

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 61E96		

06-14-2019 LETTING ITEM 249

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FAU RTE 2667 (CHURCH ROAD)  
GROVE AVENUE TO IL ROUTE 19 (IRVING PARK ROAD)  
BIKE/PED PATH  
SECTION 16-00095-00-BT  
PROJECT NO. IT8C(467)  
VILLAGE OF BENSENVILLE  
DUPAGE COUNTY  
JOB NO. C-91-174-18

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR INDEX OF HIGHWAY STANDARDS,  
SEE SHEET NO. 2



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Approved June 8, 2018  
*Joseph M. Caracci*  
Village of Bensenville, Director of Public Works

Passed JULY 23, 2018  
*Christopher Holt*  
District One Engineer of Local Roads & Streets

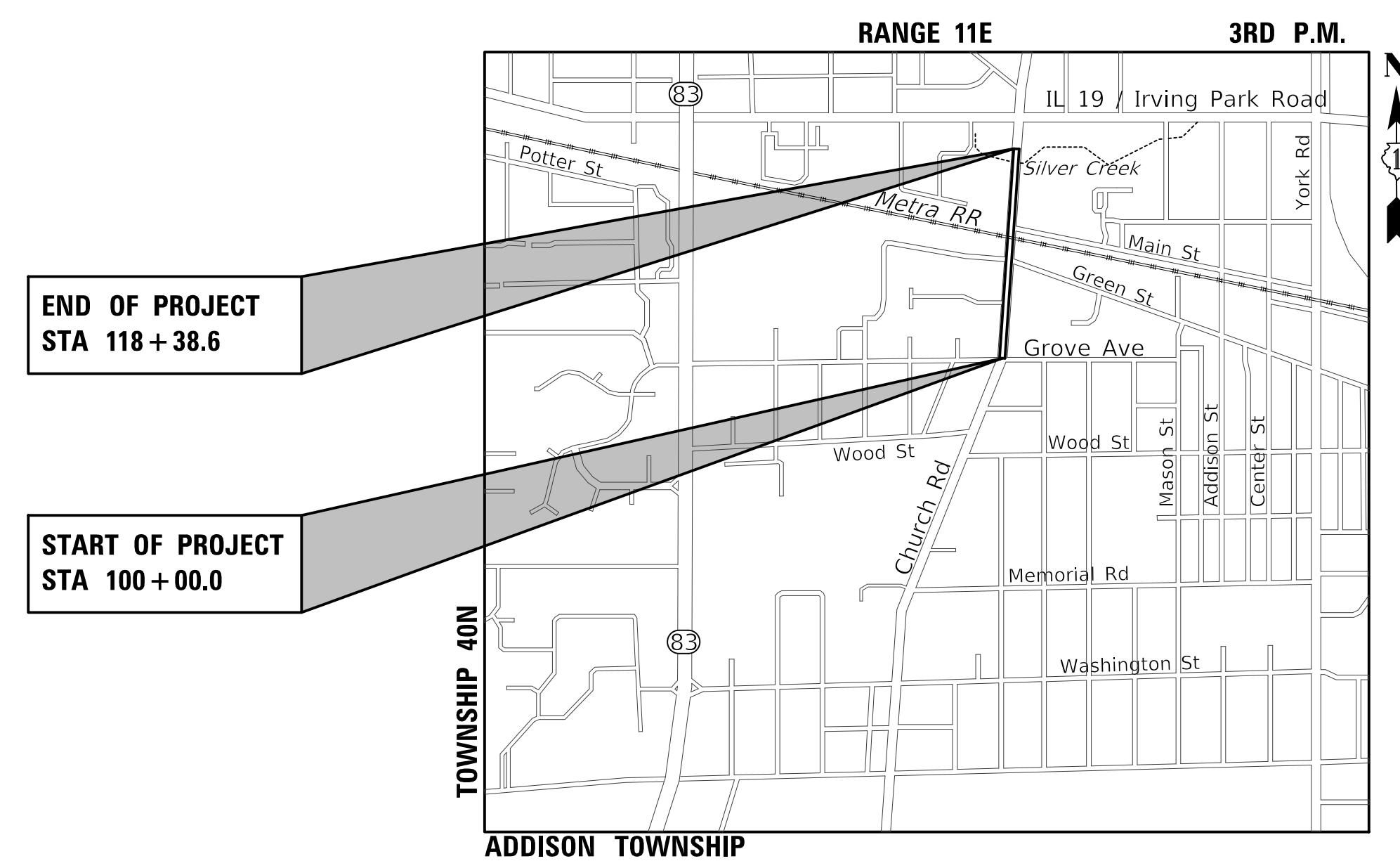
Releasing for Bid  
Based on Limited  
Review July 23, 2018  
*Anthony J. Quigley (R)*  
Regional Engineer

APPLIES TO SHEETS 1 - 34  
42 - 63

*Kristin R. Kaitowich*  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2019

APPLIES TO SHEETS 35 - 41

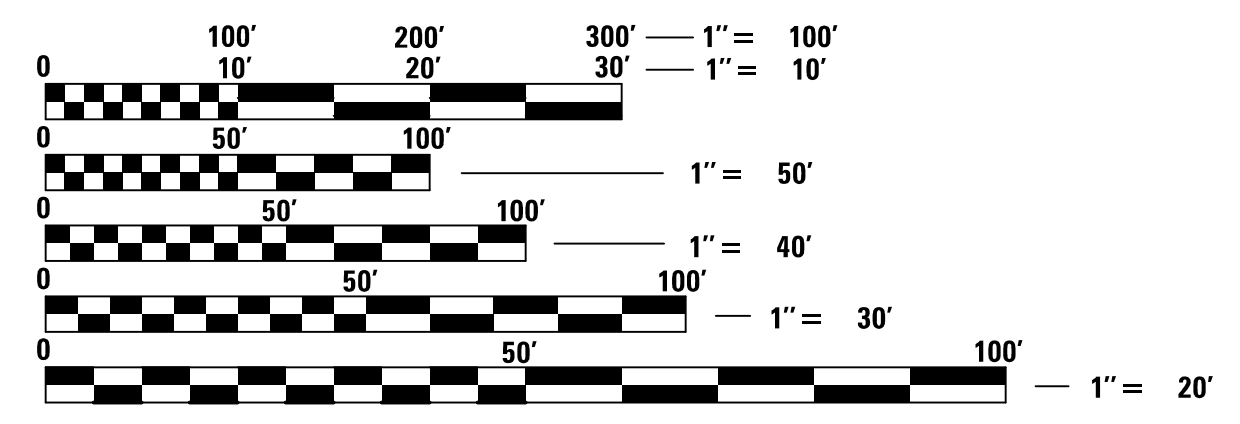
*Gregory A. Matlack*  
REGISTERED S.E., STATE OF ILLINOIS EXPIRES 11/30/2019



LOCATION MAP  
NOT TO SCALE

**PROJECT LENGTH:**  
GROSS AND NET LENGTH - 1,838.6 FT (0.348 MILES)

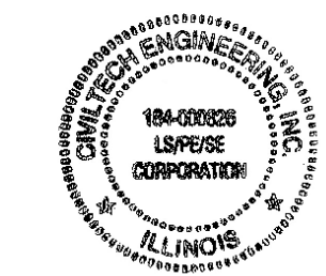
DESIGN DESIGNATION = MAJOR URBAN COLLECTOR  
POSTED SPEED = 25 MPH  
CHURCH ROAD - 2012 ADT = 10,800 VPD



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

CONTRACT NO. 61E96



PLANS PREPARED BY:  
**CIVILTECH**  
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143  
Tel: 630.773.3900 - Fax: 630.773.3975  
www.civiltechinc.com

FEDERAL AID PROGRAM DESIGN ENGINEER: CARMEN E. RAMOS, P.E. 847-705-4215 SCHAUMBURG, IL

## GENERAL

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST I.D.O.T. STANDARD.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- THE THICKNESSES OF HMA MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE COURSE UPON WHICH THE HMA MATERIALS ARE PLACED.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER, THE VILLAGE OF BENSENVILLE (630) 350-3435, UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS, AND SHALL SUBMIT A TRAFFIC CONTROL AUTHORIZATION REQUEST TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK. SEE SHEET 3 FOR CONTACT INFORMATION.
- THE CONTRACTOR SHALL LIMIT ALL DROP-OFFS BETWEEN LANES TO 2" DURING ALL OVERNIGHT PERIODS.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET TO THE SATISFACTION OF THE ENGINEER.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED/SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.
- IN ADDITION TO THE REQUIREMENTS OF THE SPECIAL PROVISION FOR CONSTRUCTION LAYOUT STAKES (ILLINOIS DEPARTMENT OF TRANSPORTATION CHECK SHEET #10), THE CONTRACTOR SHALL REESTABLISH, MONUMENT, AND TIE ALL CONTROL POINTS USED TO COMPLETE THE WORK AS SPECIFIED INCLUDING ALL PI'S, PC'S, PT'S, AND POT'S AFTER FINAL PAVING. THE TYPE OF MONUMENTATION USED WILL BE PK NAILS, IRON PIPES, RR SPIKES OR AS APPROVED BY THE ENGINEER.
- WHEN REMOVING CURB AND GUTTER, PAVEMENT, OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE PRECAUTIONS NECESSARY TO AVOID DAMAGE TO UNDERGROUND PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.
- CONCRETE TRUCK WASHOUT FACILITY SHOULD BE PROVIDED IN THE FIELD BY THE CONTRACTOR AT A LOCATION OR LOCATIONS APPROVED BY THE ENGINEER IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS. WASHING CONCRETE TRUCKS AT CURB AND GUTTER IS STRICTLY PROHIBITED.
- TEMPORARY RAMPS SHALL BE CONSTRUCTED PER SECTION 406 OF THE "STANDARD SPECIFICATIONS" AT THE DIRECTION OF THE ENGINEER BETWEEN BINDER AND SURFACE COURSES AS NECESSARY.
- CURB AND GUTTER JOINTS SHALL BE PLACED AS PER STANDARD 606001 AND IN ADDITION ONE INCH EXPANSION JOINTS SHALL BE PLACED EVERY 150 FT.
- THOSE SEEKING THE FULL GEOTECHNICAL REPORT SHOULD CONTACT THE OWNER OF RECORD. CONTACT THE VILLAGE OF BENSENVILLE ENGINEER, MEHUL PATEL, AT 630.594.1196 TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION.

## STORM SEWERS, STRUCTURES, AND UTILITIES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND APPLICABLE ARTICLES INCLUDED IN THE "STANDARD SPECIFICATIONS" INCLUDING, BUT NOT LIMITED TO, ARTICLES 105.07 AND 107.31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATION OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES, UNLESS INDICATED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER. COMMON BRICK WILL NOT BE ALLOWED. ALL TYPE 8 GRATES ON RESTRICTED DEPTH DRAINAGE STRUCTURES SHALL BE ADJUSTED TO PLAN GRADE WITH 4" MINIMUM CONCRETE ADJUSTMENT RINGS.
- ALL STRUCTURES DESIGNATED TO BE ADJUSTED, SPECIAL ADJUSTED, OR RECONSTRUCTED SHALL HAVE NEW FRAMES, LIDS, AND GRATES PROVIDED AT THE DIRECTION OF THE ENGINEER.
- 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 FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR STRUCTURES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE.

## INDEX OF SHEETS

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## IDOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSING
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602406-10	PRECAST MANHOLE TYPE A 6' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604056-04	FRAME AND GRATE TYPE 11V
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A&B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

## VILLAGE OF BENSENVILLE CONSTRUCTION DETAILS

GENERAL MAIL BOX  
 SANITARY FRAME AND LID STANDARD  
 STORM FRAME AND LID STANDARD (CLOSED)  
 FRAME AND CLOSE LID WATER STANDARD

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	PI. OF WAY CHECKED	
	BY	
	NO.	
	STADY FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHKD	



Two Pierce Place, Suite 1400  
 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

DESIGNED - JRR  
 DRAWN - TFS  
 CHECKED - KRK  
 DATE - 2/21/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### INDEX OF SHEETS AND LIST OF STATE AND LOCAL STANDARDS

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	2
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

## DRIVEWAYS AND ENTRANCES

23. THE STATIONS NOTED FOR DRIVEWAYS REFER TO THE POSITION OF THE CENTER OF THE DRIVEWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF EACH DRIVEWAY BASED UPON IDOT DISTRICT 1 DRIVEWAY DETAIL STANDARDS.
24. ALL DRIVEWAYS SHALL BE REPLACED TO THE SIDEWALK/R.O.W. LINE UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

## SIGNING, STRIPING, AND LANDSCAPING

25. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
  - A) SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
  - B) EVERY SIGN TO BE RELOCATED MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
  - C) ALL SIGNS TO BE RELOCATED SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.
  - D) ALL UNUSED SIGNS SHALL BE RETURNED TO THEIR OWNER (VILLAGE OF BENSENVILLE).
  - E) LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
26. ALL EXISTING SIGNS SHALL CONFORM TO THE CURRENT EDITION OF "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS." THOSE EXISTING SIGNS THAT DO NOT CONFORM SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
27. ITEMS UNDER THE GENERAL HEADING OF "THERMOPLASTIC PAVEMENT MARKING" PROVIDE FOR ONE APPLICATION.
28. THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN, INCLUDING CONCRETE TRUCK WASHOUT FACILITIES. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR.
29. PER THE ILLINOIS LAWN CARE PRODUCTS APPLICATION NOTICE ACT 096-1005, PHOSPHORUS FERTILIZER NUTRIENT SHALL NOT BE USED.
30. NO FERTILIZER SHALL BE APPLIED TO SEEDING, CLASS 4A AREAS.

## RAILROAD COORDINATION

31. A LICENSE AGREEMENT/CROSSING IMPROVEMENT AGREEMENT HAS BEEN APPROVED BETWEEN THE VILLAGE OF BENSENVILLE AND METRA FOR THE CONSTRUCTION OF THE BIKE PATH. A COPY OF THE AGREEMENT IS INCLUDED IN THE SPECIAL PROVISIONS.
32. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH METRA RAILROAD (THE COMMUTER RAIL DIVISION OF THE REGIONAL TRANSPORTATION AUTHORITY) WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE METRA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID ACCORDING TO ARTICLE 107.12 AND REIMBURSED ACCORDING TO ARTICLE 109.05. THE CONTRACTOR MUST CONTACT MILWAUKEE DISTRICT DIRECTOR OF ENGINEERING, AT (312) 322-4101 AT LEAST 72 HOURS PRIOR TO WORK START UP TO ARRANGE FOR RAILROAD FLAGGING, PROTECTION, ETC.

## SURVEY

33. ELEVATIONS ARE BASED ON THE FOUND DU PAGE COUNTY BENCHMARK 0142. THIS IS A MONUMENT OF A 3.5 INCH BRASS DISK ON THE SOUTHEAST CORNER OF A TRAFFIC SIGNAL IN THE NORTH CORNER OF THE INTERSECTION OF GRAND AVENUE TO THE NORTH AND OAK LAWN AVENUE TO THE SOUTHEAST.

THE PUBLISHED ELEVATION IS 699.09 FT SET ON THE VERTICAL DATUM OF NAVD 88.

CONTROL POINT TABLE						
CP#	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET	LOCATION
508	1926480.567	1088619.099	"x" cut on top of curb			SW quad of Grove St and Church Rd
509	1927607.581	1088748.055	"x" cut on top of curb	110+59.63	50.83' RT	Church Rd
510	1928319.336	1088745.022	"x" cut on sidewalk	117+69.81	2.71' RT	Church Rd

BENCHMARK TABLE							
BM#	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET	LOCATION	Elevation
1	1928245.931	1088794.516	Arrow bolt on FH	116+95.92	48.76' RT	East side of Church Rd, 1st FH south of IL 19	668.55
2	1927954.089	1088774.388	"x" cut on FH bolt	114+08.85	48.68' RT	East side of Church Rd, 2nd FH south of IL 19	667.82
3	1927544.169	1088742.743	NW Bolt on RR signal	109+95.99	50.79' RT	East side of Church Rd, south of RR tracks	676.40
4	1927343.283	1088685.070	Arrow bolt on FH	107+90.88	6.58' RT	SW corner of Church Rd and Green St	674.14

34. BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83 EAST 1201. GRID COORDINATES ARE SHOWN.

## COMMITMENTS

35. PERIMETER EROSION CONTROL AND HIGH VISIBILITY FENCE SHALL BE ESTABLISHED AROUND THE WETLANDS LOCATED WITHIN THE GREENBELT FOREST PRESERVE FOR PROTECTION.

## POINTS OF CONTACT

**VILLAGE OF BENSENVILLE**  
 JOSEPH CARACCI,  
 DIRECTOR OF PUBLIC WORKS  
 717 E. JEFFERSON ST.  
 BENSENVILLE, IL 60106  
 jcaracci@bensenville.il.us  
 (630) 350-3435

**METRA**  
 DON WHISTLER  
 RIGHT OF WAY ADMINISTRATOR  
 547 WEST JACKSON BOULEVARD  
 CHICAGO, IL 60661  
 dwhistler@metrarr.com  
 (312) 322-8016

**COMCAST**  
 THOMAS MUNAR  
 RIGHT-OF-WAY ENGINEER  
 688 INDUSTRIAL DRIVE  
 ELMHURST, IL 60126  
 Thomas\_Munar@comcast.com  
 (630) 600-6316

**VILLAGE OF BENSENVILLE**  
 MEHUL PATEL,  
 ASST. DIRECTOR OF PUBLIC WORKS  
 717 E. JEFFERSON ST.  
 BENSENVILLE, IL 60106  
 MPatel@bensenville.il.us  
 (630) 594-1196

**COMMONWEALTH EDISON COMPANY**  
 CHRISTIAN MUKANIA  
 COMED PUBLIC RELOCATION DEPT.  
 ONE LINCOLN CENTRE, SUITE 600  
 OAKBROOK TERRACE, IL 60181  
 Christian.Mukania@exeloncorp.com  
 (339) 440-6254

**AT&T DISTRIBUTION**  
 TIM GERDES  
 1000 COMMERCE DRIVE, FLOOR 2  
 OAK BROOK, IL 60523  
 tg7394@att.com  
 (630) 573-5660

**BENSENVILLE SCHOOL DISTRICT #2**  
 210 S. CHURCH ROAD  
 BENSENVILLE, IL 60106  
 (630) 766-5940

**NICOR GAS**  
 BRUCE KOPPANG  
 DOT LIAISON  
 1844 FERRY ROAD  
 NAPERVILLE, IL 60563  
 BKoppan@southernco.com  
 (630) 388-3046

**AT&T / T-TCC**  
 BOBBY AKHTER  
 4513 WESTERN AVENUE  
 LISLE, IL 60532  
 ba3817@att.com  
 (630) 719-1483

**VILLAGE OF BENSENVILLE**  
 POLICE DEPARTMENT  
 345 E. GREEN STREET  
 BENSENVILLE, IL 60106  
 (630) 350-3455

**LIGHTTOWER**  
 JOHN PYKA  
 MANAGER, CONSTRUCTION AND  
 FIBER ENGINEERING  
 350 N. ORLEANS STREET, SUITE 620  
 CHICAGO, IL 60654  
 john.pyka@crowncastle.com  
 (312) 955-2252

**VERIZON**  
 JOHN BACHELDER  
 OSP NATIONAL SUPPORT/  
 INVESTIGATIONS  
 2400 NORTH GLENVILLE  
 RICHARDSON, TX 75082  
 John.Bachelder@verizon.com  
 (972) 729-6322

**VILLAGE OF BENSENVILLE**  
 FIRE DEPARTMENT  
 500 S. YORK ROAD  
 BENSENVILLE, IL 60106  
 (630) 350-3441

PLAN	SURVEYED	DATE
NO. _____	BY _____	_____
NOTE BOOK	PLOTTED	
NO. _____	BY _____	
	PI. OF WAY CHECKED	
	BY _____	
	DATE	
	BY _____	
	DATE	

PROFILE	SURVEYED	DATE
NO. _____	BY _____	_____
NOTE BOOK	PLOTTED	
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	BY _____	
	DATE	
	BY _____	
	DATE	



Two Pierce Place, Suite 1400  
 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

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

### GENERAL NOTES

SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	3
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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NO.	

DATE	
BY	
REVISIONS	
PLANNED	
NOTES	
NO.	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	NON-PARTICIPATING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	68	68	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	298	298	
* 20101000	TEMPORARY FENCE	FOOT	580	580	
20101100	TREE TRUNK PROTECTION	EACH	12	12	
^ * 20101200	TREE ROOT PRUNING	EACH	12	12	
^ * 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2	2	
^ * 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10	10	
20200100	EARTH EXCAVATION	CU YD	198	198	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	289	289	
20400800	FURNISHED EXCAVATION	CU YD	369	369	
20800150	TRENCH BACKFILL	CU YD	38	38	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,694	1,694	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	428	428	
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	60	60	
^ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30	30	
^ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	30	30	
^ 25100630	EROSION CONTROL BLANKET	SQ YD	1,210	1,210	
^ 25200110	SODDING, SALT TOLERANT	SQ YD	2,144	2,144	
^ 25200200	SUPPLEMENTAL WATERING	UNIT	6	6	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	60	60	
28000400	PERIMETER EROSION BARRIER	FOOT	1,703	1,703	
28000510	INLET FILTERS	EACH	21	21	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2,517	2,517	
28100107	STONE RIPRAP, CLASS A4	SQ YD	35	35	
28200200	FILTER FABRIC	SQ YD	35	35	

^ DENOTES SPECIALTY ITEM  
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042  
 \* DENOTES SPECIAL PROVISION

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	NON-PARTICIPATING
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	55	55	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	753	753	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,490	1,490	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	174	174	
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,984	2,984	
* 42001300	PROTECTIVE COAT	SQ YD	890	890	
* 42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	216	216	
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	123	123	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,968	2,968	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	553	553	
42400800	DETECTABLE WARNINGS	SQ FT	153	153	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	216	216	
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	448	448	
44000600	SIDEWALK REMOVAL	SQ FT	9,716	9,716	
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	9	9	
50102400	CONCRETE REMOVAL	CU YD	10	10	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	15	15	
50500505	STUD SHEAR CONNECTORS	EACH	64.0	64.0	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,530	4,530	
^ 50901750	PARAPET RAILING	FOOT	74	74	
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	210	210	
52200150	DRIVING SOLDIER PILES	FOOT	210	210	
52200250	UNTREATED TIMBER LAGGING	SQ FT	271	271	
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	27	27	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	22	22	

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 DRAWN - TFS  
 CHECKED - KRK  
 DATE - 2/21/2019

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 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET NO. 1 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	4
CONTRACT NO. 61E96			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

DATE	BY	REVISIONS	PLANNING	CHECKED	DATE

DATE	BY	REVISIONS	PROFILE	CHECKED	DATE

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	NON-PARTICIPATING
54003000	CONCRETE BOX CULVERTS	CU YD	15	15	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	17.0	17.0	
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	21	21	
55100200	STORM SEWER REMOVAL 6"	FOOT	6	6	
55101400	STORM SEWER REMOVAL 30"	FOOT	20	20	
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	4	4	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	11	11	
60100915	PIPE DRAINS 6"	FOOT	83	83	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	4	4	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4	
60500050	REMOVING CATCH BASINS	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	64	64	
67100100	MOBILIZATION	LSUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180	180	
^ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2	
^ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
^ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2	
^ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
^ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	148	148	
^ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	192	192	
^ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40	

^ DENOTES SPECIALTY ITEM  
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042  
 \* DENOTES SPECIAL PROVISION

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	0028 ROADWAY	NON-PARTICIPATING
^ A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
^ A2008080	TREE, TILIA CORDATA GLENLIVEN (GLENLIVEN GREENSPIRE LINDEN), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
* ^ K0036118	MULCH PLACEMENT 3"	SQ YD	26	26	
* X0322584	REVTMENT MAT REMOVAL	SQ YD	100	100	
* X0325734	SLOTTED DRAIN REMOVAL	FOOT	20	20	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	127	127	
* X1700021	BRICK PAVER REMOVAL AND REINSTALLATION ,SPECIAL	SQ FT	14.00	14.00	
* X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100	
* X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.25	0.25	
* X3400004	RETAINING WALL REMOVAL	FOOT	66	66	
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	7	
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3	
* X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	769	769	
* X6024240	INLETS, SPECIAL	EACH	2	2	
* X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	9	9	
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
* XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	1		1
* XX006658	FLOCCULATION LOGS	EACH	40	40	
* XX006659	FLOCCULATION POWDER	POUND	10	10	
* XX006729	PERIMETER EROSION BARRIER, ROLLED EXCELSIOR	FOOT	200	200	
* XX006821	CONCRETE TRUCK WASHOUT	LSUM	1	1	
* XX009224	CLASS D PATCHES, SPECIAL	SQ YD	5	5	
* XX197300	SLOTTED DRAIN	FOOT	20	20	
* Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	61	61	

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET NO. 2 OF 3 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	5
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

PLAN	DATE	BY
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PROFILE	DATE	BY
REVISIONS		
NOTES		
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DATE		

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	00.28 ROADWAY	NON-PARTICIPATING
* Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
* Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	8	8	
* Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	1	
* Z0019598	DUST CONTROL, SPECIAL	GALLON	500	500	
* Z0022800	FENCE REMOVAL	FOOT	166	166	
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	178	178	
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1	
* Z0054400	ROCK FILL	CU YD	16	16	

- ^ DENOTES SPECIALTY ITEM
- ^ ^ DENOTES CONSTRUCTION TYPE CODE 0042
- \* DENOTES SPECIAL PROVISION

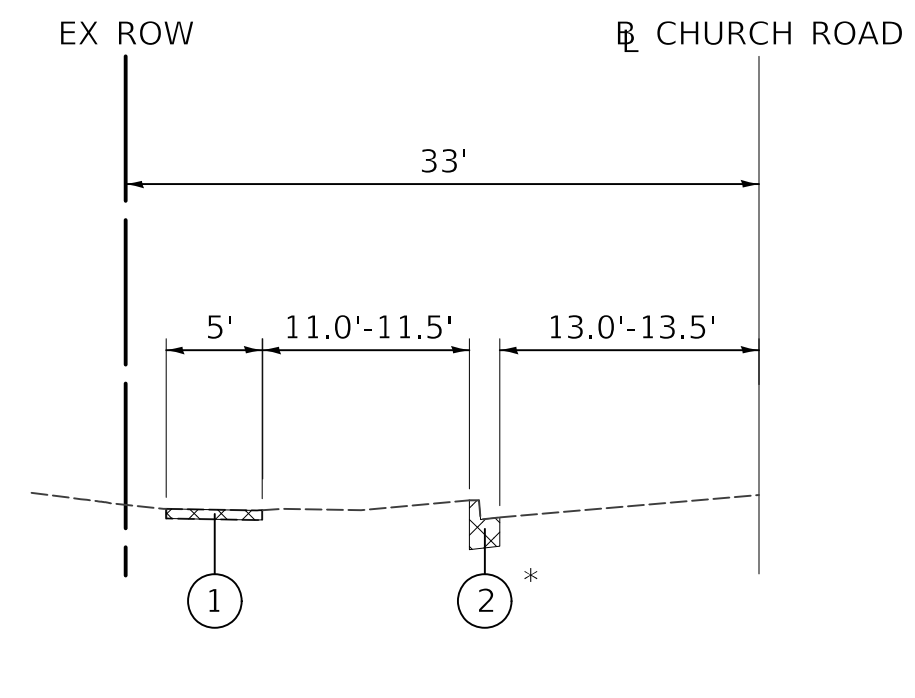
SUMMARY OF EARTHWORK QUANTITIES				
	EARTH EXCAVATION (20200100)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)	FURNISHED EXCAVATION (20400800)	AGGREGATE SUBGRADE IMPROVEMENT (30300001)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)
PROJECT SUBTOTAL (CU YD)	194	225	285	55
SHRINKAGE FACTOR ADJUSTMENT (15%)	-	-	x 1.15	-
PROJECT TOTAL (CU YD)	194	225	328	55

NOTE:

- ESTIMATE INCLUDES 8 INCHES OF TOPSOIL STRIPPING (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT. EXCESS MATERIALS THAT NEED REMOVED FROM SITE WILL ONLY BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL).
- ALL SUITABLE EXCAVATION MATERIAL SHALL BE USED IN THE CONSTRUCTION OF THE IMPROVEMENT.
- THE QUANTITIES OF FURNISHED EXCAVATION HAVE BEEN CALCULATED ASSUMING THAT ALL MATERIAL EXCAVATED UNDER THE PAY ITEM EARTH EXCAVATION WILL BE REMOVED FROM THE JOB SITE. IF THE CONTRACTOR EXCAVATES SUITABLE MATERIAL AND PLACES IT IN AREAS OF THE PROJECT REQUIRING EMBANKMENT UNDER THE PAY ITEM EARTH EXCAVATION, AS DESCRIBED IN SECTION 202 OF THE STANDARD SPECIFICATIONS AND AS APPROVED BY THE ENGINEER, THE APPLICABLE DEDUCTION TO THE FURNISHED EXCAVATION QUANTITY SHALL BE MADE AS DEFINED BY ARTICLE 204.07(B), EXCEPT THAT A SHRINKAGE FACTOR OF 15% SHALL BE USED. THE CONTRACTOR SHALL NOT BE ALLOWED A CHANGE IN THE UNIT PRICES FOR EARTH EXCAVATION OR FURNISHED EXCAVATION BASED ON THESE CHANGES TO THE QUANTITIES.
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND AGGREGATE SUBGRADE IMPROVEMENT ESTIMATES ASSUME UNDERCUT WILL BE REQUIRED AT THE FOLLOWING LOCATIONS: STA 114+00 TO 117+00 AT 8" FOR FULL WIDTH OF PROPOSED BIKE PATH.
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATIONS WILL BE DUE TO THE CONTRACTOR.

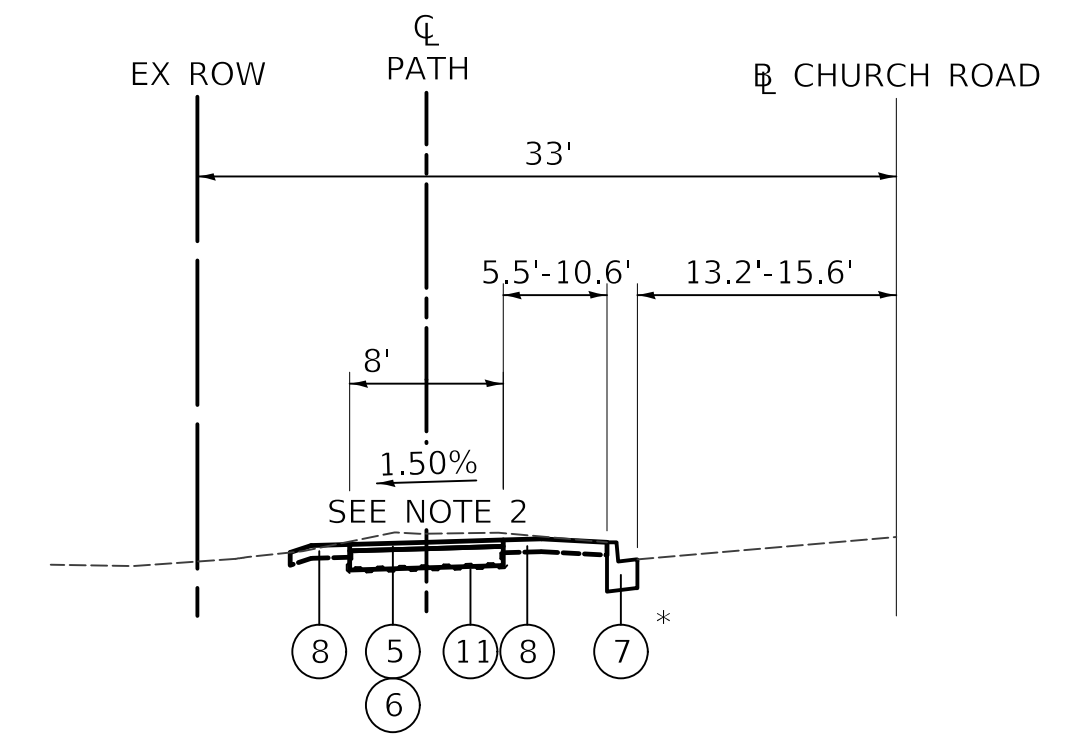
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	STRUCTURE NOTATIONS CHKD	



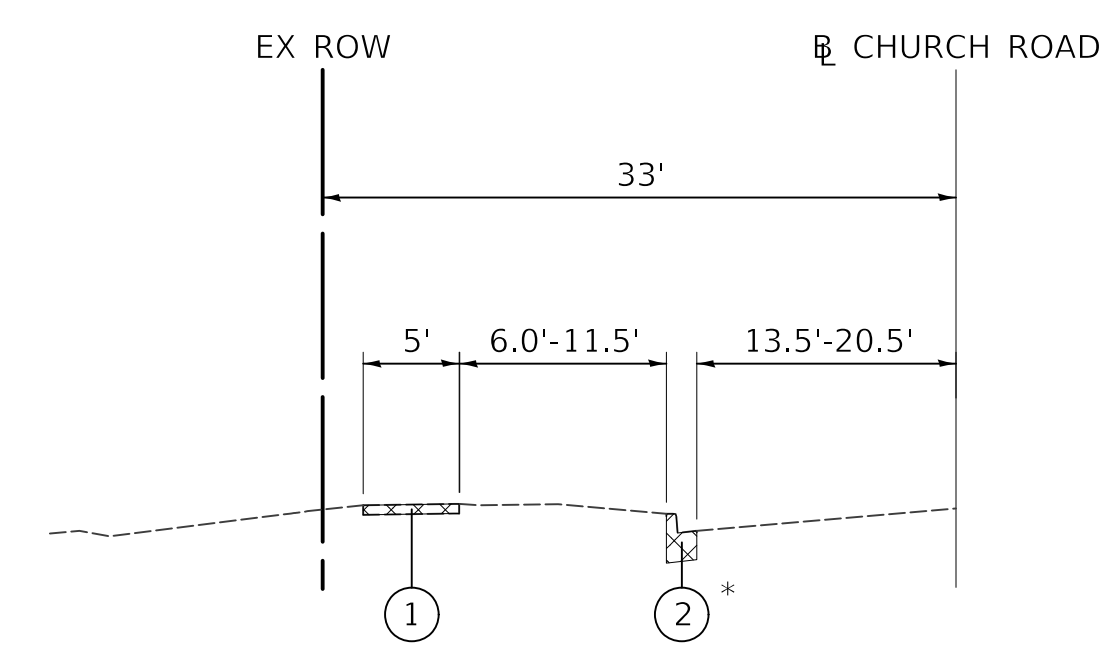
**EXISTING TYPICAL SECTION**  
STA. 100+00 TO STA. 104+50

\* SEE NOTE 1



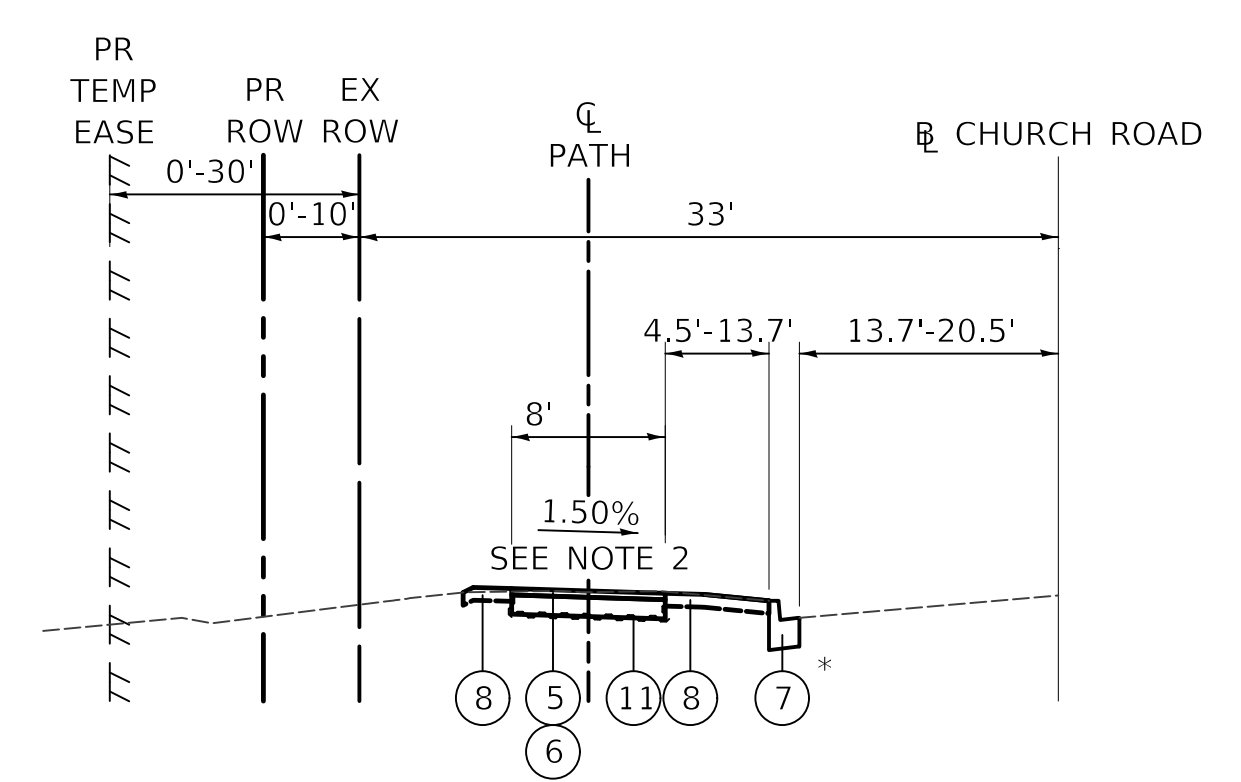
**PROPOSED TYPICAL SECTION**  
STA. 100+00 TO STA. 104+12  
STA. 110+00 TO STA. 111+00  
OMIT STA. 110+04.6 TO STA. 110+35.3 (TO BE COMPLETED BY METRA)

\* SEE NOTE 1



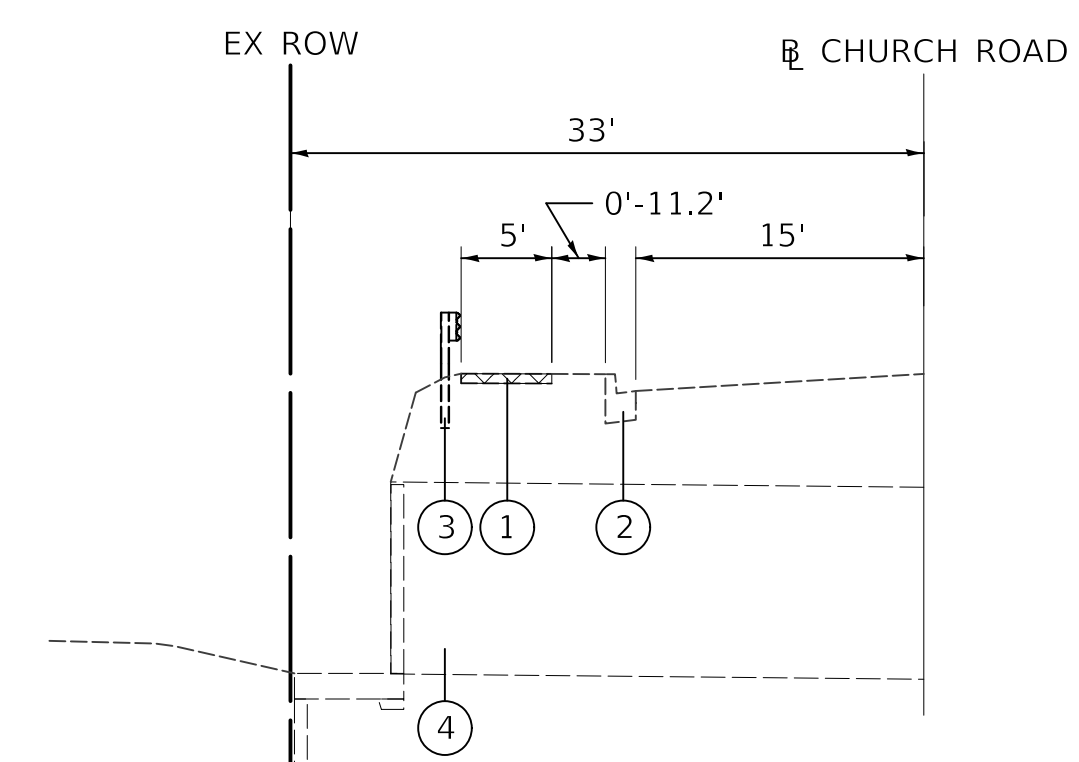
**EXISTING TYPICAL SECTION**  
STA. 104+50 TO STA. 116+00  
STA. 117+05 TO STA. 119+87.5

\* SEE NOTE 1

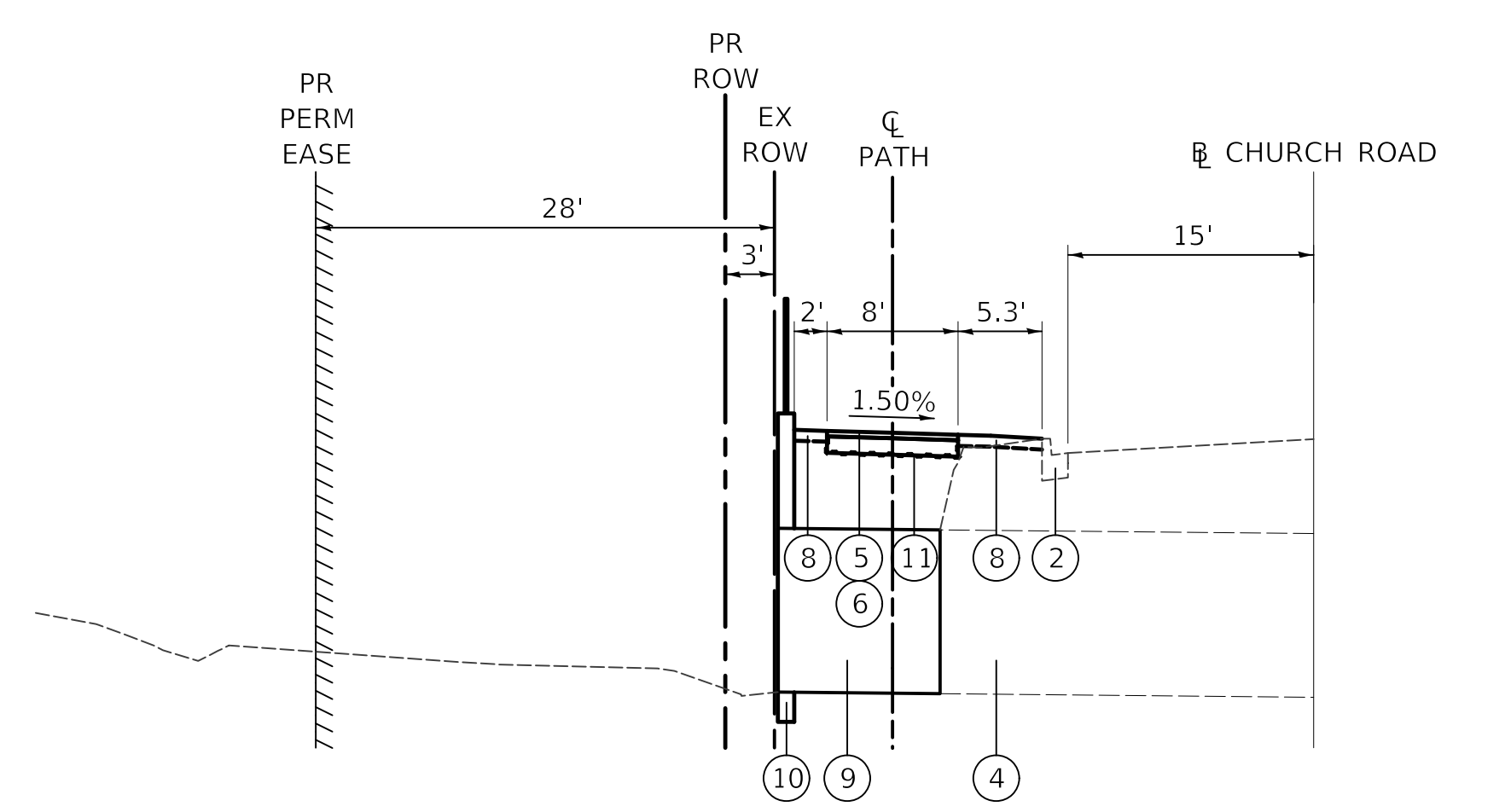


**PROPOSED TYPICAL SECTION**  
STA. 104+12 TO STA. 110+00  
STA. 111+00 TO STA. 116+10  
STA. 116+85 TO STA. 119+87.5

\* SEE NOTE 1



**EXISTING TYPICAL SECTION**  
STA. 116+00 TO STA. 117+05



**PROPOSED TYPICAL SECTION**  
STA. 116+10 TO STA. 116+85

**LEGEND:**

- ① EXISTING SIDEWALK
- ② EXISTING CURB AND GUTTER
- ③ GUARDRAIL REMOVAL
- ④ EXISTING BOX CULVERT
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑥ PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
- ⑦ PROPOSED CURB REMOVAL AND REPLACEMENT
- ⑧ PROPOSED SODDING, SALT TOLERANT  
PROPOSED TOPSOIL, 6"
- ⑨ PROPOSED CULVERT (SEE STRUCTURAL PLANS)
- ⑩ PROPOSED RETAINING WALL (SEE STRUCTURAL PLANS FOR LIMITS)
- ⑪ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

**NOTES:**

1. ALL CURB AND GUTTER TO BE REMOVED WILL BE REPLACED IN KIND (REGARDLESS OF TYPE) AND PAID FOR AT THE SAME UNIT BID PRICE FOR "CURB REMOVAL AND REPLACEMENT". (SEE PLANS FOR LOCATIONS).
2. SEE PLANS FOR CROSS SLOPE TRANSITIONS.
3. THE ROADWAY SOIL INVESTIGATION REPORT DATED OCTOBER 11, 2017, IS AVAILABLE FROM THE VILLAGE OF BENSenville REPRESENTATIVE.

**LEGEND:**

REMOVAL

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	PERCENT AIR VOIDS @ Ndes.
BIKE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2" (1 LIFT)	4% @ 50 GYR.
CLASS D PATCHES, SPECIAL	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2" (1 LIFT)	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8" (3 LIFTS)	4% @ 70 GYR.

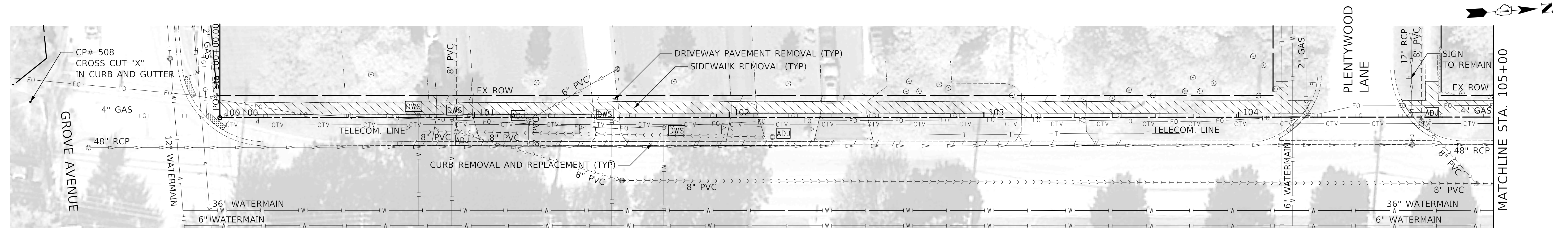
THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.

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

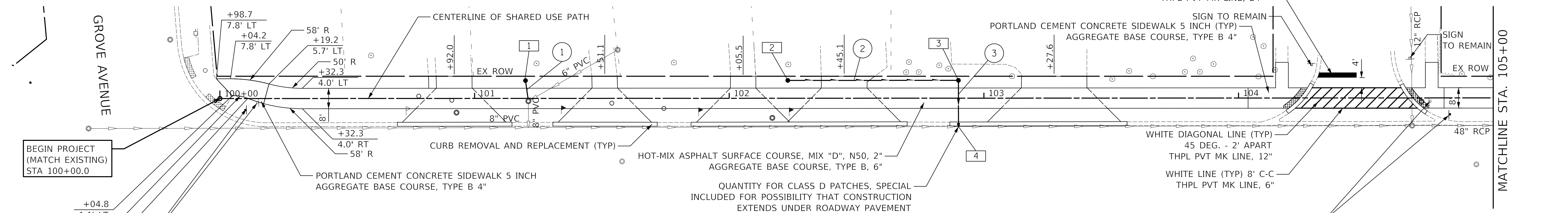
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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NO. OF WAY CHECKED	
NO.	



- 1 STA. 101+20, 7.0' LT INLETS SPL, 6" GRATE RIM = 677.49 INV = 675.11 (6" E)
- 2 STA. 102+23, 7.0' LT INLETS SPL, 6" GRATE RIM = 676.81 INV = 674.69 (6" N)
- 3 STA. 102+90, 7.0' LT CB TA 4 DIA T8G RIM = 676.70 INV = 673.70 (6" S) INV = 669.08 (12" E)
- 4 CONNECT TO EXISTING 48" PIPE SEE SHEET 49 INV = 666.74 (EX 48") INV = 668.74 (12")
- 1 7' - PIPE DRAINS, 6" @ 1.50% TBF = 1.0 CU YD
- 2 66' - PIPE DRAINS, 6" @ 2.00% TBF = 3.0 CU YD
- 3 17' - STORM SEW CL A 2, 12" @ 2.00% TBF = 13.0 CU YD



**LEGEND:**

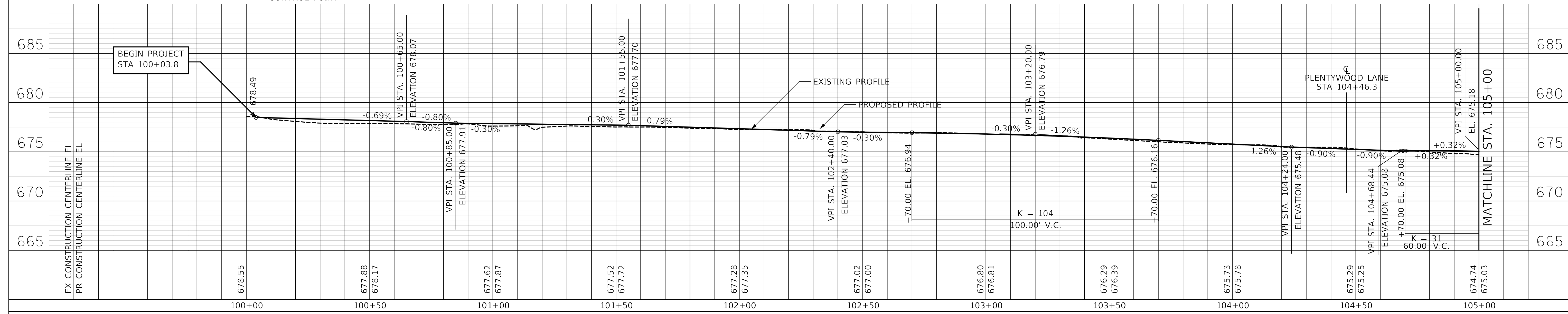
- PAVEMENT AND CURB REMOVAL
- REMOVAL
- DETECTABLE WARNING
- TREE REMOVAL AND SIZE CONTROL POINT
- DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED
- DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED

**NOTE:**  
1. TRANSITION CROSS SLOPE FROM STA. 103+87 TO STA. 104+12.

**RELOCATE SIGN PANEL ASSEMBLY - TYPE A TO STA 104+83.0, 6.5' RT**

**Church Rd**  
**Plentywood Ln**  
D3-1

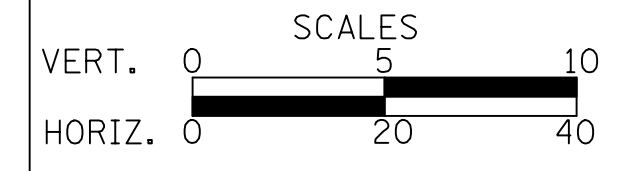
**NOTES:**  
1. SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.  
2. SEE ADA RAMP DETAILS FOR SIDEWALK LAYOUT.  
3. SEE TYPICAL SECTIONS FOR PATH CROSS SLOPE.



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



**PLAN AND PROFILE**

SHEET NO. 1 OF 4 SHEETS STA. 100+00 TO STA. 105+00

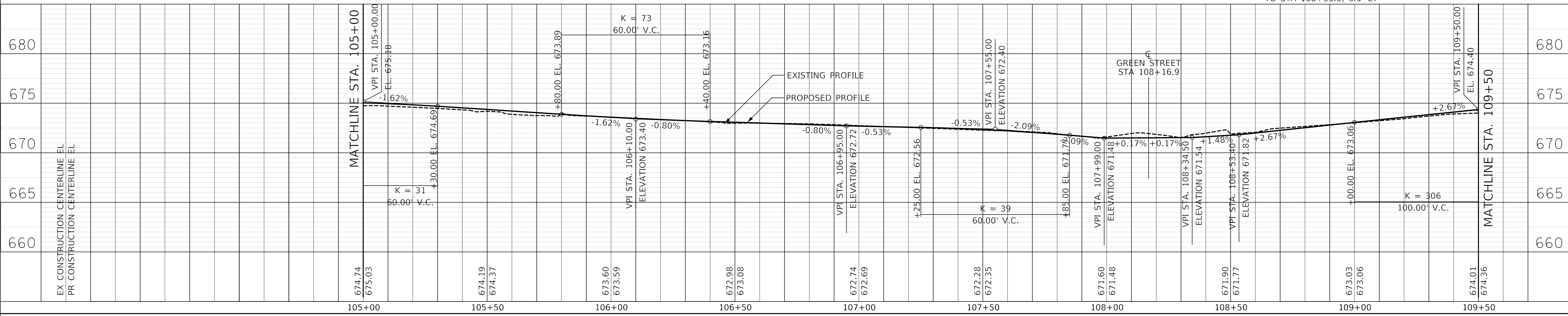
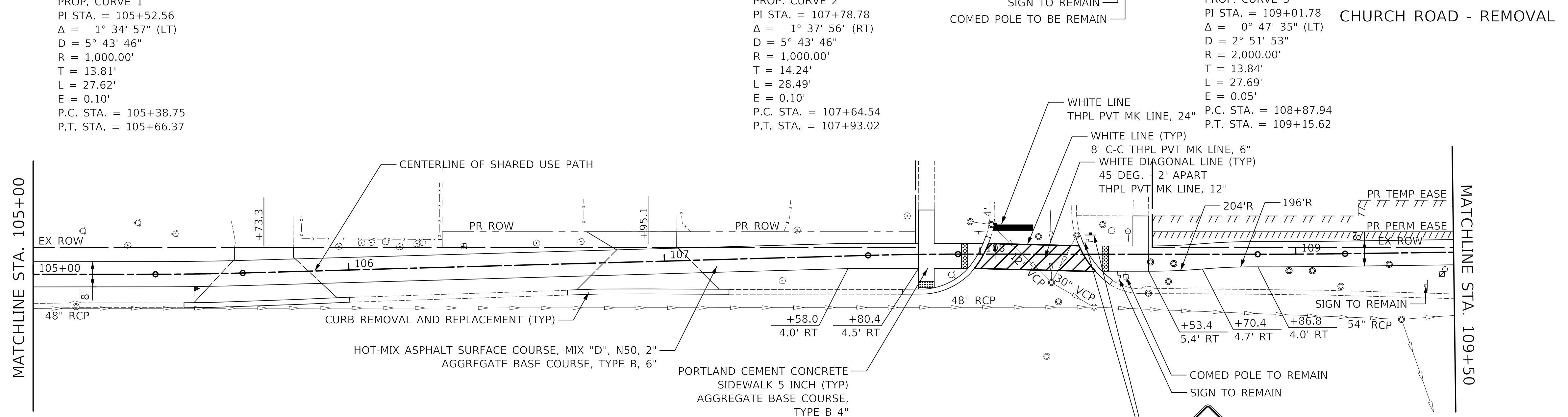
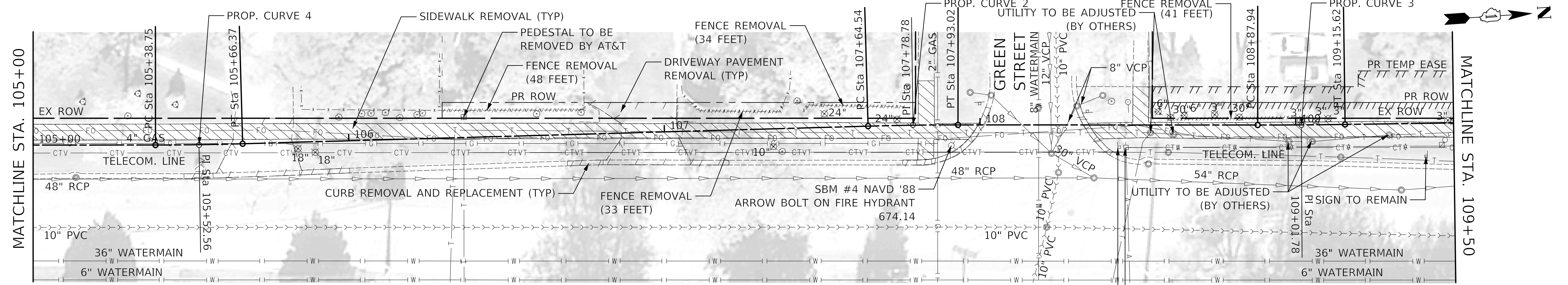
F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	8
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
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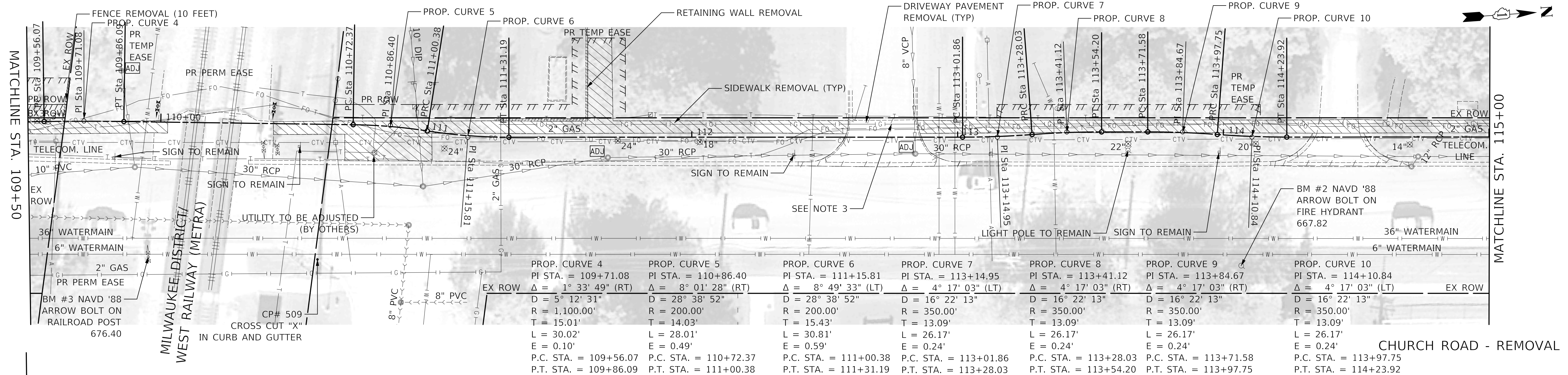
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NO.	
STRUCTURE	
NOTATIONS	
CHKD	

CHURCH ROAD BASELINE DATA				
DESCRIPTION	STATION	NORTHING	EASTING	
C1	BOA	100+00.00	1926554.3627	1088630.4746
	PC	105+38.75	1927091.8397	1088667.4335
	PI	105+52.56	1927105.6180	1088668.3810
	PT	105+66.37	1927119.4171	1088668.9475
C2	PC	107+64.54	1927317.4200	1088677.0773
	PI	107+78.78	1927331.6522	1088677.6617
	PT	107+93.02	1927345.8620	1088678.6512
C3	PC	108+87.94	1927440.5481	1088685.2446
	PI	109+01.78	1927454.3579	1088686.2062
	PT	109+15.62	1927468.1797	1088686.9766
C4	PC	109+56.07	1927508.5609	1088589.2274
	PI	109+71.08	1927523.5476	1088690.0627
	PT	109+86.09	1927538.5060	1088691.3066
C5	PC	110+72.37	1927624.4927	1088698.4572
	PI	110+86.40	1927638.4728	1088699.6198
	PT	111+00.38	1927652.1537	1088702.7225
C6	PC	111+00.38	1927652.1537	1088702.7225
	PI	111+15.81	1927667.2061	1088706.1363
	PT	111+31.19	1927682.6040	1088707.2002
C7	PC	113+04.86	1927852.8703	1088718.9642
	PI	113+14.95	1927865.9306	1088719.8665
	PT	113+28.03	1927879.0218	1088719.7907
C8	PC	113+28.03	1927879.0218	1088719.7907
	PI	113+41.12	1927892.1130	1088719.7149
	PT	113+54.20	1927905.1733	1088720.6172
C9	PC	113+71.58	1927922.5073	1088721.8149
	PI	113+84.67	1927935.5676	1088722.7172
	PT	113+97.75	1927948.5240	1088724.5927
C10	PC	113+97.75	1927948.5240	1088724.5927
	PI	114+10.84	1927961.4804	1088726.4682
	PT	114+23.92	1927974.5407	1088727.3705
C11	PC	116+85.51	1928235.5066	1088745.4011
	PI	117+03.82	1928253.7751	1088746.6633
	PT	117+21.95	1928271.8109	1088743.4934
C12	PC	117+21.95	1928271.8109	1088743.4934
	PI	117+39.92	1928289.5099	1088740.3827
	PT	117+57.72	1928307.4429	1088741.5408
C13	PC	119+59.83	1928509.1276	1088754.5656
	PI	119+73.52	1928522.7944	1088755.4482
	PT	119+87.08	1928535.8275	1088759.6550
	EOA	119+89.22	1928537.8698	1088760.3142

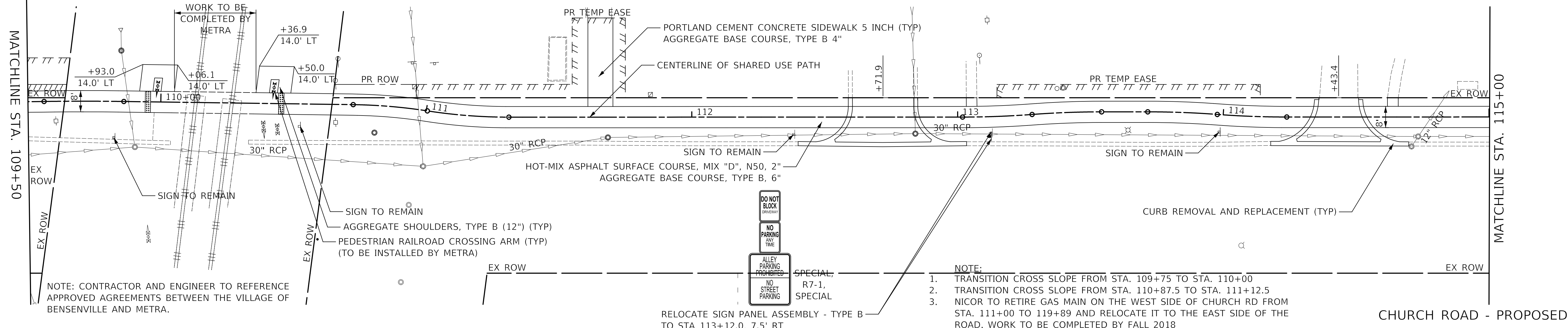


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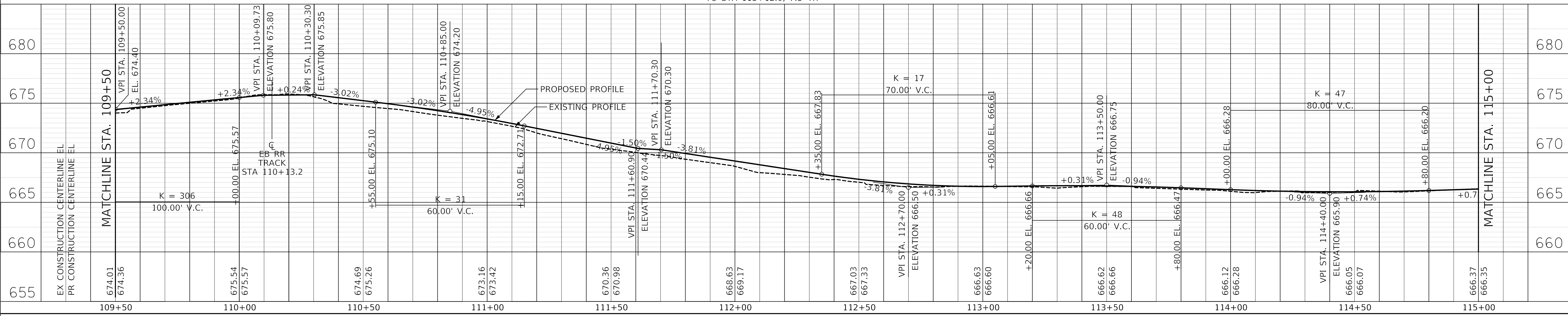


PROP. CURVE 4	PROP. CURVE 5	PROP. CURVE 6	PROP. CURVE 7	PROP. CURVE 8	PROP. CURVE 9	PROP. CURVE 10
PI STA. = 109+71.08	PI STA. = 110+86.40	PI STA. = 111+15.81	PI STA. = 113+14.95	PI STA. = 113+41.12	PI STA. = 113+84.67	PI STA. = 114+10.84
$\Delta = 1^\circ 33' 49''$ (RT)	$\Delta = 8^\circ 01' 28''$ (RT)	$\Delta = 8^\circ 49' 33''$ (LT)	$\Delta = 4^\circ 17' 03''$ (LT)	$\Delta = 4^\circ 17' 03''$ (RT)	$\Delta = 4^\circ 17' 03''$ (RT)	$\Delta = 4^\circ 17' 03''$ (LT)
D = 5° 12' 31"	D = 28° 38' 52"	D = 28° 38' 52"	D = 16° 22' 13"	D = 16° 22' 13"	D = 16° 22' 13"	D = 16° 22' 13"
R = 1,100.00'	R = 200.00'	R = 200.00'	R = 350.00'	R = 350.00'	R = 350.00'	R = 350.00'
T = 15.01'	T = 14.03'	T = 15.43'	T = 13.09'	T = 13.09'	T = 13.09'	T = 13.09'
L = 30.02'	L = 28.01'	L = 30.81'	L = 26.17'	L = 26.17'	L = 26.17'	L = 26.17'
E = 0.10'	E = 0.49'	E = 0.59'	E = 0.24'	E = 0.24'	E = 0.24'	E = 0.24'
P.C. STA. = 109+56.07	P.C. STA. = 110+72.37	P.C. STA. = 111+00.38	P.C. STA. = 113+01.86	P.C. STA. = 113+28.03	P.C. STA. = 113+71.58	P.C. STA. = 113+97.75
P.T. STA. = 109+86.09	P.T. STA. = 111+00.38	P.T. STA. = 111+31.19	P.T. STA. = 113+28.03	P.T. STA. = 113+54.20	P.T. STA. = 113+97.75	P.T. STA. = 114+23.92



NOTE: CONTRACTOR AND ENGINEER TO REFERENCE APPROVED AGREEMENTS BETWEEN THE VILLAGE OF BENSenville AND METRA.

- NOTE:
- TRANSITION CROSS SLOPE FROM STA. 109+75 TO STA. 110+00
  - TRANSITION CROSS SLOPE FROM STA. 110+87.5 TO STA. 111+12.5
  - NICOR TO RETIRE GAS MAIN ON THE WEST SIDE OF CHURCH RD FROM STA. 111+00 TO 119+89 AND RELOCATE IT TO THE EAST SIDE OF THE ROAD. WORK TO BE COMPLETED BY FALL 2018

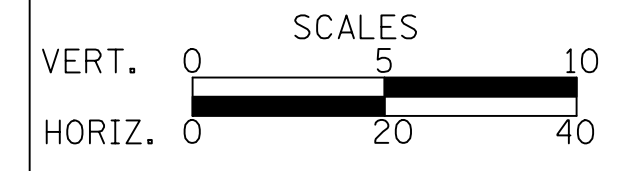


STATION	EX CONSTRUCTION CENTERLINE EL	PR CONSTRUCTION CENTERLINE EL	PROPOSED PROFILE	EXISTING PROFILE
109+50	674.01	674.36	674.40	674.40
110+00	675.54	675.57	675.57	675.57
110+50	675.26	675.10	675.10	675.10
111+00	673.16	673.42	673.42	673.42
111+50	670.36	670.98	670.98	670.98
112+00	668.63	669.17	669.17	669.17
112+50	667.03	667.33	667.33	667.33
113+00	666.63	666.60	666.60	666.60
113+50	666.62	666.66	666.66	666.66
114+00	666.12	666.28	666.28	666.28
114+50	666.05	666.07	666.07	666.07
115+00	666.37	666.35	666.35	666.35

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**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

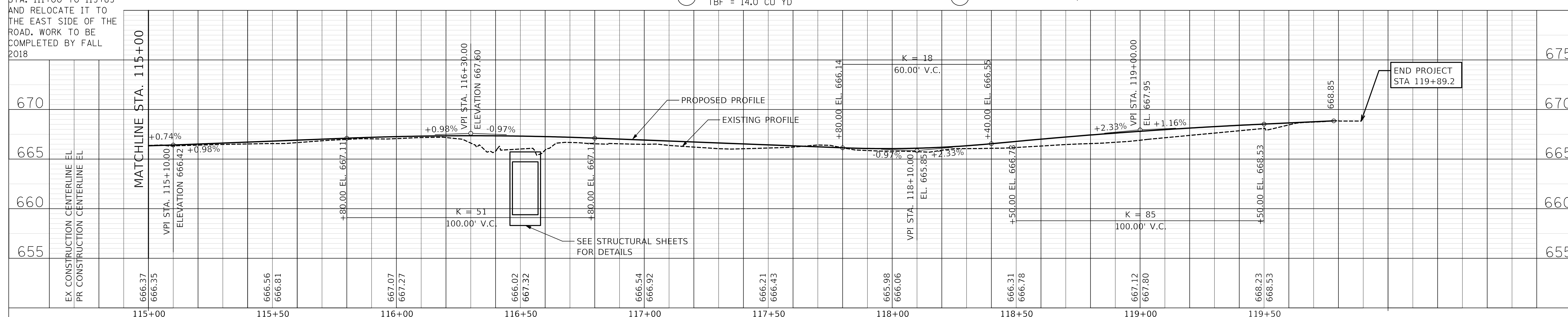
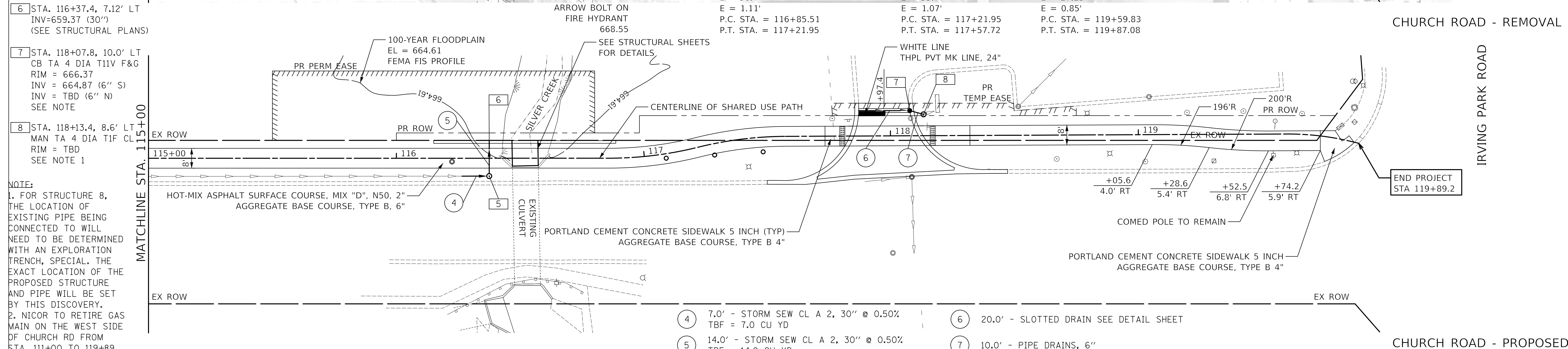
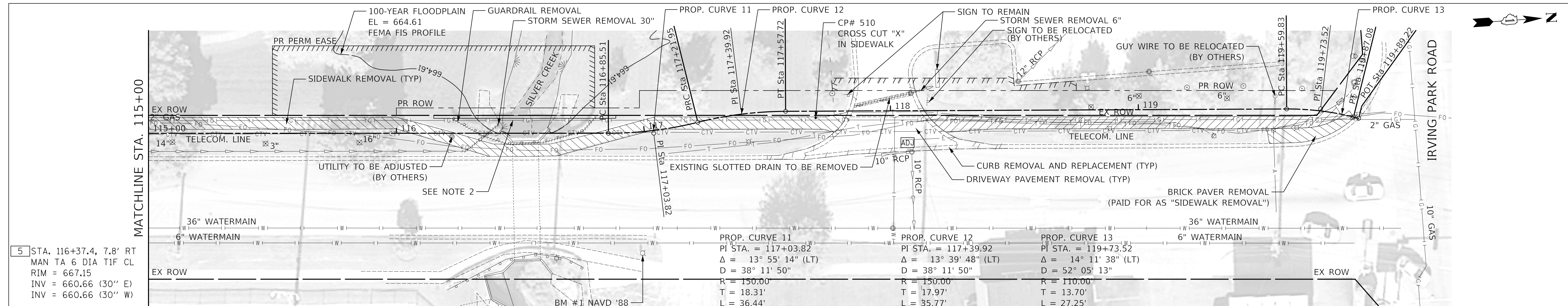
PLAN AND PROFILE

SHEET NO. 3 OF 4 SHEETS STA. 109+50 TO STA. 115+00

F.A.U. RT. 2667 SECTION 16-00095-00-BT COUNTY DUPAGE TOTAL SHEETS 63 SHEET NO. 10 CONTRACT NO. 61E96

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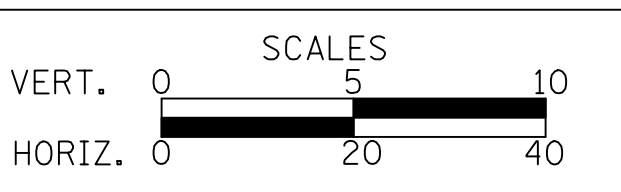
EX CONSTRUCTION CENTERLINE EL	666.37	666.35	666.56	666.81	667.07	667.27	666.02	667.32	666.54	666.92	666.21	666.43	665.98	666.06	666.31	666.78	667.12	667.80	668.23	668.53		
PR CONSTRUCTION CENTERLINE EL																						

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



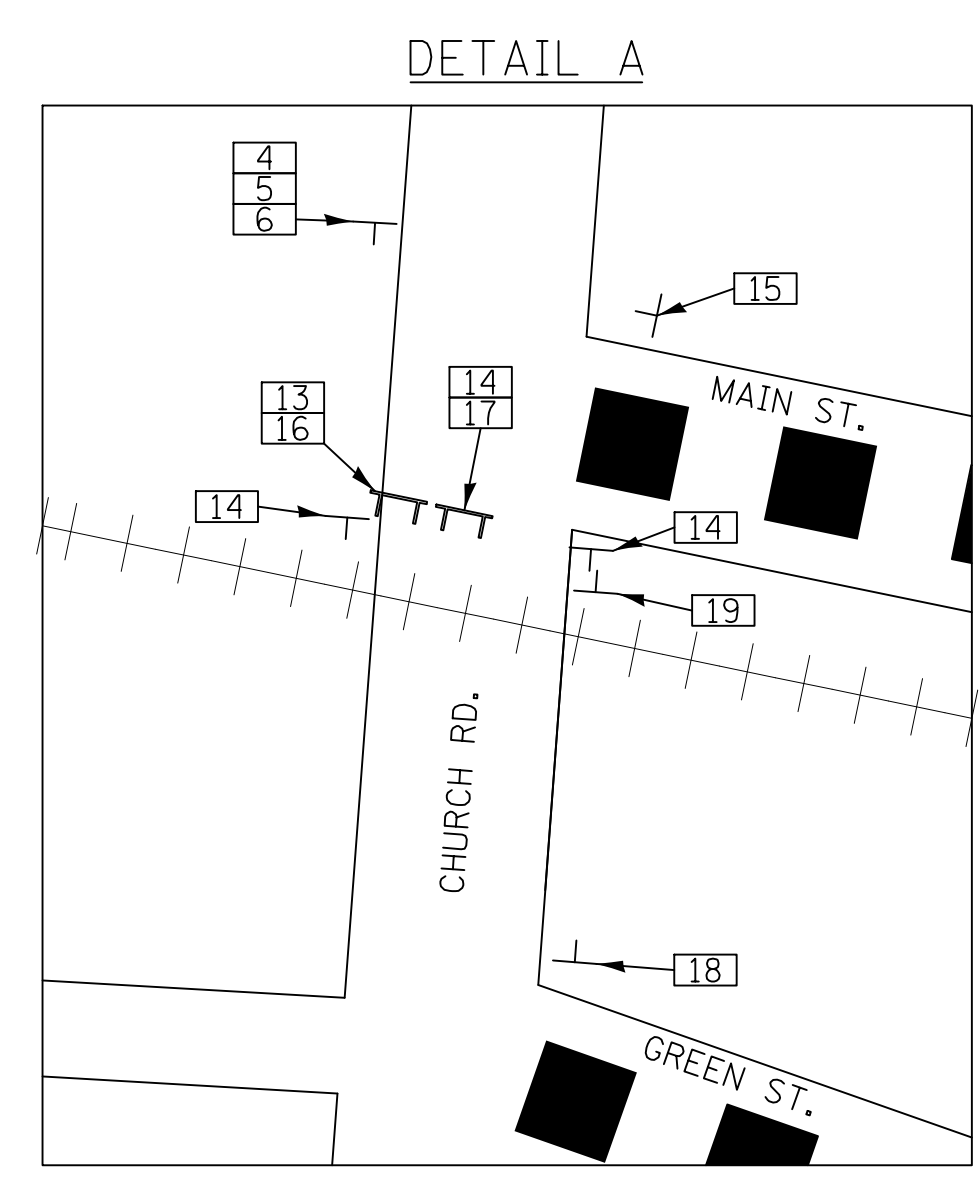
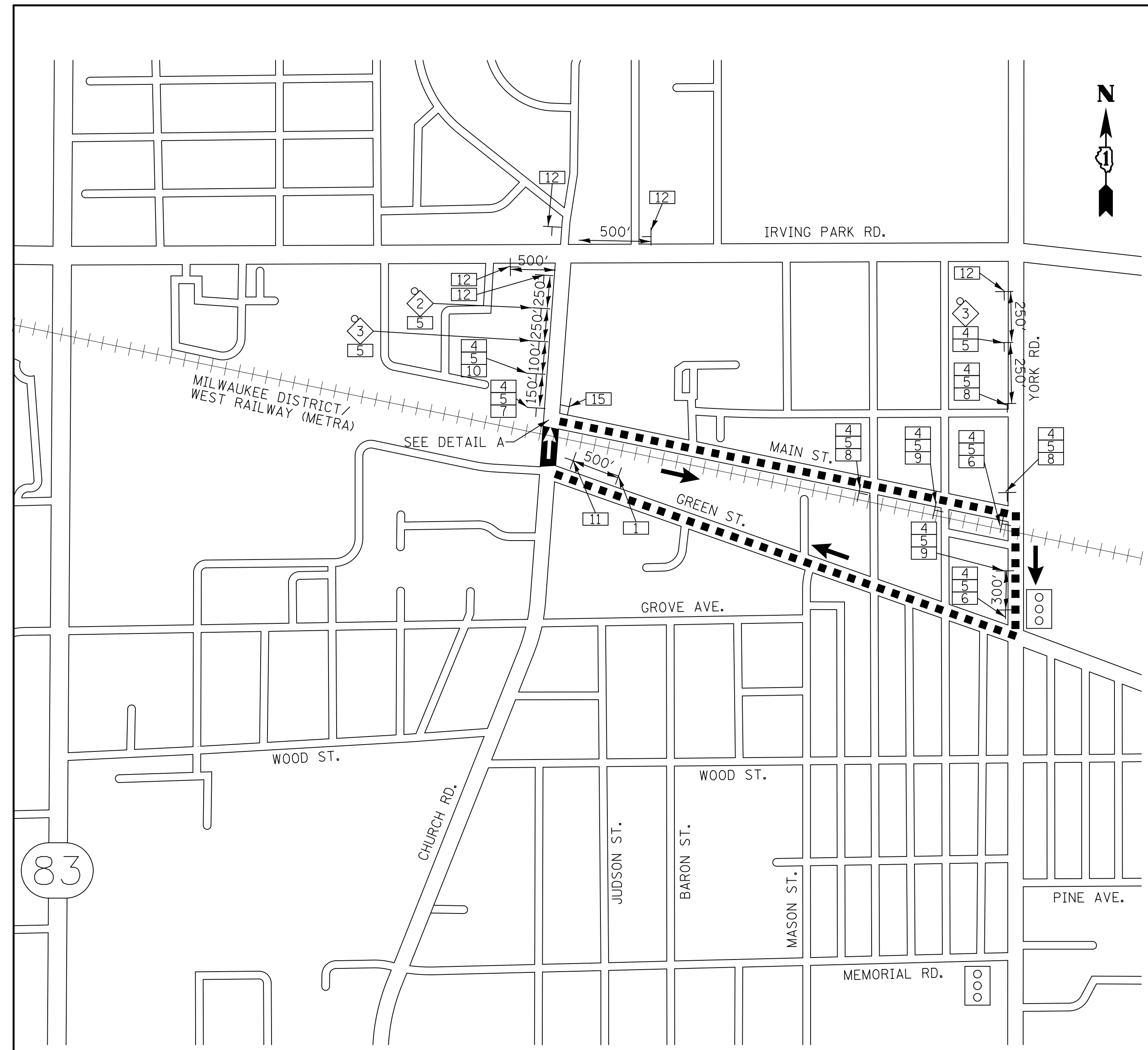
**PLAN AND PROFILE**

SHEET NO. 4 OF 4 SHEETS STA. 115+00 TO STA. 120+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	11
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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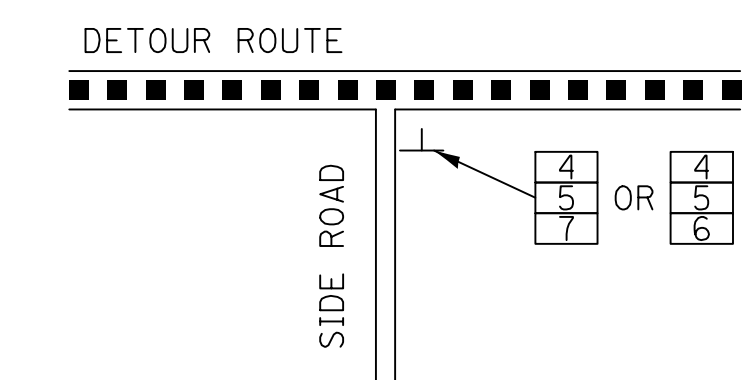
**LEGEND**

- 48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT 18"x18" FLAG (NUMBER DENOTES TYPE)
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
- OTHER DETOUR SIGN (NUMBER DENOTES TYPE)
- LIMITS OF ONE-WAY CONSTRUCTION WORK ZONE
- DETOUR ROUTE DIRECTION
- DIRECTION OF ONE-WAY TRAFFIC THROUGH CONSTRUCTION SITE
- SIGN POST
- SIGNALIZED INTERSECTION
- TYPE III BARRICADE
- DETOUR ROUTE

**SCHEDULE OF SIGNS**

SIGN NO.	SIGN TYPE
1	W20-1103(O)
2	W20-3(O)-4848
3	W20-2-3636
4	M3-2(O)-2412
5	W17-1100-2412
6	M4-9R(O)-3024
7	M4-9L(O)-3024
8	M4-9(O)-3030
9	M4-9R(O)-3030
10	M4-9L(O)-3030
11	M4-8a(O)-2418
12	SPECIAL-4836 (6" CAPS, 4" LOWER CASE)
13	R11-2-4830
14	R11-2-4830
15	R3-2-2424
16	M4-10L-4818
17	SPECIAL-4836 (6" CAPS, 4" LOWER CASE)
18	R6-6-2430
19	R6-7-2430

**TYPICAL INTERSECTION ALONG DETOUR ROUTE**



**DETOUR GENERAL NOTES**

- THIS DETOUR SHALL BE IMPLEMENTED AT THE DIRECTION OF THE ENGINEER TO COORDINATE THE IMPROVEMENTS TO BE CONSTRUCTED BY METRA AT THE RAILROAD CROSSING.
- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES" ADOPTED IN 2010, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION
- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST TWO (2) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS/HER REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK.
- IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST TWO (2) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
- LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
- THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM, ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
- THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE INCLUDED IN THE COST OF THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)"..
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT AND SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR (4) CALENDAR DAYS.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE "STANDARD SPECIFICATIONS". ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE "THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES",
- AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE "STANDARD SPECIFICATIONS". ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
- DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC, THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- THE COST OF THIS WORK FOR THE DETOUR SHALL BE INCLUDED IN THE UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

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DATE - 2/21/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

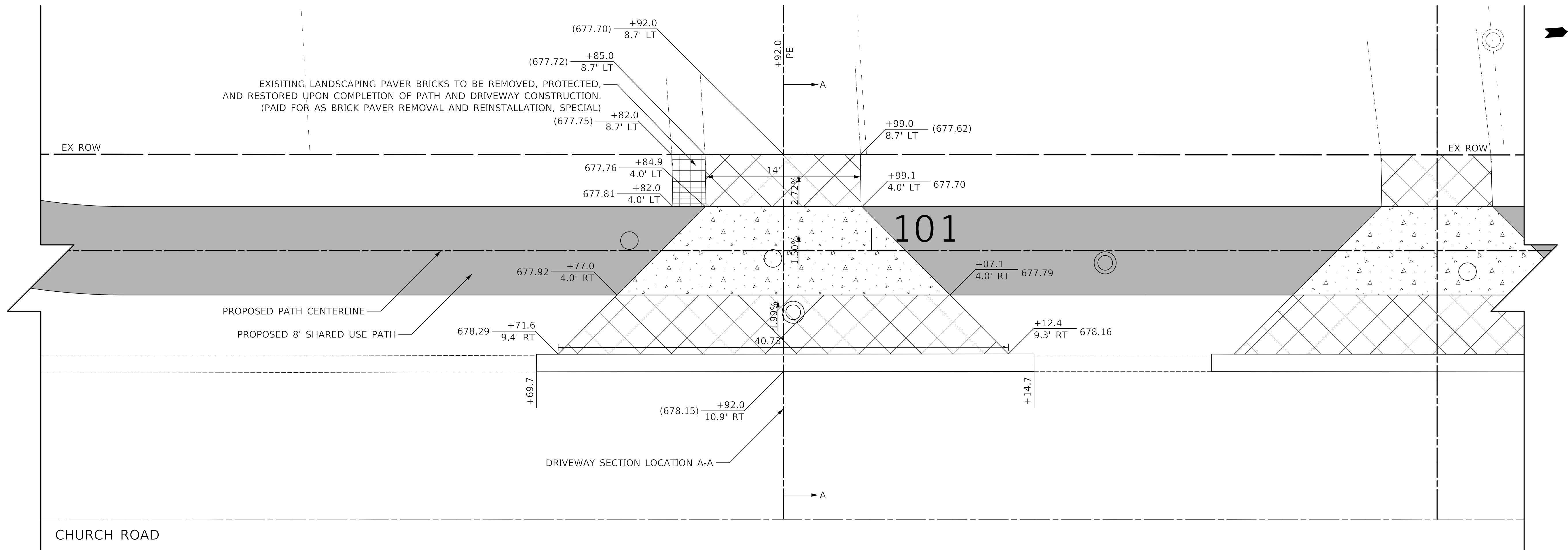
**DETOUR PLAN AND NOTES**

SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	12
<b>CONTRACT NO. 61E96</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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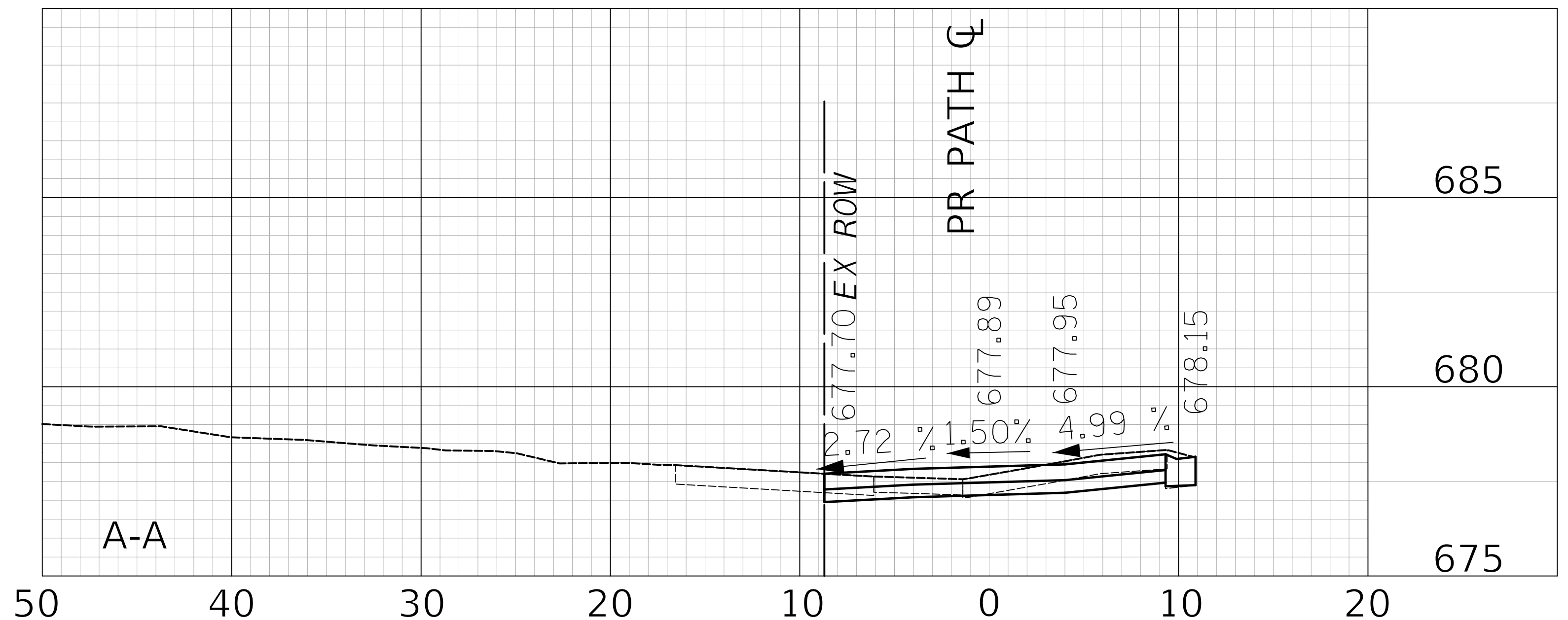
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136 S CHURCH ROAD  
PIN: 03-14-307-005

**LEGEND**

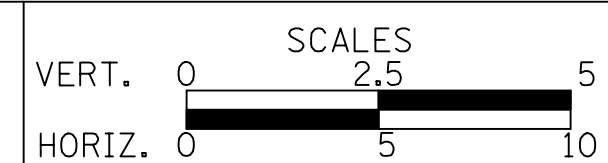
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.
- BRICK PAVER REMOVAL AND REINSTALLATION, SPECIAL



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CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

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



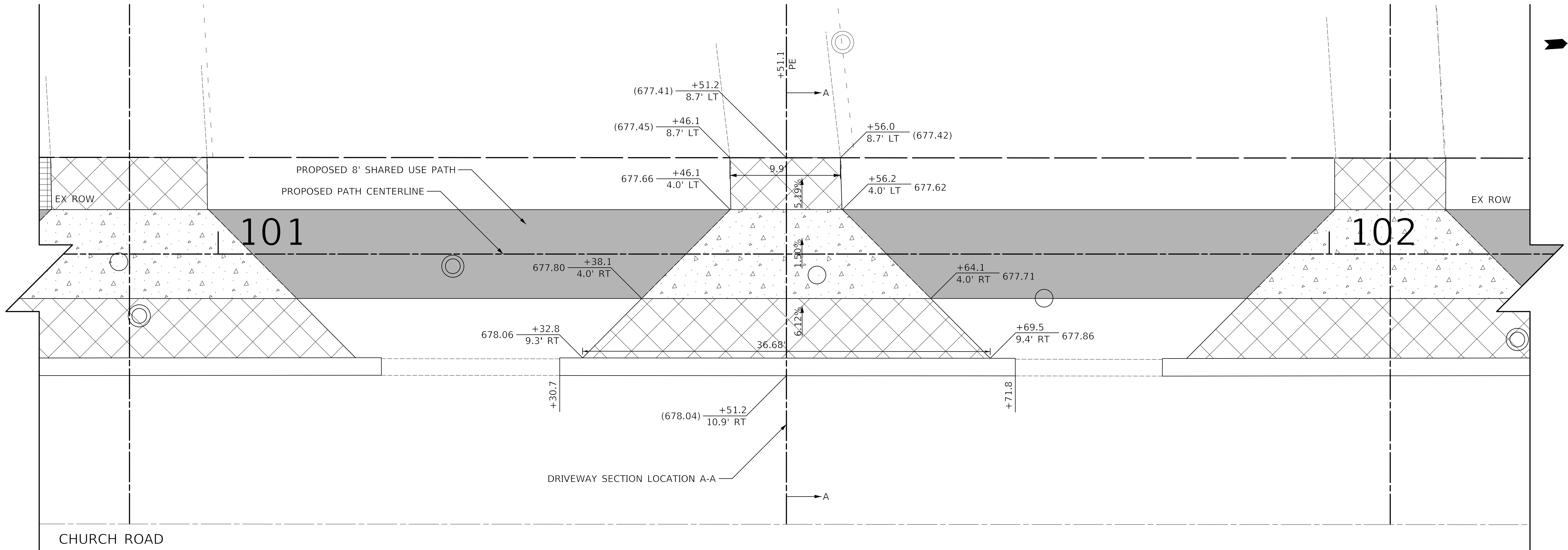
**DRIVEWAY DETAIL**  
**STA. 100 + 92.0**

SHEET NO. 1 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	

PLAN	SURVEYED	DATE
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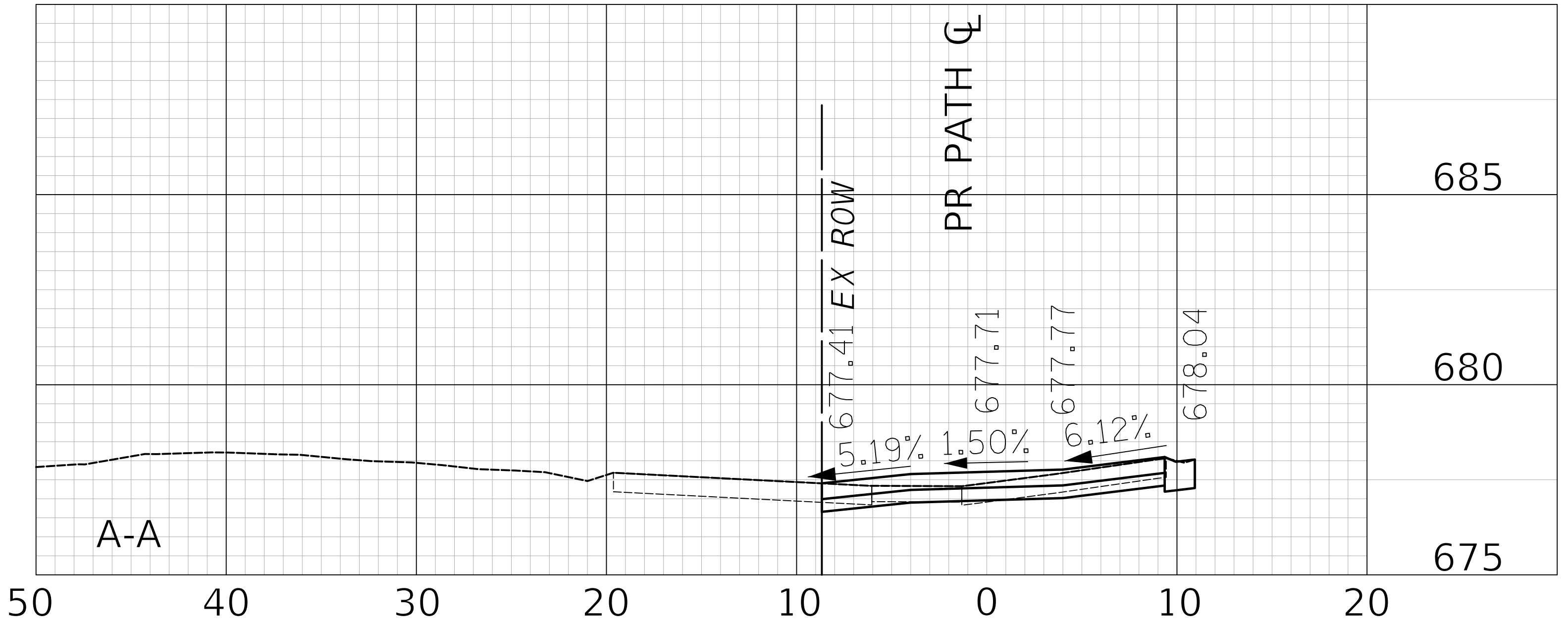
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134 S CHURCH ROAD  
PIN: 03-14-307-004

**LEGEND**

	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B 6"
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH AGGREGATE BASE COURSE, TYPE B 4"
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.
	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.



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DATE - 2/21/2019	REVISED -

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



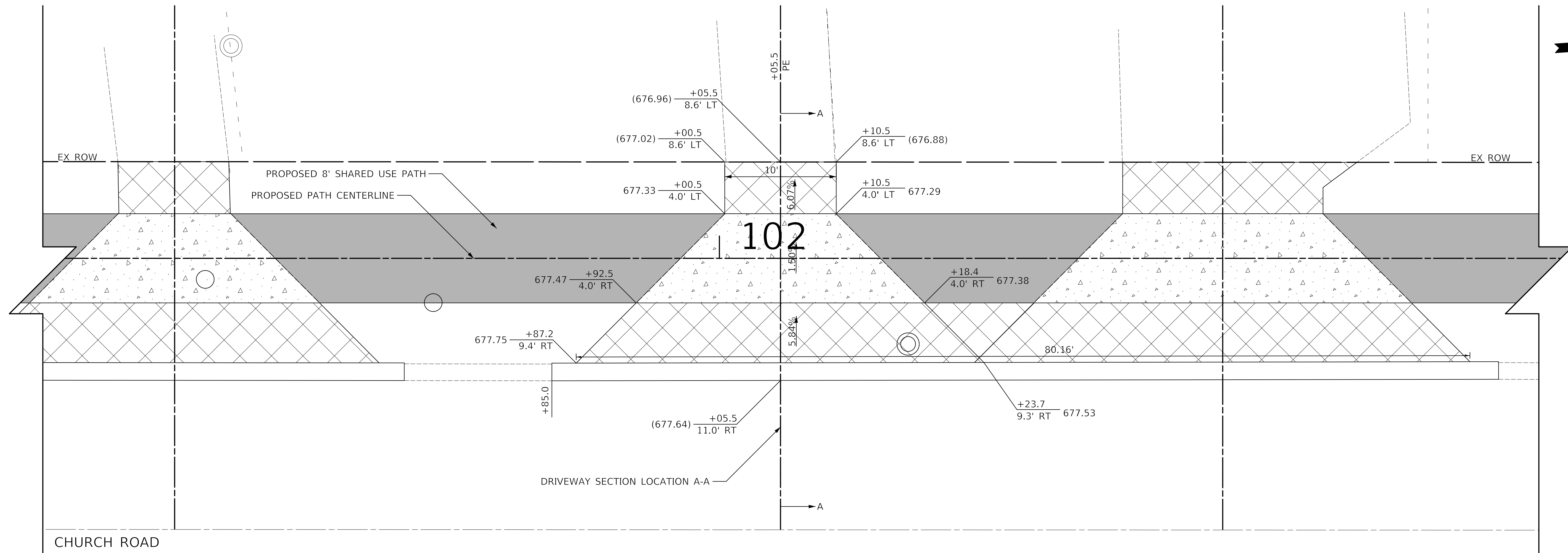
**DRIVEWAY DETAIL**  
**STA. 101 + 51.1**

SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	


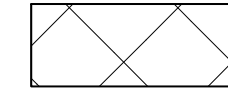


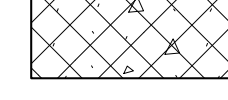
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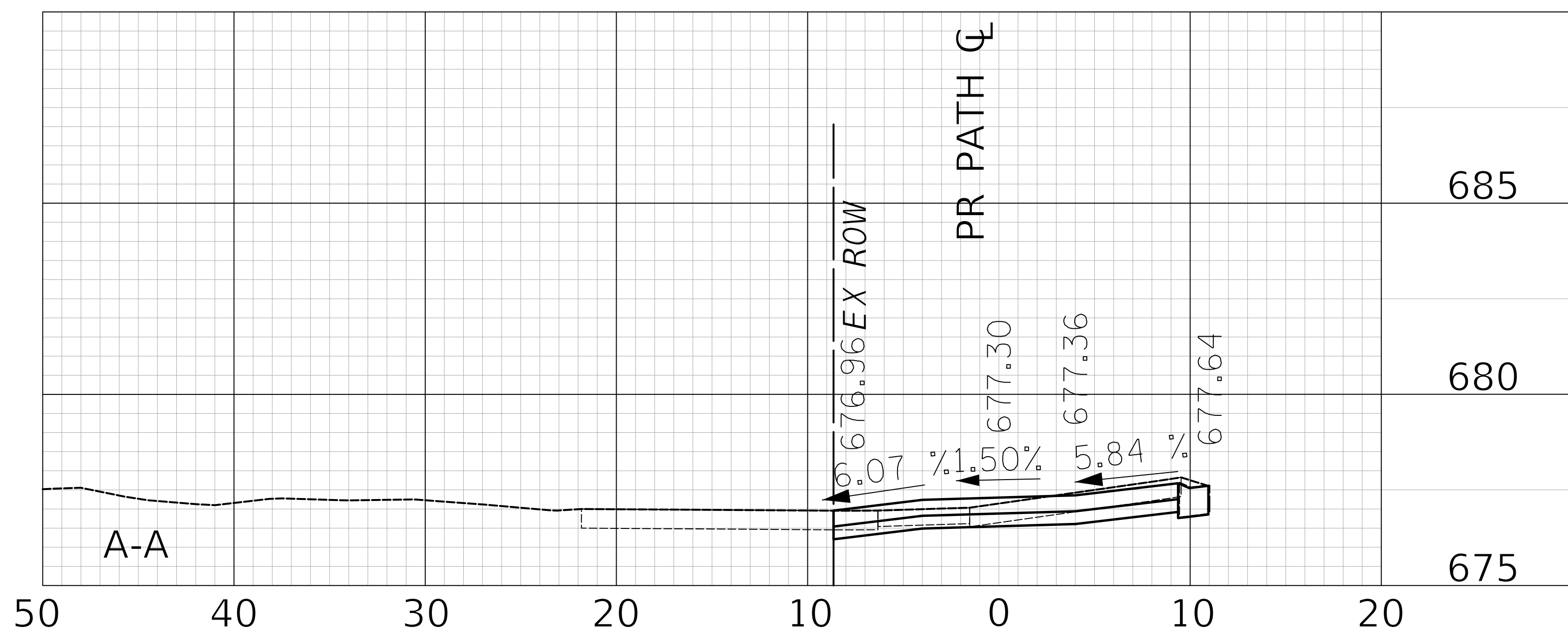
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128 S CHURCH ROAD  
PIN: 03-14-307-043

**LEGEND**

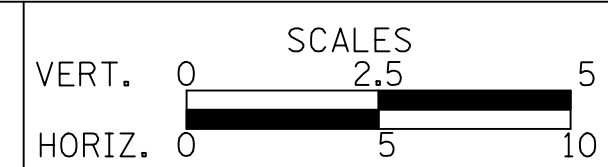
-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
AGGREGATE BASE COURSE, TYPE B 6"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.
-  PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.



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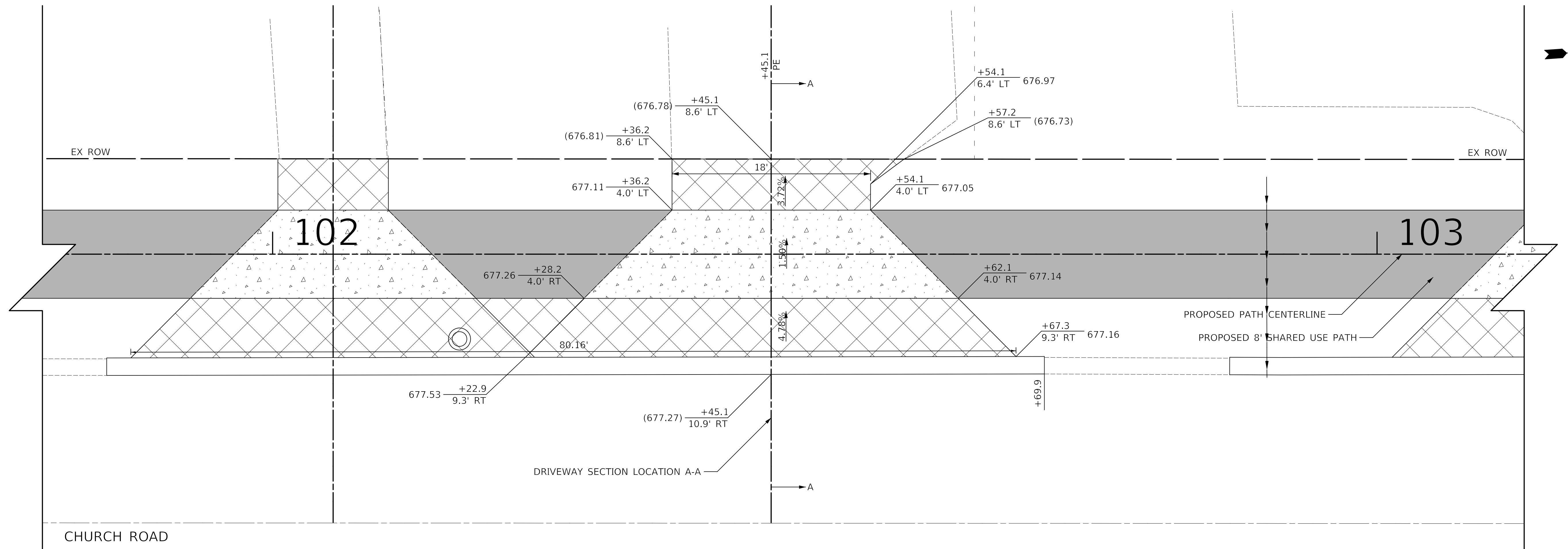
**DRIVEWAY DETAIL  
STA. 102 + 05.5**

SHEET NO. 3 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	




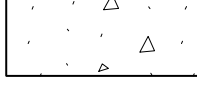

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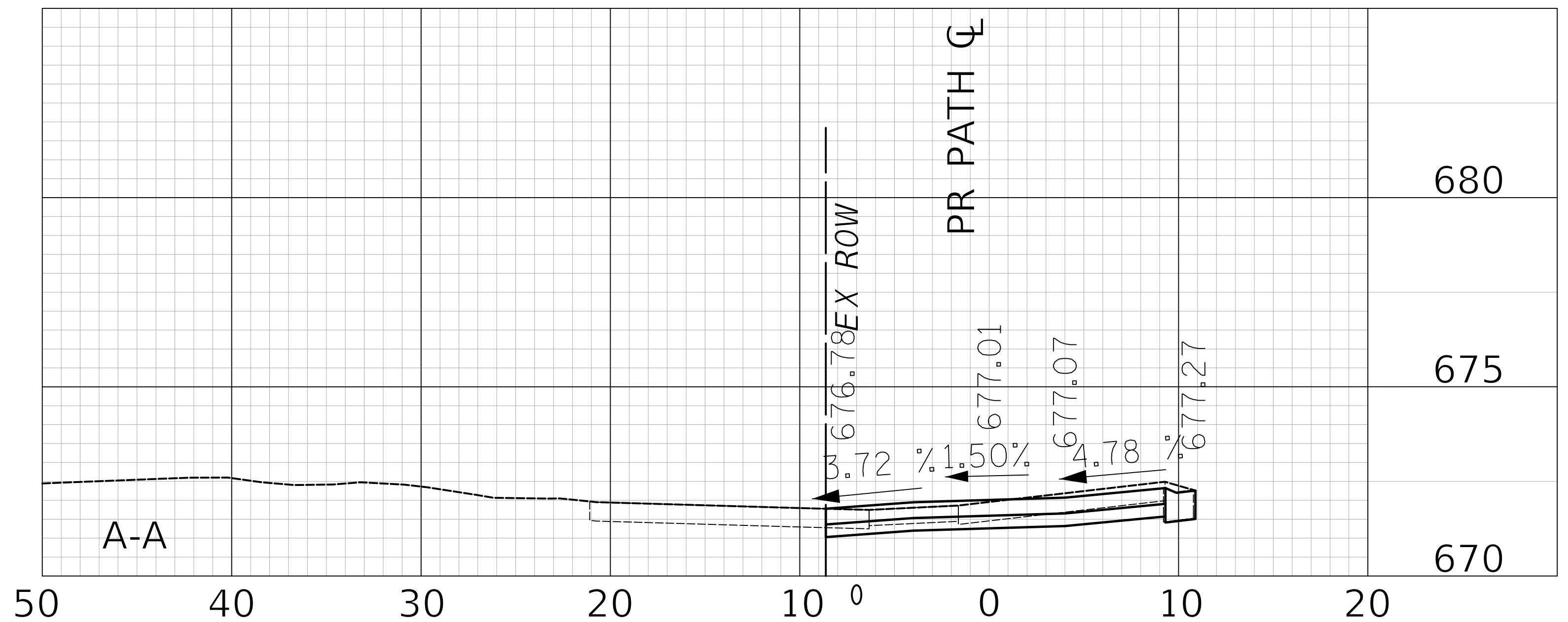
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	PLOTTED	
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	BY	
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124 CHURCH ROAD  
PIN: 03-14-307-042

**LEGEND**

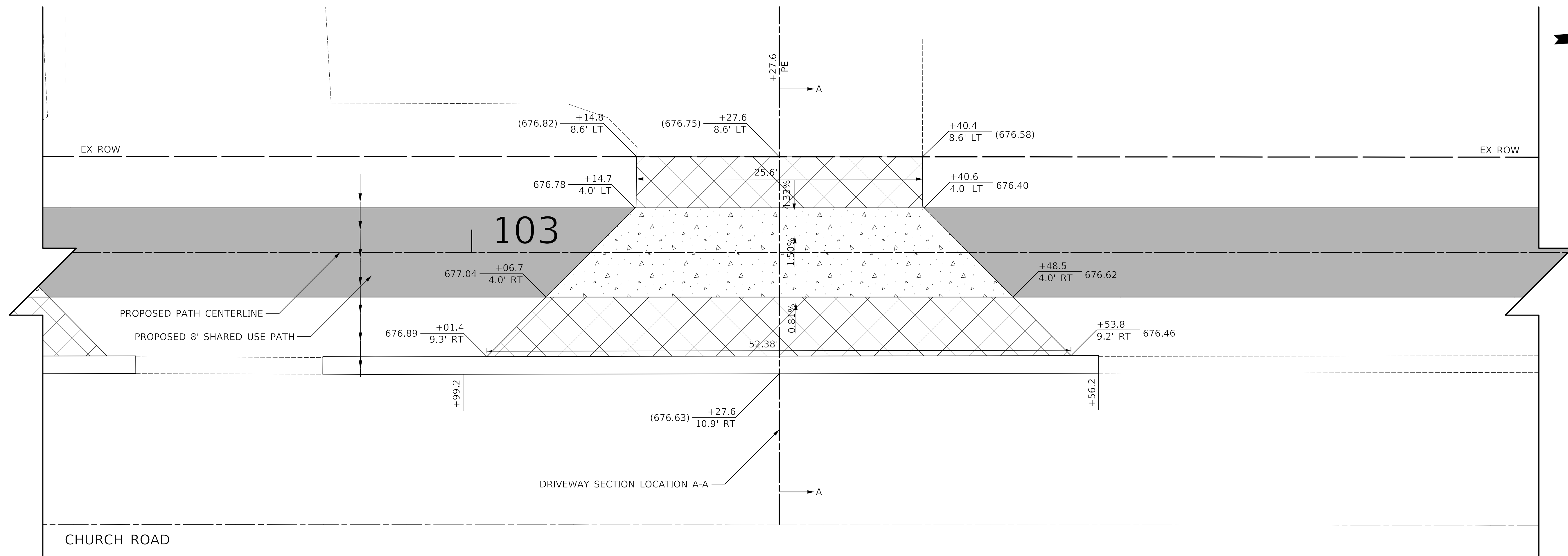
-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
AGGREGATE BASE COURSE, TYPE B 6"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.
-  PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.






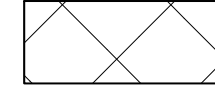



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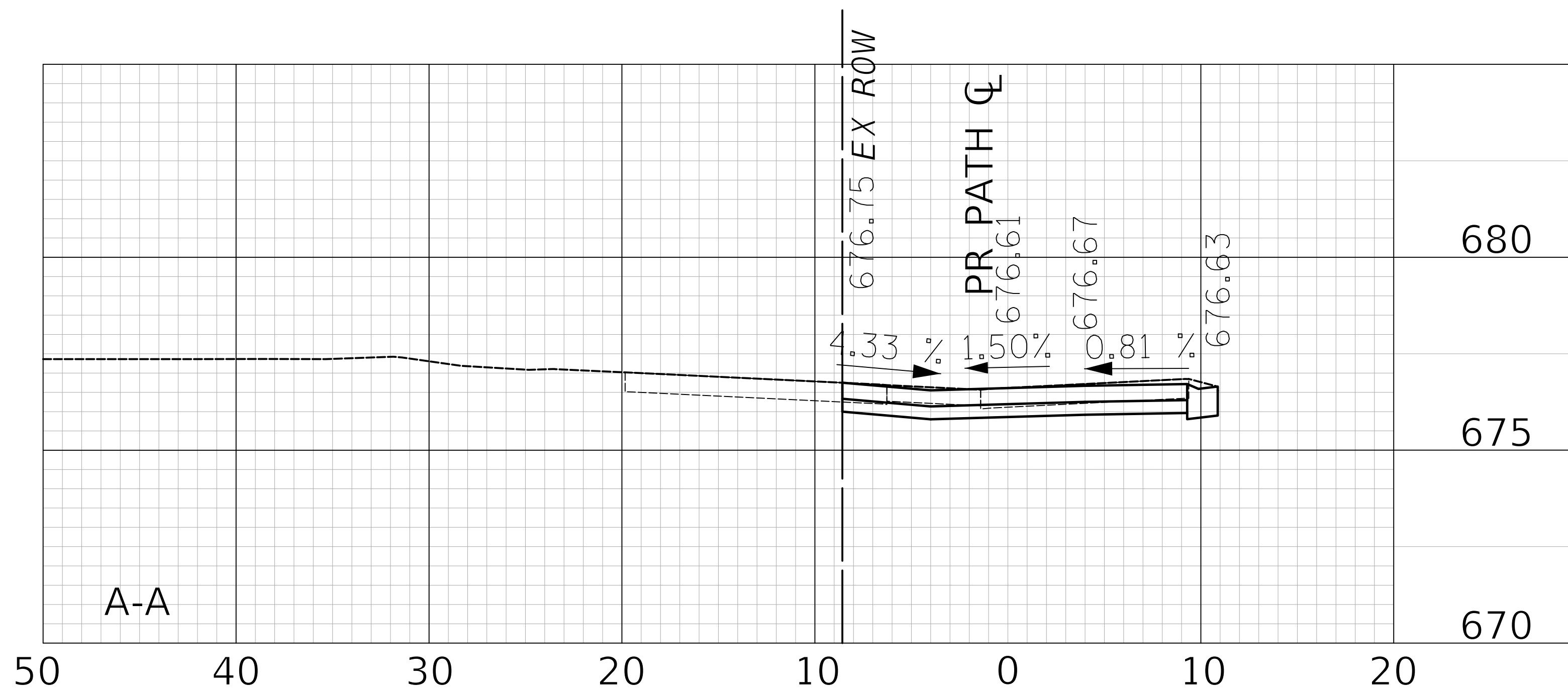
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	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	



702 PLENTYWOOD LANE  
PIN: 03-14-307-013

**LEGEND**

-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
AGGREGATE BASE COURSE, TYPE B 6"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.
-  PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.



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DRAWN -	TFS	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	2/21/2019	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



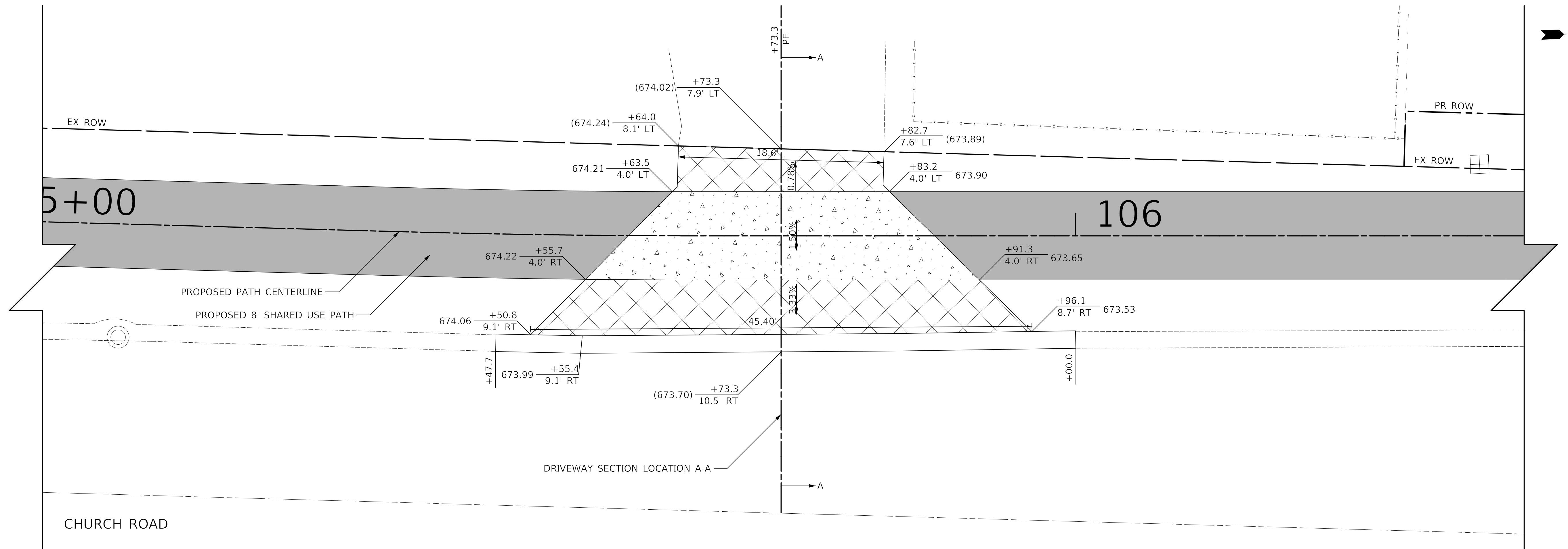
**DRIVEWAY DETAIL  
STA. 103 + 27.6**

SHEET NO. 5 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	

PLAN	SURVEYED	DATE
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	BY	
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	NO.	
	ADD. FILE NAME	

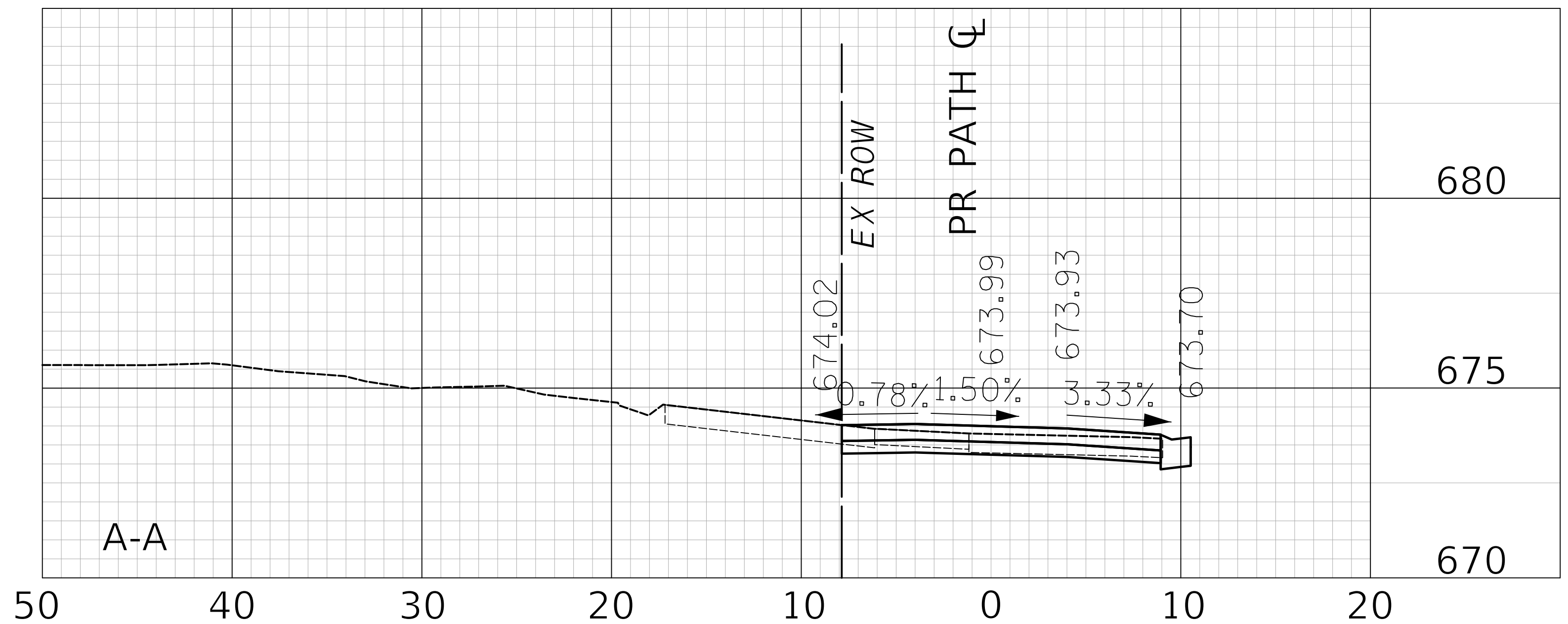
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	PLOTTED	
	CHECKED	
	BY	
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	ADD. FILE NAME	



701 PLENTYWOOD LANE  
PIN: 03-14-301-028

**LEGEND**

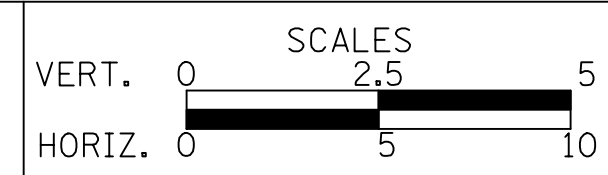
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
AGGREGATE BASE COURSE, TYPE B 6"
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.



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DRAWN -	TFS	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	2/21/2019	REVISED -	

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



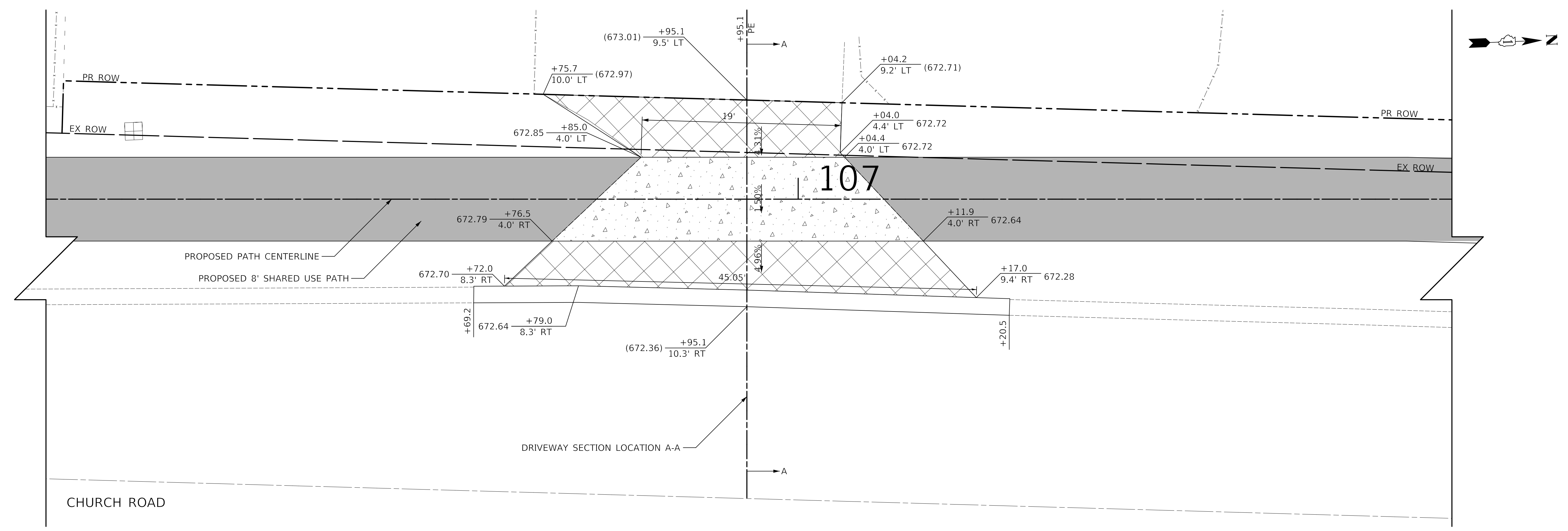
**DRIVEWAY DETAIL**  
**STA. 105 + 73.3**

SHEET NO. 6 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	18
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	

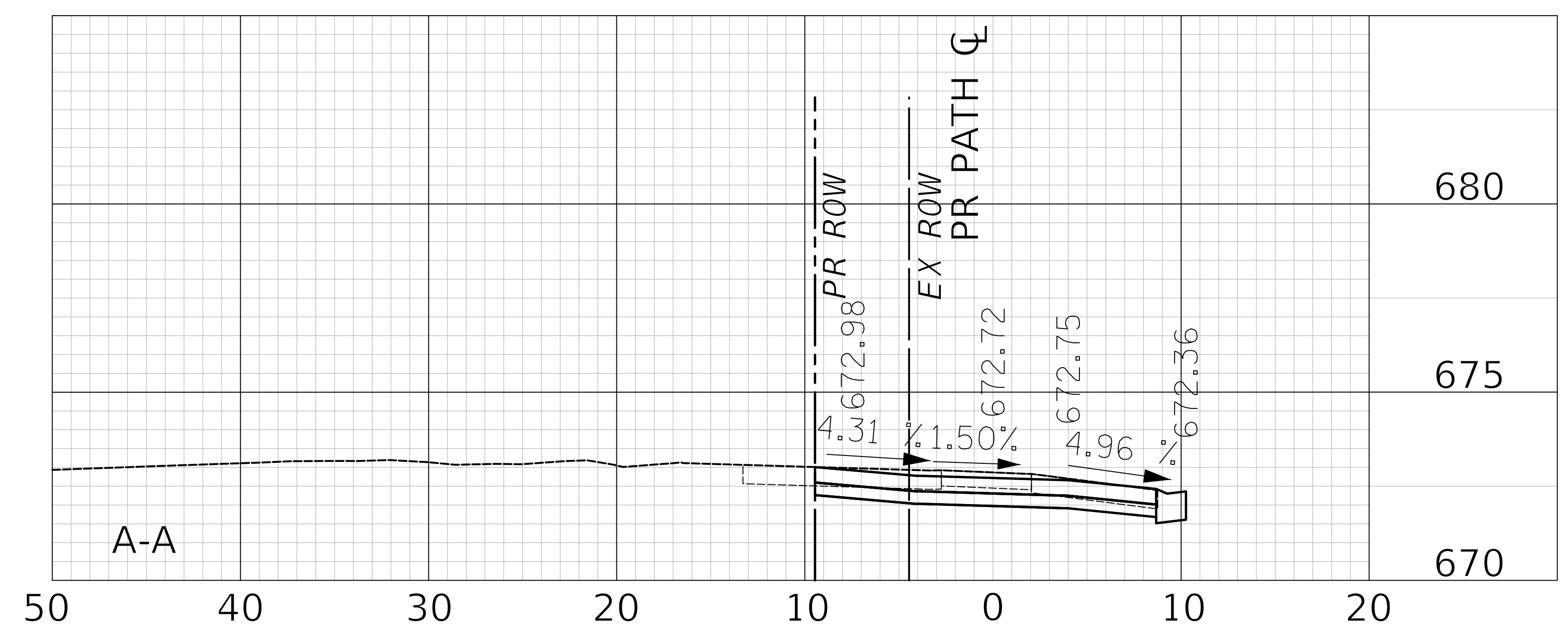
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	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	



702 W GREEN STREET  
PIN: 03-14-301-007

- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B 6"
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH AGGREGATE BASE COURSE, TYPE B 4"
  - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.
  - PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.



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DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

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



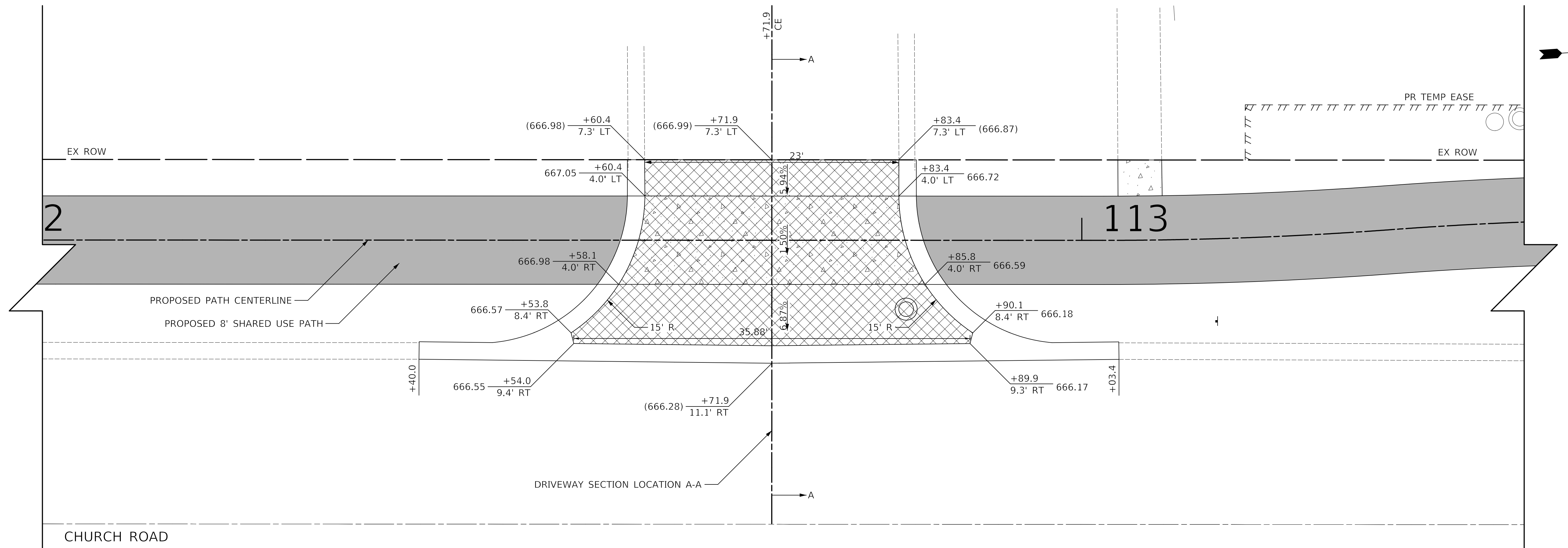
**DRIVEWAY DETAIL**  
**STA. 106 + 95.1**

SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	19
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	


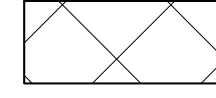



PLAN	SURVEYED	DATE
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	BY	
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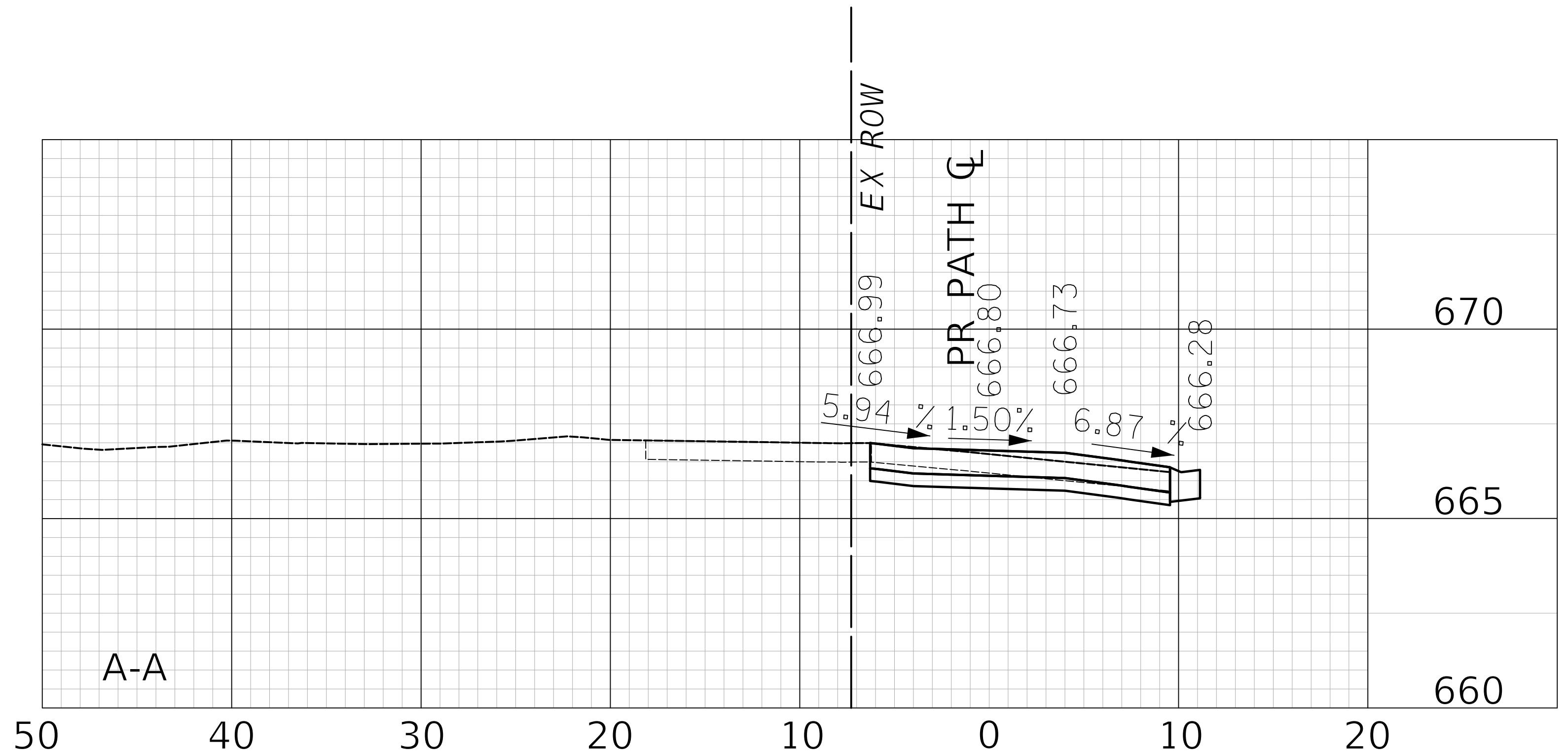
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	



100 N CHURCH ROAD  
PIN: 03-14-119-013

**LEGEND**

-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"  
AGGREGATE BASE COURSE, TYPE B 6"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.
-  PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH  
AGGREGATE BASE COURSE, TYPE B 4" MIN.



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CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



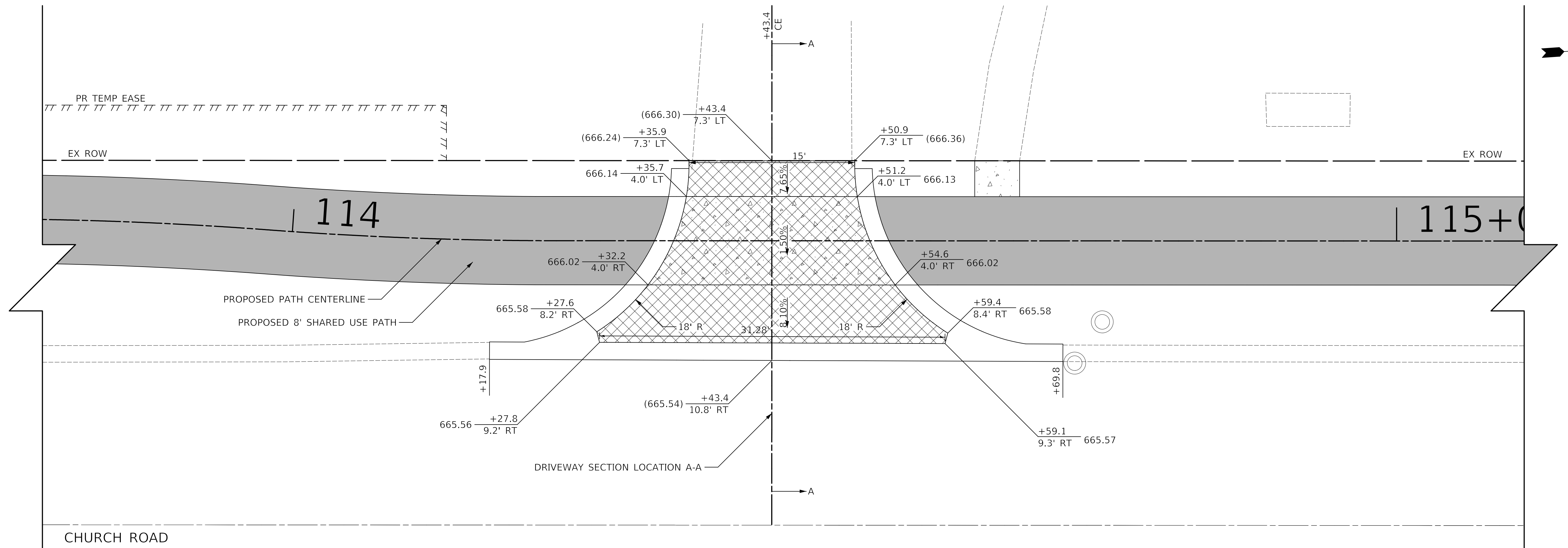
**DRIVEWAY DETAIL  
STA. 112 + 71.9**

SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	20
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	




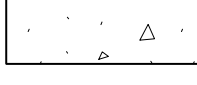

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	CHECKED	
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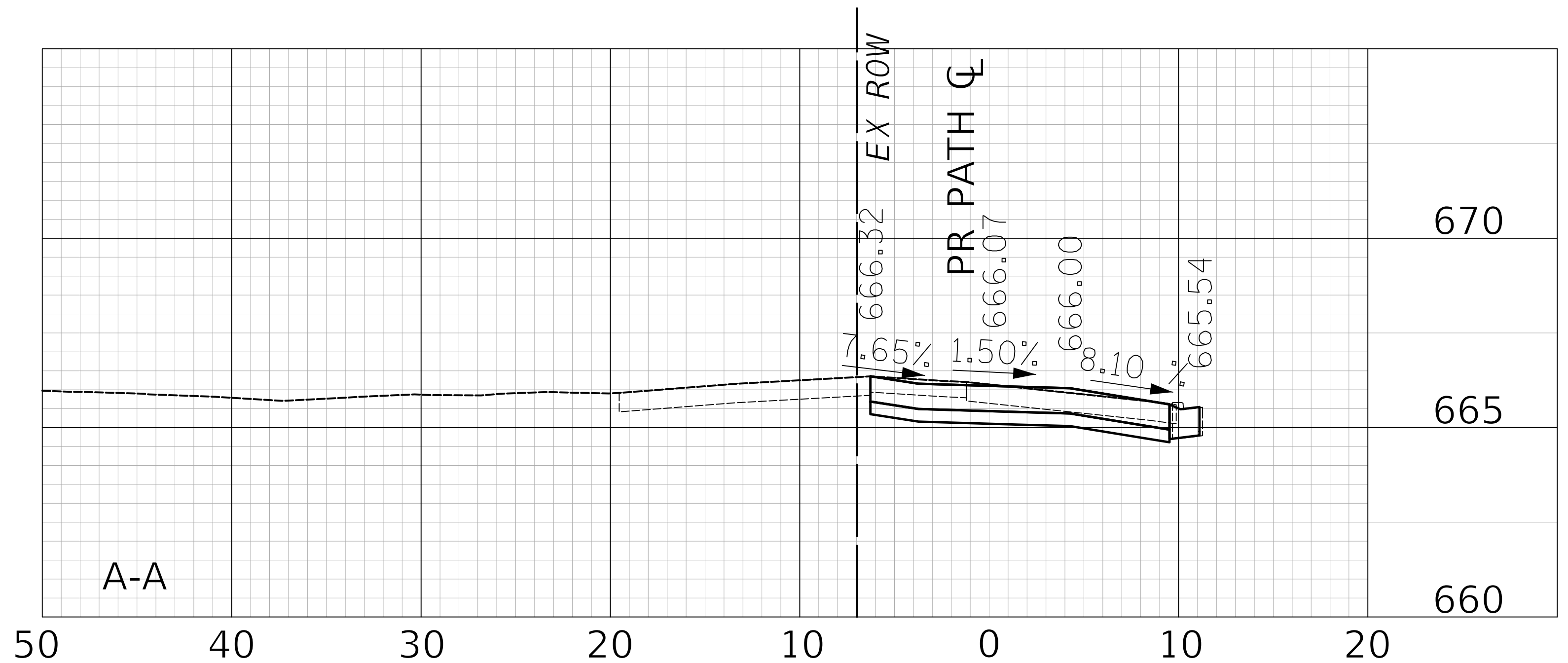
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	



100 N CHURCH ROAD  
PIN: 03-14-119-013

**LEGEND**

-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B 6"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.
-  PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.



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DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



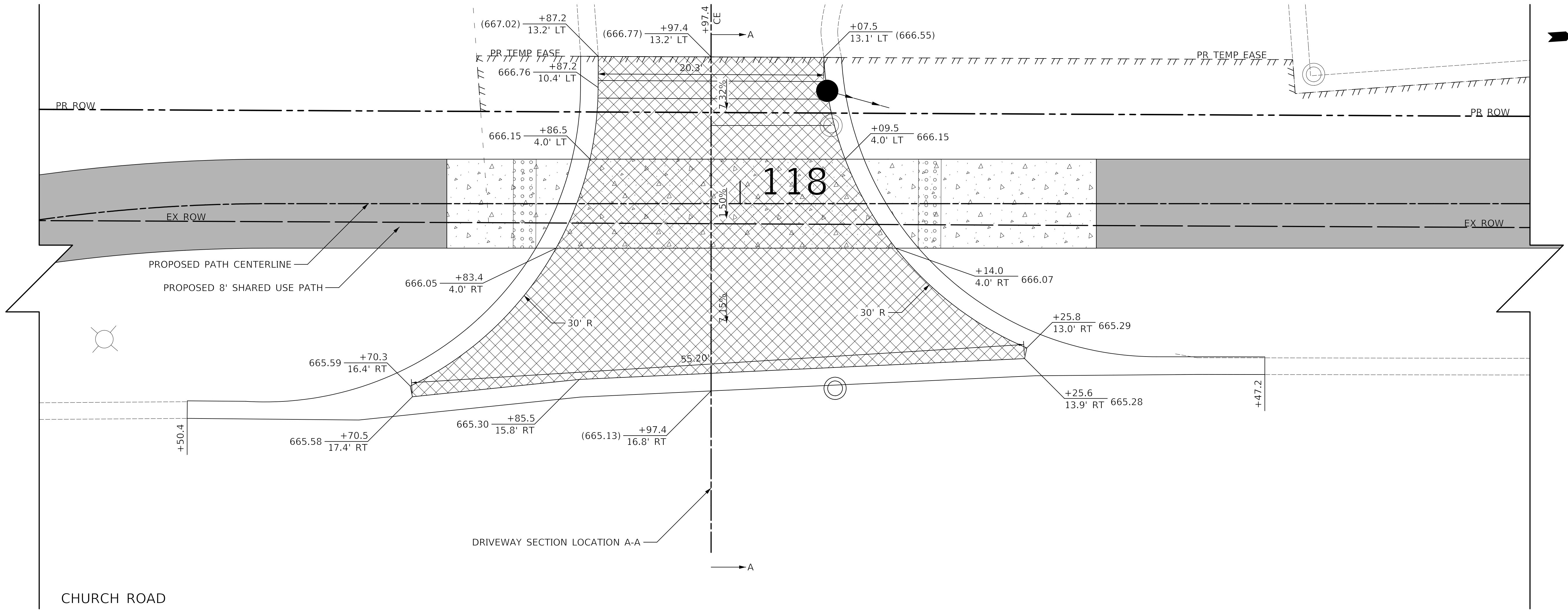
**DRIVEWAY DETAIL  
STA. 114 + 43.4**

SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	

PLAN	SURVEYED	DATE
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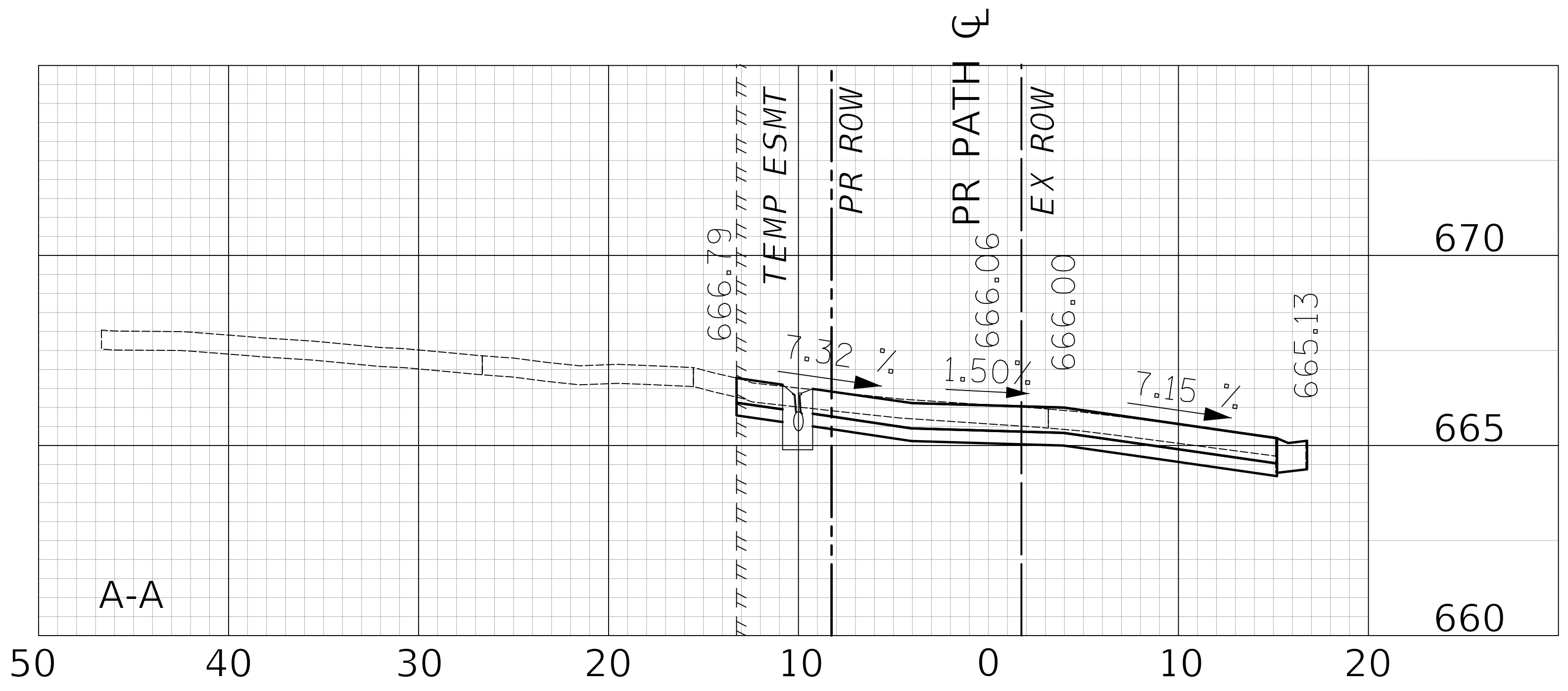
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. OF WAY CHECKED	
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	STRUCTURE NOTATIONS CHKD	



700 W IRVING PARK BOULEVARD  
PIN: 03-14-119-012

**LEGEND**

[Solid Grey]	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" AGGREGATE BASE COURSE, TYPE B 6"
[Diagonal Hatching]	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH AGGREGATE BASE COURSE, TYPE B 4"
[Cross Hatching]	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH AGGREGATE BASE COURSE, TYPE B 4"
[Dotted Pattern]	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.
[Cross Hatching]	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH AGGREGATE BASE COURSE, TYPE B 4" MIN.



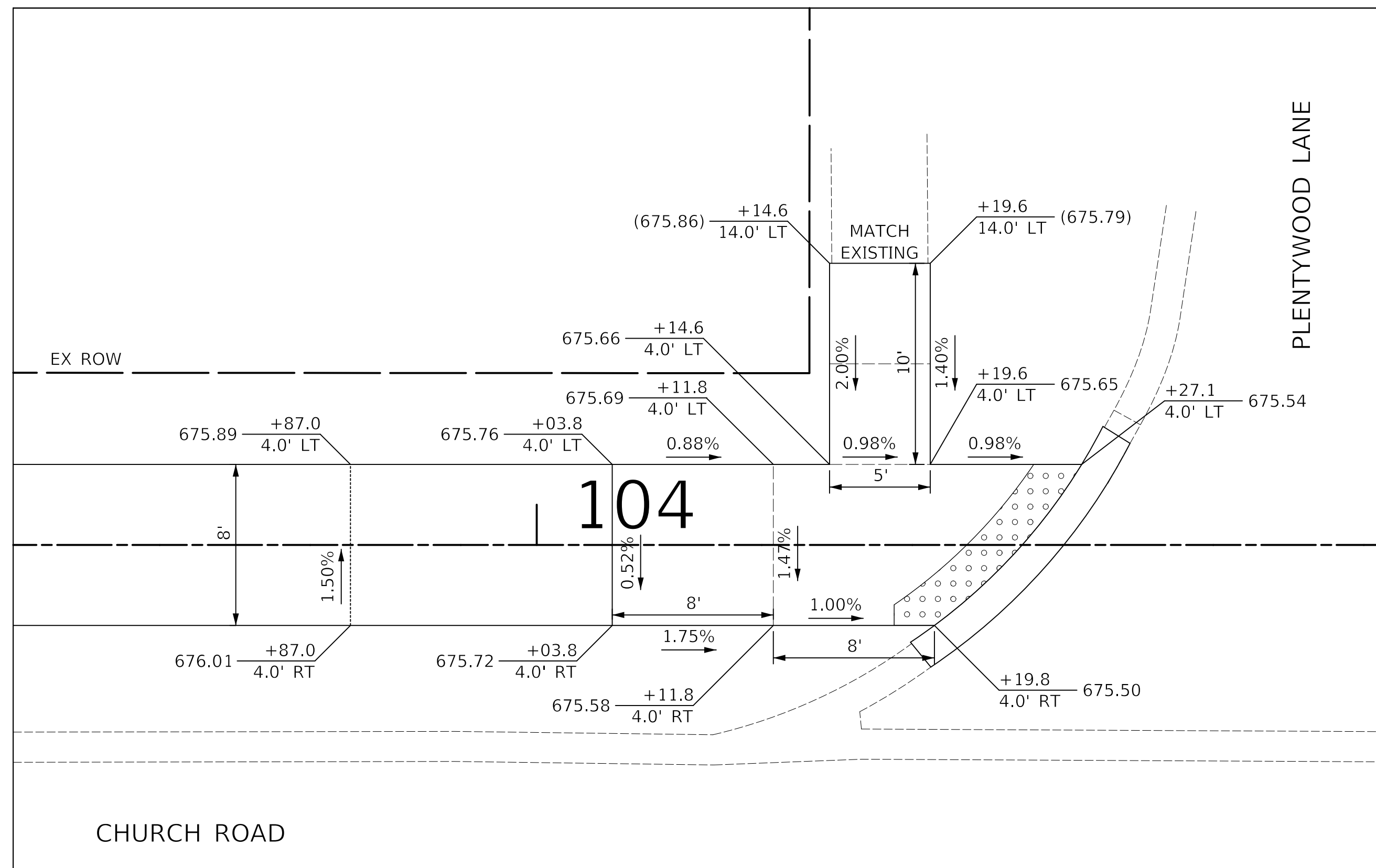
DESIGNED -	JRR	REVISED -	
DRAWN -	TFS	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	2/21/2019	REVISED -	



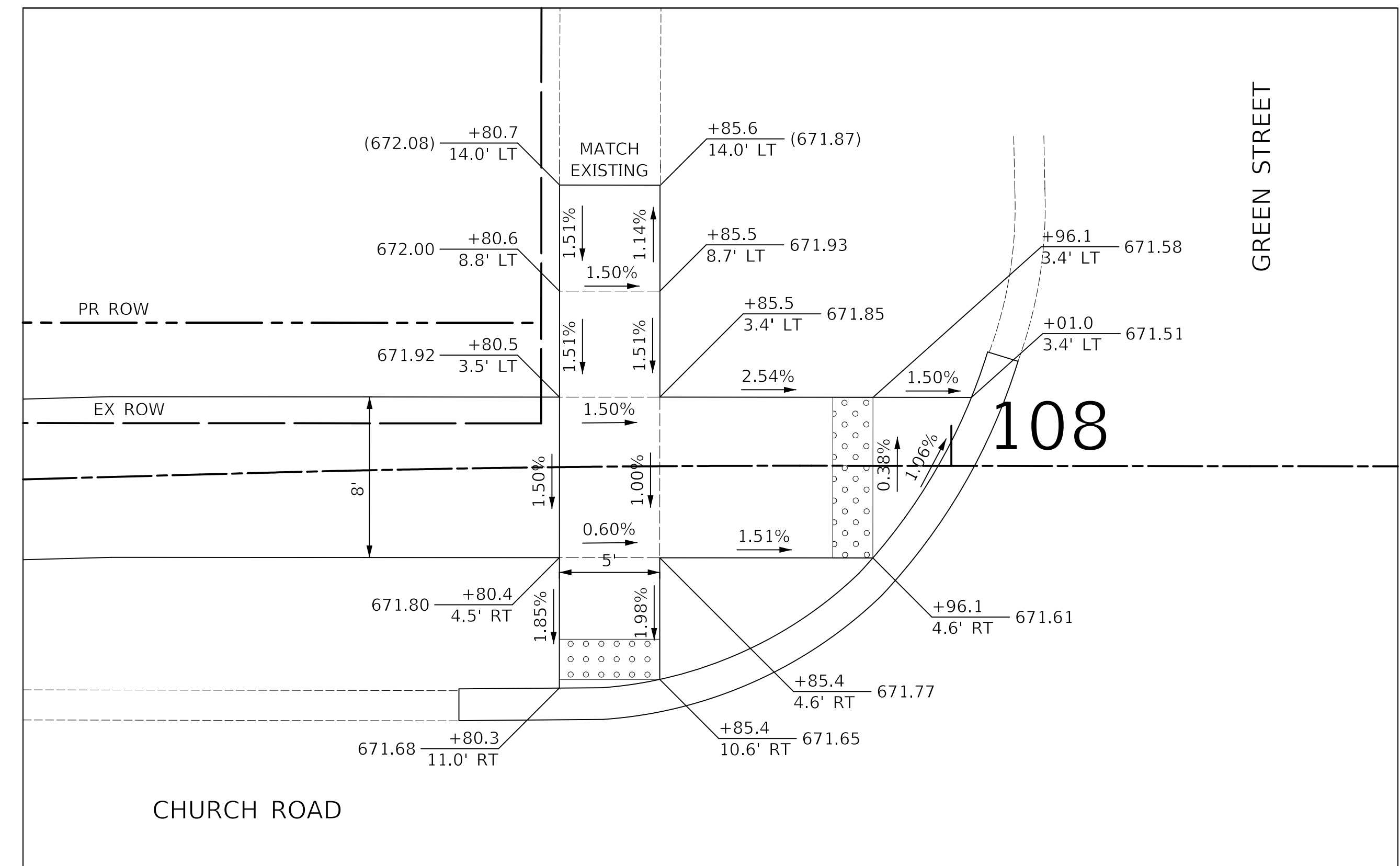
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E96

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. OF WAY CHECKED	
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	NO.	

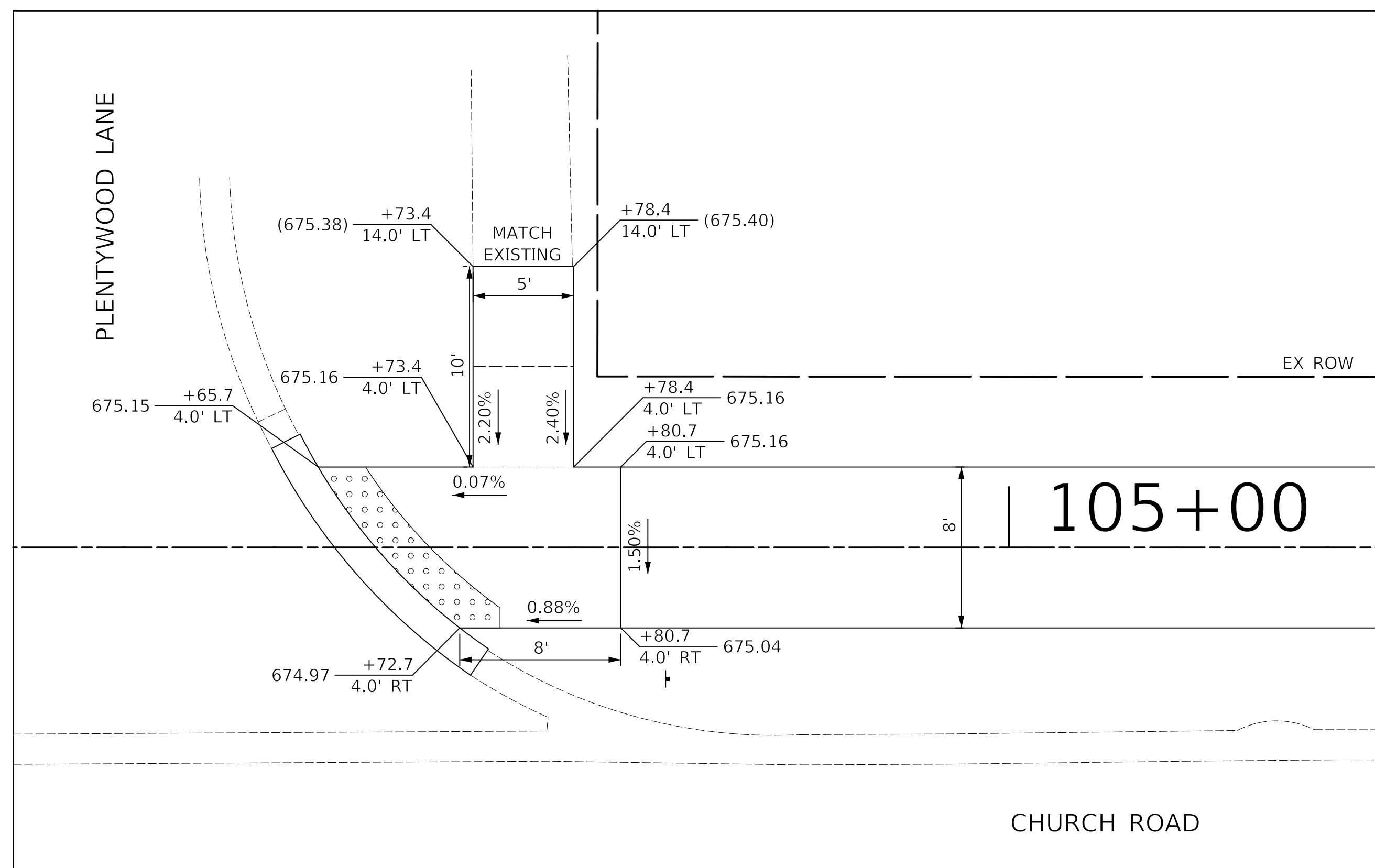
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	PLOTTED	BY
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	NOTE BOOK	
	NO.	



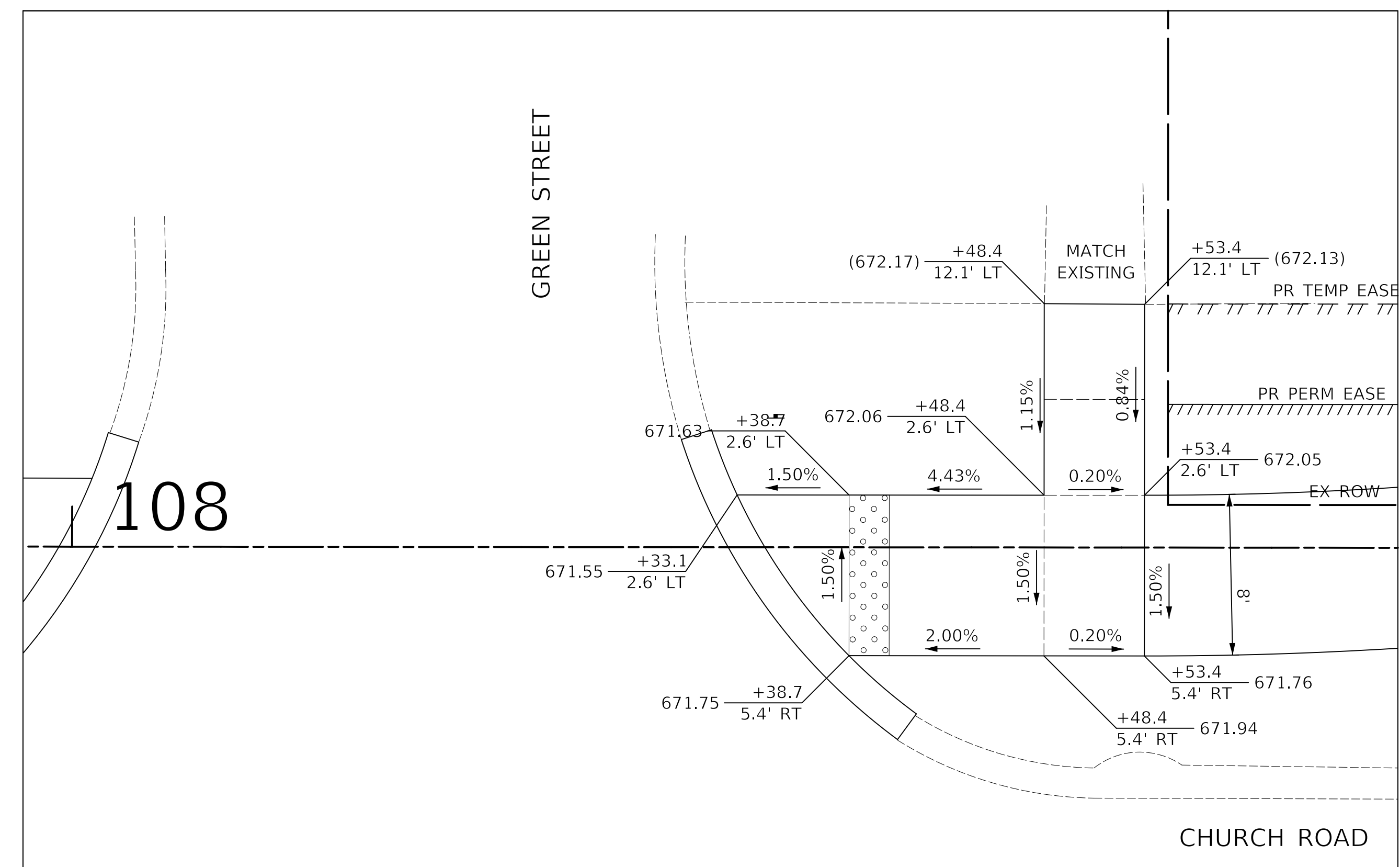
SOUTHWEST CORNER OF CHURCH ROAD AND PLENTYWOOD LANE



SOUTHWEST CORNER OF CHURCH ROAD AND GREEN STREET



NORTHWEST CORNER OF CHURCH ROAD AND PLENTYWOOD LANE



NORTHWEST CORNER OF CHURCH ROAD AND GREEN STREET



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DATE -	2/21/2019	REVISED -	

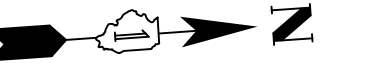
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ADA RAMP DETAILS

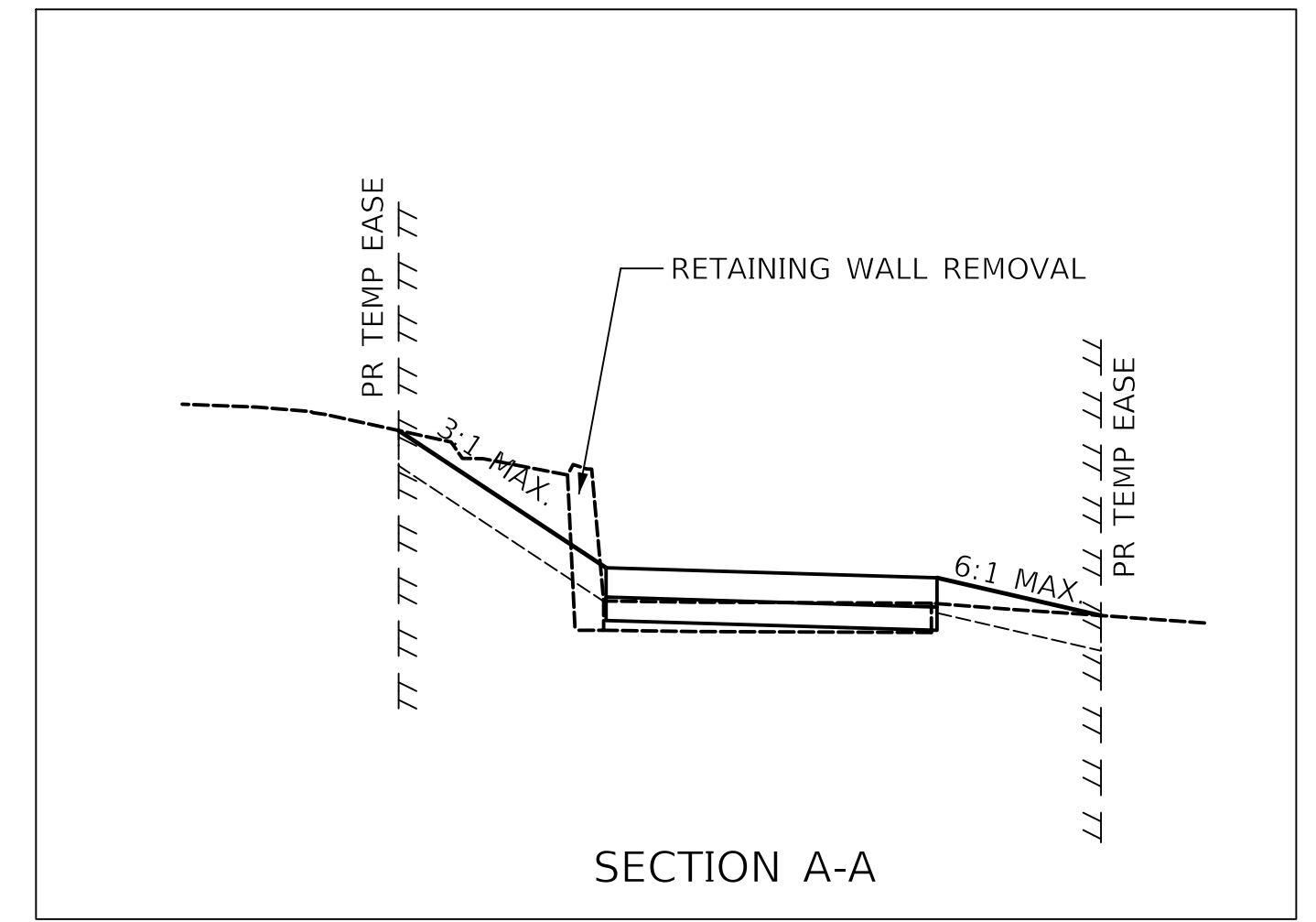
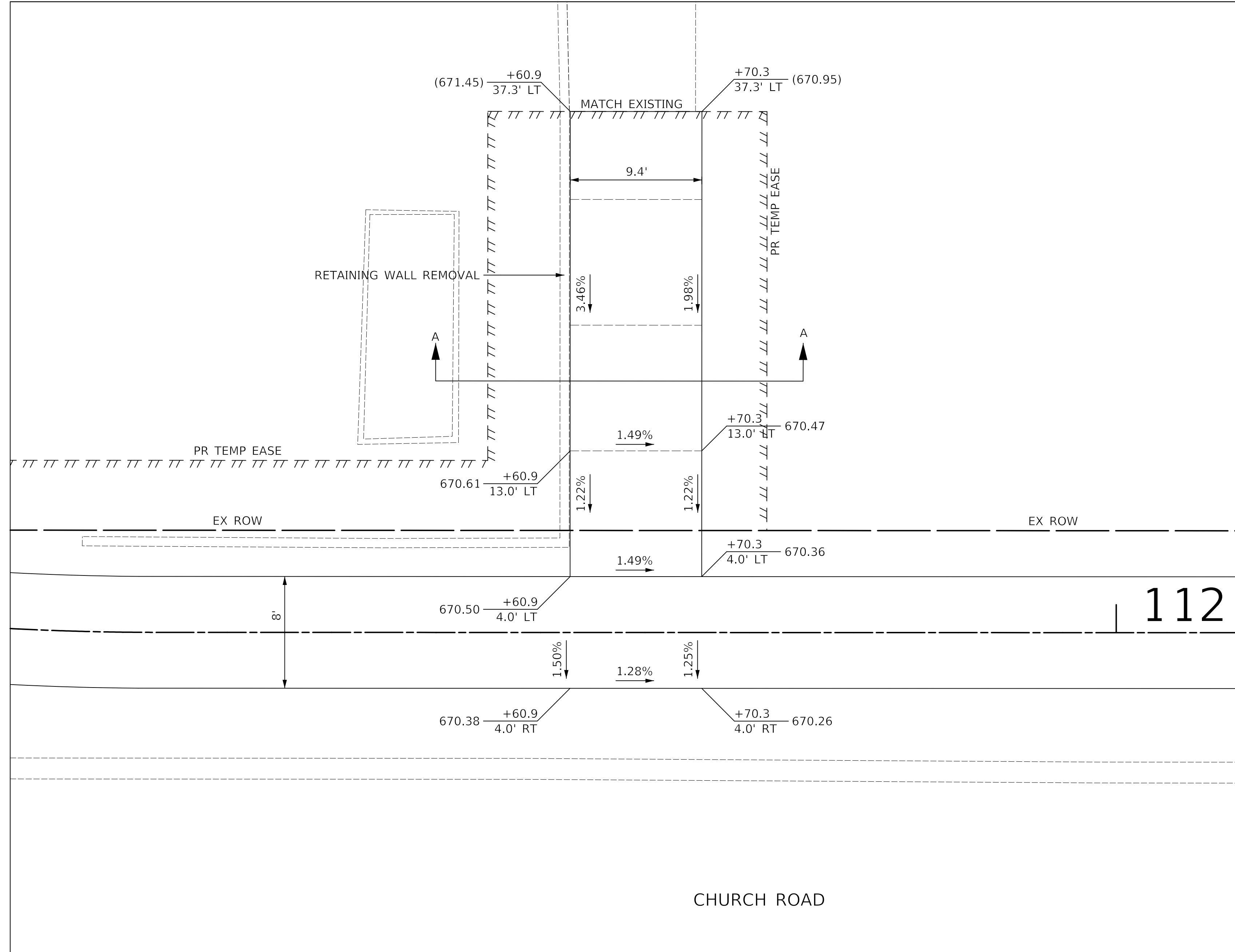
SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	23
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	STRUCTURE NOTATIONS CHKD	



CHURCH ROAD  
WEST SIDE OF CHURCH ROAD  
NORTH OF MAIN STREET

112

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DATE - 2/21/2019	REVISED -

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



**ADA RAMP DETAILS**

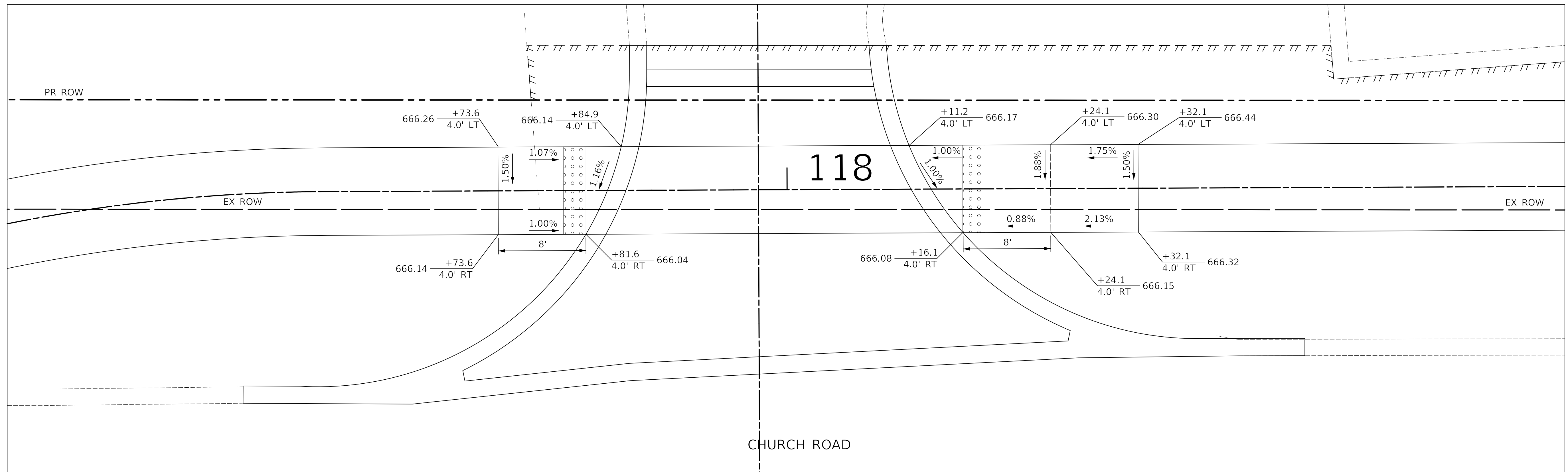
SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	

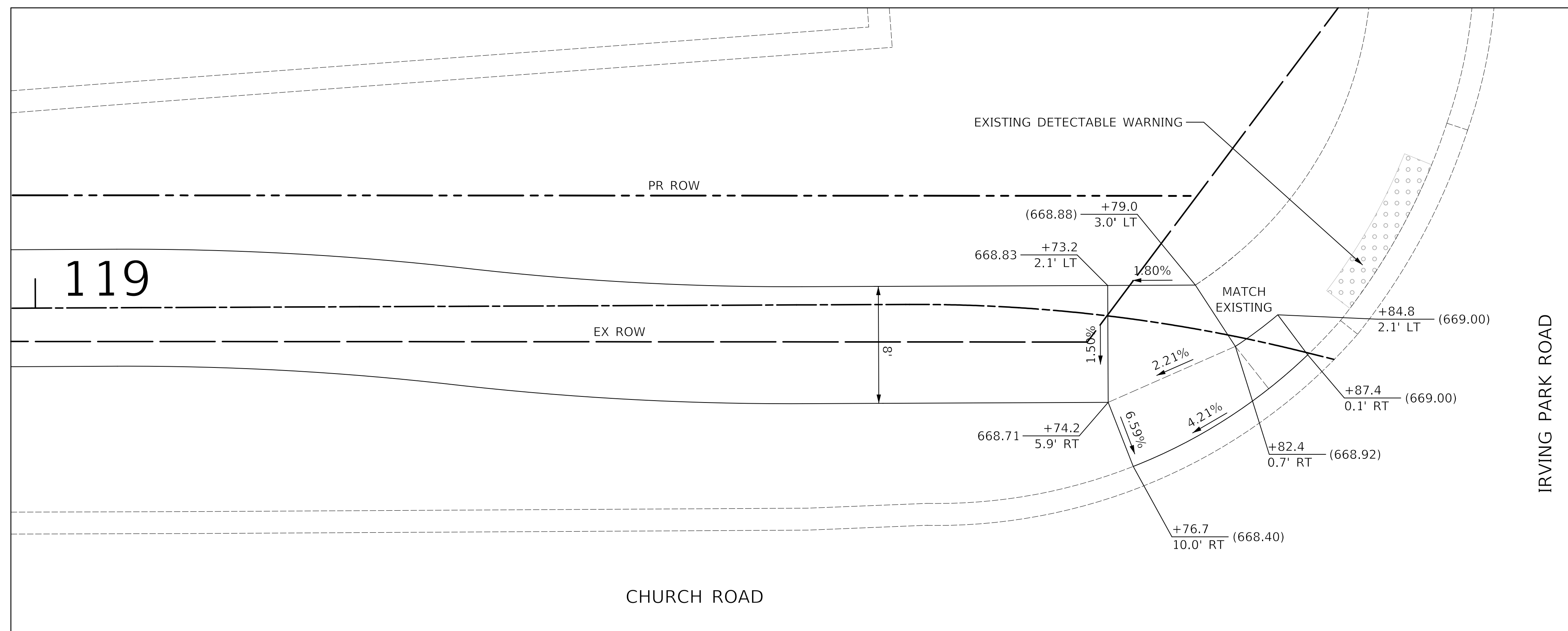


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	NO.	ADD. FILE NAME

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	PI. NOTED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



WEST SIDE OF CHURCH ROAD  
ENTRANCE TO DRIVEWAY AT STA. 117+97.4



SOUTHWEST CORNER OF  
CHURCH ROAD AND IRVING PARK ROAD



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ADA RAMP DETAILS

SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E96	

## DCDOT EROSION CONTROL NOTES

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

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	BY	
	DATE	

## GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES

- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS URBAN MANUAL (JUNE, 2013 EDITION)".
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY WORK BEGINS.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH 1/2" RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY. ALL MAINTENANCE OF EROSION CONTROL ITEMS IS INCLUDED IN THE COST OF THE ITEM AND NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO THE CONTRACTOR.
- ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
- INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER.
- ALL SLOPES SHALL BE COVERED WITH SOD OR SEED & EROSION CONTROL BLANKET AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

## PERMIT

- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE VILLAGE OF BENSENVILLE. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT A STREAM DIVERSION WORK PLAN TO THE VILLAGE FOR APPROVAL. GUIDELINES ON ACCEPTABLE STREAM DIVERSION WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PROPOSED CULVERT BEING INSTALLED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## DEWATERING

- IF DEWATERING THE CONSTRUCTION AREA IS NECESSARY, ALL WATERS SHALL BE FILTERED BY USING FILTER BAGS OR AN ALTERNATIVE MEASURE APPROVED BY THE VILLAGE. ALL FILTER BAGS MUST HAVE SECONDARY CONTAINMENT DEVICES AND SHOULD BE PLACED ON LEVEL GROUND. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE ORIGINAL LAKE, CREEK AND/OR DITCH. THE DISCHARGE SHALL BE DESIGNED SO THAT RETURNING WATERS DO NOT CAUSE EROSION. THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN TO THE VILLAGE THAT INCLUDES THE METHOD, DESIGN, LOCATION, AND MAINTENANCE OF DEWATERING AS PART OF THE IN-STREAM WORK PLAN.

## WORKING IN AND NEAR FLOWING WATER

- NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHALL BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DIVERTING OR BYPASSING FLOWS AWAY FROM CONSTRUCTION AREAS. THE METHOD OF DEWATERING OR BYPASS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE CITY AS PART OF THE IN-STREAM WORK PLAN.
- THE DEWATERING OR BYPASS SYSTEM SHALL BE DESIGNED TO CONVEY THE ANTICIPATED BASE FLOW OF THE CHANNEL DURING CONSTRUCTION. THE SYSTEM SHALL ALSO BE DESIGNED SO THAT DISCHARGES FROM LARGER STORM EVENTS CAN PASS DOWNSTREAM WITHOUT CREATING SOIL EROSION AND WATER QUALITY ISSUES.
- ALL SYSTEMS TO DIVERT WATER AWAY FROM WORK AREAS SHALL BE INSTALLED PRIOR TO THE START OF WORK. WATER SHALL BE DIVERTED OR BYPASS PUMPED SO THAT FLOWING WATER IS NOT WITHIN EXCAVATION AREAS.
- WORK IN THE WATERWAY SHALL BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
- THE DIVERSION/ISOLATION OF THE CREEK FLOWS MUST BE CONSTRUCTED FROM NON-ERODIBLE MATERIALS.
- THE WORK SHALL BE PERFORMED IN A MANNER THAT SHALL NOT ALLOW A VIOLATION OF FEDERAL, STATE, OR LOCAL WATER QUALITY STANDARDS.
- EXCAVATED AREAS SHALL BE STABILIZED AS SOON AS THE WORK HAS BEEN COMPLETED.
- WATER DIVERSION MEASURES MUST BE REMOVED TO PREVENT OUT OF BANK FLOODING (I.E. PRIOR TO A FORECASTED RAIN EVENT).

## KANE-DUPAGE SOIL & WATER CONSERVATION DISTRICT NOTES

- THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- A COPY OF THE APPROVED EROSION & SEDIMENT CONTROL PLANS AND IN-STREAM WORK PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- KDSWCD MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO START OF THE IN-STREAM WORK.
- KDSWCD MUST BE IN AGREEMENT WITH THE OVERALL METHOD OF CREEK DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS), A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA).

## STABILIZING CONSTRUCTION AREAS

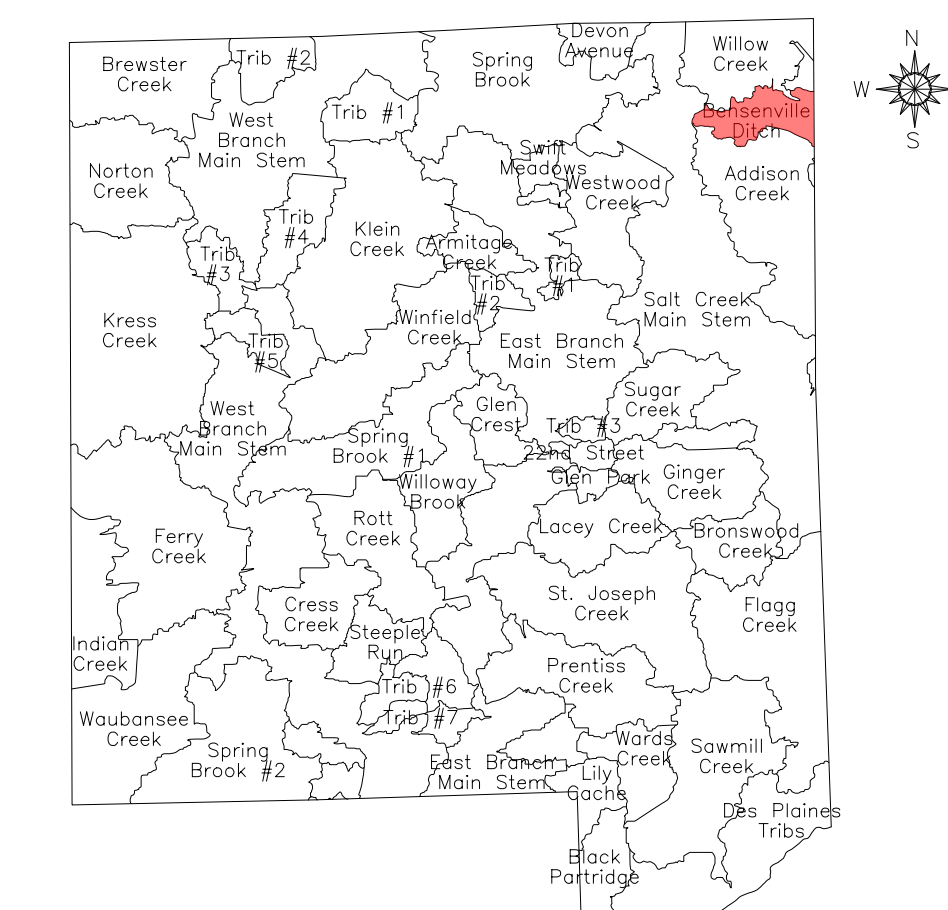
- TEMPORARY STABILIZATION OF THE CONSTRUCTION AREA SHALL TAKE PLACE AT THE END OF EACH WORK DAY. THIS SHALL INCLUDE REMOVAL OF ALL EQUIPMENT AND HAZARDOUS MATERIAL WITHIN THE CHANNEL.
- PERMANENT STABILIZATION OF THE CONSTRUCTION AREA SHALL BE COMPLETED AT THE END OF EACH MAJOR STAGE OF WORK.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF FINAL GRADING OR WHEN LEFT IDLE FOR MORE THAN 14 DAYS.
- THE COMPLETED SLOPES SHALL BE PERMANENTLY SEEDED WHERE PRACTICAL AS THE EXCAVATION PROCEEDS TO ANOTHER STAGE OF CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY LANDSCAPED AT ONE TIME.

## IN-STREAM CONSTRUCTION SEQUENCE

- INSTALL SOIL EROSION AND SEDIMENT CONTROL MEASURES, AND IMPLEMENT APPROVED TEMPORARY STREAM DIVERSION PLAN FOR CULVERT INSTALLATION.
- UPON COMPLETION OF CULVERT INSTALLATION, TEMPORARY STREAM DIVERSION MEASURES WILL BE REMOVED.

### NOTE:

THE CULVERT CONSTRUCTION SEQUENCE ABOVE IS A SUGGESTED SEQUENCE. DEPENDING ON HOW THE CONTRACTOR DEVELOPS AND IMPLEMENTS THE STREAM DIVERSION WORK PLAN, THE CONSTRUCTION SEQUENCE MAY VARY. REGARDLESS, THE STREAM DIVERSION WORK PLAN MUST BE APPROVED BY THE VILLAGE.



- DES PLAINES RIVER WATERSHED
  - Willow Creek
  - Bensenville Ditch
  - Flagg Creek
  - Des Plaines Tribs
  - Black Partridge
  - Addison Creek

### NPDES STATEMENT:

THIS PROJECT DISTURBS 0.84 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA; NO NPDES STORMWATER PERMIT IS REQUIRED FOR THIS PROJECT.



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
www.civiltechinc.com

DESIGNED - JRR  
DRAWN - TFS  
CHECKED - KRK  
DATE - 2/21/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

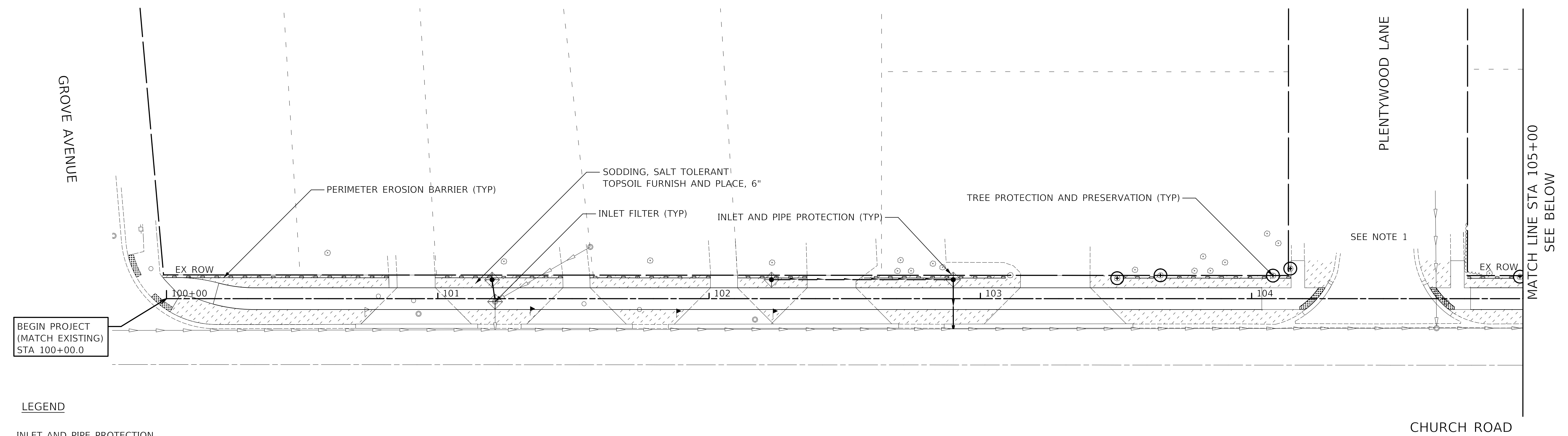
EROSION CONTROL  
AND LANDSCAPING

SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	26
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO. OF WAY CHECKED	
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	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
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	BY	
	NO. OF WAY CHECKED	
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	ADD. FILE NAME	

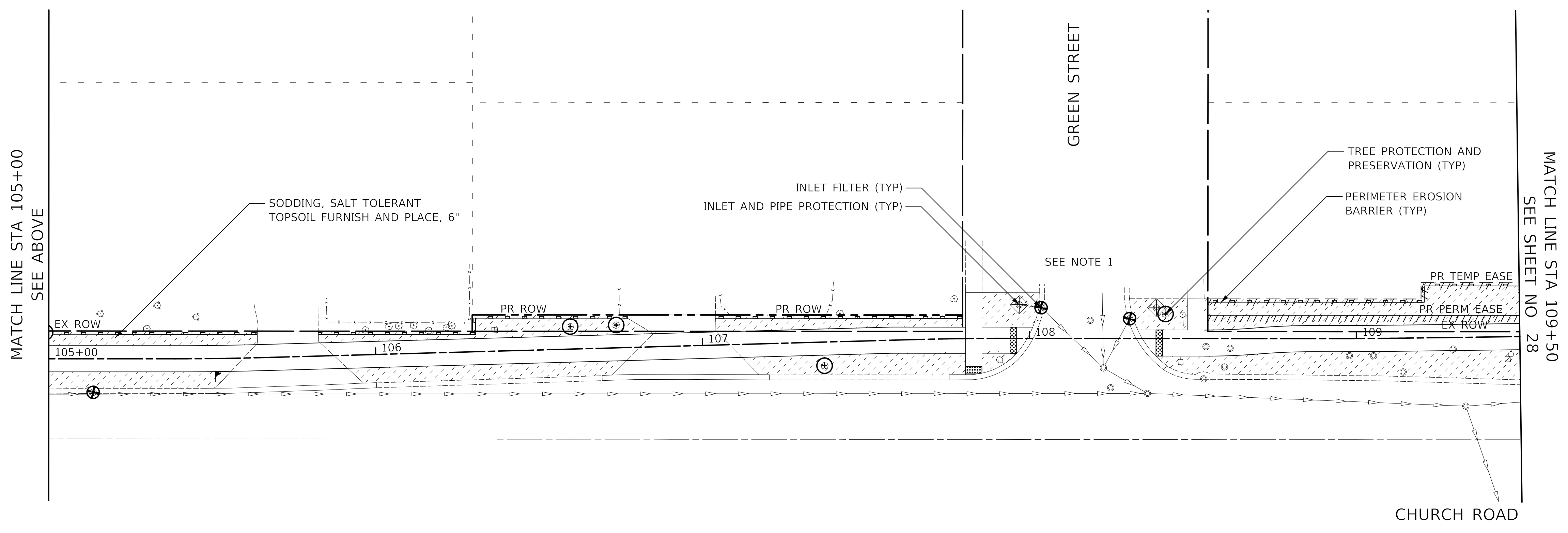


**LEGEND**

- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- PROPOSED TREES
- TREE PROTECTION & PRESERVATION, MULCH PLACEMENT 3" (5' DIA. RING) TREE ROOT PRUNING AND TREE PRUNING (AT THE DIRECTION OF ENGINEER)
- SODDING, SALT TOLERANT TOPSOIL PLACEMENT, 6" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
- SEEDING, CLASS 4A (MODIFIED) TOPSOIL PLACEMENT, 6" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) (NO FERTILIZER WILL BE ALLOWED ON THESE AREAS) EROSION CONTROL BLANKET

**NOTE**

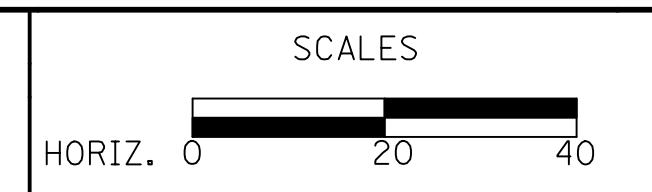
1. PLACE INLET FILTERS ON THE FIRST OPEN LID STRUCTURES WEST OF CHURCH ROAD, ALONG PLENTYWOOD LANE AND GREEN STREET



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 Itasca, Illinois 60143  
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DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

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

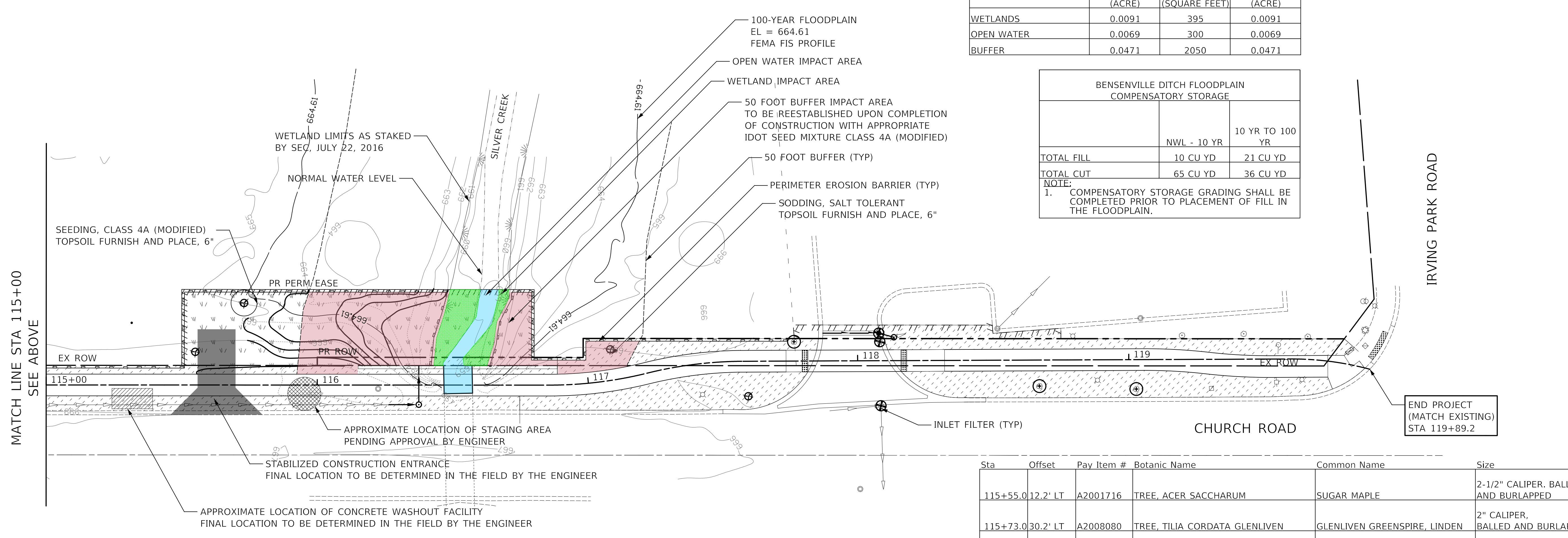
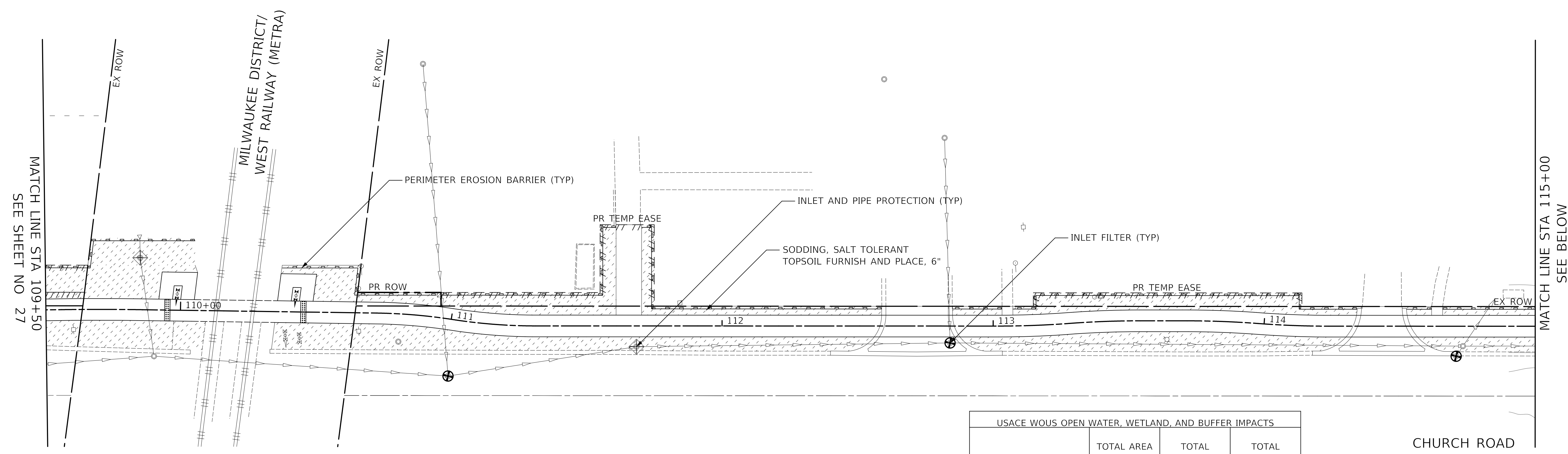


**EROSION CONTROL AND LANDSCAPING**  
 SHEET NO. 2 OF 3 SHEETS STA. 100+00 TO STA. 109+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	27
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO. OF WAY CHECKED	
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	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	



USACE WOUS OPEN WATER, WETLAND, AND BUFFER IMPACTS			
	TOTAL AREA WITHIN ROW (ACRE)	TOTAL IMPACT AREA (SQUARE FEET)	TOTAL IMPACT AREA (ACRE)
WETLANDS	0.0091	395	0.0091
OPEN WATER	0.0069	300	0.0069
BUFFER	0.0471	2050	0.0471

BENSenville DITCH FLOODPLAIN COMPENSATORY STORAGE		
	NWL - 10 YR	10 YR TO 100 YR
TOTAL FILL	10 CU YD	21 CU YD
TOTAL CUT	65 CU YD	36 CU YD

NOTE:  
1. COMPENSATORY STORAGE GRADING SHALL BE COMPLETED PRIOR TO PLACEMENT OF FILL IN THE FLOODPLAIN.

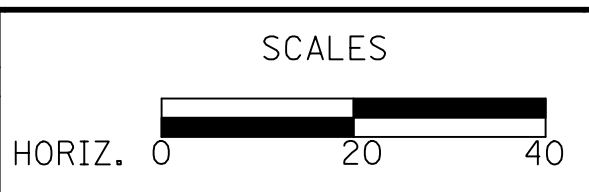
Sta	Offset	Pay Item #	Botanic Name	Common Name	Size	Qty
115+55.0	12.2' LT	A2001716	TREE, ACER SACCHARUM	SUGAR MAPLE	2-1/2" CALIPER, BALLED AND BURLAPPED	1
115+73.0	30.2' LT	A2008080	TREE, TILIA CORDATA GLENLIVEN	GLENLIVEN GREENSPIRE, LINDEN	2" CALIPER, BALLED AND BURLAPPED	1
117+10.0	11.4' LT	A2001716	TREE, ACER SACCHARUM	SUGAR MAPLE	2" CALIPER, BALLED AND BURLAPPED	1
117+73.1	16.6' LT	A2008080	TREE, TILIA CORDATA GLENLIVEN	GLENLIVEN GREENSPIRE, LINDEN	2-1/2" CALIPER, BALLED AND BURLAPPED	1

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REVISED -  
REVISED -  
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REVISED -

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



**EROSION CONTROL AND LANDSCAPING**

SHEET NO. 3 OF 3 SHEETS STA. 109+50 TO STA. 120+00

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	28

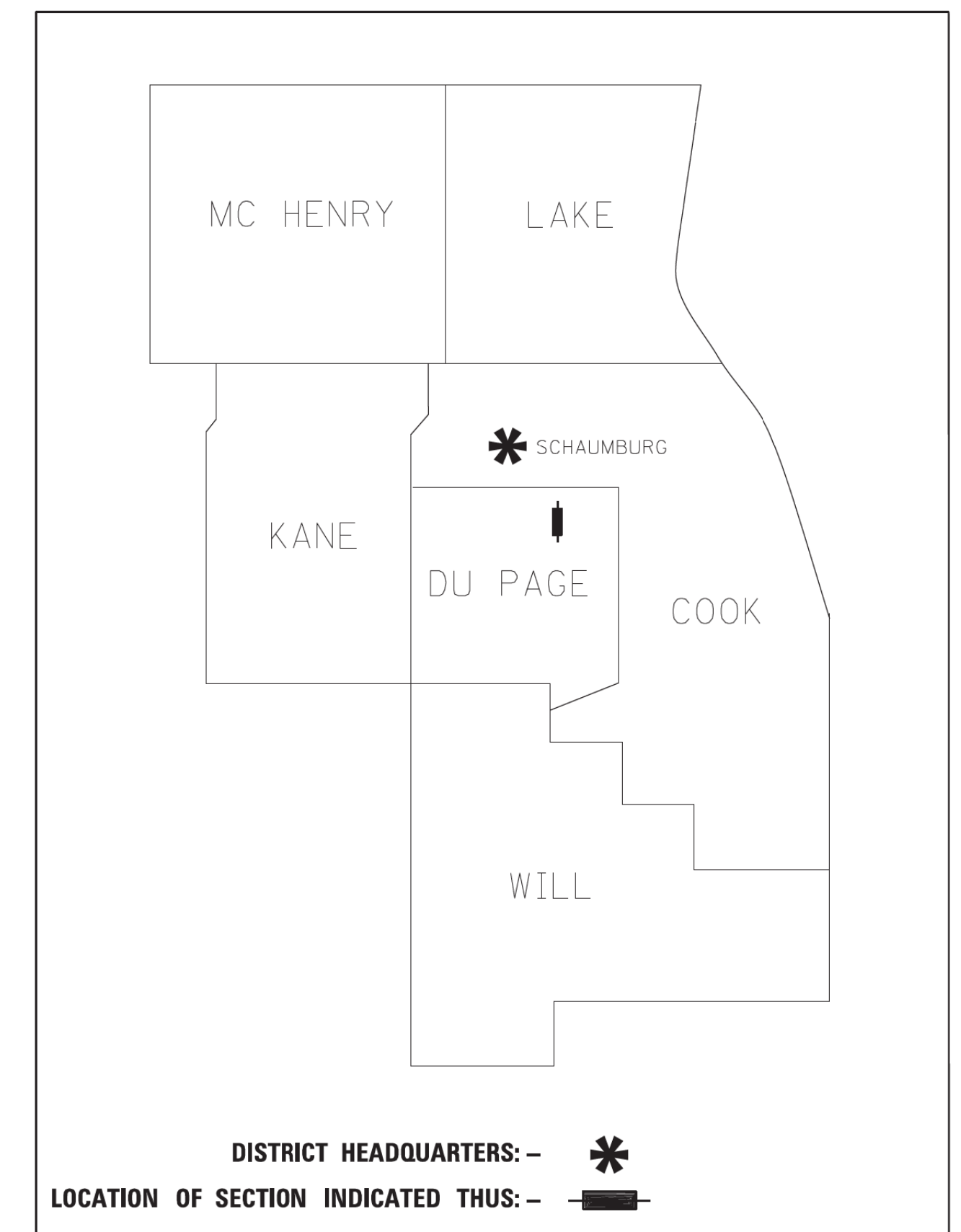
CONTRACT NO. 61E96  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

# PLAT OF HIGHWAYS

**ROUTE: F.A.U. 2667 (CHURCH ROAD)  
SECTION: 16-00095-00BT  
COUNTY: DuPAGE  
LIMITS: GROVE AVENUE TO IRVING PARK ROAD  
JOB NO.: R-55-001-97**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001	ROLAND ZABLOCKI	2	
0002PE 0002TE	CSMA FT, LLC, A DELAWARE LIMITED LIABILITY COMPANY	2	
0003	NOT USED		
0004A 0004B 0004TE-A 0004TE-B 0004PE	VILLAGE OF BENSENVILLE, A MUNICIPAL CORPORATION	3,4	
0005 0005TE	SCI 2003D-19 LLC, A DELAWARE LIMITED LIABILITY COMPANY	4,5	



**N. CHURCH ROAD  
F.A.U. ROUTE 2667  
PROJECT BEGIN POINT: 106 + 00.00  
PROJECT END POINT: 119 + 89.22**

GROSS & NET LENGTH = 1,389 FT. = 0.263 MILE



## LOCATION MAP

(NTS)

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

**COMPASS SURVEYING LTD** 2631 Ginger Woods Parkway,  
Suite 100 Aurora IL 60502  
PHONE: (630)820-9100  
FAX: (630)820-7030

**IDOT USE ONLY**

PART OF THE NORTH HALF OF SECTION 14, TWP. 40 N., R. 11 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0001	0.241	0.017		0.224			03-14-301-007
0002PE	0.183				0.013		03-14-122-016
0002TE					0.018		

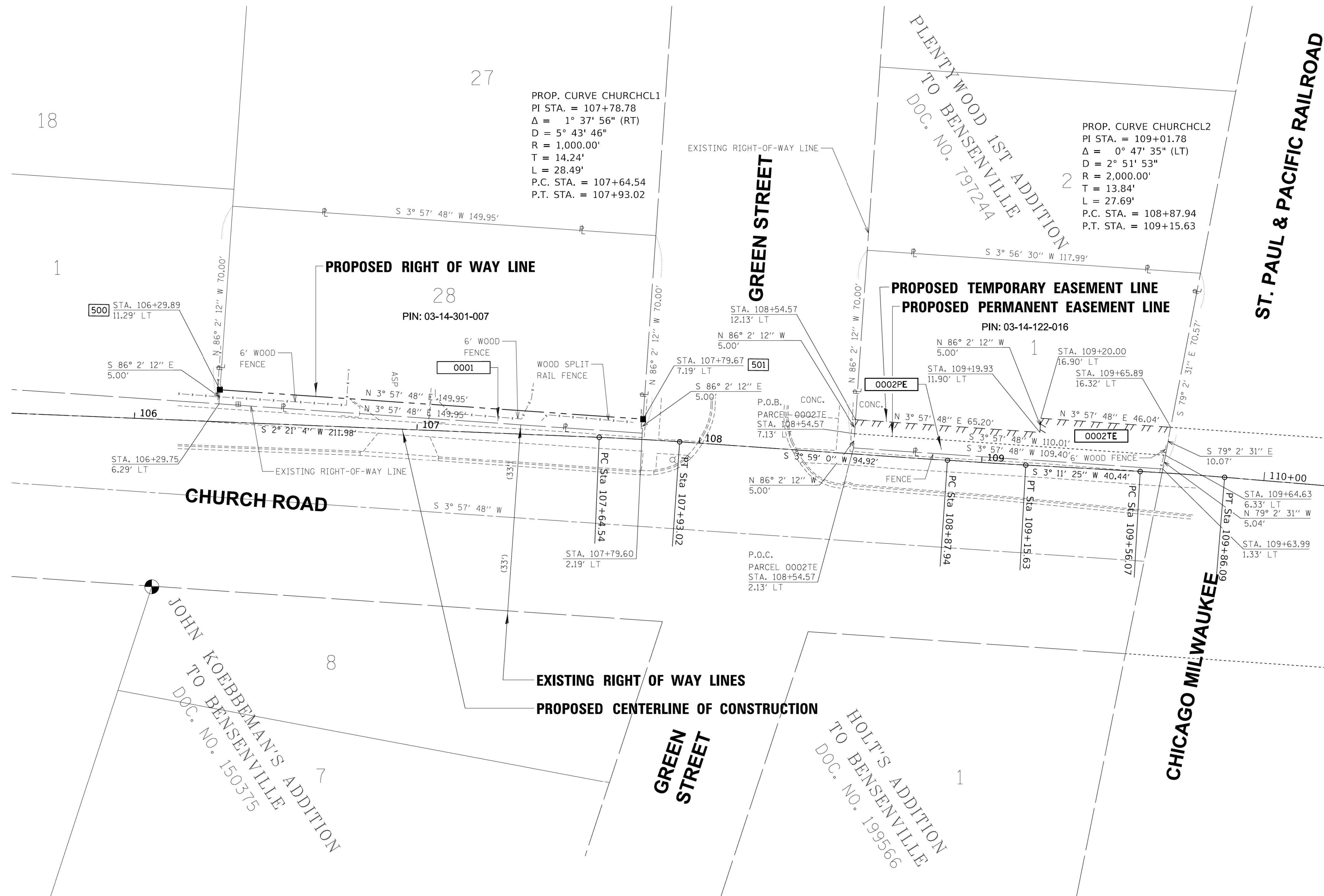
NOTES:  
 \* ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.  
 \* BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".  
 \* ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99995957.  
 \* AREAS SHOWN ON THIS PLAT ARE "GROUND".

PROJECT COORDINATES

Point	North	East
500	1927183.35	1088660.27
501	1927332.94	1088670.63

LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- \*MAG' NAIL SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



SEE PAGE 2 OF 6

STATE OF ILLINOIS )  
 COUNTY OF KANE )  
 THIS IS TO CERTIFY THAT I, SCOTT KREBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, COMPASS SURVEYING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002778), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 45 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
 DATED AT \_\_\_\_\_, ILLINOIS THIS \_\_\_ DAY OF \_\_\_\_\_ 20\_\_ A.D.  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3509  
 EXPIRES NOVEMBER 30, 2018  
 COMPASS SURVEYING, LTD  
 ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002778  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2019  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

F.A.U. ROUTE 2667  
 PROJECT BEGIN POINT: 106 + 00.00  
 PROJECT END POINT: 119 + 89.22

CALCULATIONS BY: S. KREBS DRAFTING BY: B. TRAVER CHECKED BY: S. KREBS REVISION DATE: 1-16-18, 2-19-18, 6-20-18 & 8-28-18 REVISION MADE BY: B. TRAVER COMPASS JOB. NO. 17.0235

IDOT USE ONLY  
 LIMITS: CHURCH ROAD COUNTY: DUPAGE  
 SECTION: 16-00095-00-BT JOB NO.: R-55-001-97  
 STA. 106+00 TO STA. 110+00  
 SCALE: 1"=20' SHEET 2 OF 6 SHEETS

COMPASS SURVEYING LTD 2631 Ginger Woods Parkway, Suite 100 Aurora IL 60502  
 PHONE: (630)820-9100 FAX: (630)820-7030

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CHURCH ROAD FAU RTE 2667  
 BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196  
 CONTRACT NO. 61E96 SHEET 30 OF 63

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0003TE	5.239	0.004 (174sq.ft.)	0.025	5.210			03-14-119-013
0003PE							
0004A							
0004B							
0004TE-A					0.021		
0004TE-B	0.011						
0004PE					0.078		

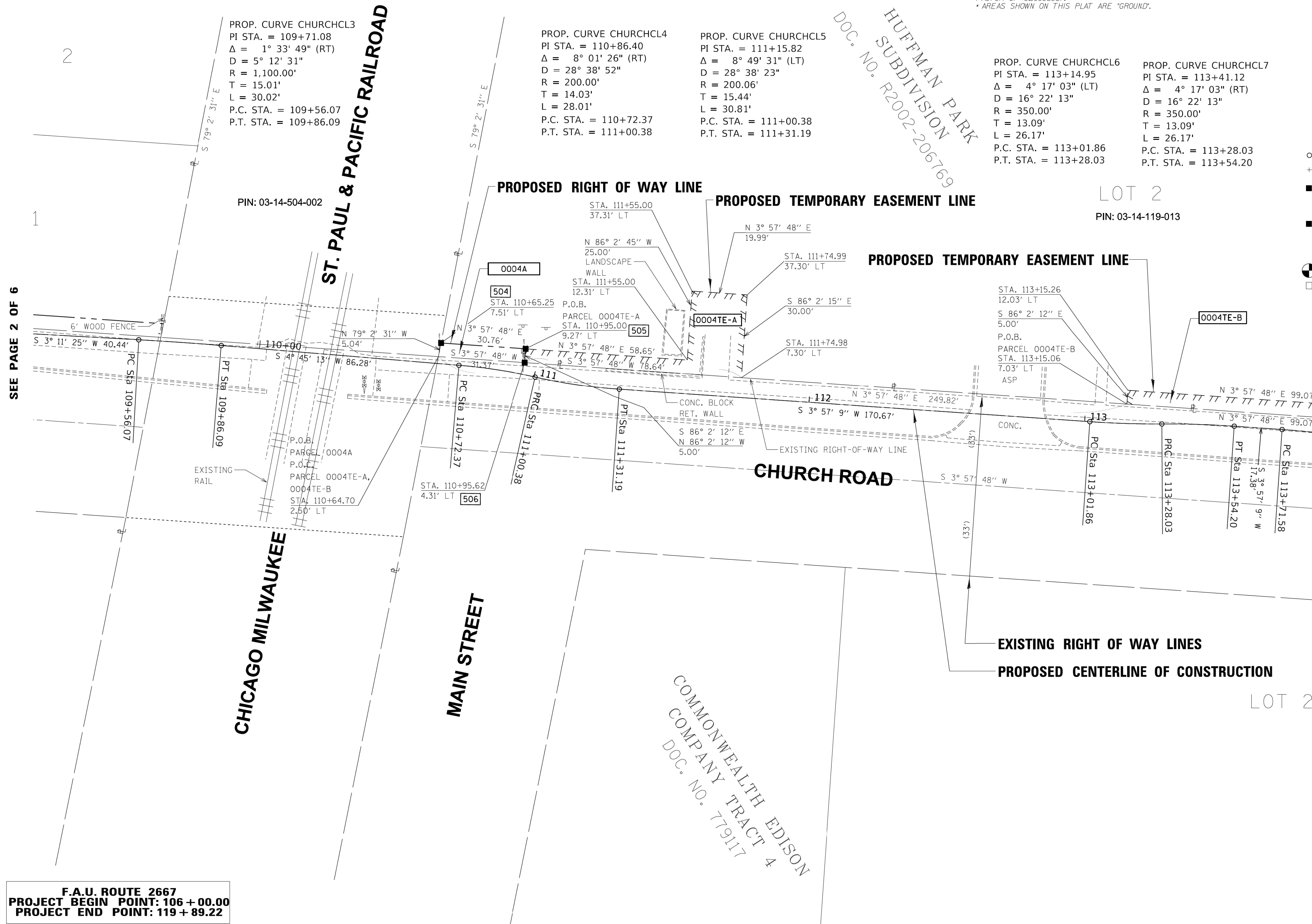
PROJECT COORDINATES

Point	North	East
504	1927618.01	1088690.38
505	1927648.70	1088692.51
506	1927648.35	1088697.50

**LEGEND**



NOTES:  
 \* ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.  
 \* BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) GRID.  
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 \* AREAS SHOWN ON THIS PLAT ARE "GROUND".



- IRON PIPE OR ROD FOUND      ⊕ \*MAG' NAIL SET
- + CUT CROSS FOUND OR SET      ● 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS      )  
 COUNTY OF KANE      )SS

THIS IS TO CERTIFY THAT I, SCOTT KREBS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, COMPASS SURVEYING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002778), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 45 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT \_\_\_\_\_, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3509  
 EXPIRES NOVEMBER 30, 2018  
 COMPASS SURVEYING, LTD  
 ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002778  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2019

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

**COMPASS SURVEYING LTD** 2631 Ginger Woods Parkway, Suite 100 Aurora IL 60502  
 PHONE: (630)820-9100  
 FAX: (630)820-7030

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CHURCH ROAD FAU RTE 2667

LIMITS: CHURCH ROAD      COUNTY: DUPAGE  
 SECTION: 16-00095-00-BT      JOB NO.: R-55-001-97  
 STA. 106+00 TO STA. 110+00  
 SCALE: 1"=20'      SHEET 3 OF 6 SHEETS

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

CONTRACT NO. 61E96      SHEET 31 OF 63

F.A.U. ROUTE 2667  
 PROJECT BEGIN POINT: 106 + 00.00  
 PROJECT END POINT: 119 + 89.22

PART OF THE NORTH HALF OF SECTION 14, TWP. 40 N., R. 11 E. OF THE 3RD. P.M., IN DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0004A	5.239	0.004 (174SQ.FT.)		5.210			03-14-119-013
0004B		0.025					
0004TE-A					0.021		
0004TE-B					0.011		
0004PE					0.078		

PROJECT COORDINATES

Point	North	East
507	1928150.70	1088732.30
508	1928150.91	1088729.31
509	1928248.72	1088736.09
510	1928249.20	1088729.10

LEGEND

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

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

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

129.32'  
129.32' (COMP)  
(129.32')

- IRON PIPE OR ROD FOUND
- ⊕ \*MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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PROP. CURVE CHURCHCL6  
 PI STA. = 113+14.95  
 Δ = 4° 17' 03" (LT)  
 D = 16° 22' 13"  
 R = 350.00'  
 T = 13.09'  
 L = 26.17'  
 P.C. STA. = 113+01.86  
 P.T. STA. = 113+28.03

PROP. CURVE CHURCHCL7  
 PI STA. = 113+41.12  
 Δ = 4° 17' 03" (RT)  
 D = 16° 22' 13"  
 R = 350.00'  
 T = 13.09'  
 L = 26.17'  
 P.C. STA. = 113+28.03  
 P.T. STA. = 113+54.20

PROP. CURVE CHURCHCL8  
 PI STA. = 113+84.67  
 Δ = 4° 17' 03" (RT)  
 D = 16° 22' 13"  
 R = 350.00'  
 T = 13.09'  
 L = 26.17'  
 P.C. STA. = 113+71.58  
 P.T. STA. = 113+97.75

PROP. CURVE CHURCHCL9  
 PI STA. = 114+10.84  
 Δ = 4° 17' 03" (LT)  
 D = 16° 22' 13"  
 R = 350.00'  
 T = 13.09'  
 L = 26.17'  
 P.C. STA. = 113+97.75  
 P.T. STA. = 114+23.92

HUFFMAN PARK  
 SUBDIVISION  
 DOC. NO. R2002-206769

LOT 2  
 PIN: 03-14-119-013

PROP. CURVE CHURCHCL10  
 PI STA. = 117+03.82  
 Δ = 13° 55' 14" (LT)  
 D = 38° 11' 50"  
 R = 150.00'  
 T = 18.31'  
 L = 36.44'  
 P.C. STA. = 116+85.51  
 P.T. STA. = 117+21.95

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF KANE )

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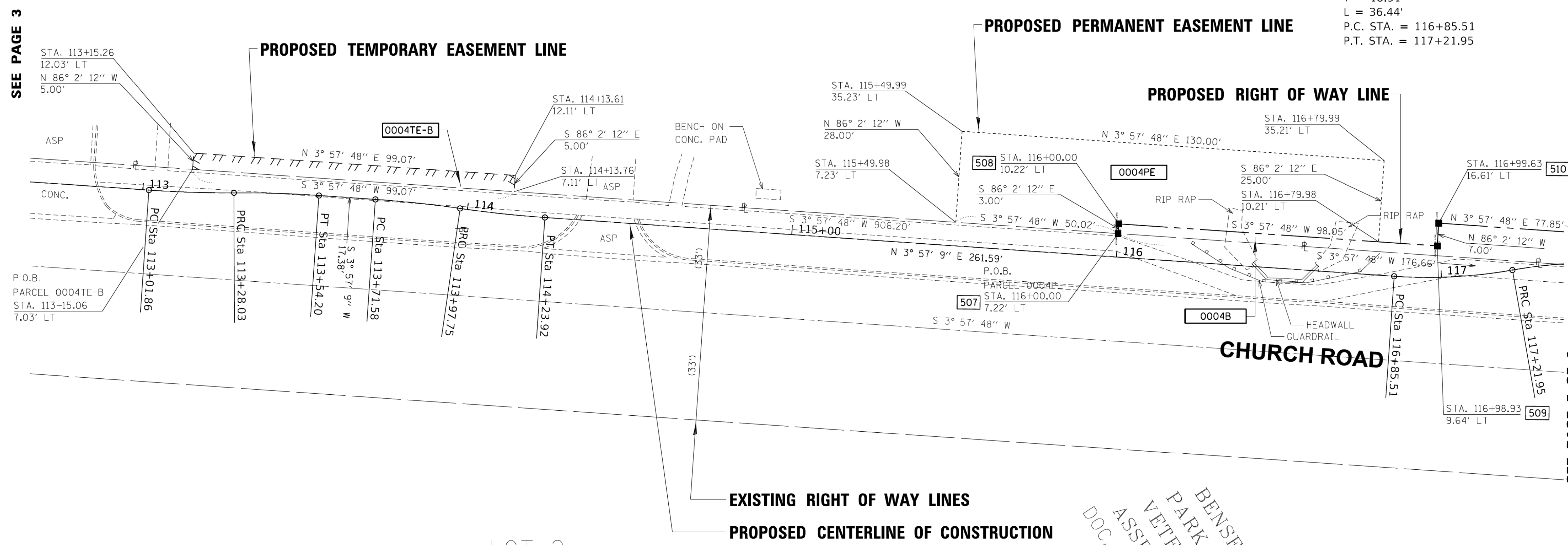
DATED AT \_\_\_\_\_, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_ A.D.

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SEE PAGE 3 OF 6

SEE PAGE 5 OF 6



F.A.U. ROUTE 2667  
 PROJECT BEGIN POINT: 106 + 00.00  
 PROJECT END POINT: 119 + 89.22

**COMPASS SURVEYING LTD**      2631 Ginger Woods Parkway, Suite 100 Aurora IL 60502  
 PHONE: (630)820-9100      FAX: (630)820-7030

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CHURCH ROAD FAU RTE 2667

LIMITS: CHURCH ROAD      COUNTY: DUPAGE  
 SECTION: 16-00095-00-BT      JOB NO.: R-55-001-97  
 STA. 110+00 TO STA. 117+00  
 SCALE: 1"=20'      SHEET 4 OF 6 SHEETS

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

CONTRACT NO. 61E96      SHEET 32 OF 63

BENSENVILLE  
 PARK DISTRICT  
 VETERANS PARK  
 ASSESSMENT PLAT  
 DOC. NO. R2003-457953



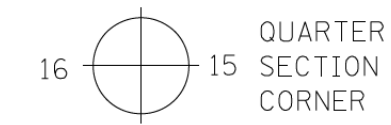
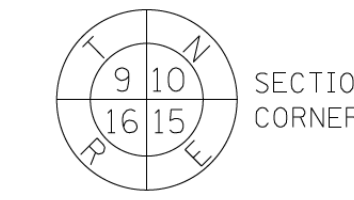
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0004B		0.025					
0004TE-A					0.021		
0004TE-B					0.011		
0004PE					0.078		
0005 0005TE	1.651	0.046		1.605	0.010	436	03-14-119-012

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PROJECT COORDINATES

Point	North	East
507	1928150.70	1088732.30
508	1928150.91	1088729.31
509	1928248.72	1088736.09
510	1928249.20	1088729.10
511	1928326.87	1088734.48
512	1928529.27	1088748.51



SCALE: 1" = 20'

- LEGEND
- SECTION / QUARTER SECTION LINE
  - PLATTED LOT LINES
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - EXISTING CENTERLINE
  - PROPOSED CENTERLINE
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  - PROPOSED RIGHT OF WAY LINE
  - EXISTING EASEMENT
  - PROPOSED EASEMENT
  - AC --- EXISTING ACCESS CONTROL LINE
  - AC --- PROPOSED ACCESS CONTROL LINE
  - MEASURED DIMENSION
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- o IRON PIPE OR ROD FOUND
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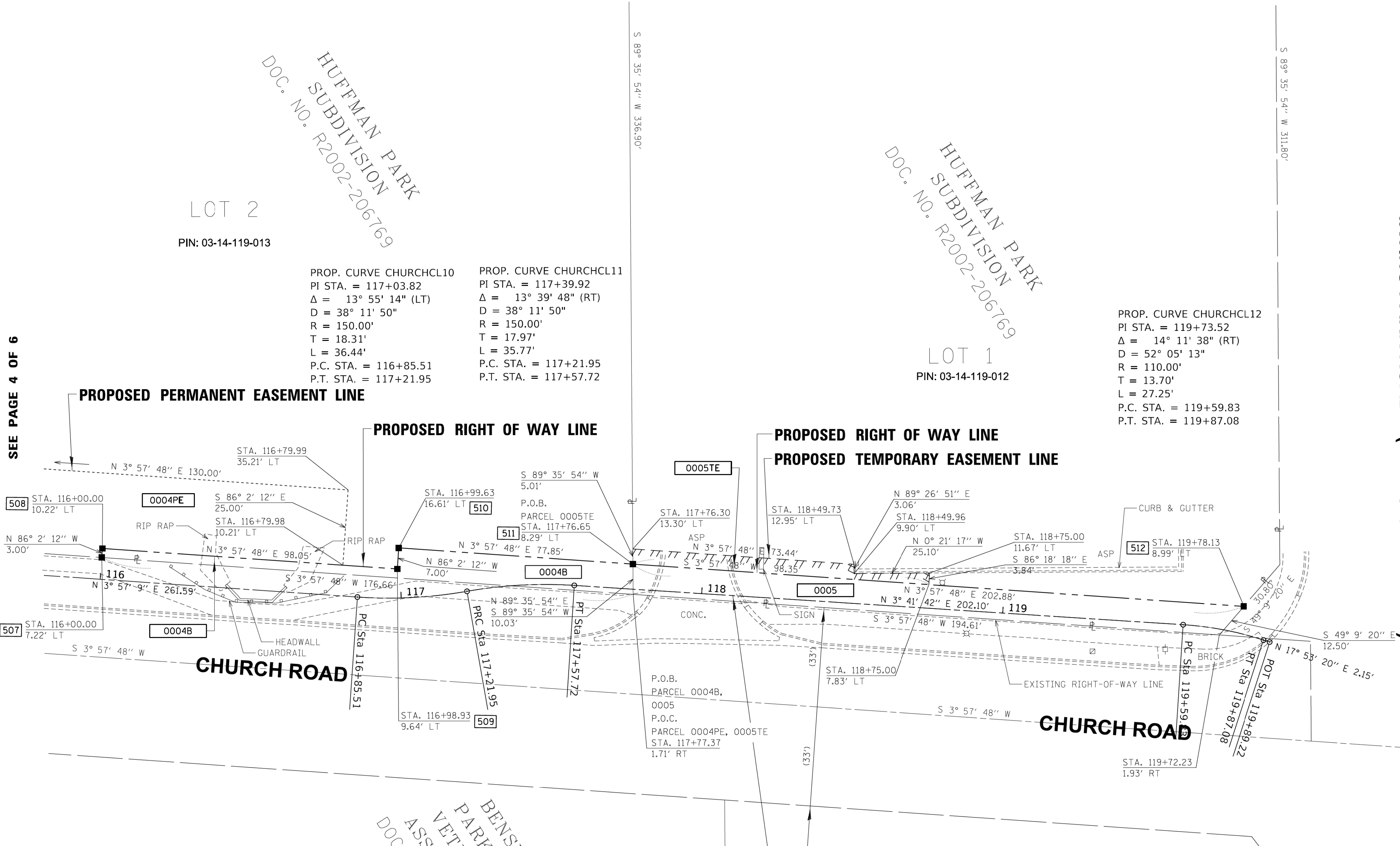
**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CHURCH ROAD FAU RTE 2667

LIMITS: CHURCH ROAD COUNTY: DUPAGE  
 SECTION: 16-00095-00-BT JOB NO.: R-55-001-97  
 STA. 117+00 TO STA. 119+89.22  
 SCALE: 1"=20' SHEET 5 OF 6 SHEETS

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

CONTRACT NO. 61E96 SHEET 33 OF 63

SEE PAGE 4 OF 6



HUFFMAN PARK  
 SUBDIVISION  
 DOC. NO. R2002-206769

LOT 2  
 PIN: 03-14-119-013

PROP. CURVE CHURCHCL10  
 PI STA. = 117+03.82  
 $\Delta = 13^\circ 55' 14''$  (LT)  
 D = 38' 11' 50"  
 R = 150.00'  
 T = 18.31'  
 L = 36.44'  
 P.C. STA. = 116+85.51  
 P.T. STA. = 117+21.95

PROP. CURVE CHURCHCL11  
 PI STA. = 117+39.92  
 $\Delta = 13^\circ 39' 48''$  (RT)  
 D = 38' 11' 50"  
 R = 150.00'  
 T = 17.97'  
 L = 35.77'  
 P.C. STA. = 117+21.95  
 P.T. STA. = 117+57.72

HUFFMAN PARK  
 SUBDIVISION  
 DOC. NO. R2002-206769

LOT 1  
 PIN: 03-14-119-012

PROP. CURVE CHURCHCL12  
 PI STA. = 119+73.52  
 $\Delta = 14^\circ 11' 38''$  (RT)  
 D = 52' 05' 13"  
 R = 110.00'  
 T = 13.70'  
 L = 27.25'  
 P.C. STA. = 119+59.83  
 P.T. STA. = 119+87.08

F.A.U. ROUTE 2667  
 PROJECT BEGIN POINT: 106 + 00.00  
 PROJECT END POINT: 119 + 89.22

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0004TE-A							
0004TE-B							
0004PE					0.078		
0005 0005TE	1.651	0.046		1.605	0.010	436	03-14-119-012

**LEGEND**

SECTION CORNER: 9, 10, 15, 16

QUARTER SECTION CORNER: 16, 15

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

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

AC EXISTING ACCESS CONTROL LINE

AC PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

129.32'

129.32' (COMP)

(129.32')

129.32'

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

\*MAG' NAIL SET

5 / 8" REBAR SET

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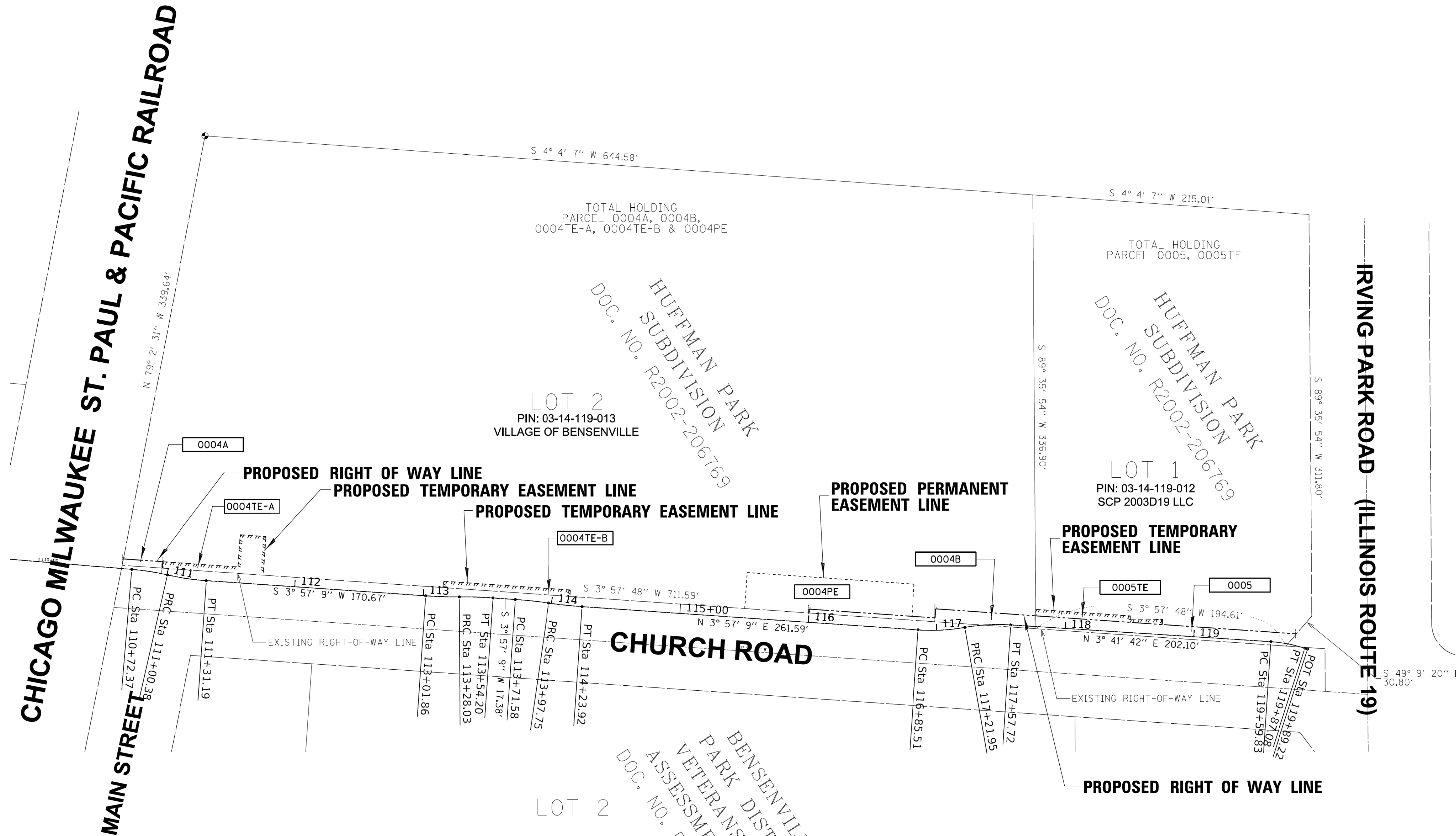
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**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 CHURCH ROAD FAU RTE 2667

LIMITS: CHURCH ROAD COUNTY: DUPAGE  
 SECTION: 16-00095-00-BT JOB NO.: R-55-001-97  
 STA. 106+00 TO STA. 110+00  
 SCALE: 1"=20' SHEET 6 OF 6 SHEETS

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

CONTRACT NO. 61E96 SHEET 34 OF 63

Benchmark: SBM #1 Arrow bolt on fire hydrant at Sta. 116+95.92, Offset 48.76' Rt, El. 668.55

Existing Structure: Existing structure built in 1962 as part of roadway widening. Consists of a 48'-6" long, 10'-4" X 5'-4" cast-in-place concrete box culvert.

Maintenance of Traffic: Traffic will be maintained during construction.

Salvage: None.

### INDEX OF SHEETS

- S1 General Plan and Longitudinal Section
- S2 Wingwall Elevation & General Data
- S3 Culvert Extension Details
- S4 Wingwall Elevations
- S5 Wingwall Details
- S6 Parapet Railing Details
- S7 Soil Boring Logs

### GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans and subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

### WATERWAY INFORMATION

Drainage Area = 1.07 sq. miles		Low Grade Elev. = 665.65 @ Sta. 118+10							
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	2	155	27.10	27.10	662.27	0.00	0.00	662.63	662.62
	10	253	36.60	36.60	663.19	0.00	0.01	663.79	663.79
Design	30	344	43.80	43.80	663.89	0.02	0.06	664.71	664.72
Base	100	471	53.70	53.70	664.85	1.15	0.89	665.90	665.90
Max. Calc.	500	801	55.10	55.10	668.53	0.00	0.00	658.53	668.52

10-Year Velocity through Existing Culvert = 6.03 fps  
10-Year Velocity through Proposed Culvert = 6.01 fps

### DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

### DESIGN STRESSES

#### FIELD UNITS

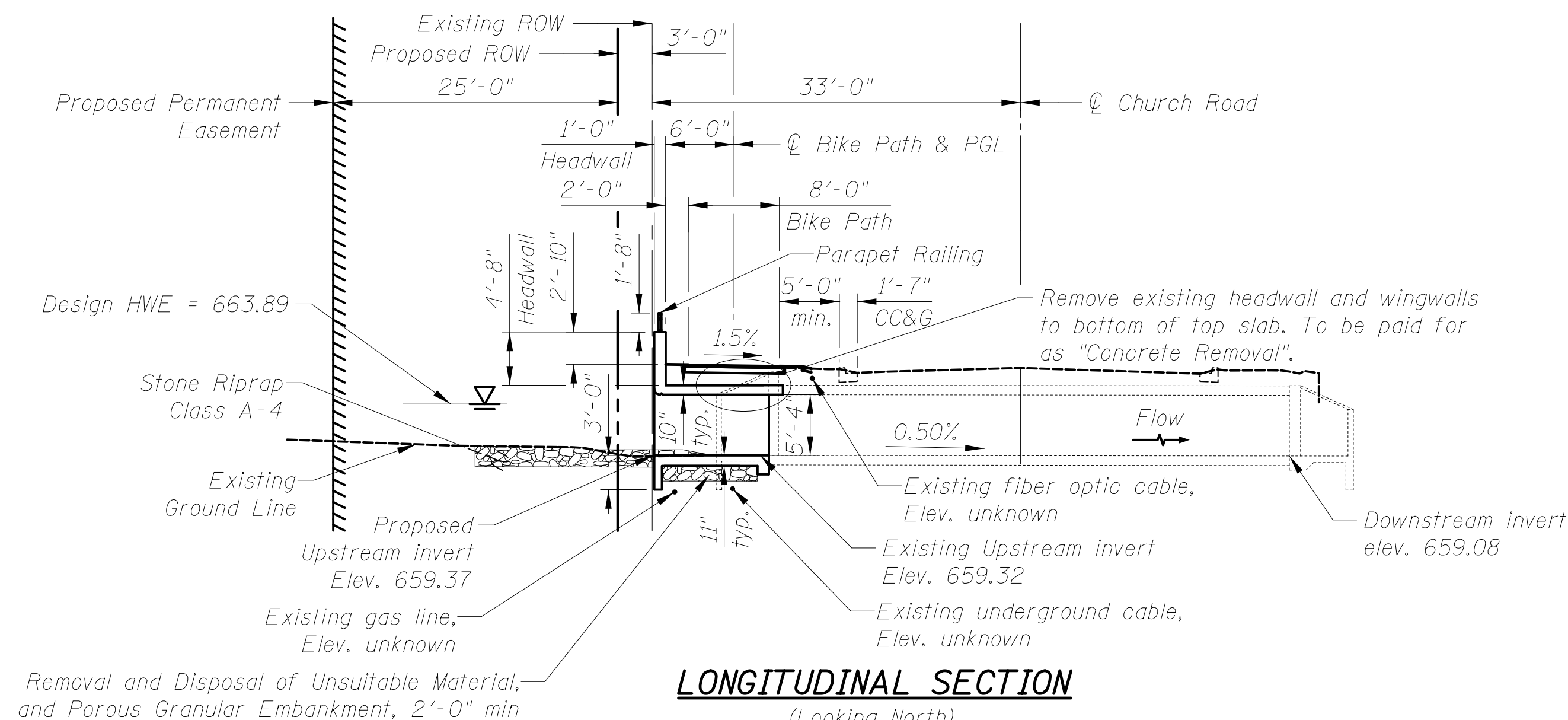
$f'_c$  = 3,500 psi  
 $f_y$  = 60,000 psi (Reinforcement)  
 $f_y$  = 50,000 psi (M270 Gr 50, Soldier Piles)

### LOADING HS-20

Allow 50#/#sq. ft. for future wearing surface.

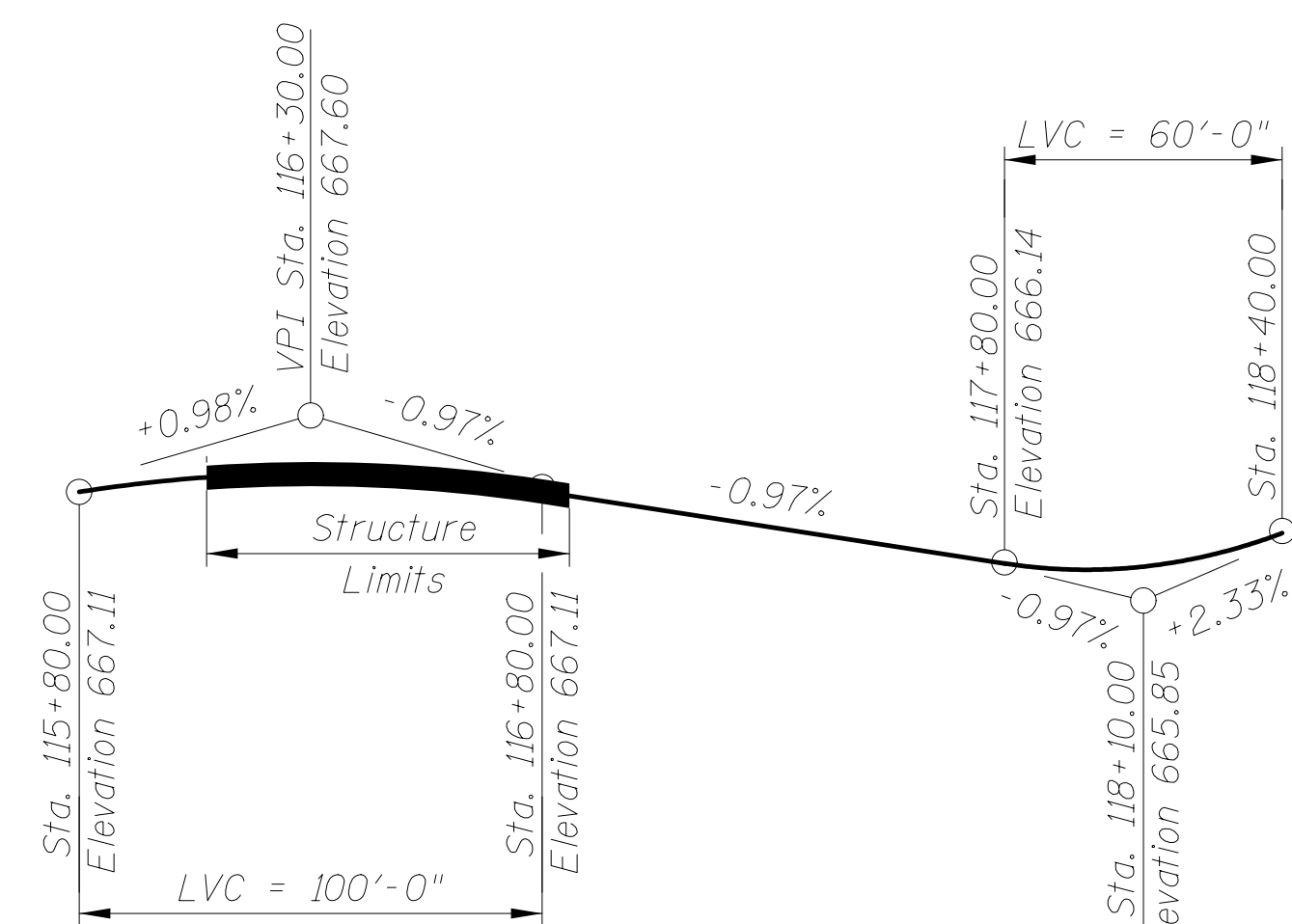
### CURVE DATA

P.I. Sta. = 117+03.82  
 $\Delta$  = 13° 55' 14" (LT)  
D = 38° 11' 50"  
R = 150.00'  
T = 18.31'  
L = 36.44'  
E = 1.11'  
P.C. Sta. = 116+85.51  
P.T. Sta. = 117+21.95



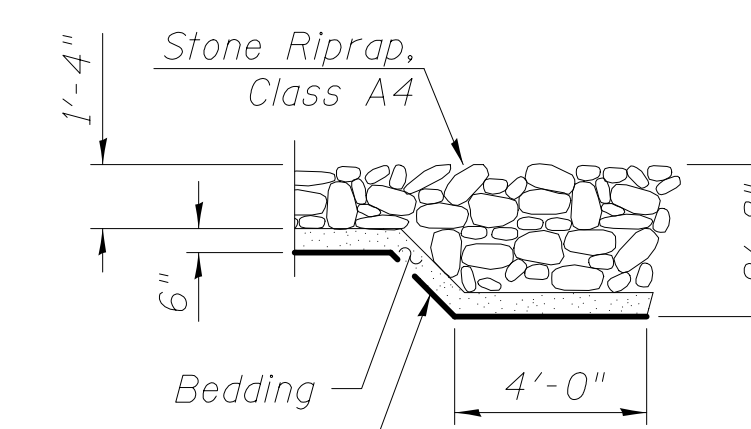
### LONGITUDINAL SECTION

(Looking North)  
Dimensions and cross slopes at Rt. L's to  $\phi$  Bike Path unless otherwise noted



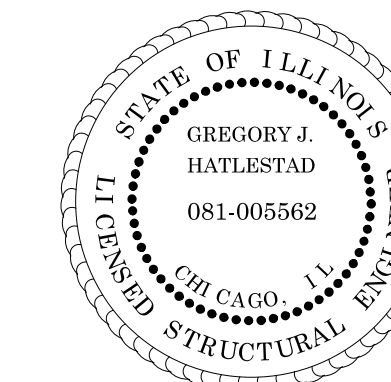
### PROPOSED PROFILE BIKE PATH

(Along  $\phi$  Bike Path & PGL)



### SECTION A-A

CIVILTECH ENGINEERING, INC.  
GREGORY J. HATLESTAD, S.E.



GREGORY J. HATLESTAD, S.E.  
# 081-005562

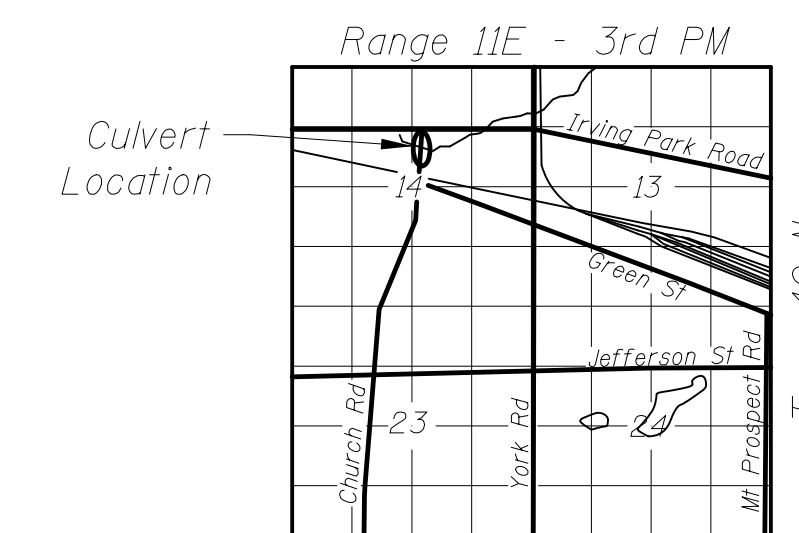
EXP 11-30-2018

DATE 06-11-2018

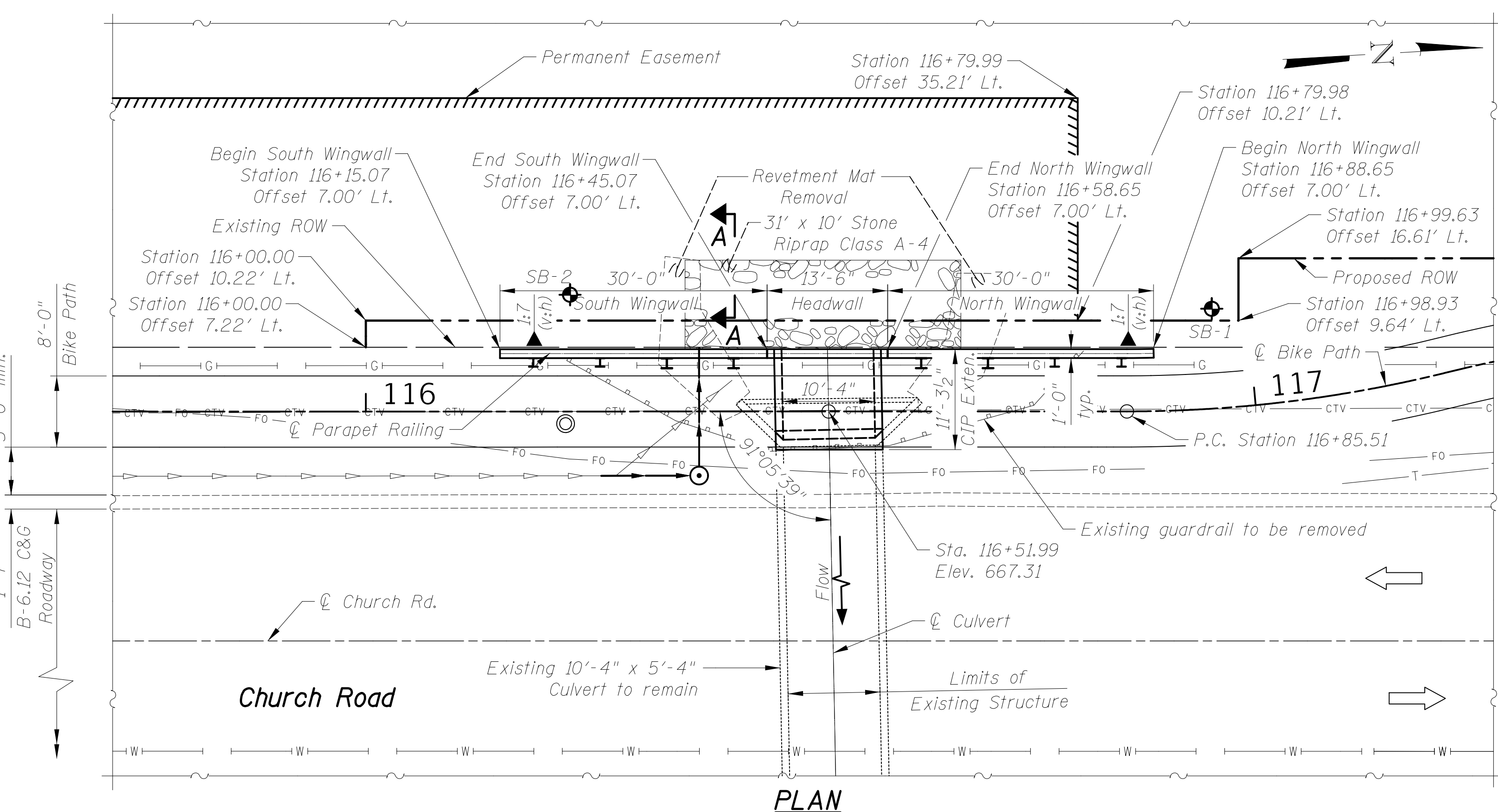
I certify that to the best of knowledge, information and belief, this retaining wall design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.

### LEGEND

- G— Existing Gas Line
- W— Existing Water Main
- T— Existing Underground Telephone
- CTV— Existing Underground Cable
- Existing Guardrail
- Existing Storm Sewer
- Proposed Storm Sewer
- Soil Boring



### LOCATION SKETCH



### PLAN

Offsets are measured from  $\phi$  Bike Path to F.F. of retaining wall

**CIVILTECH**  
Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
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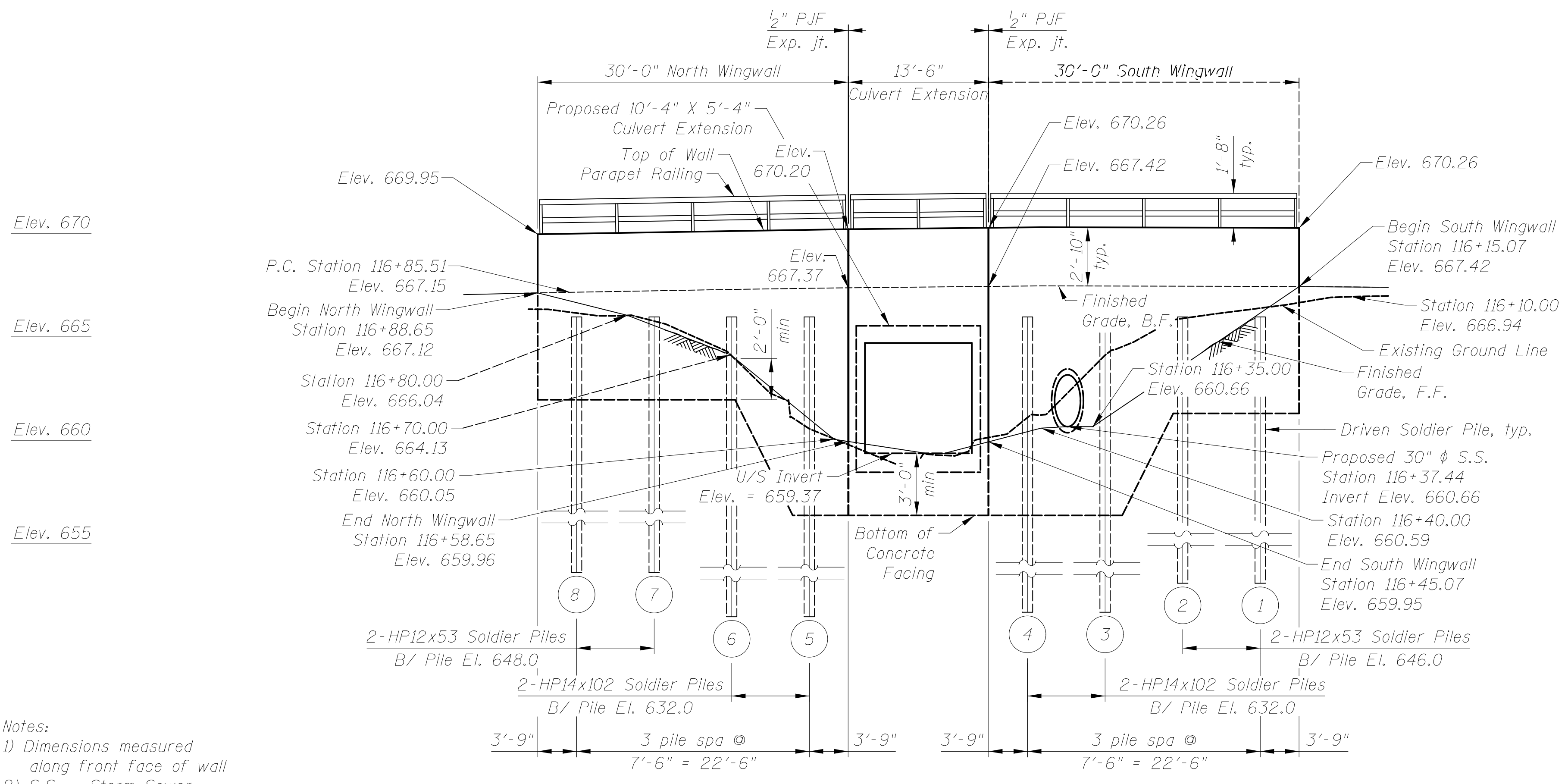
DRAWN - M. RENDINO	REVISIONS -
DESIGNED - M. RENDINO	REVISIONS -
CHECKED - G. HATLESTAD	REVISIONS -
DATE - 11/7/2018	REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND LONGITUDINAL SECTION  
CHURCH ROAD

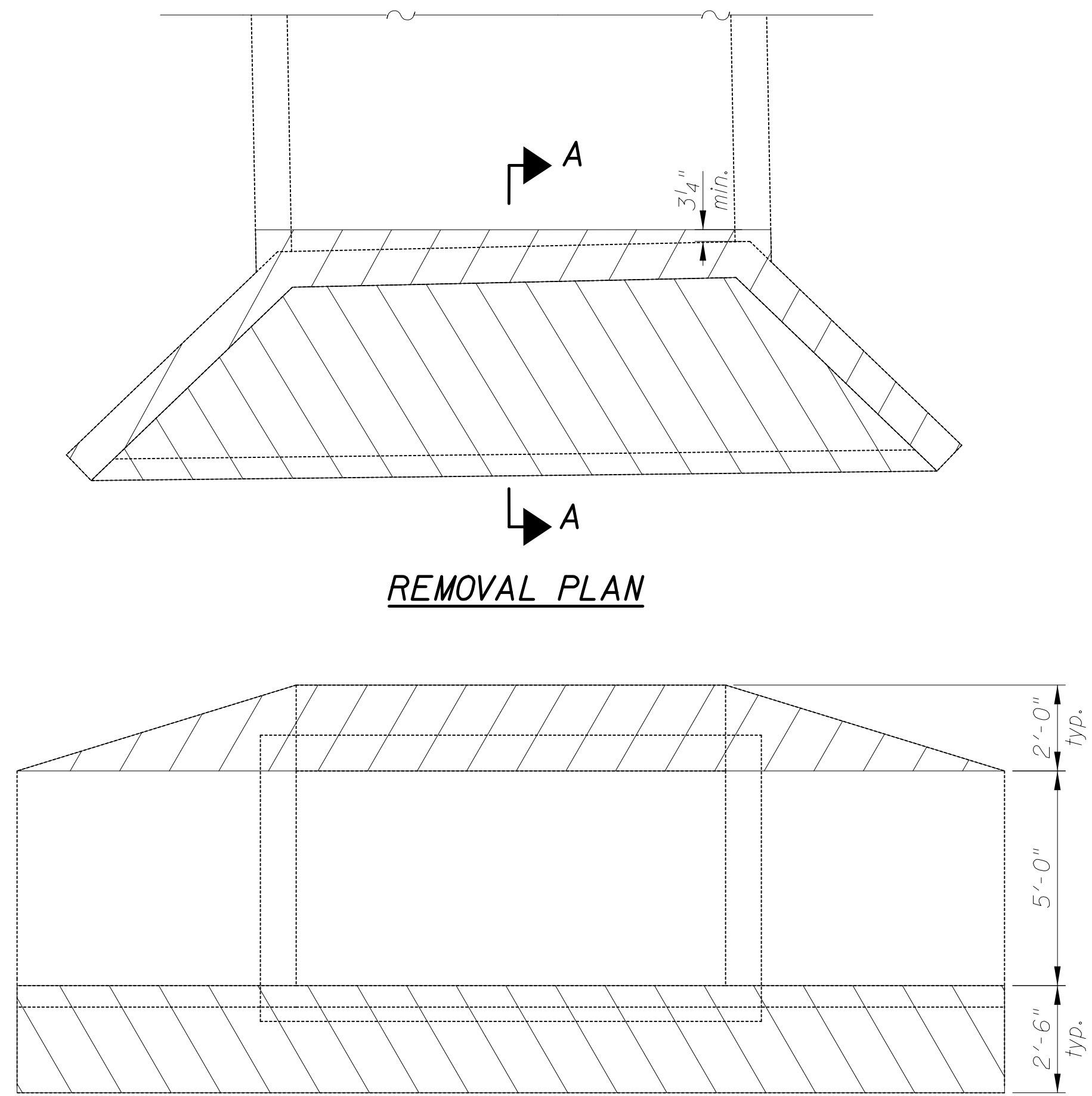
SHEET NO. S1 OF S7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	35
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



**ELEVATION**  
Looking South at Front Face of Wall

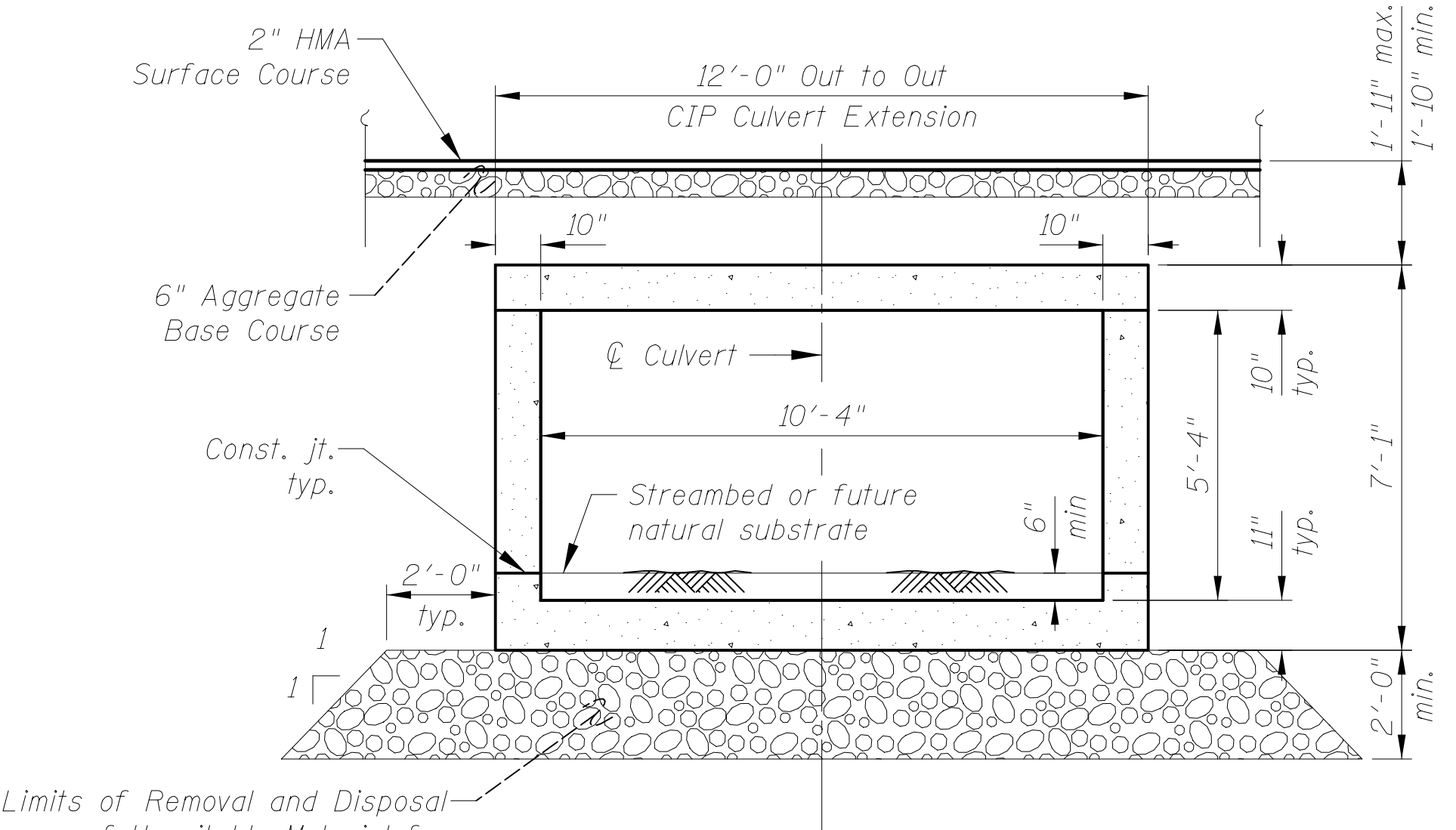
Notes:  
1) Dimensions measured along front face of wall  
2) S.S. = Storm Sewer



**REMOVAL ELEVATION**

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL QUANTITY
Stone Riprap, Class A4	Sq. Yd.	35
Filter Fabric	Sq. Yd.	35
Concrete Removal	Cu. Yd.	10.0
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	15.2
Stud Shear Connectors	Each	64
Reinforcement Bars, Epoxy Coated	Pound	4,530
Parapet Railing	Foot	74
Furnishing Soldier Piles (HP Section)	Foot	210
Driving Soldier Piles	Foot	210
Untreated Timber Lagging	Sq. Ft.	271
Concrete Structures (Retaining Wall)	Cu. Yd.	26.5
Expansion Bolts 3/4 Inch	Each	22
Concrete Box Culverts	Cu. Yd.	15.3
Geocomposite Wall Drain	Sq. Yd.	11
Revetment Mat Removal	Sq. Yd.	100
Rock Fill	Cu. Yd.	16



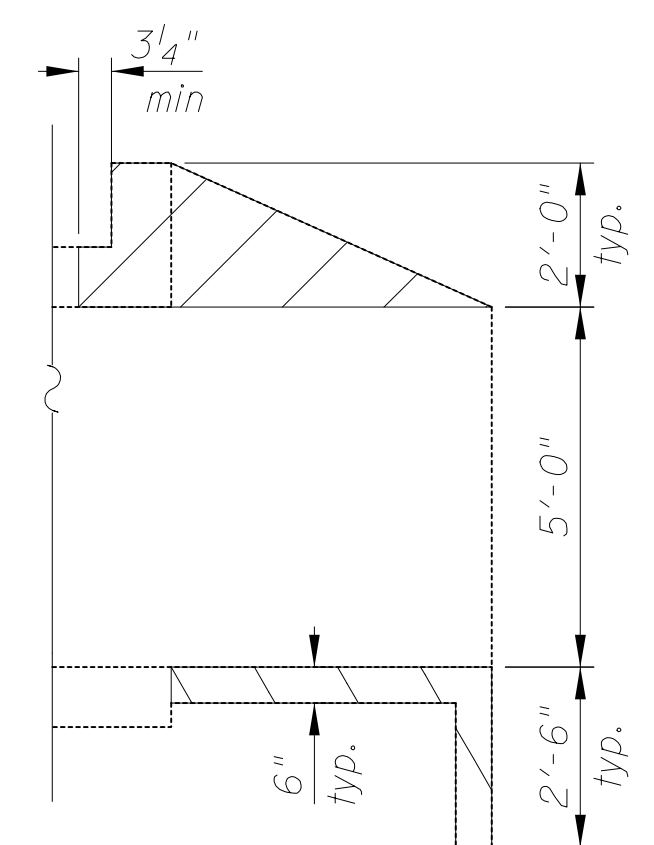
**SECTION THRU BARREL**

The Rock Fill shall be capped with 6 inch of CA 7. The cost of the capping material shall be included in the pay item Rock Fill.

**LEGEND**

- Concrete Removal (headwall and wingwall)
- Concrete Removal (apron and toe wall)

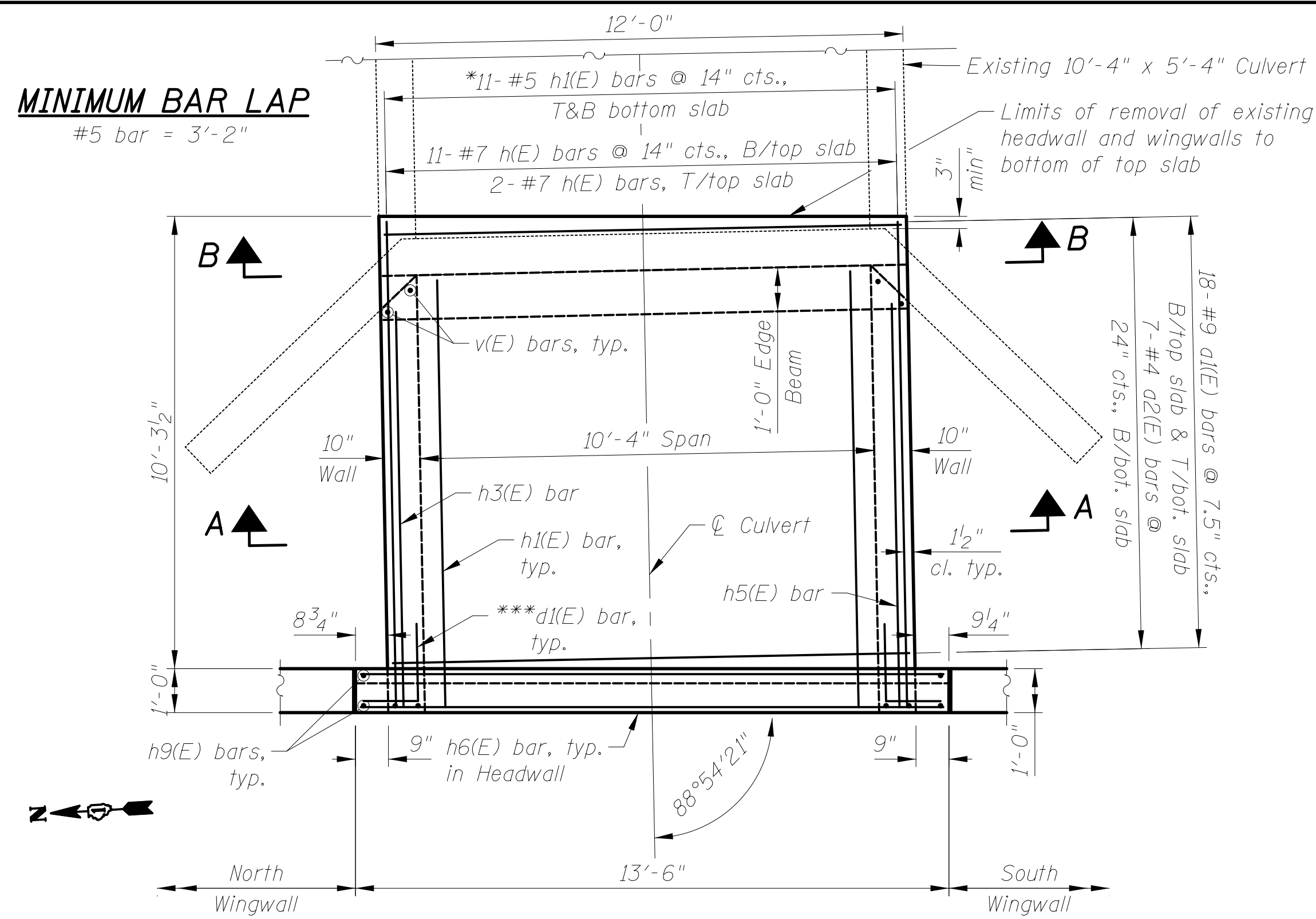
Removal Notes:  
Remove existing headwall and wingwalls to bottom of top slab. To be paid for as "Concrete Removal".



**SECTION A-A**

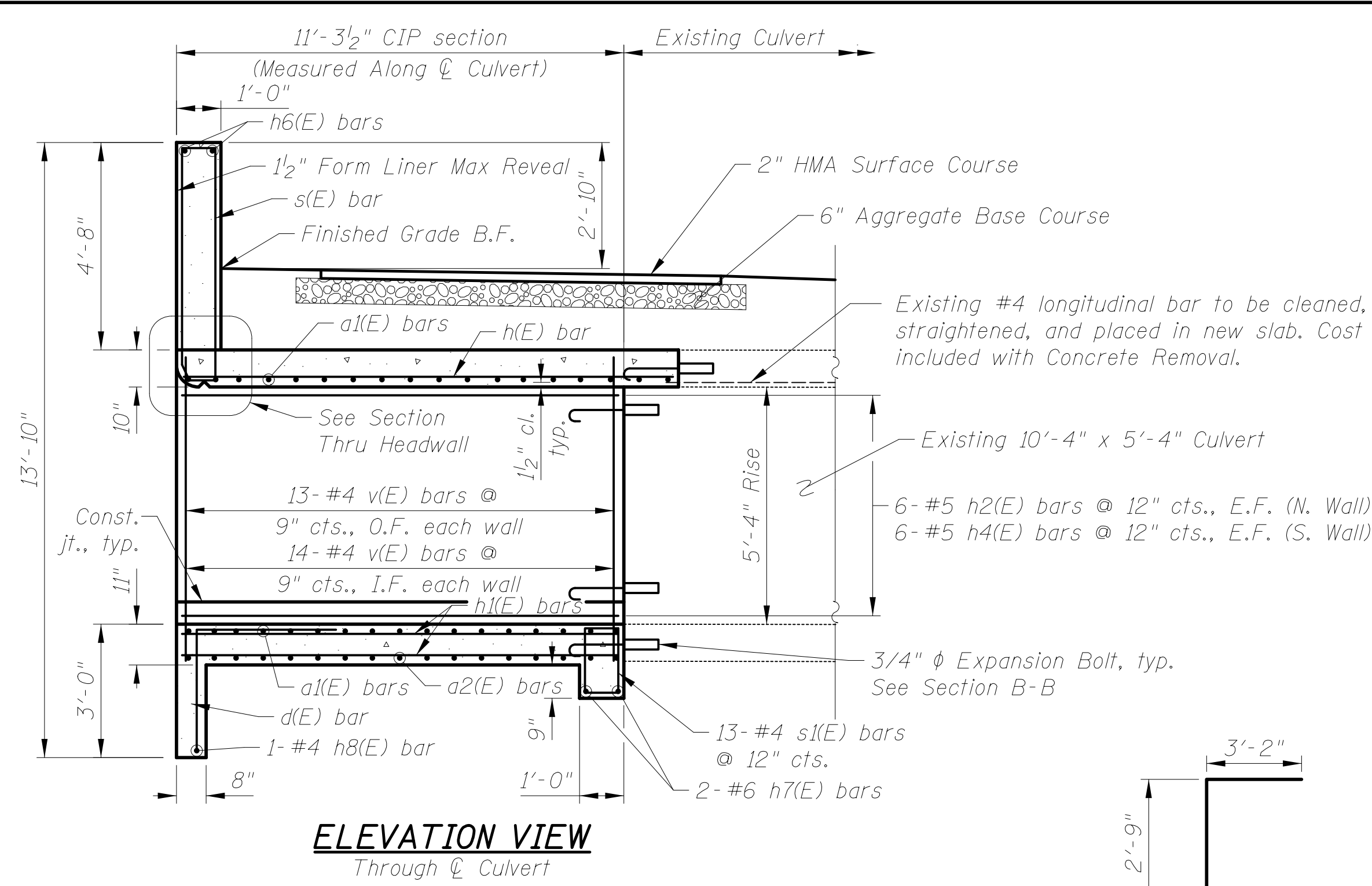
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 2/21/2019  
 c:\p.w.\work\king\civiltech\production\tpb\dms2391\02\_Culvert+\_General\_Data.dgn

**MINIMUM BAR LAP**  
#5 bar = 3'-2"

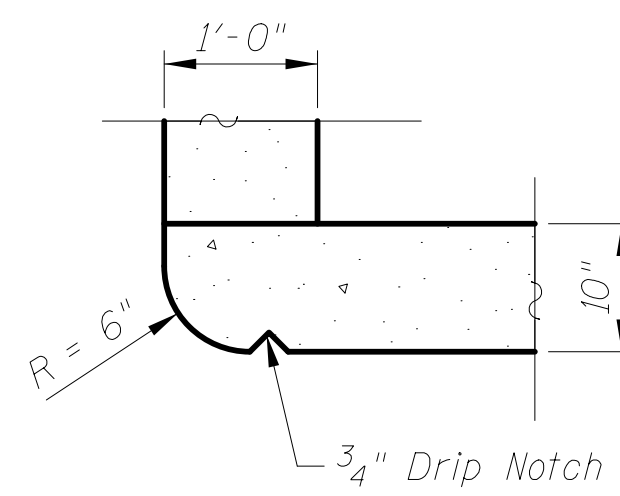


**PLAN - BOX CULVERT  
END SECTION**

Notes:  
E.F. = Each Face  
F.F. = Front Face  
B.F. = Back Face  
cts. = Centers  
U.N.O. = Unless Noted Otherwise



**ELEVATION VIEW  
Through Culvert**

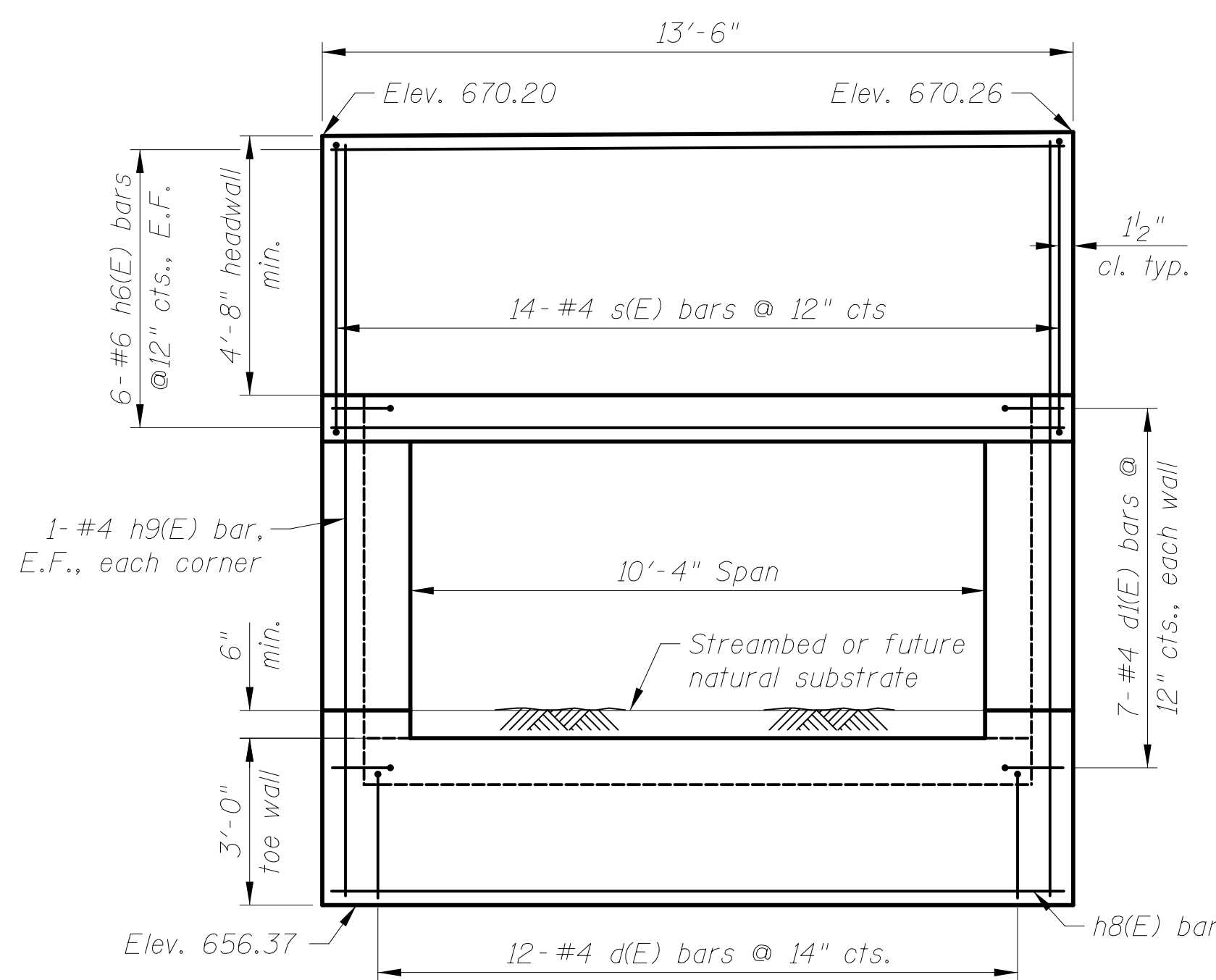


**SECTION THRU HEADWALL**

6" Hollow bulb dumbbell type nonmetallic water seal. (6" from top of wall to top of footing)  
Concrete Nails (Flat Hd. C.S.) 1" long at 12" cts. vert.  
1/2" P.J.F.

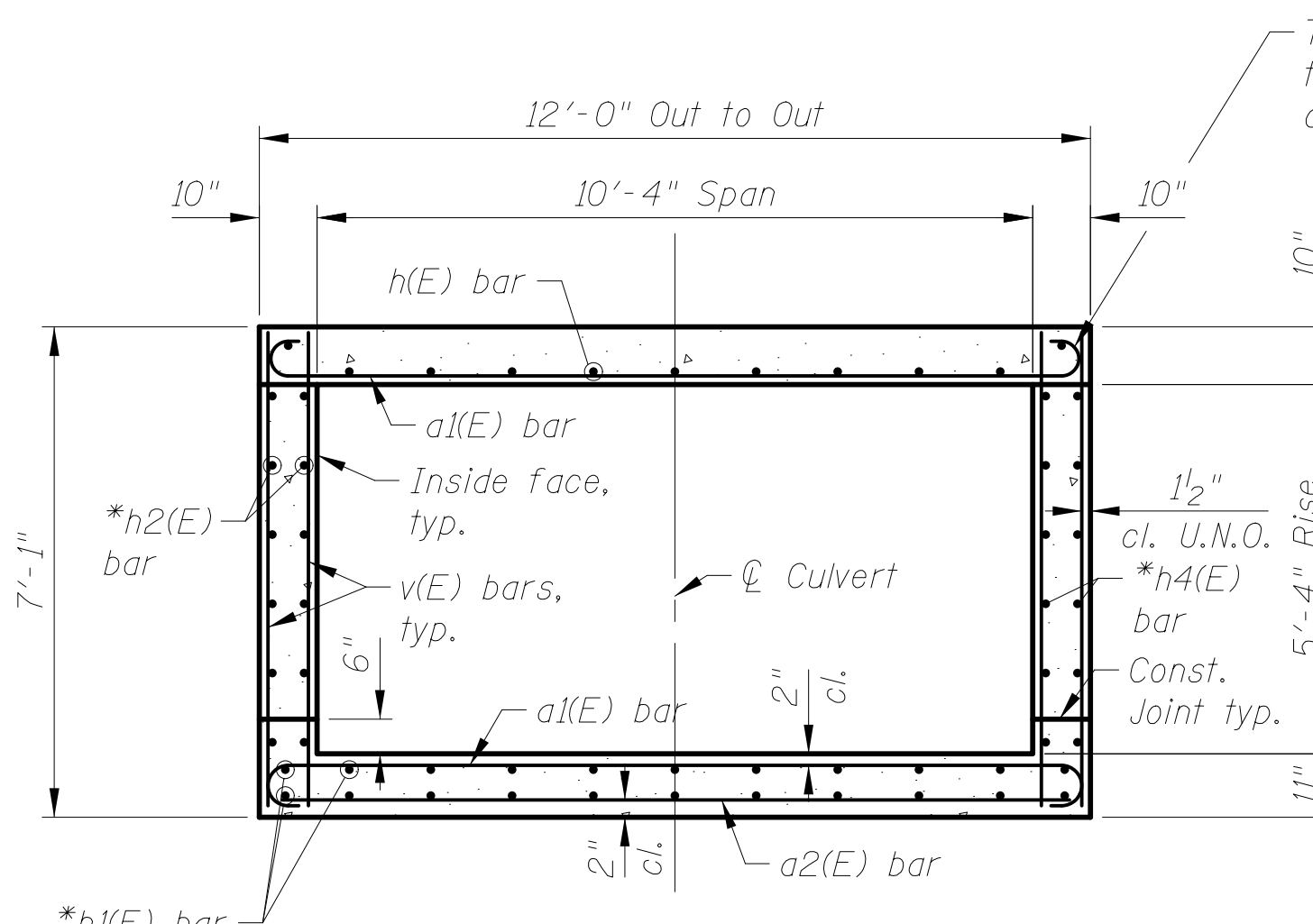
**CORNER DETAIL**

Water seal and concrete nails are included in the cost of Concrete Culvert Extension.



**END VIEW**

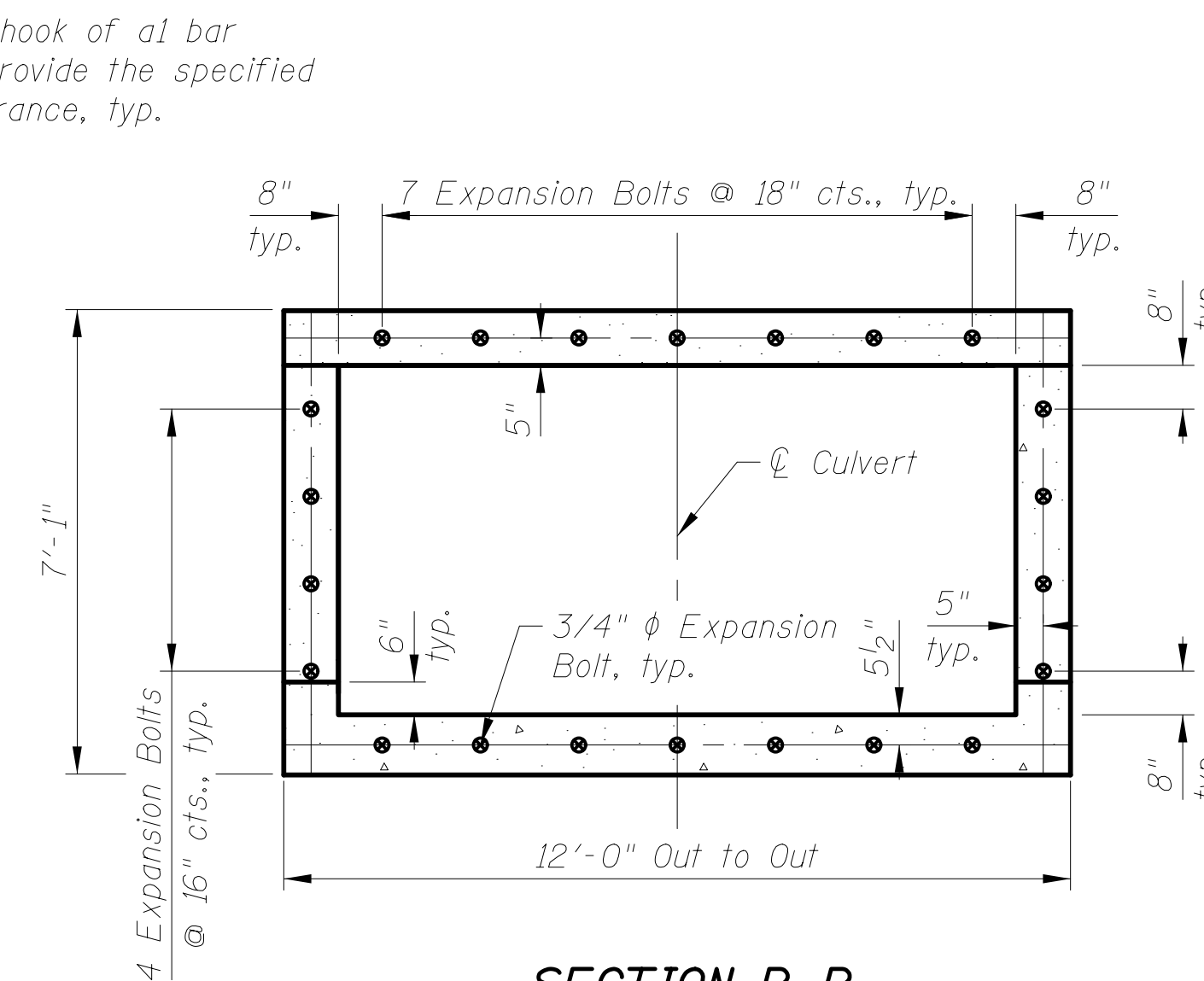
Showing toe wall, edge beam, & headwall reinforcement



**SECTION A-A**

Showing reinforcement

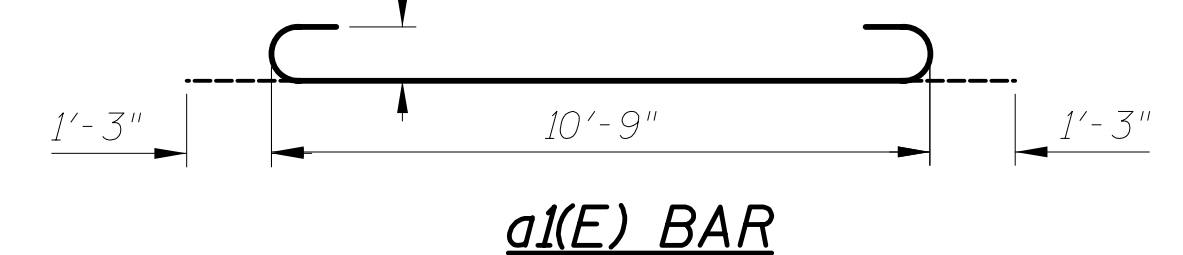
\*Trim bars as required to fit  
\*\*Order h2 & h4 bars full length. Cut to fit and use the remainder of bar on opposite face of wall.  
\*\*\*Bend bar in field



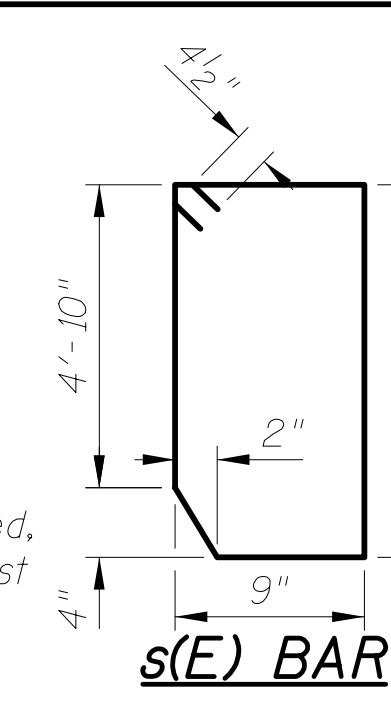
**SECTION B-B**

Showing Expansion Bolts

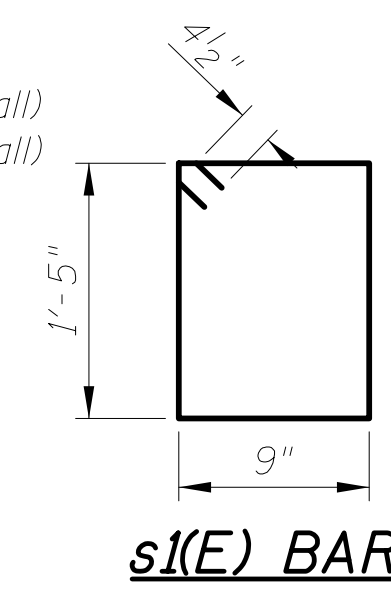
Note: Expansion bolts shall be 3/4"  $\phi$  hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.



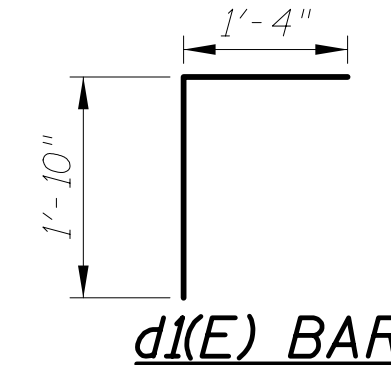
**a1(E) BAR**



**s(E) BAR**



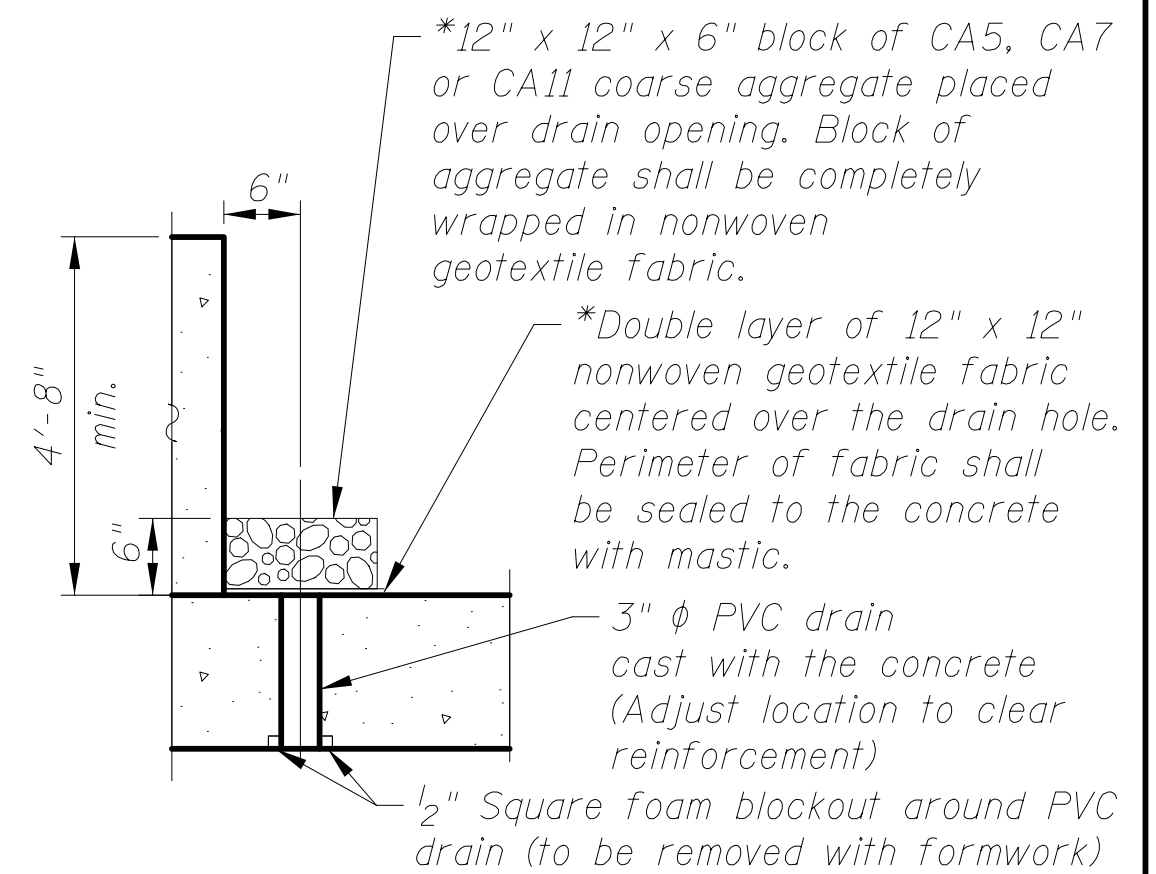
**s1(E) BAR**



**d1(E) BAR**

**REINFORCEMENT BAR LIST**

Bar	No.	Size	Length	Shape
a1(E)	18	#9	13'-3"	
a2(E)	7	#4	11'-9"	
d(E)	11	#4	5'-11"	
d1(E)	14	#4	3'-2"	
h(E)	11	#7	11'-1"	
h1(E)	18	#5	10'-0"	
h2(E)	6	#5	18'-9"	
h3(E)	2	#5	9'-1"	
h4(E)	6	#5	19'-2"	
h5(E)	2	#5	9'-4"	
h6(E)	12	#6	13'-3"	
h7(E)	2	#6	11'-9"	
h8(E)	1	#4	13'-3"	
h9(E)	4	#4	13'-6"	
s(E)	14	#4	12'-6"	
s1(E)	13	#4	5'-1"	
v(E)	54	#4	6'-10"	
Item		Unit	Quantity	
Reinforcement Bars, Epoxy Coated		Pound	2,180	
Expansion Bolts 3/4"		Each	22	
Concrete Box Culverts		Cu. Yd.	15.3	



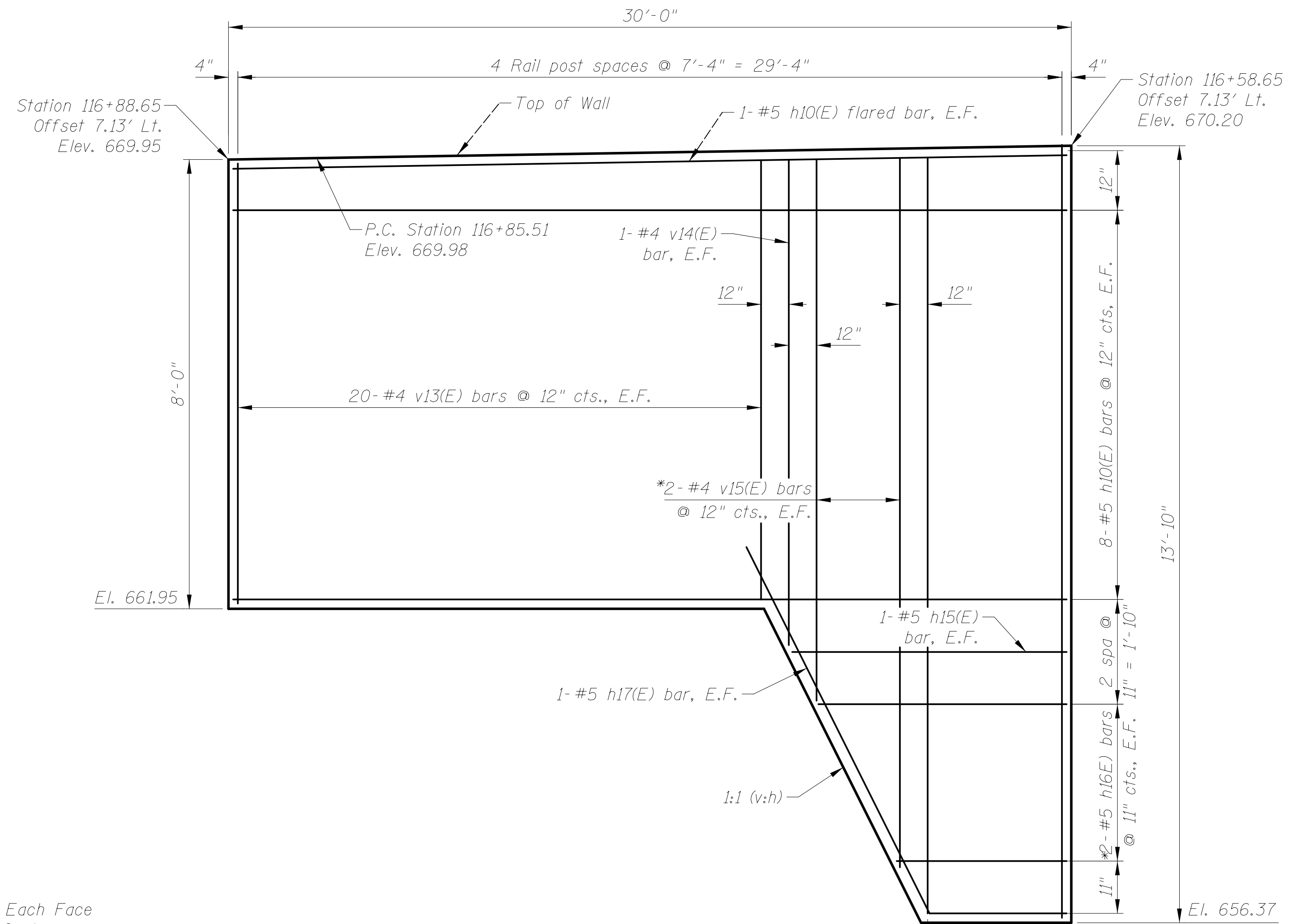
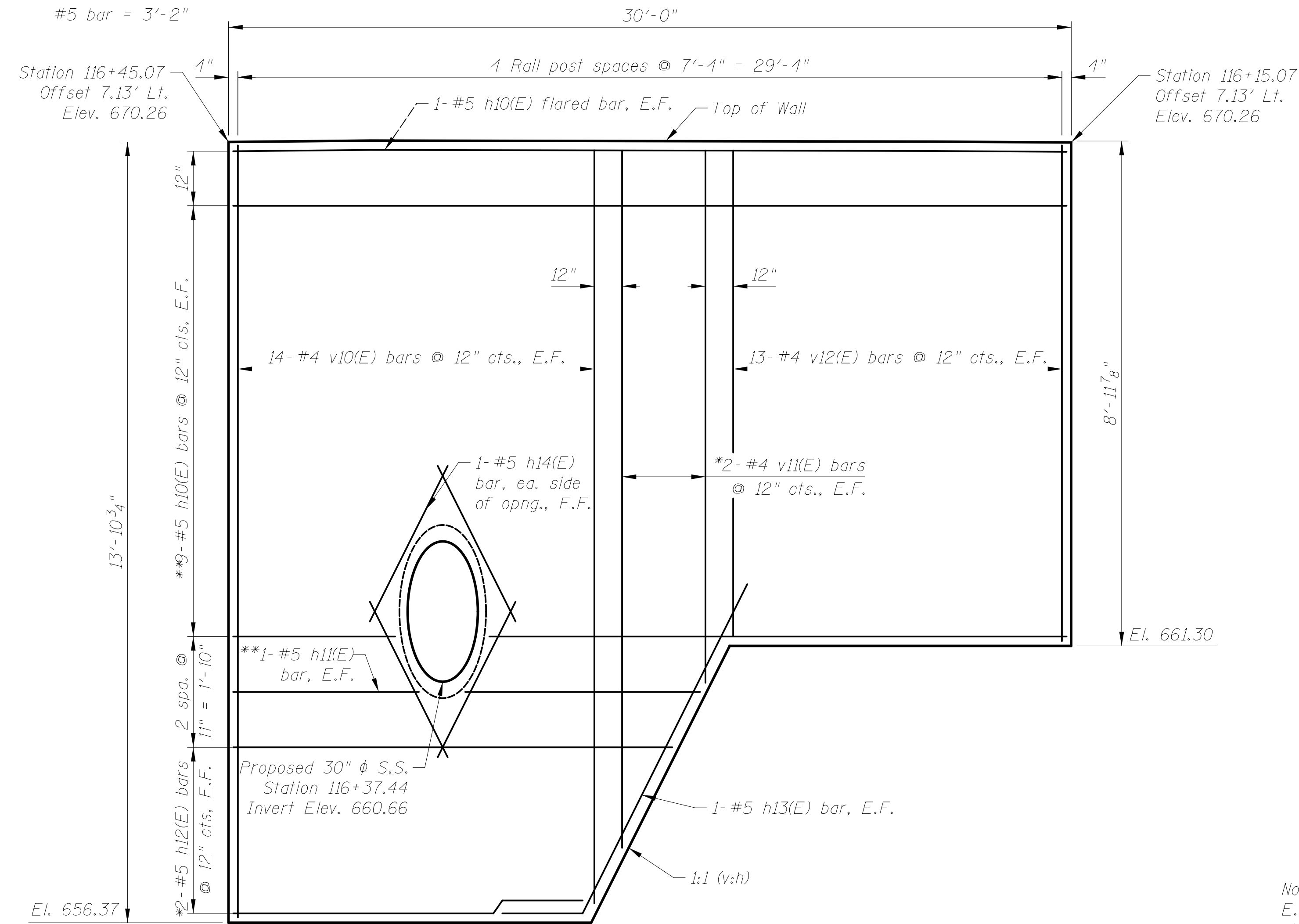
**DRAIN DETAIL**

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

\*Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

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 2/21/2019

**MINIMUM BAR LAP**



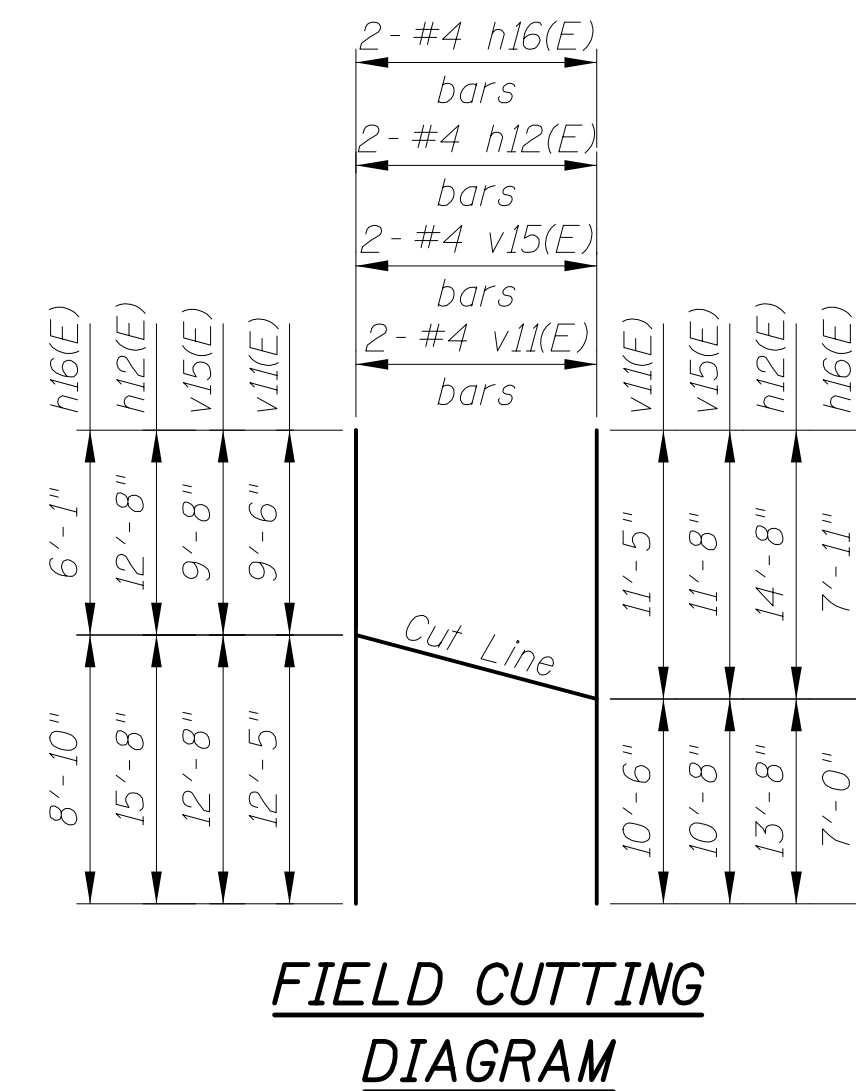
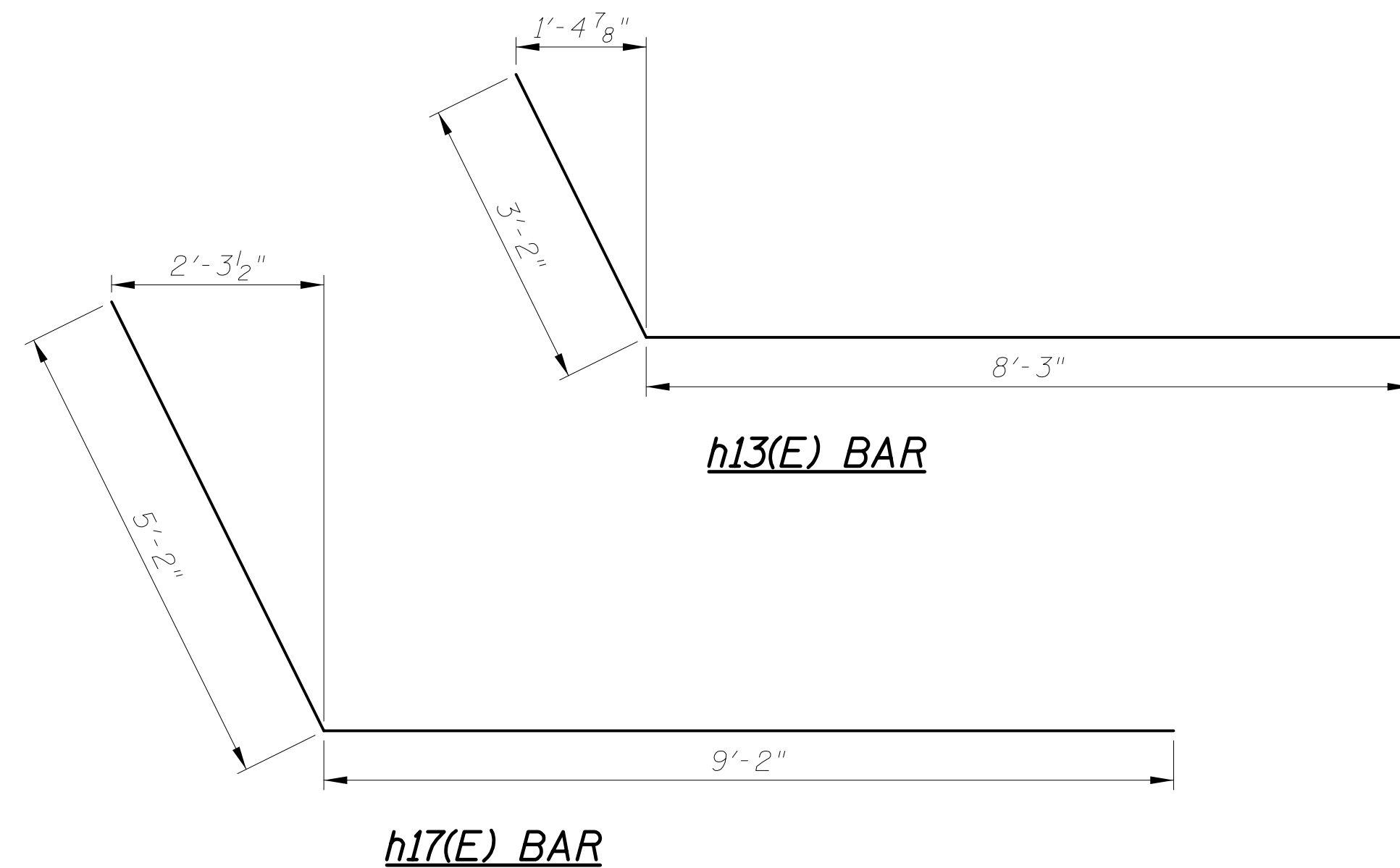
Notes:  
 E.F. = Each Face  
 cts. = Centers  
 \* See field cutting diagram  
 \*\* Cut bars as needed to accommodate storm sewer outlet

**SOUTH WINGWALL ELEVATION**

**NORTH WINGWALL ELEVATION**

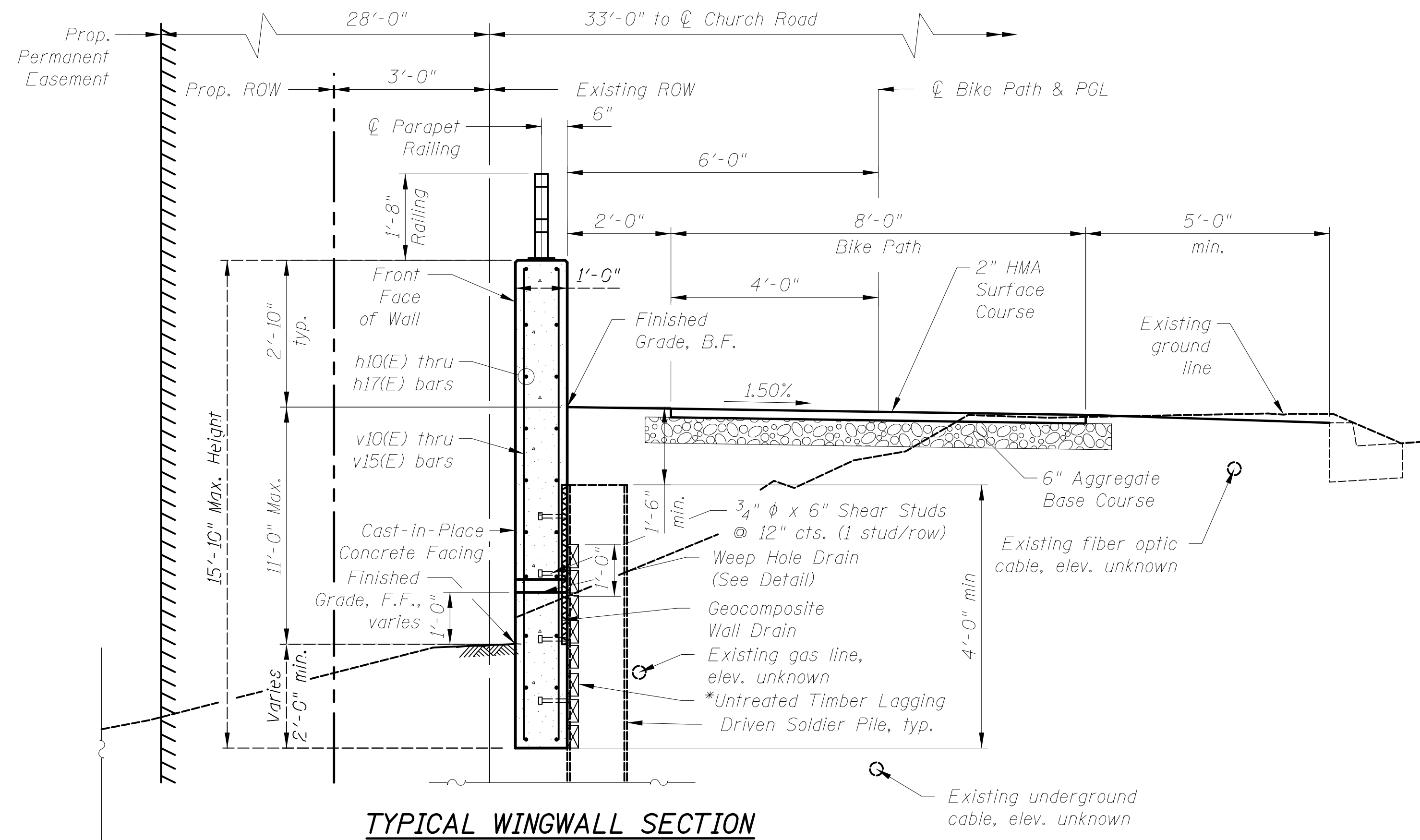
**REINFORCEMENT BAR LIST**

Bar	No.	Size	Length	Shape
h10(E)	38	#5	29'-8"	—
h11(E)	2	#5	16'-7"	—
h12(E)	4	#5	28'-4"	—
h13(E)	2	#5	11'-5"	↘
h14(E)	4	#5	3'-11"	—
h15(E)	2	#5	9'-9"	—
h16(E)	4	#5	14'-11"	—
h17(E)	2	#5	14'-4"	↘
v10(E)	40	#4	13'-7"	—
v11(E)	4	#4	21'-11"	—
v12(E)	26	#4	8'-8"	—
v13(E)	40	#4	7'-8"	—
v14(E)	2	#4	8'-8"	—
v15(E)	4	#4	22'-4"	—
Item			Unit	Quantity
Reinforcement Bars, Epoxy Coated			Pound	2,350
Concrete Structures (Retaining Wall)			Cu. Yd.	26.5

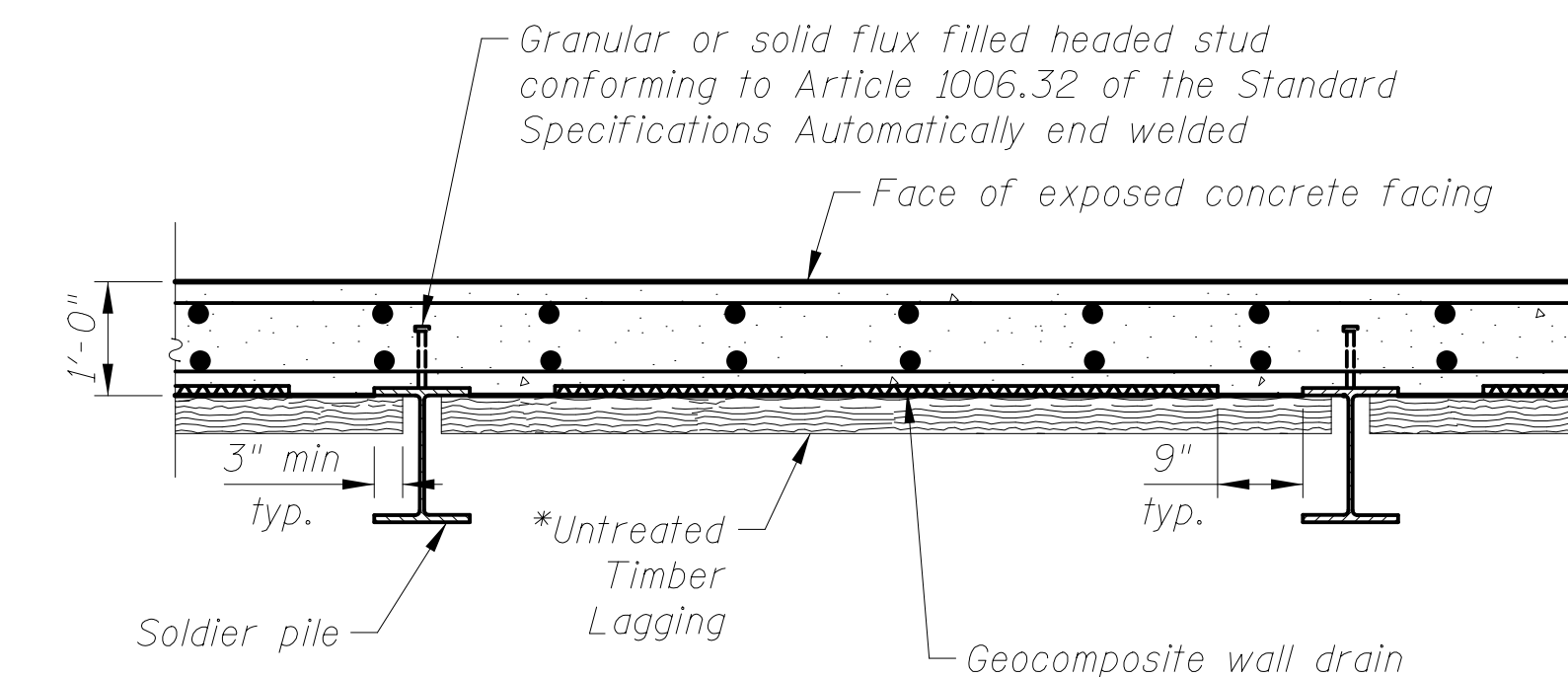


Pile No.	Centerline of Pile Station	Centerline of Pile Offset (Lt.)	Top of Pile Elevation	Bottom of CIP Facing	Stud Shear Connectors
P1	116+18.82	5.51	665.50	661.30	6.00
P2	116+26.32	5.51	665.50	661.30	6.00
P3	116+33.82	5.42	665.50	656.37	11.00
P4	116+41.32	5.42	665.50	656.37	11.00
P5	116+62.40	5.42	665.50	656.37	10.00
P6	116+69.90	5.42	665.50	656.37	10.00
P7	116+77.40	5.51	665.50	661.95	5.00
P8	116+84.90	5.51	665.50	661.95	5.00

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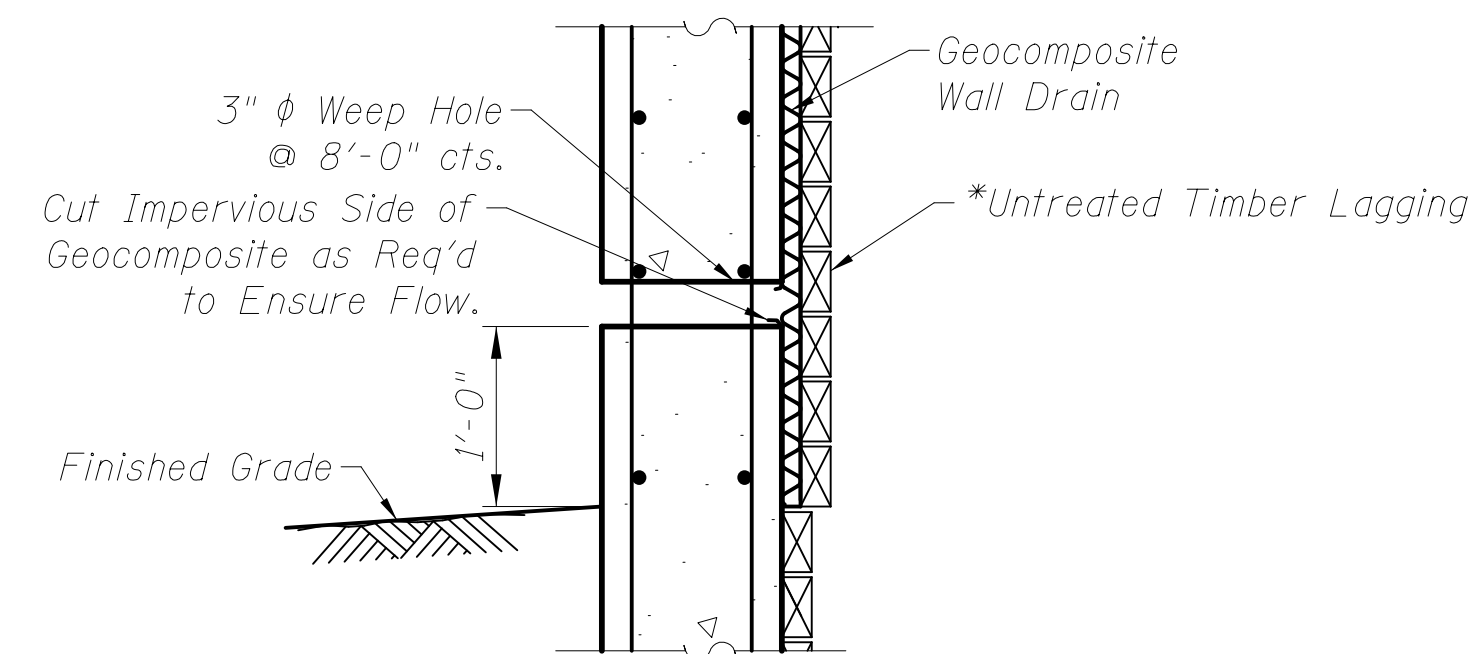


**TYPICAL WINGWALL SECTION**

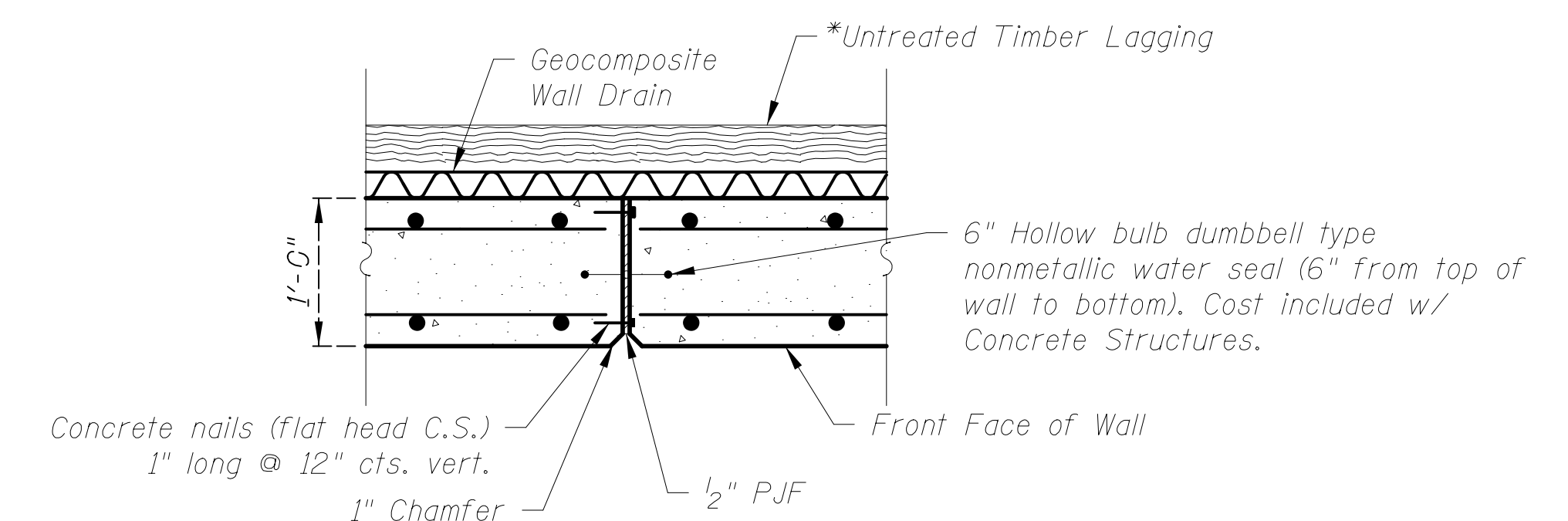


**SECTION THRU DRIVEN SOLDIER PILE WALL**

\* The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.



**WEEP HOLE DRAIN DETAIL**



**EXPANSION JOINT**

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 gs:\p.w. work\king\civiltech\_production\tpb\dms2391\05.Wingwall\_De+alis.dgn  
 2/21/2019



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DRAWN	- M. RENDINO	REVISED	-
DESIGNED	- M. RENDINO	REVISED	-
CHECKED	- G. HATLESTAD	REVISED	-
DATE	- 11/7/2018	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

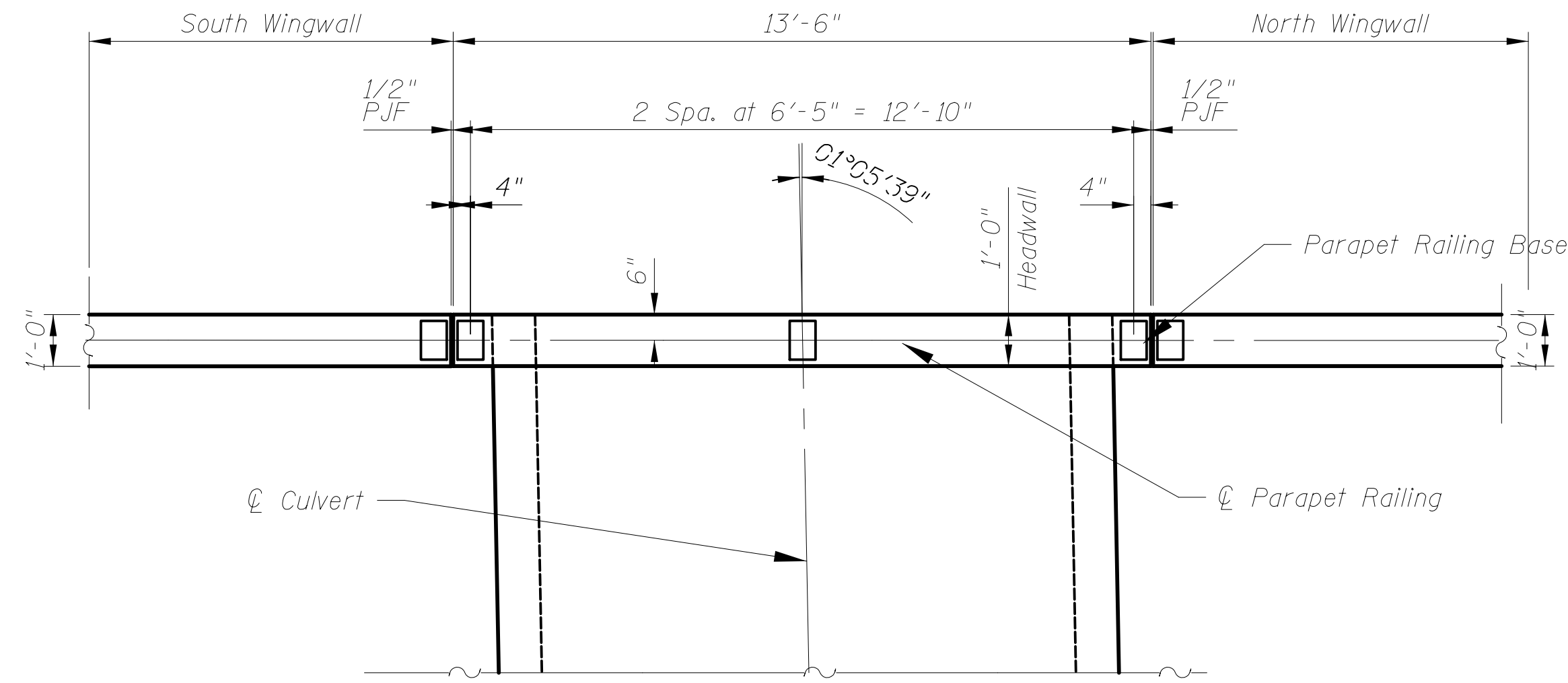
**WINGWALL DETAILS  
 CHURCH ROAD**

SHEET NO. 55 OF 57 SHEETS

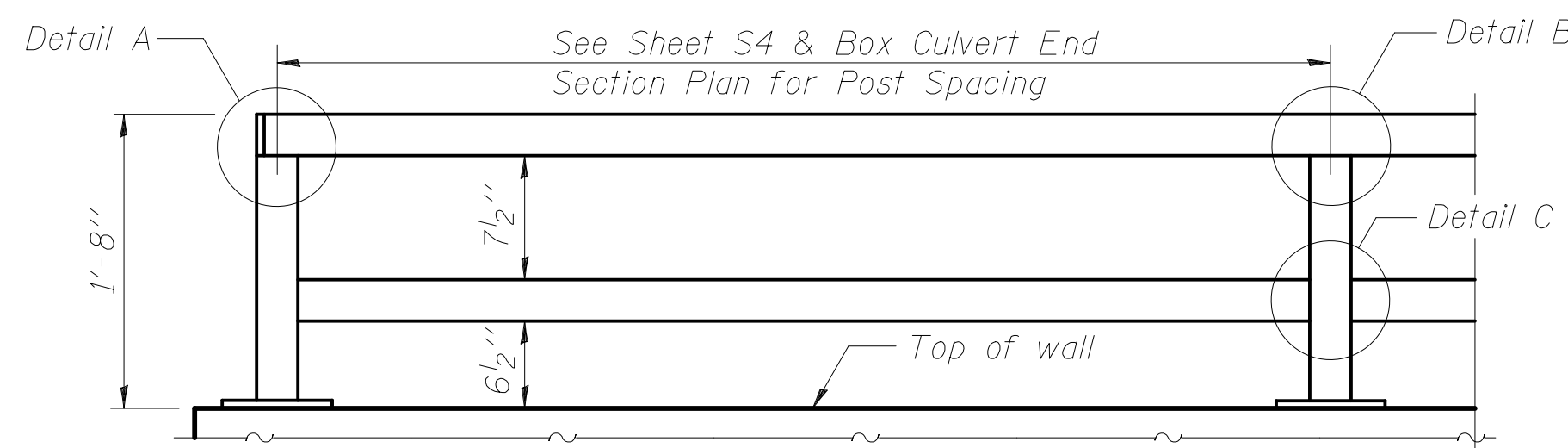
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	39
<b>CONTRACT NO. 61E96</b>				
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				

Notes:  
 All structural steel tubing, post and railing, for parapet railing shall be CVN tested according to 1006.34(b) of the Standard Specifications.

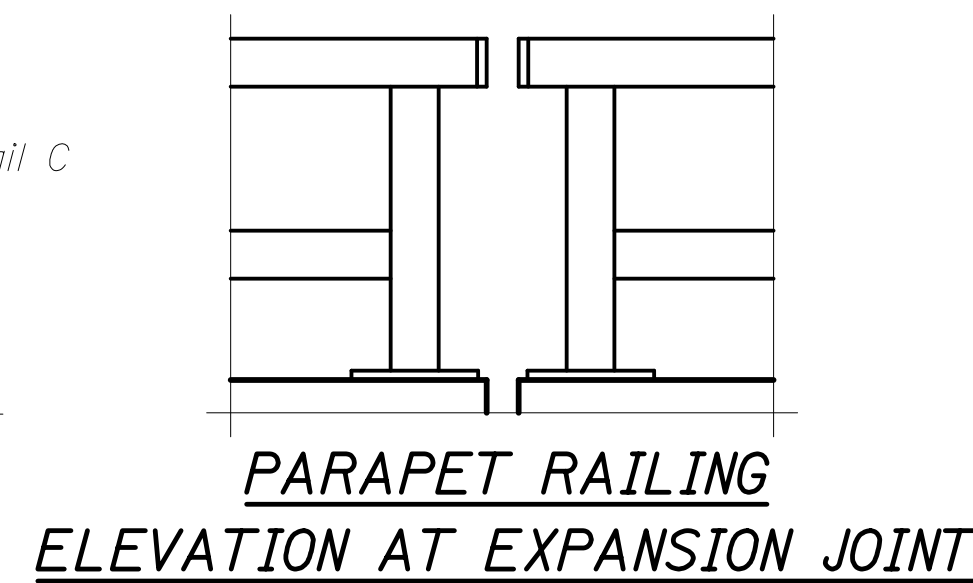
The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for the painting of new structural steel in the railing. The entire system shall be shop applied, with the exception of masked off connection surfaces, field installed fasteners, and damaged areas shall be touched up in the field. The color shall be Matte Black.



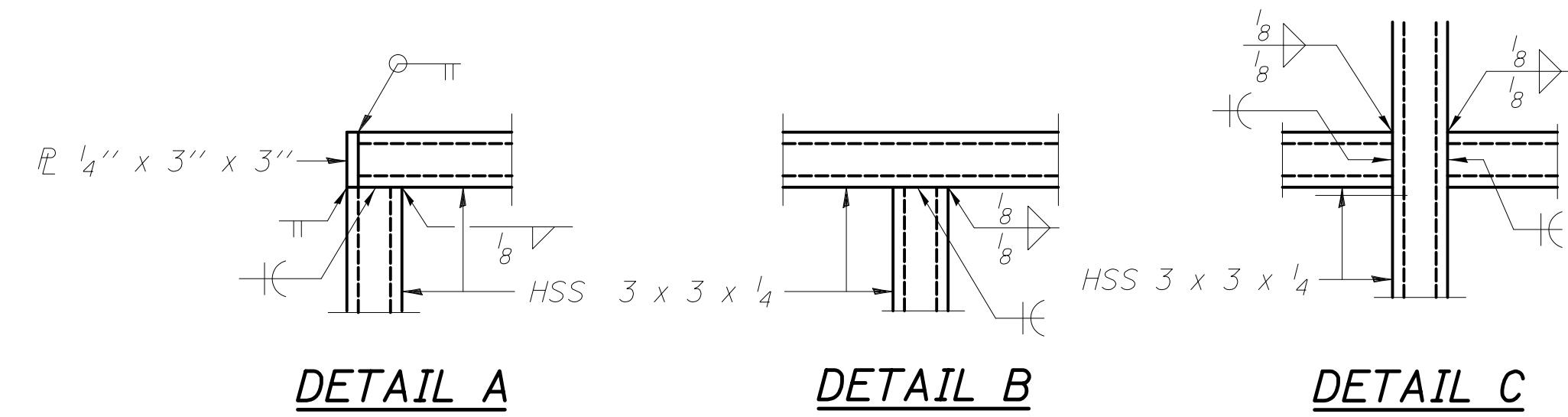
**BOX CULVERT END SECTION PLAN**  
 (Showing Dimensions)



**PARAPET RAILING ELEVATION**  
 (Inside Face of Two Element Rail)



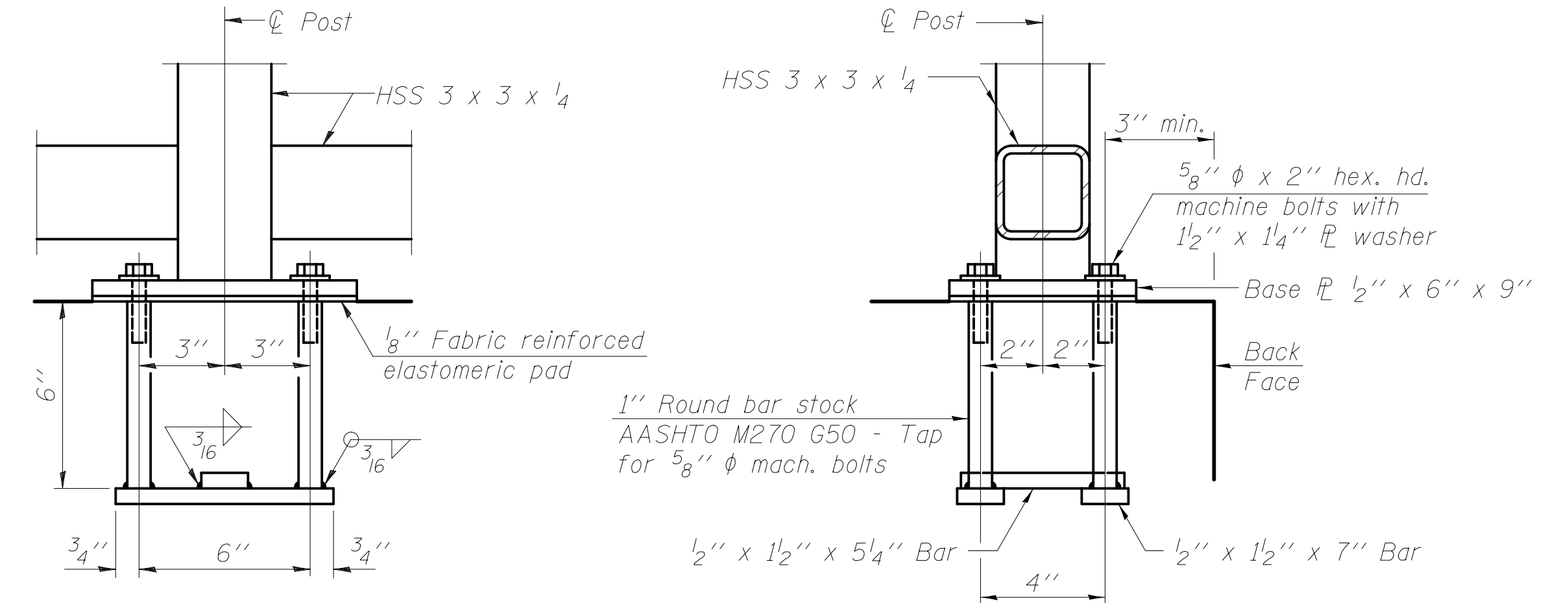
**PARAPET RAILING ELEVATION AT EXPANSION JOINT**



**DETAIL A**

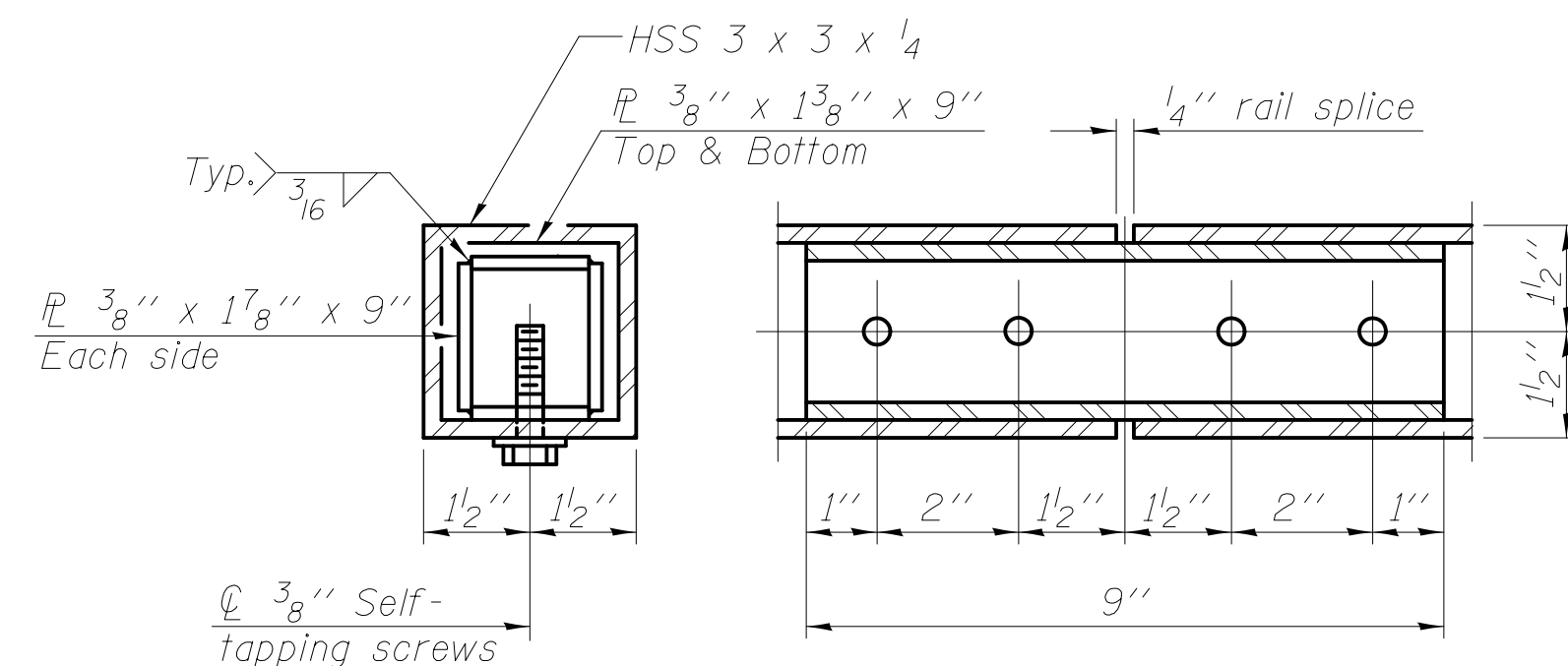
**DETAIL B**

**DETAIL C**

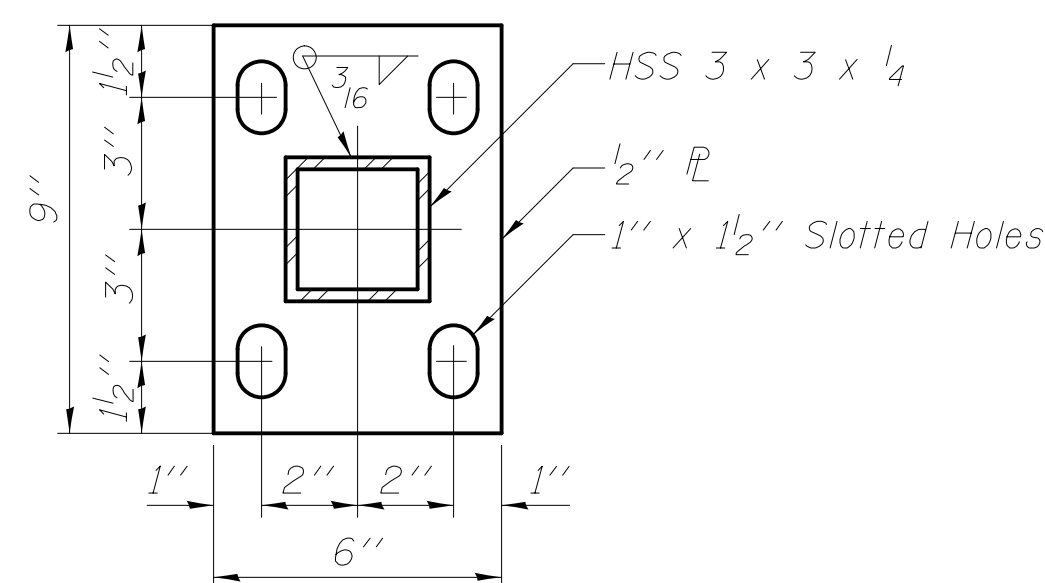


**PARAPET RAILING - ANCHOR BOLT DETAILS**

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" diameter anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



**PARAPET RAILING - RAIL SPLICE**



**PARAPET RAILING - BASE PLATE**

**BILL OF MATERIAL**

Item	Unit	Quantity
Parapet Railing	Foot	74

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MSET PROJECT NO.: 17411 **LOG OF BORING NO. SB-1** Page 1 of 1  
 PROJECT: Church Road - Trail & Culvert Extension SITE LOCATION: Bensenville, Illinois  
 BORING LOCATION: Station 116+90 Culvert Extension CLIENT: Civiltech Engineering, Inc.

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS			REMARKS	
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf		Unconfined Compressive Strength, tsf
0		Black Silty CLAY Topsoil 5" Fill: Black CLAY, A-6, trace glass	0.0 -0.4	SS	1	9	19		4.5 + Qp	
4		Black Silty CLAY, A-6, very stiff	-3.0	SS	2	5	23	93	2.25	
8		Light Grey CLAY, A-6 to A-7-6, trace Fibers, fe stains, stiff to very soft	-5.5	SS	3	3	27	92	1.09	
8		Dark Grey, very soft layer at 8.5'	-8.5	SS	4	2	37	81	0.16	
12				SS	5	4	21	96	1.16	
12		Brown and Grey CLAY, A-6, hard	-13.0	SS	6	12	17	109	5.24	
16				SS	7	13	18	111	4.81	
16		Grey CLAY, A-6, very stiff to stiff	-17.0	SS	8	12	18	108	3.76	
20				SS	9	8	20	105	1.86	
24				SS	10	4	21	108	1.09	
24				SS	11	6	18	109	1.40	
28				SS	12	7	19	105	1.32	
28		End of Boring at 30 Feet	-29.5							

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 12.3'  
 IMMEDIATELY AFTER DRILLING: DC @  
 DELAYED READING AFTER: 19.0'



BORING STARTED: 8/24/17  
 BORING COMPLETED: 8/24/17  
 LOGGED BY: GPF  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

MSET PROJECT NO.: 17411 **LOG OF BORING NO. SB-2** Page 1 of 1  
 PROJECT: Church Road - Trail & Culvert Extension SITE LOCATION: Bensenville, Illinois  
 BORING LOCATION: Station 116+30 Culvert Extension CLIENT: Civiltech Engineering, Inc.

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS			REMARKS	
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf		Unconfined Compressive Strength, tsf
0		Black Silty CLAY Topsoil 6" FILL: Black, little Brown CLAY, A-6, very stiff	0.0 -0.5	SS	1	5	20	92	3.49	
4		Brown, Grey, & Black Sandy Clay LOAM, A- 6, firm	-3.0	SS	2	3	16	101	0.47	
8		Brown and Grey CLAY, A-6, hard	-5.5	SS	3	11	18	108	6.13	
8				SS	4	13	18	108	5.20	
12		Clayey Sand seam at 11', moist Grey CLAY, A-6, very stiff to stiff	-11.0 -11.3	SS	5	21	21	105	3.76	
12		Sand Seam at 13.5'	-13.5	SS	6	7	16	108	1.40	
16		Clayey SILT seam at 16'	-16.0	SS	7	5	22	107	1.54	
20				SS	8	9	18	113	2.21	
24				SS	9	12	15	111	3.88	
24				SS	10	14	15	114	3.96	
28				SS	11	7	17	108	2.41	
28				SS	12	6	20	107	1.94	
28		End of Boring at 30 Feet	-29.5							

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 13.8'  
 IMMEDIATELY AFTER DRILLING: DC @  
 DELAYED READING AFTER: 23.0'



BORING STARTED: 8/24/17  
 BORING COMPLETED: 8/24/17  
 LOGGED BY: GPF  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

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 Itasca, Illinois 60143  
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 www.civiltechinc.com

DRAWN - M. RENDINO  
 DESIGNED - M. RENDINO  
 CHECKED - G. HATLESTAD  
 DATE - 11/7/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
 CHURCH ROAD

SHEET NO. 57 OF 57 SHEETS

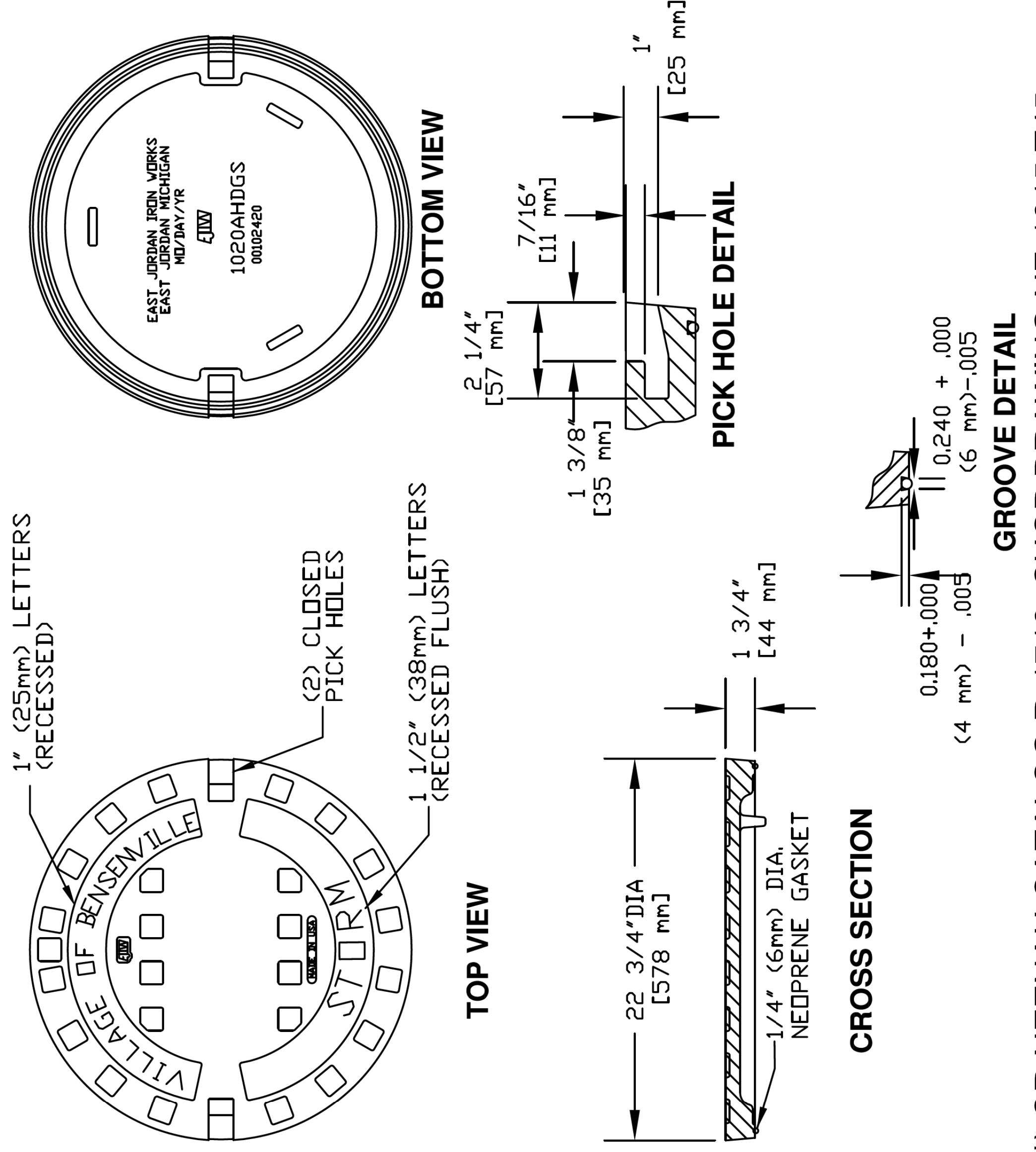
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	41
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	DATE		
	ADD. FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	DATE		
	ADD. FILE NAME		

(*) EAST JORDAN IRON WORKS, INC. P.O. BOX 439 EAST JORDAN, MI. 49727 1-800-874-4100 FAX 231-536-4458	
DRAWN SMH	DATE 11/11/02
APPROVED	DATE
<b>SPECIAL LETTERED COVER</b>	
(*) PRODUCT NO. <b>00102421</b>	
CATALOG NO. <b>1020A</b>	
REF. PRODUCT DRAWING 102067	
EST. WT. COVER WT. 115 LBS. (52 kg)	
OPEN AREA N/A	
MAT'L SPEC. COVER - GRAY IRON ASTM A48 CL 35	
LOAD RATING <b>HEAVY DUTY</b>	



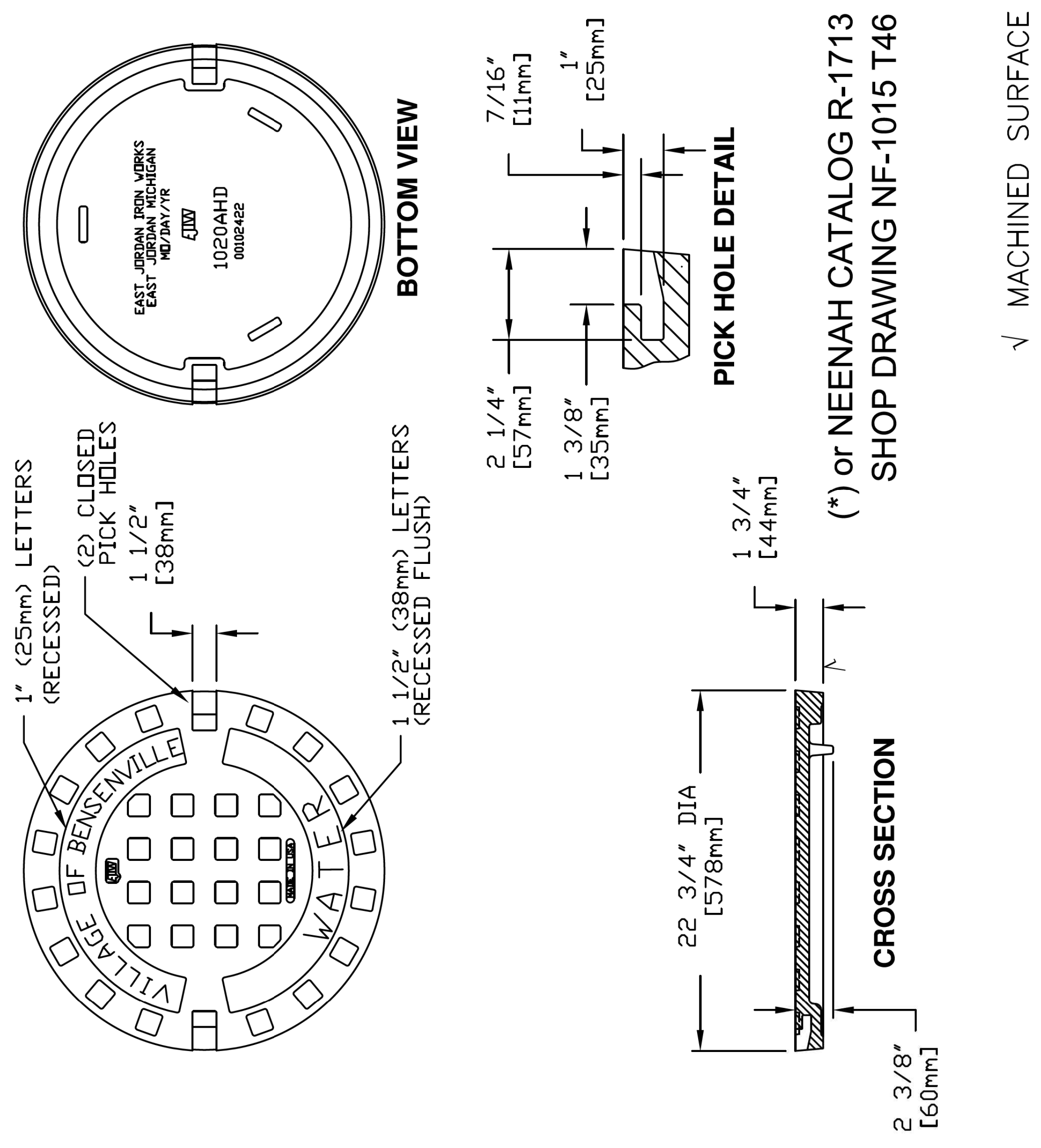
(\*) OR NEENAH CATALOG R-1713 SHOP DRAWING NF-1015 T45

VILLAGE OF BENSENVILLE  
12 S. CENTER STREET  
BENSENVILLE, IL 60106  
WWW.BENSENVILLE.IL.US

**STORM FRAME AND LID STANDARD (CLOSED)**

VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS	REVISIONS
FILE LOCATION	
G:\ENGINEERING\STANDARDS\NEW STANDARDS\STORM	

(*) EAST JORDAN IRON WORKS, INC. P.O. BOX 439 EAST JORDAN, MI. 49727 1-800-874-4100 FAX 231-536-4458	
DRAWN SMH	DATE 11/11/02
APPROVED	DATE
<b>SPECIAL LETTERED COVER</b>	
(*) PRODUCT NO. <b>00102422</b>	
CATALOG NO. <b>1020A</b>	
REF. PRODUCT DRAWING 00102067	
EST. WT. COVER WT. 115 LBS. (52kg)	
OPEN AREA N/A	
MAT'L SPEC. COVER - GRAY IRON ASTM A48 CL 35	
LOAD RATING <b>HEAVY DUTY</b>	



(\*) OR NEENAH CATALOG R-1713 SHOP DRAWING NF-1015 T46

✓ MACHINED SURFACE

VILLAGE OF BENSENVILLE  
12 S. CENTER STREET  
BENSENVILLE, IL 60106  
WWW.BENSENVILLE.IL.US

**FRAME AND CLOSE LID WATER STANDARD**

VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS	REVISIONS
FILE LOCATION	
G:\ENGINEERING\STANDARDS\NEW STANDARDS\WATER	

PLAN	SURVEYED	DATE
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	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
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	NO.	
	DATE	

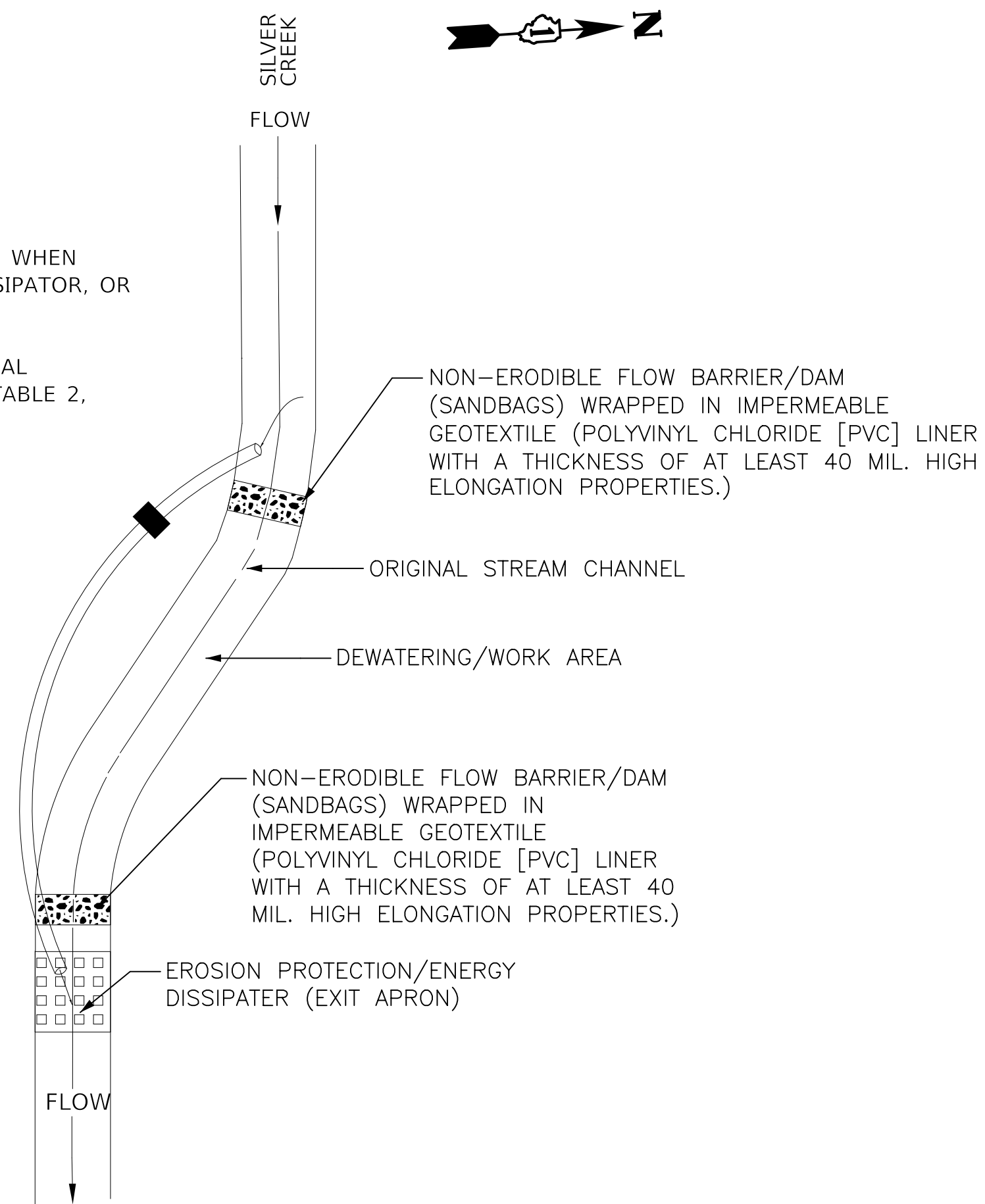
NOTES:

1. PLACE GEOTEXTILE UNDER RIPRAP WHEN RIPRAP IS USED FOR ENERGY DISSIPATOR, OR EROSION CONTROL.
2. GEOTEXTILES SHALL MEET MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 2, CLASS 1.

PUMP SIZE:  
TO BE SIZED BY CONTRACTOR

EROSION PROTECTION/  
ENERGY DISSIPATOR  
DETAILS:

GEOTEXTILE UNDER CLASS 3  
RIPRAP



TYPICAL PUMPED DIVERSION PLAN

TEMPORARY STREAM DIVERSION – BYPASS PUMP

NOT TO SCALE 116+51.96

NOTE: THIS ITEM SHALL BE INCLUDED IN THE COST OF THE PROPOSED CULVERT EXTENSION BEING INSTALLED.

NOTES:

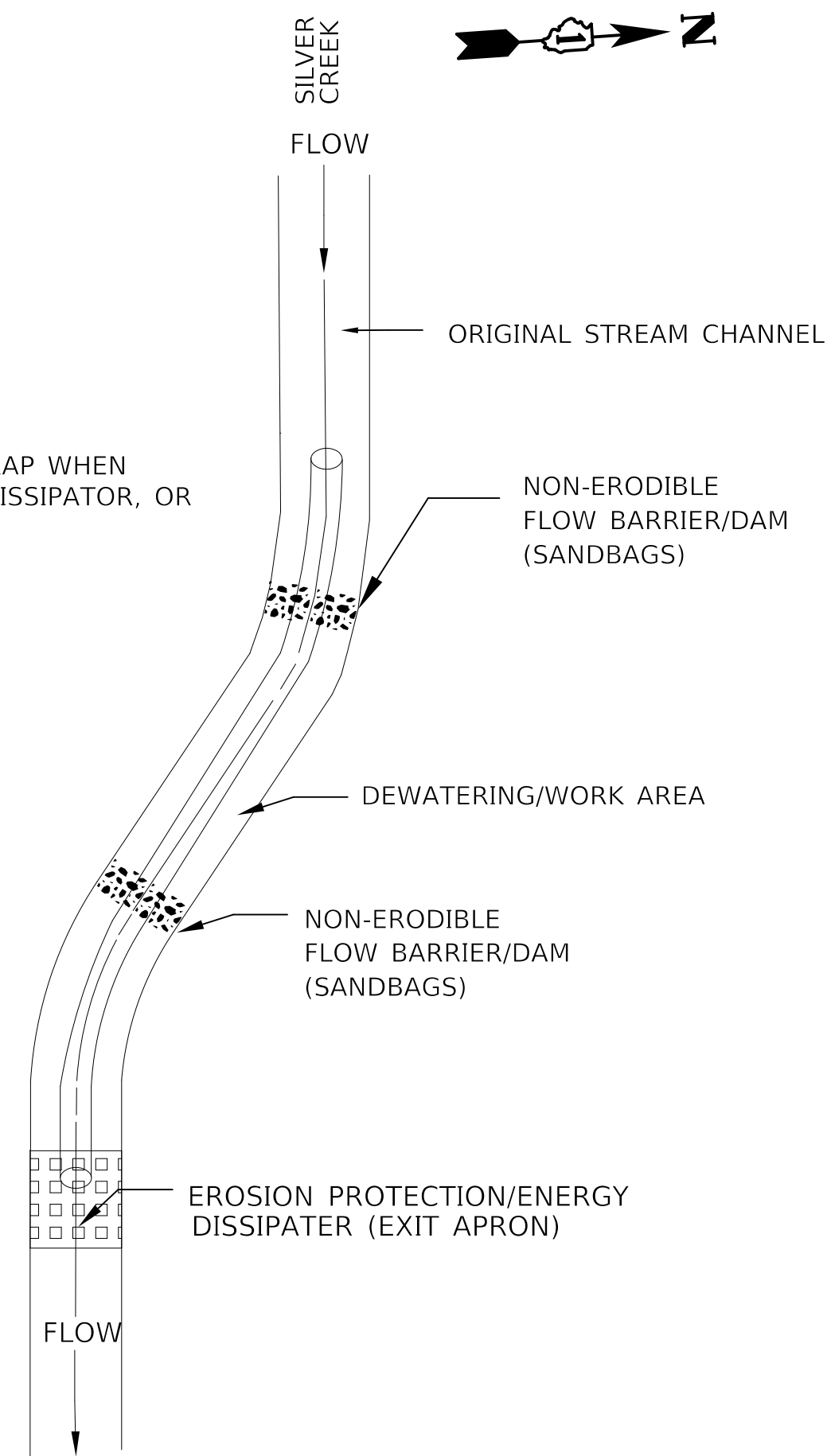
1. PLACE GEOTEXTILE UNDER RIPRAP WHEN RIPRAP IS USED FOR ENERGY DISSIPATOR, OR EROSION CONTROL.

PIPE DIAMETER: 2-15" dia.

PIPE MATERIAL:  
CORRUGATED PLASTIC

EROSION PROTECTION/  
ENERGY DISSIPATOR  
DETAILS:

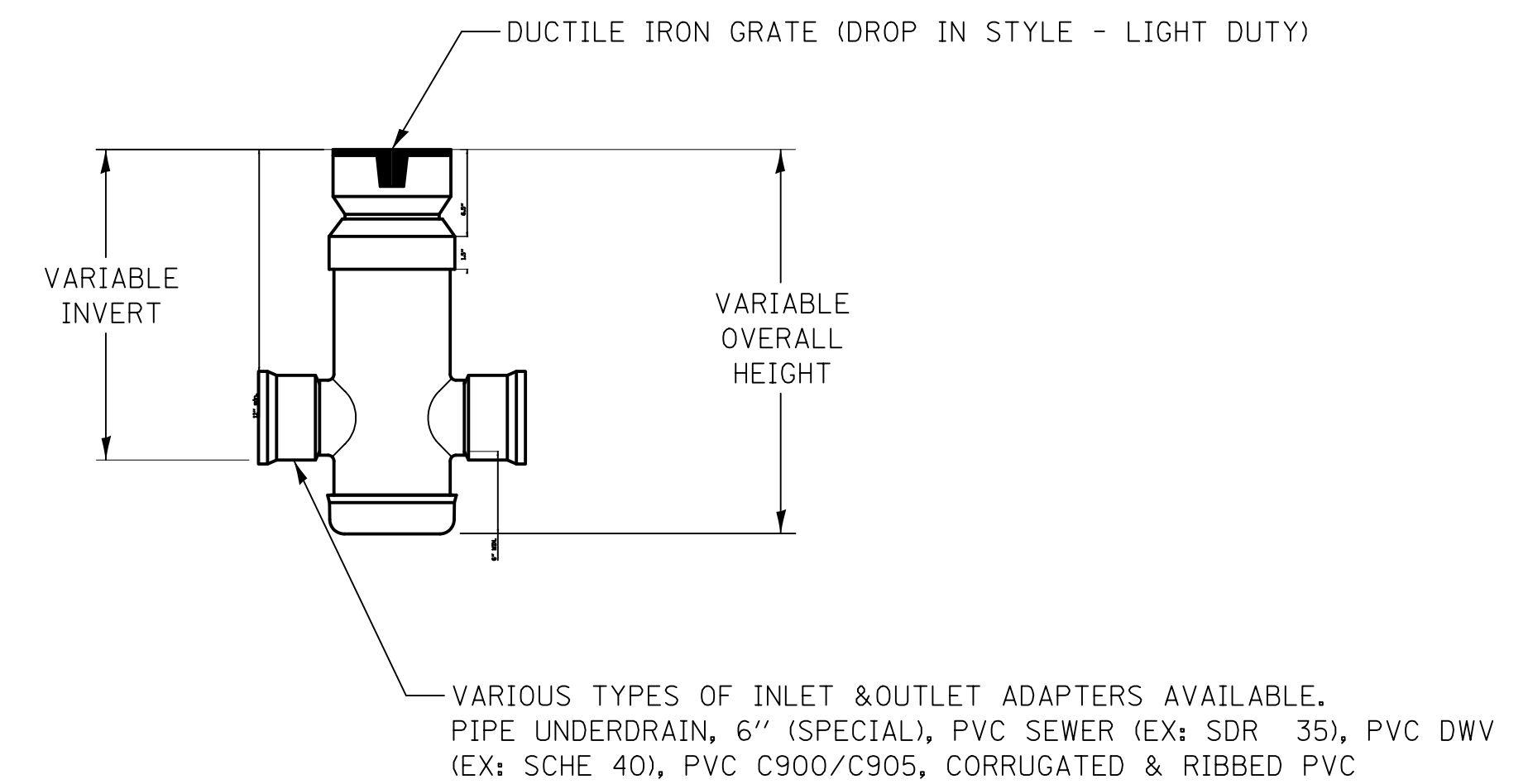
GEOTEXTILE UNDER CLASS 3  
RIPRAP



TYPICAL PIPE DIVERSION PLAN

NOT TO SCALE 116+51.96

NOTE: THIS ITEM SHALL BE INCLUDED IN THE COST OF THE PROPOSED CULVERT EXTENSION BEING INSTALLED.



NOTES:

- GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- CUSTOM DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
- DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE & SDR 35 PVC.
- DIMENSIONS ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY.

INLETS, SPECIAL DETAIL



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
www.civiltechinc.com

DESIGNED -	JRR	REVISED -	
DRAWN -	TFS	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	2/21/2019	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

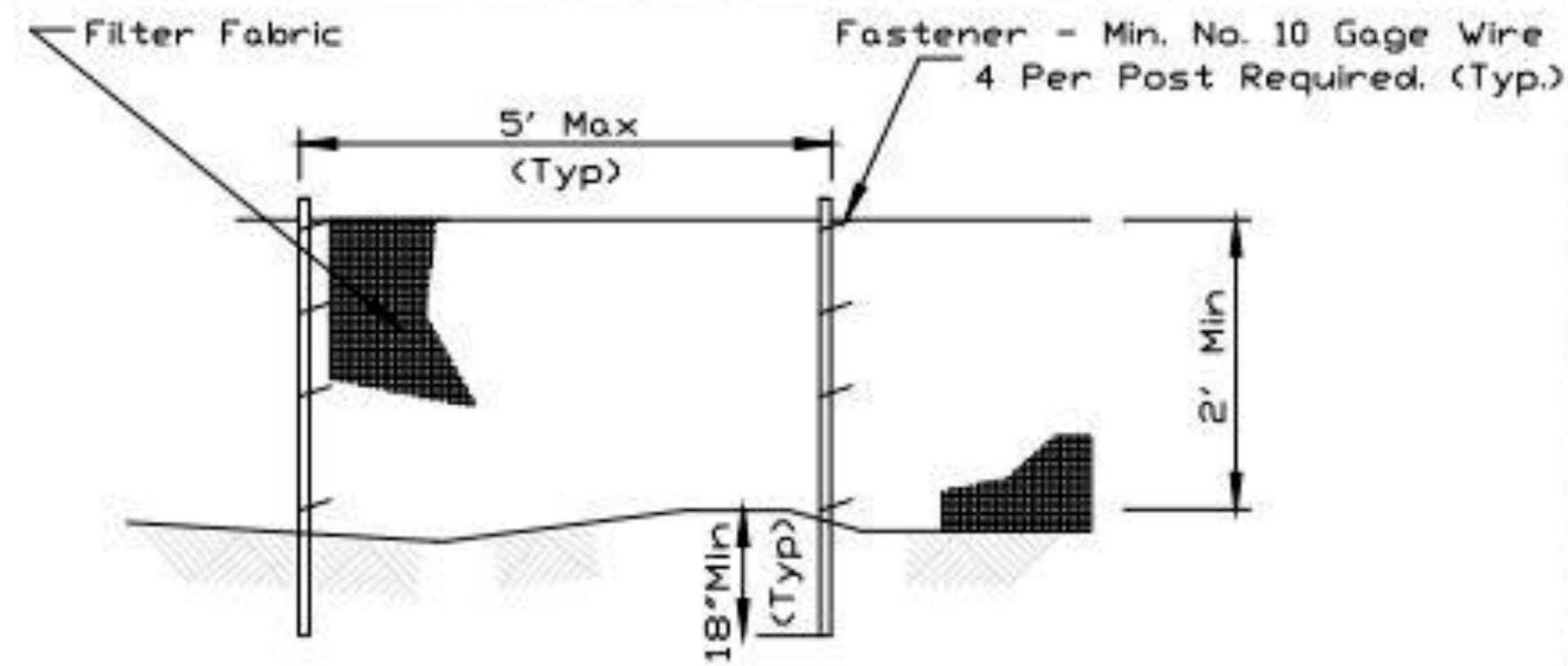
SHEET NO. 3 OF 10 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	44
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

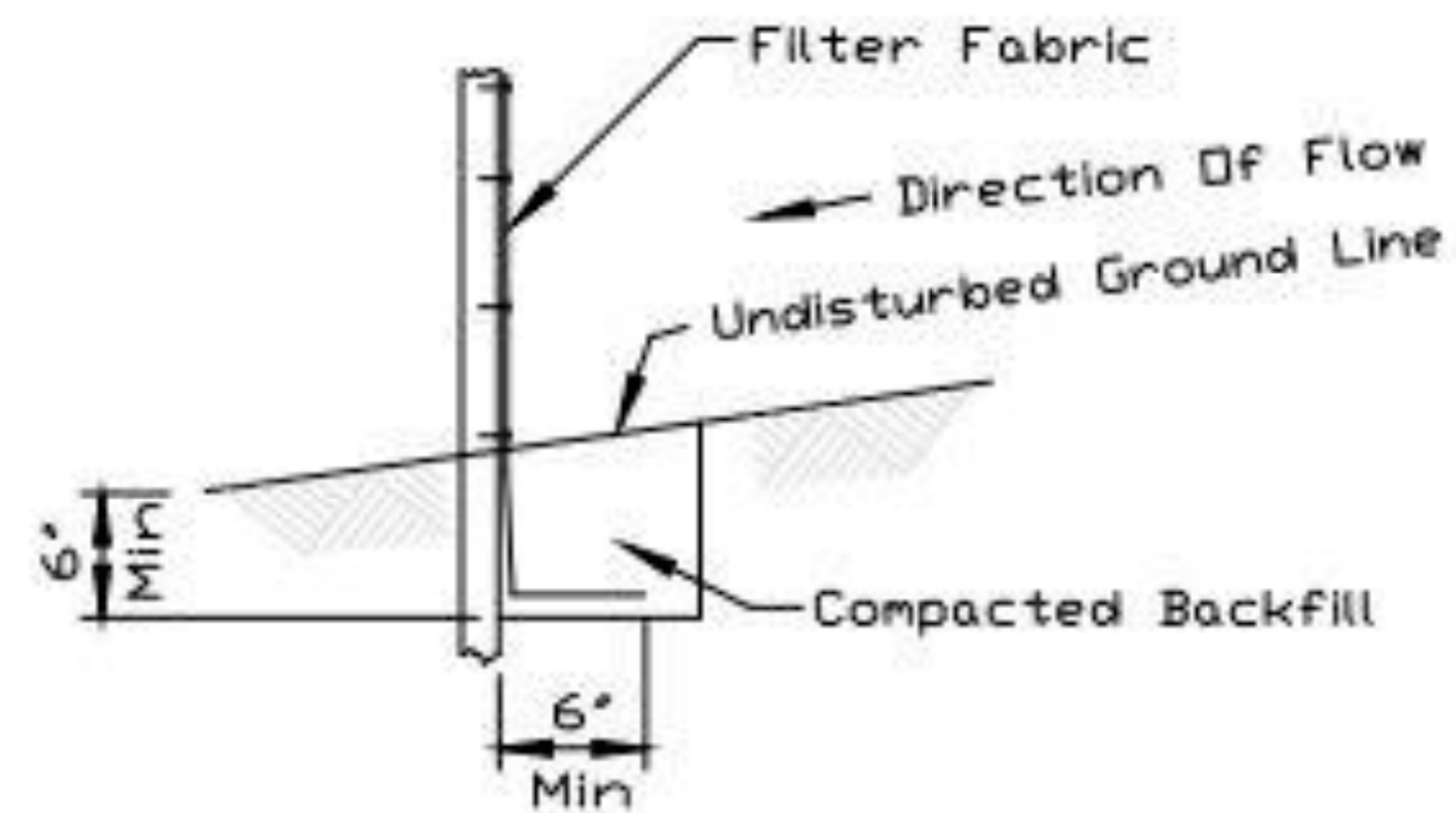
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
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	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	

## SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

**NOTES:**

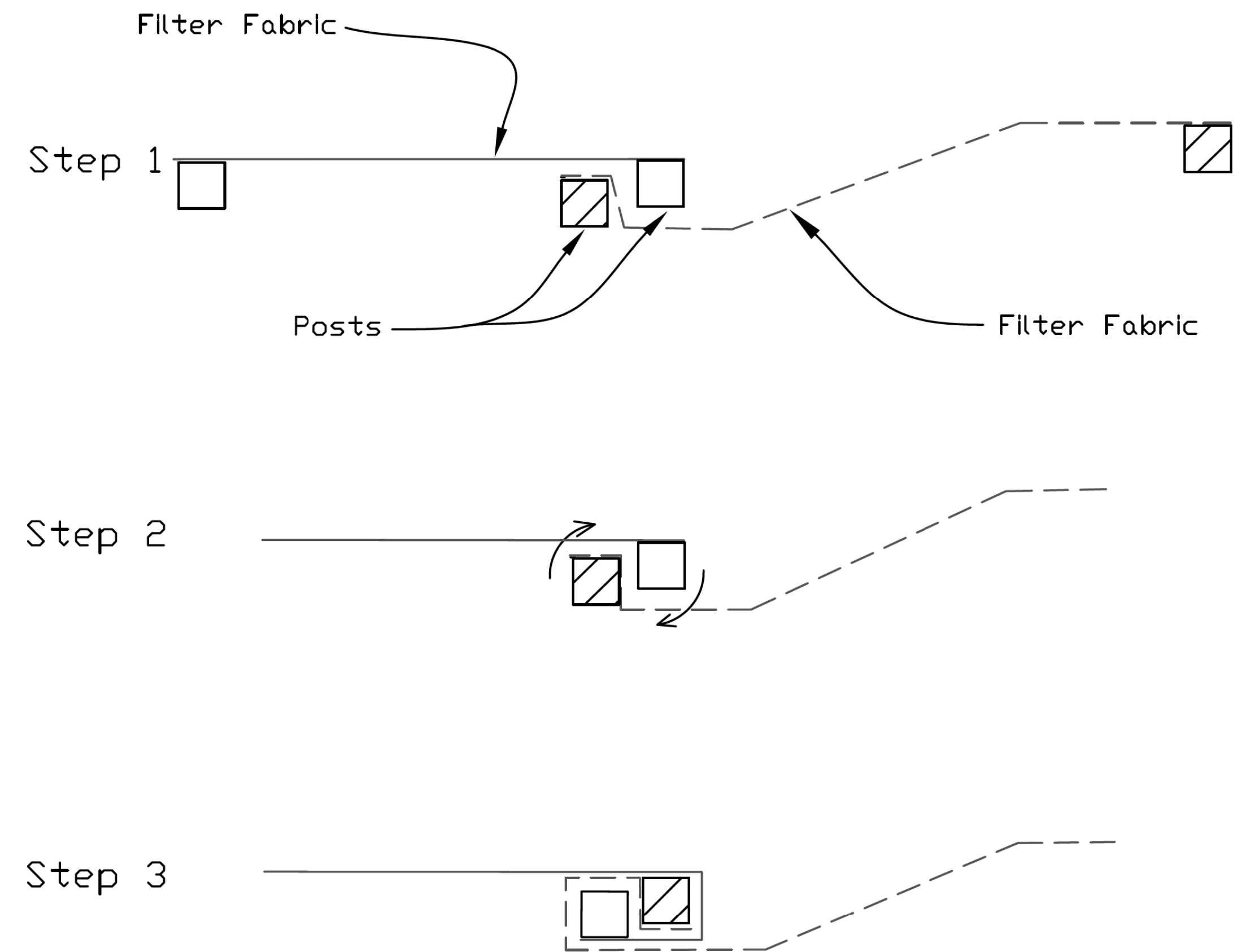
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile based upon performance needed.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 2' x 2' nominal size.

REFERENCE	Project	_____
	Designed	_____ Date _____
	Checked	_____ Date _____
	Approved	_____ Date _____



STANDARD DWG. NO.	IUM-620
SHEET 1 OF 2	
DATE	3-16-12

## SILT FENCE - SPLICING TWO FENCES



ATTACHING TWO SILT FENCES

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

REFERENCE	Project	_____
	Designed	_____ Date _____
	Checked	_____ Date _____
	Approved	_____ Date _____



STANDARD DWG. NO.	IUM-620B(W)
SHEET 1 OF 1	
DATE	3-16-2012



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
www.civiltechinc.com

DESIGNED	- JRR	REVISED	-
DRAWN	- TFS	REVISED	-
CHECKED	- KRK	REVISED	-
DATE	- 2/21/2019	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

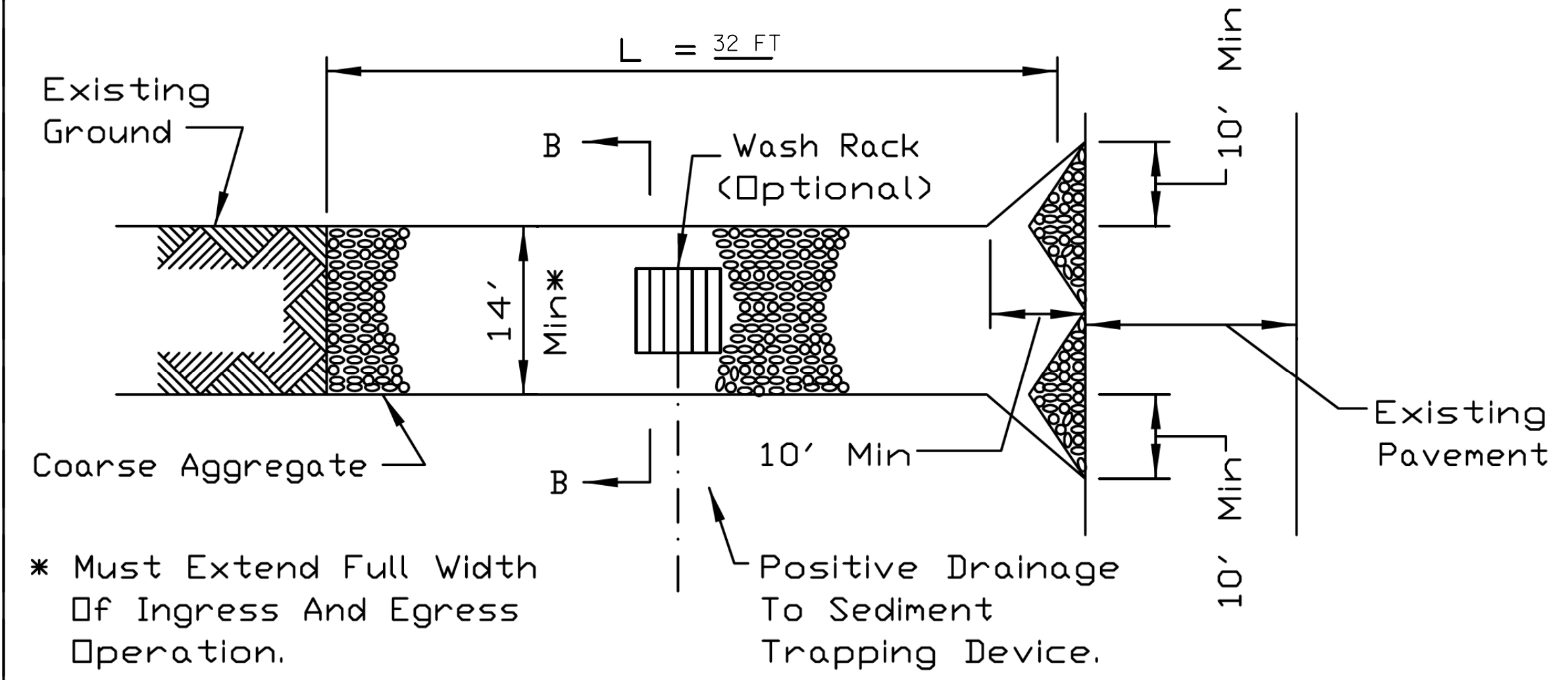
SHEET NO. 4 OF 10 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	45
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
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SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
NOTE BOOK	
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ADD. FILE NAME	

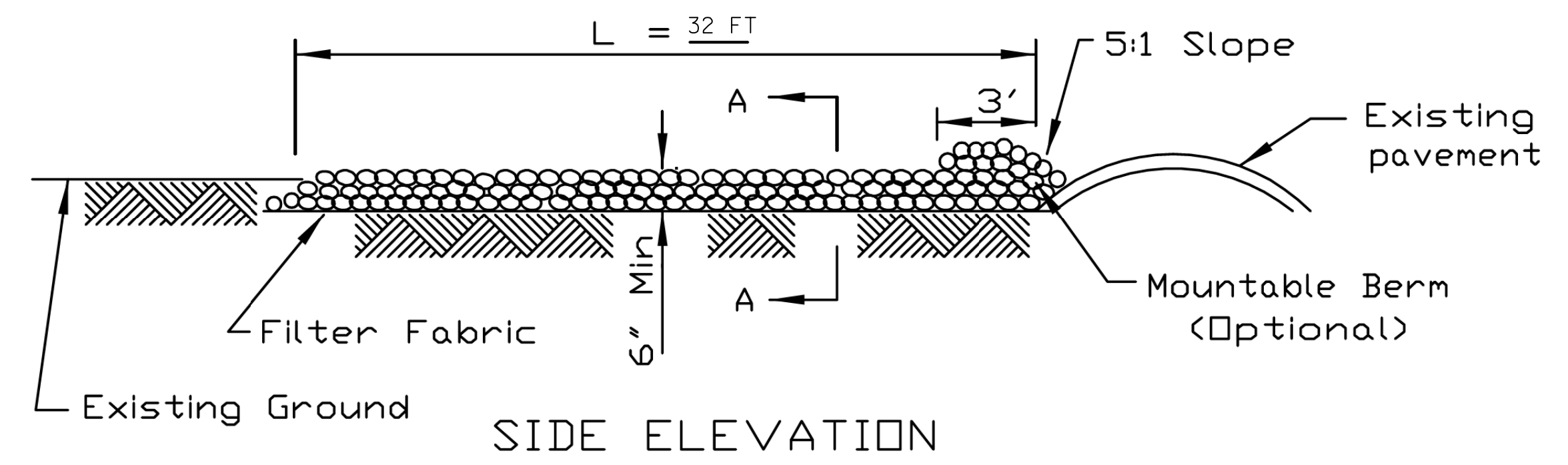
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHKD	

## STABILIZED CONSTRUCTION ENTRANCE PLAN



\* Must Extend Full Width Of Ingress And Egress Operation.

PLAN VIEW



SIDE ELEVATION

**NOTES:**

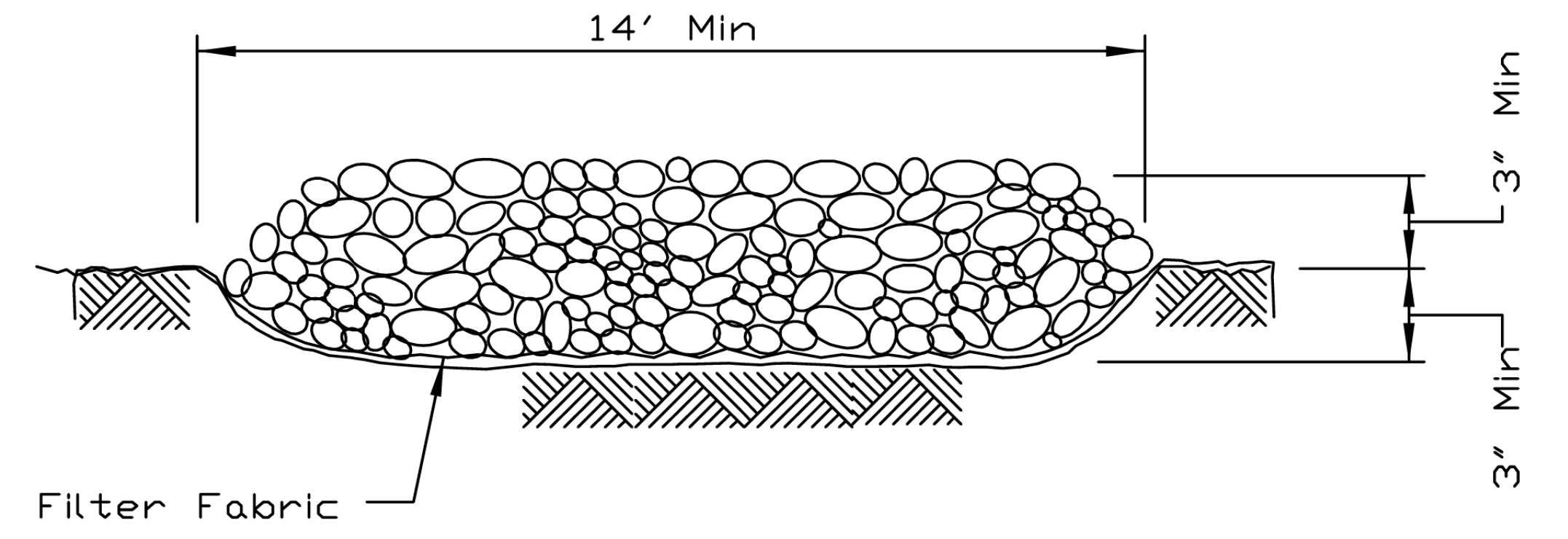
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3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

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

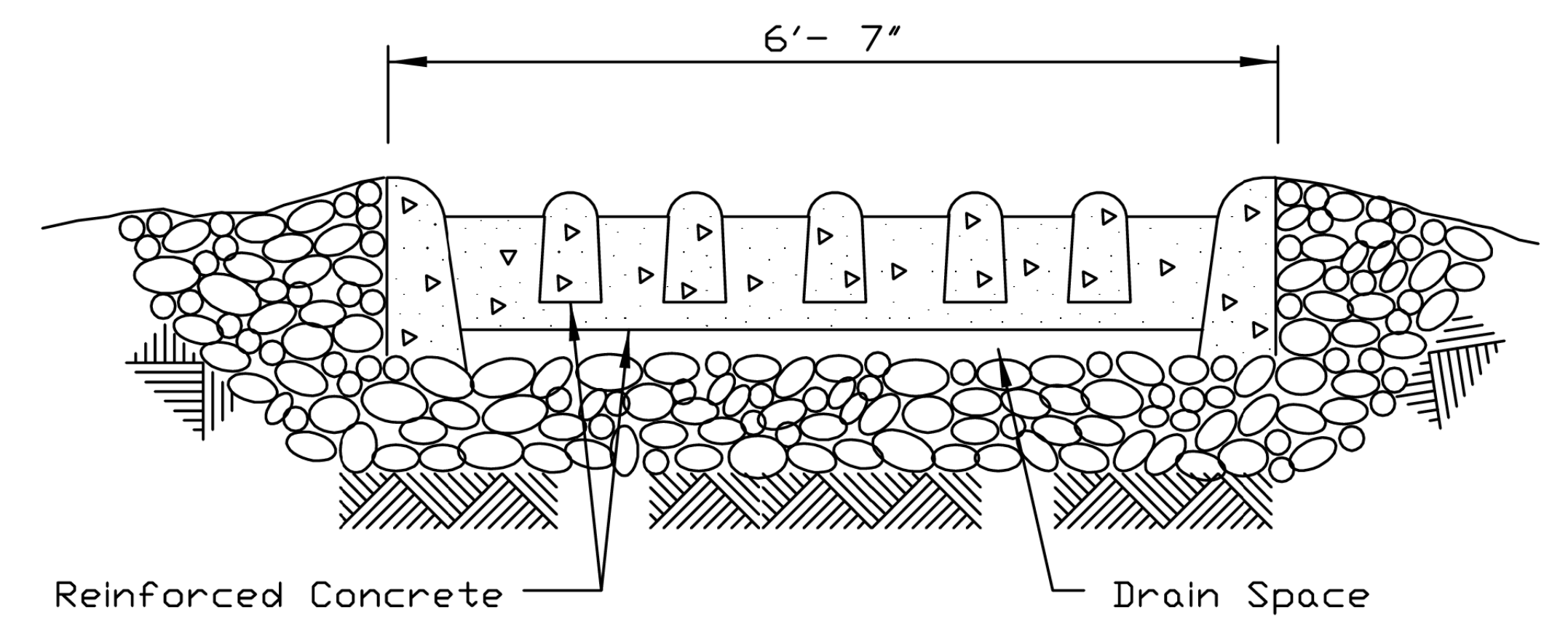


STANDARD DWG. NO.  
**IL-630**  
SHEET 1 OF 2  
DATE 8-18-94

## STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

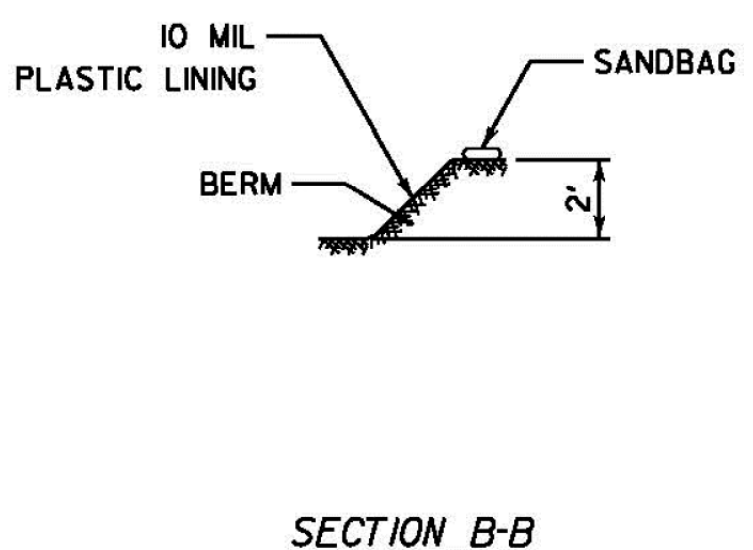
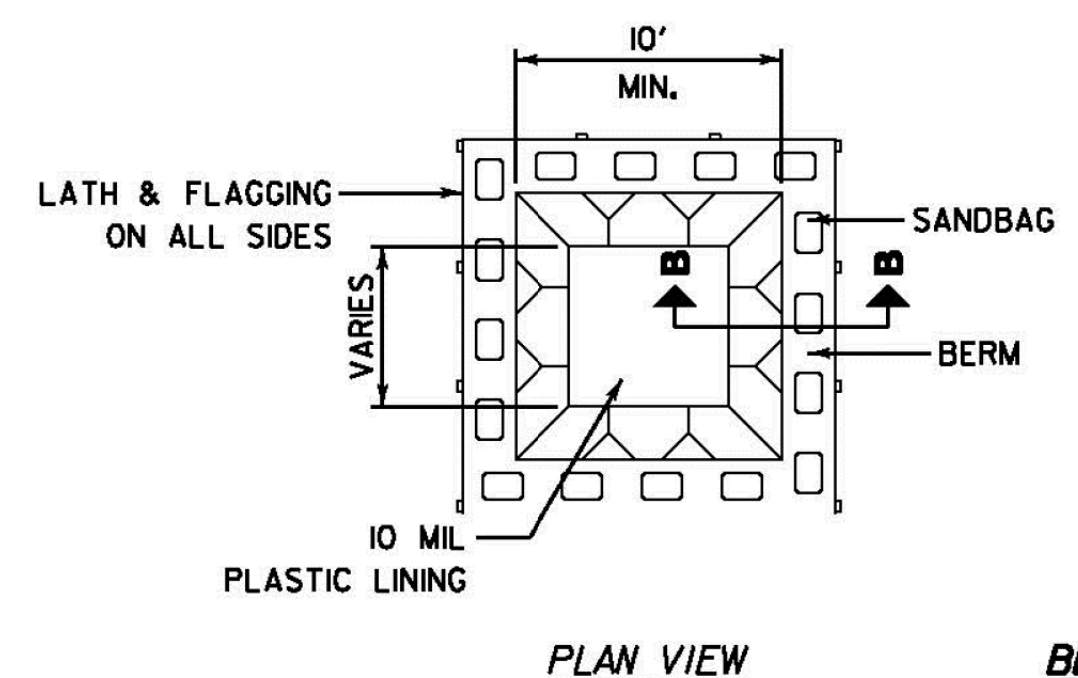
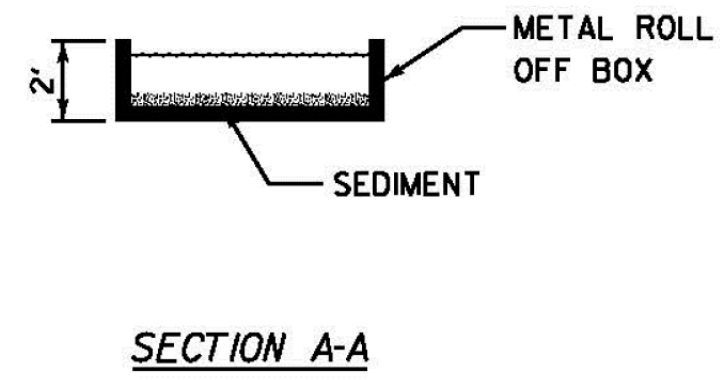
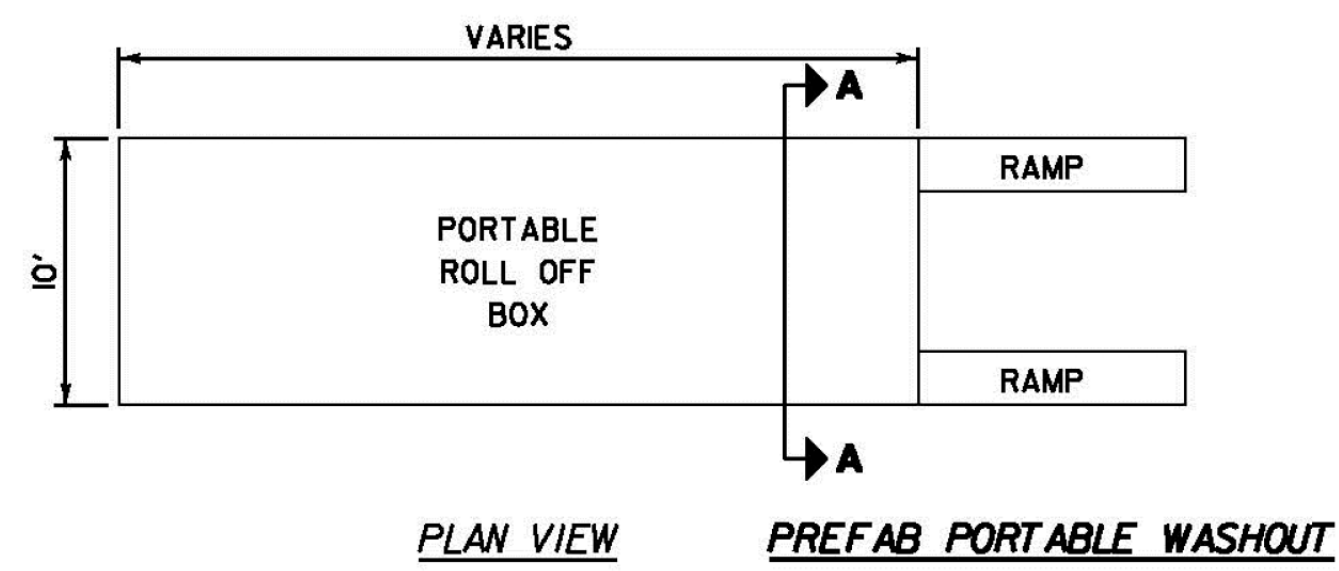
REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.  
**IL-630**  
SHEET 2 OF 2  
DATE 8-18-94

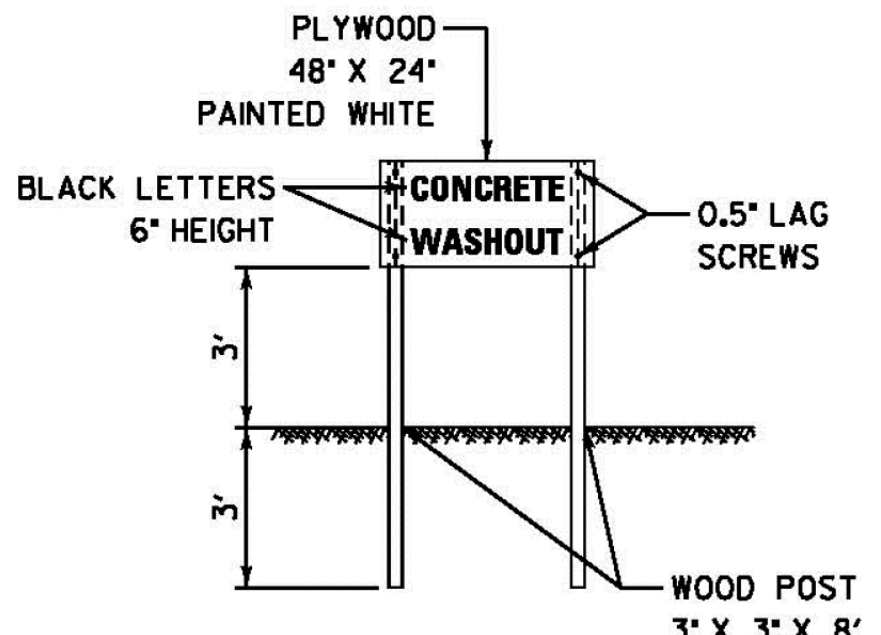
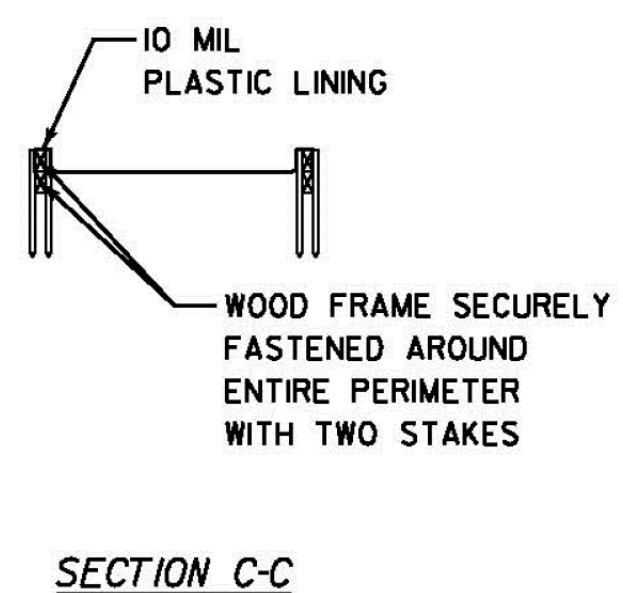
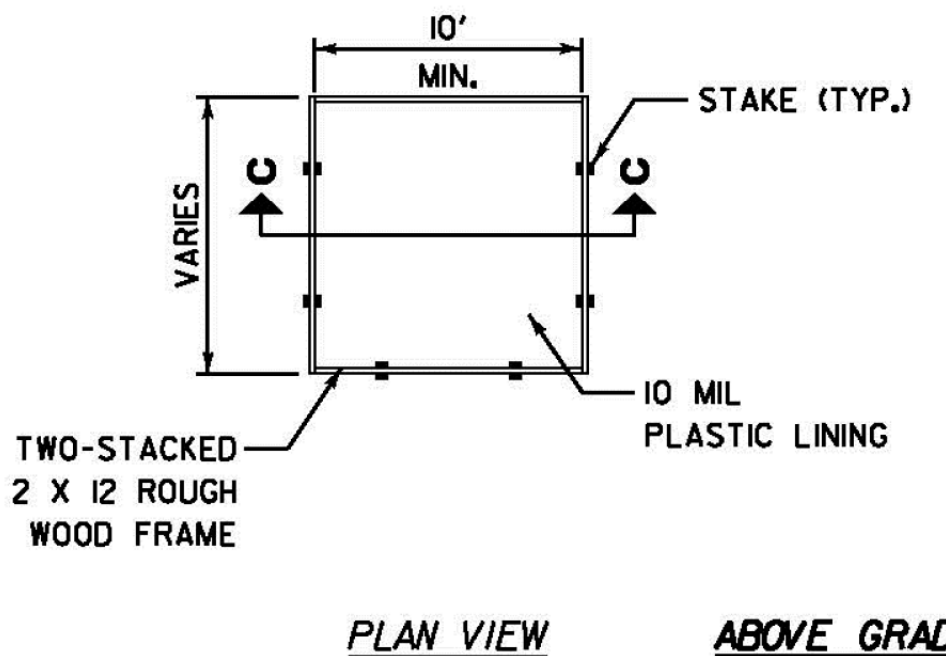
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 BY \_\_\_\_\_  
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 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS: CHKD

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
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 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS: CHKD

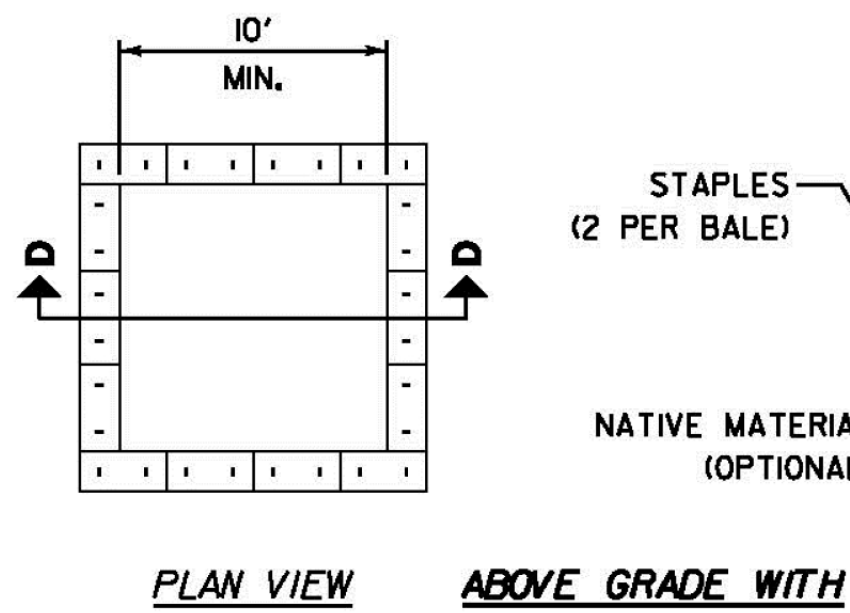


- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
  3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

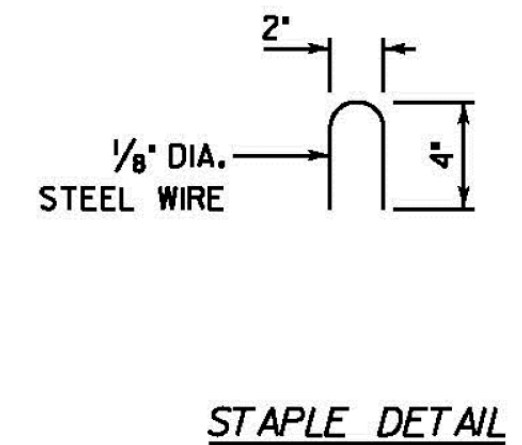
NOT TO SCALE



CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)



ABOVE GRADE WITH STRAW BALES

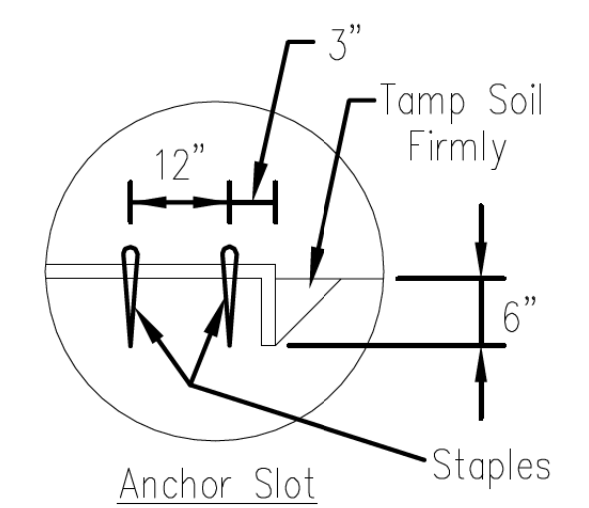
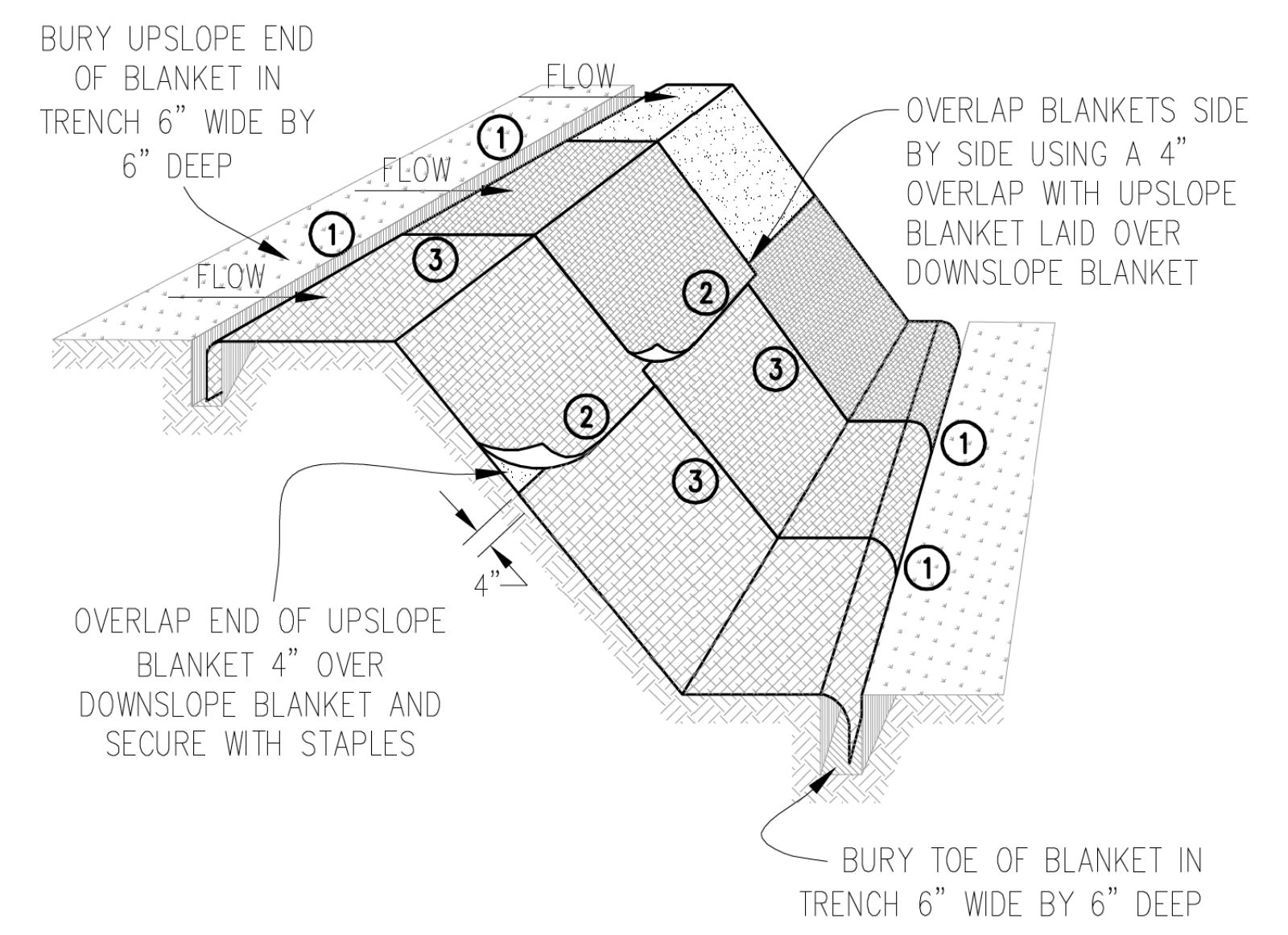


STAPLE DETAIL

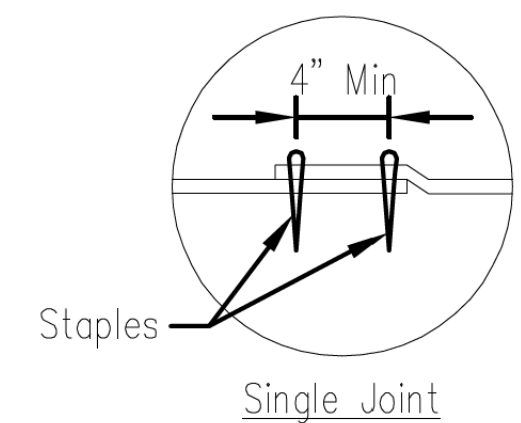
- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
  3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

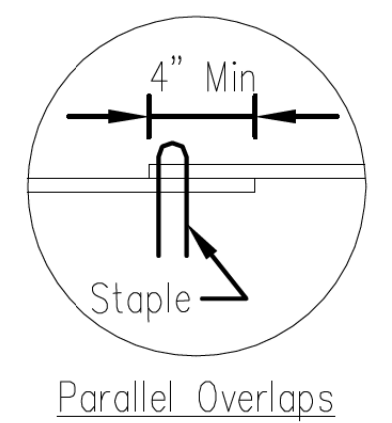
**CONCRETE WASHOUT FACILITIES**



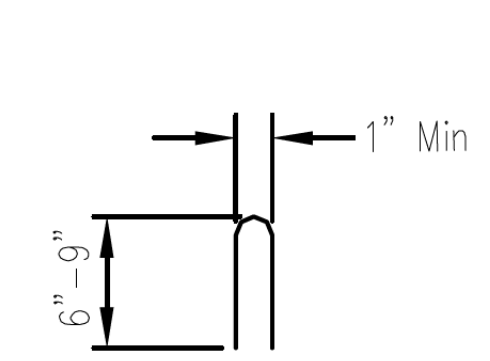
DETAIL 1



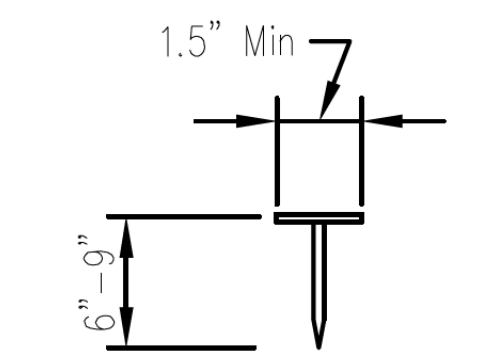
DETAIL 2



DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

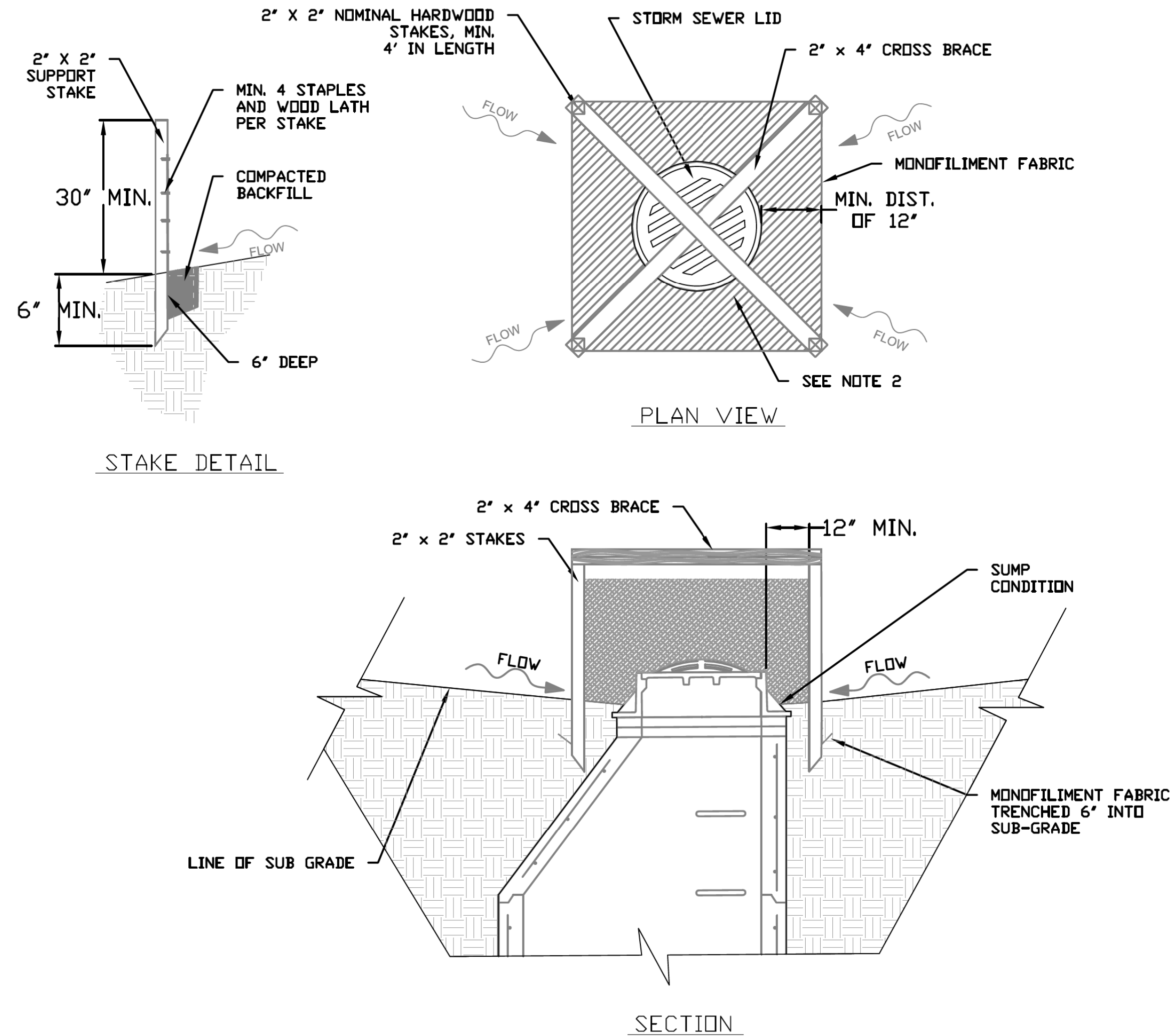
**NOTES:**

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

File No. 10M-530	Designed _____	Date _____
Drawing No. _____	Drawn B. JOHNSON	11/08
	Checked _____	
	Approved _____	

**EROSION CONTROL BLANKET INSTALLATION DETAILS**

# INLET PROTECTION - MONOFILAMENT FABRIC BARRIER FENCE

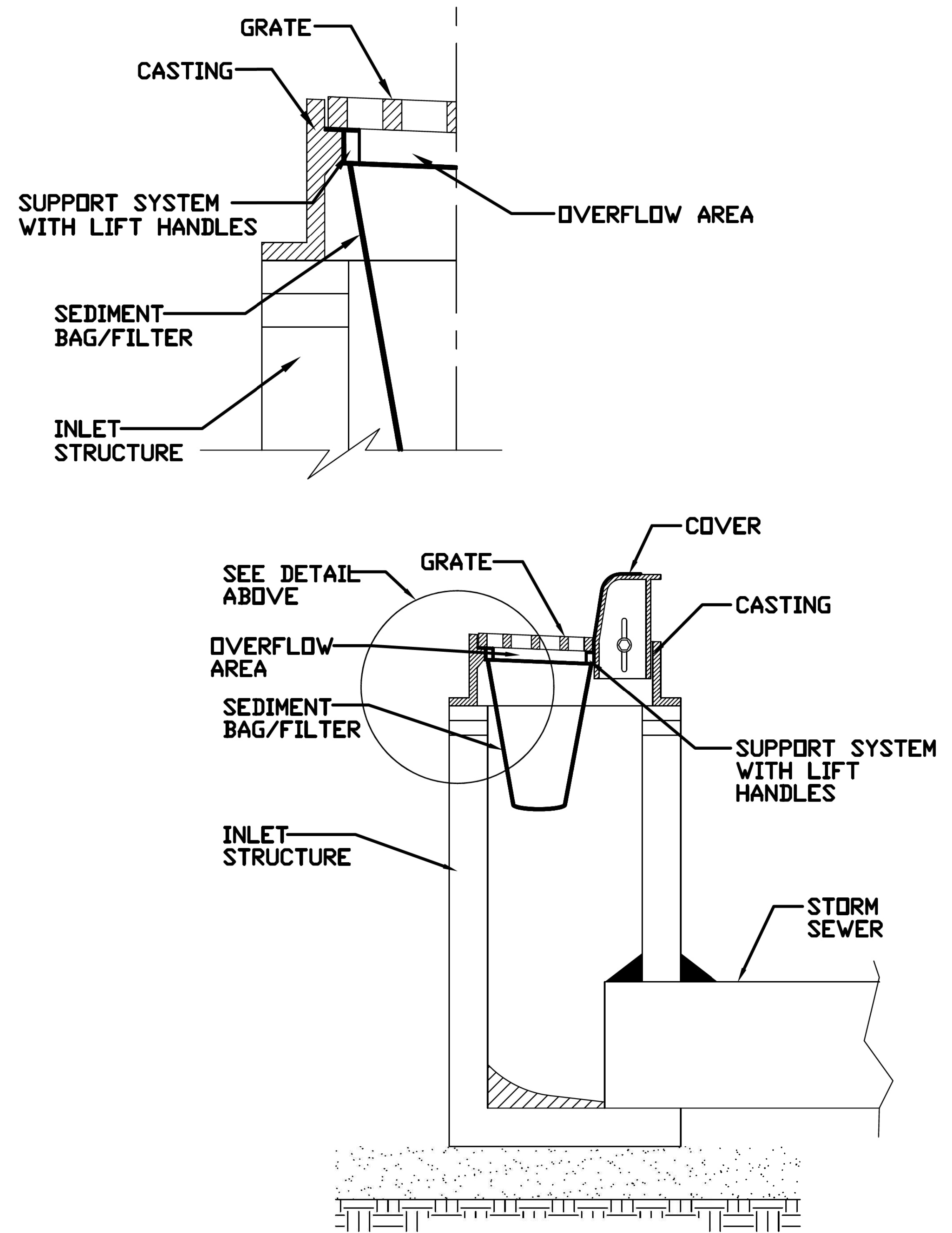


**NOTES:**

- 2 x 2 nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
- Area inside the fence, from edge of fabric to structure, must be stabilized with Erosion Control Blanket, Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone
- Maximum height of the fabric above the crest of the drop inlet shall be 30". Place the bottom 6 inches of the fabric in a trench and backfill with 6 inches of 95% compacted soil.
- Stakes must be a maximum of 4 feet apart.
- A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the monofilament fabric.
- Monofilament fabric shall meet the requirement of Material Specification 592 Geotextile Table 1, Class 4.
- Monofilament fabric shall be secured to each 2" x 2" nominal hardwood stake with a minimum of 4 steel staple fasteners and wood lath. Wood lath shall be a minimum length of 10 inches. Wire fasteners should be used if metal T-Posts are installed in place of hardwood stakes.

REFERENCE	STANDARD DWG. NO.
Project _____	IUM-531
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 04-6-15
Approved _____ Date _____	

# INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



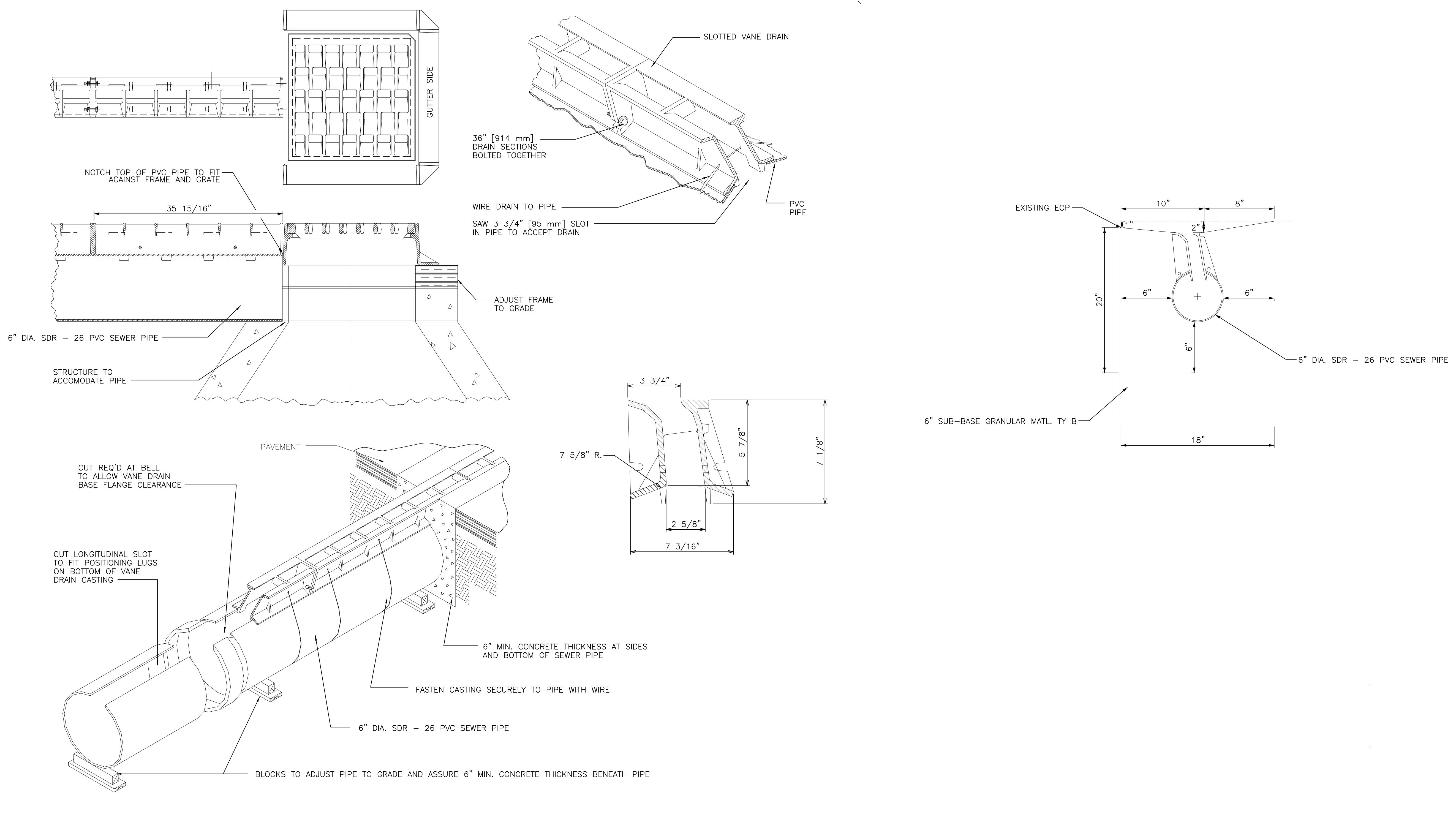
REFERENCE	STANDARD DWG. NO.
Project _____	IUM-561D
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 01-11-11
Approved _____ Date _____	





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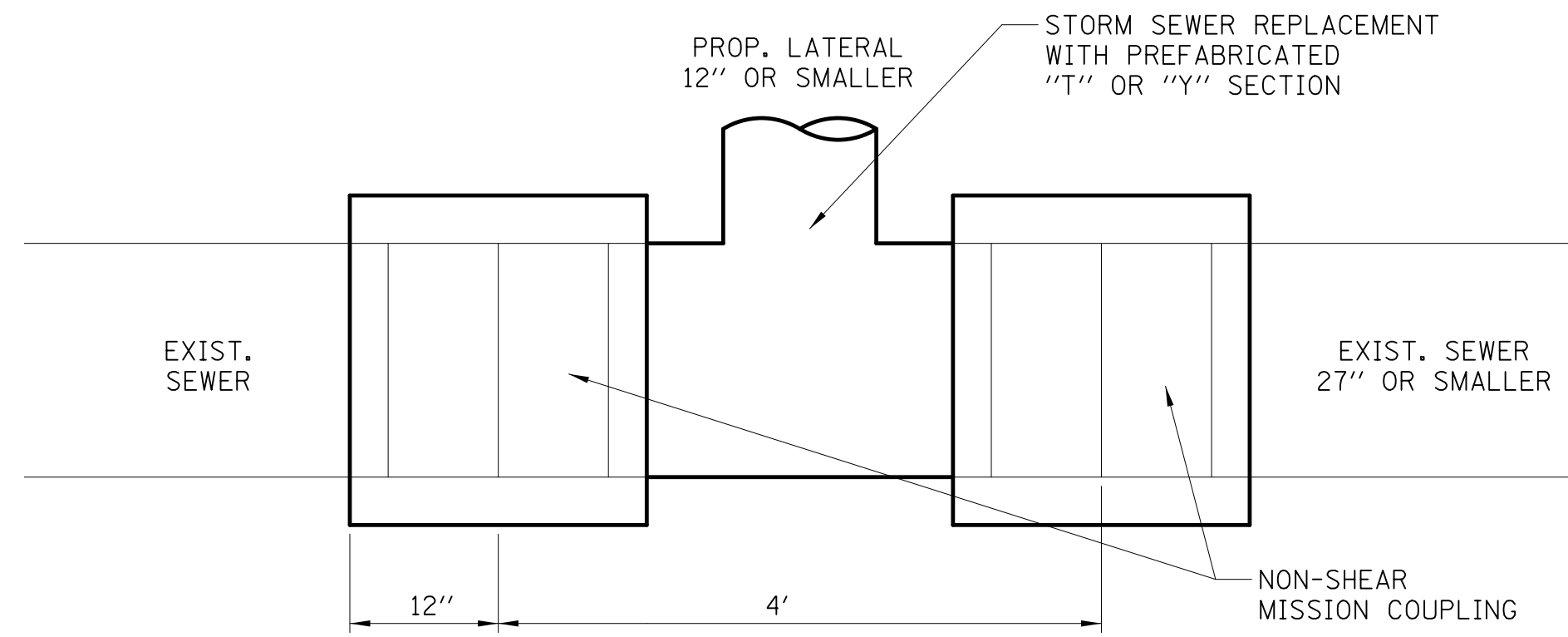
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NOTE BOOK	
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STRUCTURE NOTATIONS	
CHKD	



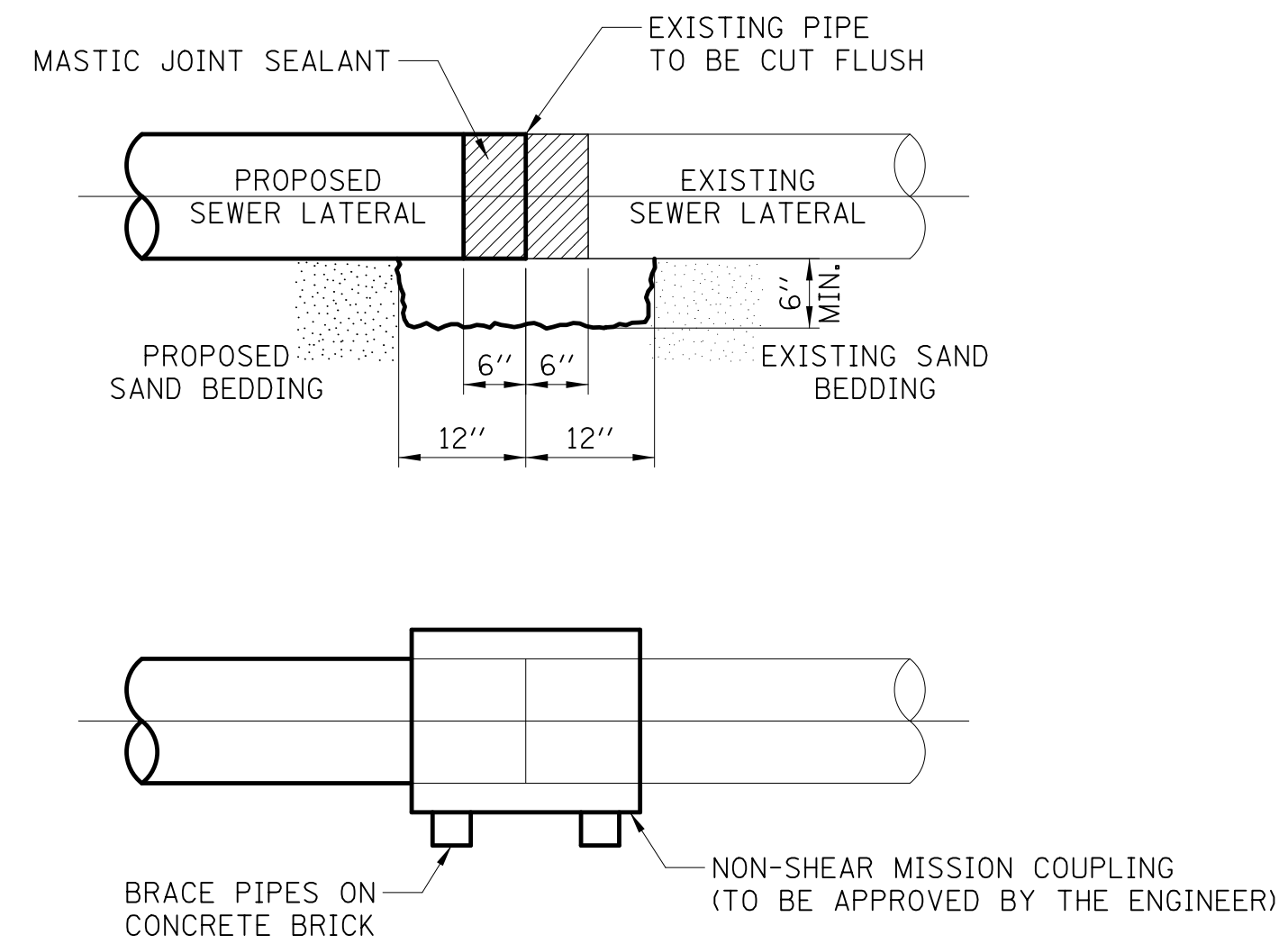
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STRUCTURE	
NOTATIONS	
CHKD	
NOTE BOOK	
NO.	



**DETAIL A**  
LATERAL CONNECTION TO EXISTING  
SEWER OF 27" OR SMALLER



**DETAIL B**  
NON-SHEAR MISSION COUPLING  
NOT TO SCALE

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. INSTALL MISSION COUPLING.
5. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
6. SUPPORT EACH PIPE END WITH CONCRETE BRICK.

**NOTES**

**MATERIAL**

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

**CONSTRUCTION METHODS**

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTIONS TO EXISTING SEWER OF 27" OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" OR LARGER SEE DETAIL "C".

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

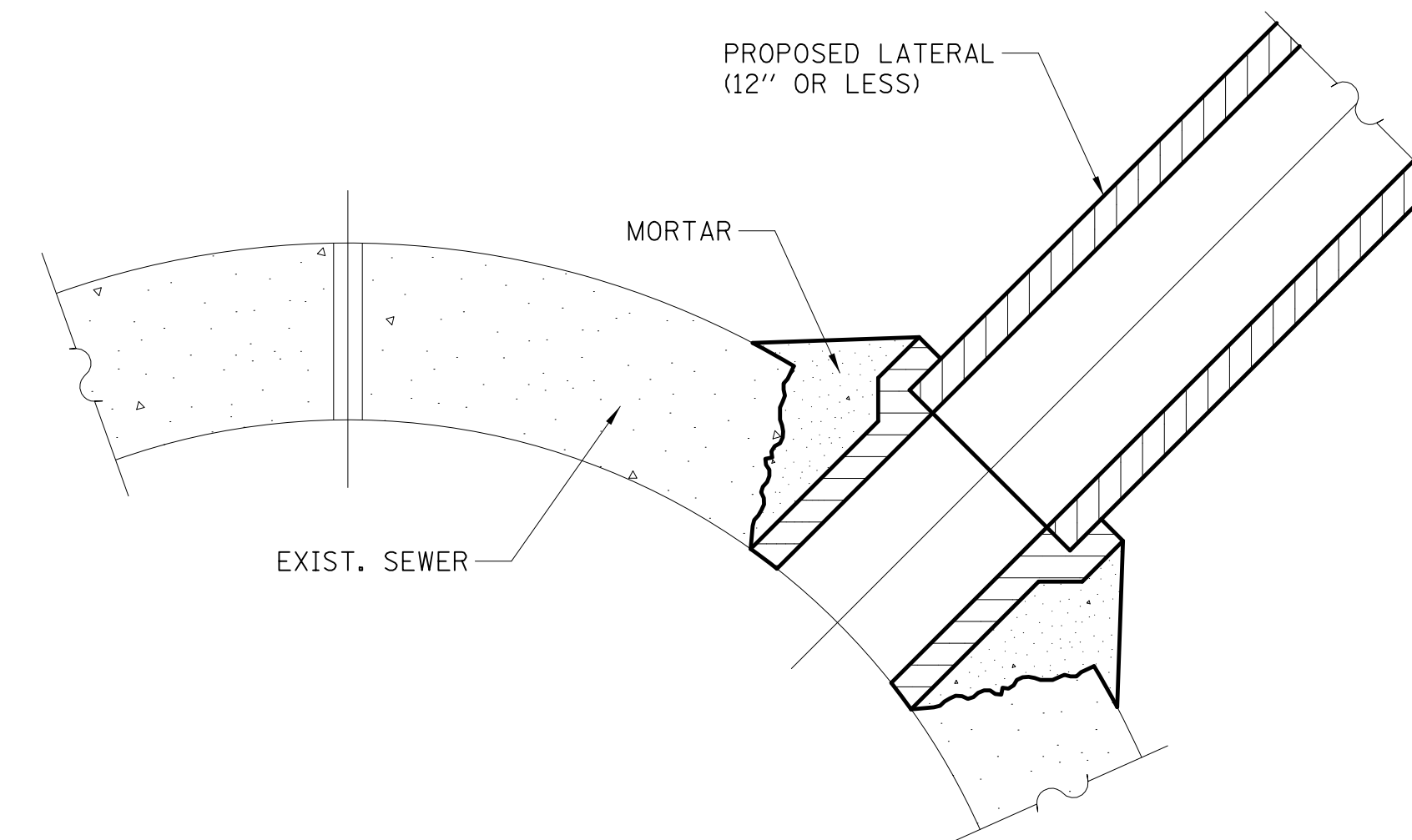
**GENERAL**

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

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

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE STORM SEWER BEING CONSTRUCTED.

THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS BEING CONSTRUCTED.



**DETAIL C**  
PROPOSED LATERAL CONNECTION TO  
EXISTING SEWER OF 30" OR LARGER

**DETAIL OF STORM SEWER  
CONNECTION TO EXISTING SEWER**



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

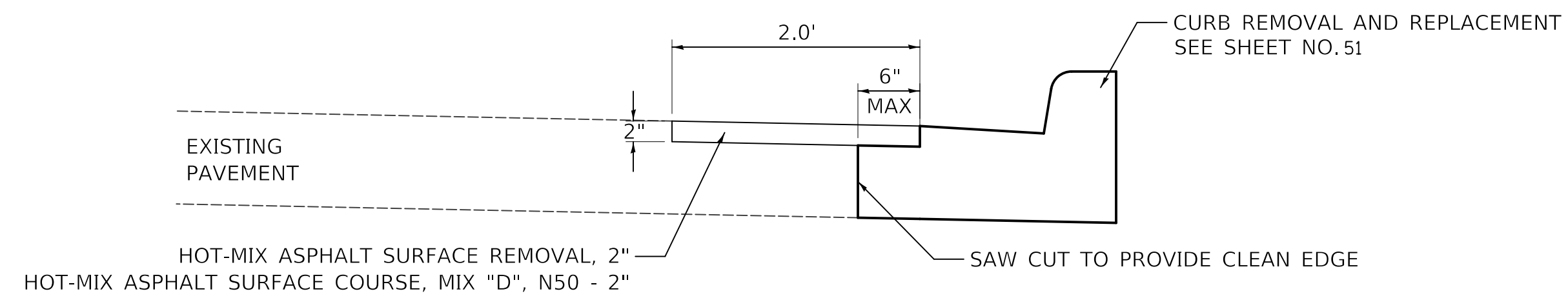
**CONSTRUCTION DETAILS**

SHEET NO. 9 OF 10 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	49
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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

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



CURB REMOVAL AND REPLACEMENT



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
www.civiltechinc.com

DESIGNED - JRR	REVISED -
DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

SHEET NO. 10 OF 10 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	50
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			<b>CONTRACT NO. 61E96</b>	

DATE	
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NOTE BOOK NO.	
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PLOTTED	
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DATE	
NOTE BOOK NO.	
STRUCTURE NOTATIONS CHKD	

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

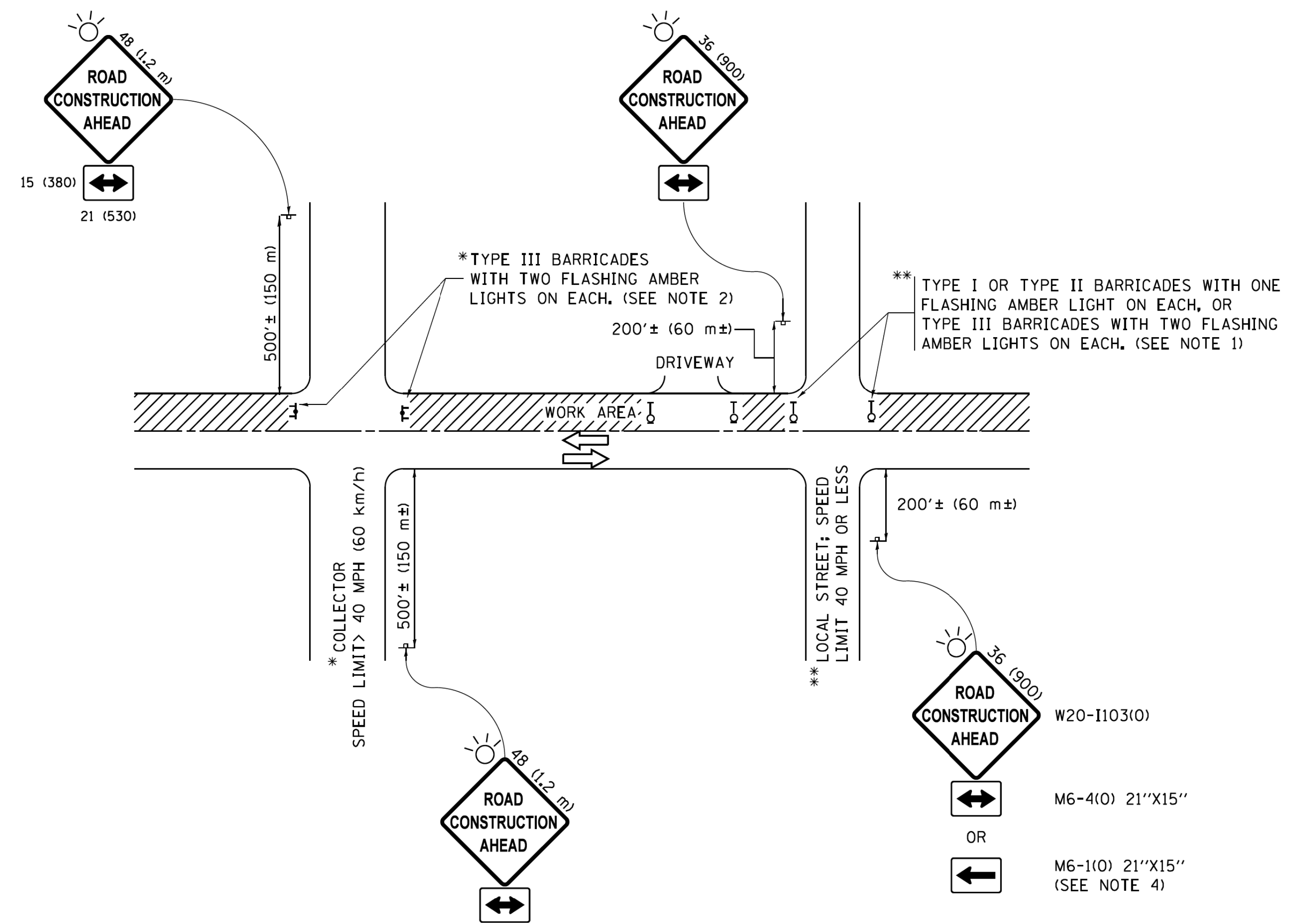
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drvakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\drvakosgn\d0108315\bc24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	2667			16-00095-00-BT	DUPAGE	63	51	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	<b>BD600-06 (BD-24)</b>			<b>CONTRACT NO. 61E96</b>				
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	DATE	



**NOTES:**

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pw:\LL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CADData\CADsheets\ct10.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

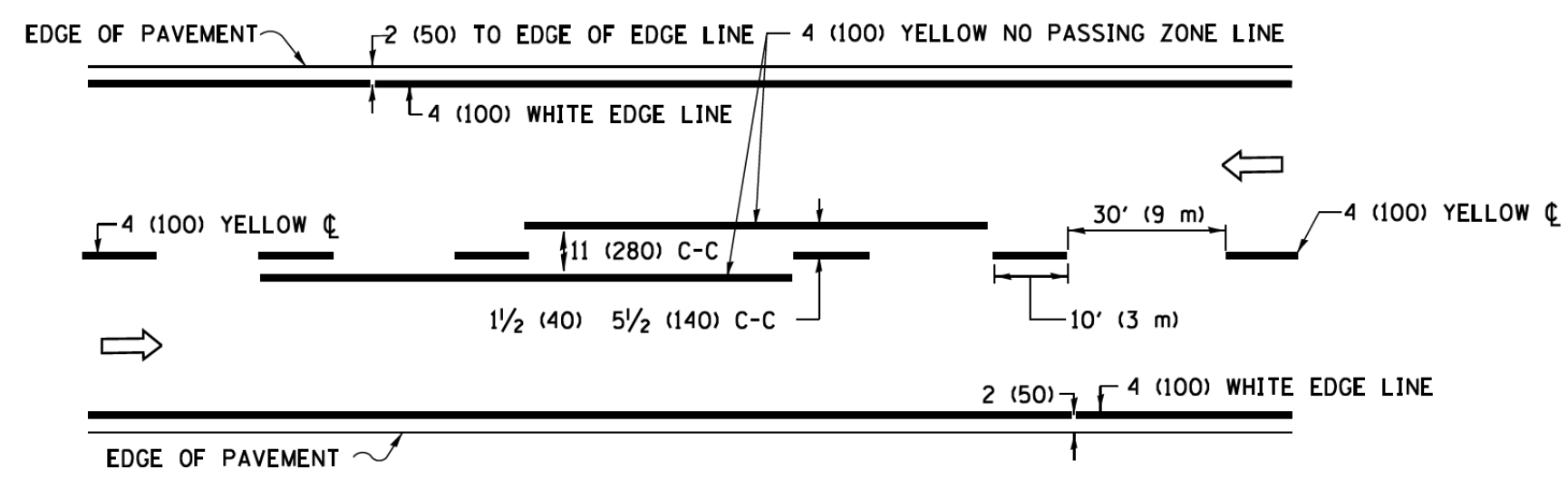
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

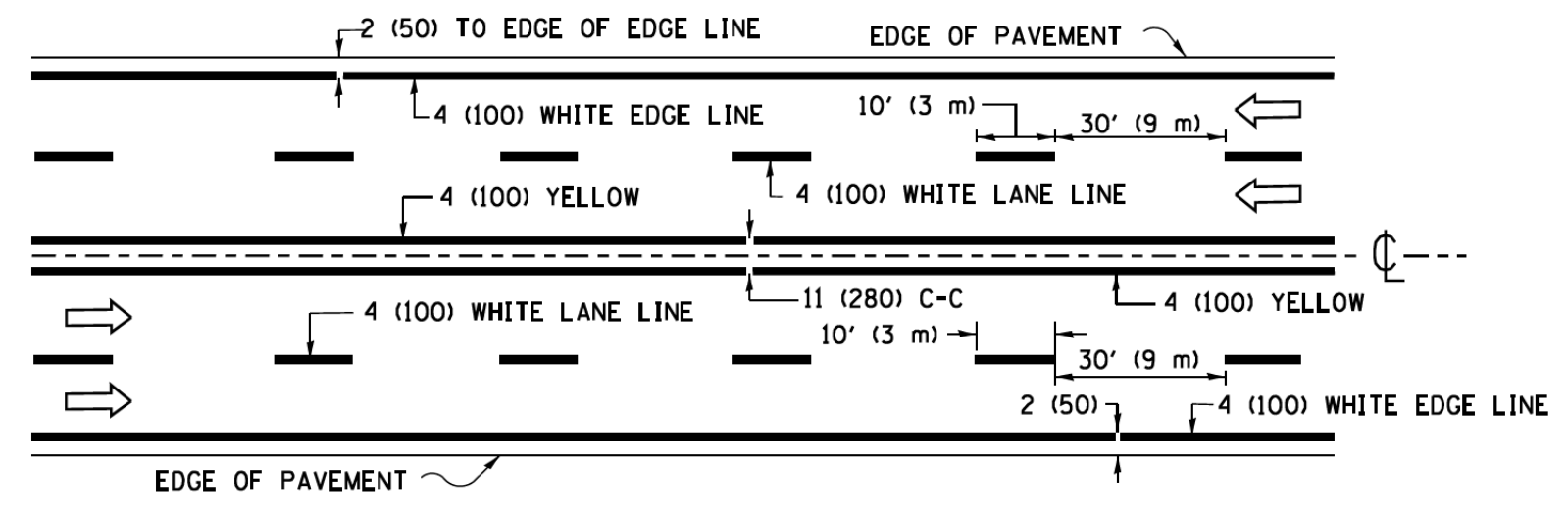
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	52
<b>TC-10</b>			<b>CONTRACT NO. 61E96</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. OF WAY CHECKED: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 PLOT FILE NAME: \_\_\_\_\_

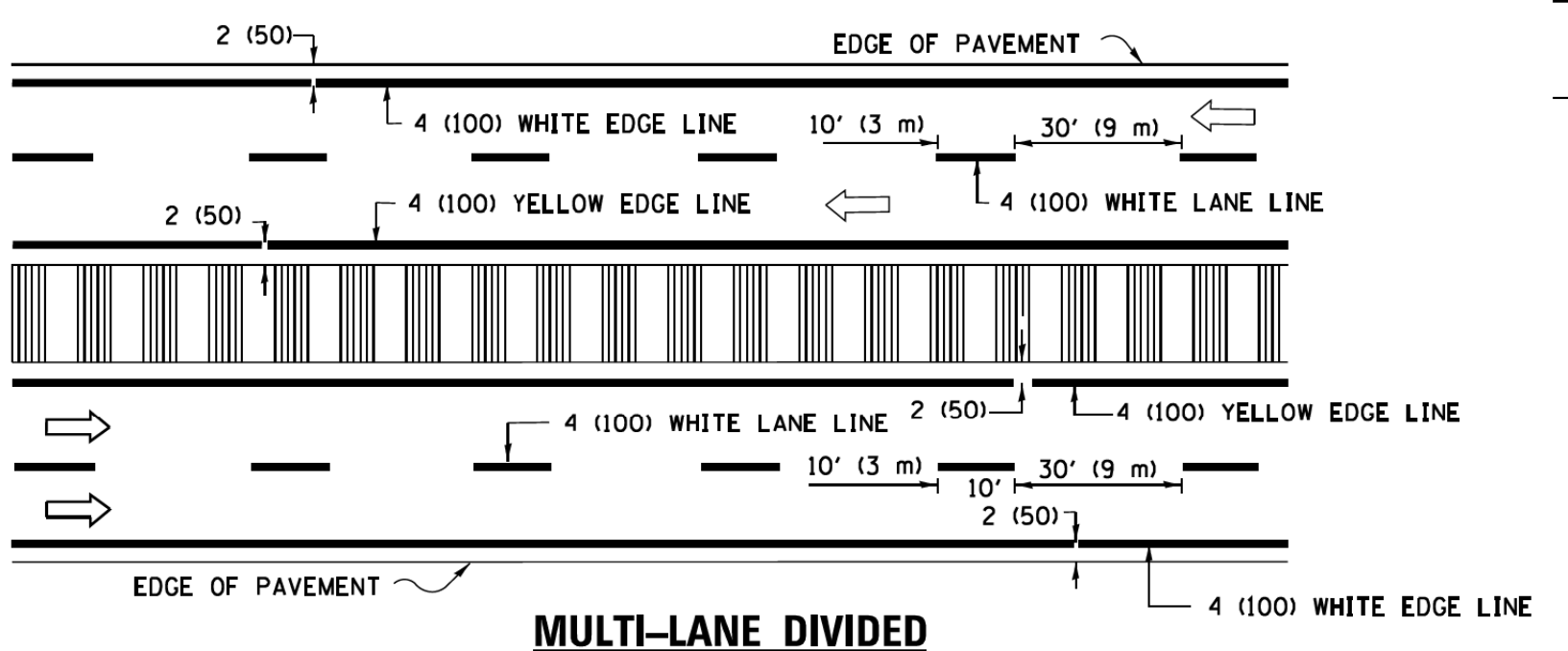
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 CHECKED: \_\_\_\_\_  
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 NOTE BOOK NO.: \_\_\_\_\_  
 PLOT FILE NAME: \_\_\_\_\_



**2-LANE ROADWAY**

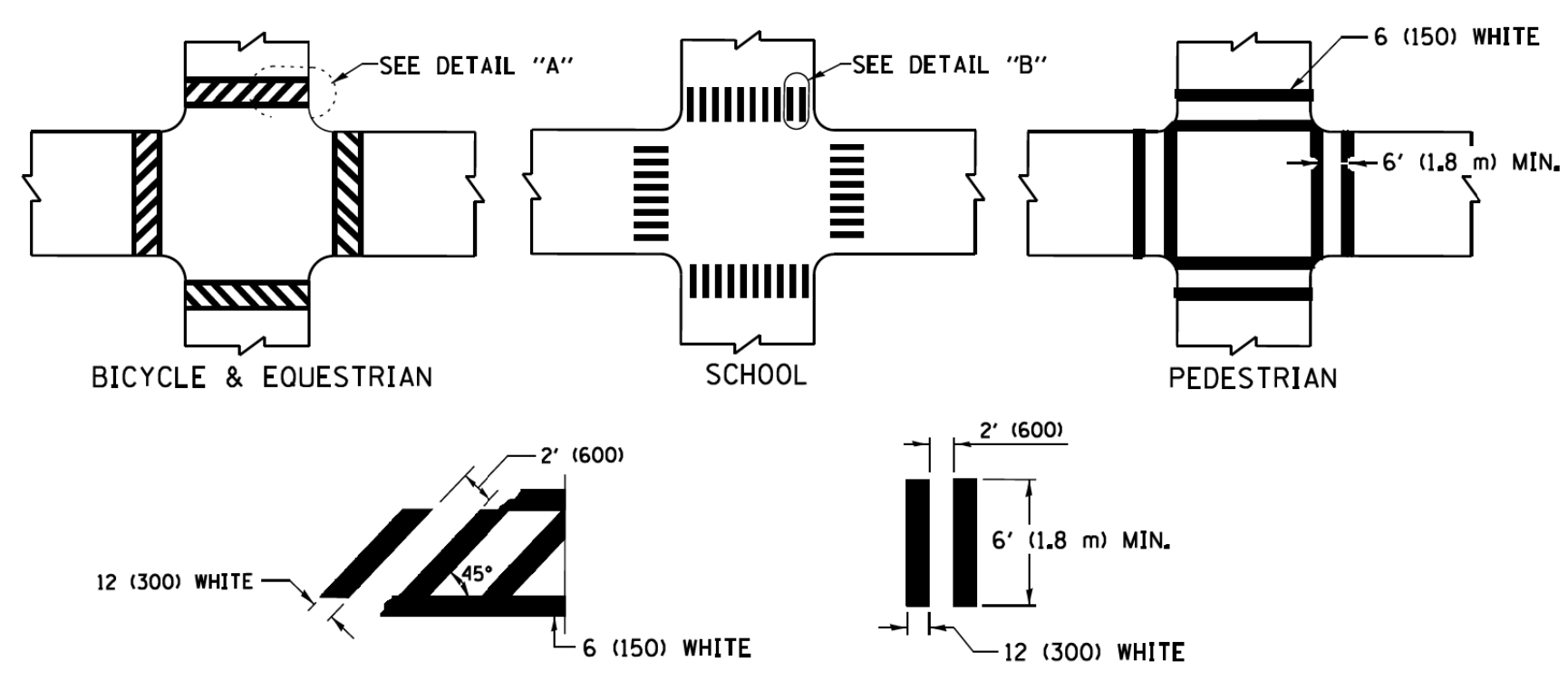


**MULTI-LANE UNDIVIDED**



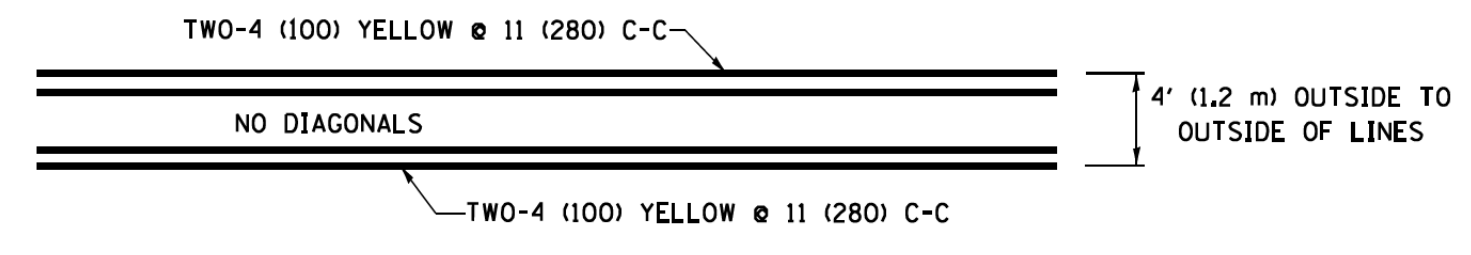
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

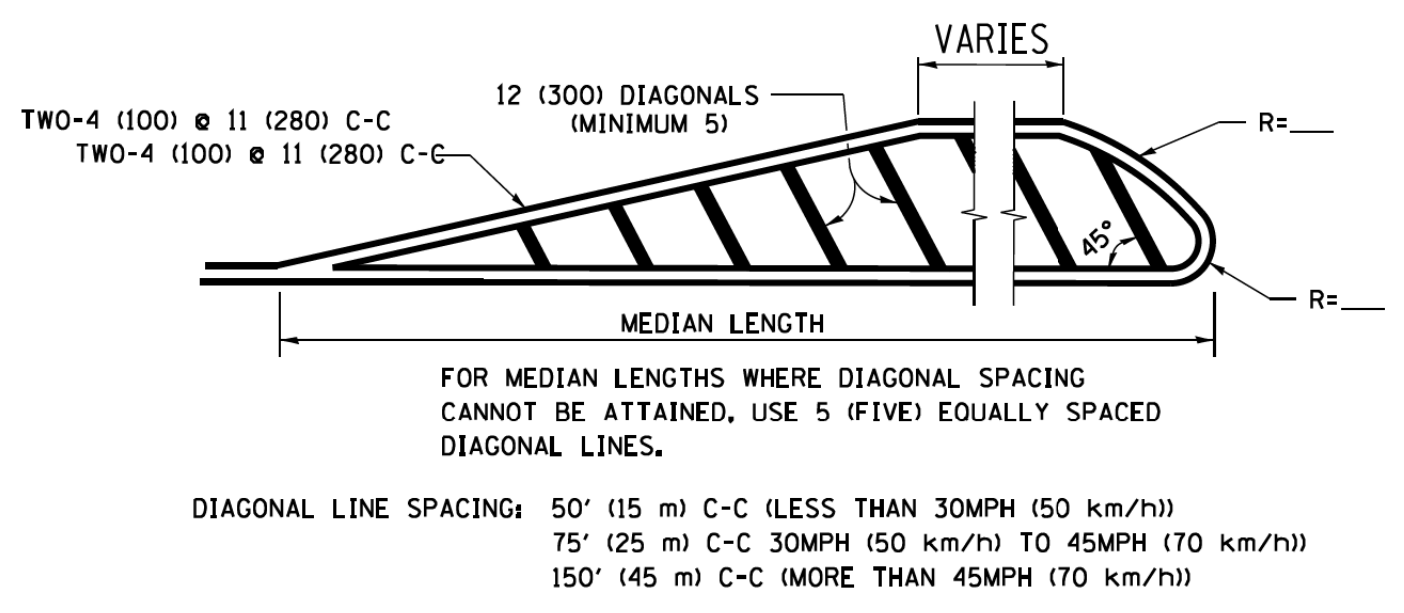


**TYPICAL CROSSWALK MARKING**

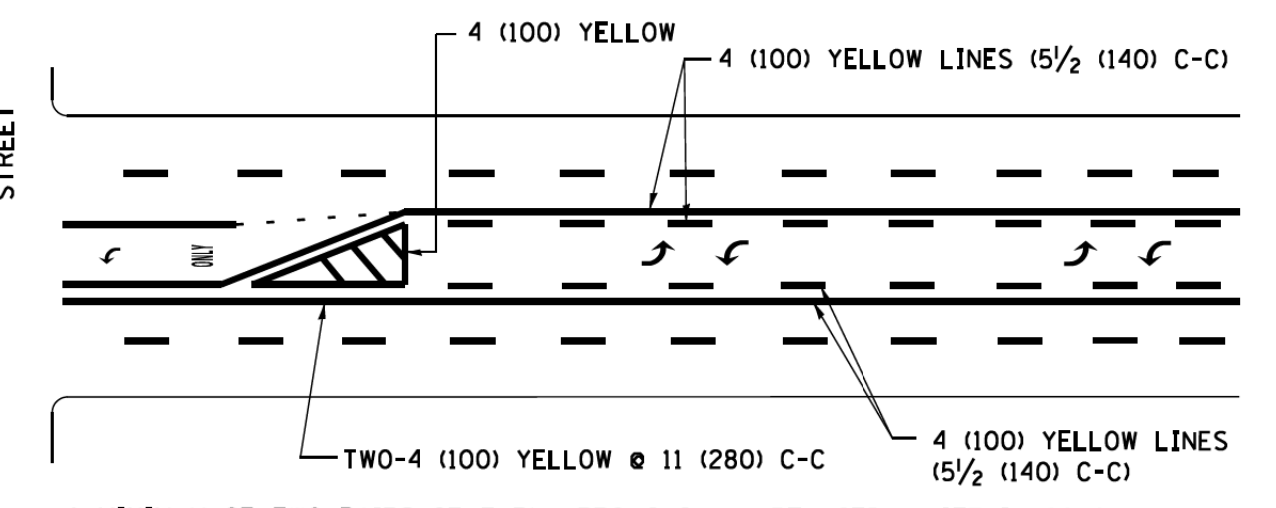
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



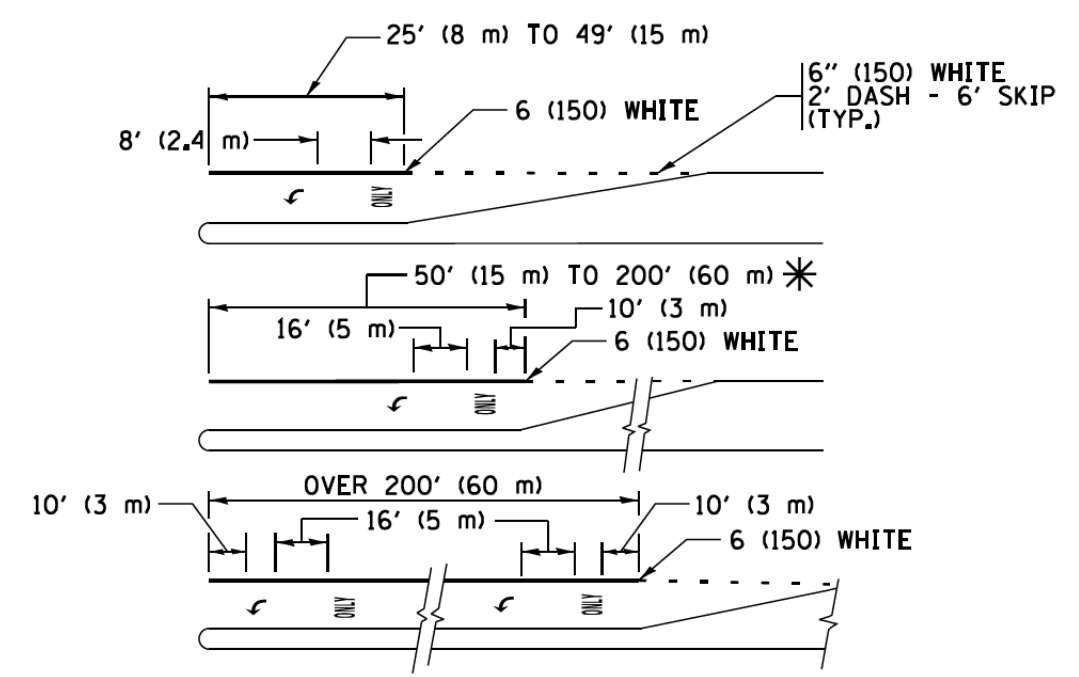
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**

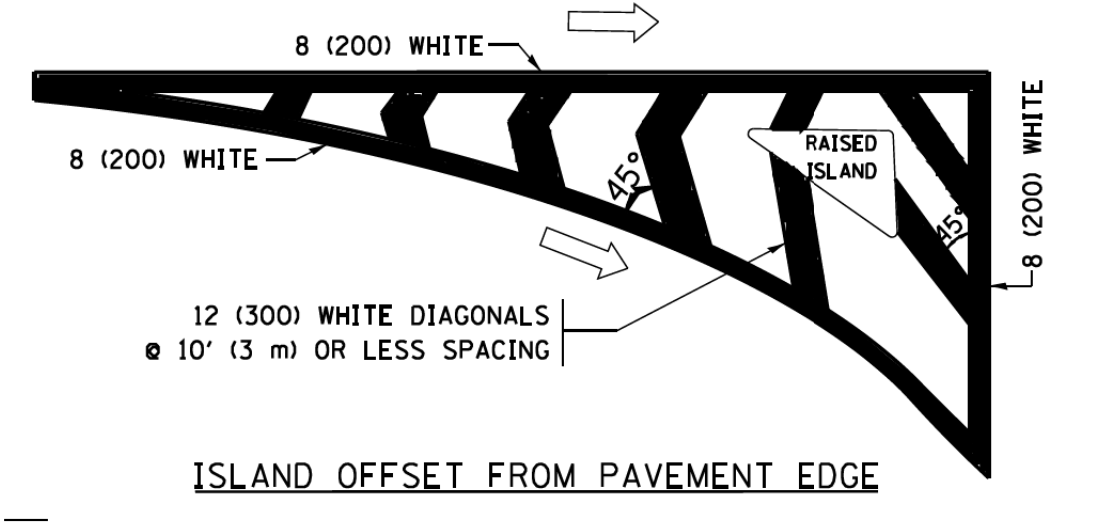


**TYPICAL PAINTED MEDIAN MARKING**

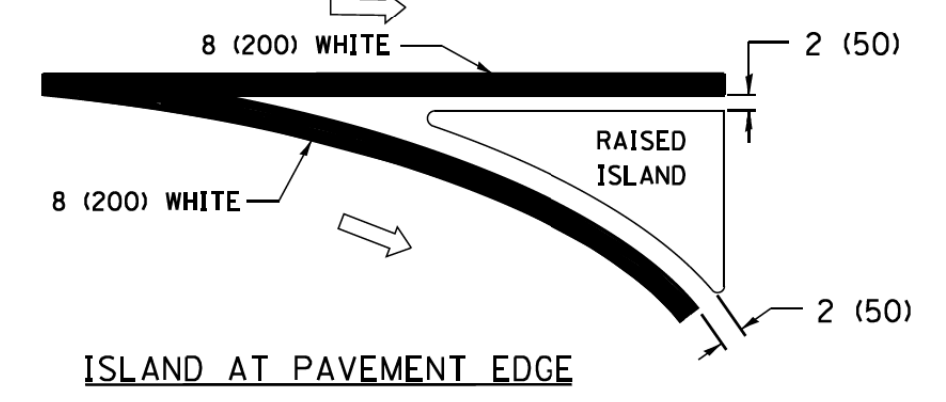


**TYPICAL LEFT (OR RIGHT) TURN LANE MARKING**

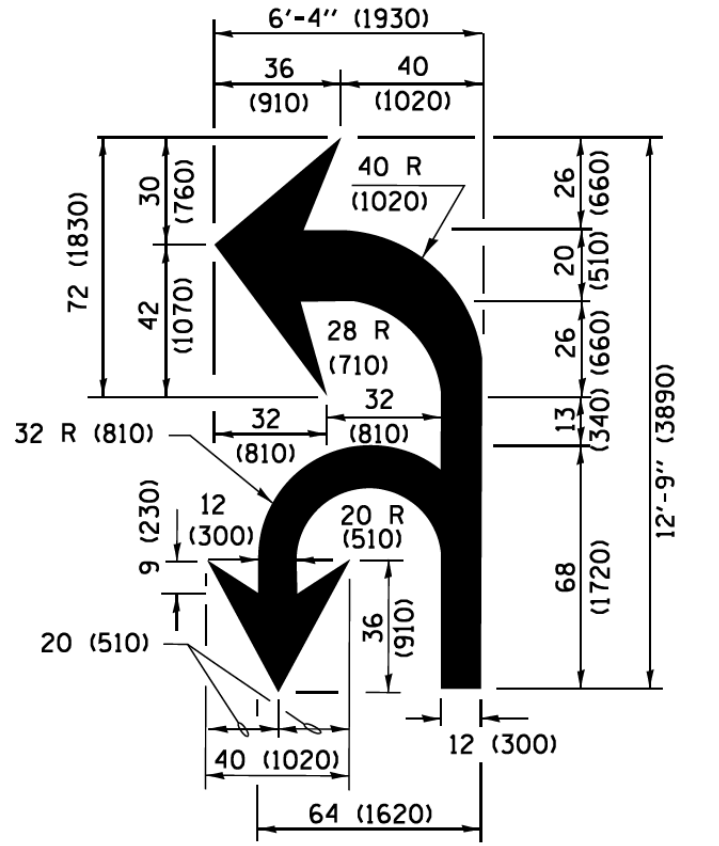
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



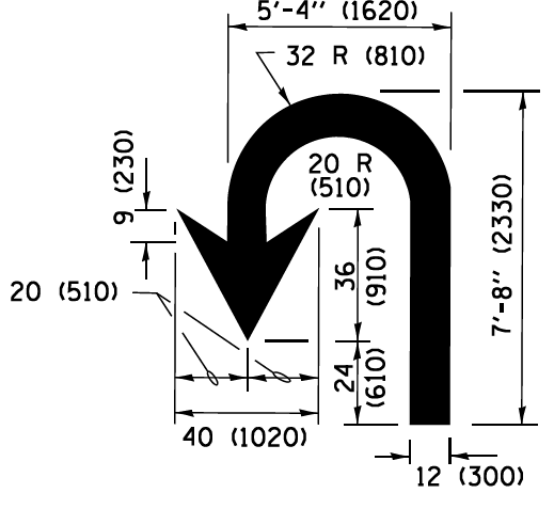
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE**  
**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

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

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

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

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

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

FILE NAME = W:\diststd\22x34\1013.dgn	USER NAME = leysa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
Default	PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
 TYPICAL PAVEMENT MARKINGS**




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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	53
<b>TC-13</b>		<b>CONTRACT NO. 61E96</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				






PLAN	SURVEYED	DATE
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	CHECKED	
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	NO. OF WAY CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATIONS	
	CHKD	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATIONS	
	CHKD	






**ROUTE MARKERS**

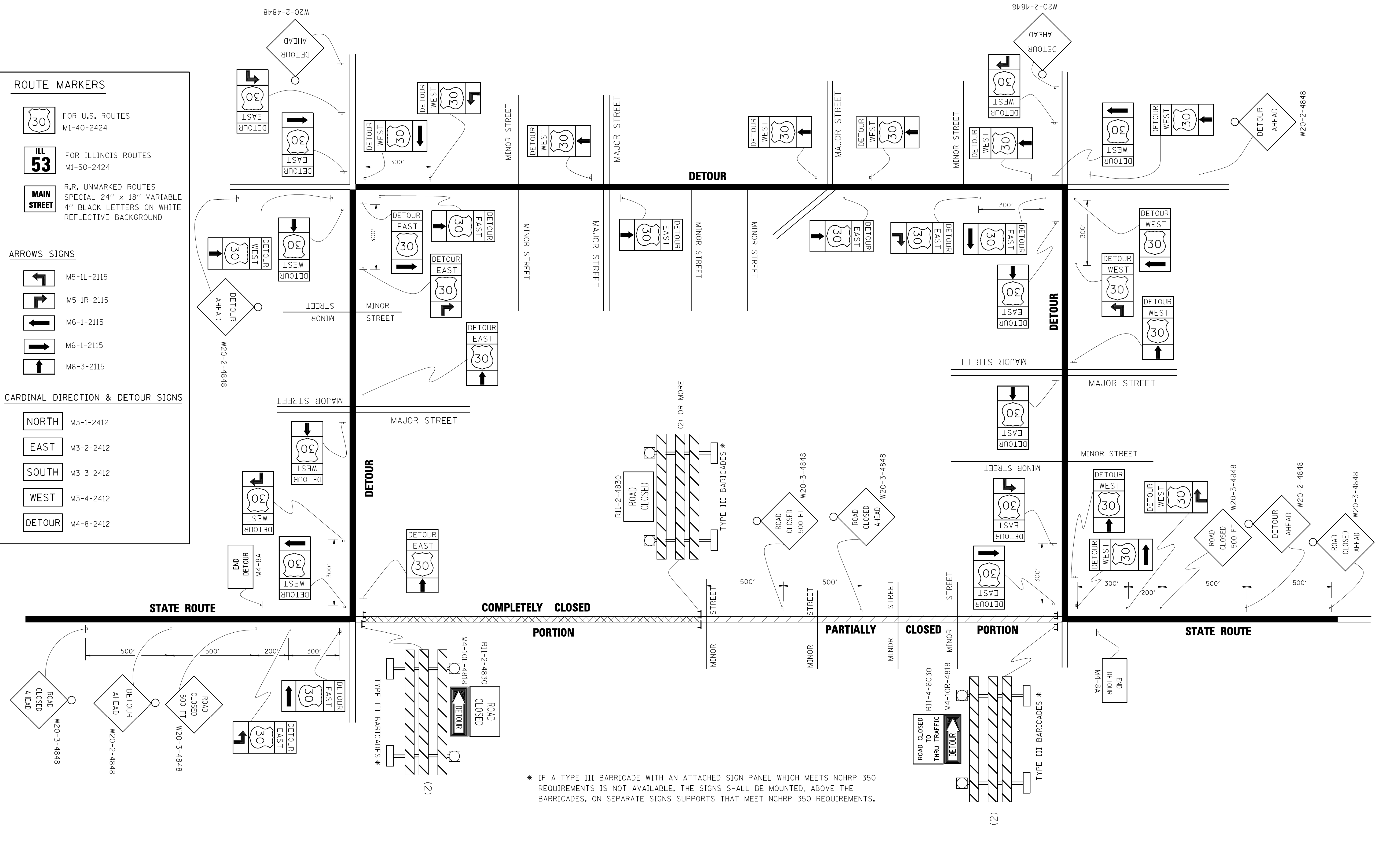
-  FOR U.S. ROUTES  
M1-40-2424
-  FOR ILLINOIS ROUTES  
M1-50-2424
-  R,R, UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**ARROWS SIGNS**

-  M5-1L-2115
-  M5-1R-2115
-  M6-1-2115
-  M6-2-2115
-  M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

-  NORTH M3-1-2412
-  EAST M3-2-2412
-  SOUTH M3-3-2412
-  WEST M3-4-2412
-  DETOUR M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - 10-18-02
c:\pwwork\pwwid001\DRIVAKOSGN\d0108315\1421.dgn		DRAWN -	REVISED - R. BORO 09-14-09
		PLOT SCALE = 49.9999' / IN.	REVISOR -
		CHECKED -	REVISOR -
		DATE -	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

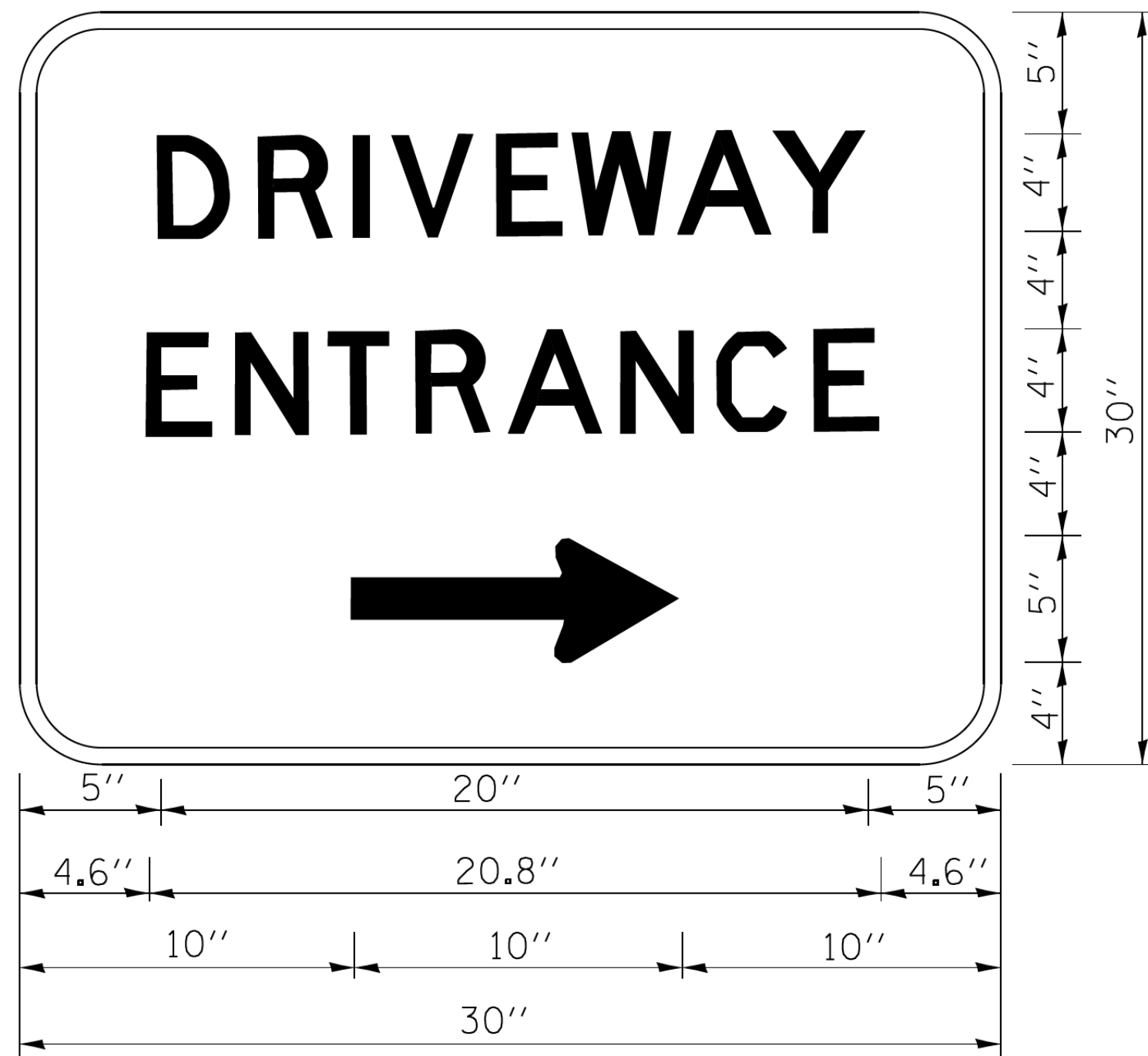
<b>DETOUR SIGNING FOR CLOSING STATE HIGHWAYS</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	54
<b>TC-21</b>		<b>CONTRACT NO. 61E96</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	BY		
	NOTED		
	DATE		
	FILE NAME		



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	BY		
	NOTED		
	DATE		
	FILE NAME		

FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

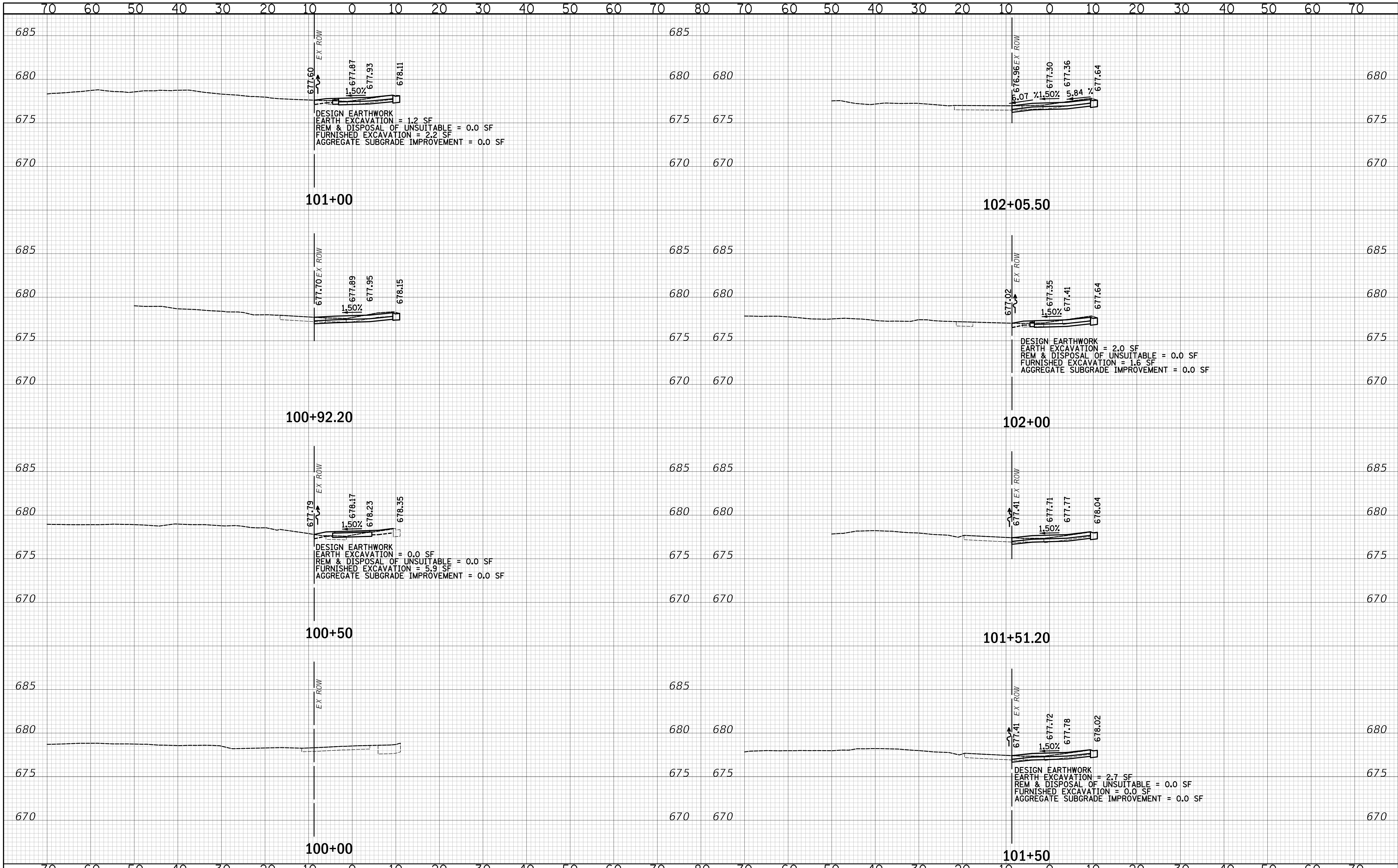
**DRIVEWAY ENTRANCE SIGNING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	55
<b>TC-26</b>			<b>CONTRACT NO. 61E96</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

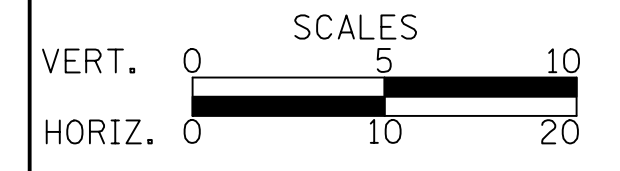
DATE	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DRAWN - TFS	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/21/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



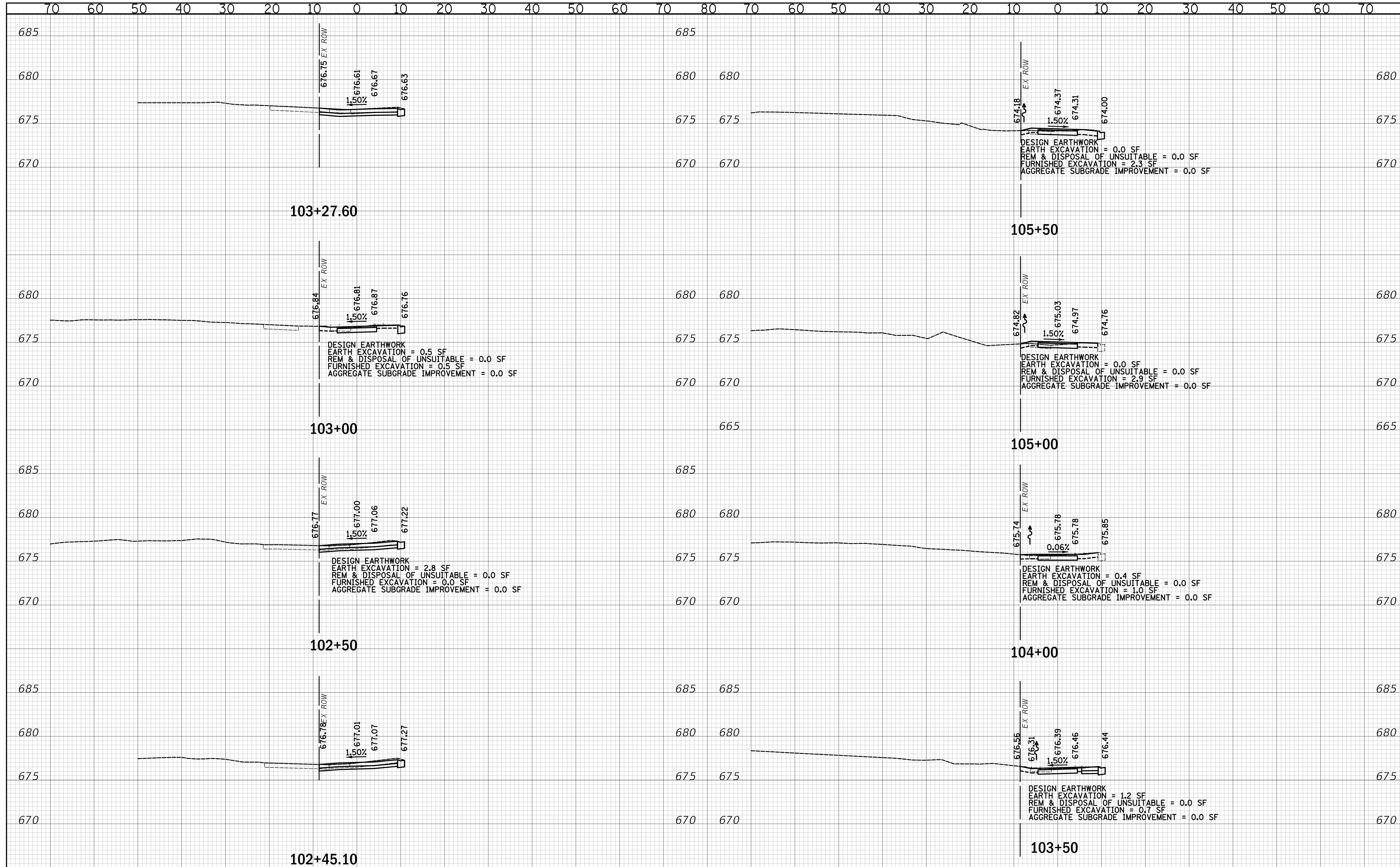
**CROSS SECTIONS**

SHEET NO. 1 OF 7 SHEETS STA. 100+00 TO STA. 102+05.50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	57
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

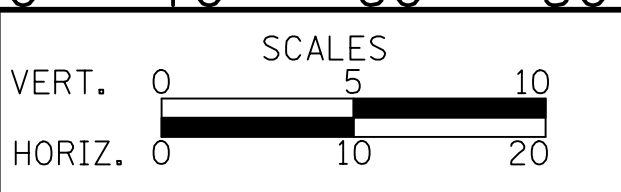
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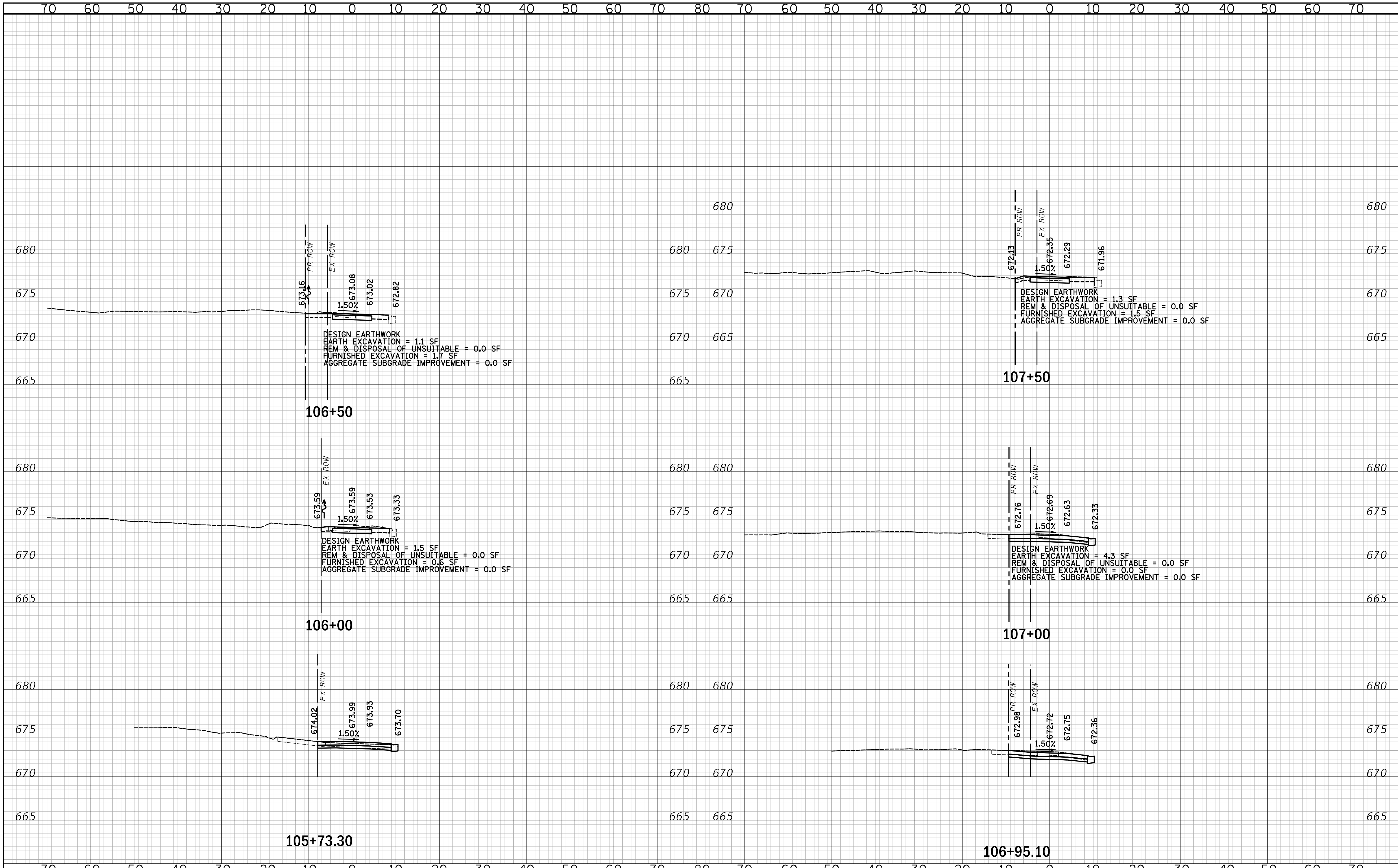
**CROSS SECTIONS**

SHEET NO. 2 OF 7 SHEETS STA. 102+45.10 TO STA. 105+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT		63	58
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

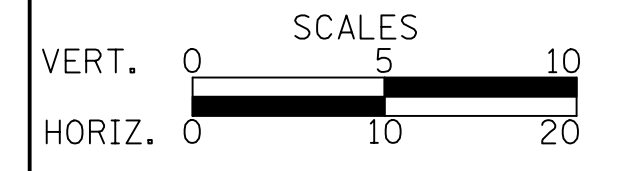
ORIGINAL SURVEY	SURVEYED	DATE
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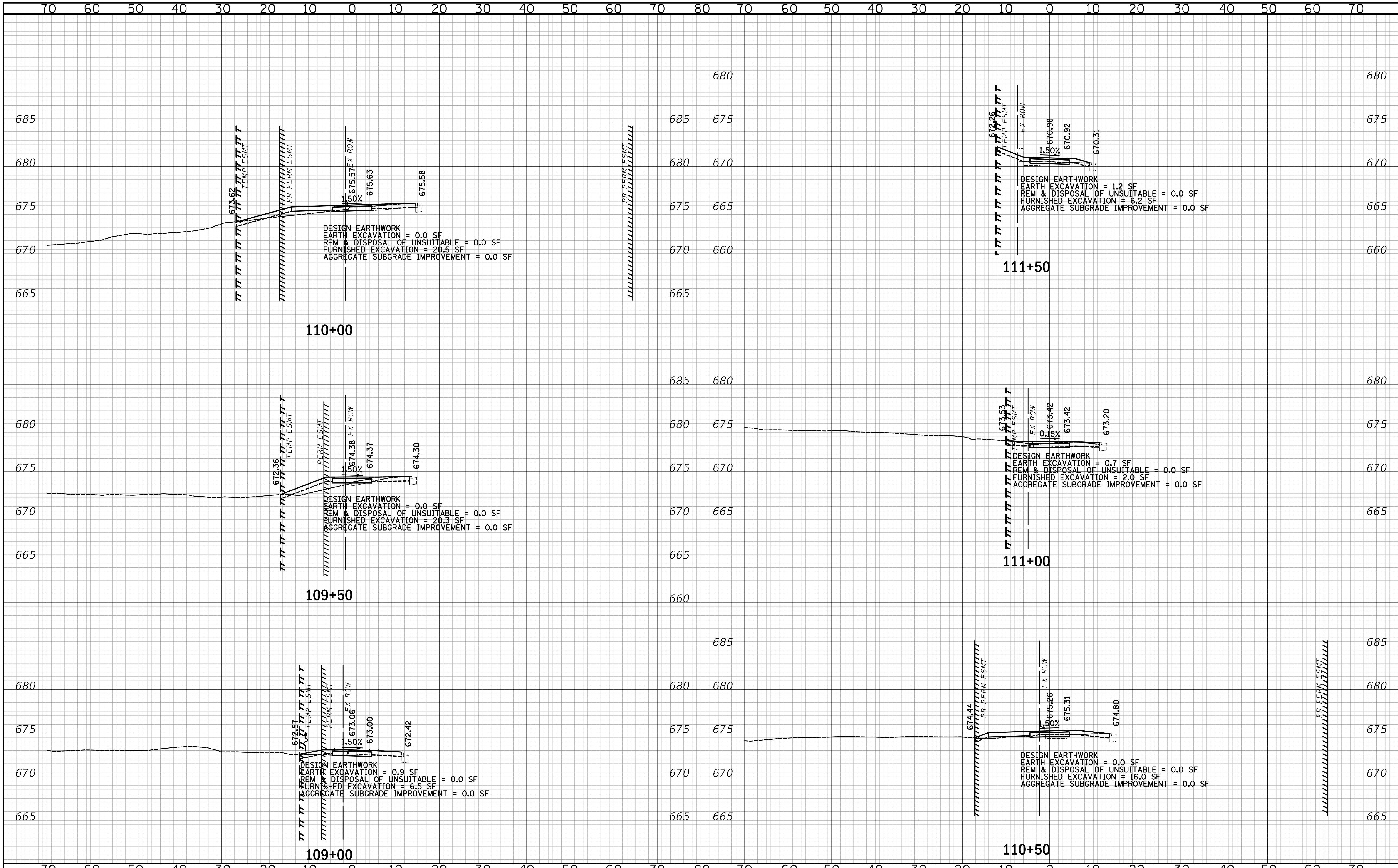
CROSS SECTIONS

SHEET NO. 3 OF 7 SHEETS STA. 105+73.30 TO STA. 107+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT		63	59
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

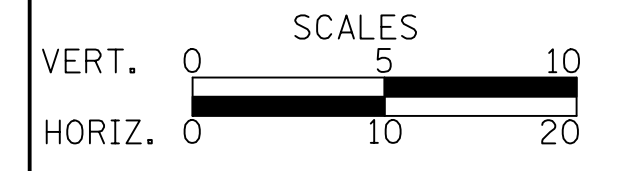
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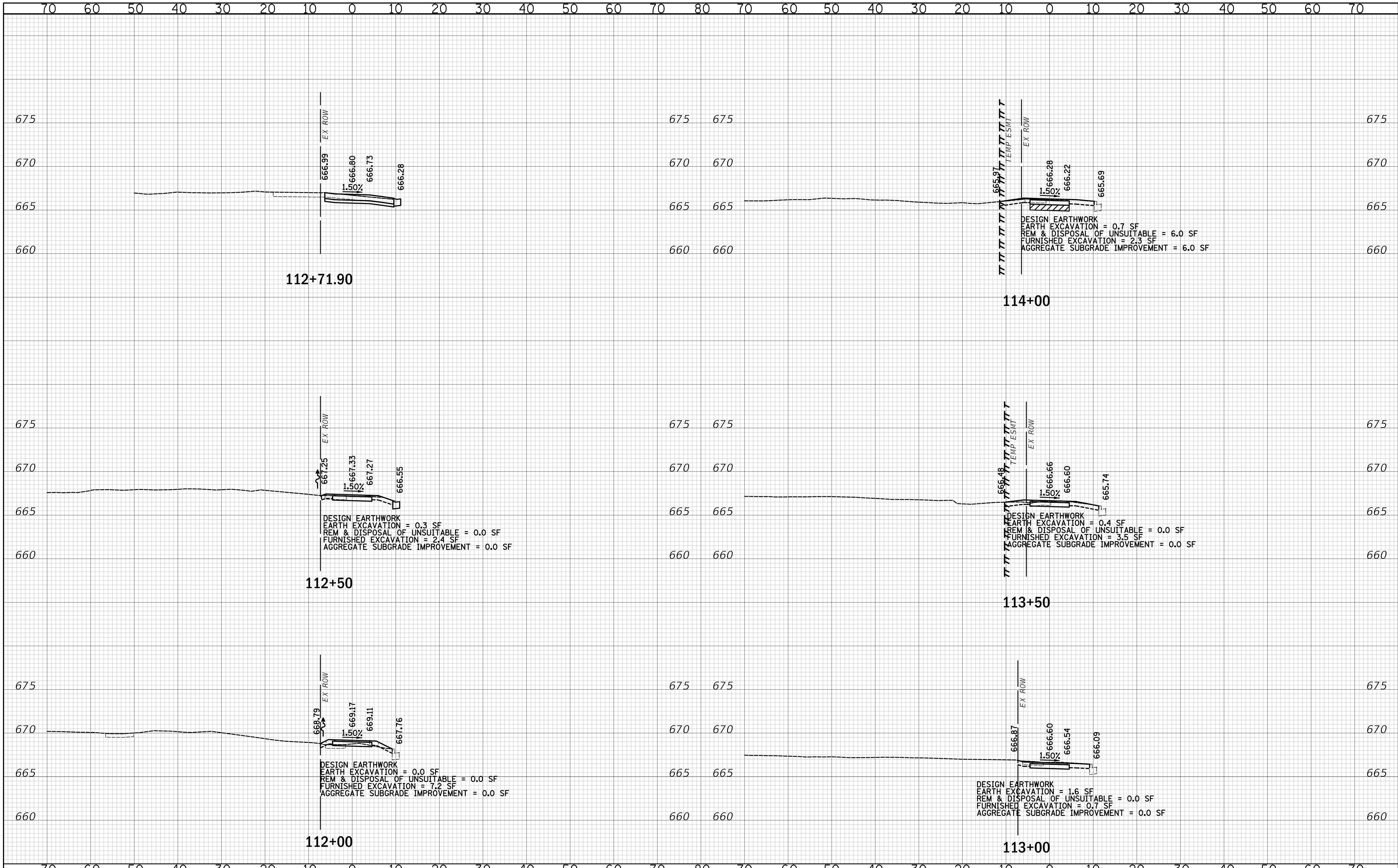
**CROSS SECTIONS**

SHEET NO. 4 OF 7 SHEETS STA. 109+00 TO STA. 111+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	60
CONTRACT NO. 61E96				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
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TEMPLATE	
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FINAL SURVEY	
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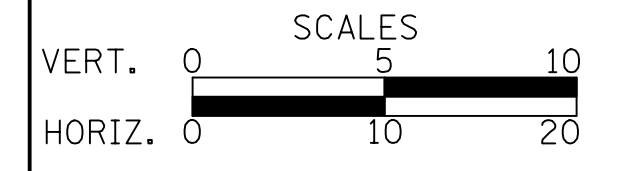
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ORIGINAL SURVEY	
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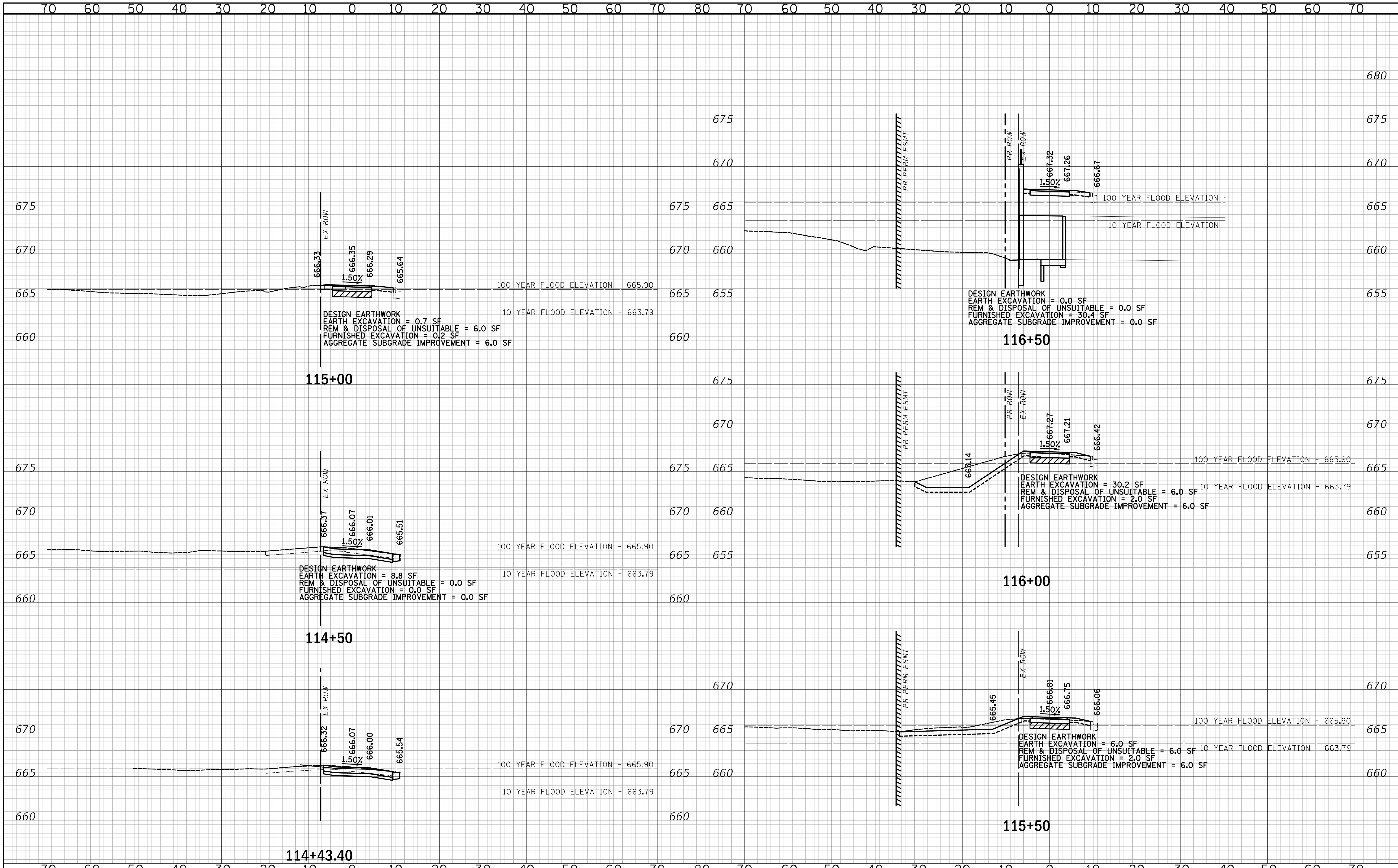
**CROSS SECTIONS**

SHEET NO. 5 OF 7 SHEETS STA. 112+00 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT		63	61
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
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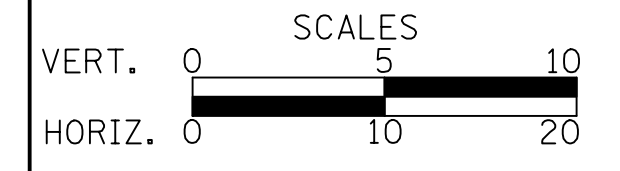
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ORIGINAL SURVEY	
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NOTE BOOK	
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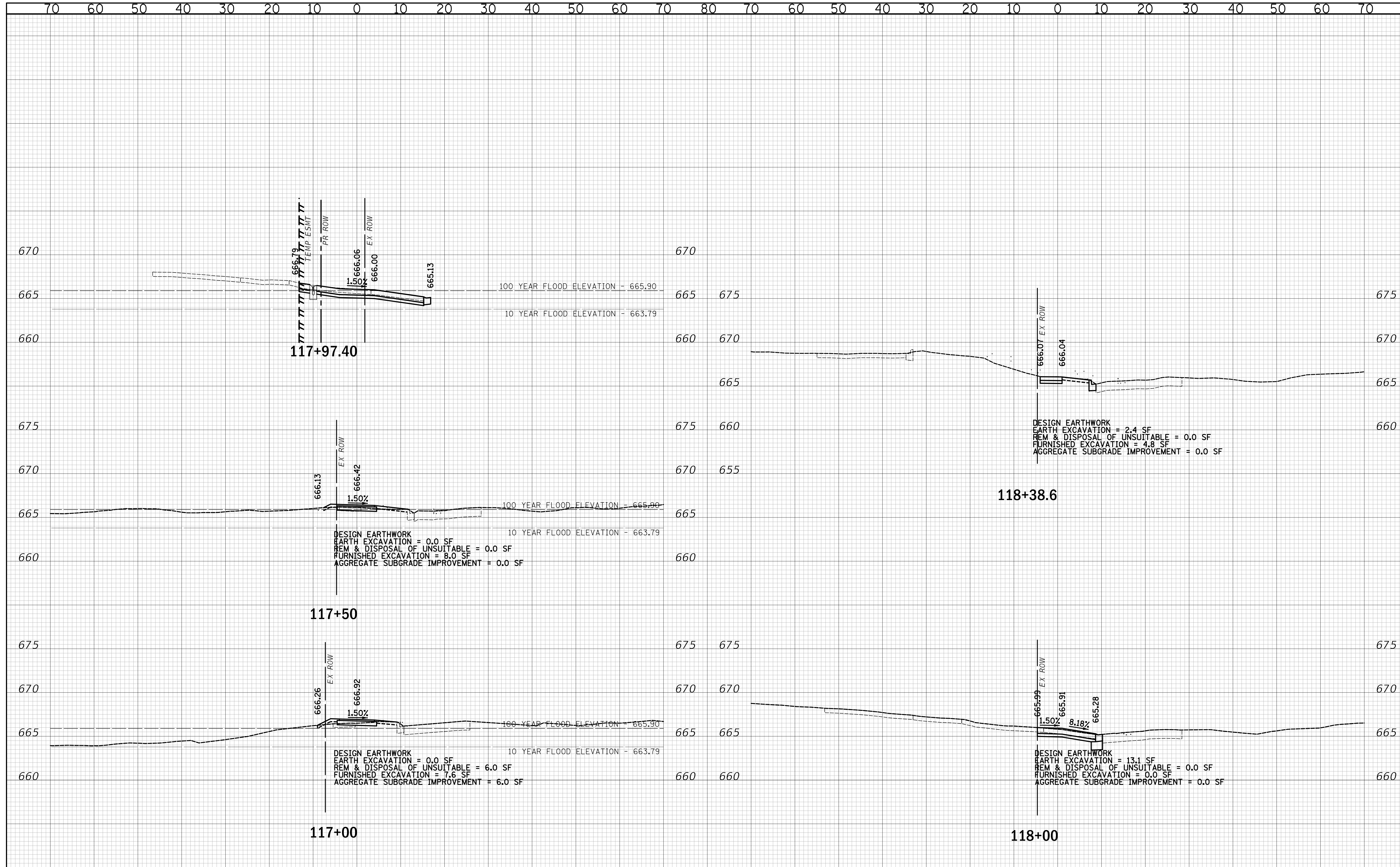
**CROSS SECTIONS**

SHEET NO. 6 OF 7 SHEETS STA. 114+43.40 TO STA. 116+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT		63	62
				<b>CONTRACT NO. 61E96</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

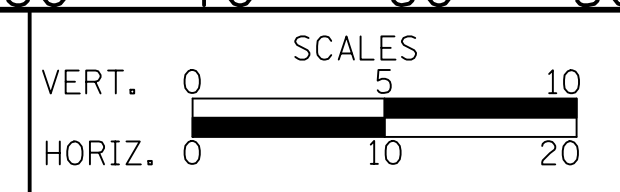
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**CROSS SECTIONS**

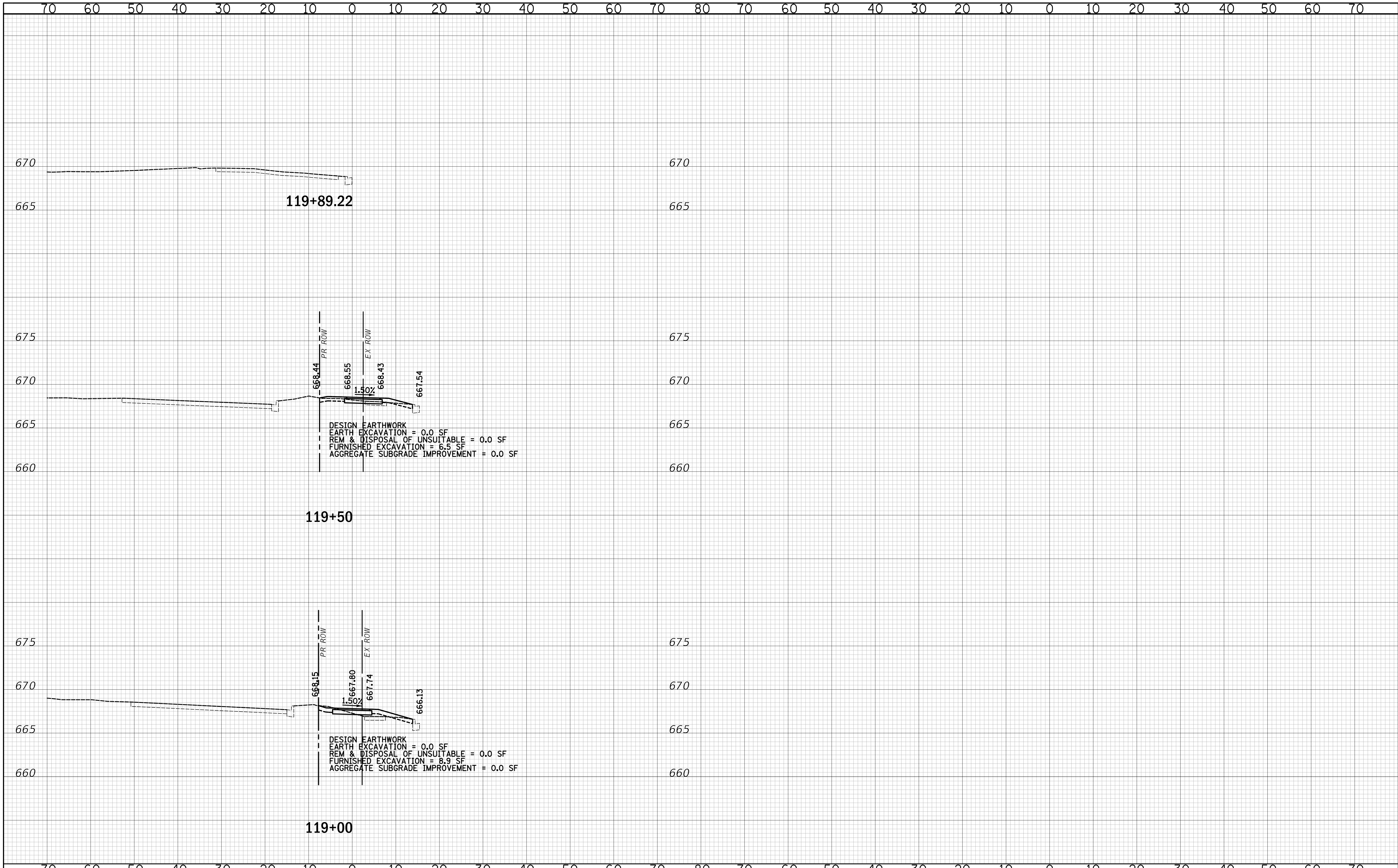
SHEET NO. 7 OF 7 SHEETS STA. 117+00 TO STA. 118+38.6

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT		63	63
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
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SURVEYED	
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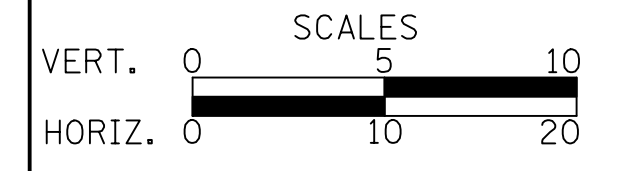
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**CROSS SECTIONS**

SHEET NO. 8 OF 8 SHEETS STA. 119+00 TO STA. 119+89.22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	16-00095-00-BT	DUPAGE	63	63A
				CONTRACT NO. 61E96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				