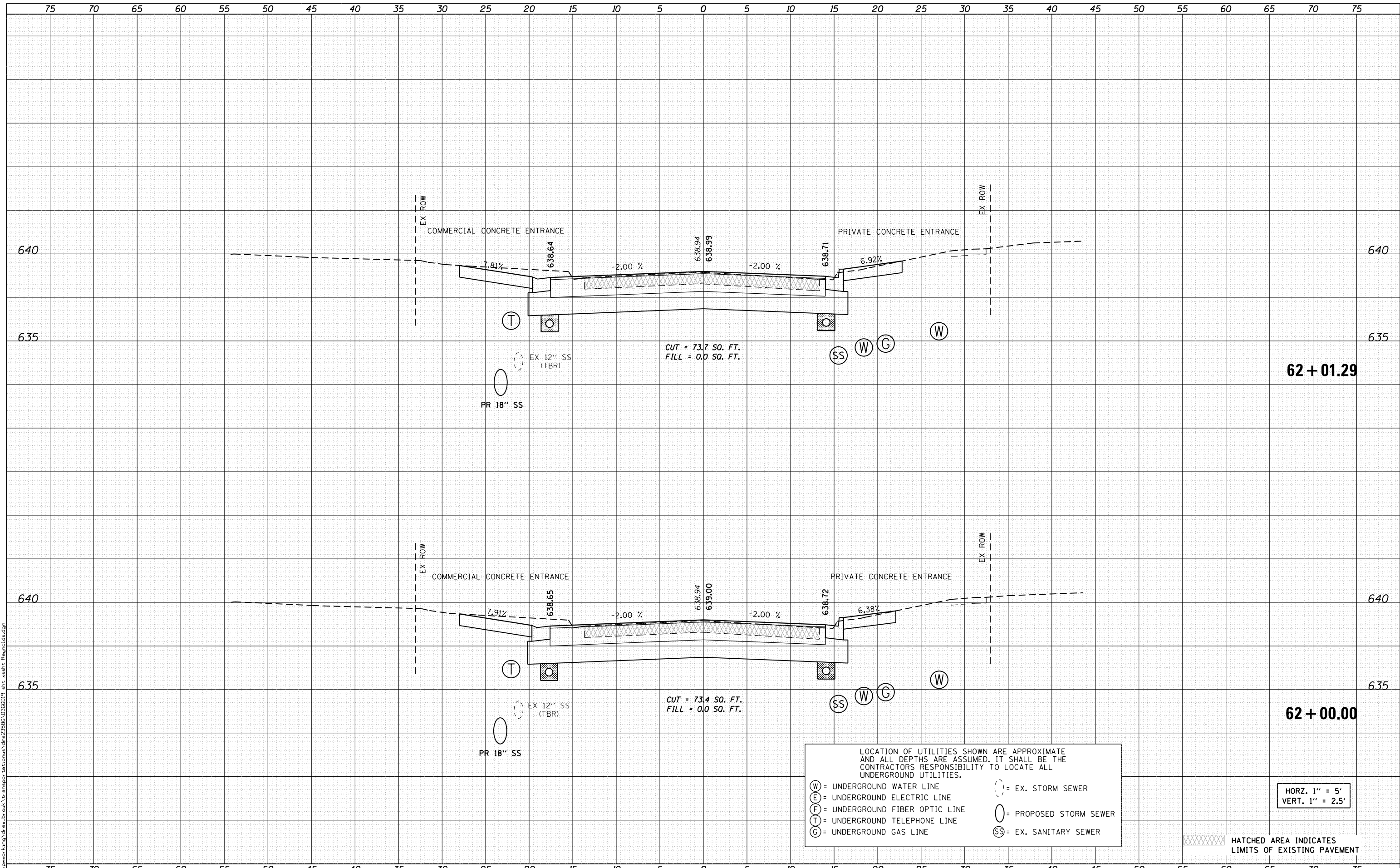
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	111
				CONTRACT NO. 66D19

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = c:\working\mg\drew\_brouk\transport\to\loman\dem\23985\0365019-ah-ssht-Plan\c1b.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(---) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
REYNOLDS STREET

SCALE: 1" = 5' SHEET 14 OF 16 SHEETS STA. 62+00.00 TO STA. 62+01.29

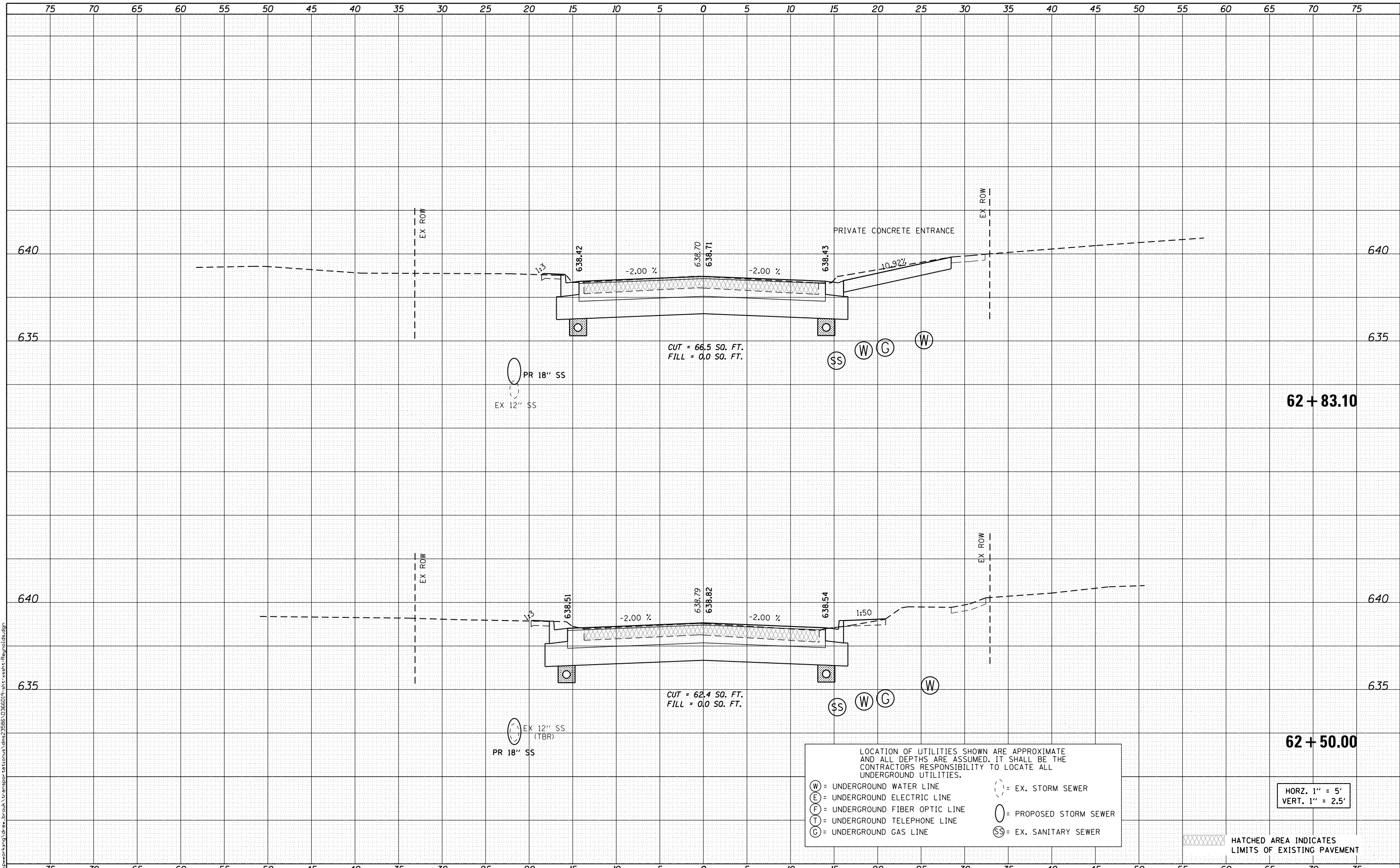
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	112
				CONTRACT NO. 66D19

ILLINOIS FED. AID PROJECT

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

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME = c:\work\mg\drew\_brouk\transport\loman\dm23985\0365019-ah-ssht-Plan\03d.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE

(-) = EX. STORM SEWER  
 (O) = PROPOSED STORM SEWER  
 (SS) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORIZ. 1" = 5'  
 VERT. 1" = 2.5'



USER NAME = drew_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 REYNOLDS STREET**

SCALE: 1" = 5' SHEET 15 OF 16 SHEETS STA. 62+50.00 TO STA. 62+83.10

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	113
			CONTRACT NO. 66D19	

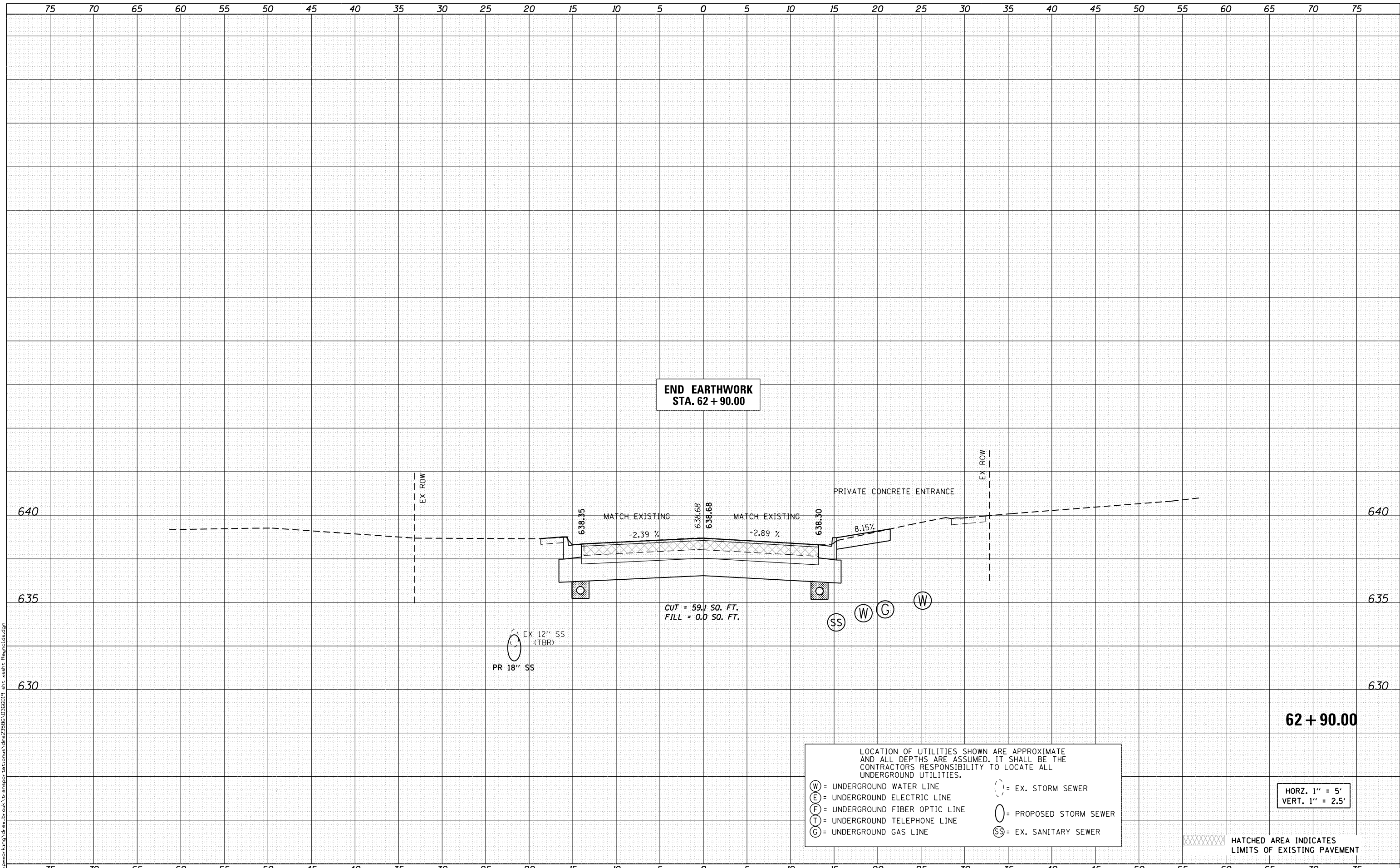
ILLINOIS FED. AID PROJECT



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

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

FILE NAME = c:\pwworking\draw\brook\transport\to\lcmus\dm\23985\0365019-ah\ssht-9\reynold.dgn



**END EARTHWORK  
STA. 62 + 90.00**

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(-) = EX. STORM SEWER  
(O) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'



USER NAME = drew.brook	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JCM	REVISED -
PLOT DATE = 10/29/2015	DATE - 10/29/2015	REVISED -

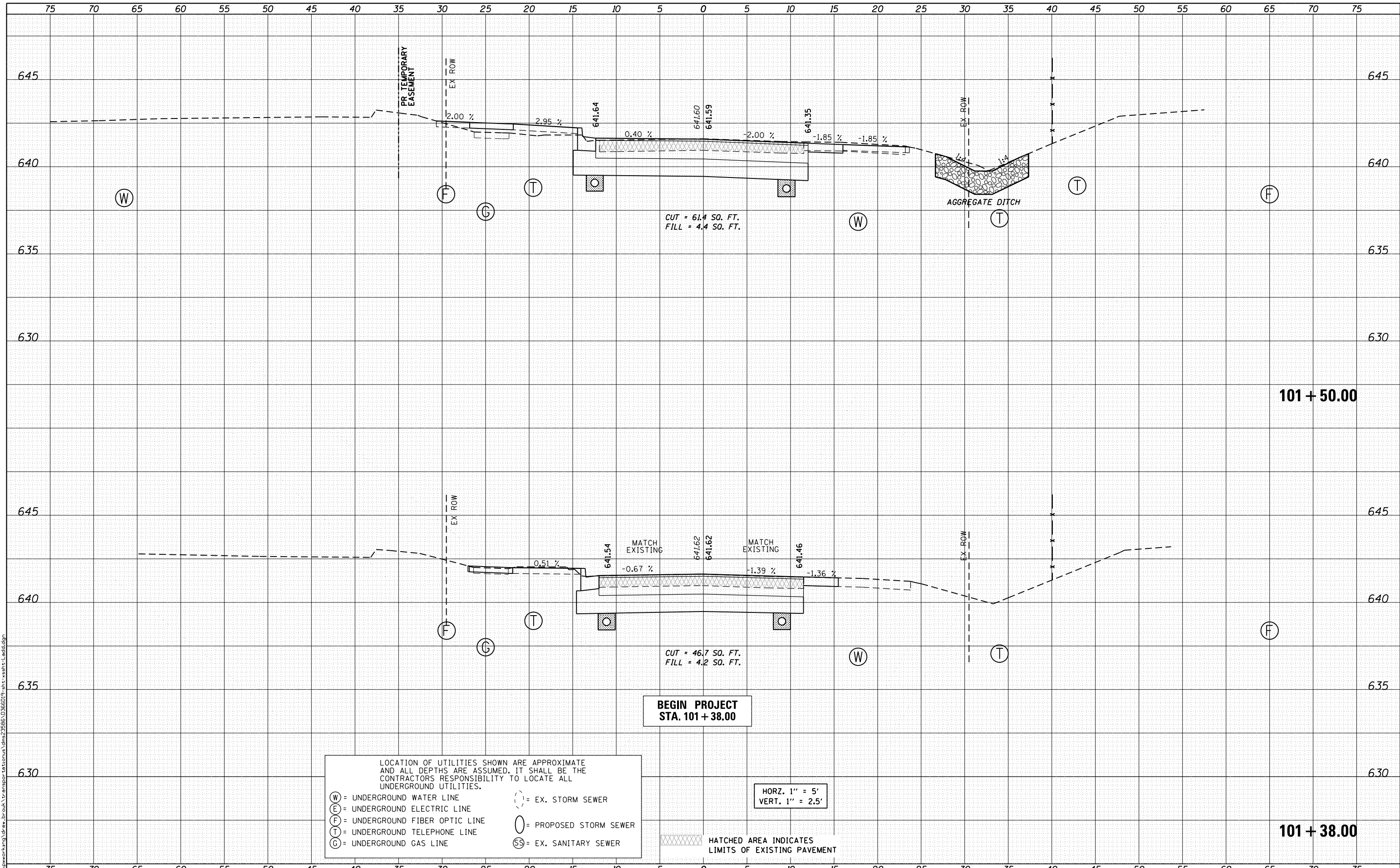
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS REYNOLDS STREET</b>	
SCALE: 1" = 5'	SHEET 16 OF 16 SHEETS
STA. 62+90.00	TO STA. 62+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	114
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	

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

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



BEGIN PROJECT  
STA. 101 + 38.00

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE  
( ) = EX. STORM SEWER  
( ) = PROPOSED STORM SEWER  
(SS) = EX. SANITARY SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk  
DESIGNED - MTL  
DRAWN - DAB  
CHECKED - JCM  
DATE - 10/29/2015

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
LADD STREET

SCALE: 1" = 5' SHEET 1 OF 6 SHEETS STA. 101+38.00 TO STA.101+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	115
				CONTRACT NO. 66D19

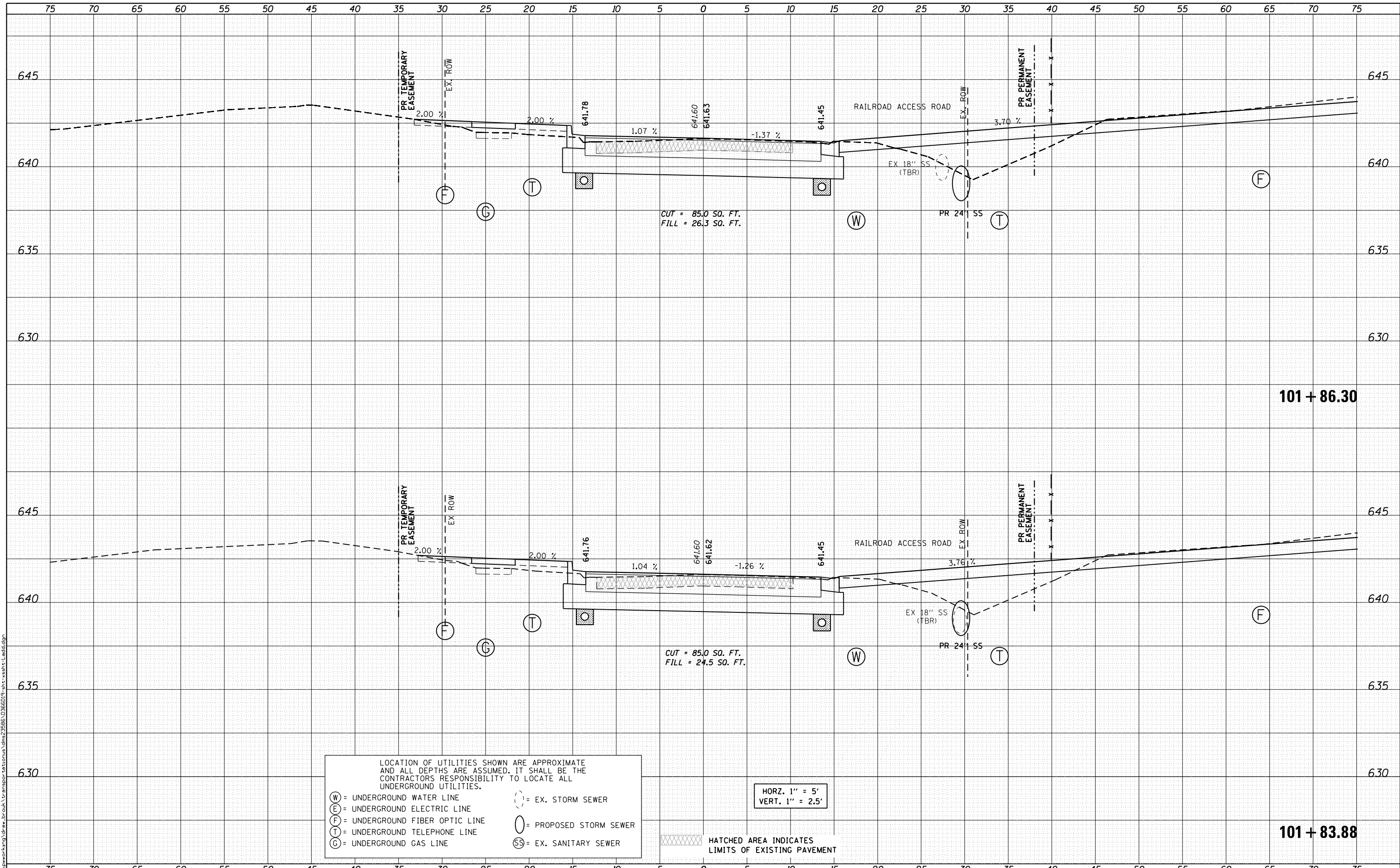
ILLINOIS FED. AID PROJECT



DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\mg\drew\_brouk\transport\lcomus\l38651\3865109-ah-ssht-1.dwg



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (S) = EX. STORM SEWER  
 (P) = PROPOSED STORM SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew\_brouk  
 DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
LADD STREET

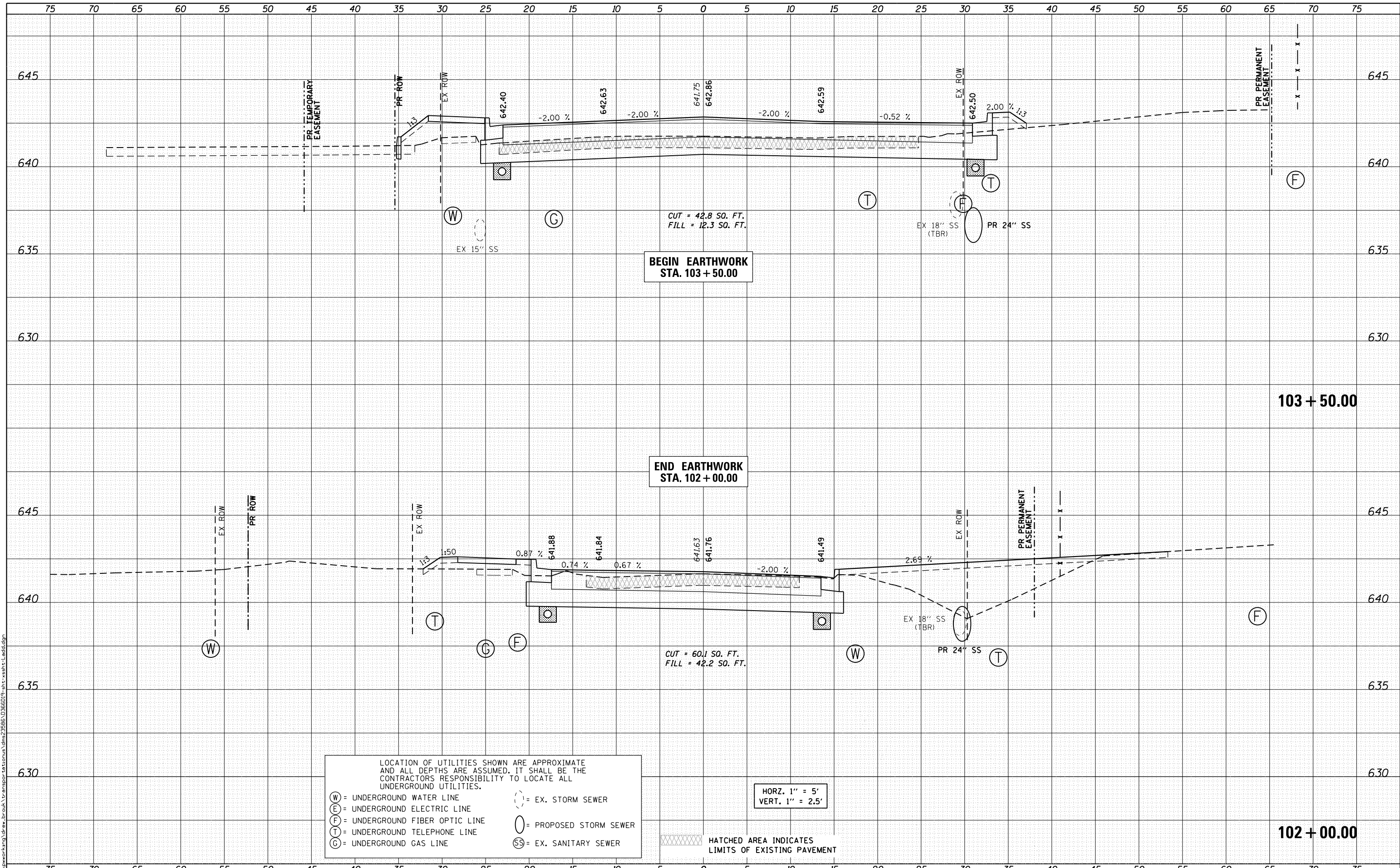
SCALE: 1" = 5' SHEET 2 OF 6 SHEETS STA. 101+83.88 TO STA. 101+86.30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	116
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = c:\work\mg\draw\brook\transport\ladd\ladd.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 ( ) = EX. STORM SEWER  
 ( ) = PROPOSED STORM SEWER

HORZ. 1" = 5'  
 VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew.brouk  
 DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISD -  
 REVISD -  
 REVISD -  
 REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 LADD STREET

SCALE: 1" = 5' SHEET 3 OF 6 SHEETS STA. 102+00.00 TO STA. 103+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	117
CONTRACT NO. 66D19			ILLINOIS FED. AID PROJECT	

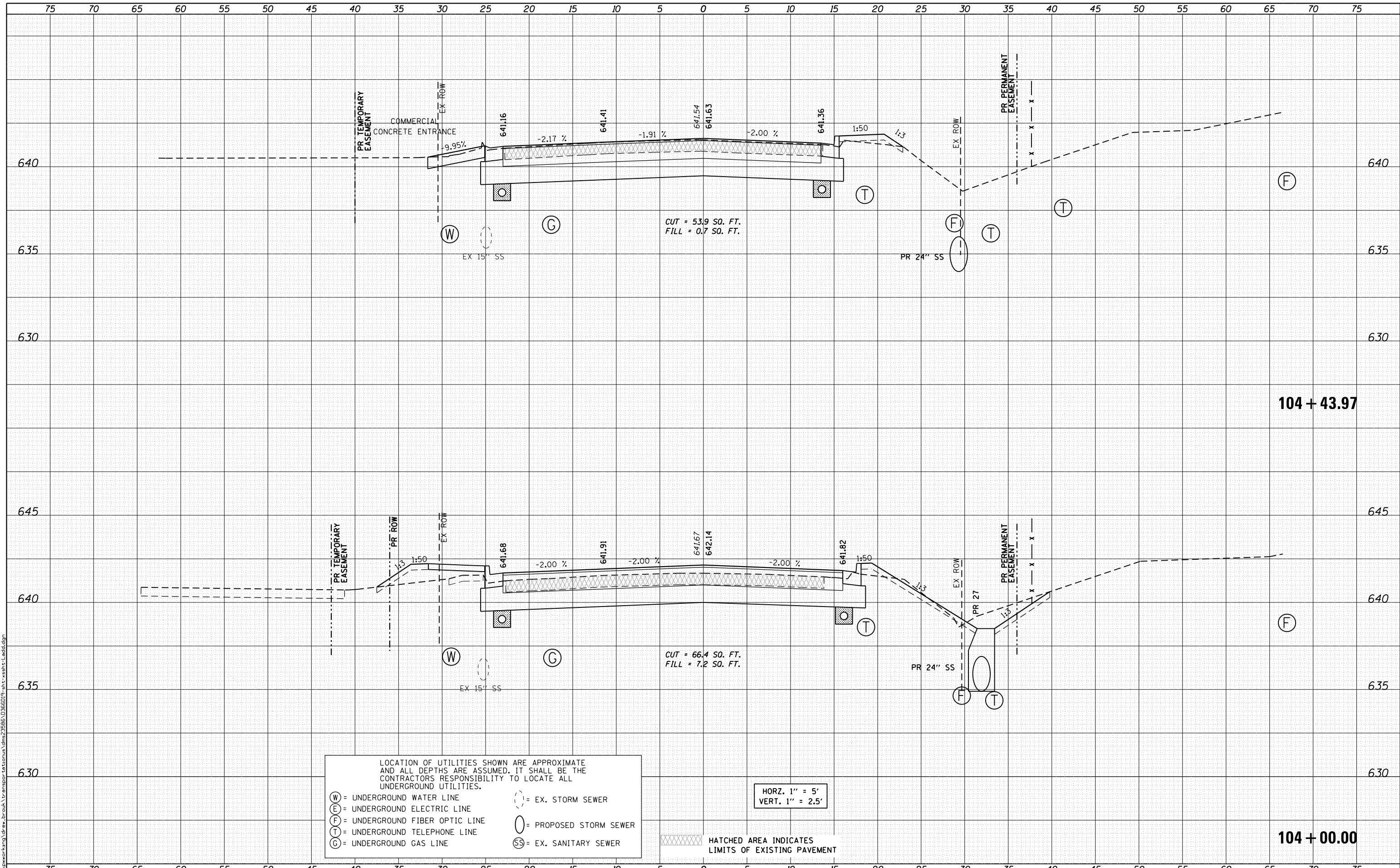




DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\mg\drew\_brouk\transport\ladd\ladd.dgn



CUT = 53.9 SQ. FT.  
FILL = 0.7 SQ. FT.

CUT = 66.4 SQ. FT.  
FILL = 7.2 SQ. FT.

LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 ( ) = EX. STORM SEWER  
 ( ) = PROPOSED STORM SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew_brouk
DESIGNED - MTL
DRAWN - DAB
CHECKED - JCM
DATE - 10/29/2015
PLOT SCALE = 10.0000 "/>

DESIGNED - MTL
DRAWN - DAB
CHECKED - JCM
DATE - 10/29/2015
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
LADD STREET

SCALE: 1" = 5' SHEET 5 OF 6 SHEETS STA. 104+00.00 TO STA. 104+43.97

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSR 2014-002	LIVINGSTON	124	119
				CONTRACT NO. 66D19

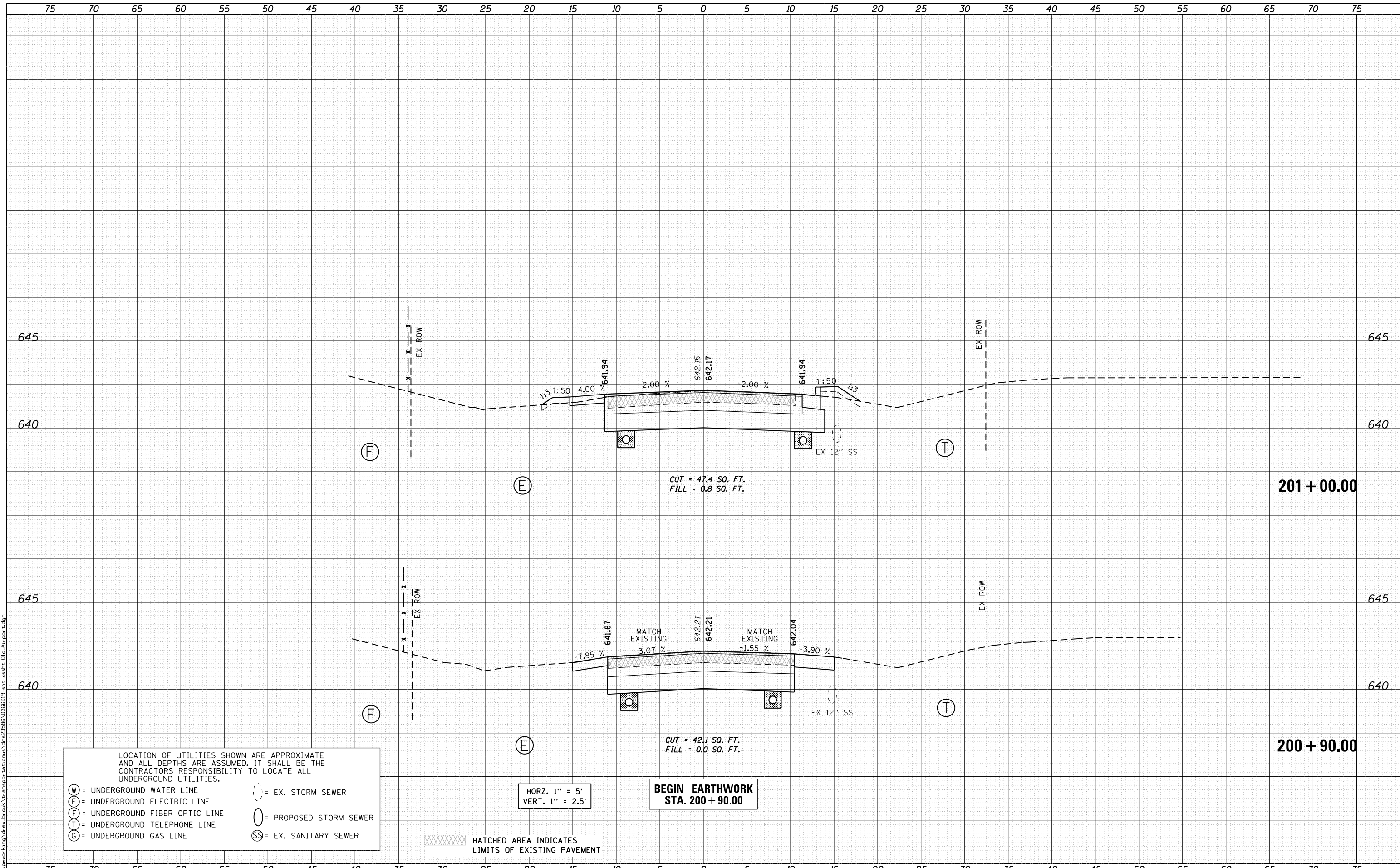
ILLINOIS FED. AID PROJECT



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

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

FILE NAME = c:\pwworking\draw\_brouk\transport\to\comu\dm\23985\0365019-ah-xxsh-t-01d-Airport.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
(E) = UNDERGROUND ELECTRIC LINE  
(F) = UNDERGROUND FIBER OPTIC LINE  
(T) = UNDERGROUND TELEPHONE LINE  
(G) = UNDERGROUND GAS LINE

(S) = EX. STORM SEWER  
(SS) = EX. SANITARY SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

BEGIN EARTHWORK  
STA. 200 + 90.00

HATCHED AREA INDICATES  
LIMITS OF EXISTING PAVEMENT



USER NAME = draw_brouk	DESIGNED - MTL	REVISED -
	DRAWN - DAB	REVISED -
PLOT SCALE = 10.0000 "/>		

CHECKED - JCM	REVISED -
DATE - 10/29/2015	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 5'		SHEET 1 OF 4 SHEETS		STA. 200+90.00 TO STA. 201+00.00	
----------------	--	---------------------	--	----------------------------------	--

CROSS SECTIONS  
OLD AIRPORT ROAD

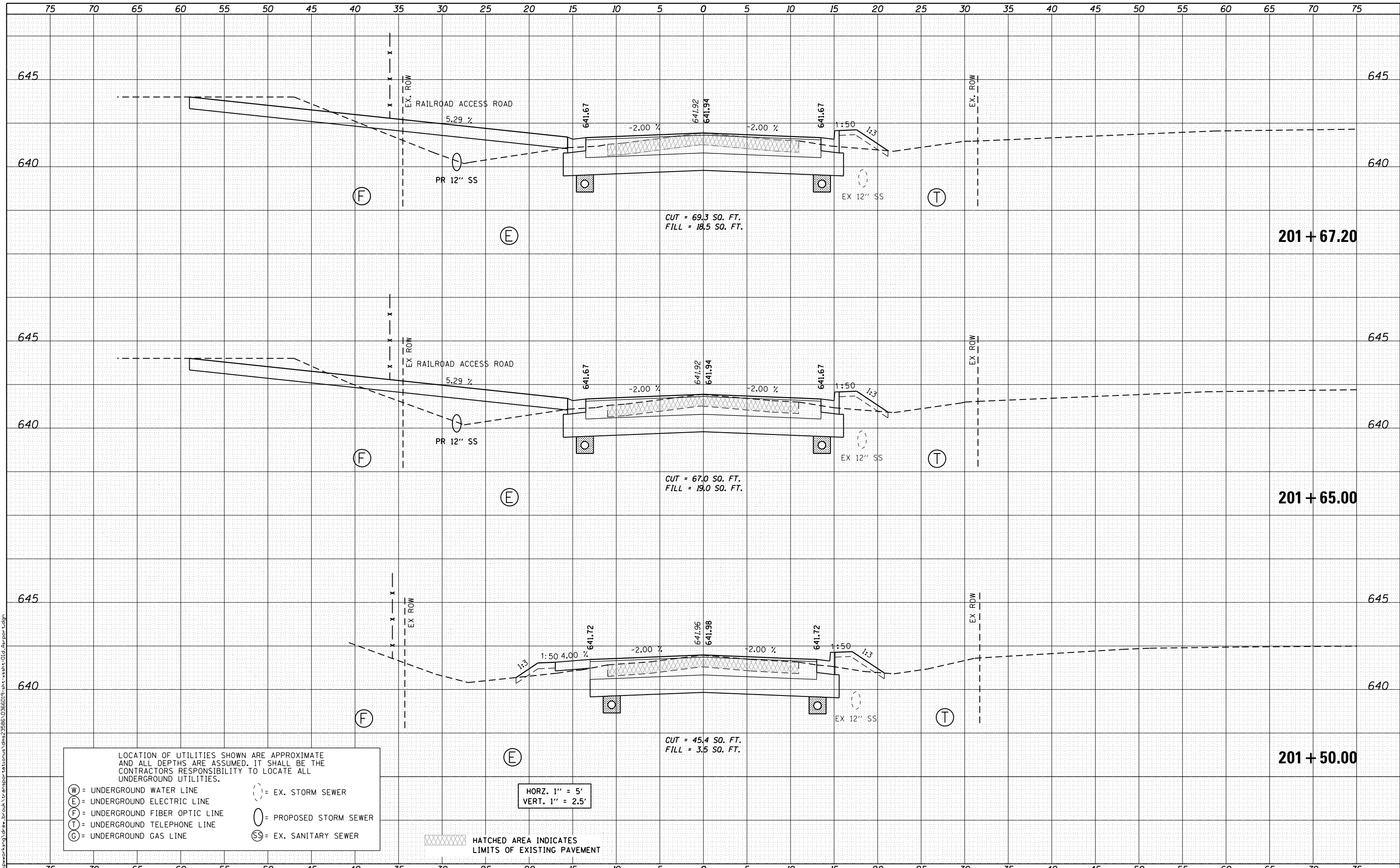
F.A.U. RTE. 6312	SECTION D3 HSRR 2014-002	COUNTY LIVINGSTON	TOTAL SHEETS 124	SHEET NO. 121
			CONTRACT NO. 66D19	
ILLINOIS FED. AID PROJECT				



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

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

FILE NAME = c:\pwworking\dwg\draw\_brouk\transport\to\comu\dm\23985\0365019-ah-ssht-01d-Airport.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (---) = EX. STORM SEWER  
 (O) = PROPOSED STORM SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew\_brouk  
 PLOT SCALE = 10.0000 "/>

DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

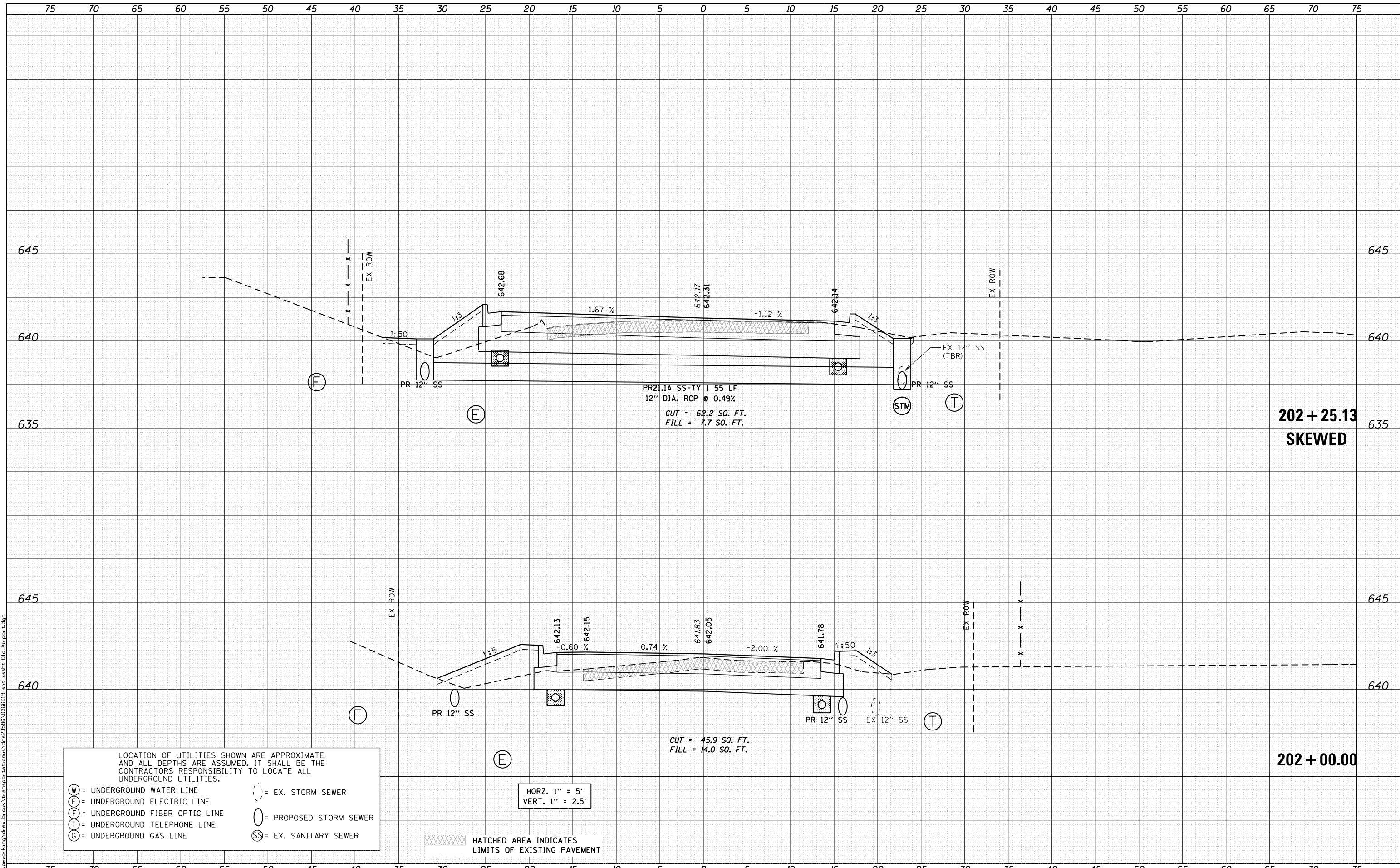
CROSS SECTIONS  
OLD AIRPORT ROAD  
 SCALE: 1" = 5' SHEET 2 OF 4 SHEETS STA. 201+50.00 TO STA. 201+67.20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	122
				CONTRACT NO. 66D19
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = c:\pwworking\draw\_brouk\transport\to\comu\dm\23985\0285019-ah-ssht-01d-Airport.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (O) = PROPOSED STORM SEWER  
 (S) = EX. STORM SEWER

HORZ. 1" = 5'  
VERT. 1" = 2.5'

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT



USER NAME = drew\_brouk  
 DESIGNED - MTL  
 DRAWN - DAB  
 CHECKED - JCM  
 DATE - 10/29/2015

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
OLD AIRPORT ROAD  
SCALE: 1" = 5' SHEET 3 OF 4 SHEETS STA. 202+00.00 TO STA. 202+25.13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	123
				CONTRACT NO. 66D19

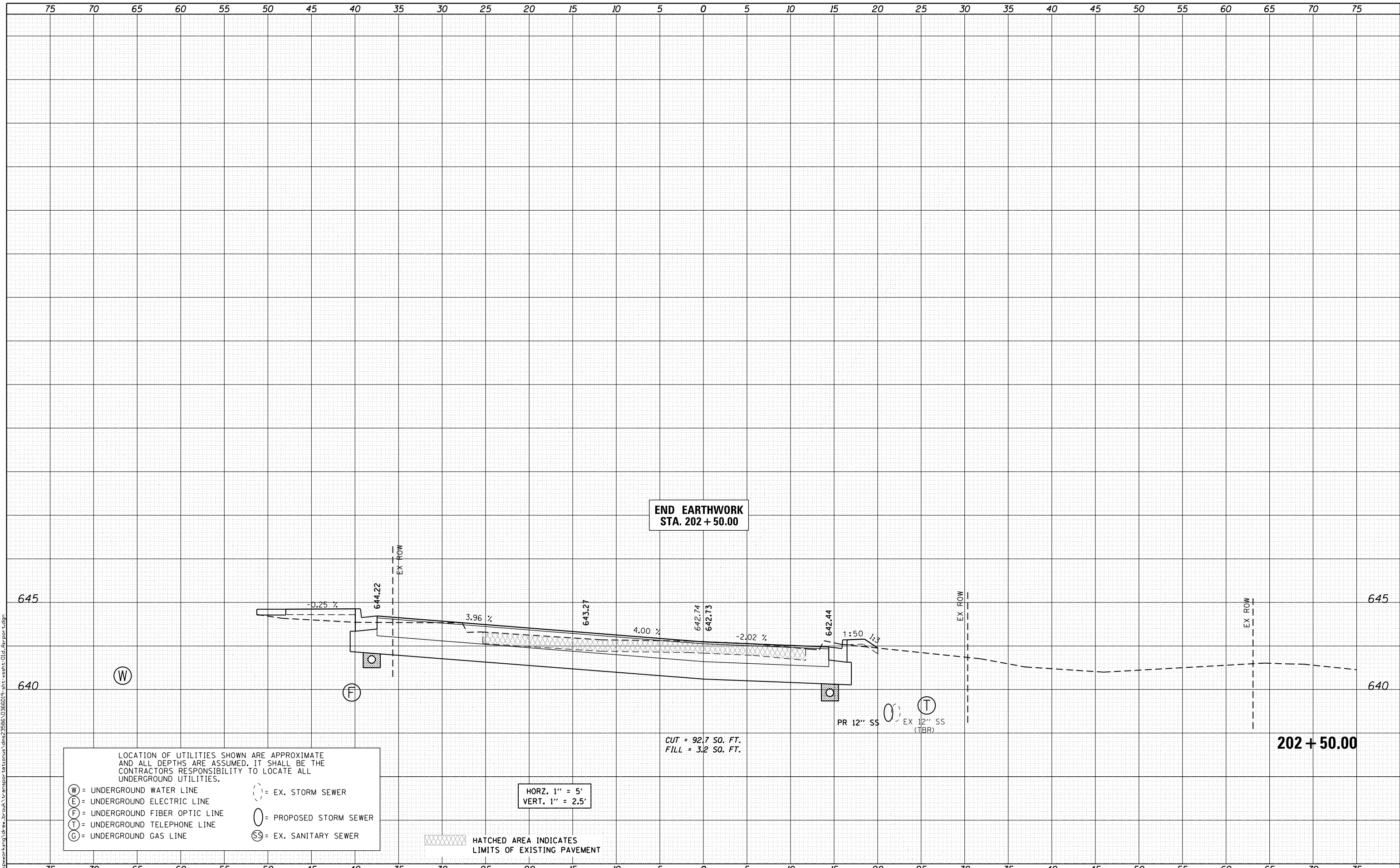
ILLINOIS FED. AID PROJECT



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

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

FILE NAME = c:\pwworking\draw\_brouk\transport\10285019-ahh-xssht-01d-Airport.dgn



LOCATION OF UTILITIES SHOWN ARE APPROXIMATE AND ALL DEPTHS ARE ASSUMED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES.

(W) = UNDERGROUND WATER LINE  
 (E) = UNDERGROUND ELECTRIC LINE  
 (F) = UNDERGROUND FIBER OPTIC LINE  
 (T) = UNDERGROUND TELEPHONE LINE  
 (G) = UNDERGROUND GAS LINE  
 (SS) = EX. SANITARY SEWER  
 (---) = EX. STORM SEWER  
 (O) = PROPOSED STORM SEWER

HATCHED AREA INDICATES LIMITS OF EXISTING PAVEMENT

HORZ. 1" = 5'  
VERT. 1" = 2.5'

END EARTHWORK  
STA. 202 + 50.00

CUT = 92.7 SQ. FT.  
FILL = 3.2 SQ. FT.



USER NAME = drew\_brouk  
DESIGNED - MTL  
DRAWN - DAB  
PLOT SCALE = 10.0000' / in.  
PLOT DATE = 10/29/2015

CHECKED - JCM  
DATE - 10/29/2015

REVISIED -  
REVISIED -  
REVISIED -  
REVISIED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
OLD AIRPORT ROAD  
SCALE: 1" = 5' SHEET 4 OF 4 SHEETS STA. 202+50.00 TO STA. 202+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6312	D3 HSRR 2014-002	LIVINGSTON	124	124
CONTRACT NO. 66D19				

ILLINOIS FED. AID PROJECT