

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	1
ILLINOIS CONTRACT NO. 60484				

D-91-404-97

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN UNINCORPORATED COOK COUNTY

ASHLAND AVENUE

POSTED SPEED LIMIT = 40 MPH

DESIGN SPEED LIMIT = 45 MPH

FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

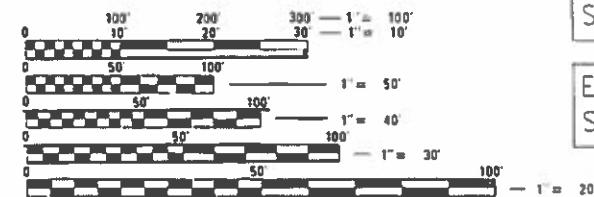
2014 ADT = 15,700 (S.U.=4.0% & M.U.=1.5%)

2020 ADT = 22,500

135TH (JACKSON STREET)

BRIDGE CLOSED TO TRAFFIC

**PROPOSED
HIGHWAY PLANS**
FAU ROUTE 2857 (ASHLAND AVE)
AT ABANDONED 135TH ST (JACKSON ST) BRIDGE
SECTION 146B-BR
PROJECT STP BIX2(356)
BRIDGE REMOVAL / DEMOLITION
SIDEWALK IMPROVEMENTS
COOK COUNTY
C-91-404-97



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

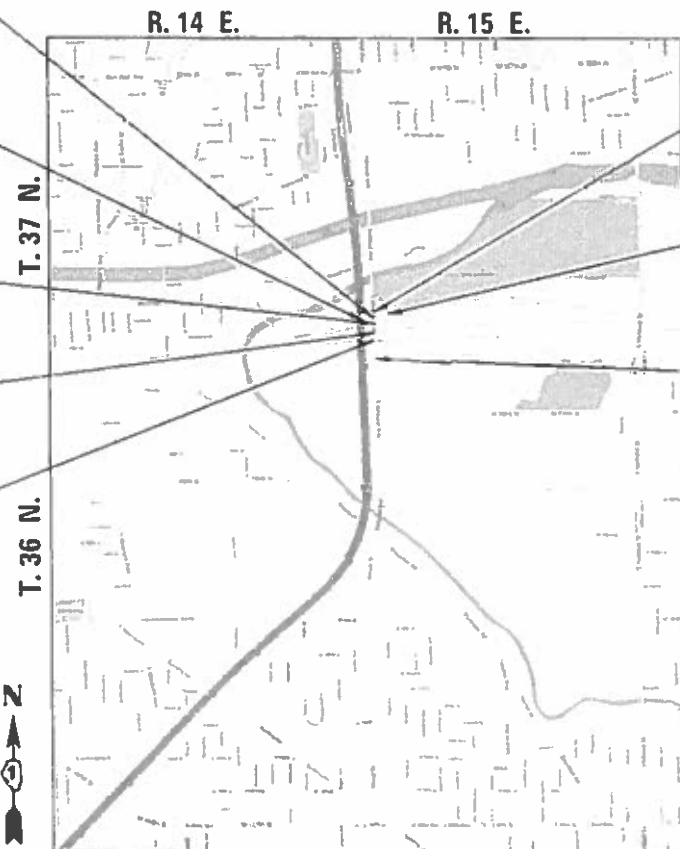
EXISTING S.N. 016-1004
STA. 97+99.02

135TH ST. (JACKSON ST.)
IMPROVEMENTS BEGIN
STA. 46+85.00

EXISTING S.N. 016-0296
STA. 97+07.06

EXISTING S.N. 016-0297
STA. 94+89.41

EXISTING S.N. 016-0298
STA. 93+69.34



ASHLAND AVE.
IMPROVEMENT ENDS
STA. 101+00.00

135TH ST. (JACKSON ST.)
IMPROVEMENT ENDS
STA. 52+82.10

ASHLAND AVE.
IMPROVEMENT BEGIN
STA. 88+87.12



10-09-18

DAVID LANDEWEER
LICENSED PROFESSIONAL ENGINEER
ILLINOIS NO. 062-042363 EXPIRES 11-30-19



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 10-10-2018

David Landeweer
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

David Landeweer
ENGINEER OF DESIGN AND ENVIRONMENT

David Landeweer
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT MANAGER: FAWAD AQUEEL, P.E. (847) 705-4247

CONTRACT NO. 60484

LOCATION MAP
CALUMET AND THORNTON TOWNSHIP
GROSS LENGTH = 1,213 FT. = 0.230 MILE
NET LENGTH = 1,213 FT. = 0.230 MILE

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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602401-05	MANHOLE TYPE A
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604091-03	FRAME AND GRATE, TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
637006-04	CONCRETE BARRIER, DOUBLE FACE, 42 in. HEIGHT
643001-02	SAND MODULE IMPACT ATTENUATORS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS (CON.)

725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SUPPORT
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF IDOT STANDARD SPECIFICATIONS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, PATRICE HARRIS, AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONTACT J.J.L.I.E. (1-800-892-0123) 48 HOURS PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- 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 WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL TAKE CARE TO PROTECT ALL SIGNS ALONG THE ROUTE OF CONSTRUCTION. SIGNS SHALL BE REMOVED IF THEY ARE IN CONFLICT WITH PROPOSED WORK, AND APPROVED BY ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY EXISTING DAMAGE TO A SIGN PRIOR TO REMOVAL. THE CONTRACTOR SHALL REPLACE ALL SIGNS AND POSTS DAMAGED DURING REMOVAL. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE RELOCATION OF SIGNS SHALL BE INCLUDED IN THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR ACCORDING TO ART. 107.25. UNLESS MARKED ON PLANS.
- THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR GUARDRAIL REMOVAL.
- ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT SHALL BE EPOXY COATED UNLESS NOTED ON THE PLANS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION-SUSTAINING SOIL COVERING THE TOP SIX INCHES IN AREAS TO BE SEEDED OR SODDED.
- THE CONTRACTOR SHALL BE REQUIRED AT ALL TIME TO SUPPORT AND MAINTAIN PEDESTRIAN ACCESS AND USE OF THE CSX GRATED WALKWAY AND STAIRS THAT EXTEND BENEATH THE SOUTH CSX RAILROAD STRUCTURE.
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO ENSURE THAT NO DEBRIS OR EQUIPMENT WILL ENDANGER OR INTERFERE WITH PEDESTRIAN TRAFFIC ON THE GRATED WALKWAY AND STAIRS THAT EXTEND BENEATH THE SOUTH CSX RAILROAD STRUCTURE ACCORDING TO ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPROPRIATE PAY ITEM INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 V:H.
- THE CONTRACTOR SHALL USE CAUTION WHEN PERFORMING WORK ABOVE OR NEAR THE OAK FOREST HOSPITAL 12" WATER MAIN. WHEN REMOVING EXISTING SIDEWALK ABOVE THE WATER MAIN, THE CONTRACTOR SHALL USE 45 LB MAXIMUM JACKHAMMERS TO REDUCE ASSOCIATED VIBRATIONS.

GENERAL NOTES (CON.)

- THE WEST SHORE HIGH PRESSURE PIPELINE SHALL BE SEISMICALLY MONITORED FOR ANY WORK WITHIN 300 FEET OF THE PIPELINE THAT CAUSES VIBRATIONS SUCH AS JACKHAMMERING OR RAMMING. THIS EXPENSE TO THE CONTRACTOR SHALL NOT BE PAID FOR SEPERATELY BUT INCLUDED IN THE COST OF EXCAVATION.
- NO WORK SHALL TAKE PLACE WITHIN THE RIGHT-OF-WAY FOR THE WEST SHORE PIPELINE WITHOUT A BUCKEYE ON-SITE INSPECTOR PRESENT. FOR THIS FREE OF CHARGE SERVICE, CONTACT THE BUCKEYE LOCAL FIELD OPERATIONS MANAGER AT 708-227-0962
- ALL WORK ACTIVITIES THAT HAVE THE POTENTIAL TO FOUL CSXT TRACK OR RIGHT-OF-WAY SHALL BE GOVERNED BY THE CSXT PUBLIC PROJECTS MANUAL. SPECIFIC SECTIONS PERTINENT TO THIS PROJECT INCLUDE: CSXT SPECIAL PROVISIONS AND CONSTRUCTION SUBMISSION CRITERIA.
- NITROGEN, AND POTASSIUM FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL PERMANENT SEEDBEDS ACCORDING TO SECTION 250.04 OF THE STANDARD SPECIFICATIONS.
- TREES SHALL NOT BE PLANTED BENEATH OVERHEAD COMED AERIAL WIRES OR OVER THE WESTSHORE (BUCKLEYE) PIPELINE.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS IF THE CONTACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 of the SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

Max: 2017/17-129-000 EFK Moen IDOT DUR PTB 181-417-129-013 WD 13 Ashland Av-135th St. Brdg. Reml Con Pw\Design For Printing On V:\Transportation\CADD\CADD_Sheets\112154-sh1-gennose@idot.gov

REV. - MS



USER NAME = DavidL	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
INDEX OF SHEETS, STANDARDS AND GENERAL NOTES**

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

F. A. U R. T. E. 2857	SECT ION 146B-BR	COUNTY COOK	T OT ASHEET SHEET NO. 94 2
CONTRACT NO. 60484			ILLINOIS FED. AID PROJECT

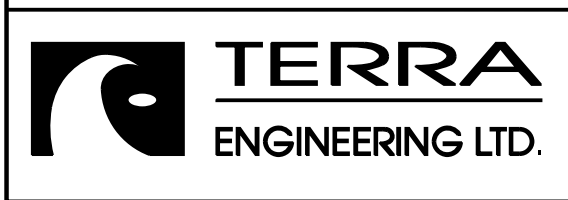
SOIL EROSION AND SEDIMENTATION CONTROL NOTES

1. THE FOLLOWING PRINCIPLES SHALL APPLY TO ALL MOVEMENT OF EARTH AND STORM DRAINAGE. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON SITE.
2. THE SMALLEST PRACTICAL AREA OF LAND IS TO BE EXPOSED AT ANY GIVEN TIME DURING CONSTRUCTION. EXPOSURE SHALL BE KEPT TO AS SHORT A DURATION OF TIME AS IS PRACTICAL.
3. THE CONTRACTOR SHALL INSTALL SEDIMENT BASINS OR SILT TRAPS IF SPECIFIED ON THE DRAWINGS TO CONTROL SEDIMENT FROM LEAVING THE SITE.
4. STABILIZE AND PROTECT DISTURBED AREAS. 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. MECHANICAL STRUCTURAL AND/OR VEGETATIVE CONTROL METHODS SHALL BE USED IN ORDER TO RETARD SOIL EROSION IF DIRECTED BY THE ENGINEER.
5. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN ONE (1) DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF FOURTEEN (14) OR MORE CALENDAR DAYS. THIS REQUIREMENT SHALL NOT BE APPLICABLE FOR THOSE CONDITIONS WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER. FOR SUCH CONDITIONS STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. ON AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER FOURTEEN (14) DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.
6. WHEREVER TEMPORARY SEEDING IS APPLIED, THE EXTENT OF TEMPORARY SEEDING SHALL BE MEASURED IN PLACE IN THE FIELD AND SHALL BE PAID AT THE CONTRACT PRICE PER POUND FOR TEMPORARY EROSION CONTROL SEEDING.
7. WHERE POSSIBLE, TEMPORARY STABILIZATION OF THE INITIAL STAGE OF CONSTRUCTION SHOULD BE COMPLETED BEFORE WORK IS MOVED TO SUBSEQUENT STAGES.
8. PROTECT DISTURBED AREAS FROM STORM WATER RUN-OFF. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. PROTECTIVE MEASURES SHALL BE UTILIZED TO DIVERT RUN-OFF FROM DISTURBED AREAS.
9. RETAIN SEDIMENT WITHIN THE SITE AREA - SEDIMENT BASINS SHALL BE CONSTRUCTED IN ORDER TO DETAIN SEDIMENT LADEN RUN-OFF SO THAT THE SOIL PARTICLES SETTLE OUT. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED. SEDIMENT TRAPS ARE INCIDENTAL TO EARTH EXCAVATION PAY ITEM.
10. NATURAL PLANT COVER SHALL BE MAINTAINED AND PROTECTED AND ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
11. PROTECTION OF EXISTING FACILITIES AND UTILITIES-THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY FACILITIES FOR THE PROTECTION OF ALL EXISTING UTILITIES ON OR ADJACENT TO THE PROJECT. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT. FURTHERMORE, ANY DAMAGE DONE BY HIM, HIS AGENTS, OR ASSIGNS SHALL BE REPAIRED AT NO ADDITIONAL COMPENSATION.
12. DIRT ON PAVEMENT - WHERE A CONTRACTOR'S EQUIPMENT IS OPERATED UPON AN EXISTING PAVEMENT USED BY TRAFFIC THE CONTRACTOR SHALL CLEAN THE PAVEMENT OF ALL DIRT AND DEBRIS AT THE END OF EACH DAY'S OPERATIONS AND AT OTHER TIMES AS DIRECTED BY THE OWNER, THE ENGINEER, OR THE GOVERNING MUNICIPALITY. THE CLEANING WORK SHALL BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE COST OF THE CONTRACTOR'S CONTRACT FOR THE WORK TO BE PERFORMED.
13. DUST CONTROL - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF EXCESSIVE DUST DURING THE CONSTRUCTION PERIOD UNTIL THE ROAD PAVEMENT IS INSTALLED BY THE PAVING CONTRACTOR. THE REQUIREMENT FOR DUST CONTROL SHALL BE AS DIRECTED BY THE ENGINEER, AND SUCH DUST CONTROL (IF REQUIRED) SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
14. INLET PROTECTION SHALL BE PROVIDED FOR THOSE OPEN LID DRAINAGE STRUCTURE LOCATIONS INDICATED ON THE PLANS. FILTER FABRIC SHALL BE PLACED ACROSS THE FRAME AND THE LID DROPPED IN PLACE.
15. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
16. WHEN A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS, SEDIMENT AND EROSION CONTROL MEASURES WILL BE IMPLEMENTED. EROSION CONTROL FOR STOCKPILE MATERIALS WILL NOT BE MEASURED FOR PAYMENT.
17. THE CONTRACTOR SHALL MAKE AN EFFORT TO MINIMIZE USE OF HEAVY EQUIPMENT WITHIN THE DESIGNATED DRAINAGE FACILITIES.
18. NO STOCKPILING WITHIN DRIP LINE OF TREES, MAINTAIN TWENTYFIVE (25) FEET MINIMUM DISTANCE BETWEEN STOCKPILES AND DRAINAGE WAY, AND SILT FENCE OR VEGETATIVE COVER ON DOWNHILL SIDE.
19. CONCRETE WASHOUT IS INCIDENTAL TO CORRESPONDING WORK.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES (CONT.)

20. 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. HOWEVER, THE CONTRACTOR SHALL NOT USE THE INLET AND PIPE PROTECTION MEASURES SHOWN ON THE STANDARDS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT LE 40.
21. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE OF APPROVAL.
22. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
23. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
24. ALL DISTURBED AREAS SHALL BE SEEDDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. AREAS THAT HAVE BEEN STRIPPED AND WILL NOT RECEIVE PERMANENT LANDSCAPING WITHIN SEVEN (7) DAYS SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING.
25. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
26. 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 ON TO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
27. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 - INCH PRECIPITATION OR EQUIVALENT SNOWFALL. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.
28. 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.
29. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. SILT FENCE SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% OF THE HEIGHT OF THE CONTROL DEVICE. THE COST OF THE MAINTENANCE AND CLEANING OF THE EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
30. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IF NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IF THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION.
31. PERMANENT SEEDING/STABILIZATION OF DISTURBED STAGE 2 AREAS SHALL BE COMPLETED BEFORE TRAFFIC IS MOVED FOR STAGE 3 CONSTRUCTION.
32. ALL WORK ASSOCIATED WITH INSTALLATION AND MAINTENANCE OF STABILIZED CONSTRUCTION ENTRANCES AND CONCRETE WASHOUTS ARE INCIDENTAL TO THE CONTRACT.
33. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
34. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
35. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
36. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
37. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDDED AT ONE TIME.
38. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)	
SOIL EROSION AND SEDIMENTATION CONTROL NOTES	
SCALE:	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	3
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					80% FED, 20% STATE FUNDED	
					ROADWAY	BRIDGE
					0005	0010
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	176	176	
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	170	170	
	20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25	
	20101000	TEMPORARY FENCE	FOOT	285	285	
	20101100	TREE TRUNK PROTECTION	EACH	10	10	
*	20101200	TREE ROOT PRUNING	EACH	37	37	
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	26	26	
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5	
	20101700	SUPPLEMENTAL WATERING	UNIT	56	56	
	20200100	EARTH EXCAVATION	CU YD	9505	9505	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	100	
	20800150	TRENCH BACKFILL	CU YD	25	25	
	20900110	POROUS GRANULAR BACKFILL	CU YD	89	89	
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	3533	3533	

* SPECIALTY ITEM

REV. - MS



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	DRAWN -	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	4
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					80% FED, 20% STATE FUNDED	
					ROADWAY	BRIDGE
					0005	0010
	21101645	TOPSOIL FURNISH AND PLACE, 12"	SO YD	1462	1462	
	21400100	GRADING AND SHAPING DITCHES	FOOT	915	915	
*	25000200	SEEDING, CLASS 2	ACRE	0.50	0.50	
*	25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75	
*	25000300	SEEDING, CLASS 3	ACRE	0.75	0.75	
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	93	93	
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	93	93	
	25000750	MOWING	ACRE	10.0	10.0	
*	25100125	MULCH, METHOD 3	ACRE	0.5	0.5	
*	25100630	EROSION CONTROL BLANKET	SO YD	2411	2411	
*	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	948	948	
*	25200110	SODDING, SALT TOLERANT	SO YD	439	439	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	450	450	
	28000305	TEMPORARY DITCH CHECKS	FOOT	160	160	

* SPECIALTY ITEM

REV. - MS



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PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 11 SHEETS STA. TO STA.

F.A.J. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 5
			CONTRACT NO. 60484	
ILLINOIS FED. AID PROJECT				

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					ROADWAY 0005	BRIDGE 0010
	28000400	PERIMETER EROSION BARRIER	FOOT	497	497	
	28000510	INLET FILTERS	EACH	33	33	
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	226	226	
	28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	1076	1076	
	28100103	STONE RIPRAP, CLASS A2	SQ YD	220	220	
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	674	674	
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	241	241	
	35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	674	674	
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	60	60	
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	964	964	
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	79	79	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	27	27	
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	7	7	
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	175	175	

* SPECIALTY ITEM

REV. - MS



USER NAME = DavidL	DESIGNED - HTC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A.J. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 6
CONTRACT NO. 60484				ILLINOIS FED. AID PROJECT

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					80% FED, 20% STATE FUNDED	
					ROADWAY 0005	BRIDGE 0010
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	2675	2675	
	44000100	PAVEMENT REMOVAL	SO YD	1104	1104	
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	1363	1363	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	68	68	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	32	32	
	44000600	SIDEWALK REMOVAL	SO FT	1779	1779	
	44004250	PAVED SHOULDER REMOVAL	SO YD	252	252	
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	59	59	
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	158	158	
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
	50200100	STRUCTURE EXCAVATION	CU YD	390	390	
	50300225	CONCRETE STRUCTURES	CU YD	122	122	
	50300300	PROTECTIVE COAT	SO YD	755	755	
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5960	5960	

* SPECIALTY ITEM

REV. - MS



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PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 7
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					80% FED, 20% STATE FUNDED	
					ROADWAY	BRIDGE
					0005	0010
	50900805	PEDESTRIAN RAILING	FOOT	144	144	
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	315	315	
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	53	53	
	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	34	34	
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	173	173	
	60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	477	477	
	60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2	
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	3	3	
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1	
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	4	4	
	60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	4	4	
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2	

* SPECIALTY ITEM

REV. - MS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 5 OF 11 SHEETS STA. TO STA.

F.A.J. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 8
CONTRACT NO. 60484				ILLINOIS FED. AID PROJECT

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					80% FED, 20% STATE FUNDED	
					ROADWAY	BRIDGE
					0005	0010
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	3	
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3	3	
	60500050	REMOVING CATCH BASINS	EACH	1	1	
	60500060	REMOVING INLETS	EACH	1	1	
	60500205	FILLING CATCH BASINS	EACH	1	1	
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	3	
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	568	568	
	* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	375	375	
	* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3	
	* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3	
	63200310	GUARDRAIL REMOVAL	FOOT	918	918	
	63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	174	174	
	63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	164	164	
	63700900	CONCRETE BARRIER BASE	FOOT	430	430	

* SPECIALTY ITEM

REV. - MS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 9
CONTRACT NO. 60484				ILLINOIS FED. AID PROJECT

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					80% FED, 20% STATE FUNDED	
					ROADWAY	BRIDGE
					0005	0010
	64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3	
	64301090	ATTENUATOR BASE	SQ YD	24	24	
	66407700	CHAIN LINK GATES, 6' X 14' DOUBLE	EACH	1	1	
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	950	950	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	15	15	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
	67100100	MOBILIZATION	LSUM	1	1	
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	980	980	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	326	326	
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	12369	12369	
	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	24	24	

* SPECIALTY ITEM

REV. - MS



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 10
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					ROADWAY	BRIDGE
					0005	0010
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1100	1100	
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	475	475	
	70600235	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	2	2	
	70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2	
*	72000100	SIGN PANEL - TYPE 1	SQ FT	8.0	8.0	
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	12.5	12.5	
*	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	16.0	16.0	
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3	
*	72900100	METAL POST - TYPE A	FOOT	26	26	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5413	5413	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	198	198	
*	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	7	7	
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	15	15	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	198	198	

* SPECIALTY ITEM

REV. - MS



USER NAME = DavidL	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 11
CONTRACT NO. 60484				ILLINOIS FED. AID PROJECT

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					80% FED, 20% STATE FUNDED	
					ROADWAY	BRIDGE
					0005	0010
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	8	8	
*	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
*	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
*	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
*	A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
*	A2006820	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
*	A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	157	157	
	X0301797	GATE REMOVAL	EACH	1	1	
	X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1	
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1786	1786	
	X2010507	CLEARING, SPECIAL	ACRE	1.00	1.00	
	X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	688	688	

* SPECIALTY ITEM

REV. - MS



USER NAME = DavidL	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 9 OF 11 SHEETS STA. TO STA.

F.A.J. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 12
CONTRACT NO. 60484				
(ILLINOIS) FED. AID PROJECT				

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SI	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES	
					URBAN	
					ROADWAY 0005	BRIDGE 0010
<input type="checkbox"/>	X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	1025	1025	
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	4	4	
	X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	2	2	
	X6431110	REMOVE ATTENUATOR BASE	EACH	2	2	
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60	
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4119	4119	
	X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	25	25	
	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	934	934	
	Z0012455	CONCRETE STEP REMOVAL	EACH	1	1	
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
<input type="checkbox"/>	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	32	32	
	Z0022800	FENCE REMOVAL	FOOT	113	113	
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	64	64	

* SPECIALTY ITEM
 NP 100% STATE

REV. - MS



USER NAME = DavidL	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -

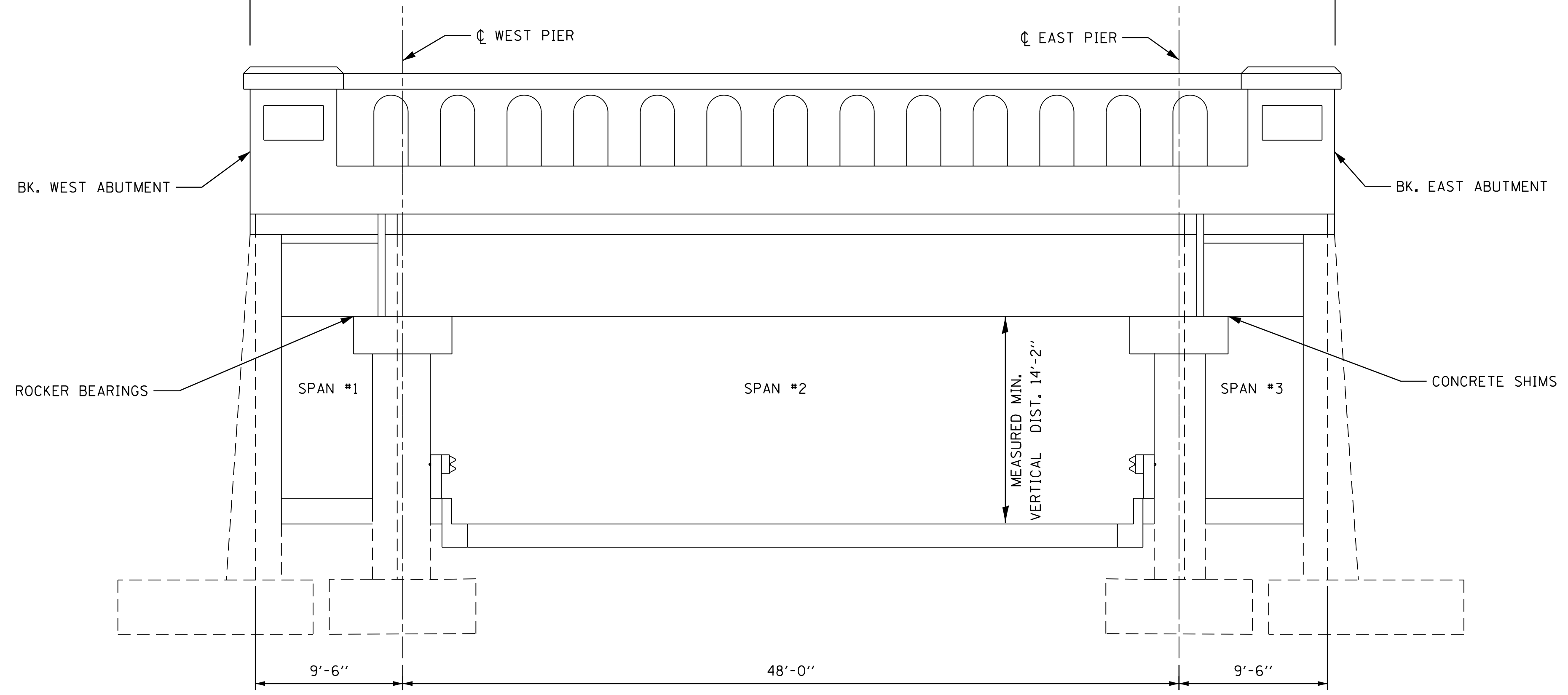
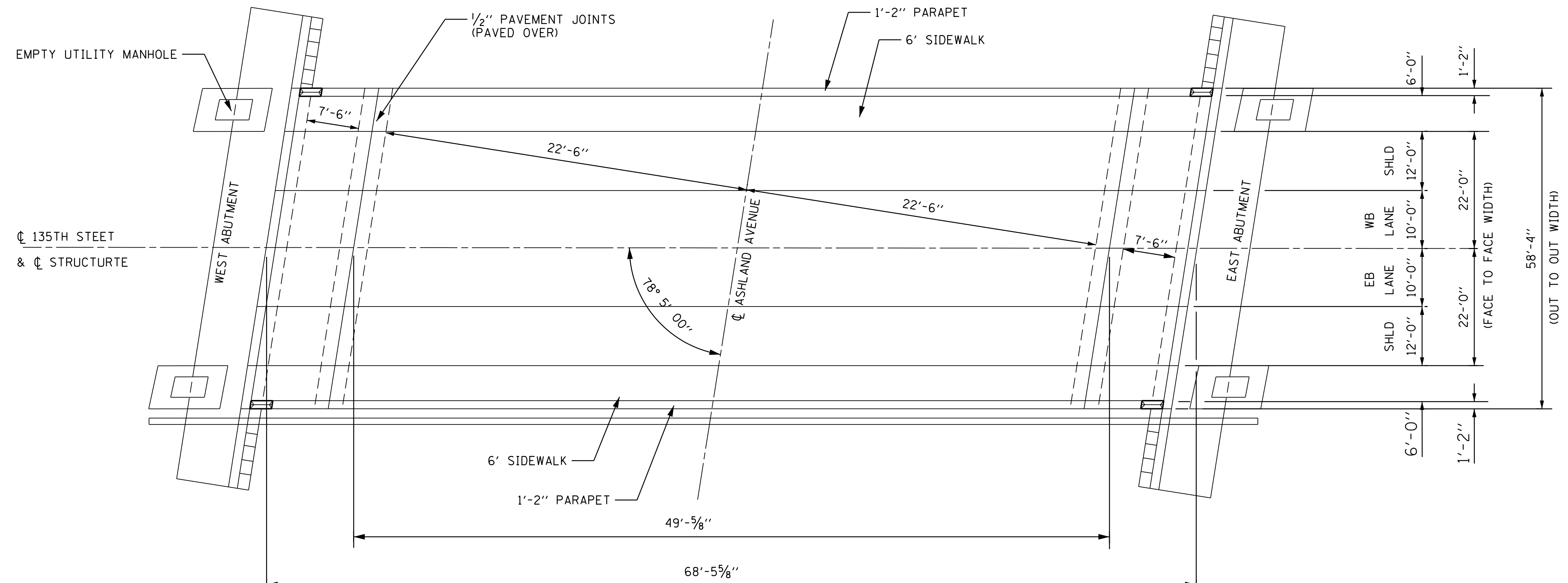
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 13
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

PLAN VIEW

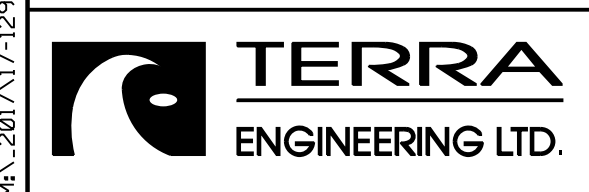


ELEVATION VIEW

STA. 97+64.0 - 98+24.2 STA. 97+73.8 - 98+34.0

NOTE:
NOT TO SCALE

M:\2017\17-29-000_EPK_Moen_IDDT_DUR_PTB_181-4\17-129-013_WD_13_Ashland_Ave-135th_St-Brdg_Remv1 on PW\Design For Printing_0NL\1\Transportation\CADD\CADD_Sheets\0112154-sht-typical01.dgn



USER NAME = juanS	DESIGNED - BCB	REVISED -
DRAWN - BCB	REVISIONS -	
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

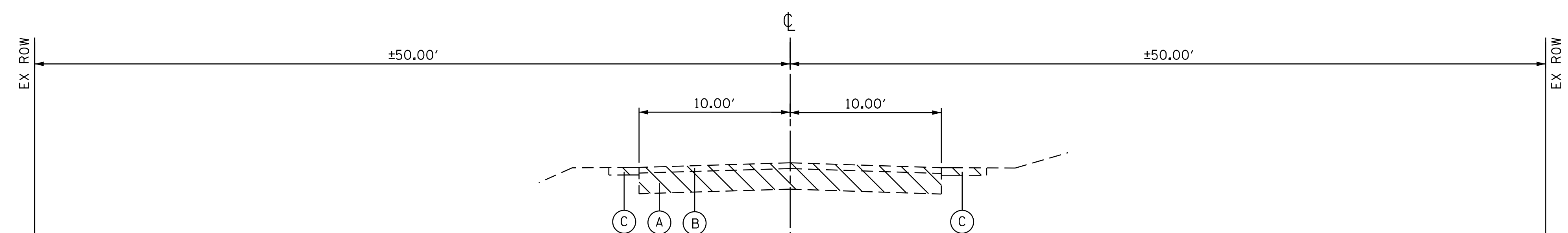
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
EXISTING STRUCTURE PLAN & ELEVATION**

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 15
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

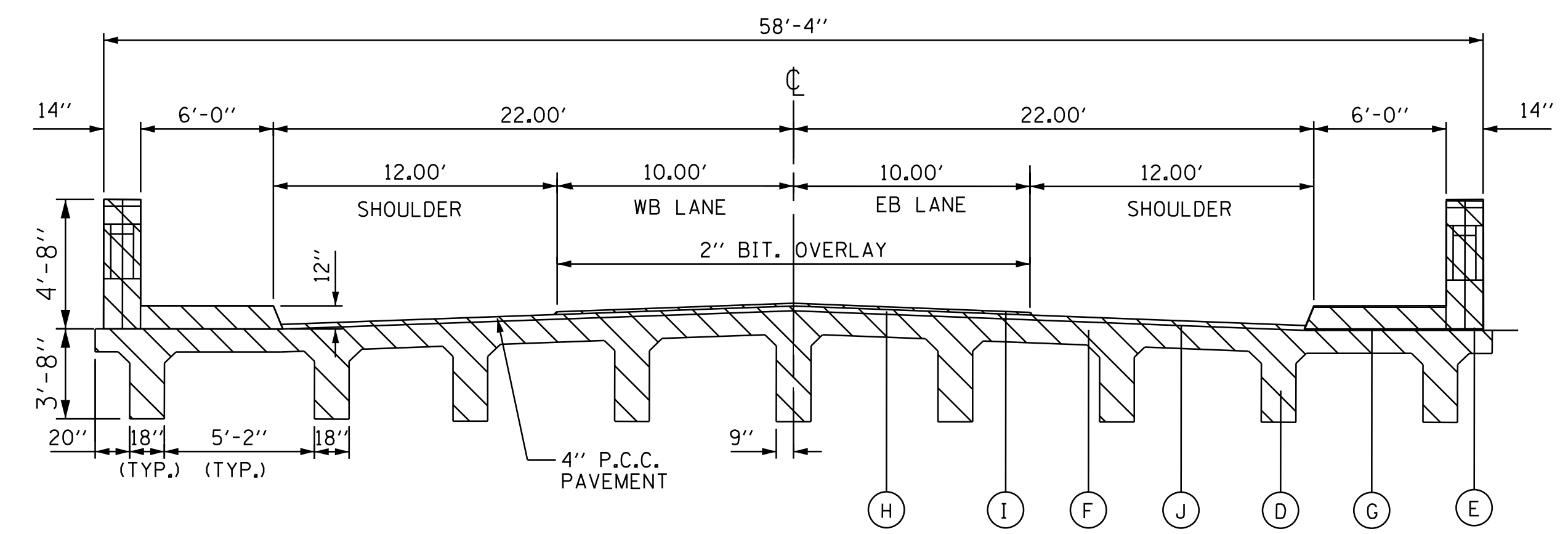
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**EXISTING TYPICAL SECTION
135th Street (Jackson Street)
STA. 47+00.00 TO STA. 49+66.00
STA. 50+34.60 TO STA. 52+52.00**

EXISTING LEGEND

- (A) EXISTING 6" HOT MIX ASPHALT PAVEMENT
 - (B) EXISTING 2" HOT MIX ASPHALT RESURFACING
 - (C) EXISTING AGGREGATE SHOULDER
 - (D) MONOLITHIC TEE BEAMS
 - (E) PARAPET
 - (F) EXIST. DECK, 7" (SPAN #2) / 13" (SPAN #1 & #3)
 - (G) SIDEWALK, 12"
 - (H) PCC PAVEMENT, 4"
 - (I) ASPHALT OVERLAY, 2"
 - (J) SHOULDER, UNPAVED
- ▨ - TO BE REMOVED

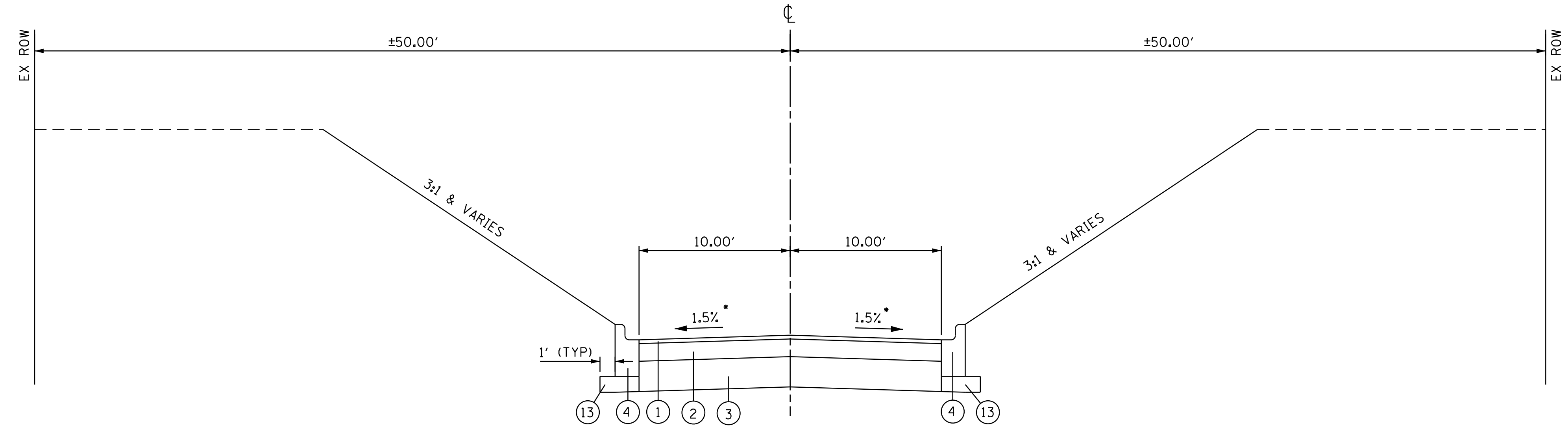


**EXISTING TYPICAL SECTION
135th Street (Jackson Street)
(LOOKING EASTBOUND)
STA. 49+66.00 TO STA. 50+34.60**

PROPOSED LEGEND

- (1) PROPOSED 1 1/2" HMA SURFACE COURSE, MIX D, N 70, IL 9.5
- (2) PROPOSED 7" HMA BASE COURSE
- (3) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) SUBBASE GRANULAR MATERIAL, TYPE B, 6"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
JACKSON STREET		
MIXTURE TYPE	AIR VOIDS @ NDES	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5 mm) 1 1/2"	4.0% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BASE COURSE, 7" (HMA BINDER IL-19.0)	4.0% @ 70 GYR	QC/OA
ASHLAND AVENUE		
MIXTURE TYPE	AIR VOIDS @ NDES	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5 mm) 1 1/2"	4.0% @ 70 GYR	QC/OA
LEVELING BINDER (MACHINE METHOD), N70, (IL 9.5mm)	4.0% @ 70 GYR	QC/OA
"SHOULDER" @ GUARDRAILS		
MIXTURE TYPE	AIR VOIDS @ NDES	
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm) 6"	4.0% @ 50 GYR	QC/OA
DRIVEWAY		
MIXTURE TYPE	AIR VOIDS @ NDES	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5 mm) 2"	4.0% @ 50 GYR	QC/OA
HOT-MIX ASPHALT BASE COURSE, 8", (HMA BINDER IL-19 MM)	4.0% @ 50 GYR	QC/OA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/OA)		



FROM STA. 47+00 TO STA. 50+00 (RECONSTRUCTION)

**PROPOSED TYPICAL SECTION
135th Street (Jackson Street)
STA. 47+00.00 TO STA. 49+79.00**

• CROWN IS WARPED FOR INTERSECTION DRAINAGE

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

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

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISION.

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



USER NAME = juanS	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

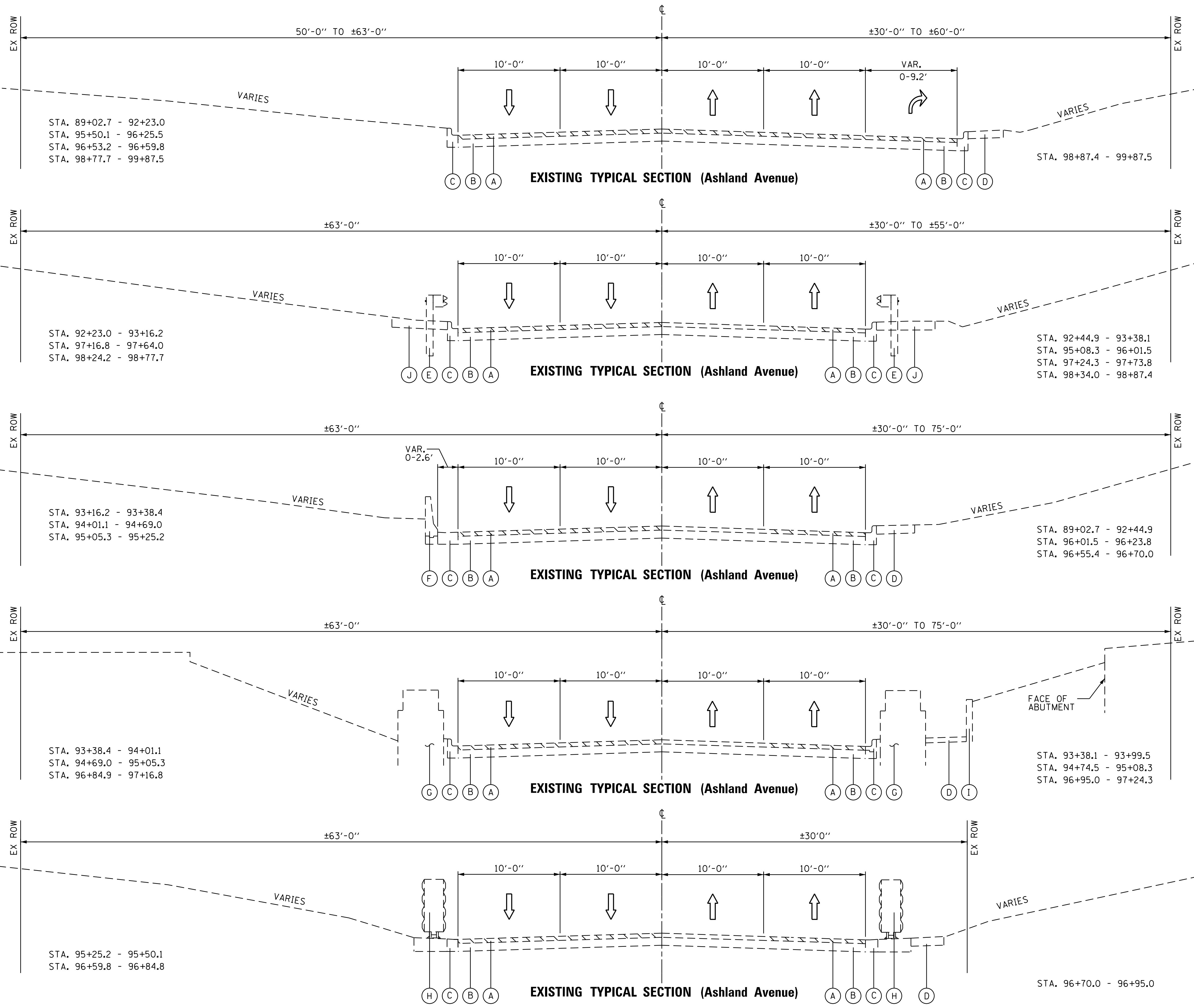
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
135TH STREET EXISTING & PROPOSED TYPICAL SECTIONS**

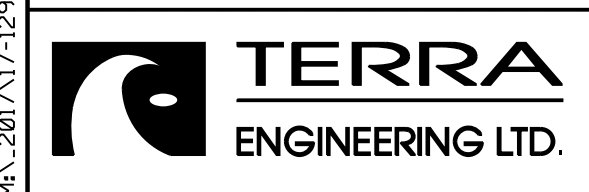
SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	16
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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- EXISTING LEGEND**
- (A) EXISTING 6" HOT MIX ASPHALT PAVEMENT
 - (B) EXISTING 9" PCC CONCRETE BASE
 - (C) EXISTING CURB & GUTTER
 - (D) EXISTING SIDEWALK
 - (E) EXISTING GUARDRAIL
 - (F) EXISTING SINGLE FACE CONCRETE BARRIER
 - (G) EXISTING BRIDGE PIER
 - (H) EXISTING ATTENUATOR
 - (I) EXISTING RETAINING WALL
 - (J) EXISTING HMA SHOULDER
 - (K) UNPAVED, SHOULDER
 - TO BE REMOVED



USER NAME = juonS	DESIGNED - BCB	REVISED -
DRAWN - BCB	REVISOR -	
PLOT SCALE =	CHECKED - DPA	REVISOR -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISOR -

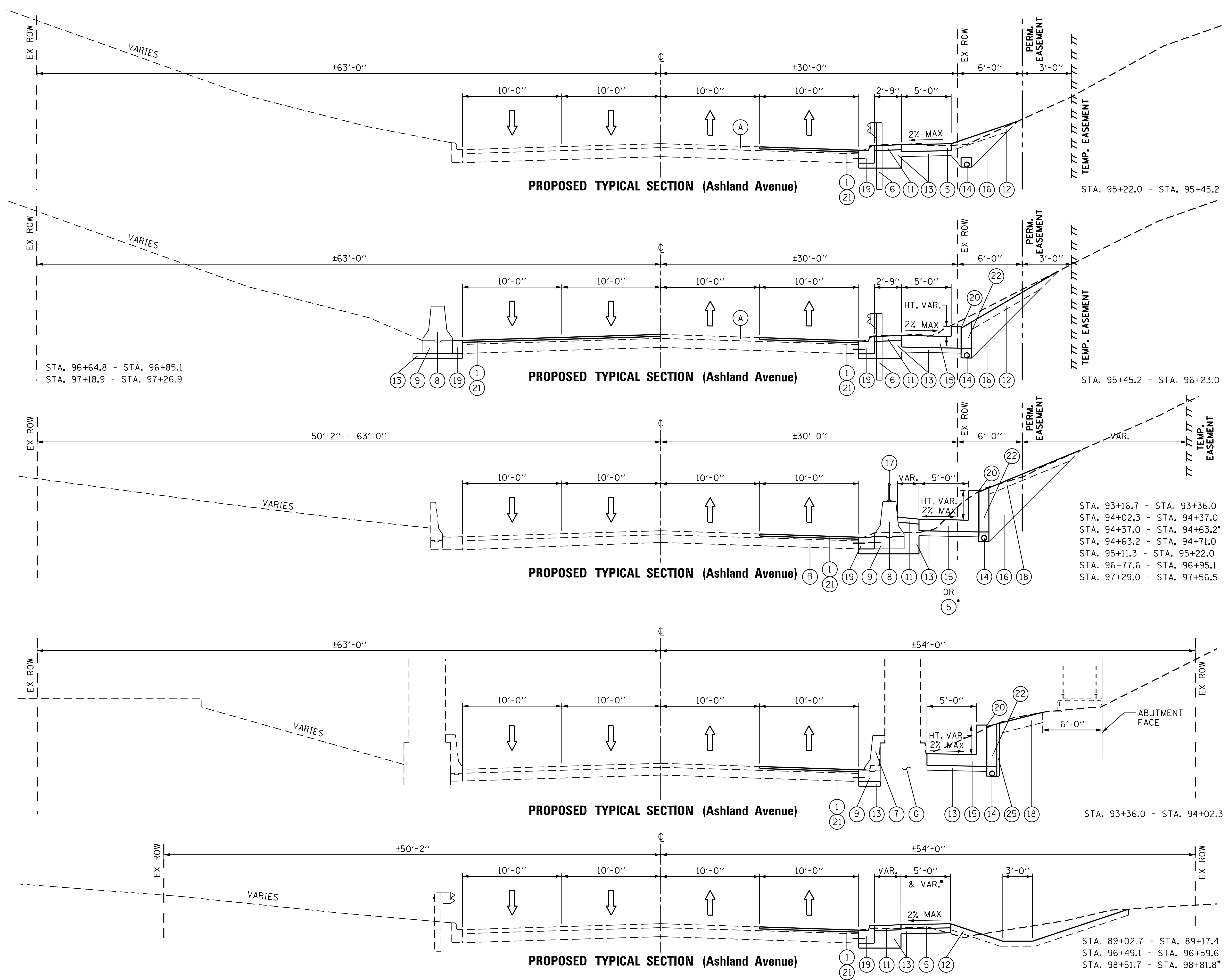
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
ASHLAND AVENUE EXISTING TYPICAL SECTIONS**

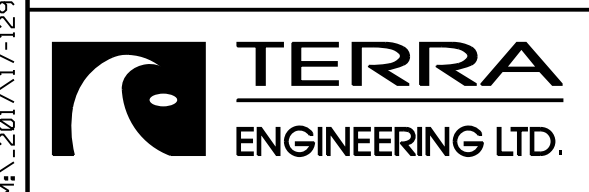
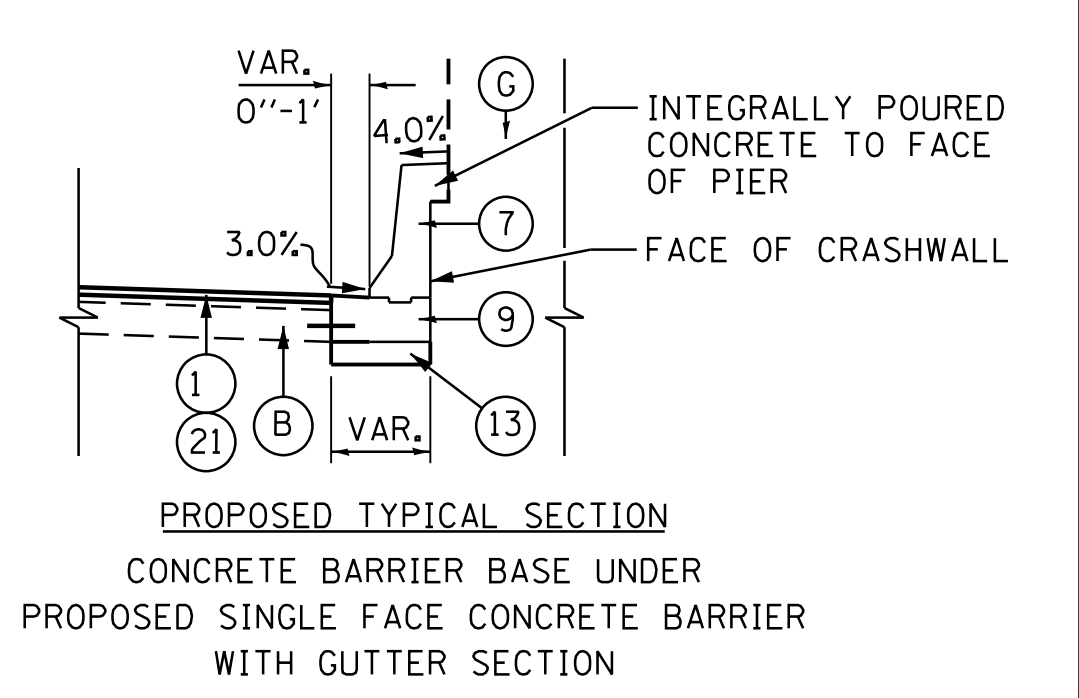
F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 17
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

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- EXISTING LEGEND**
- (A) EXISTING HOT MIX ASPHALT PAVEMENT, 6" AND VARIES
 - (B) EXISTING 9" PCC CONCRETE BASE
 - (G) EXISTING BRIDGE PIER
- PROPOSED LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - (2) HOT-MIX ASPHALT BASE COURSE, 7"
 - (3) AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - (6) STEEL PLATE BEAM GUARDRAIL, TYPE A
 - (7) CONCRETE BARRIER, SINGLE FACED, 42" HEIGHT
 - (8) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - (9) CONCRETE BARRIER BASE
 - (10) IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
 - (11) HOT-MIX ASPHALT SHOULDERS, 6"
 - (12) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING OR SOD
 - (13) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" & VAR.
 - (14) PIPE UNDERDRAINS FOR STRUCTURES, 4"
 - (15) INTEGRAL SIDEWALK / RETAINING WALL (PAID AS CONCRETE STRUCTURES)
 - (16) STRUCTURE EXCAVATION
 - (17) PEDESTRIAN RAILING
 - (18) STONE RIPRAP, CLASS A2, 6"
 - (19) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - (20) GEOCOMPOSITE WALL DRAIN
 - (21) LEVELING BINDER (MACHINE METHOD), N70, 1"
 - (22) POROUS GRANULAR BACKFILL
 - (23) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5MM) 2"
 - (24) HOT MIX ASPHALT BASE COURSE, 8"
 - (25) TEMPORARY SOIL RETENTION SYSTEM



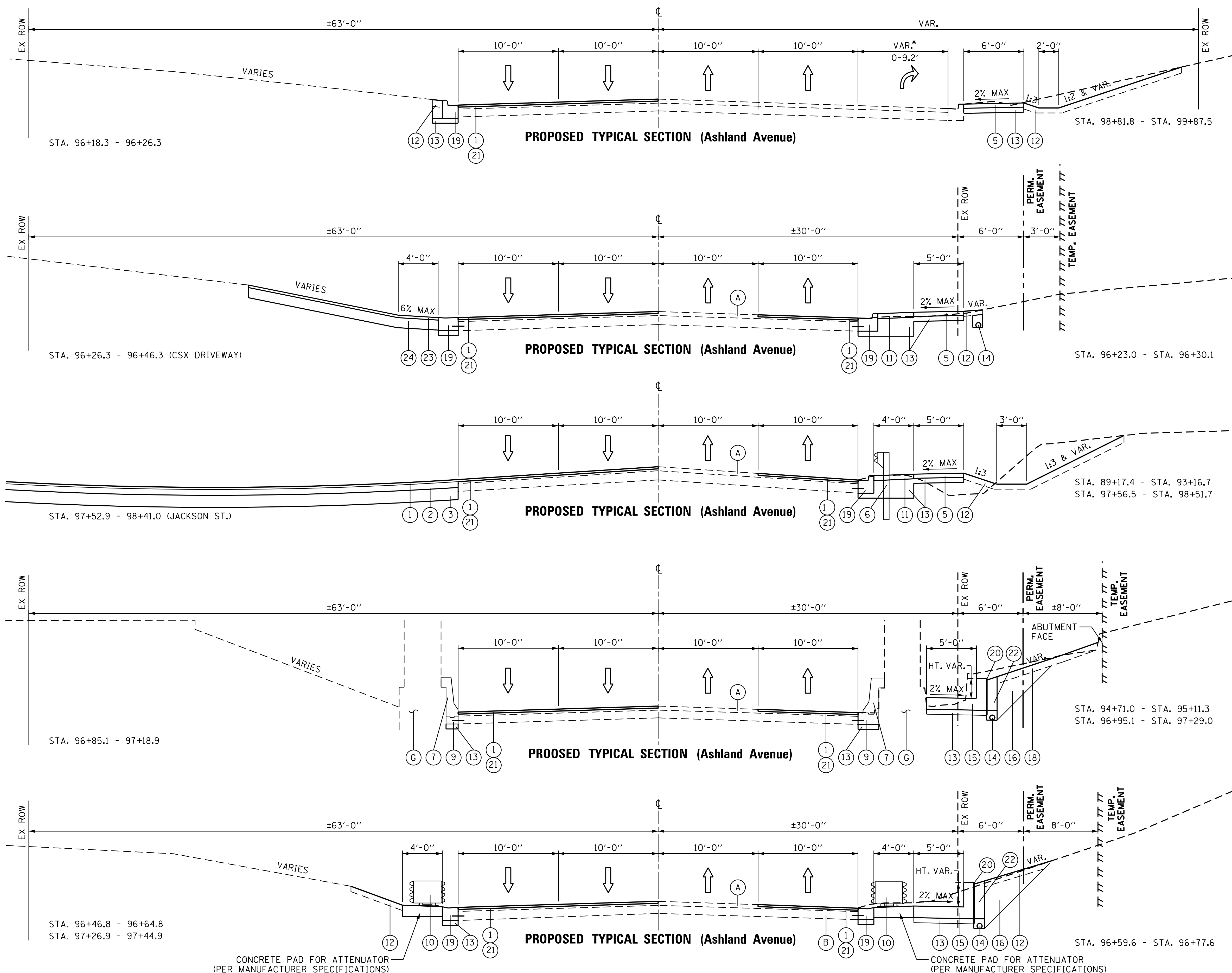
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PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

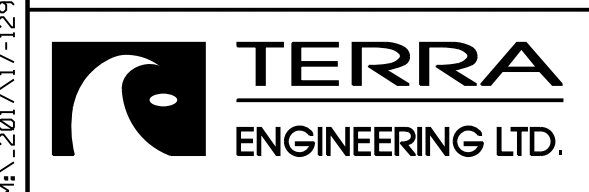
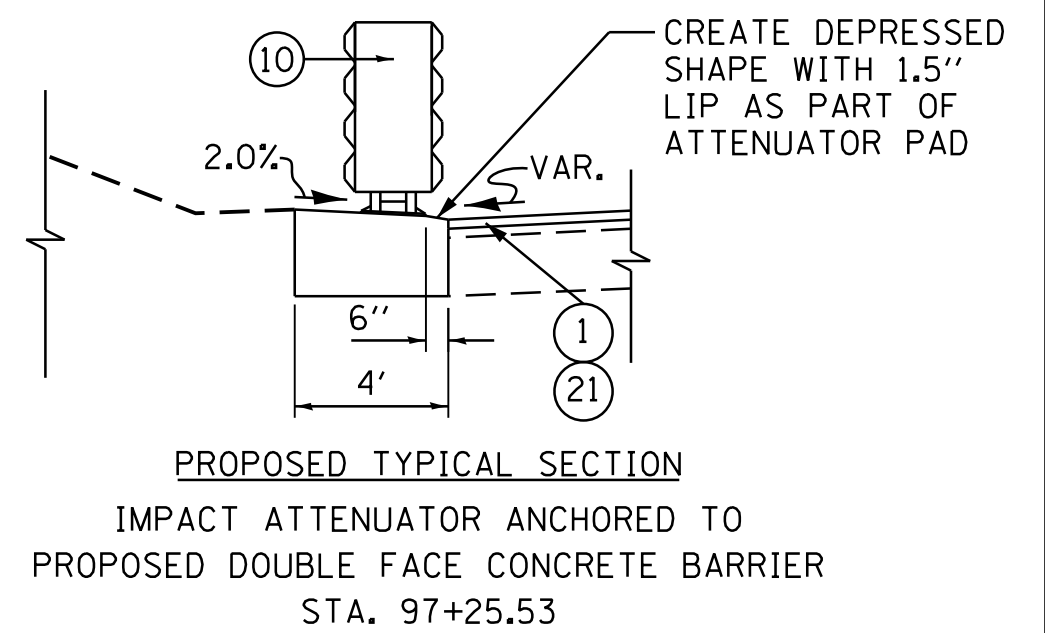
135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 ASHLAND AVENUE PROPOSED TYPICAL SECTIONS
 SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 18
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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- PROPOSED LEGEND**
- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - ② HOT-MIX ASPHALT BASE COURSE, 7"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - ⑥ STEEL PLATE BEAM GUARDRAIL, TYPE A
 - ⑦ CONCRETE BARRIER, SINGLE FACED, 42" HEIGHT
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
 - ⑨ CONCRETE BARRIER BASE
 - ⑩ IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
 - ⑪ HOT-MIX ASPHALT SHOULDERS, 6"
 - ⑫ TOPSOIL FURNISH AND PLACE, 6" AND SEEDING OR SOD
 - ⑬ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" & VAR.
 - ⑭ PIPE UNDERDRAINS FOR STRUCTURES, 4"
 - ⑮ INTEGRAL SIDEWALK / RETAINING WALL (PAID AS CONCRETE STRUCTURES)
 - ⑯ STRUCTURE EXCAVATION
 - ⑰ PEDESTRIAN RAILING
 - ⑱ STONE RIPRAP, CLASS A2, 6"
 - ⑲ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - ⑳ GEOCOMPOSITE WALL DRAIN
 - ㉑ LEVELING BINDER (MACHINE METHOD), N70, 1"
 - ㉒ POROUS GRANULAR BACKFILL
 - ㉓ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5MM) 2"
 - ㉔ HOT MIX ASPHALT BASE COURSE, 8"
 - ㉕ TEMPORARY SOIL RETENTION SYSTEM



USER NAME = juanS	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
ASHLAND AVENUE PROPOSED TYPICAL SECTIONS

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 19
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.

EARTHWORK SCHEDULE

STA	TO	STA	LENGTH FT	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	STRUCTURE EXCAVATION CU YD	STRUCTURE FILL CU YD
ASHLAND AVE								
88+72	TO	89+00	28	19.46	16.54	0.31	0.00	0.00
89+00	TO	89+13	13	19.68	16.72	1.52	0.00	0.00
89+13	TO	89+50	37	56.61	48.12	7.88	0.00	0.00
89+50	TO	89+70	20	22.87	19.44	4.39	0.00	0.00
89+70	TO	89+74	4	3.83	3.26	0.95	0.00	0.00
89+74	TO	89+95	21	18.74	15.93	4.05	0.00	0.00
89+95	TO	90+00	5	4.90	4.17	0.95	0.00	0.00
90+00	TO	90+50	50	57.06	48.51	7.43	0.00	0.00
90+50	TO	91+00	50	59.15	50.28	3.71	0.00	0.00
91+00	TO	91+23	23	35.77	30.40	0.88	0.00	0.00
91+23	TO	91+50	27	49.38	41.97	1.08	0.00	0.00
91+50	TO	92+00	50	93.90	79.81	1.84	0.00	0.00
92+00	TO	92+33	33	97.10	82.54	1.17	0.00	0.00
92+33	TO	92+50	17	47.31	40.21	0.74	0.00	0.00
92+50	TO	92+67	17	27.28	23.19	0.84	0.00	0.00
92+67	TO	92+84	17	23.40	19.89	0.74	0.00	0.00
92+84	TO	93+00	16	24.31	20.66	0.32	0.00	0.00
93+00	TO	93+17	17	21.74	18.48	0.00	5.53	1.53
93+17	TO	93+20	3	1.76	1.50	0.00	3.13	0.87
93+20	TO	93+25	5	0.93	0.79	0.00	5.13	0.90
93+25	TO	93+38	13	1.22	1.04	0.00	10.55	0.00
93+38	TO	93+43	5	0.00	0.00	0.00	4.56	0.00
93+43	TO	93+50	7	0.00	0.00	0.00	6.81	0.00
93+50	TO	93+69	19	0.00	0.00	0.00	16.31	0.00
93+69	TO	94+00	31	0.00	0.00	0.00	21.31	0.00
94+00	TO	94+16	16	1.35	1.15	0.00	7.48	0.00
94+16	TO	94+19	3	0.85	0.72	0.00	0.00	0.00
94+19	TO	94+33	14	4.27	3.63	0.20	0.00	0.00
94+33	TO	94+50	17	4.05	3.44	0.28	0.00	0.00
94+50	TO	94+63	13	2.00	1.70	0.03	3.98	1.97
94+63	TO	94+72	9	0.46	0.39	0.01	8.19	4.06
94+72	TO	94+91	19	0.00	0.00	0.00	23.98	11.38
94+91	TO	95+00	9	0.00	0.00	0.00	11.65	5.20
95+00	TO	95+05	5	0.00	0.00	0.00	6.80	2.92
95+05	TO	95+10	5	0.00	0.00	0.00	7.10	2.99
95+10	TO	95+22	13	1.33	1.13	0.00	14.58	5.43
95+22	TO	95+25	2	0.81	0.69	0.00	1.54	0.46
95+25	TO	95+27	3	1.61	1.37	0.00	0.00	0.00
95+27	TO	95+45	18	10.81	9.19	0.00	4.01	1.09
95+45	TO	95+50	5	1.54	1.31	0.00	3.25	0.89
95+50	TO	95+97	47	10.04	8.54	0.00	43.80	12.07
95+97	TO	96+00	3	0.63	0.53	0.00	2.38	0.67
96+00	TO	96+26	26	9.33	7.93	0.00	18.02	5.08
96+26	TO	96+40	14	9.09	7.73	0.00	0.00	0.00
96+40	TO	96+50	10	9.20	7.82	0.00	0.00	0.00
96+50	TO	96+54	4	4.99	4.24	0.00	0.00	0.00
96+54	TO	96+60	6	5.68	4.83	0.00	2.50	0.20
96+60	TO	96+77	17	16.10	13.69	0.00	19.33	4.63
96+77	TO	96+82	5	5.82	4.95	0.00	7.77	2.77
96+82	TO	96+96	14	7.78	6.62	0.00	23.11	8.64
96+96	TO	97+00	4	0.00	0.00	0.00	6.31	2.54
97+00	TO	97+01	1	0.00	0.00	0.00	1.38	0.57
97+01	TO	97+12	11	0.00	0.00	0.00	17.33	6.73
97+12	TO	97+24	12	1.41	1.19	0.00	16.77	6.17
97+24	TO	97+29	5	1.46	1.24	0.00	6.29	2.38
97+29	TO	97+42	13	23.89	20.31	0.00	13.67	4.89
97+42	TO	97+47	5	21.36	18.15	0.00	5.67	1.20
97+47	TO	97+50	3	21.77	18.51	0.00	5.55	0.79
97+50	TO	97+57	7	70.76	60.14	0.00	23.90	1.74
97+57	TO	97+60	3	57.03	48.47	0.00	12.64	0.57
97+60	TO	97+63	3	86.26	73.32	0.00	0.00	0.00
97+63	TO	98+00	37	1474.46	1253.29	0.00	0.00	0.00
98+00	TO	98+26	26	1137.03	966.48	0.00	0.00	0.00
98+26	TO	98+50	24	636.13	540.71	0.00	0.00	0.00
98+50	TO	98+62	12	121.28	103.08	0.00	0.00	0.00
98+62	TO	98+83	21	77.33	65.73	0.00	0.00	0.00
98+83	TO	99+00	17	30.63	26.03	0.00	0.00	0.00
99+00	TO	99+50	50	56.78	48.26	0.00	0.00	0.00
99+50	TO	99+73	23	24.67	20.97	0.00	0.00	0.00

EARTHWORK SCHEDULE (CONTINUED)

STA	TO	STA	LENGTH FT	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	STRUCTURE EXCAVATION CU YD	STRUCTURE FILL CU YD
ASHLAND AVE								
99+73	TO	99+88	15	16.31	13.87	0.00	0.00	0.00
99+88	TO	100+00	13	9.07	7.71	0.00	0.00	0.00
100+00	TO	100+50	50	18.99	16.14	0.00	0.00	0.00
SUBTOTALS			1275	4680.75	3978.64	39.31	392.29	101.34
135TH ST								
(JACKSON ST)								
46+70	TO	47+00	30	24.14	20.52	0.00	0.00	0.00
47+00	TO	47+50	50	96.98	82.43	0.00	0.00	0.00
47+50	TO	48+00	50	283.93	241.34	0.00	0.00	0.00
48+00	TO	48+12	12	116.29	98.84	0.00	0.00	0.00
48+12	TO	48+50	38	589.39	500.98	0.00	0.00	0.00
48+50	TO	49+00	50	1370.17	1164.64	0.00	0.00	0.00
49+00	TO	49+50	50	2123.02	1804.57	0.00	0.00	0.00
(SEE ASHLAND AVE.)								
51+50	TO	52+00	50	133.18	113.20	26.41	0.00	0.00
52+00	TO	52+50	50	111.44	94.72	19.65	0.00	0.00
SUBTOTALS			350	4824.38	4100.72	46.06	0.00	0.00
GRAND TOTALS			1625	9505.13	8079.36	85.37	392.29	101.34

NOTES:

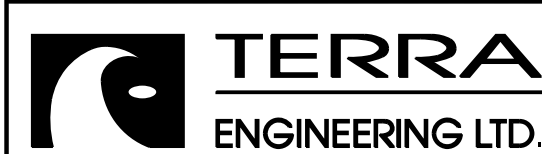
1. A SHRINKAGE FACTOR OF 15% WAS USED FOR CALCULATIONS.
2. THE USE OF EXCAVATED SOILS FROM EMBANKMENTS GRADING OPERATIONS IS DEPENDENT UPON PSI RESTRICTIONS DETAILED IN THE NON-SPECIAL WASTE DISPOSAL SPECIAL PROVISION.
3. EARTH EXCAVATION QUANTITY INCLUDES TOPSOIL REMOVAL WHERE PRESENT.

RELOCATE SIGN PANEL - TYPE 1						
ALIGNMENT:		135TH STREET		LENGTH (FEET)	AVG WIDTH (FEET)	QUANTITY (SQ FT)
STA	TO	STA	LT/RT			
51+05.72		49+35.00	RT	2.5	2.5	6.25
51+05.72		49+35.00	RT	2.5	2.5	6.25
				TOTAL		12.5

SIGN PANEL TYPE 1						
ALIGNMENT:		135TH STREET.		LENGTH (FEET)	AVG WIDTH (FEET)	QUANTITY (SQ FT)
STA	OFFSET	LT/RT				
52+41.00	00.00	--		1.5	3.0	4.50
				TOTAL		4.50

SIGN PANEL TYPE 2						
ALIGNMENT:		135TH STREET.		LENGTH (FEET)	AVG WIDTH (FEET)	QUANTITY (SQ FT)
STA	OFFSET	LT/RT				
51+05.72	3.0	LT		4.0	4.0	16.0
				TOTAL		16.0

M:\2017\17-129-000_EFK_Moen_IDOT_DUR_PTB_181-4-N17-129-003.WD 13 Ashland Ave-135th St-Brdg_Remo1 Con_Plan\Design For Printing_0NLV1\Transportation\CADD\CADD_Sheets\1112154-111-schedule.dgn



USER NAME = juonS	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

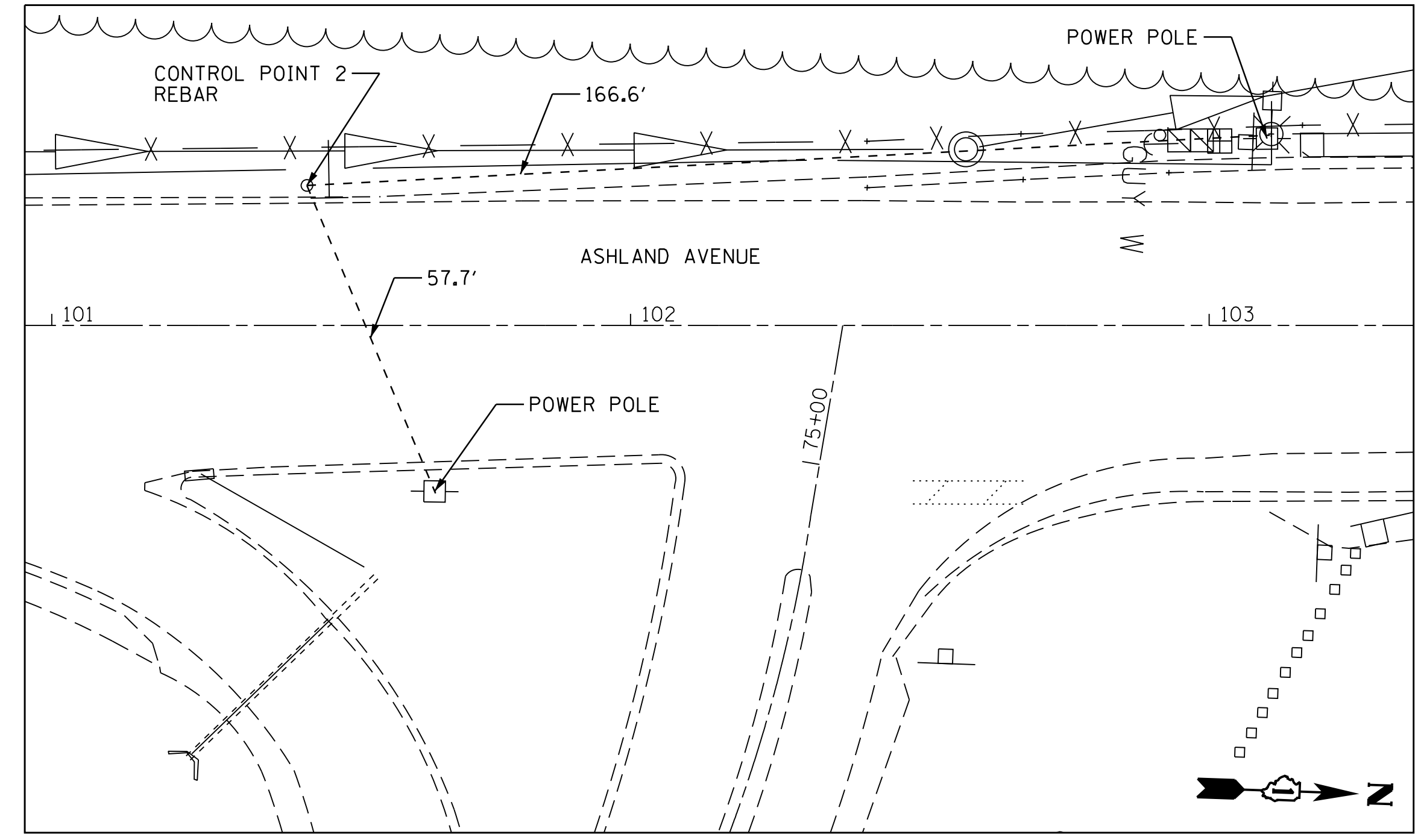
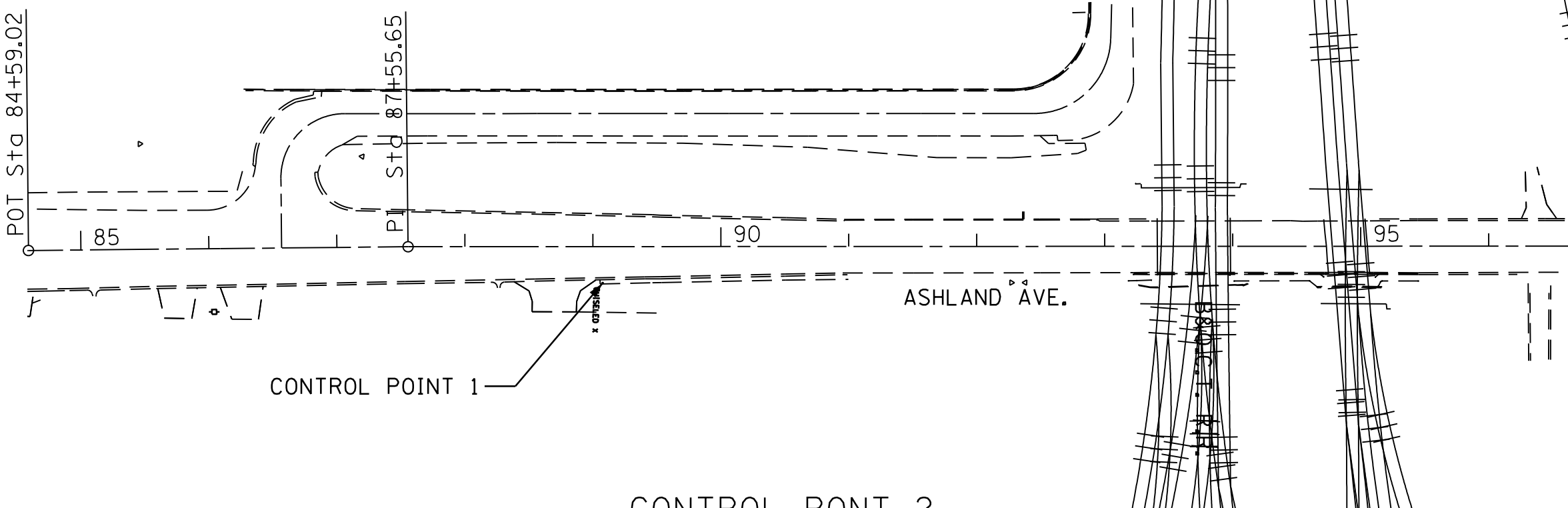
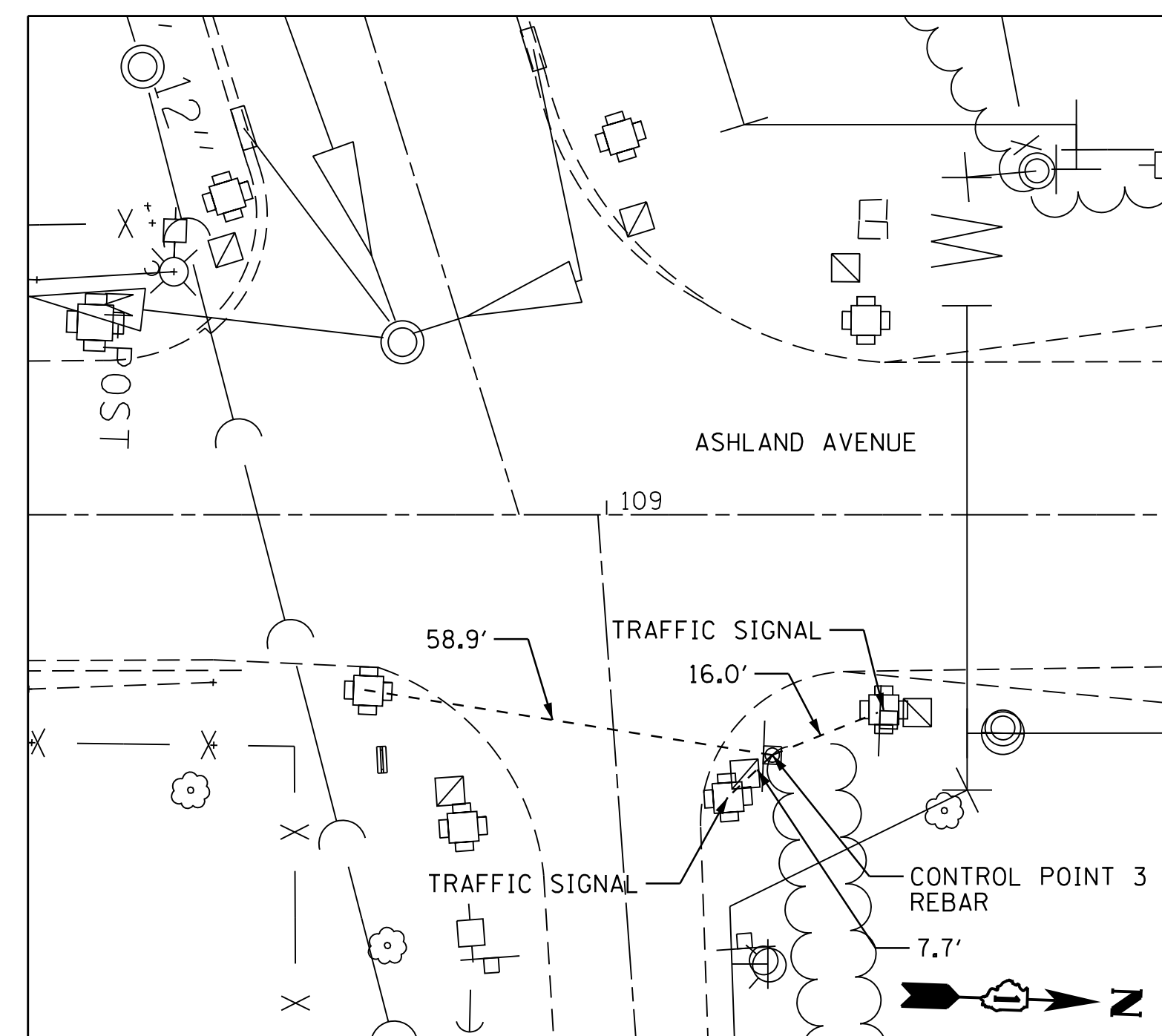
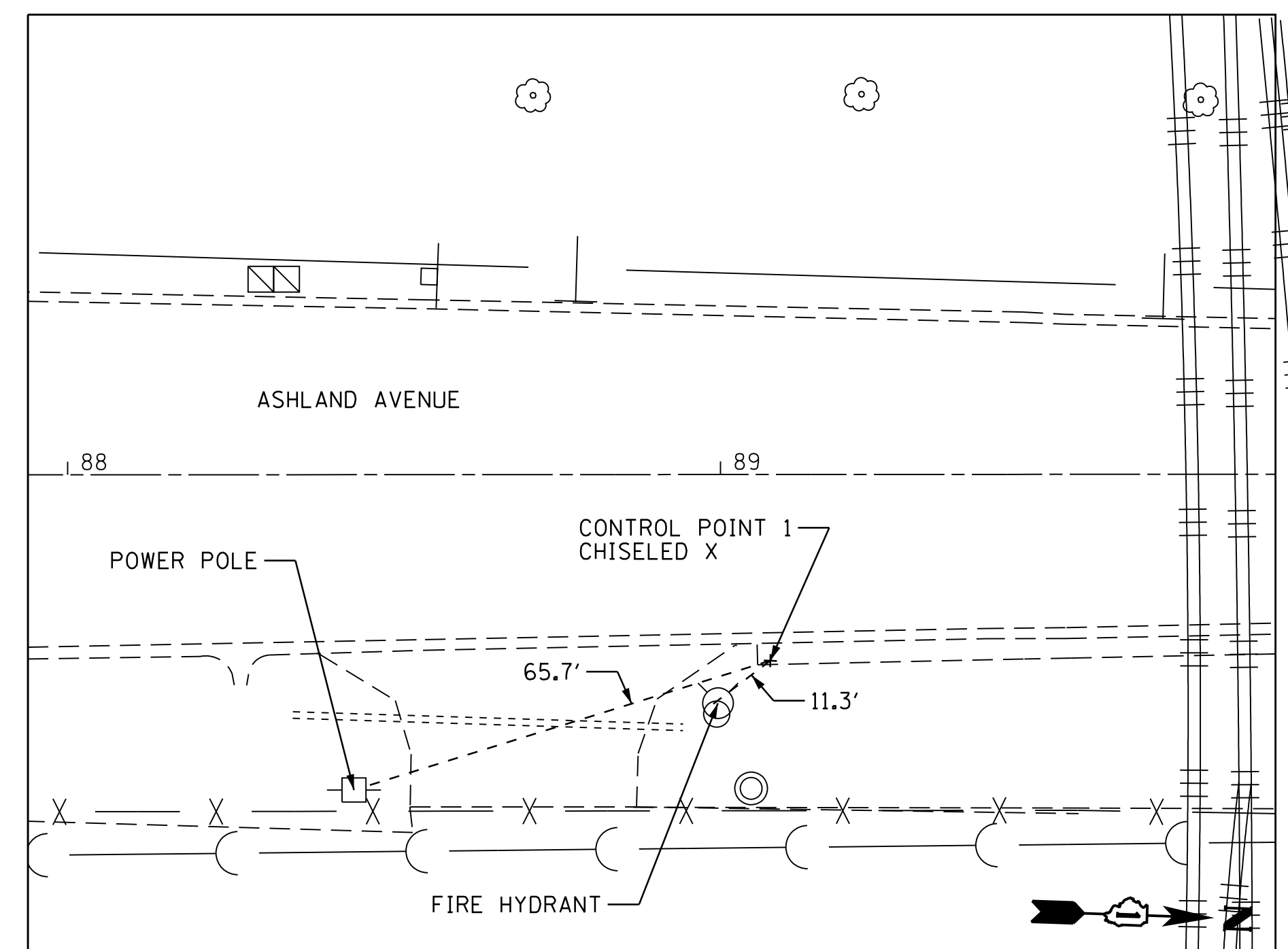
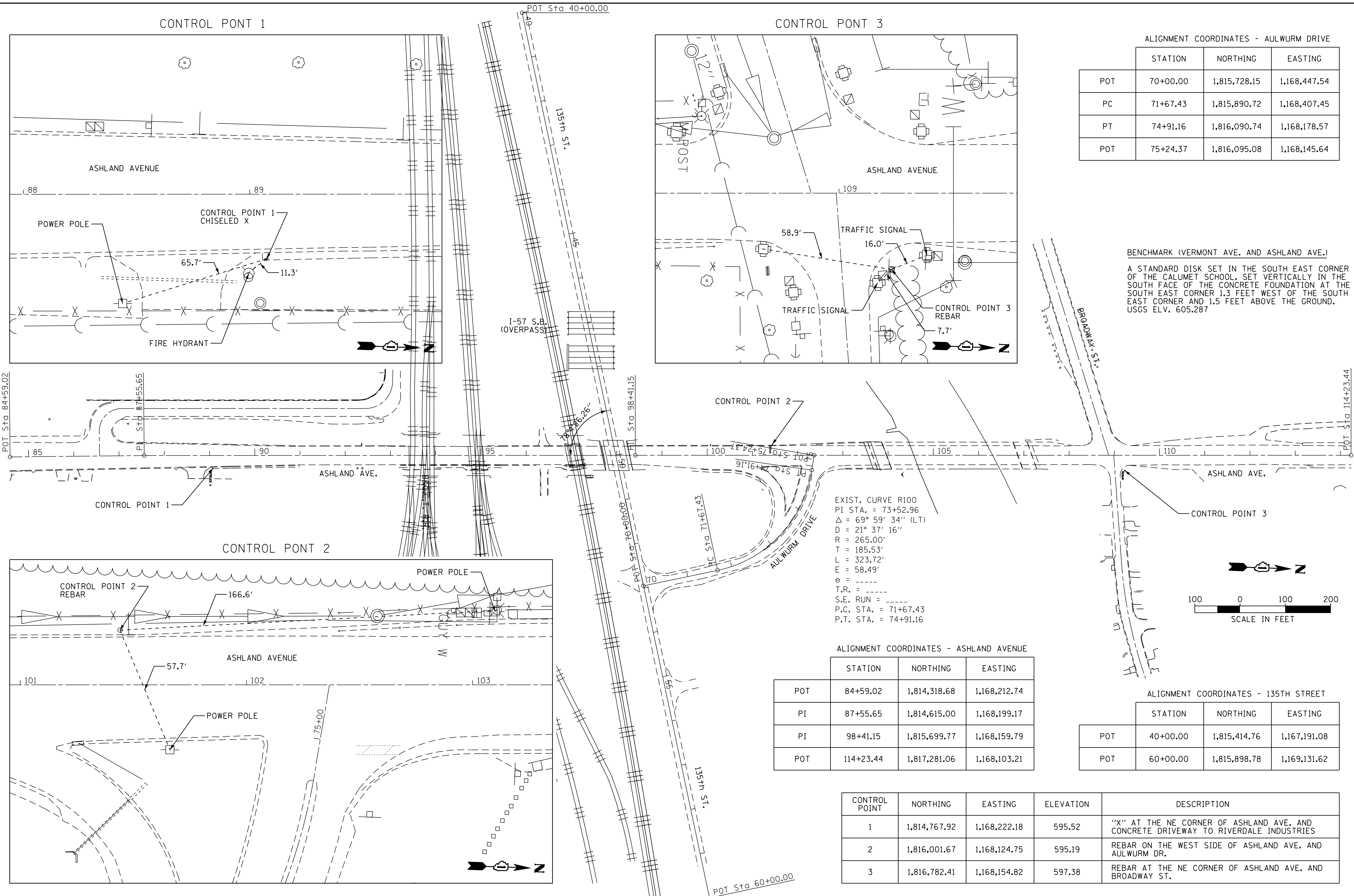
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
SCHEDULE OF QUANTITIES

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

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	20
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

M:\2017\17-29-000 EFK Moen IDDT DUR PTB 181-417-129-013 MD 13 Ashland Ave-135th St-Brdg Rem-1 on PW\Design For Printing On\17-29-000-CADD\CADD_Sheets\172154-sht-ATB.dgn



ALIGNMENT COORDINATES - AULWURM DRIVE

	STATION	NORTHING	EASTING
POT	70+00.00	1,815,728.15	1,168,447.54
PC	71+67.43	1,815,890.72	1,168,407.45
PT	74+91.16	1,816,090.74	1,168,178.57
POT	75+24.37	1,816,095.08	1,168,145.64

BENCHMARK (VERMONT AVE. AND ASHLAND AVE.)
 A STANDARD DISK SET IN THE SOUTH EAST CORNER OF THE CALUMET SCHOOL. SET VERTICALLY IN THE SOUTH FACE OF THE CONCRETE FOUNDATION AT THE SOUTH EAST CORNER 1.3 FEET WEST OF THE SOUTH EAST CORNER AND 1.5 FEET ABOVE THE GROUND. USGS ELV. 605.287

EXIST. CURVE R100
 PI STA. = 73+52.96
 $\Delta = 69^\circ 59' 34''$ (LT)
 $D = 21^\circ 37' 16''$
 $R = 265.00'$
 $T = 185.53'$
 $L = 323.72'$
 $E = 58.49'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 71+67.43$
 $P.T. \text{ STA.} = 74+91.16$

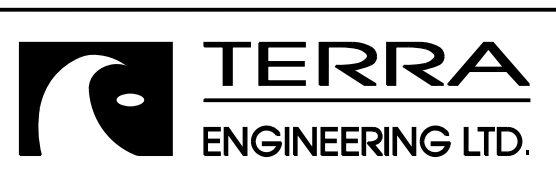
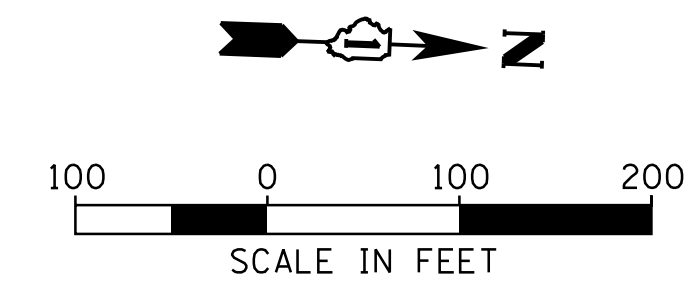
ALIGNMENT COORDINATES - ASHLAND AVENUE

	STATION	NORTHING	EASTING
POT	84+59.02	1,814,318.68	1,168,212.74
PI	87+55.65	1,814,615.00	1,168,199.17
PI	98+41.15	1,815,699.77	1,168,159.79
POT	114+23.44	1,817,281.06	1,168,103.21

ALIGNMENT COORDINATES - 135TH STREET

	STATION	NORTHING	EASTING
POT	40+00.00	1,815,414.76	1,167,191.08
POT	60+00.00	1,815,898.78	1,169,131.62

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1,814,767.92	1,168,222.18	595.52	"X" AT THE NE CORNER OF ASHLAND AVE. AND CONCRETE DRIVEWAY TO RIVERDALE INDUSTRIES
2	1,816,001.67	1,168,124.75	595.19	REBAR ON THE WEST SIDE OF ASHLAND AVE. AND AULWURM DR.
3	1,816,782.41	1,168,154.82	597.38	REBAR AT THE NE CORNER OF ASHLAND AVE. AND BROADWAY ST.



USER NAME = juonS	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

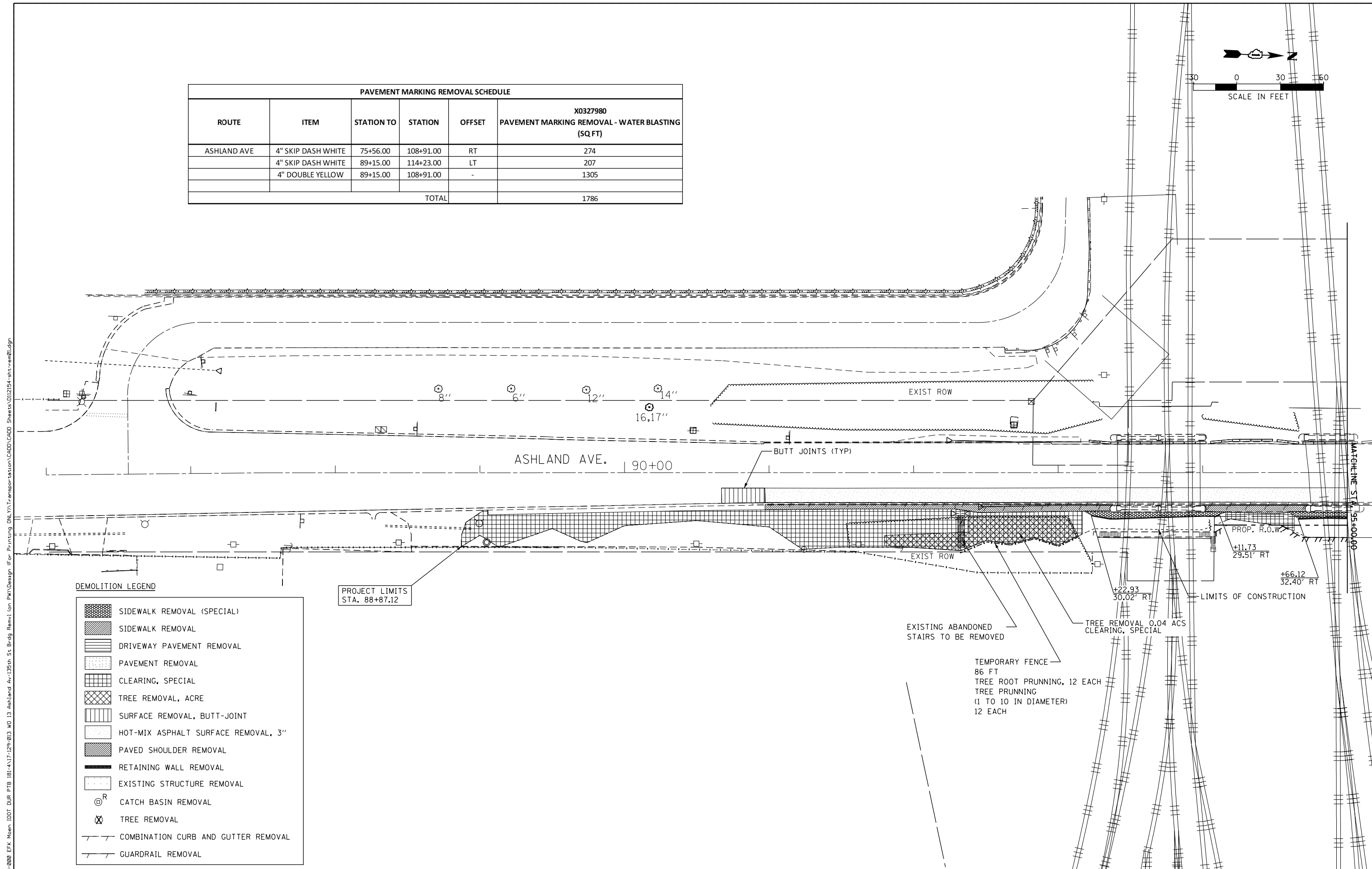
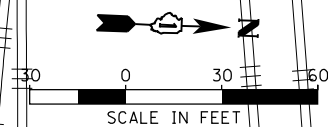
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 ALIGNMENT, TIES, BENCHMARKS AND CONTROL POINTS**

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

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 21
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING REMOVAL SCHEDULE					
ROUTE	ITEM	STATION TO	STATION	OFFSET	X0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)
ASHLAND AVE	4" SKIP DASH WHITE	75+56.00	108+91.00	RT	274
	4" SKIP DASH WHITE	89+15.00	114+23.00	LT	207
	4" DOUBLE YELLOW	89+15.00	108+91.00	-	1305
TOTAL					1786



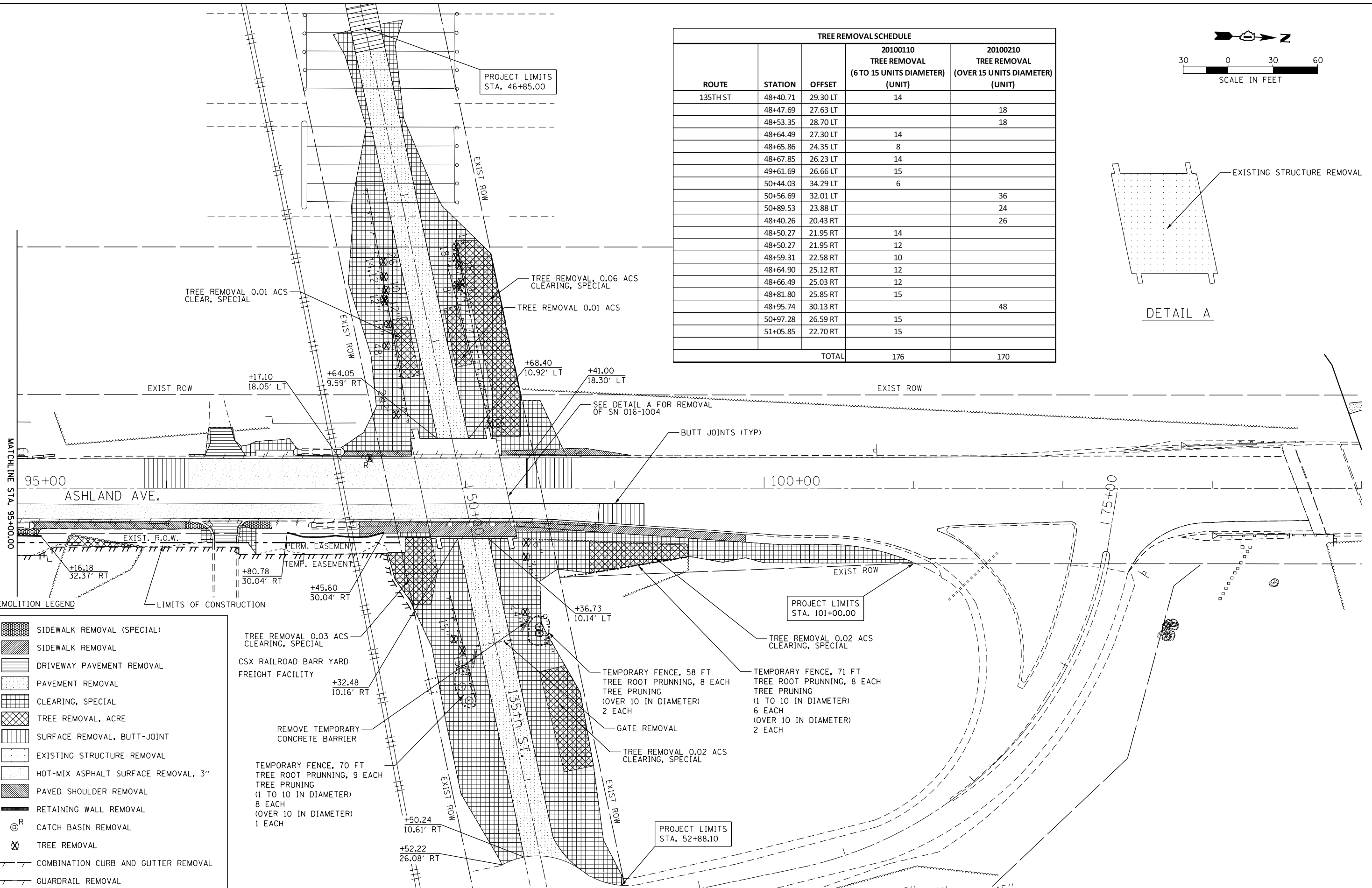
DEMOLITION LEGEND

	SIDEWALK REMOVAL (SPECIAL)
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT REMOVAL
	CLEARING, SPECIAL
	TREE REMOVAL, ACRE
	SURFACE REMOVAL, BUTT-JOINT
	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	PAVED SHOULDER REMOVAL
	RETAINING WALL REMOVAL
	EXISTING STRUCTURE REMOVAL
	CATCH BASIN REMOVAL
	TREE REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	GUARDRAIL REMOVAL

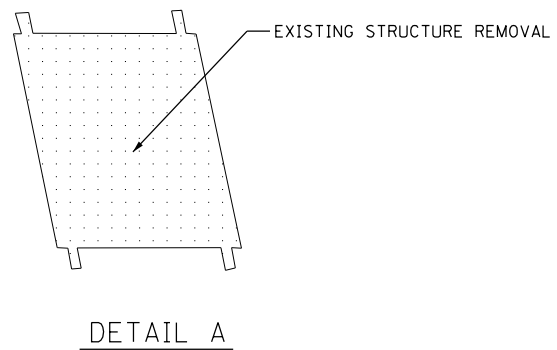
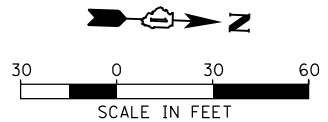
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	USER NAME = DavidL	DESIGNED - BCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL) EXISTING CONDITIONS AND DEMOLITION PLAN	F.A.U. R.T.E. = 2857	SECTION = 146B-BR	COUNTY = COOK	TOTAL SHEETS = 94	SHEET NO. = 22
	PLOT SCALE =	CHECKED - DPA	REVISED -			SCALE:	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 60484 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/11/2018	DATE = 10/17/14	REVISED -							

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TREE REMOVAL SCHEDULE				
ROUTE	STATION	OFFSET	20100110	20100210
			TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)	TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNIT)
135TH ST	48+40.71	29.30 LT	14	
	48+47.69	27.63 LT		18
	48+53.35	28.70 LT		18
	48+64.49	27.30 LT	14	
	48+65.86	24.35 LT	8	
	48+67.85	26.23 LT	14	
	49+61.69	26.66 LT	15	
	50+44.03	34.29 LT	6	
	50+56.69	32.01 LT		36
	50+89.53	23.88 LT		24
	48+40.26	20.43 RT		26
	48+50.27	21.95 RT	14	
	48+50.27	21.95 RT	12	
	48+59.31	22.58 RT	10	
	48+64.90	25.12 RT	12	
48+66.49	25.03 RT	12		
48+81.80	25.85 RT	15		
48+95.74	30.13 RT		48	
50+97.28	26.59 RT	15		
51+05.85	22.70 RT	15		
TOTAL			176	170



DEMOLITION LEGEND	
	SIDEWALK REMOVAL (SPECIAL)
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT REMOVAL
	CLEARING, SPECIAL
	TREE REMOVAL, ACRE
	SURFACE REMOVAL, BUTT-JOINT
	EXISTING STRUCTURE REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	PAVED SHOULDER REMOVAL
	RETAINING WALL REMOVAL
	CATCH BASIN REMOVAL
	TREE REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL
	GUARDRAIL REMOVAL

TREE REMOVAL 0.06 ACS CLEARING, SPECIAL
 TREE REMOVAL 0.01 ACS CLEAR, SPECIAL
 TREE REMOVAL 0.01 ACS
 TREE REMOVAL 0.03 ACS CLEARING, SPECIAL
 CSX RAILROAD BARR YARD FREIGHT FACILITY
 TREE REMOVAL 0.02 ACS CLEARING, SPECIAL
 TREE REMOVAL 0.02 ACS CLEARING, SPECIAL
 TREE REMOVAL 0.02 ACS CLEARING, SPECIAL
 TEMPORARY FENCE, 58 FT TREE ROOT PRUNNING, 8 EACH TREE PRUNING (OVER 10 IN DIAMETER) 2 EACH
 GATE REMOVAL
 TEMPORARY FENCE, 71 FT TREE ROOT PRUNNING, 8 EACH TREE PRUNING (1 TO 10 IN DIAMETER) 6 EACH (OVER 10 IN DIAMETER) 2 EACH
 TEMPORARY FENCE, 70 FT TREE ROOT PRUNNING, 9 EACH TREE PRUNING (1 TO 10 IN DIAMETER) 8 EACH (OVER 10 IN DIAMETER) 1 EACH
 REMOVE TEMPORARY CONCRETE BARRIER
 BUTT JOINTS (TYP)
 SEE DETAIL A FOR REMOVAL OF SN 016-1004



USER NAME = DavidL	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

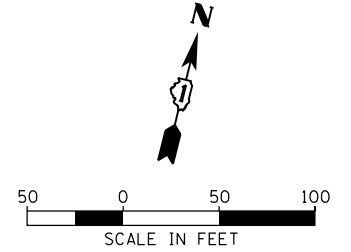
135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

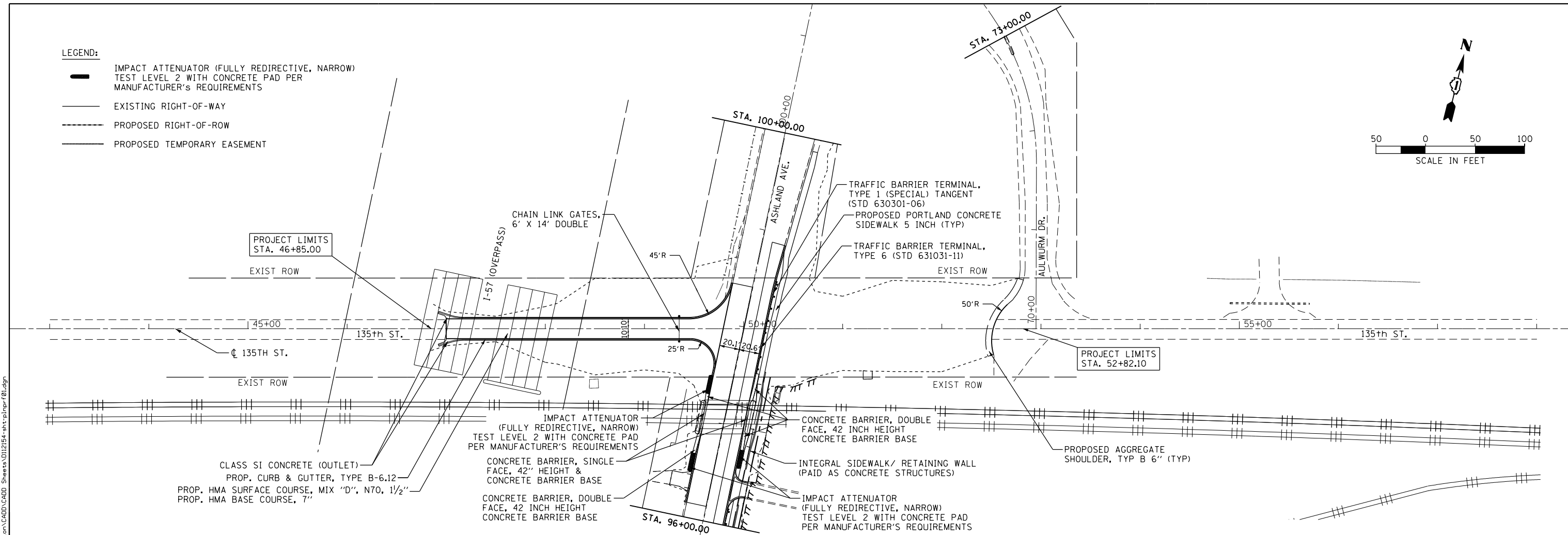
F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 23
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

LEGEND:

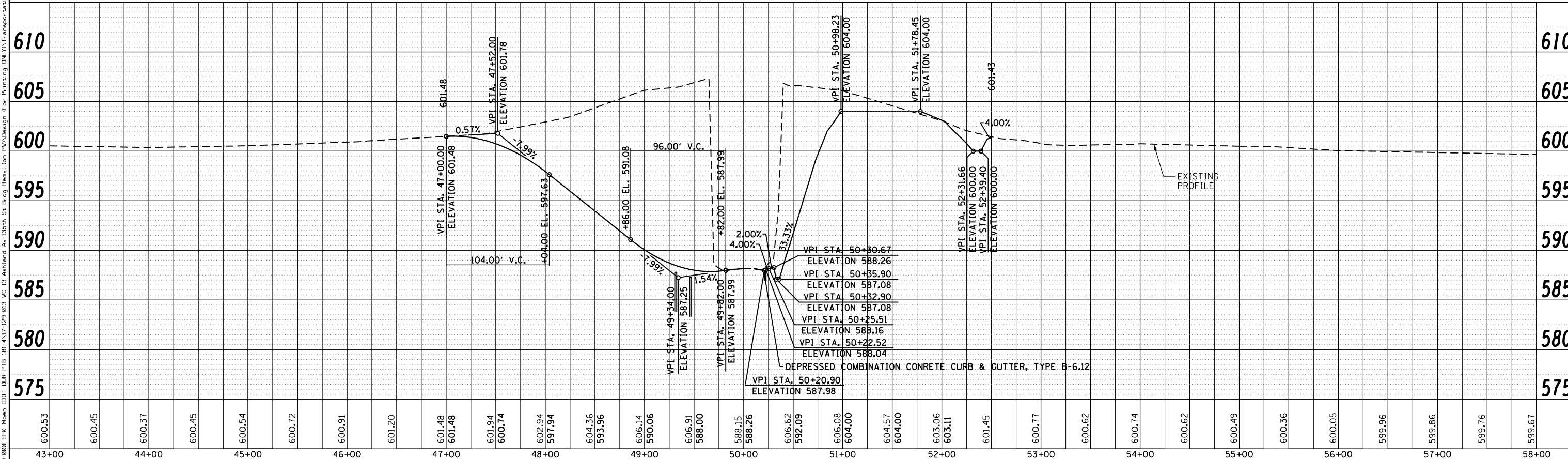
-  IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW)
TEST LEVEL 2 WITH CONCRETE PAD PER MANUFACTURER'S REQUIREMENTS
-  EXISTING RIGHT-OF-WAY
-  PROPOSED RIGHT-OF-WAY
-  PROPOSED TEMPORARY EASEMENT

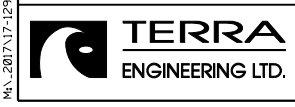


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PLAN	
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


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PROFILE	
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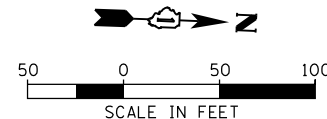


	USER NAME = D:\david	DESIGNED - BCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL) 135TH STREET PLAN & PROFILE	F.A.U. RT. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 24
	PLOT SCALE = 100.0000' / 1"	CHECKED - DPA	REVISED -			SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.	CONTRACT NO. 60484			ILLINOIS FED. AID PROJECT
	PLOT DATE = 10/17/2018	DATE = 10/17/14	REVISED -							

MA_20171129-088 EFK Momen IDOT DUR PTB 181-417-129-813 MO 13 Ashland Av-135th St. Bldg. Remol (on PAV) Design For Printing DNL V:\Transportation\CADD\CADD Sheets\012154-ant-pl-p-r-01.dgn

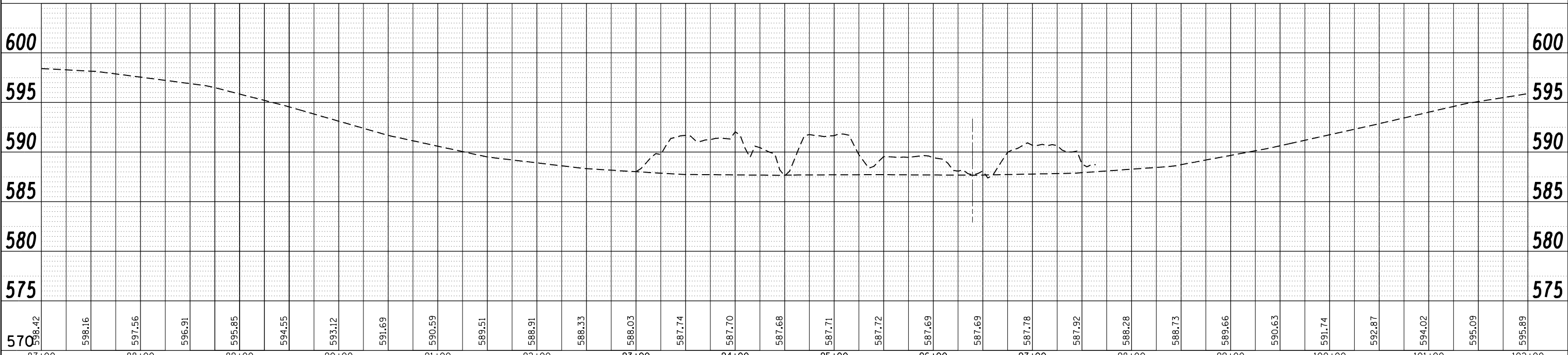
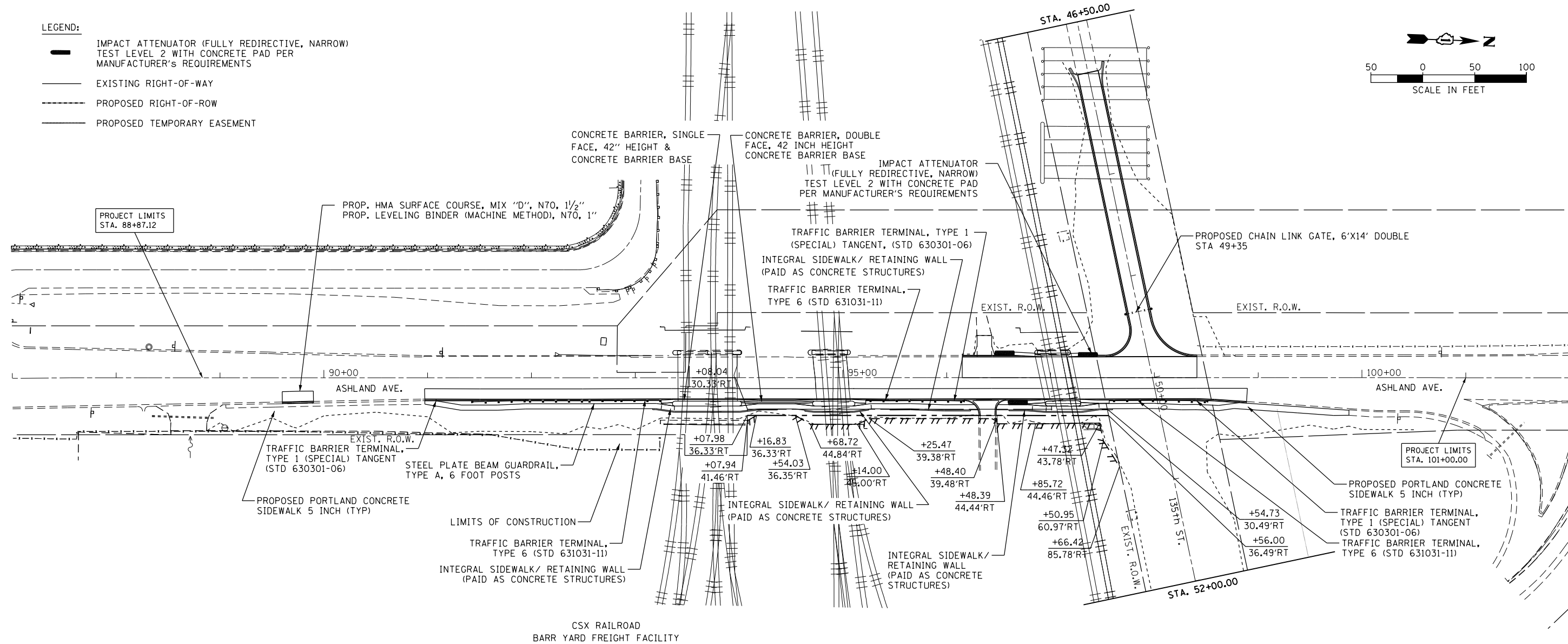
LEGEND:

-  IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW)
TEST LEVEL 2 WITH CONCRETE PAD PER
MANUFACTURER'S REQUIREMENTS
-  EXISTING RIGHT-OF-WAY
-  PROPOSED RIGHT-OF-WAY
-  PROPOSED TEMPORARY EASEMENT



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	PAID	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	



USER NAME = DavidL	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - DPA	REVISED -
PLOT DATE = 10/11/2018	DATE - 10/17/14	REVISED -

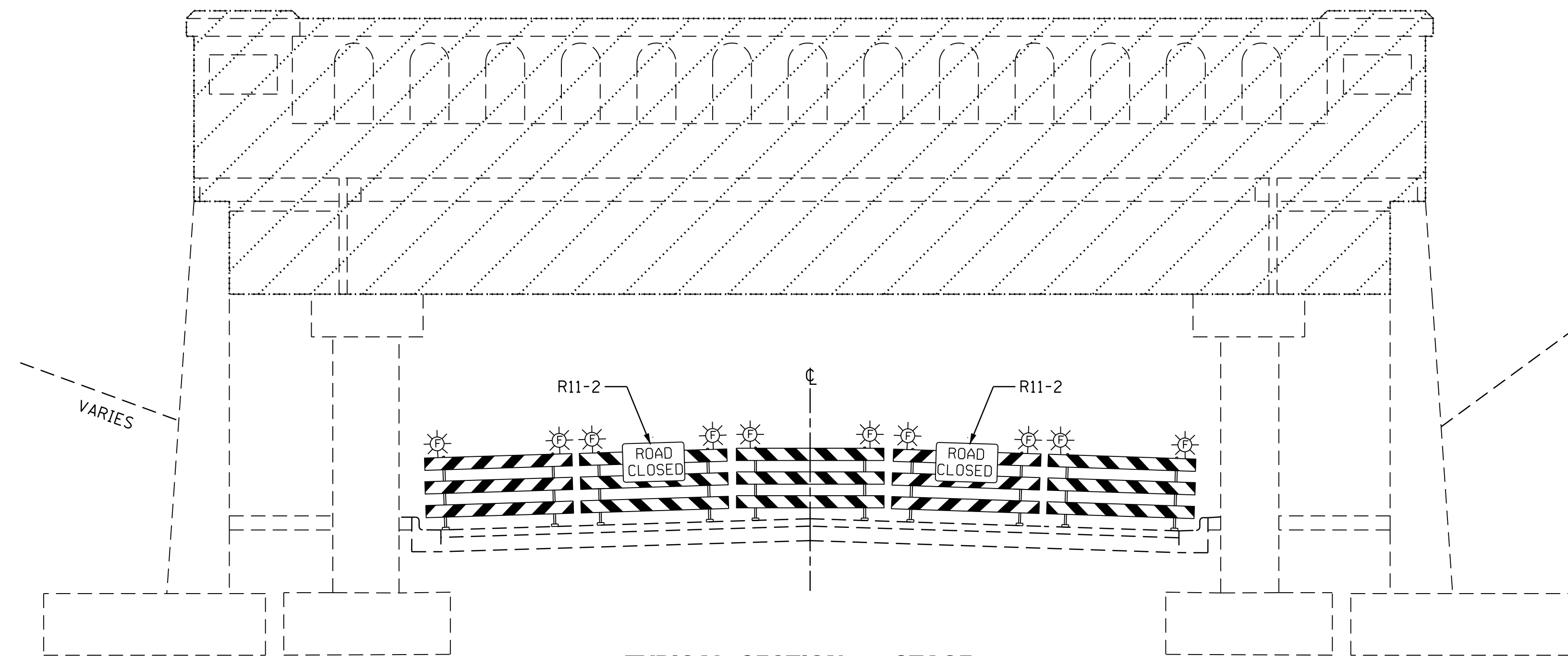
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
ASHLAND AVENUE PLAN & PROFILE**

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 25
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

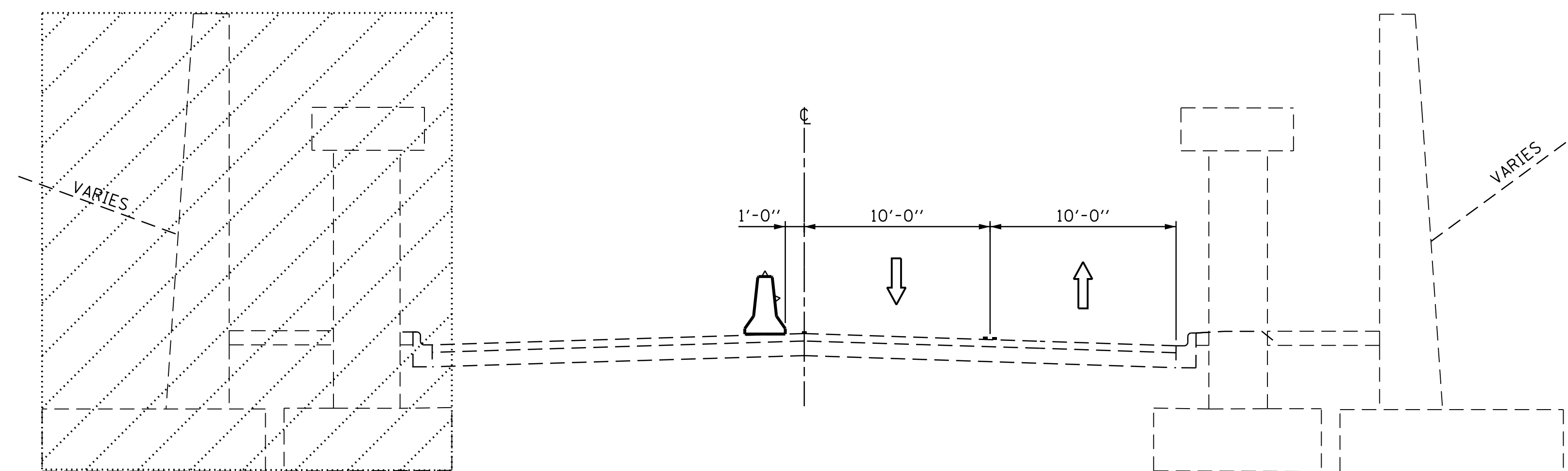
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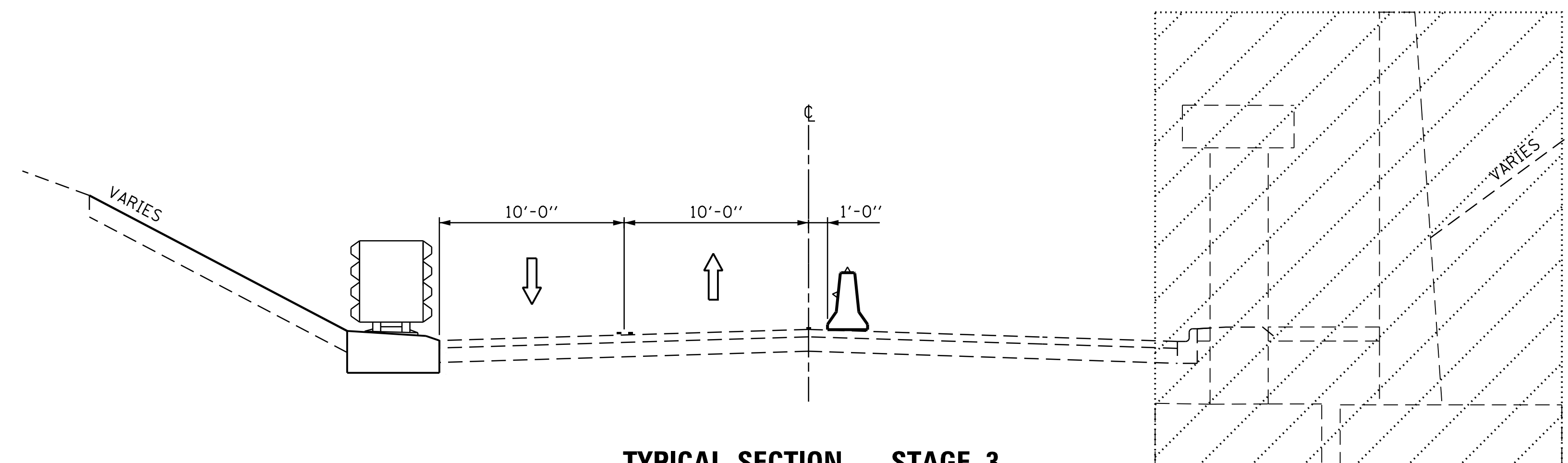
TYPICAL SECTION - STAGE 1

STATION 87+75 TO 99+87.5



TYPICAL SECTION - STAGE 2

STATION 87+75 TO 99+87.5



TYPICAL SECTION - STAGE 3

STATION 87+75 TO 99+87.5

PRE-CONSTRUCTION

1. VERIFY ALL UTILITIES THAT INTERFERE WITH DEMOLITION OR CONSTRUCTION OF THE PROJECT HAVE BEEN RELOCATED.

STAGE 1

CONSTRUCTION

1. REMOVE EXISTING BRIDGE DECK AND BEAMS OF STRUCTURE NUMBER 016-1004.
2. ALLOWABLE TIMES FOR REMOVAL OF SUPERSTRUCTURE SHALL BE BETWEEN 10 AM - 4 PM.
3. INSTALL TEMPORARY CONCRETE BARRIER WALL ON 135TH ST AS SHOWN ON THE PLANS PRIOR TO REMOVAL OF EXISTING BRIDGE DECK

TRAFFIC

ASHLAND AVENUE

1. CLOSE ASHLAND AVE AND DETOUR USING WEEKEND CLOSURE. FOLLOW STAGE 1 DETOUR AND IDOT DISTRICT STANDARD DETAIL TC-21.

135TH STREET

1. CLOSE 135TH ST AS SHOWN ON THE PLANS.

STAGE 2

CONSTRUCTION

1. REMOVE EXISTING PIERS AND ABUTMENTS ON THE WEST SIDE OF STRUCTURE NUMBER 016-1004.
2. PERFORM REMOVAL WORK ON WEST SIDE OF ASHLAND AVE AND 135TH ST.
3. RE-GRADE WEST SIDE OF ASHLAND AVENUE AND 135TH ST.
4. CONSTRUCT THE PROPOSED DRIVEWAY ON THE WEST SIDE OF ASHLAND AVENUE.
5. CONSTRUCT SAFETY IMPROVEMENTS FOR NORTH CSX BRIDGE.
6. WEST SIDE OF ASHLAND AVENUE PAVING WORK

TRAFFIC

ASHLAND AVENUE

1. CLOSE OUTSIDE NB AND SB LANES ALONG ASHLAND AVE AND TAPER TRAFFIC TO THE EAST SIDE AND MAINTAIN AS SHOWN ON THE PLANS.

135TH STREET

1. CLOSE 135TH ST AS SHOWN ON THE PLANS.

PERMANENT SEEDING/STABILIZATION OF ALL AREAS DISTURBED BY STAGE 2 WORK SHALL BE COMPLETED BEFORE TRAFFIC IS MOVED FOR STAGE 3 CONSTRUCTION.

STAGE 3

CONSTRUCTION

1. REMOVE EXISTING PIERS AND ABUTMENTS ON THE EAST SIDE OF STRUCTURE NUMBER 016-1004.
2. PERFORM REMOVAL WORK ON EAST SIDE OF ASHLAND AVE AND 135TH ST.
3. CONSTRUCT PROPOSED CURB & GUTTER AND CONCRETE BARRIER BASE ON EAST SIDE OF ASHLAND AVE AND 135TH ST.
4. RE-GRADE EAST SIDE OF ASHLAND AVE.
5. CONSTRUCT THE PROPOSED RETAINING WALLS ON THE EAST SIDE OF ASHLAND AVE.
6. CONSTRUCT THE PROPOSED SIDEWALK ON THE EAST SIDE OF ASHLAND AVE AND 135TH ST.
7. CONSTRUCT THE PROPOSED GUARDRAIL ON THE EAST SIDE OF ASHLAND AVE.
8. CONSTRUCT THE PROPOSED DRIVEWAY ON THE EAST SIDE OF ASHLAND AVE.

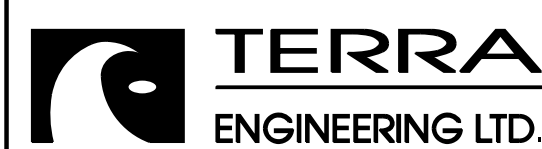
TRAFFIC

ASHLAND AVENUE

1. CLOSE OUTSIDE NB AND INSIDE SB LANES ALONG ASHLAND AVE AND TAPER TRAFFIC TO THE WEST SIDE AND MAINTAIN AS SHOWN ON THE PLANS.

135TH STREET

1. CLOSE 135TH ST AS SHOWN ON THE PLANS.



USER NAME = juonS	DESIGNED - BCB	REVISED -
DRAWN - BCB	REVISIONS -	
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

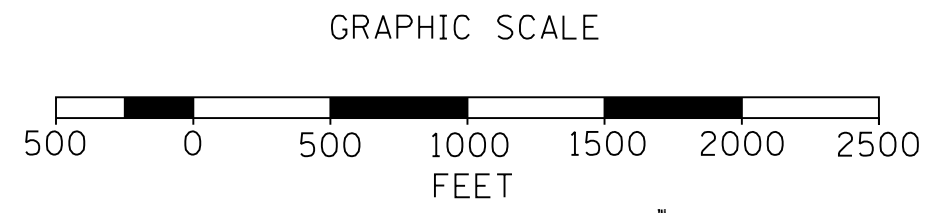
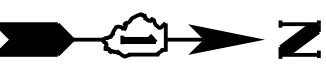
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
NOT TYPICAL SECTIONS AND GENERAL NOTES

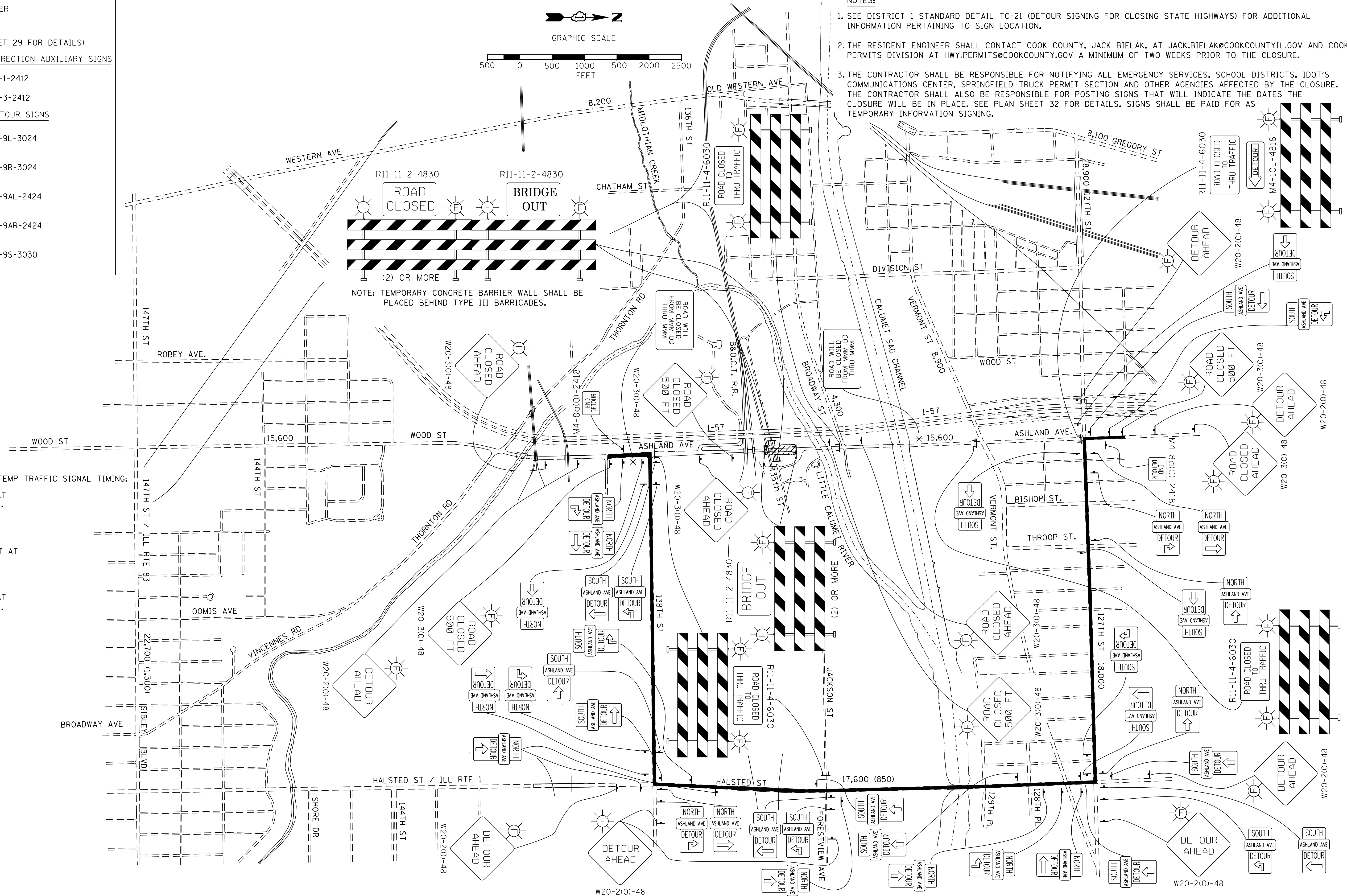
SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	26
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

ROUTE MARKER	
ASHLAND AVE *	
* (SEE SHEET 29 FOR DETAILS)	
CARDINAL DIRECTION AUXILIARY SIGNS	
NORTH	M3-1-2412
SOUTH	M3-3-2412
ARROW & DETOUR SIGNS	
DETOUR (left arrow)	M4-9L-3024
DETOUR (right arrow)	M4-9R-3024
DETOUR (left arrow, U-turn)	M4-9AL-2424
DETOUR (right arrow, U-turn)	M4-9AR-2424
DETOUR (up arrow)	M4-9S-3030



- NOTES:**
- SEE DISTRICT 1 STANDARD DETAIL TC-21 (DETOUR SIGNING FOR CLOSING STATE HIGHWAYS) FOR ADDITIONAL INFORMATION PERTAINING TO SIGN LOCATION.
 - THE RESIDENT ENGINEER SHALL CONTACT COOK COUNTY, JACK BIELAK, AT JACK.BIELAK@COOKCOUNTYIL.GOV AND COOK COUNTY PERMITS DIVISION AT HWY.PERMITS@COOKCOUNTY.GOV A MINIMUM OF TWO WEEKS PRIOR TO THE CLOSURE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, IDOT'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE. SEE PLAN SHEET 32 FOR DETAILS. SIGNS SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

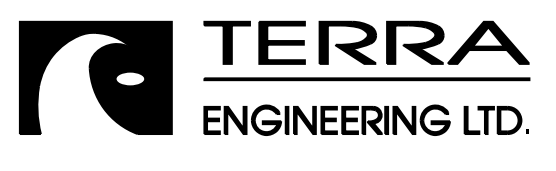


NOTE: TEMPORARY CONCRETE BARRIER WALL SHALL BE PLACED BEHIND TYPE III BARRICADES.

LOCATIONS OF TEMP TRAFFIC SIGNAL TIMING:

- 127TH STREET AT ASHLAND AVE, BISHOP ST, THROOP AVE, HALSTED ST.
- HALSTED STREET AT VERMONT ST, JACKSON ST, 138TH ST.
- 138TH STREET AT ASHLAND AVE.

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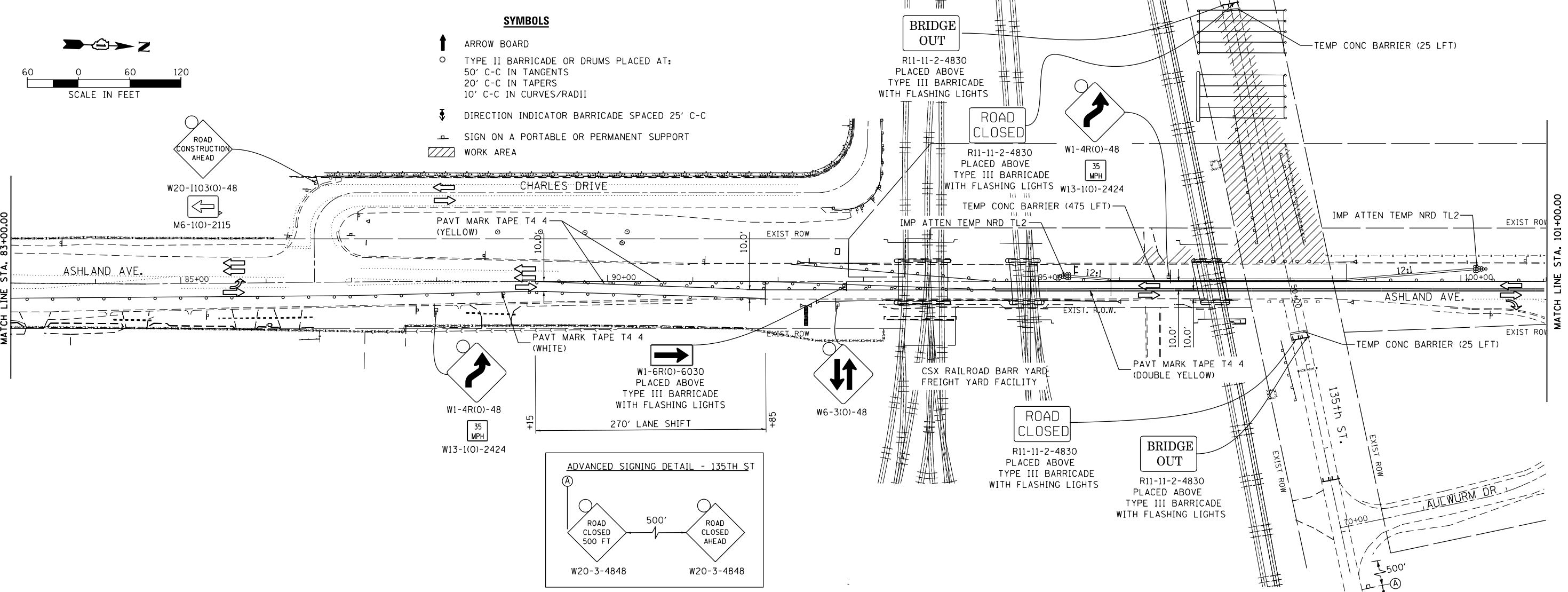
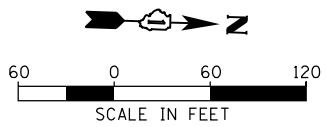
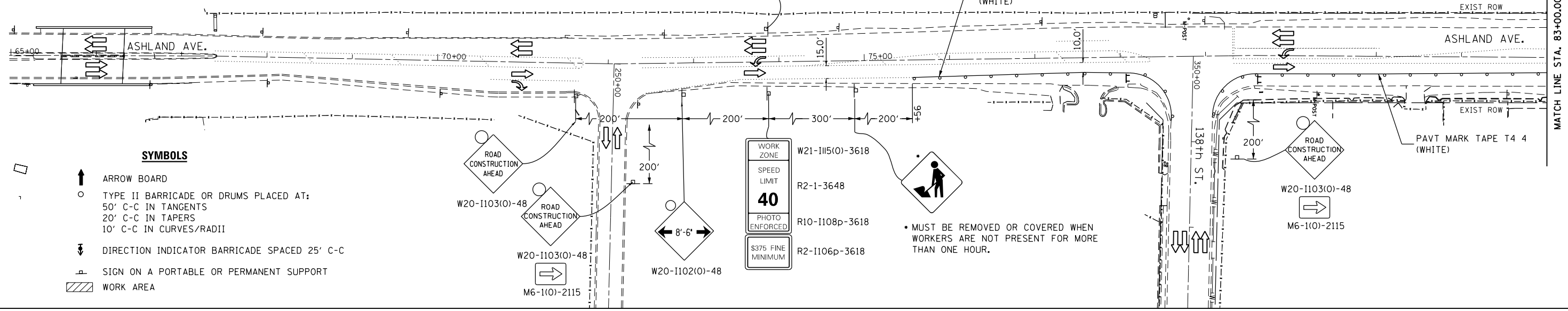
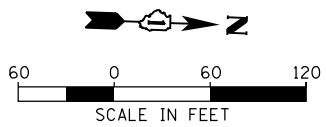
USER NAME =	JuanS
DESIGNED -	BCB
DRAWN -	BCB
PLOT SCALE =	
CHECKED -	DPA
DATE -	10/17/14
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
MOT DETOUR SIGNING FOR CLOSING ASHLAND AVENUE - STAGE 1**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	27
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



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USER NAME = DavidL	DESIGNED - BCB	REVISED -
DRAWN - BCB	REVISED -	
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

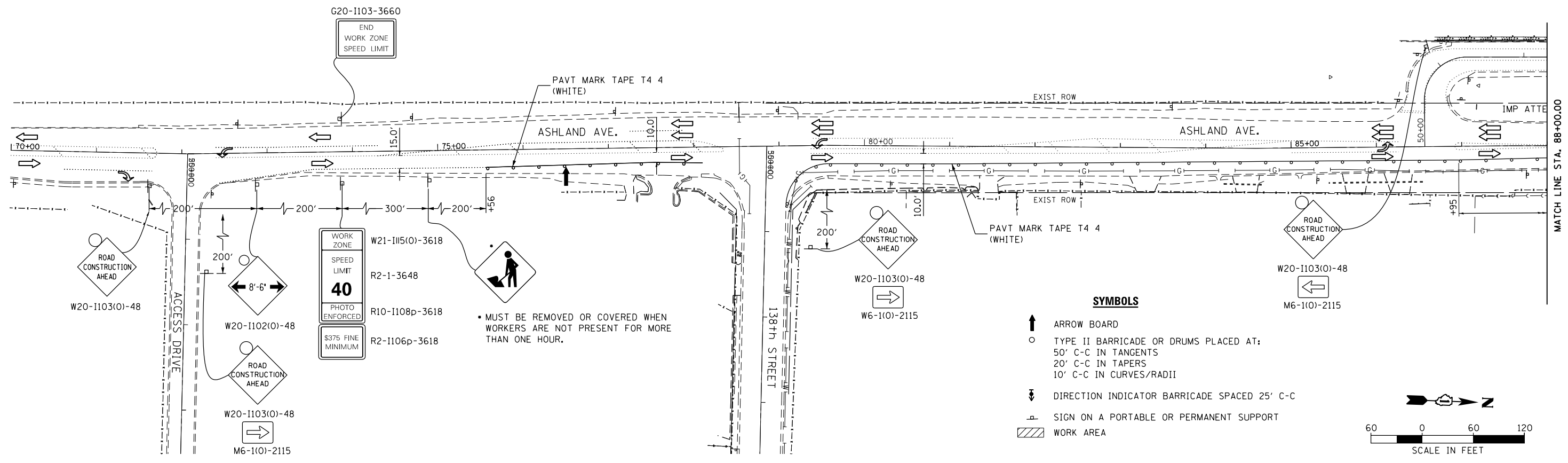
**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
MAINTENANCE OF TRAFFIC - STAGE 2**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. R.T.E. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 28
CONTRACT NO. 60484				

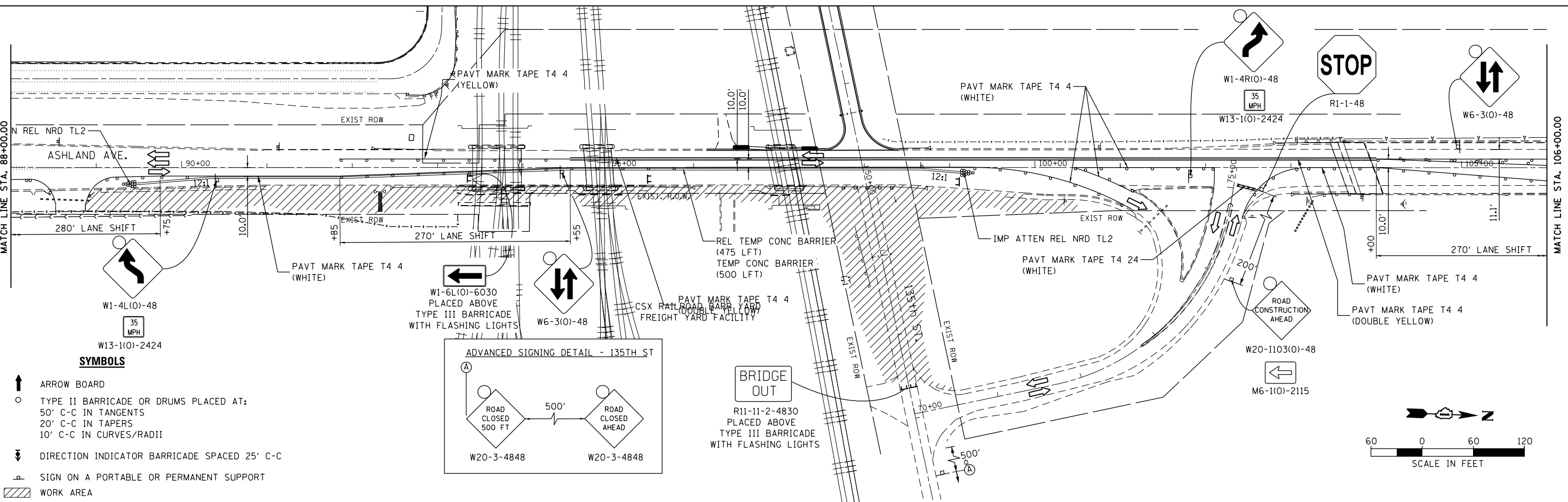
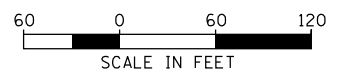
ILLINOIS FED. AID PROJECT

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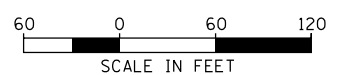
SYMBOLS

- ↑ ARROW BOARD
- TYPE II BARRICADE OR DRUMS PLACED AT:
50' C-C IN TANGENTS
20' C-C IN TAPERS
10' C-C IN CURVES/RADII
- ⇄ DIRECTION INDICATOR BARRICADE SPACED 25' C-C
- ▭ SIGN ON A PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA



SYMBOLS

- ↑ ARROW BOARD
- TYPE II BARRICADE OR DRUMS PLACED AT:
50' C-C IN TANGENTS
20' C-C IN TAPERS
10' C-C IN CURVES/RADII
- ⇄ DIRECTION INDICATOR BARRICADE SPACED 25' C-C
- ▭ SIGN ON A PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA



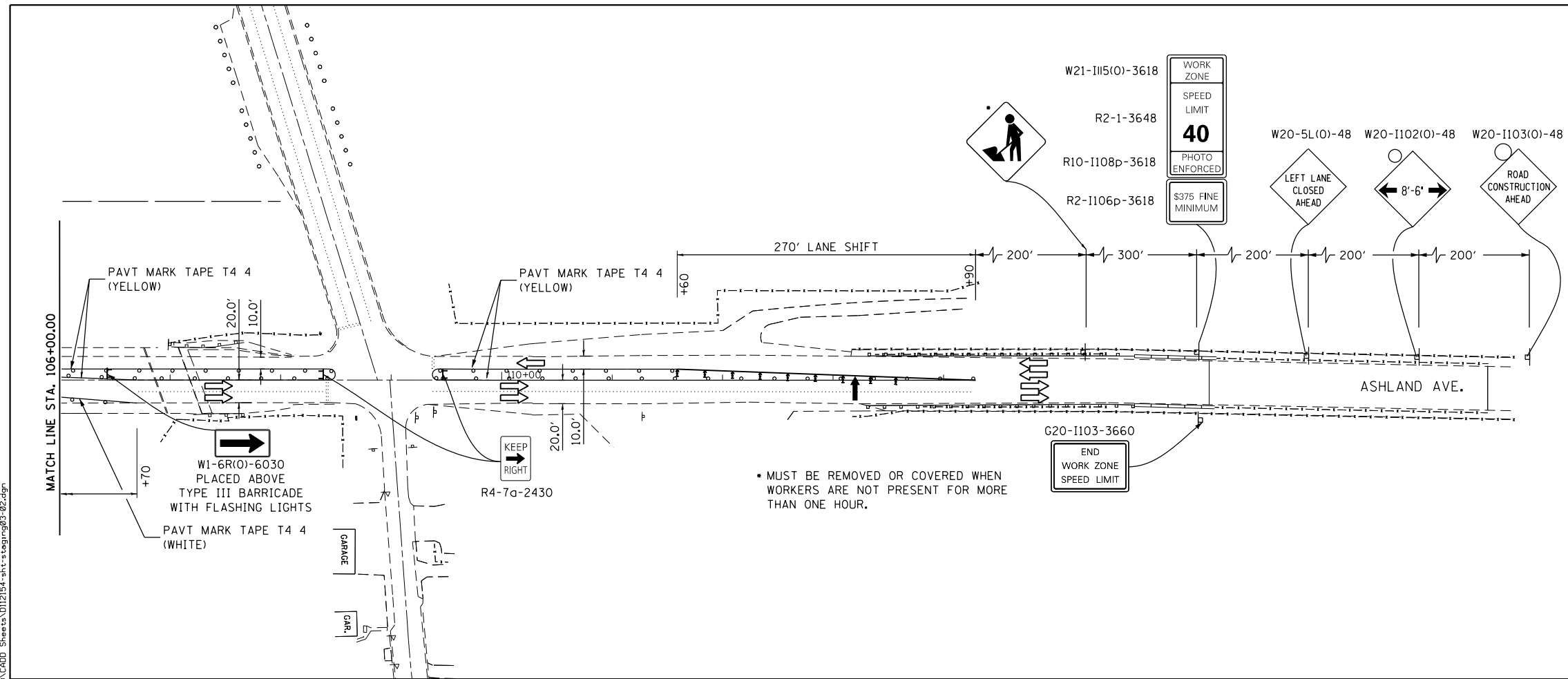
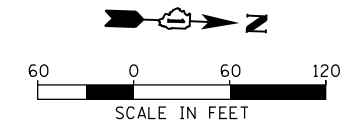
USER NAME = DavidL	DESIGNED - BCB	REVISED -
DRAWN - BCB	REVISOR -	REVISOR -
CHECKED - DPA	REVISOR -	REVISOR -
DATE - 10/17/14	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
MAINTENANCE OF TRAFFIC - STAGE 3**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

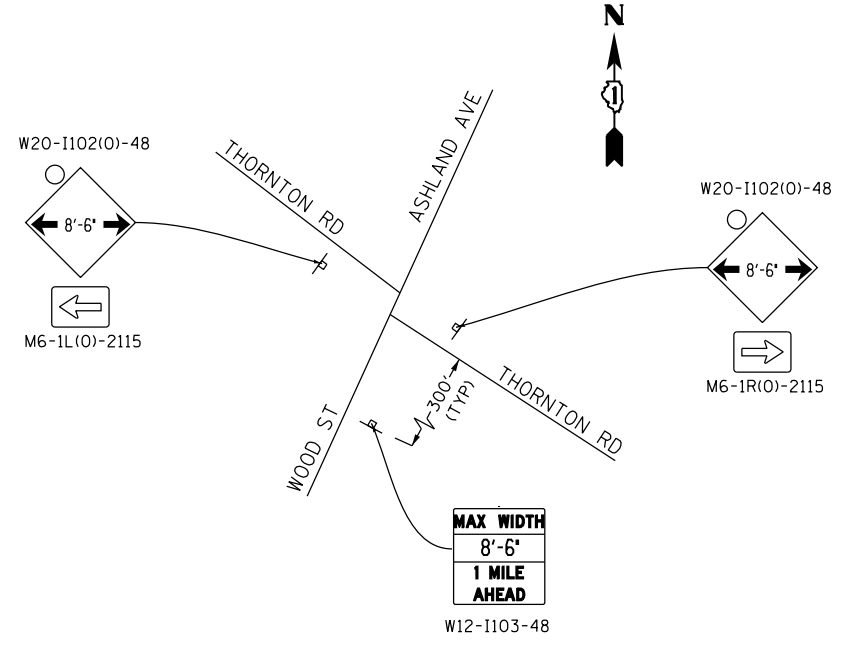
F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 30
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



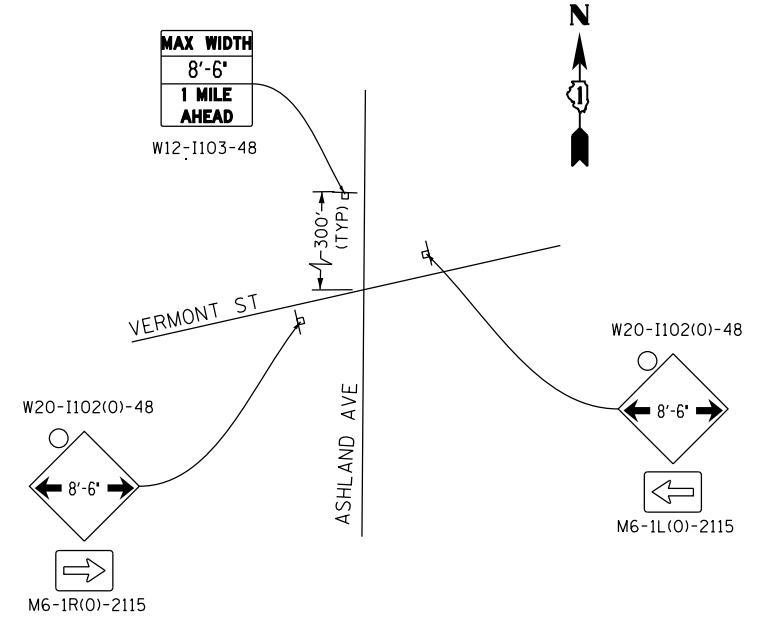
MUST BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

- SYMBOLS**
- ↑ ARROW BOARD
 - TYPE II BARRICADE OR DRUMS PLACED AT:
50' C-C IN TANGENTS
20' C-C IN TAPERS
10' C-C IN CURVES/RADII
 - ↓ DIRECTION INDICATOR BARRICADE SPACED 25' C-C
 - ▬ SIGN ON A PORTABLE OR PERMANENT SUPPORT
 - ▨ WORK AREA

**WIDTH RESTRICTION
SIGNING FOR
NB TRAFFIC**



**WIDTH RESTRICTION
SIGNING FOR
SB TRAFFIC**



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USER NAME = DavidL	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/11/2018	DATE - 10/17/14	REVISED -

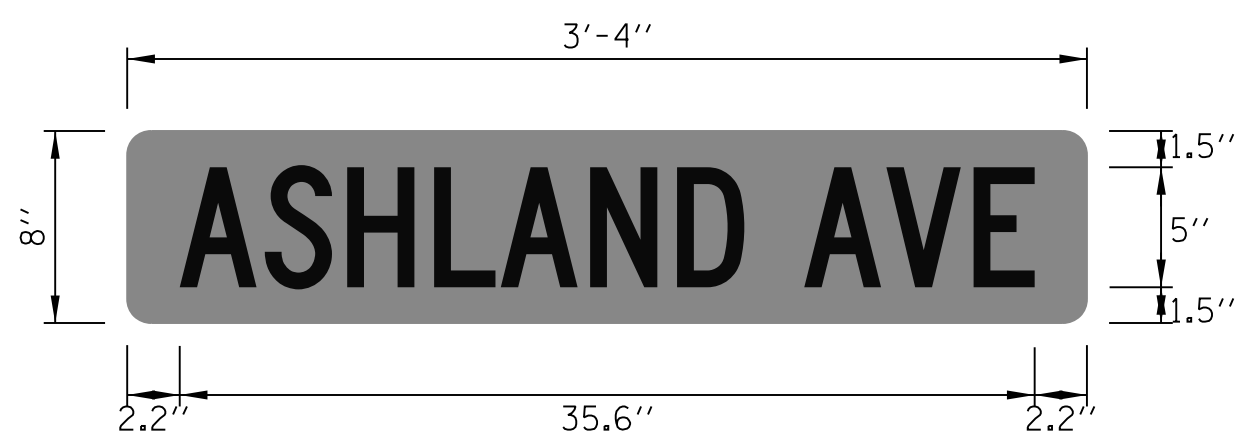
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
MAINTENANCE OF TRAFFIC - STAGE 3**

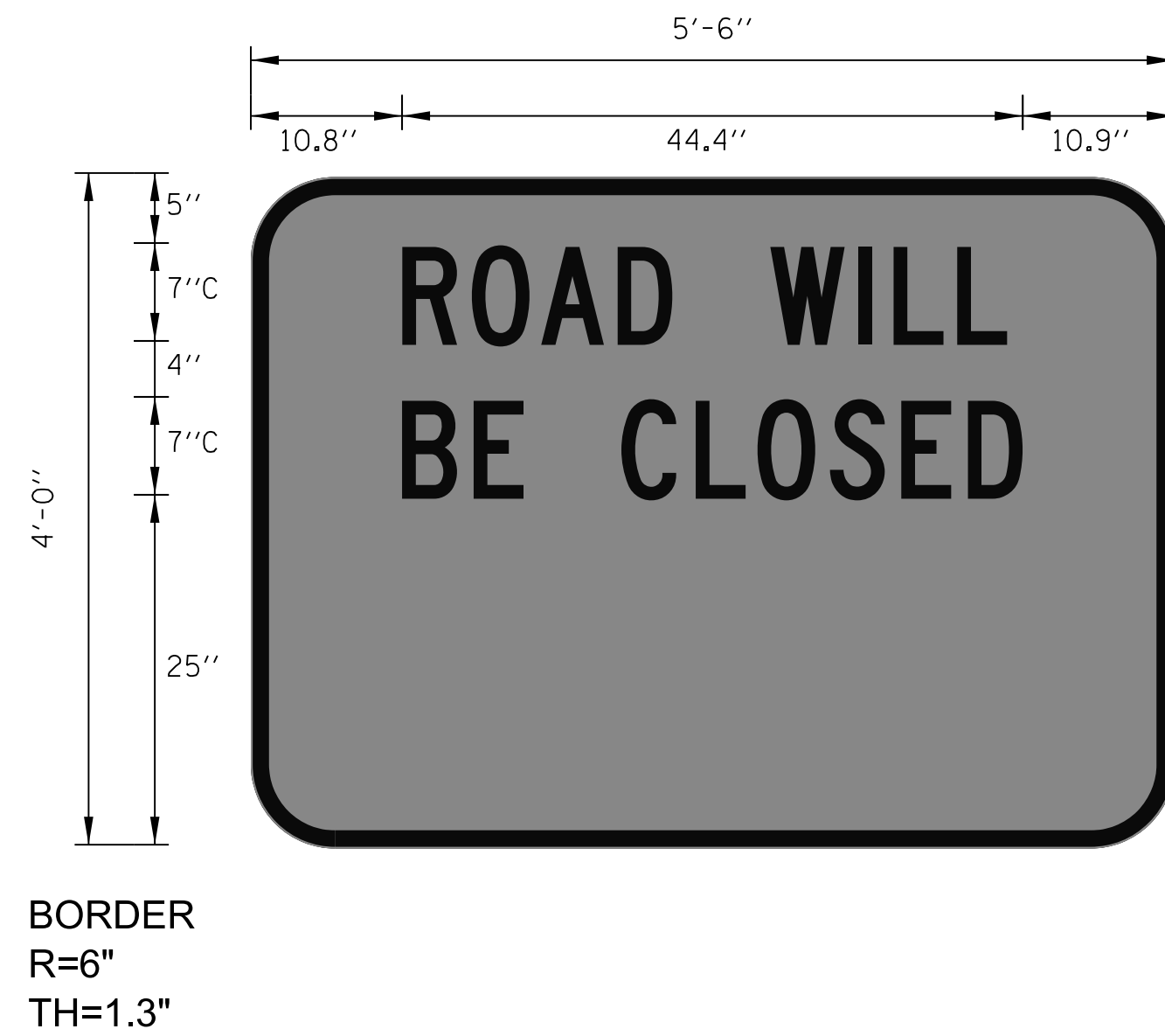
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 31
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

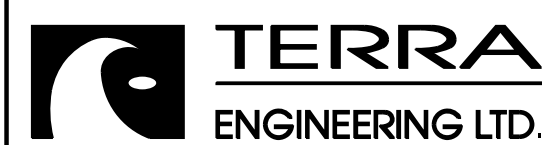
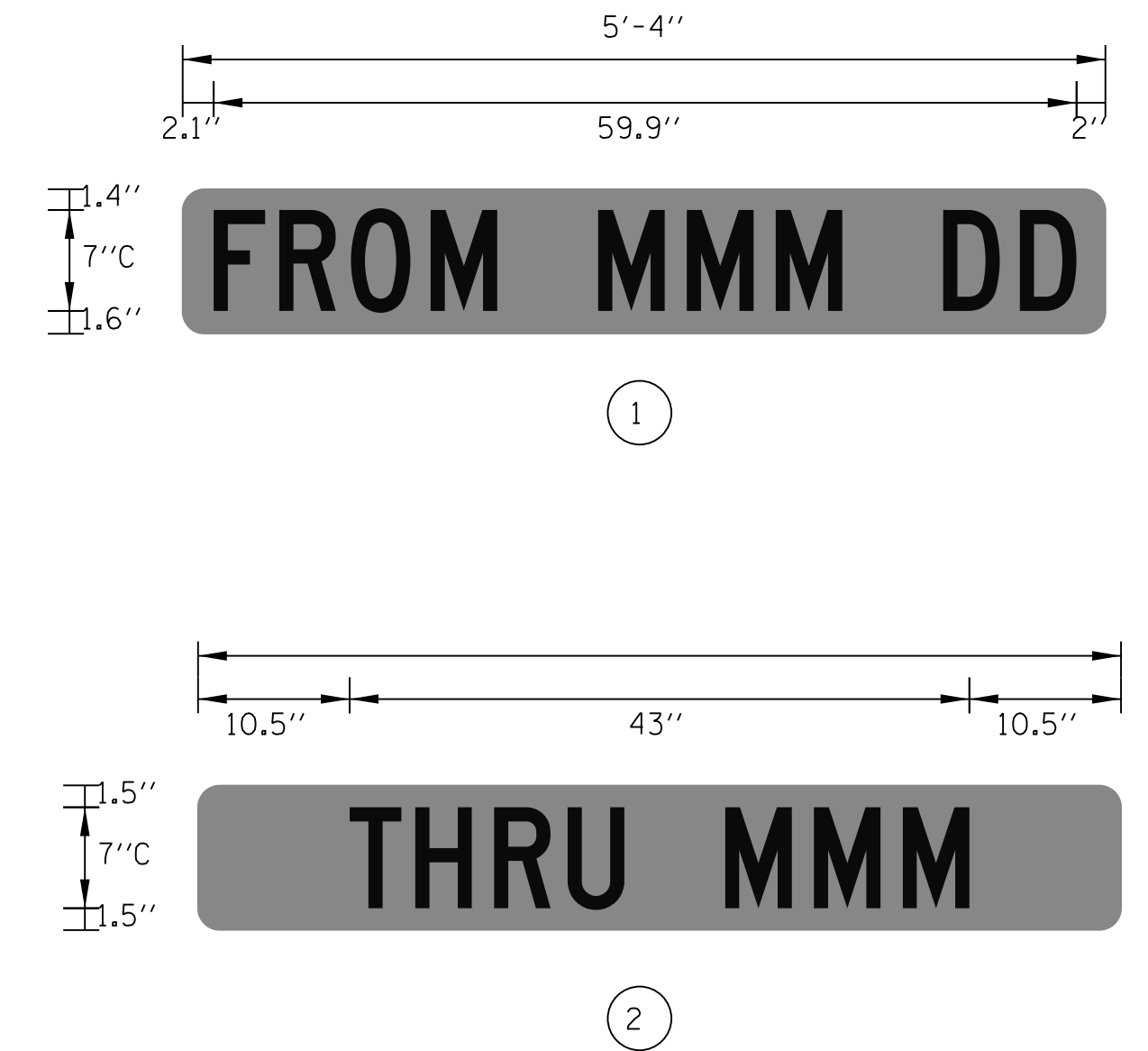
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NOTES:
 1 5" BLACK LETTERS ON ORANGE BACKGROUND



NOTES:
 1 OVERLAY PANEL ① TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION. (I.E. "FROM APR 2")
 2 OVERLAY PANEL ② TO CONTAIN ENDING MONTH OF FULL CLOSURE AND DETOUR (I.E. "THRU JULY"). OMIT THE DATE ON PANEL ②; MONTH ONLY.
 3 ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS ① AND ② IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AFTER CLOSURE.



USER NAME = juonS	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

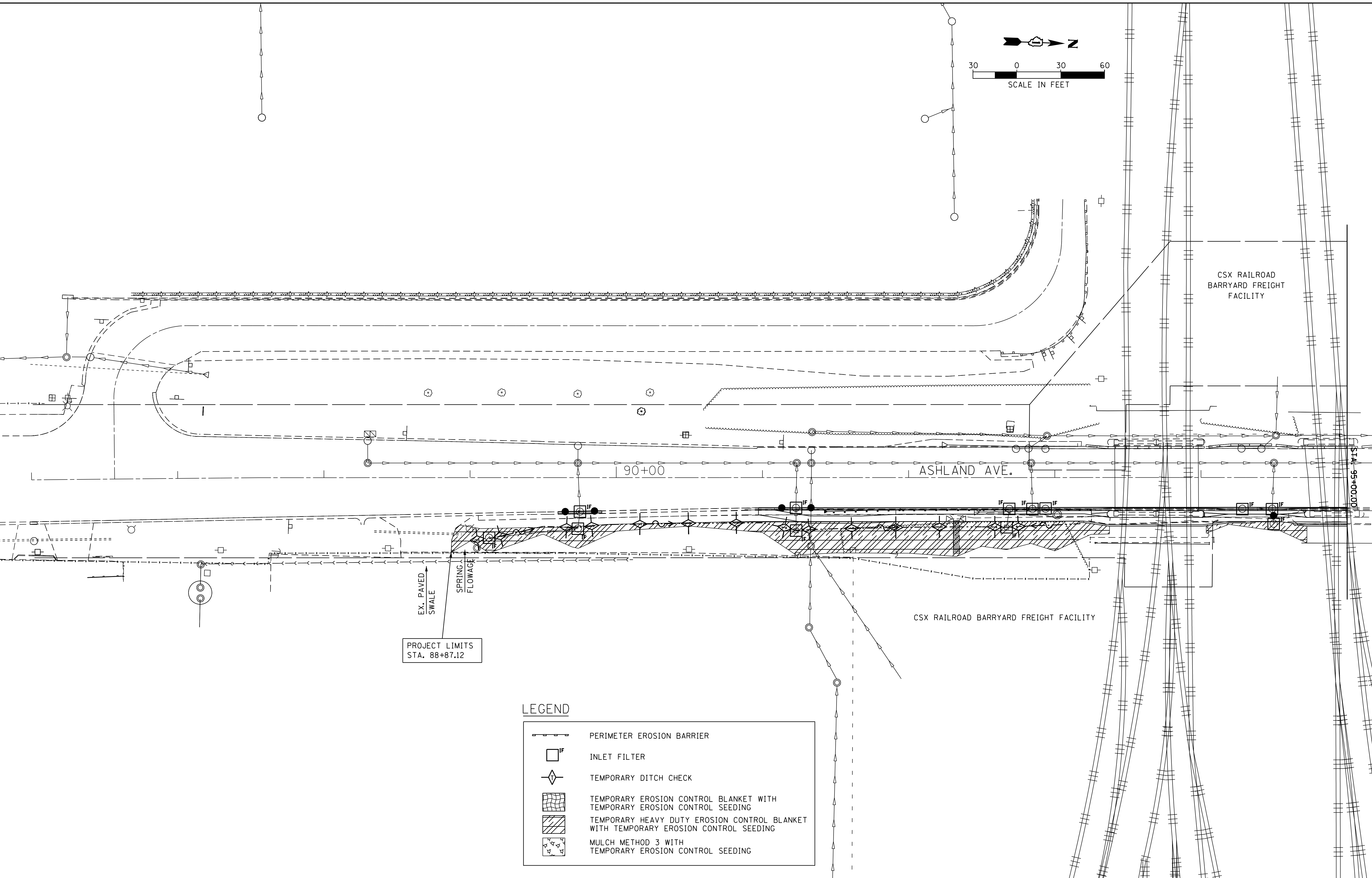
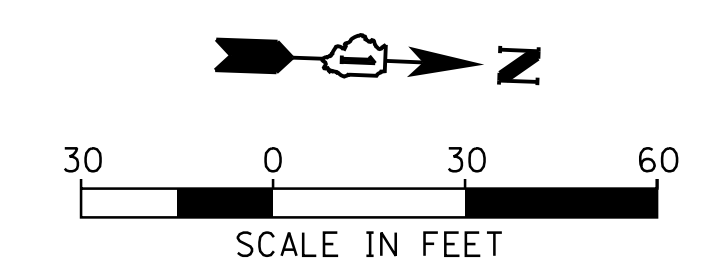
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 MAINTENANCE OF TRAFFIC TEMPORARY SIGN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	32
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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PROJECT LIMITS
STA. 88+87.12

LEGEND

	PERIMETER EROSION BARRIER
	INLET FILTER
	TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
	MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING

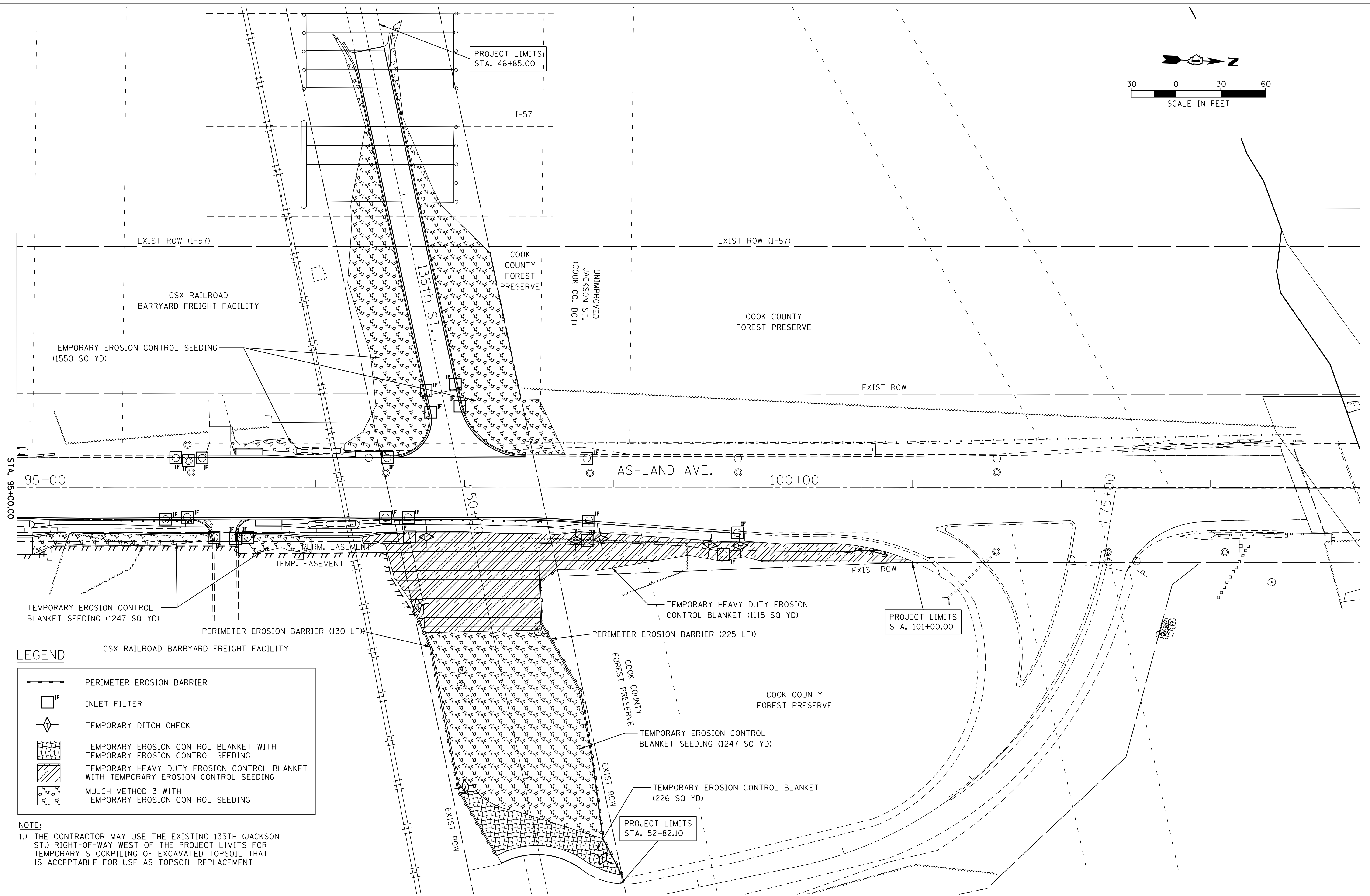
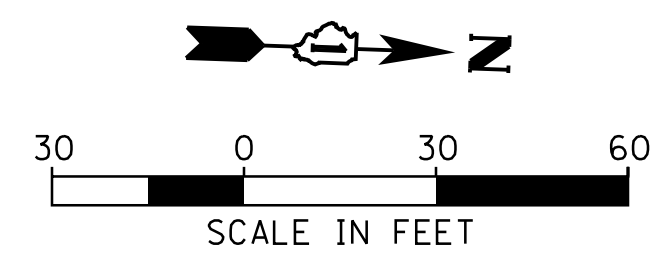
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PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
TEMPORARY EROSION & SEDIMENT CONTROL PLAN**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 33
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



LEGEND

	PERIMETER EROSION BARRIER
	INLET FILTER
	TEMPORARY DITCH CHECK
	TEMPORARY EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING
	MULCH METHOD 3 WITH TEMPORARY EROSION CONTROL SEEDING

NOTE:
 1.) THE CONTRACTOR MAY USE THE EXISTING 135TH (JACKSON ST.) RIGHT-OF-WAY WEST OF THE PROJECT LIMITS FOR TEMPORARY STOCKPILING OF EXCAVATED TOPSOIL THAT IS ACCEPTABLE FOR USE AS TOPSOIL REPLACEMENT

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USER NAME = juons	DESIGNED - BCB	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

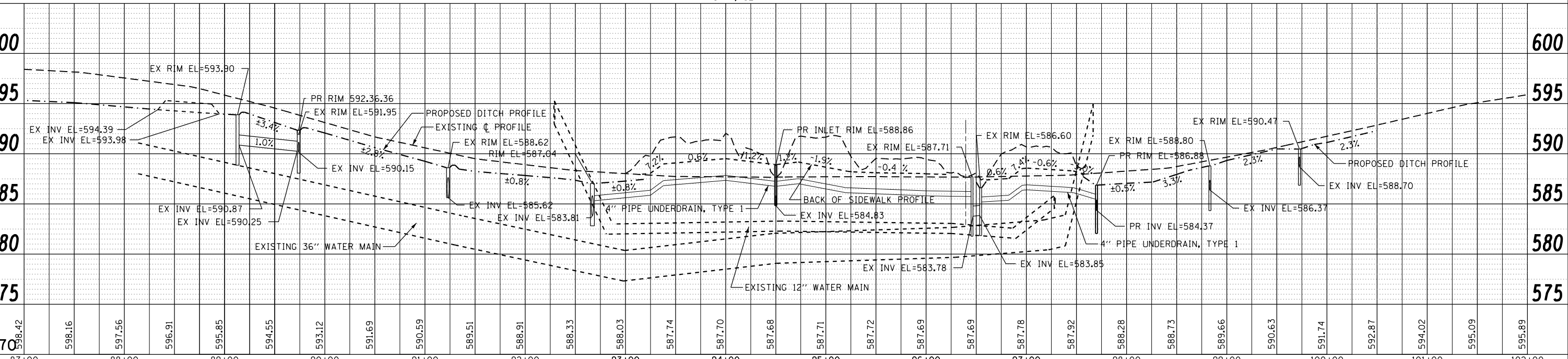
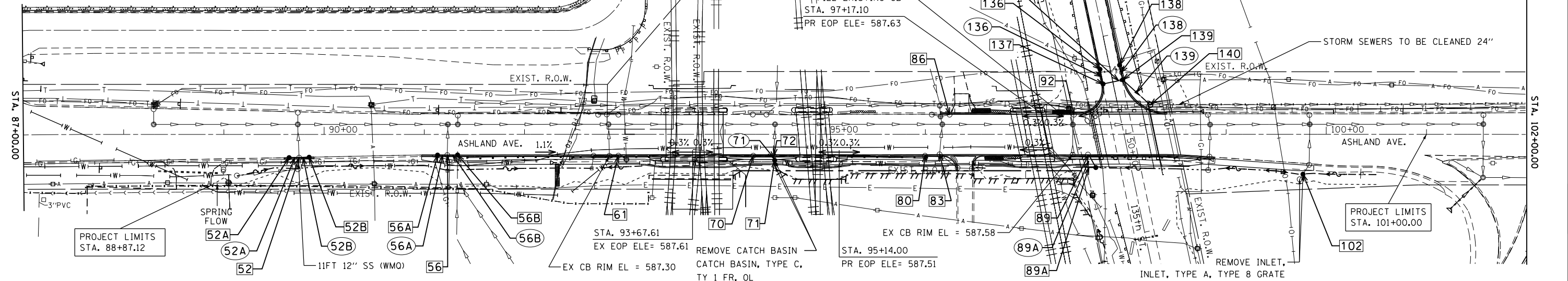
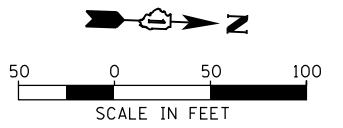
**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 TEMPORARY EROSION & SEDIMENT CONTROL PLAN**

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 34
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

DRAINAGE SCHEDULE												PIPE SCHEDULE				TRENCH BACKFILL	COMMENTS			
NO.	STRUCTURE TYPE	EXISTING STATION	PROPOSED STATION	EXISTING OFFSET	PROPOSED OFFSET	EX RIM	PR RIM	PR/IPRESUMED EX INVERT ELEV	NORTH	SOUTH	EAST	WEST	PIPE NO.	LENGTH	SIZE INCH			SLOPE		
52A	CB-C W/TY 24 FR&GR		89+65.10		23.24	RT.		593.56	590.06					P-52A	6 FT SS, 1 WAT MN	12	1.00%	0.173	1.0	STORM SEWER CONNECTION
52	EX CB-A-4 W/TY 24 FR&GR	89+75.10		23.37	RT.		593.37	590.00	590.00	590.00	589.90									NEW INVERTS NORTH AND SOUTH
52B	CB-C W/TY 24 FR&GR		89+85.10	22.82	RT.		593.11	590.06						P-52B	6 FT SS, 1 WAT MN	12	1.00%	0.152	0.9	STORM SEWER CONNECTION
56A	CB-C W/TY 24 FR&GR		91+13.20		20.72	RT.		589.49	585.60					P-56A	6 FT SS, 1 WAT MN	12	1.00%	0.194	1.2	STORM SEWER CONNECTION
56	EX CB-A-5 W/TY 24 FR&GR	91+22.90		20.72	RT.		589.25	585.54	585.54	585.54	585.44									NEW INVERTS NORTH AND SOUTH
56B	CB-C W/TY 24 FR&GR		91+33.20		20.62	RT.		589.05	585.60					P-56B	6 FT SS, 1 WAT MN	12	1.00%	0.173	1.0	STORM SEWER CONNECTION
61	CB-C-24	92+93.64		21.36	RT.		587.48	587.33												ADJUST CB RIM ELEVATION
70	CB-C-24	94+28.29		21.39	RT.		587.50	587.38	584.40											ADJUST CB RIM ELEVATION
71	CB-C W/TY 1 FR&OL	97+49.70		31.58	RT.	26.08	587.47	588.86					584.88	P-71	2 FT SS, CL A, TY 1	12	1.00%		0	REMOVE CB, NEW CB
72	EX CB-A-4 W/TY 24 FR&GR	94+48.78		21.37	RT.		587.31		584.26	584.33	584.06									RECONSTRUCT CB
80	CB-C-24	95+99.58		21.46	RT.		587.25	583.96												ADJUST CB RIM ELEVATION
83	CB-A-4-24	96+14.12		20.05	RT.		587.14	583.81	583.81		583.71									REMOVE EX. EAST PLUGGED 12" PIPE (RECON CB)
86	CB-A-4-24	96+24.10		19.60	LT.		587.45	587.28			583.33									PROPOSED STRUCTURE AND PIPE
89	EX CB-A-4 W/TY 24 FR&GR	97+62.19		20.31	RT.		587.80		584.25	584.33										ADJUST CB RIM ELEVATION
89A	CB-C W/TY 8 GR		97+63.00		33.20	RT.		587.19			584.37			P-89A	9 FT SS, CL A, TY 1	12	1.00%	0.132	1.2	REMOVE INLET, NEW INLET
92	CB-A-4-24	96+24.10		19.61	LT.		587.64	587.47			584.07	583.97								PROPOSED STRUCTURE AND PIPE
102	INLET-A W/TY 8 GR	99+73.41		44.94	RT.	39.84	592.54	590.47	588.70											RECONSTRUCT CB
136	CB-C W/TY 1 FR&OL	97+74.17		64.93	LT.		588.32				584.19			P-136	12 FT SS, CL A, TY 1	12	1.00%	0.215	2.6	REMOVE INLET, NEW INLET
137	CB-A-4 W/TY 1 FR&OL	97+77.27		50.25	LT.		587.80	583.58			584.07			P-137	18 FT SS, CL A, TY 1	12	1.00%	0.215	3.9	PROPOSED STRUCTURE AND PIPE
138	CB-C W/TY 1 FR&OL	97+93.77		69.07	LT.		588.32				584.11			P-138	12 FT SS, CL A, TY 1	12	1.00%	0.173	2.1	PROPOSED STRUCTURE AND PIPE
139	CB-A-4 W/TY 1 FR&OL	97+96.87		54.39	LT.		587.80		583.40	583.99	583.30			P-139	34 FT SS, CL B, TY 1	15	1.00%	0.305	10.4	PROPOSED STRUCTURE AND PIPE
140	MH-A-4 W/TY 1 FR&CL	98+24.33		29.34	LT.		589.08	582.45	582.44	582.96										EXISTING 24" PIPE

NOTE: CONNECTION OF PROPOSED STORM SEWER AND PROPOSED UNDERDRAINS TO EXISTING DRAINAGE STRUCTURE SHALL BE INCLUDED IN THE COST OF PROPOSED STORM SEWER.

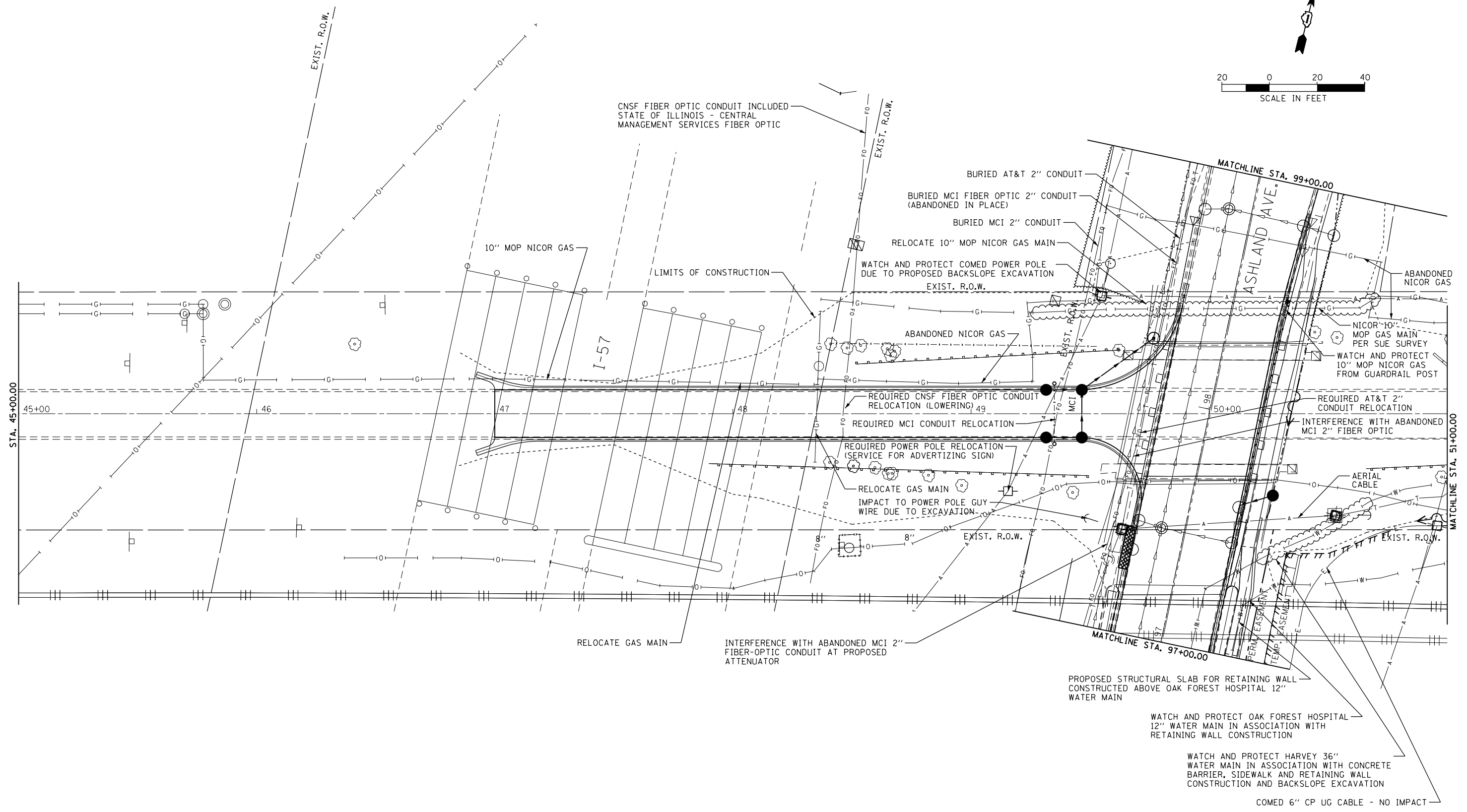
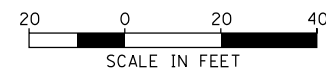


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DATE	
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NO.	

MA_2017117-129-008 EFX Mean IDOT DLR PTB 181-417-129-013 W0 13 Ashland Ave-135th St Bridge Remodel Plan Design For Printing D:\V\Transportation\CADD\CADD Sheets\012154-ant-drain.dgn
 SURVEYED GRADES CHECKED STRUCTURE NOTATIONS OK
 PLOTTED CHECKED STRUCTURE NOTATIONS OK
 NOTE BOOK NO. 2857

	USER NAME = DavidL	DESIGNED - BCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL) ASHLAND AVENUE DRAINAGE PLAN & PROFILE	F.A.U. R.E. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 35		
	PLOT SCALE = 100.0000' / 1"	CHECKED - DPA	REVISED -			SCALE: SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 60484				
	PLOT DATE = 10/12/2018	DATE - 10/17/14	REVISED -			ILLINOIS FED. AID PROJECT						



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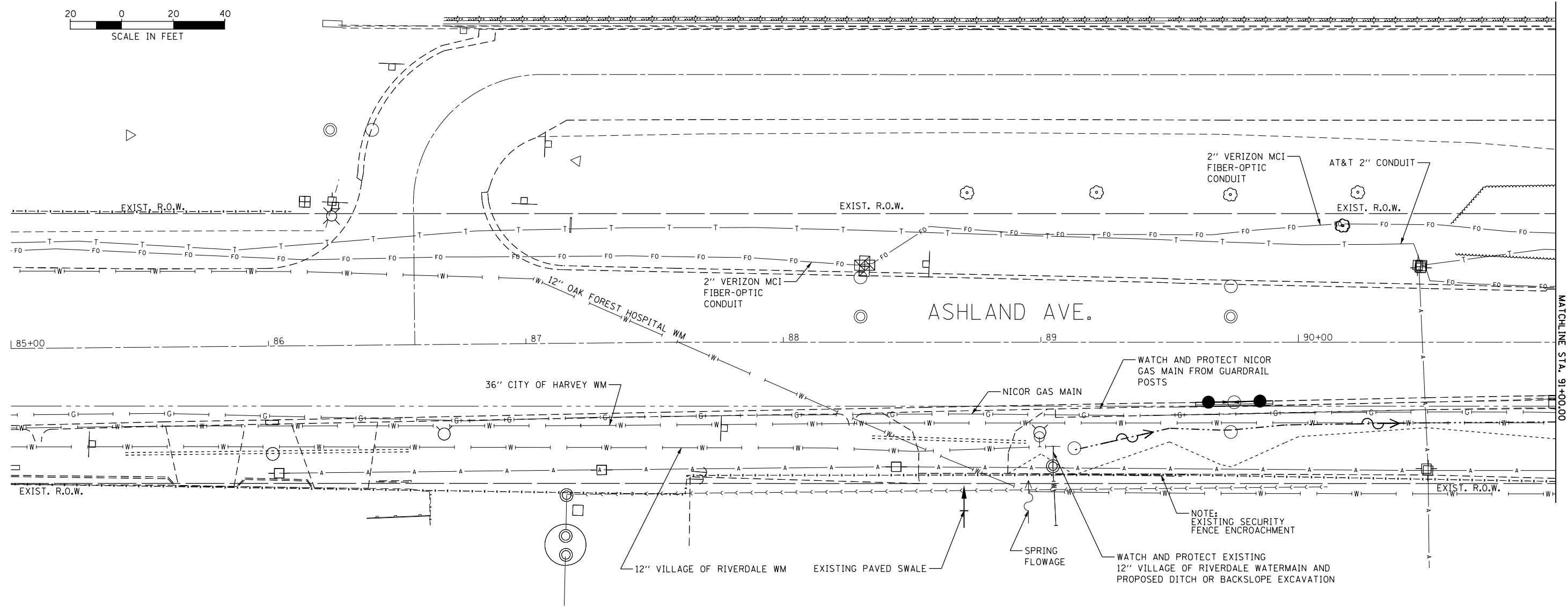
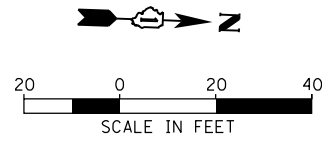
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DRAWN - BCB	REVISED -	
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
STATUS OF UTILITIES**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 36
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



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USER NAME = DavidL	DESIGNED - BCB	REVISED -
DRAWN - BCB	REVISIONS -	
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

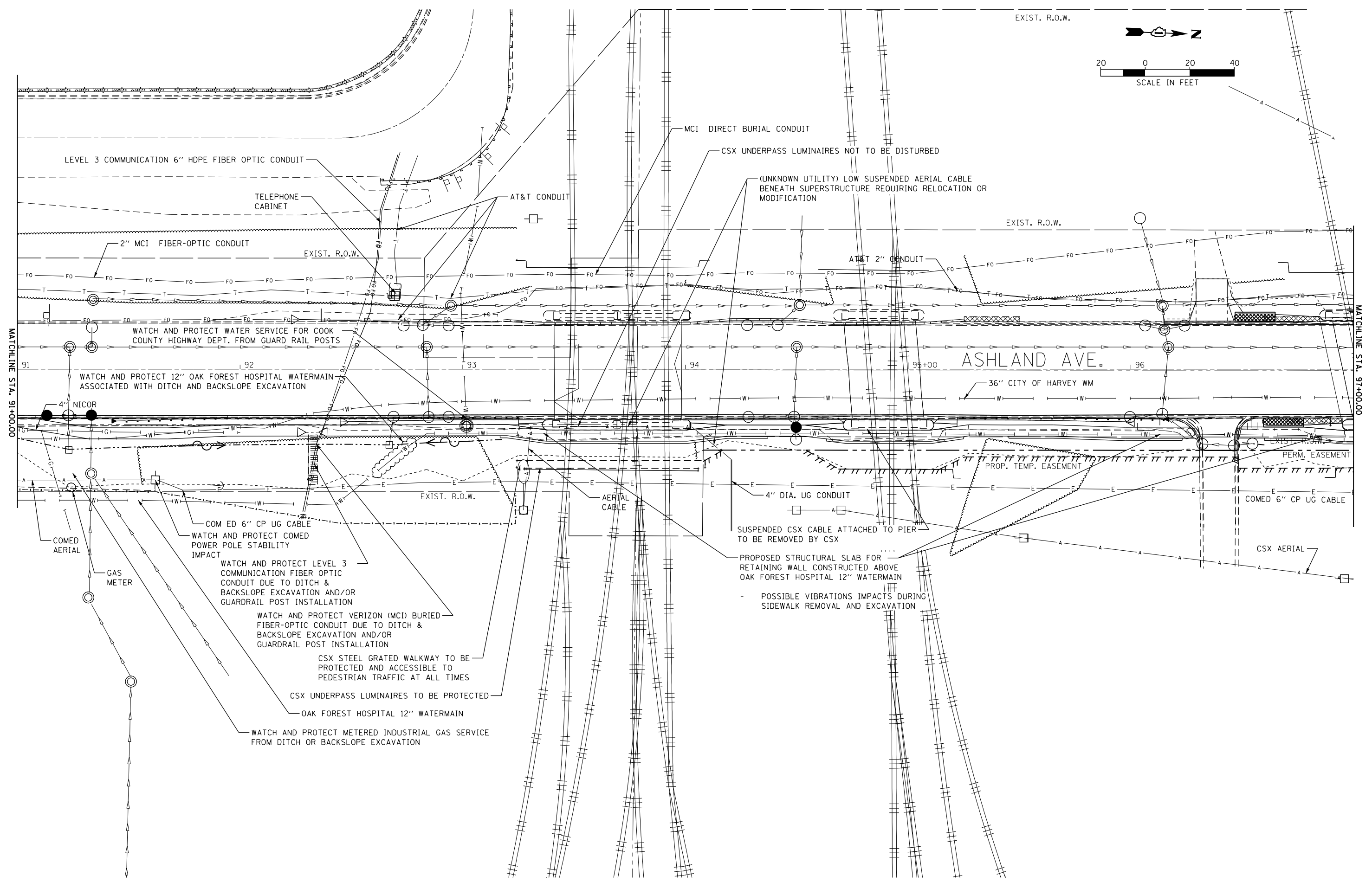
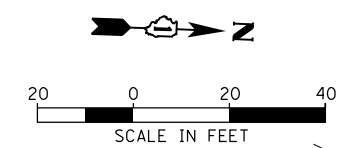
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
STATUS OF UTILITIES**

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 37
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

EXIST. R.O.W.



M:\2017\17-129-000_EFK_Moen_IDOT_DUR_PTB_181-4\17-129-013_WD_13_Ashland_Ave_135th_St_Bridg_Rem1.con P:\V\Design_For_Printing\ONL\17-129-013\17-129-013.dgn Sheets\0112154-sh1-ut1103.dgn



USER NAME = DavidL	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

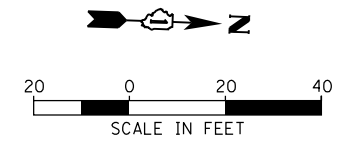
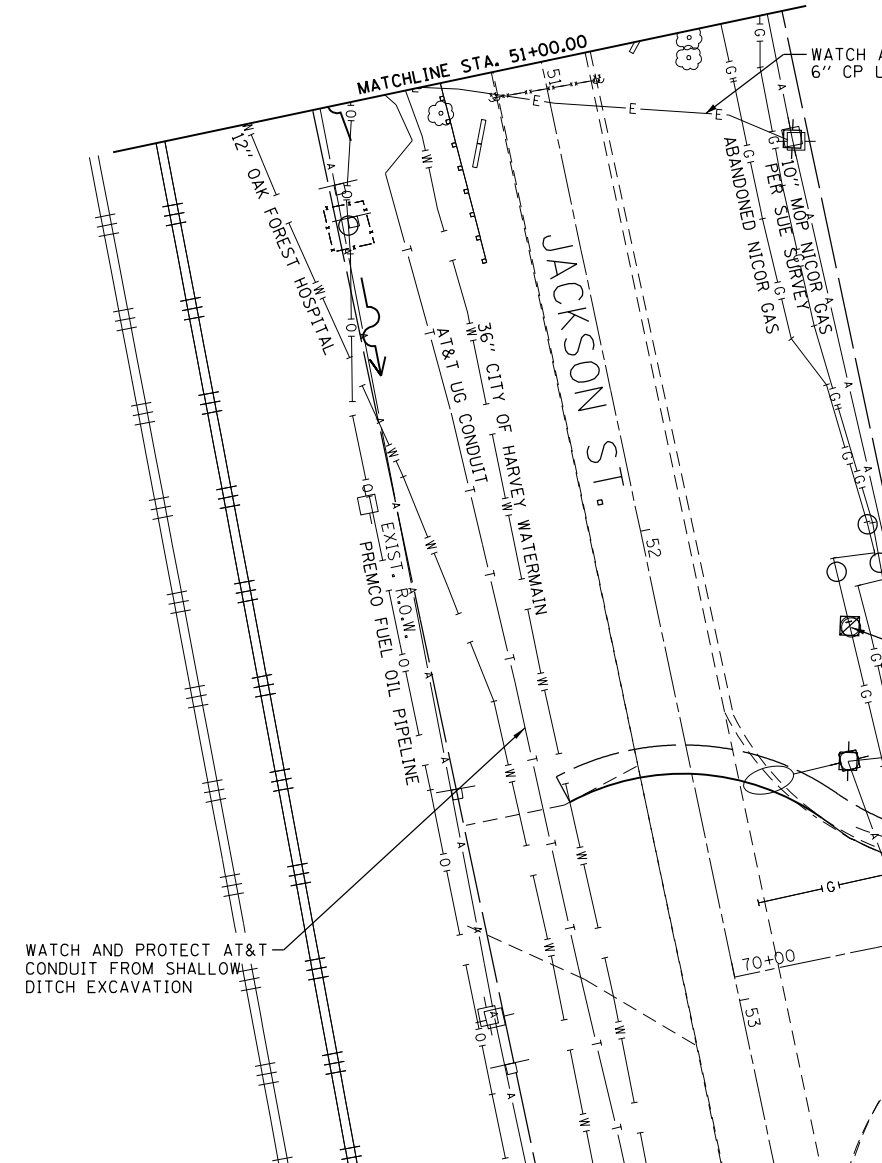
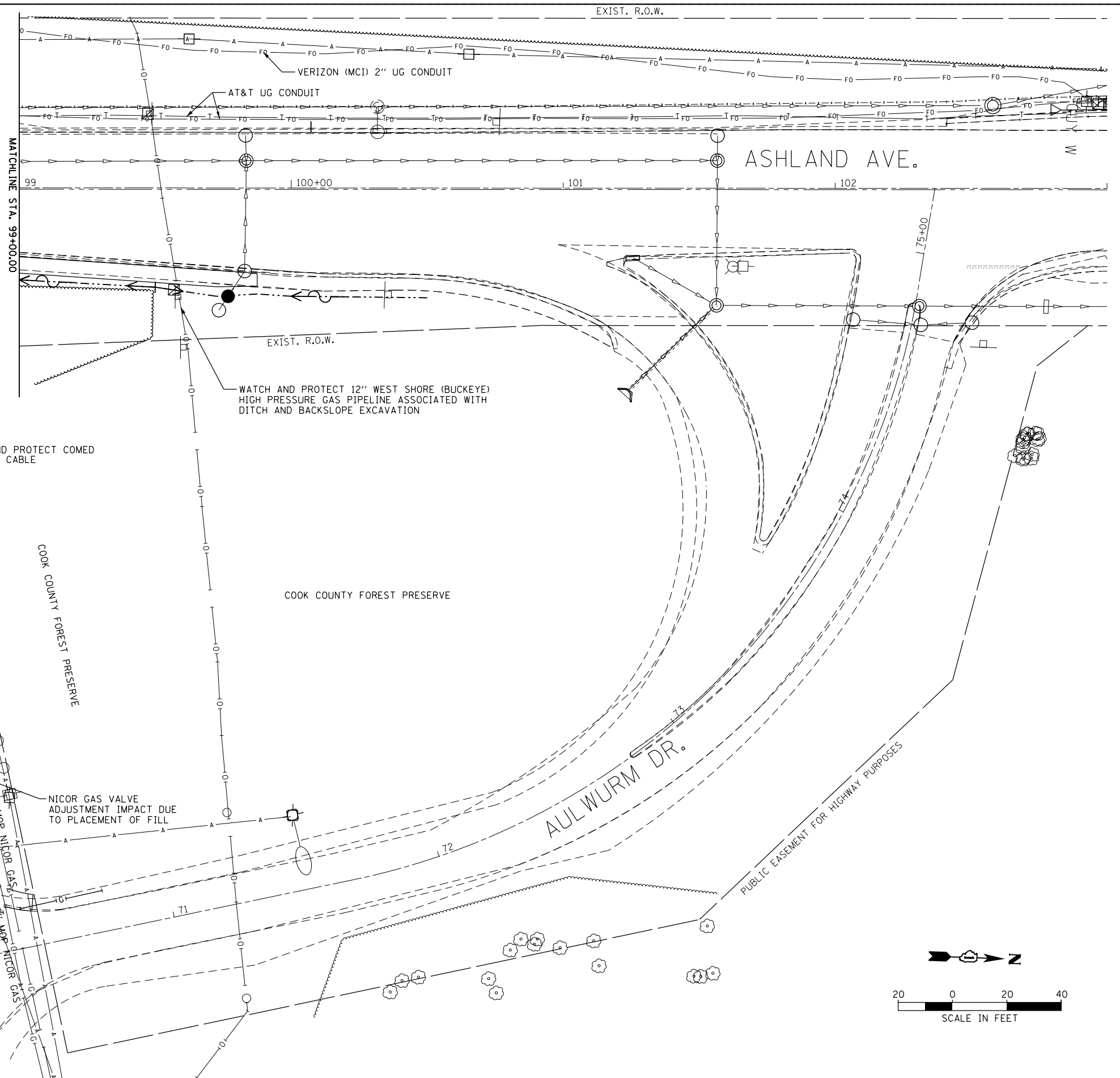
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
STATUS OF UTILITIES**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 38
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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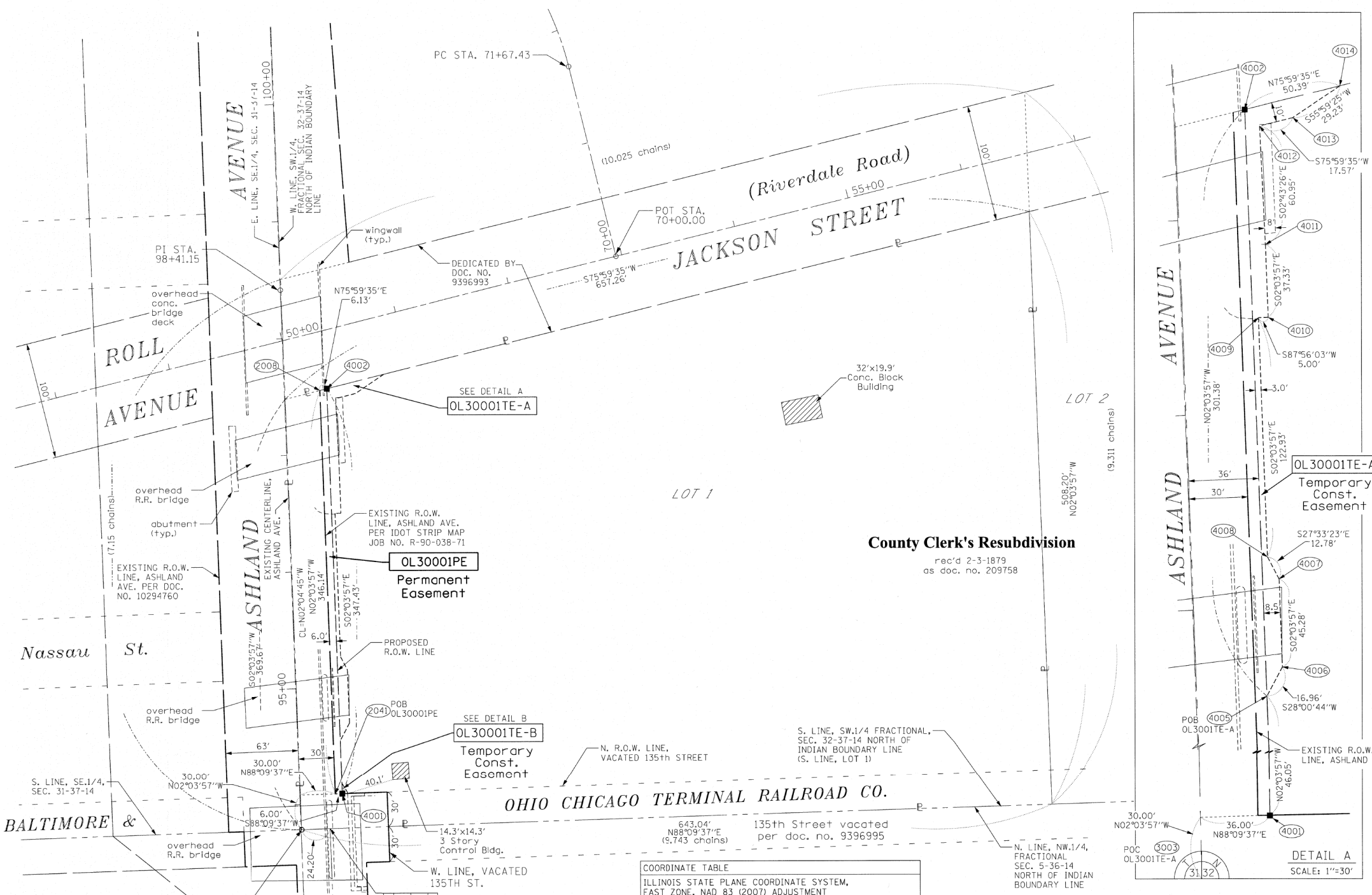
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
STATUS OF UTILITIES**

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 39
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

PART OF THE SW.1/4 OF FRACTIONAL SECTION 32, TWP. 37 N., R. 14 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 15 16

QUARTER CORNER: 16 15

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

- 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: +

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

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 (2007 ADJUSTMENT) GRID.

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.9999851875. AREAS SHOWN ON THIS PLAT ARE "GROUND".

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, KENNETH J. PESAVENTO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001251), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 32, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SHOREWOOD, ILLINOIS THIS ___ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3425
LICENSE EXPIRATION DATE: 11-30-2016

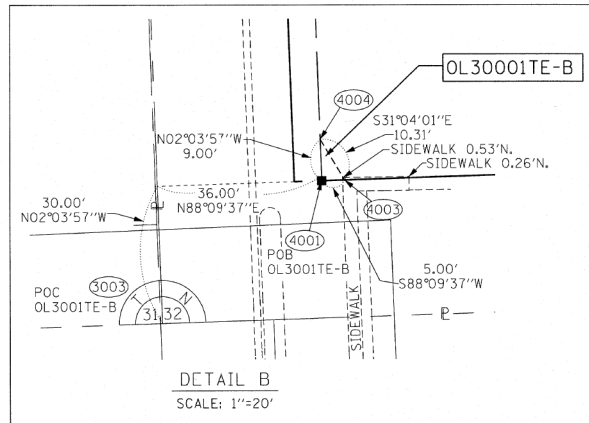
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

County Clerk's Resubdivision
rec'd 2-3-1879
as doc. no. 209758

COORDINATE TABLE

ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007) ADJUSTMENT

POINT	STATION	OFFSET	NORTH	EAST
2008	97+54.36	30.51'RT.	1815614.159	1168193.428
2041	94+08.22	30.43'RT.	1815268.248	1168205.905
4001	94+08.20	36.43'RT.	1815268.440	1168211.902
4002	97+55.63	36.51'RT.	1815615.644	1168199.378
4003	94+08.18	41.43'RT.	1815268.601	1168216.900
4004	94+17.20	36.43'RT.	1815277.434	1168211.578
4005	94+54.25	36.44'RT.	1815314.460	1168210.242
4006	94+68.92	44.94'RT.	1815329.433	1168218.208
4007	95+14.20	44.95'RT.	1815374.684	1168216.575
4008	95+25.74	39.46'RT.	1815386.014	1168210.663
4009	96+48.67	39.48'RT.	1815508.864	1168206.232
4010	96+48.67	44.48'RT.	1815509.044	1168211.228
4011	96+86.00	44.49'RT.	1815546.350	1168209.883
4012	97+46.95	43.81'RT.	1815607.235	1168206.986
4013	97+50.58	61.00'RT.	1815611.488	1168224.034
4014	97+66.04	85.81'RT.	1815627.839	1168248.267
3003	93+78.35	0.42'RT.	1815237.304	1168177.002



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
OL30001	N/A	0.00	N/A	N/A	PE=0.048 TE-A=0.046 TE-B=0.001	23	25-32-318-001

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PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)

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

RECEIVED
MAR 01 2017
PLATS & LEGALS

RT & A Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • GIS Consultants
129 CARISTA DRIVE • SHOREWOOD, ILLINOIS 60404
PH (815) 744-6600 FAX (815) 744-0101
www.ruettiger-tonelli.com

R.T. & A. Dwg. No.: 2015-0007

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ASHLAND AVENUE

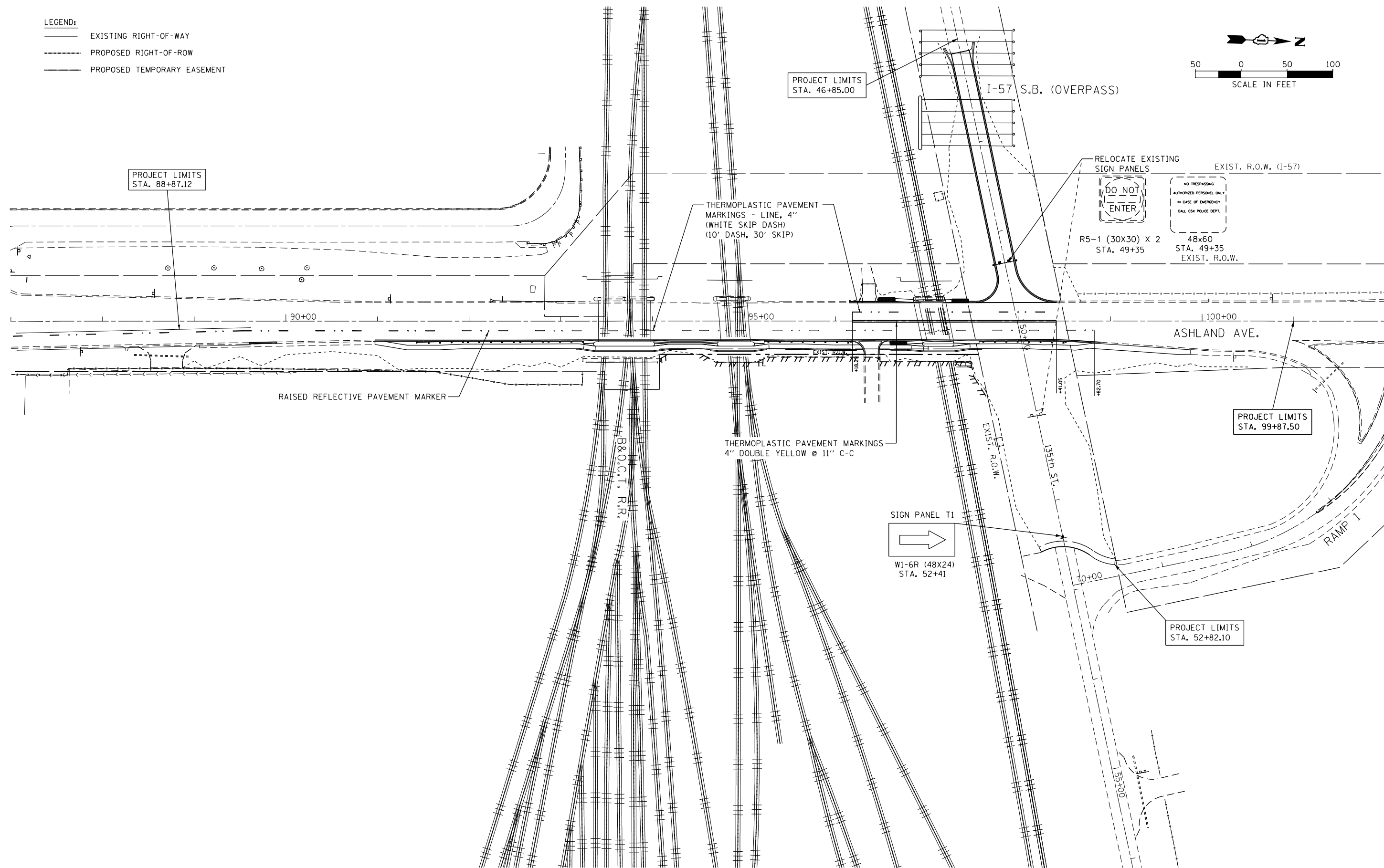
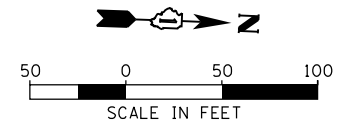
LIMITS: @ abandon RR ROW COUNTY: COOK
SECTION: JOB NO.: R-90-004-02
STA. 93+00 TO STA. 98+00
SCALE: 1"=50' SHEET 2 OF 2 SHEETS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	40

CONTRACT NO. 60484
ILLINOIS FED. AID PROJECT

- LEGEND:**
- EXISTING RIGHT-OF-WAY
 - - - PROPOSED RIGHT-OF-WAY
 - PROPOSED TEMPORARY EASEMENT



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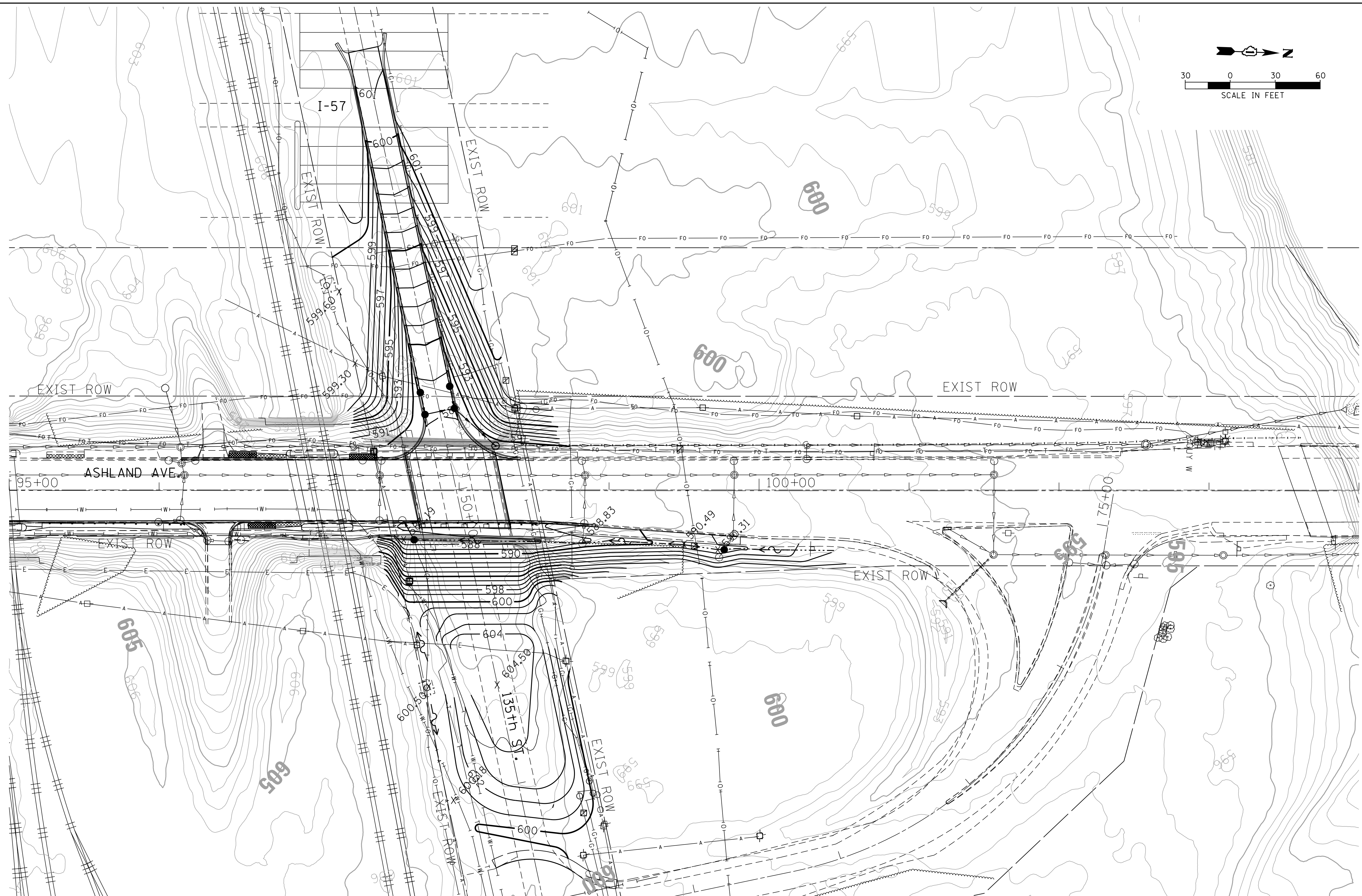
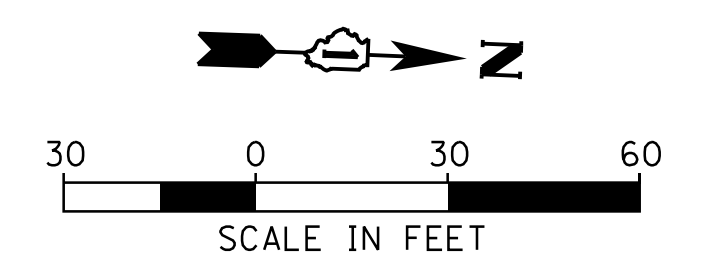
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PLOT DATE = 10/11/2018	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

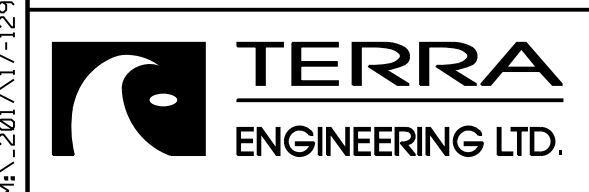
**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PAVEMENT MARKING AND SIGNING PLAN**

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

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 41
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



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 PLOT DATE = 10/10/2018

DESIGNED - BCB
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 CHECKED - DPA
 DATE - 10/17/14

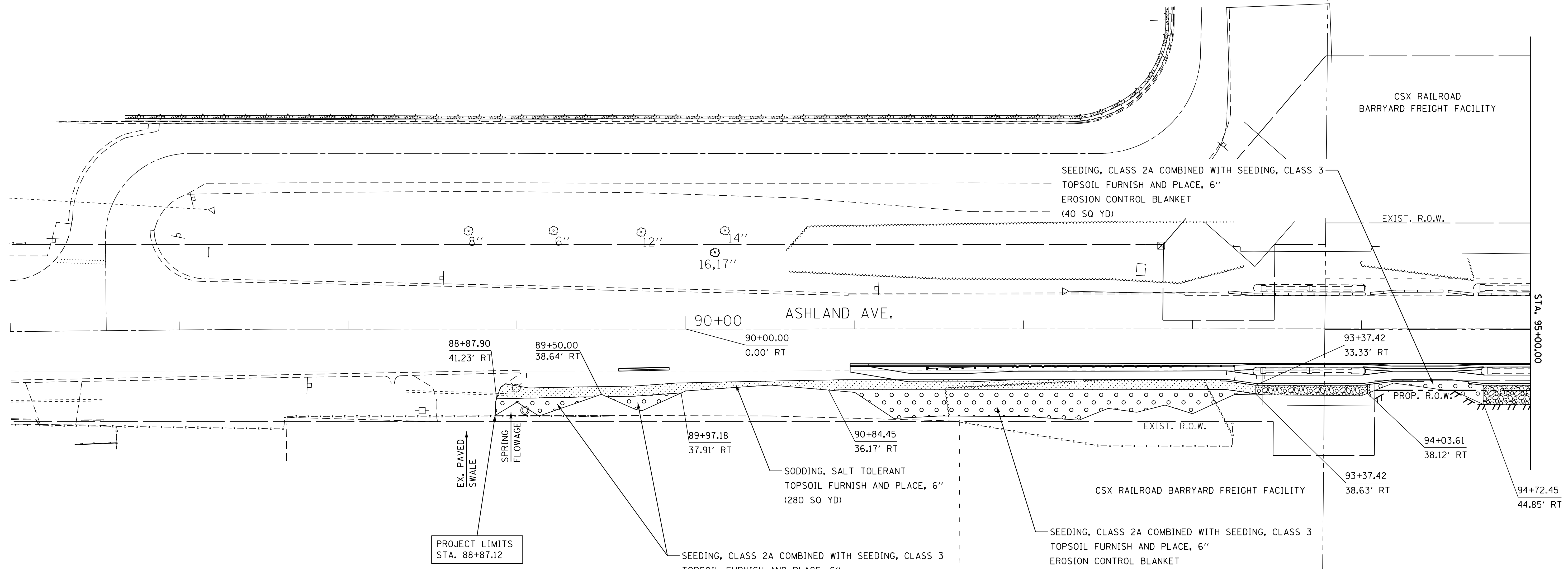
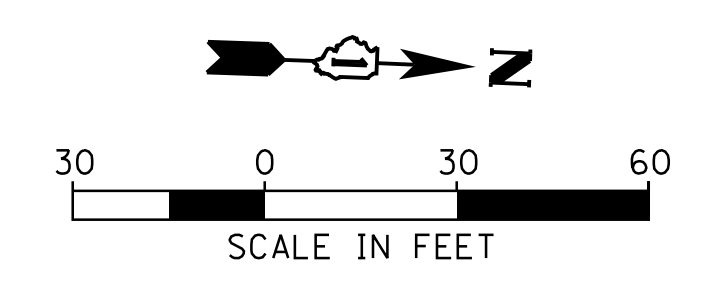
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED GRADING PLAN**

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

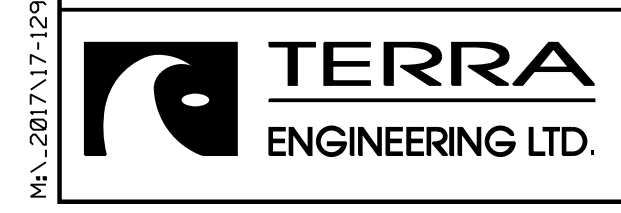
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	42
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



LEGEND

	SEEDING, CLASS 2A COMBINED WITH SEEDING, CLASS 3 TOPSOIL FURNISH AND PLACE, 6" EROSION CONTROL BLANKET
	SEEDING, CLASS 2 TOPSOIL FURNISH AND PLACE, 12" MULCH METHOD 3 (EXCEPT AS NOTED)
	STONE RIPRAP, CLASS A2
	SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6"

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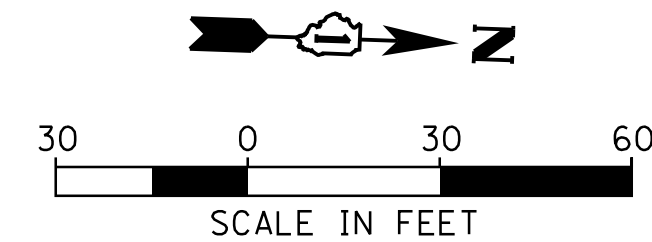
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PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
LANDSCAPING PLAN**

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

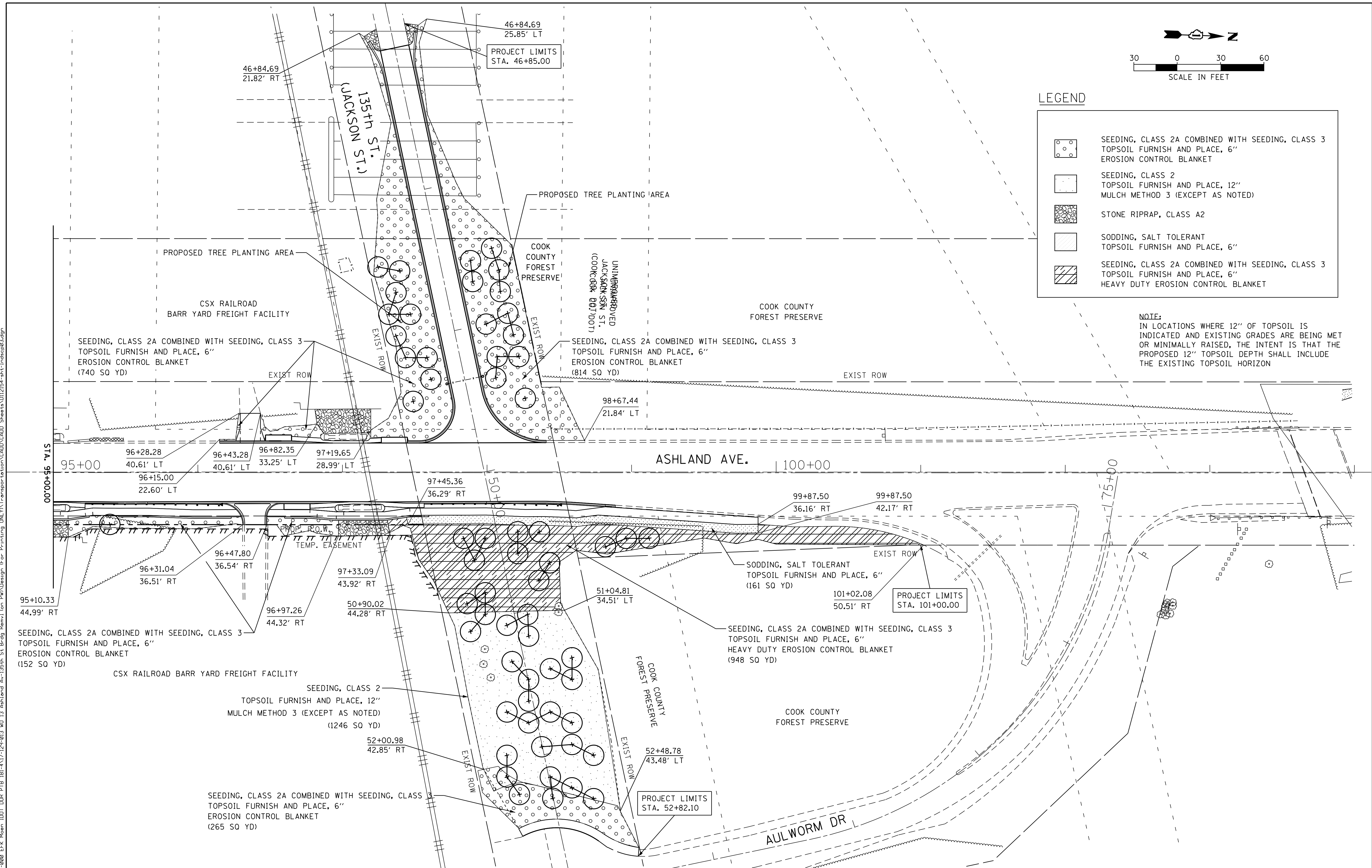
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	44
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



LEGEND

	SEEDING, CLASS 2A COMBINED WITH SEEDING, CLASS 3 TOPSOIL FURNISH AND PLACE, 6" EROSION CONTROL BLANKET
	SEEDING, CLASS 2 TOPSOIL FURNISH AND PLACE, 12" MULCH METHOD 3 (EXCEPT AS NOTED)
	STONE RIPRAP, CLASS A2
	SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6"
	SEEDING, CLASS 2A COMBINED WITH SEEDING, CLASS 3 TOPSOIL FURNISH AND PLACE, 6" HEAVY DUTY EROSION CONTROL BLANKET

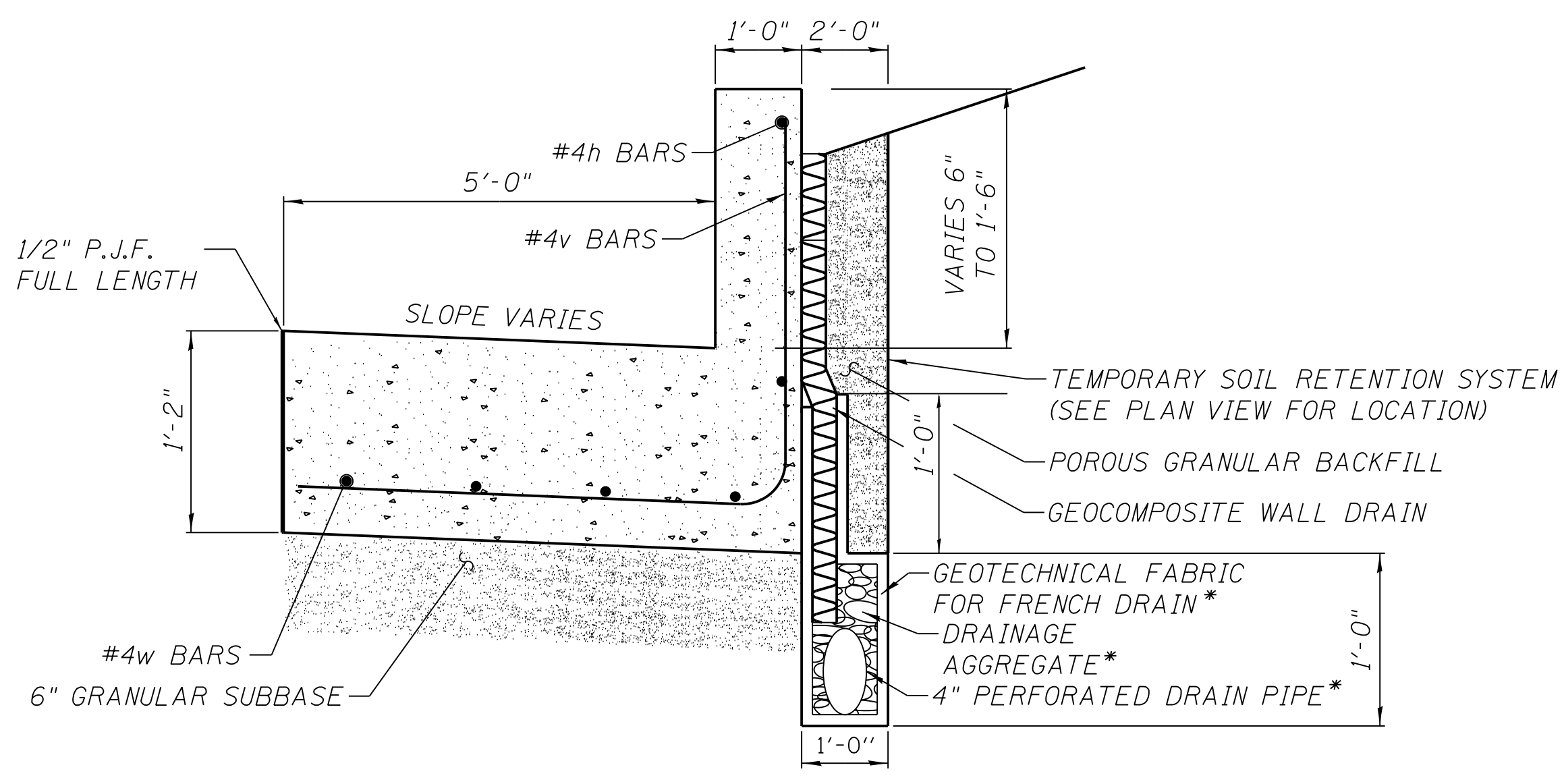
NOTE:
IN LOCATIONS WHERE 12" OF TOPSOIL IS INDICATED AND EXISTING GRADES ARE BEING MET OR MINIMALLY RAISED, THE INTENT IS THAT THE PROPOSED 12" TOPSOIL DEPTH SHALL INCLUDE THE EXISTING TOPSOIL HORIZON



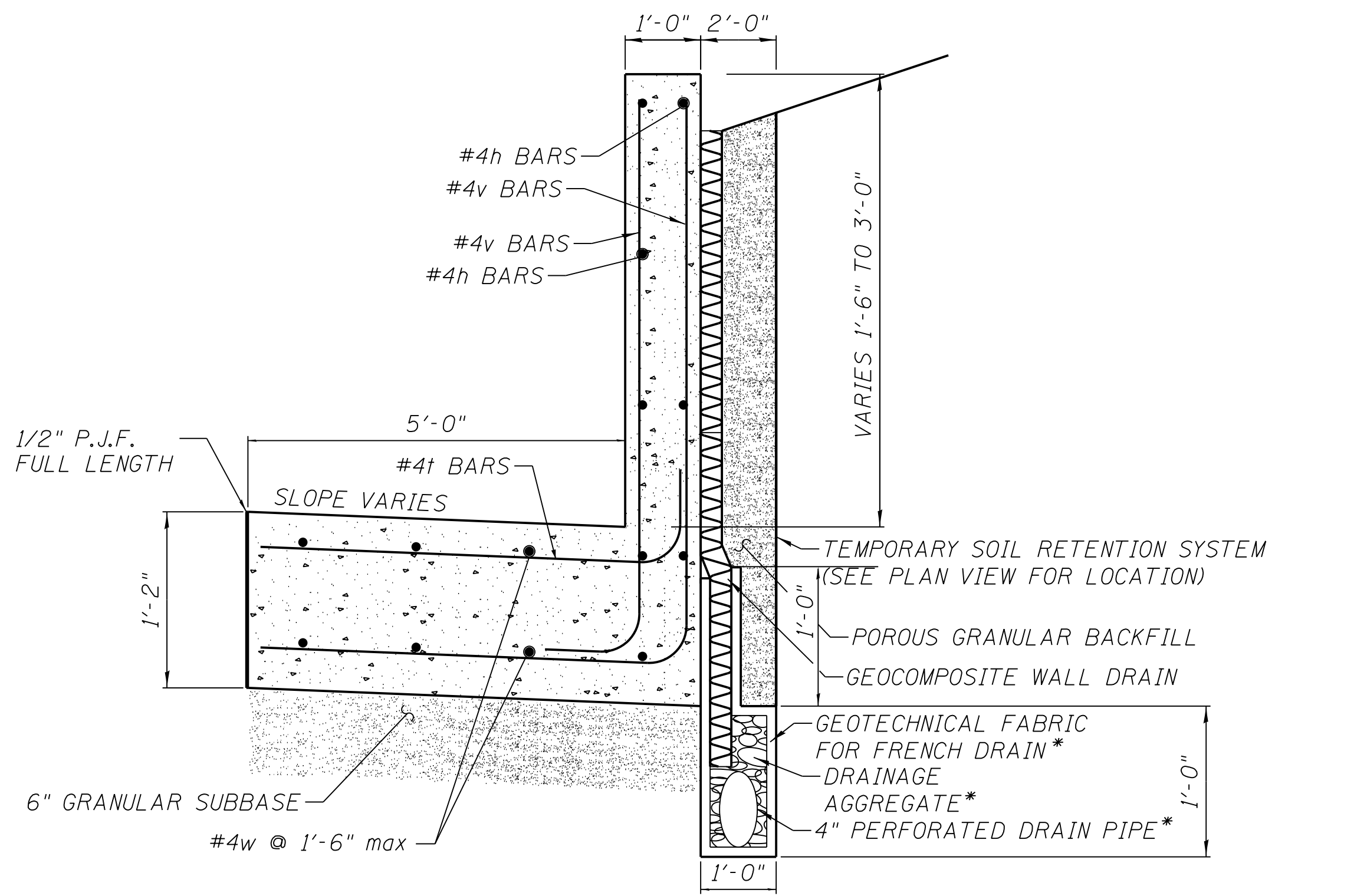
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	USER NAME = JuonS	DESIGNED - BCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL) LANDSCAPING PLAN	F.A.U. R.T.E. = 2857	SECTION = 146B-BR	COUNTY = COOK	TOTAL SHEETS = 94	SHEET NO. = 45
	PLOT SCALE =	CHECKED - DPA	REVISED -			SCALE:	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 60484 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/10/2018	DATE = 10/17/14	REVISED -							

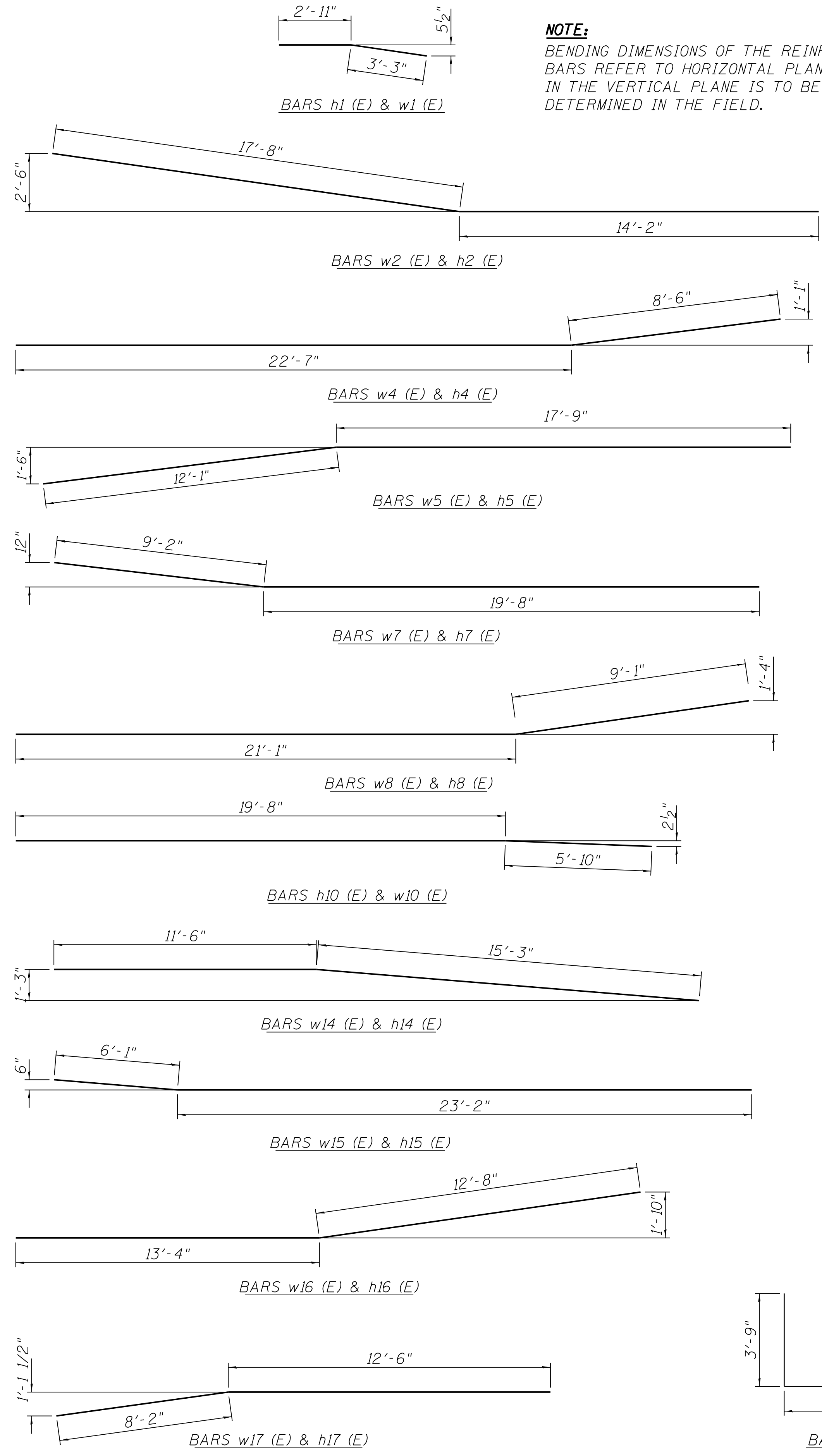
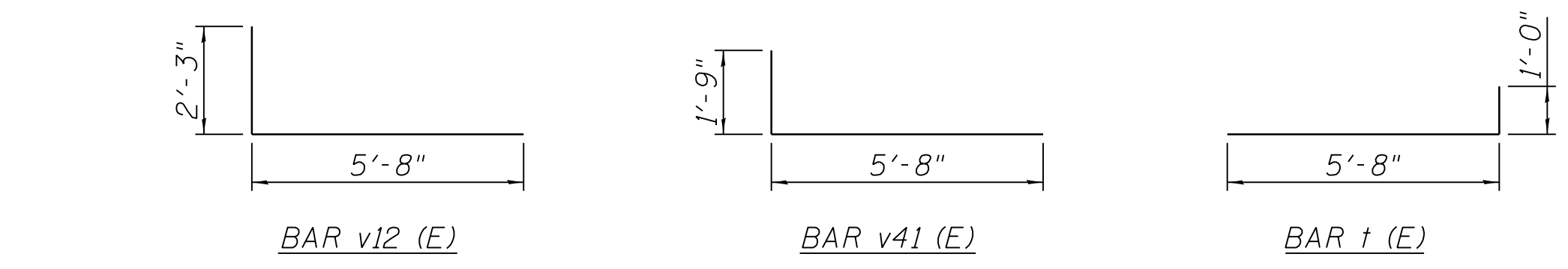
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INTEGRAL SIDEWALK / SHORT RETAINING WALL DETAIL
LOOKING NORTH



INTEGRAL SIDEWALK / RETAINING WALL DETAIL
LOOKING NORTH

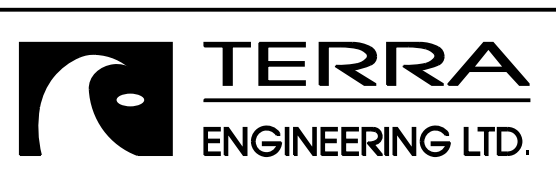


NOTE:
BENDING DIMENSIONS OF THE REINFORCEMENT BARS REFER TO HORIZONTAL PLANE. BENDING IN THE VERTICAL PLANE IS TO BE DETERMINED IN THE FIELD.

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h1(E)	2	#4	6'-2"	
h2(E)	6	#4	31'-10"	
h3(E)	6	#4	31'-3"	
h4(E)	6	#4	31'-1"	
h5(E)	2	#4	29'-10"	
h6(E)	2	#4	2'-7"	
h7(E)	6	#4	28'-10"	
h8(E)	6	#4	30'-2"	
h9(E)	2	#4	7'-11"	
h10(E)	2	#4	25'-6"	
h11(E)	2	#4	29'-3"	
h12(E)	2	#4	28'-6"	
h13(E)	2	#4	8'-7"	
h14(E)	6	#4	26'-9"	
h15(E)	6	#4	29'-3"	
h16(E)	6	#4	26'-0"	
h17(E)	2	#4	20'-8"	
t(E)	122	#4	6'-8"	
v1(E)	12	#4	14'-10"	
v2(E)	8	#4	17'-4"	
v3(E)	5	#4	8'-0"	
v4(E)	157	#4	9'-5"	
v5(E)	83	#4	4'-9"	
v10(E)	5	#4	17'-4"	
v11(E)	3	#4	8'-0"	
v12(E)	86	#4	7'-11"	
v14(E)	2	#4	14'-10"	
v15(E)	3	#4	17'-4"	
v16(E)	2	#4	8'-0"	
v21(E)	4	#4	17'-4"	
v22(E)	3	#4	8'-0"	
v23(E)	3	#4	14'-10"	
v24(E)	10	#4	14'-10"	
v30(E)	14	#4	17'-4"	
v31(E)	8	#4	8'-0"	
v40(E)	3	#4	15'-4"	
v41(E)	10	#4	7'-5"	
v42(E)	2	#4	14'-4"	
w1(E)	4	#4	6'-2"	
w2(E)	8	#4	31'-10"	
w3(E)	8	#4	31'-3"	
w4(E)	8	#4	31'-1"	
w5(E)	4	#4	29'-10"	
w6(E)	4	#4	2'-7"	
w7(E)	8	#4	28'-10"	
w8(E)	8	#4	30'-2"	
w9(E)	4	#4	7'-11"	
w10(E)	4	#4	25'-6"	
w11(E)	4	#4	29'-3"	
w12(E)	4	#4	28'-6"	
w13(E)	4	#4	8'-7"	
w14(E)	8	#4	26'-9"	
w15(E)	8	#4	29'-3"	
w16(E)	8	#4	26'-0"	
w17(E)	4	#4	20'-8"	
POROUS GRANULAR BACKFILL			CU. YD.	89
STRUCTURE EXCAVATION			CU. YD.	387
CONCRETE STRUCTURES			CU. YD.	122.0
REINFORCEMENT BARS, EPOXY COATED			POUND	5,960
TEMPORARY SOIL RETENTION SYSTEM			SQ. FT.	315
GEOCOMPOSITE WALL DRAIN			SQ. YD.	173
PIPE UNDERDRAINS FOR STRUCTURES 4"			FOOT	400

FOR ADDITIONAL BAR CUTTING DIAGRAMS SEE SHEET S5



USER NAME = juonS	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

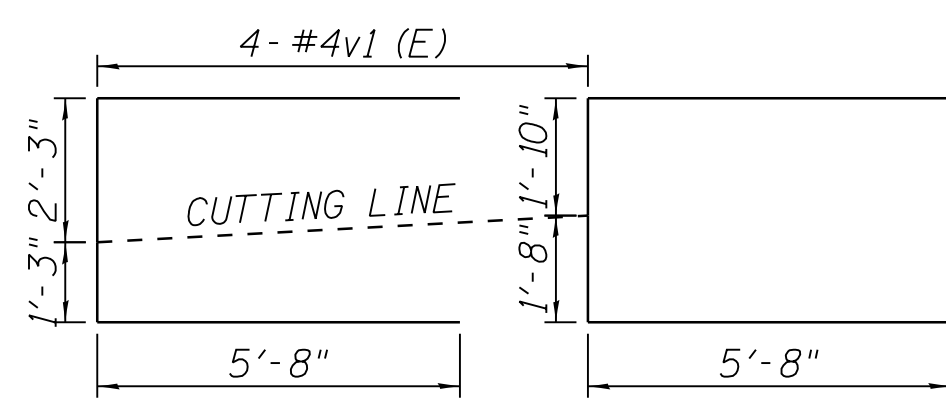
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
INTEGRAL SIDEWALK / RETAINING WALL DETAILS**

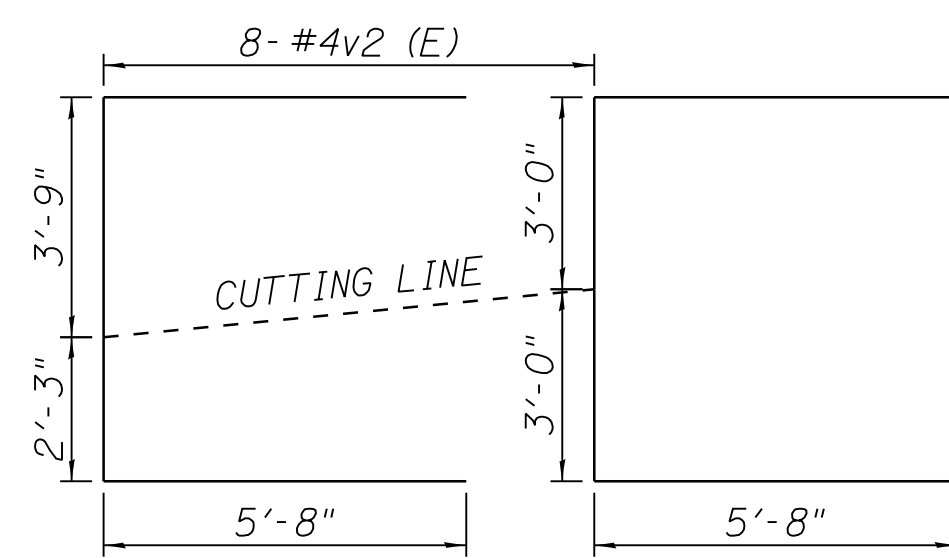
SCALE: SHEET NO. S4 OF S5 SHEETS STA. TO STA.

F.A.U. RT.E. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 49
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

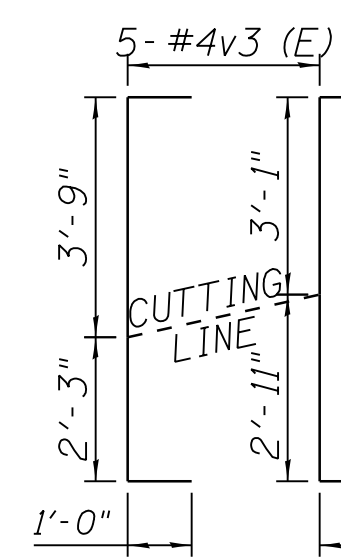
BAR CUTTING DIAGRAMS



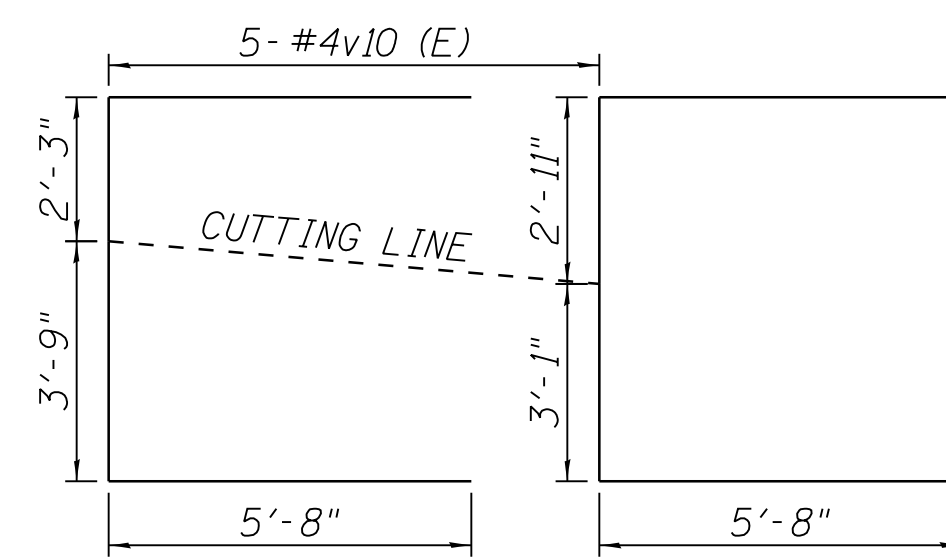
STA. 93+16.75 TO STA. 93+23.07
 STA. 94+30.00 TO STA. 94+37.00
 STA. 96+16.95 TO STA. 96+23.06
 3 SETS OF 4 BARS
BAR v1 (E)



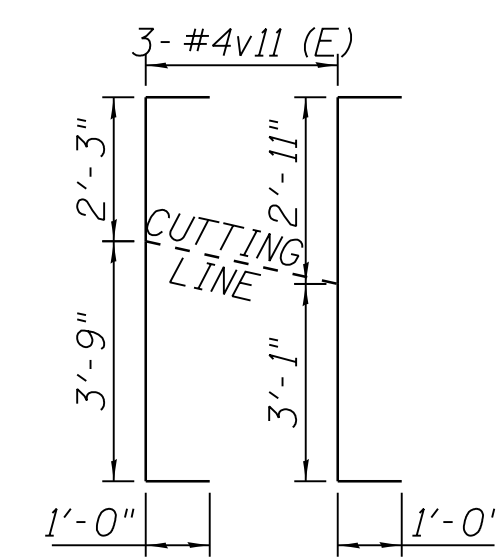
STA. 93+23.07 TO STA. 93+37.85
BAR v2 (E)



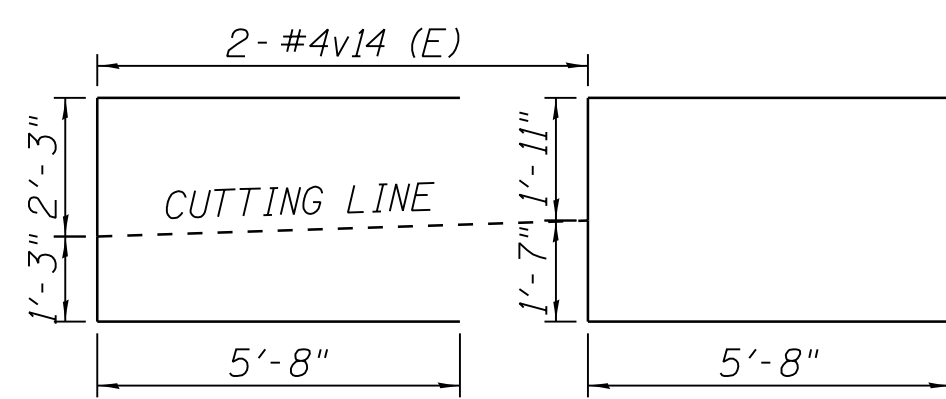
STA. 93+23.07 TO STA. 93+37.85
BAR v3 (E)



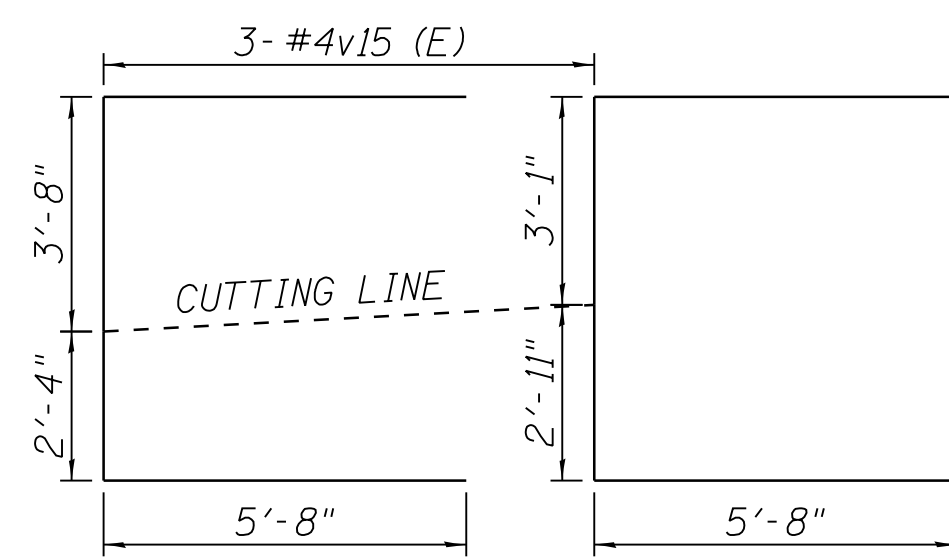
STA. 94+00.00 TO STA. 94+09.48
BAR v10 (E)



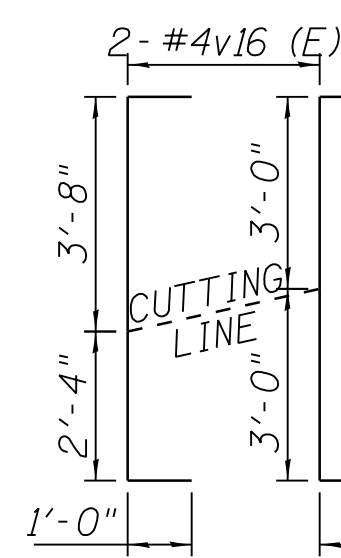
STA. 94+00.00 TO STA. 94+09.48
BAR v11 (E)



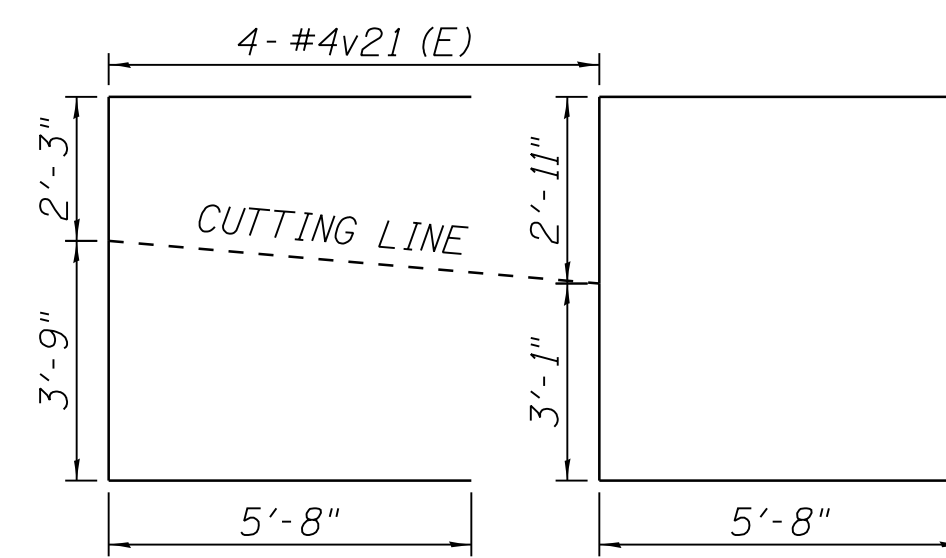
STA. 94+63.22 TO STA. 94+65.93
BAR v14 (E)



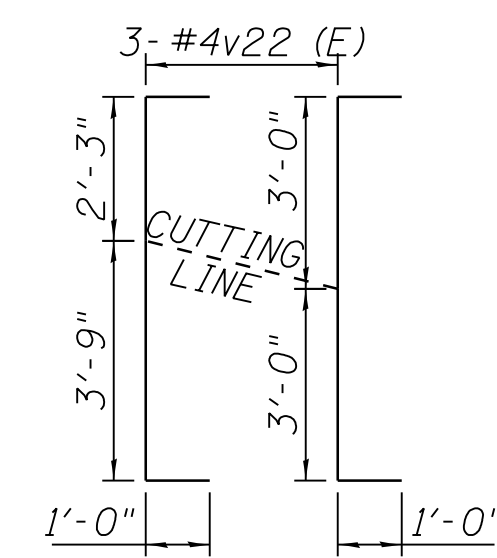
STA. 94+65.93 TO STA. 94+70.00
BAR v15 (E)



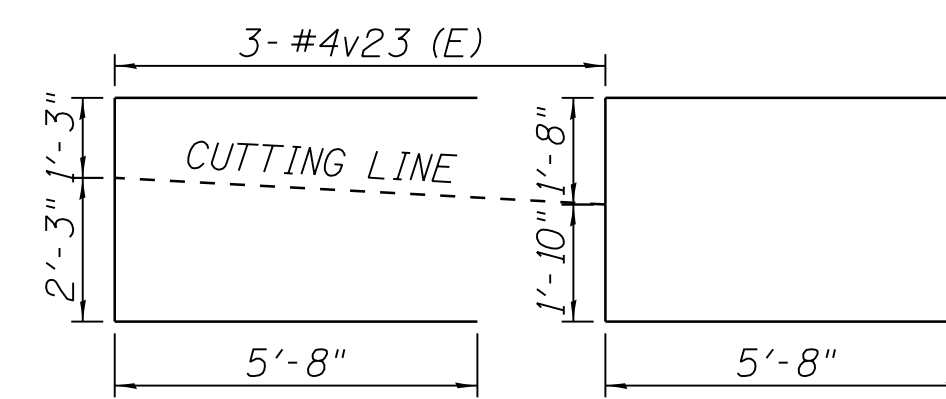
STA. 94+65.93 TO STA. 94+70.00
BAR v16 (E)



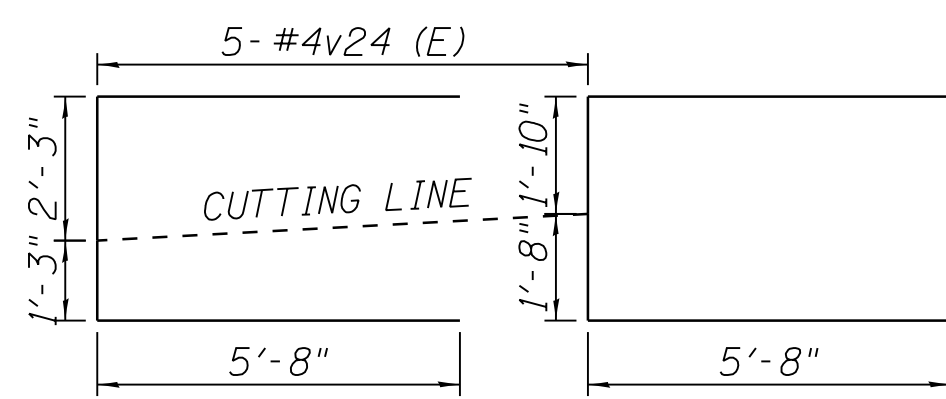
STA. 95+12.00 TO STA. 95+19.98
BAR v21 (E)



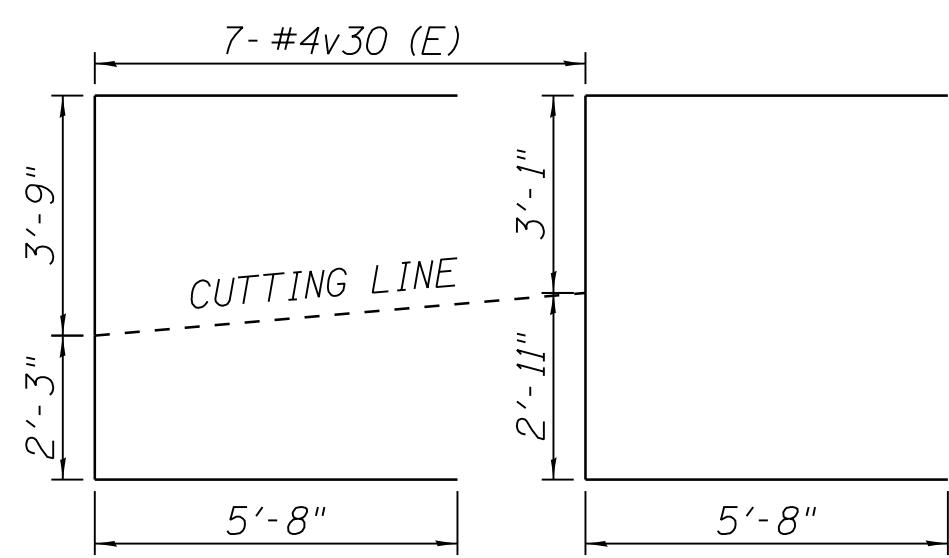
STA. 95+12.00 TO STA. 95+19.98
BAR v22 (E)



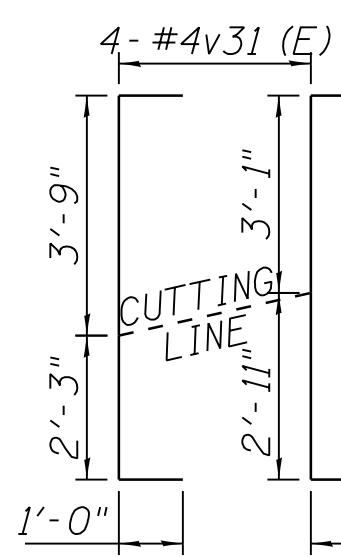
STA. 95+19.98 TO STA. 95+24.92
BAR v23 (E)



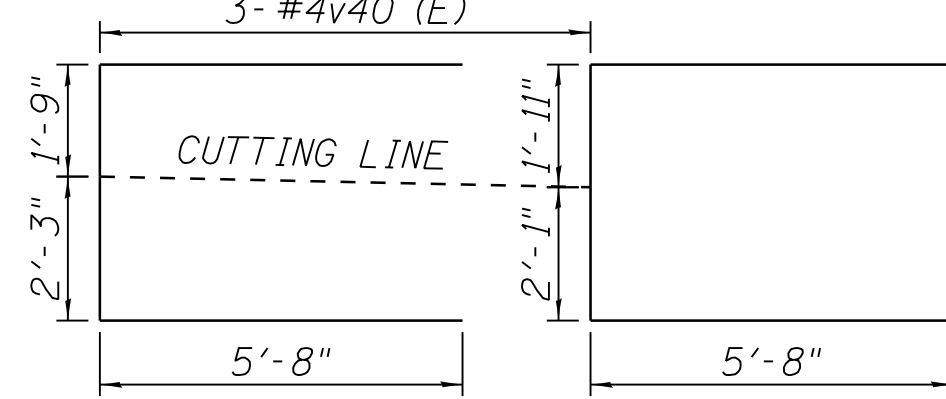
STA. 95+45.19 TO STA. 95+54.81
 STA. 96+60.00 TO STA. 96+68.93
 2 SETS OF 5 BARS
BAR v24 (E)



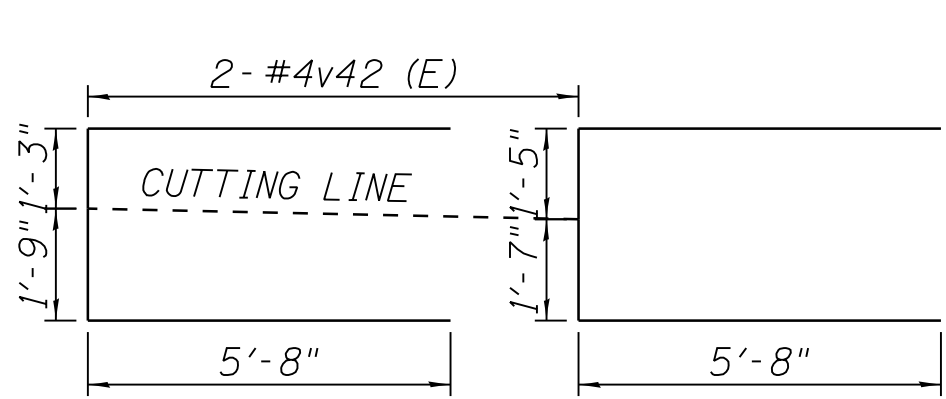
STA. 96+68.93 TO STA. 96+82.35
 STA. 97+28.79 TO STA. 97+42.36
 2 SETS OF 7 BARS
BAR v30 (E)



STA. 96+68.93 TO STA. 96+82.35
 STA. 97+28.79 TO STA. 97+42.36
 2 SETS OF 4 BARS
BAR v31 (E)

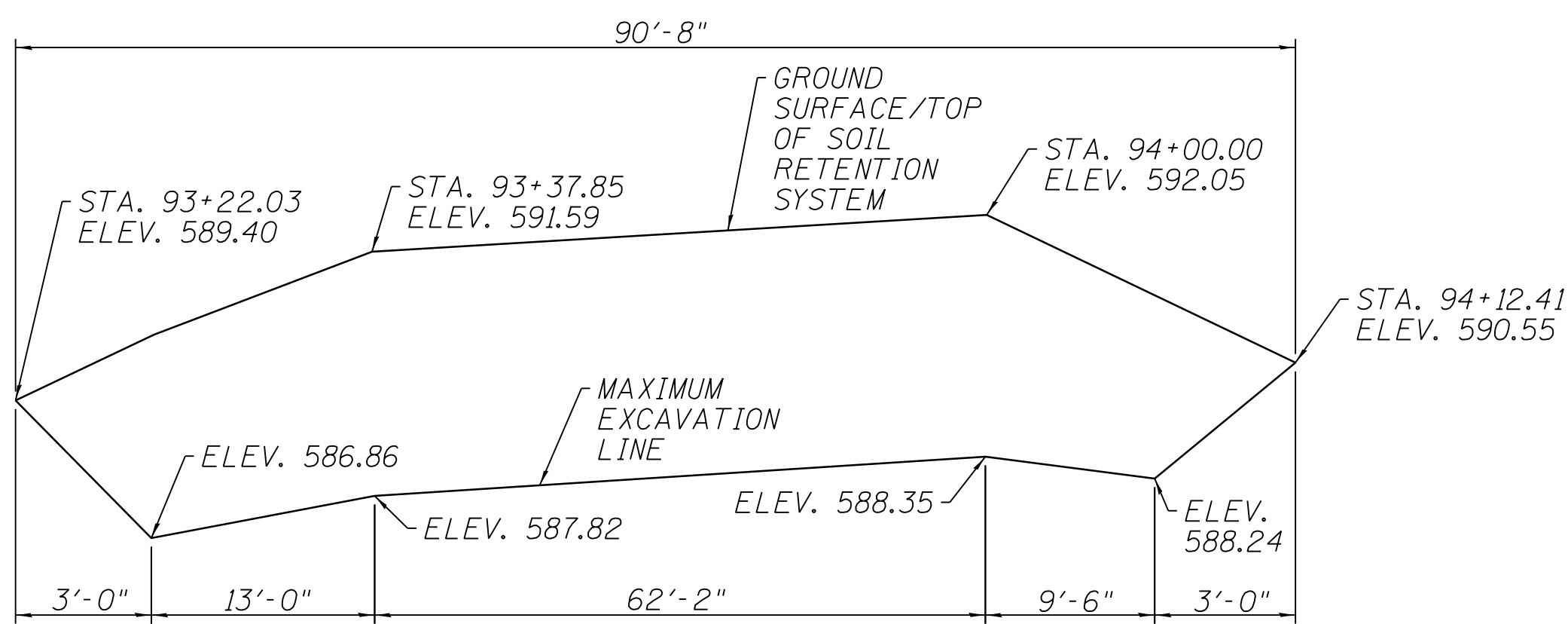


STA. 97+42.36 TO STA. 97+46.89
BAR v40 (E)



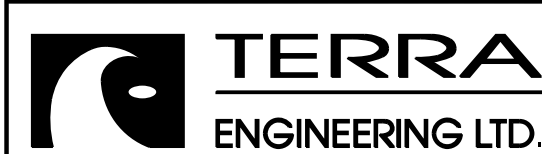
STA. 97+56.50 TO STA. 97+59.75
BAR v42 (E)

NOTE:
 ORDER v BARS FULL LENGTH. CUT AS SHOWN AND USE REMAINDER IN OPPOSITE END OF WALL SECTION.



TEMPORARY SOIL RETENTION SYSTEM
 (REFLECTED ELEVATION, LOOKING EAST)

M:\2017\17-29-000_EFK_Moon_IDDT_DUR_PTB_181-4\17-129-013_M0 13_Ashland_Ave-135th_St-Bridg_Remod_Con_Plan\Design_For_Printing_001\Transportation\CADD\CADD_Sheets\0112154-sit-ret-wall-details.dgn



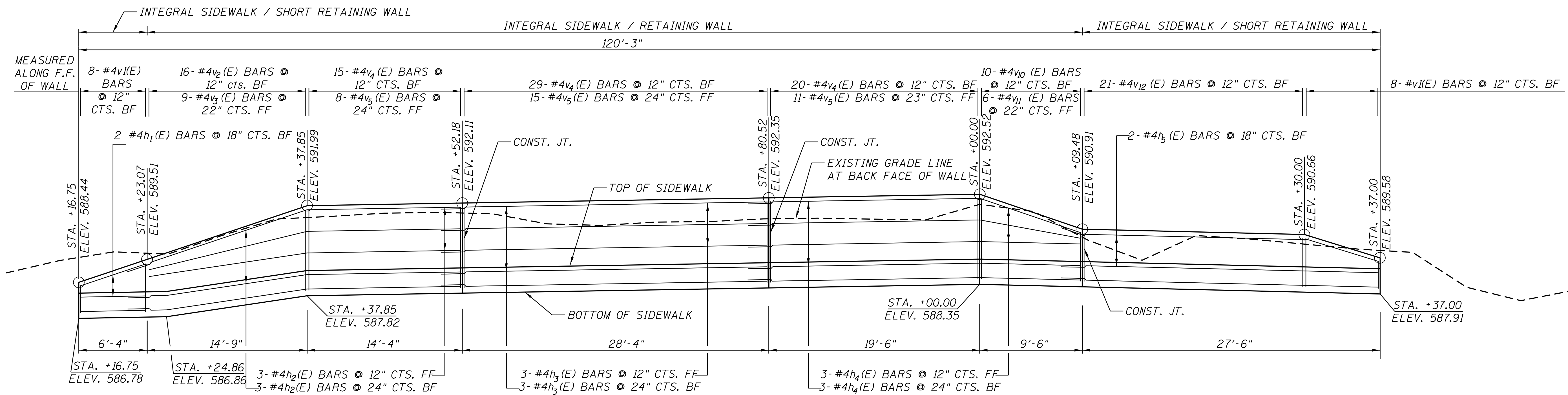
USER NAME = JuanS	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 RETAINING WALL DETAILS**

SCALE: SHEET NO. S5 OF S5 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 50
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

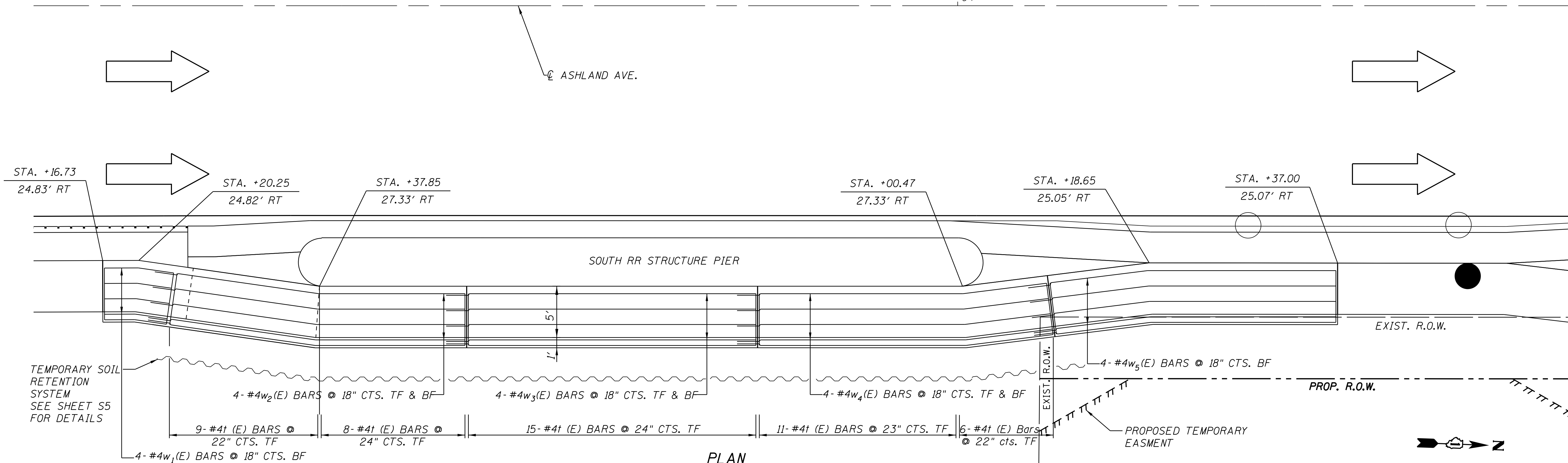


NOTES:

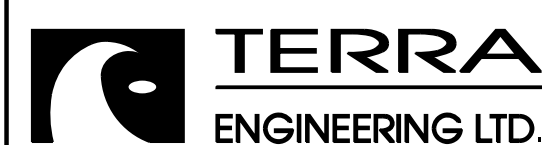
BF AND FF IN ELEVATION VIEW REFERS TO BACK FACE AND FRONT FACE RESPECTIVELY.
 BF AND TF IN PLAN VIEW REFERS TO BOTTOM FACE AND TOP FACE RESPECTIVELY.
 V BARS SHALL BE CUT AS SHOWN IN CUTTING DIAGRAMS ON SHEET 55.
 REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REFLECTED ELEVATION

94



PLAN



USER NAME = juons	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

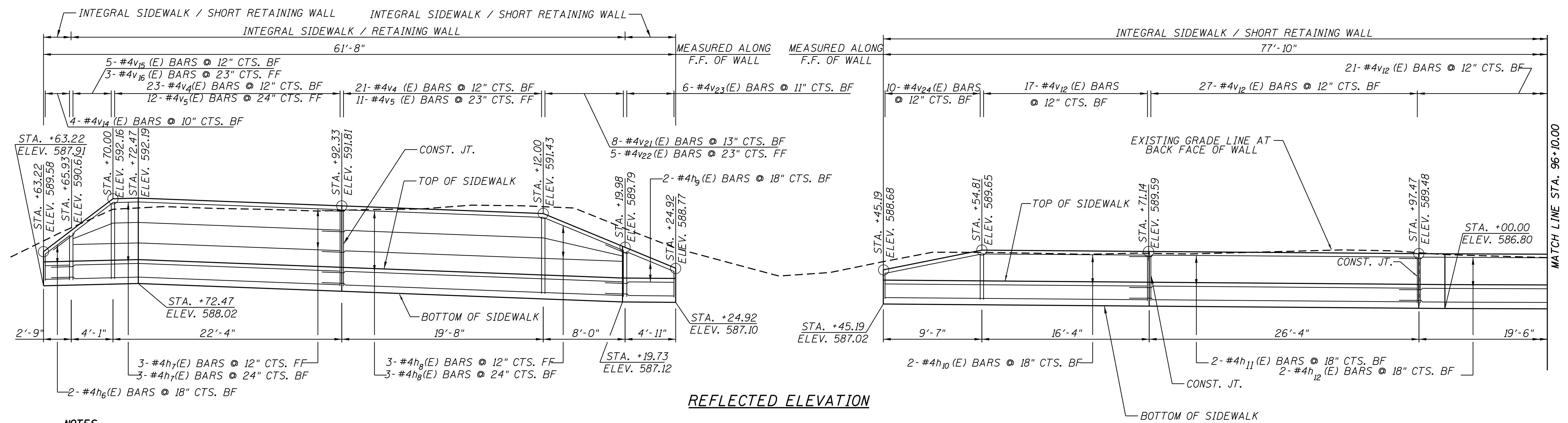
**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
RETAINING WALL GENERAL PLAN & ELEVATION**

SCALE: SHEET NO. S1 OF S5 SHEETS STA. TO STA.

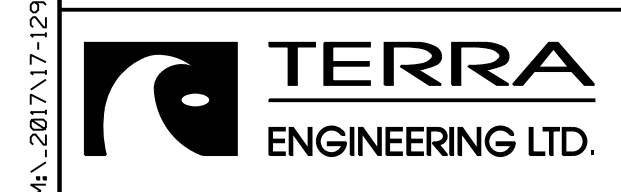
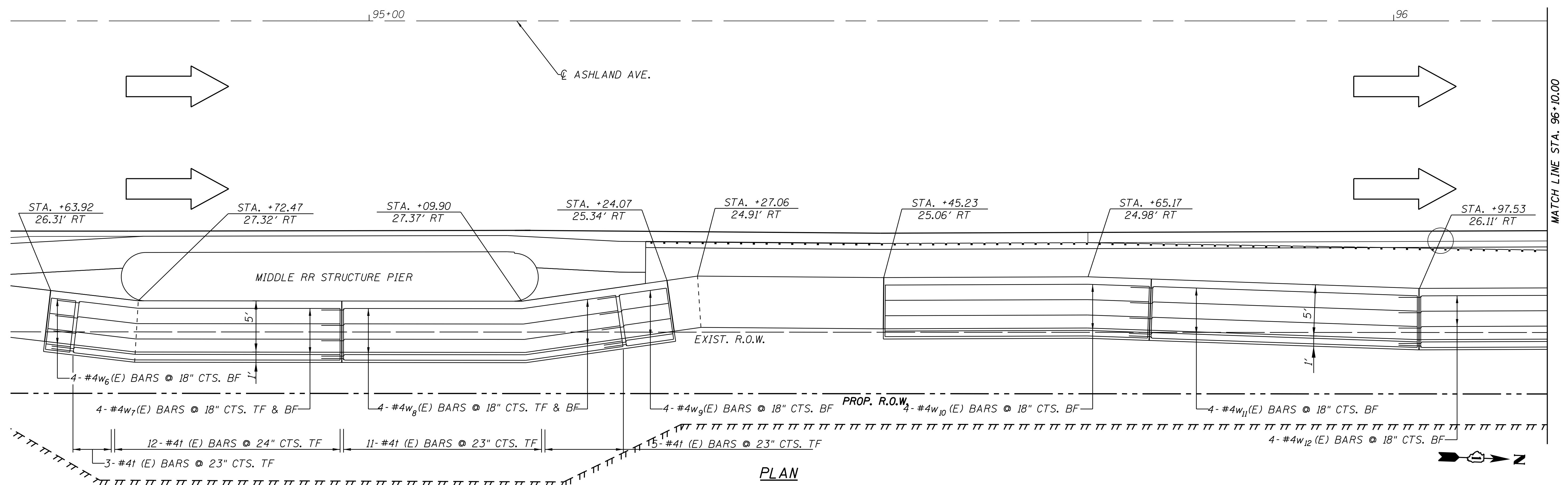
F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 46
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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NOTES:
 BF AND FF IN ELEVATION VIEW REFERS TO BACK FACE AND FRONT FACE RESPECTIVELY.
 BF AND TF IN PLAN VIEW REFERS TO BOTTOM FACE AND TOP FACE RESPECTIVELY.
 V BARS SHALL BE CUT AS SHOWN IN CUTTING DIAGRAMS ON SHEET 55.
 REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.



USER NAME = JUAN S	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

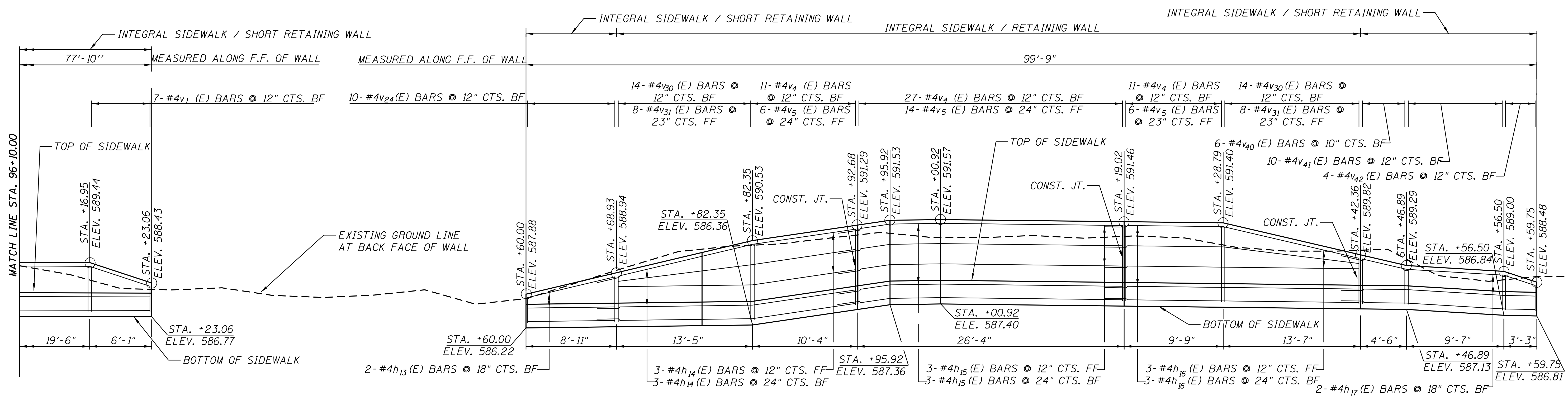
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 RETAINING WALL GENERAL PLAN & ELEVATION

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 47
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

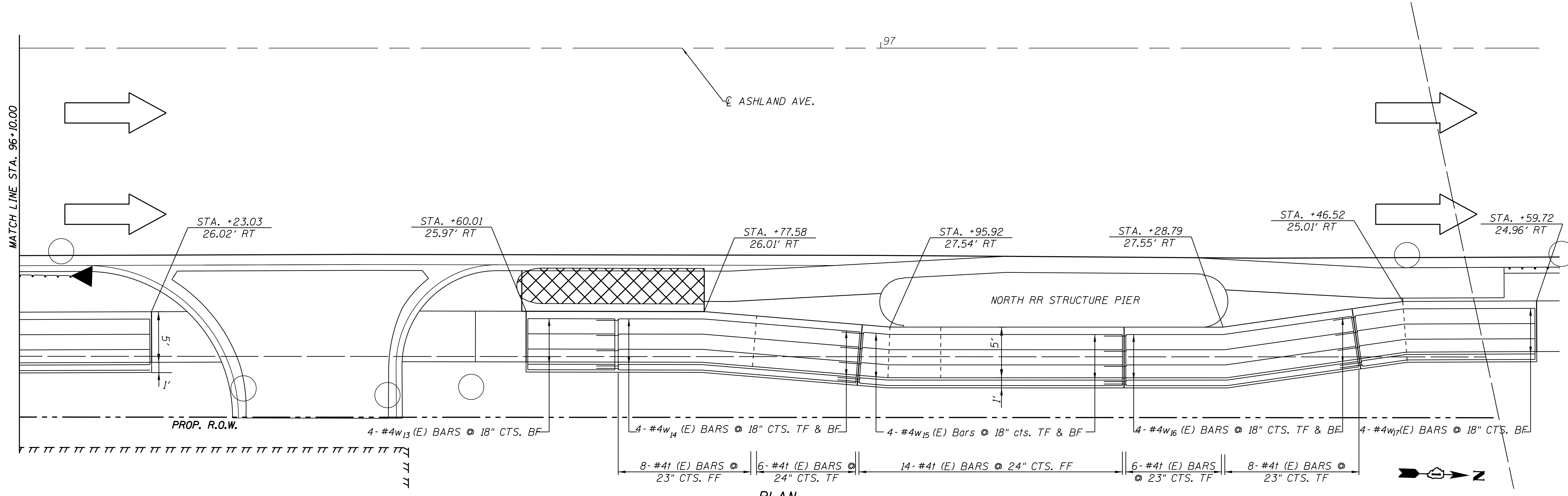
SCALE: SHEET NO. S2 OF S5 SHEETS STA. TO STA.

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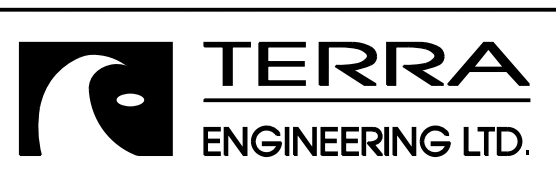


NOTES:
 BF AND FF IN ELEVATION VIEW REFERS TO BACK FACE AND FRONT FACE RESPECTIVELY.
 BF AND TF IN PLAN VIEW REFERS TO BOTTOM FACE AND TOP FACE RESPECTIVELY.
 V BARS SHALL BE CUT AS SHOWN IN CUTTING DIAGRAMS ON SHEET 55.
 REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REFLECTED ELEVATION



PLAN



USER NAME = juons	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 RETAINING WALL GENERAL PLAN & ELEVATION**

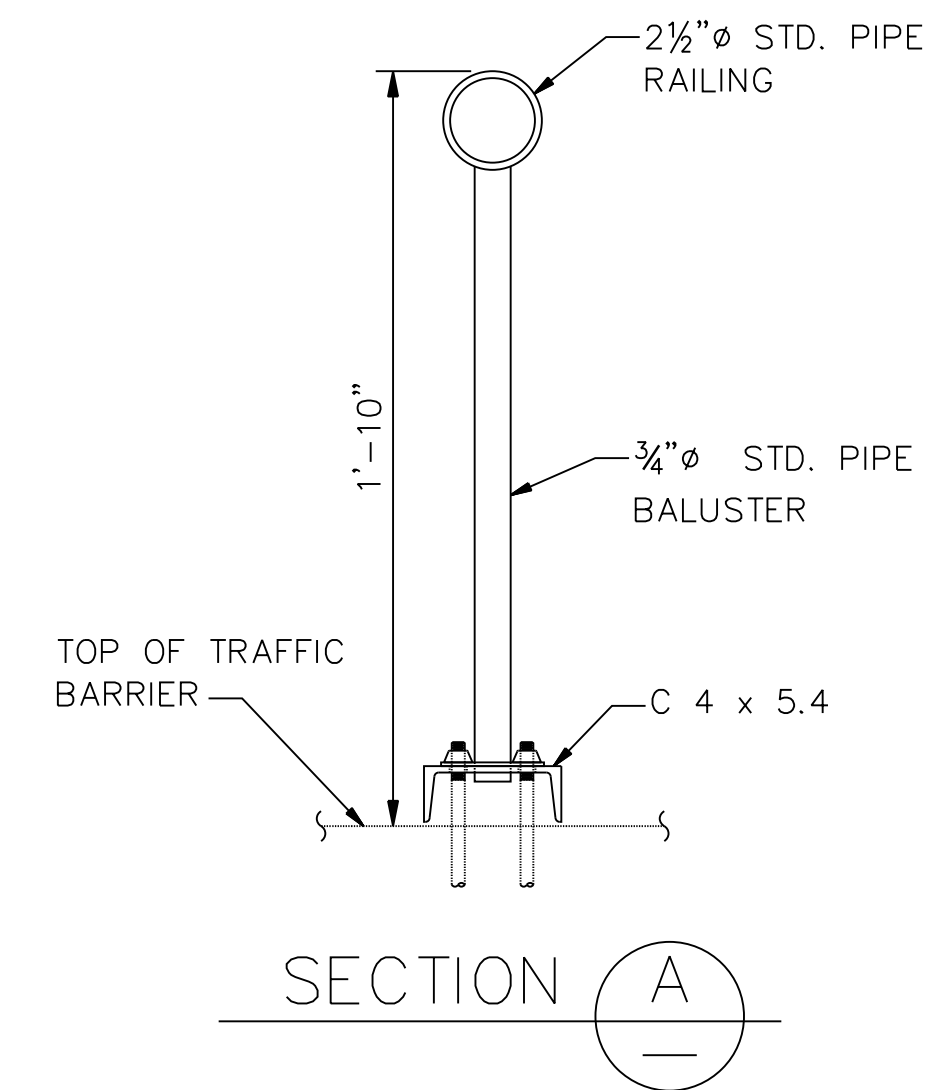
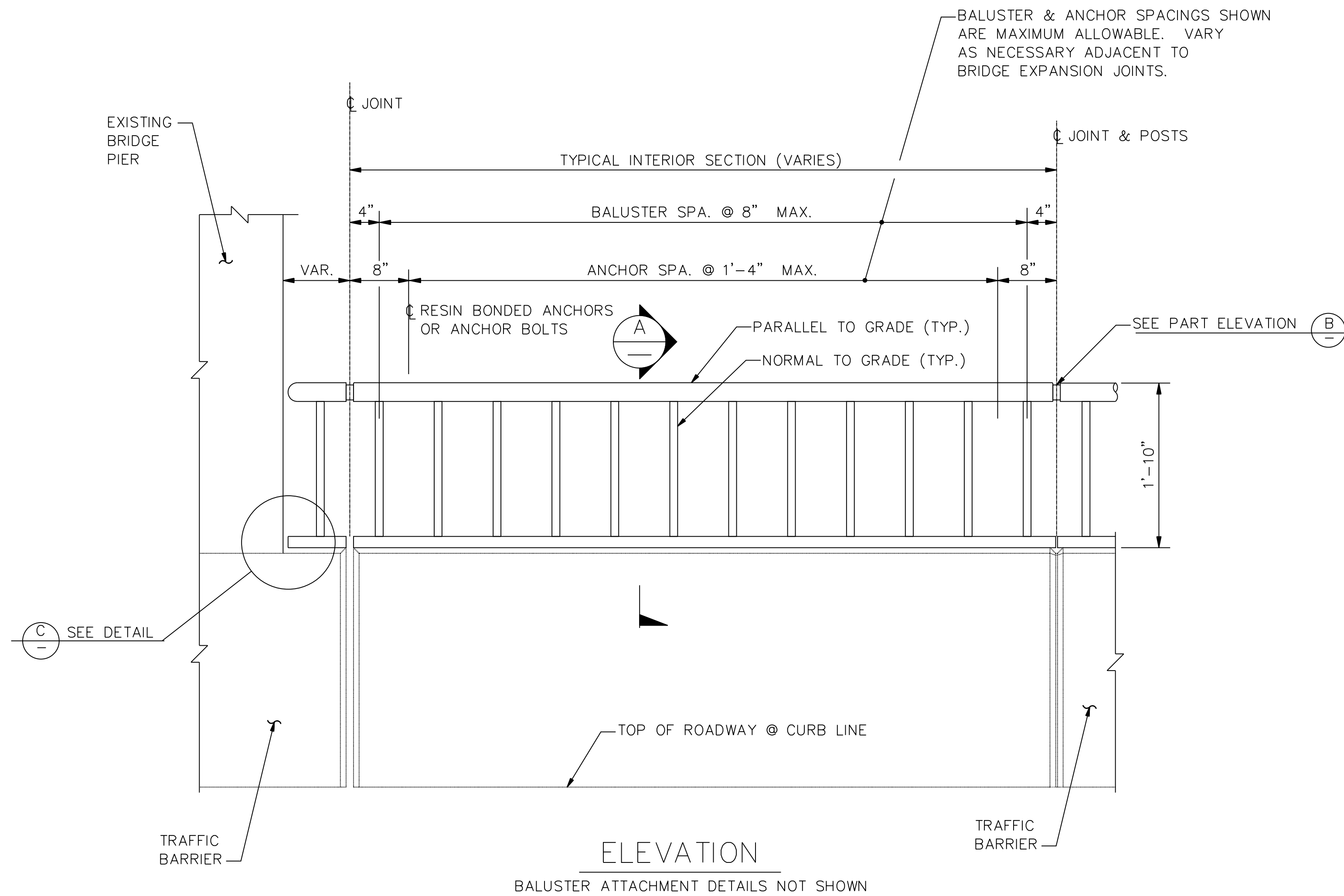
F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 48
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. S3 OF S5 SHEETS STA. TO STA.

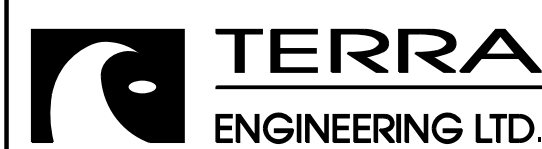
MAT'L	PART	MATERIAL SPECIFICATION
STEEL	PIPES	ASTM A53 GRADE B SCHEDULE 40 (STD. PIPE), GALVANIZED IN ACCORDANCE WITH AASHTO M 111.
	WASHERS	ASTM A 193 GRADE B7 GALVANIZED IN ACCORDANCE WITH AASHTO M 232.
	PLATES/BAR CHANNELS	ASTM A 36 GALVANIZED IN ACCORDANCE WITH AASHTO M 111
	DRIVE PINS	ASTM A 276 TYPE 302 STAINLESS STEEL
	ANCHOR BOLTS	ASTM F 593 TYPE 302 STAINLESS STEEL
	NUTS	TAMPER-PROOF TYPE OF EITHER CLEAR ANODIZED ALUMINUM OR ZINC ALLOY

NOTES

- PIPE RAILING, PIPE RAILING SPLICES, AND CHANNELS SHALL BE BENT TO THE HORIZONTAL CURVE WHERE THE RADIUS OF CURVATURE IS LESS THAN 200 FEET.
- SHOP DRAWINGS OF RAILING SHALL BE SUBMITTED FOR APPROVAL SHOWING COMPLETE DIMENSIONS AND DETAILS OF FABRICATION, GALVANIZING AND INCLUDING AN ERECTION DIAGRAM. MATERIAL BEING USED SHALL BE SPECIFIED IN THE SHOP DRAWINGS.
- THE BRIDGE RAILING SHALL BE HOT DIP GALVANIZED AFTER FABRICATION PER AASHTO M 111. ALL COMPONENTS OF RAIL PANEL, POSTS, AND SPLICE SLEEVES SHALL HAVE ALL SURFACES HOT DIP GALVANIZED PRIOR TO ASSEMBLY.
- CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH.
- PIPE RAILING, PIPE BALLUSTERS, RAILING SPLICE AND CHANNELS SHALL BE ADEQUATELY WRAPPED TO ENSURE SURFACE PROTECTION DURING HANDLING AND TRANSPORTATION TO THE JOB SITE.
- WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1.
- PIPE RAILING AND SPLICES MAY BE HEATED TO FACILITATE FORMING OR BENDING.
- THE CONTRACTOR SHALL REPAIR ALL GALVANIZED STEEL SURFACES DAMAGED BY FIELD OPERATIONS, BY PAINTING THE DAMAGED AREAS WITH TWO COATS OF PAINT CONFORMING TO FORMULA A-9-73 AS SPECIFIED IN SECTION 9-08.2 OF THE WASHINGTON STATE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.



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USER NAME = juonS	DESIGNED - BCB	REVISED -
	DRAWN - BCB	REVISED -
PLOT SCALE =	CHECKED - DPA	REVISED -
PLOT DATE = 10/10/2018	DATE - 10/17/14	REVISED -

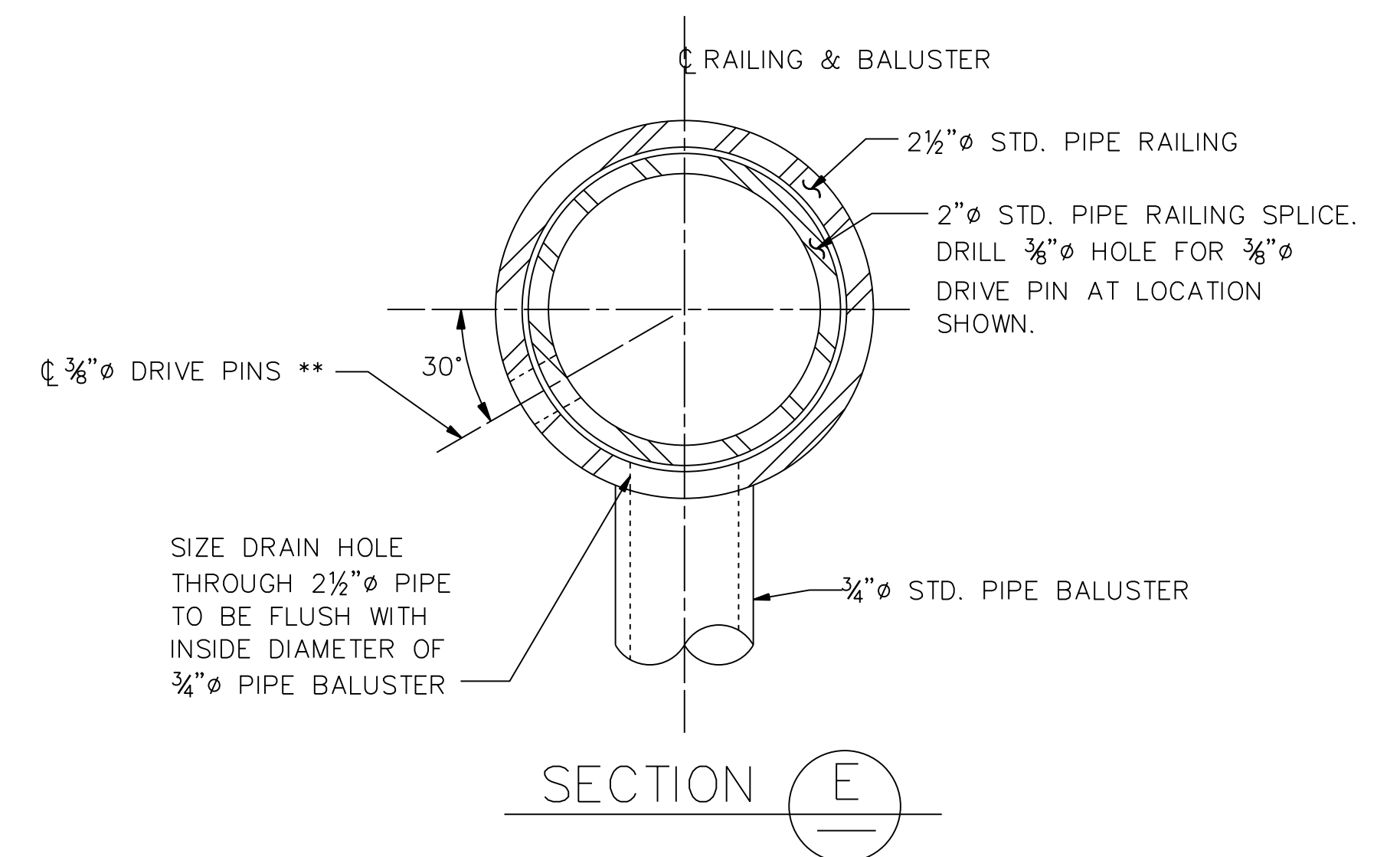
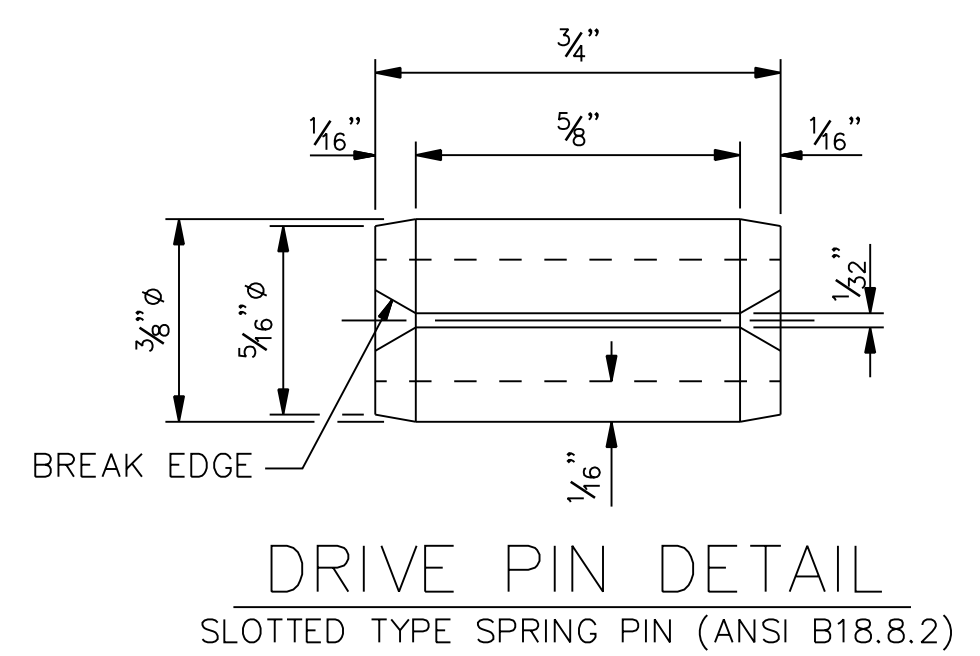
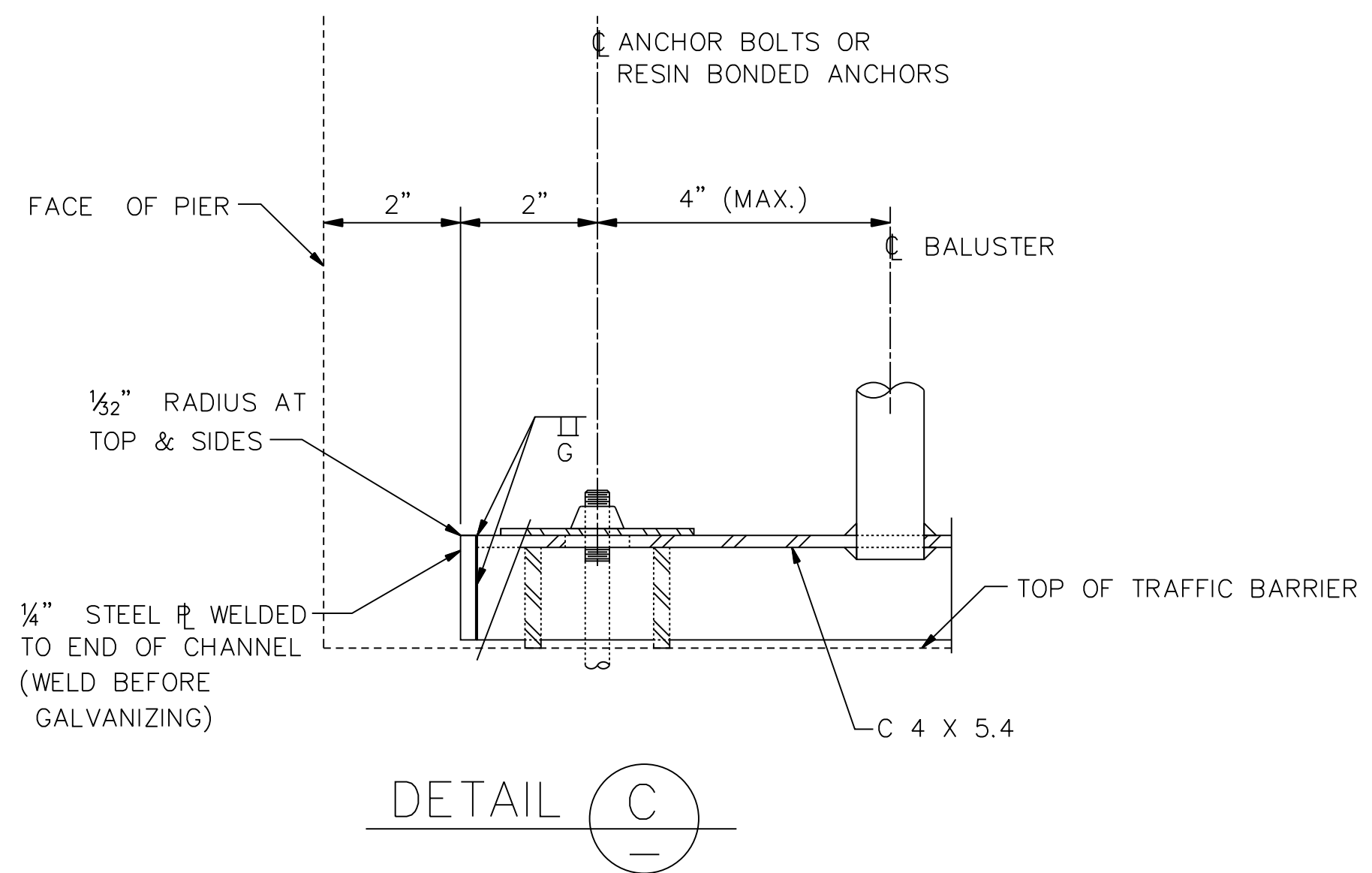
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PEDESTRIAN RAILING DETAILS**

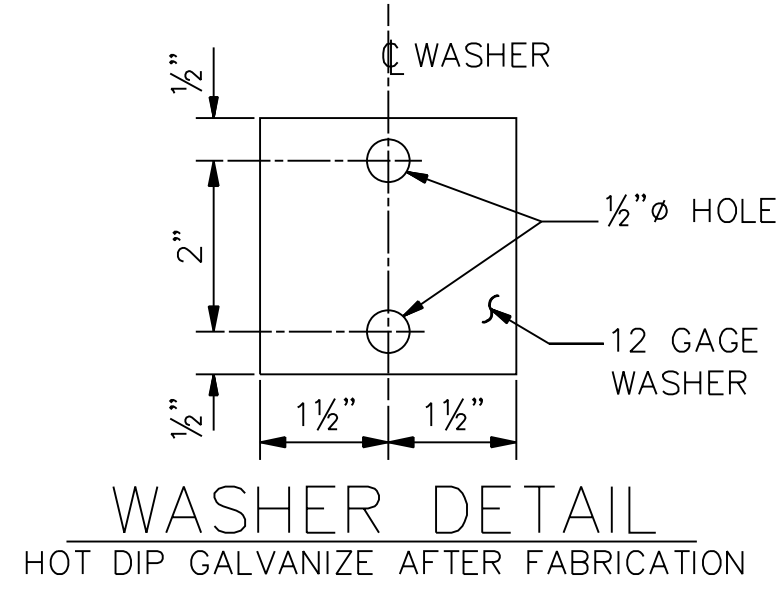
SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	51
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

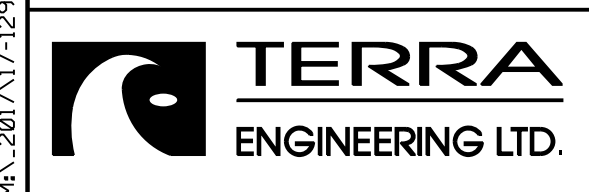
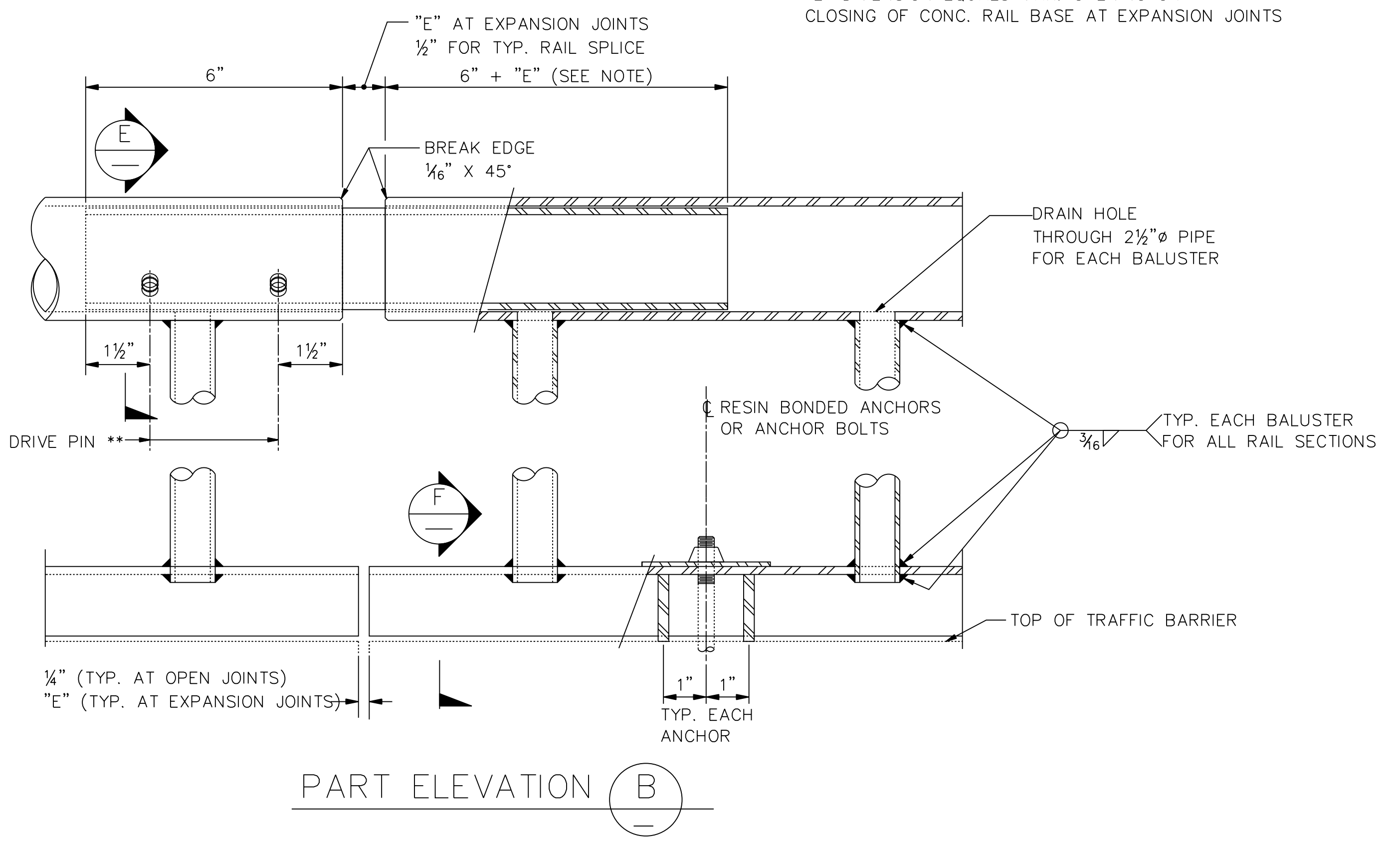
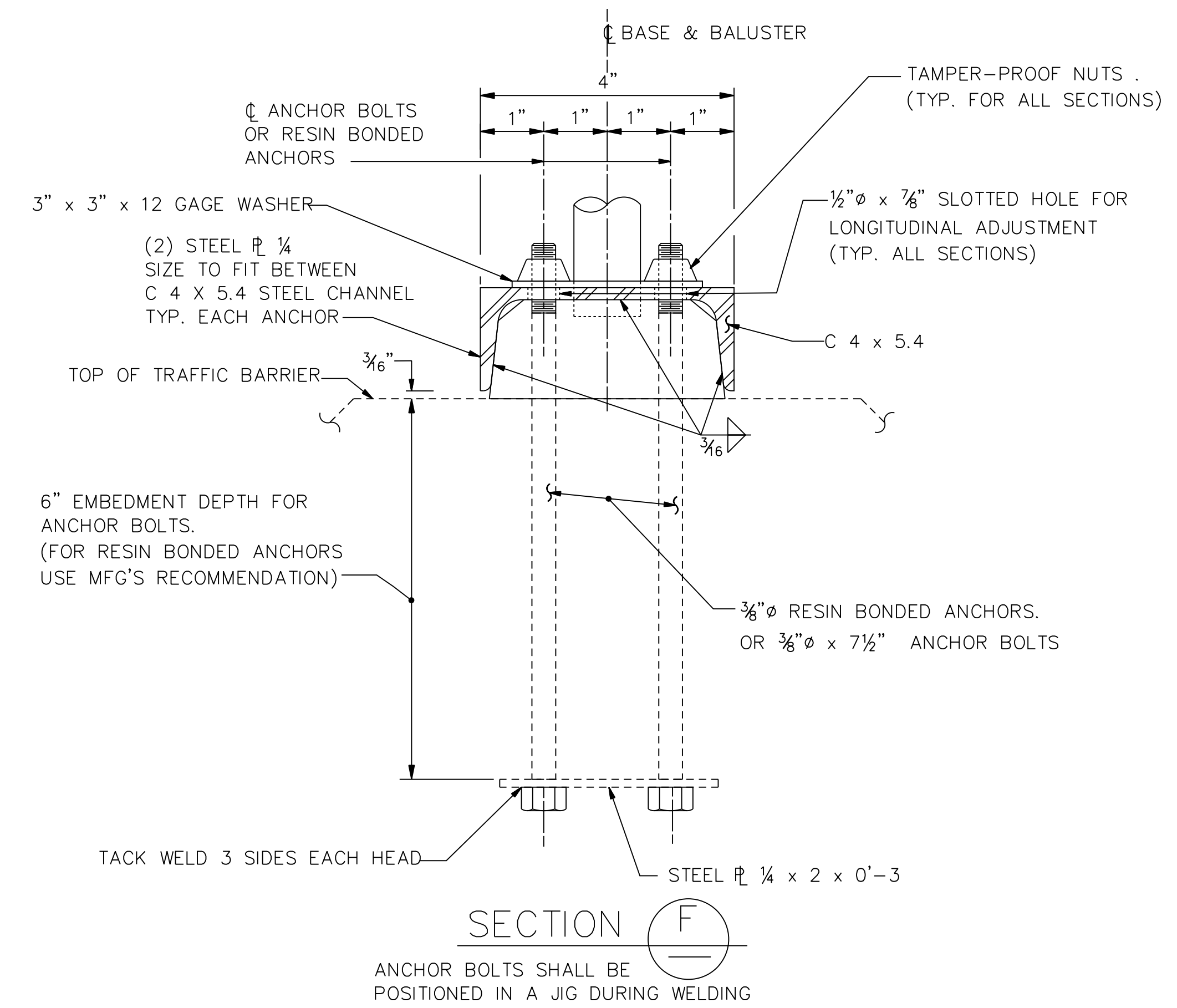
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** LOCATE ON OPPOSITE SIDE OF TRAFFIC.
 DRIVE PINS SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING



NOTE:
 "E" DIMENSION EQUALS MAX. OPENING OR CLOSING OF CONC. RAIL BASE AT EXPANSION JOINTS



USER NAME = juons	DESIGNED - BCB	REVISED -
PLOT SCALE =	DRAWN - BCB	REVISED -
PLOT DATE = 10/10/2018	CHECKED - DPA	REVISED -
	DATE - 10/17/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PEDESTRIAN RAILING DETAILS

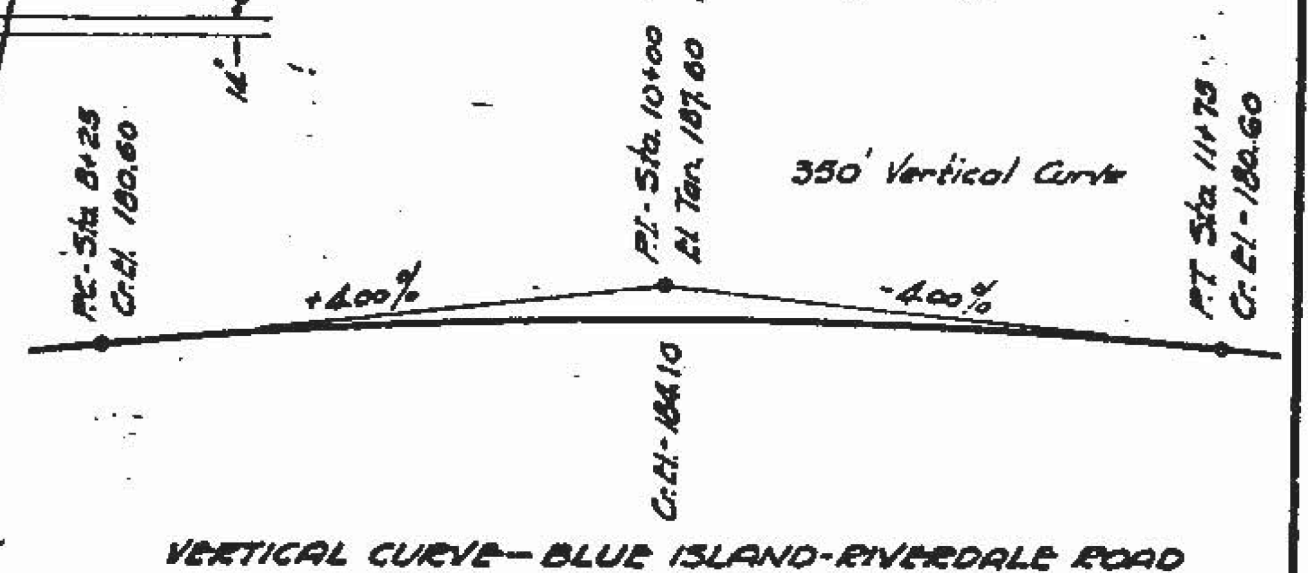
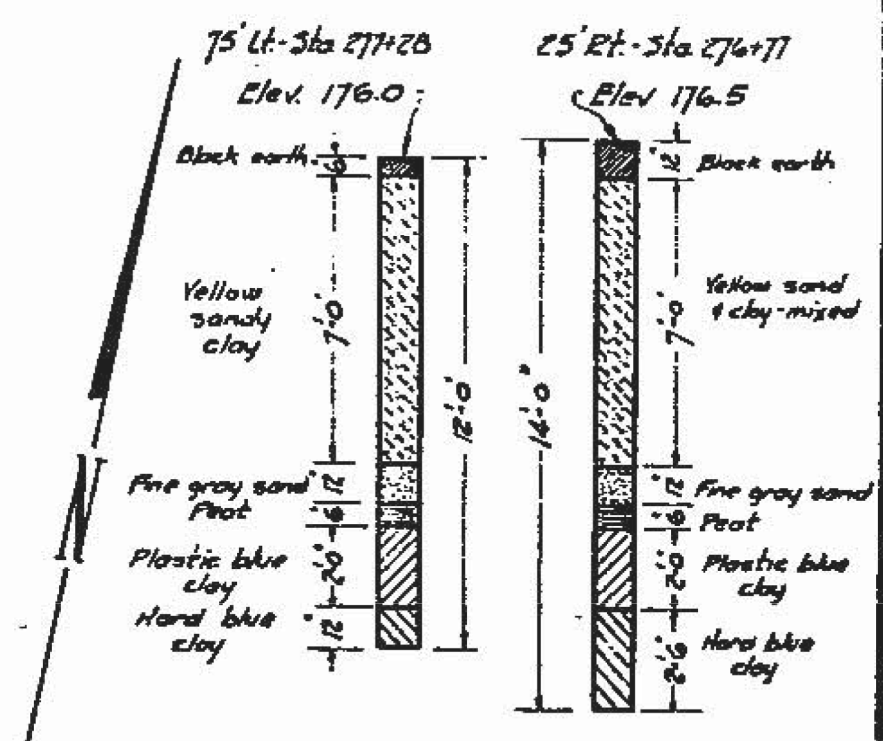
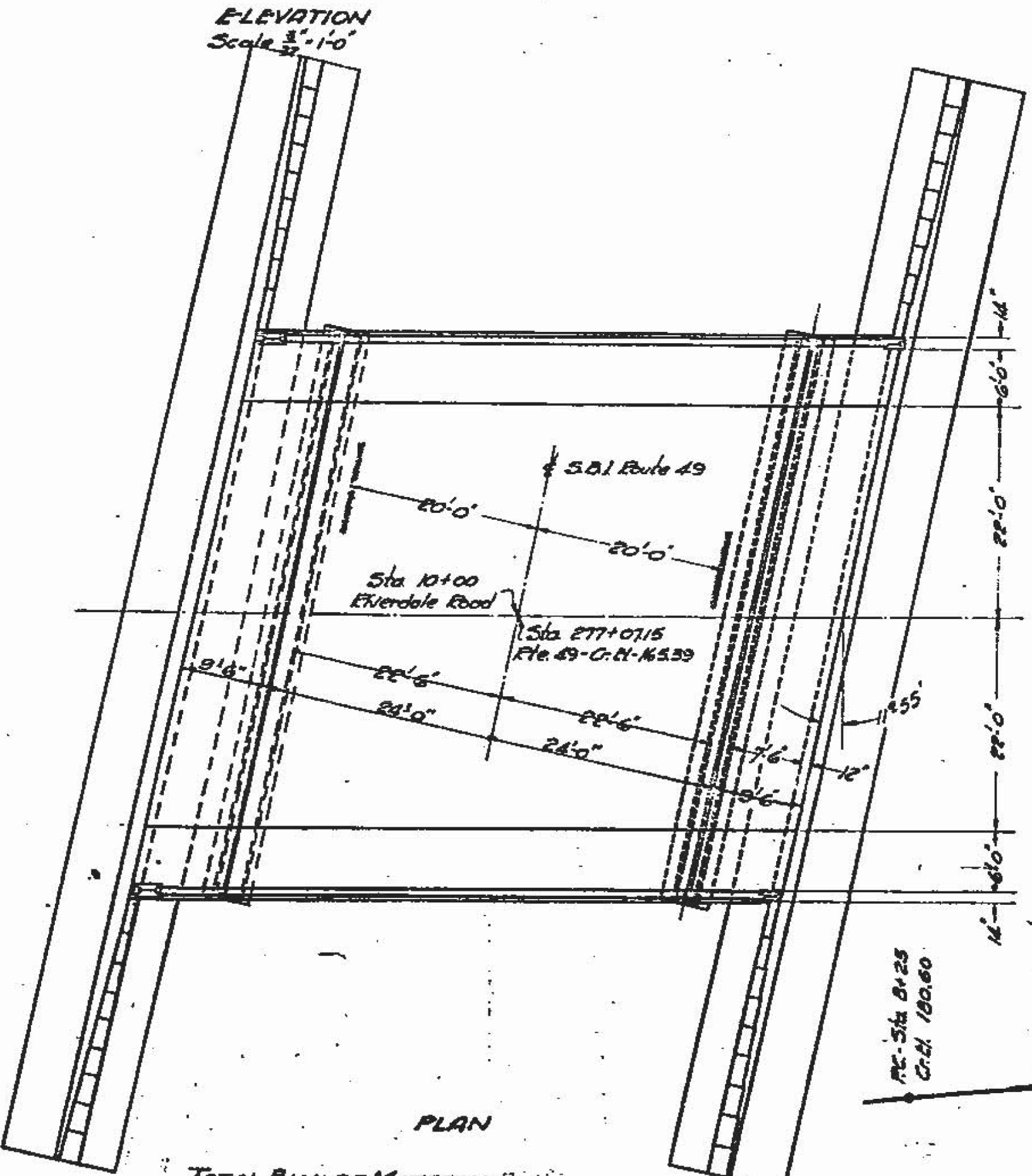
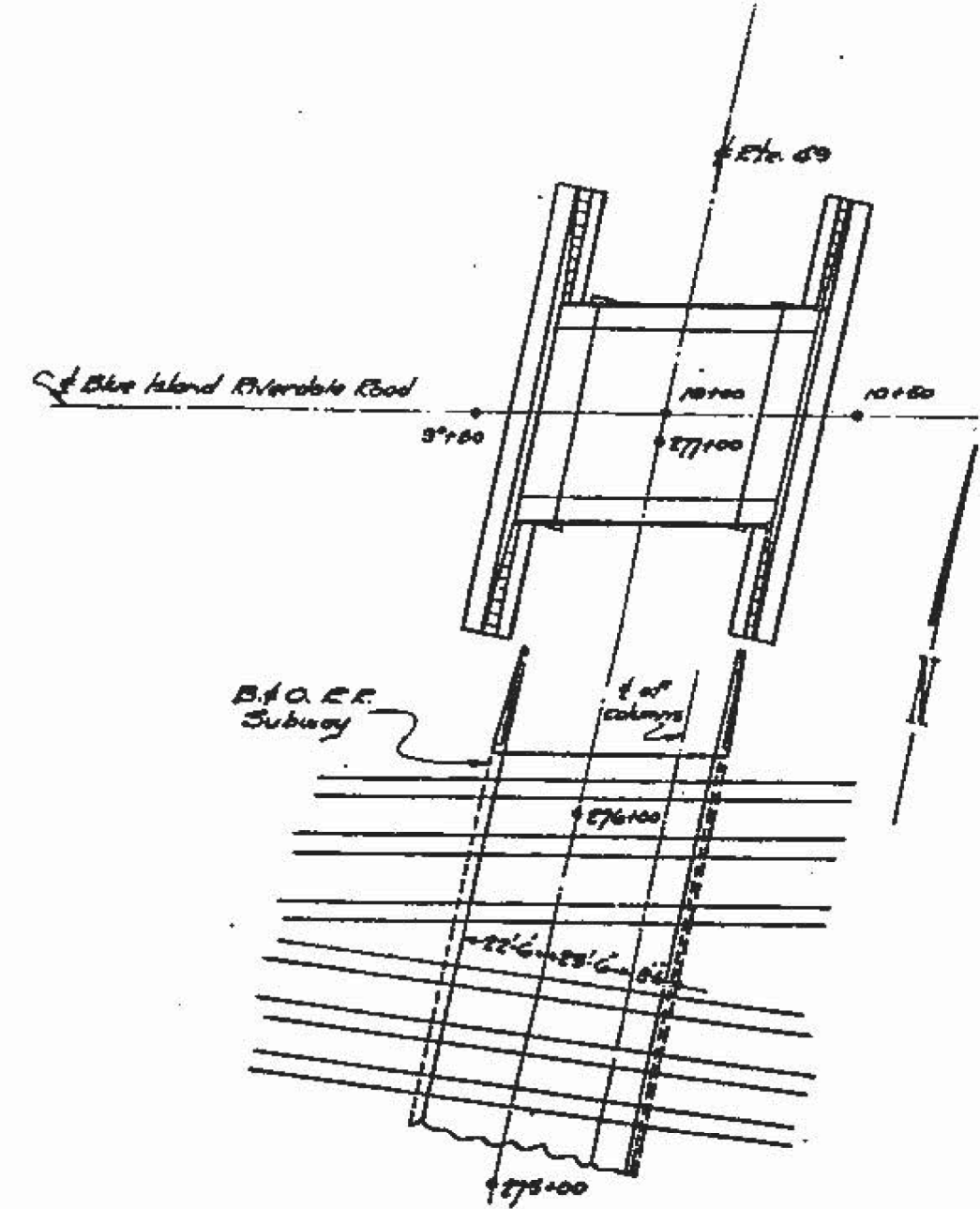
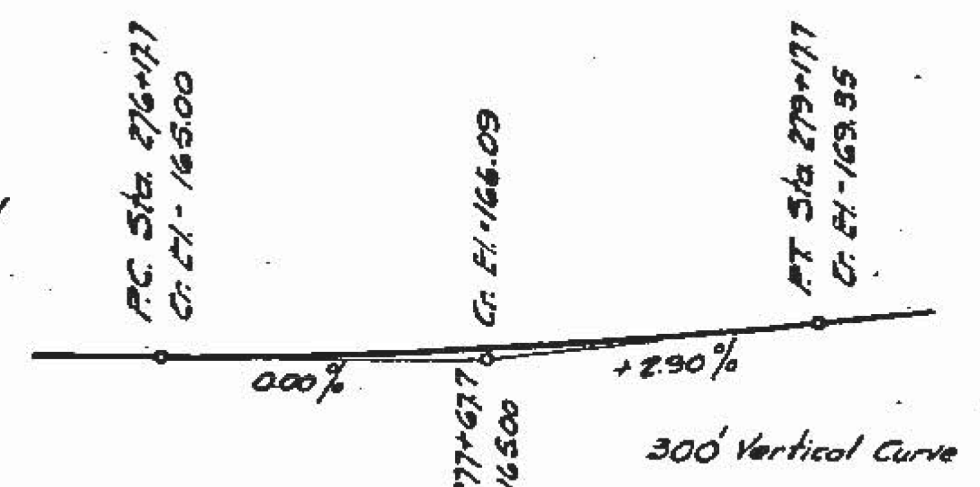
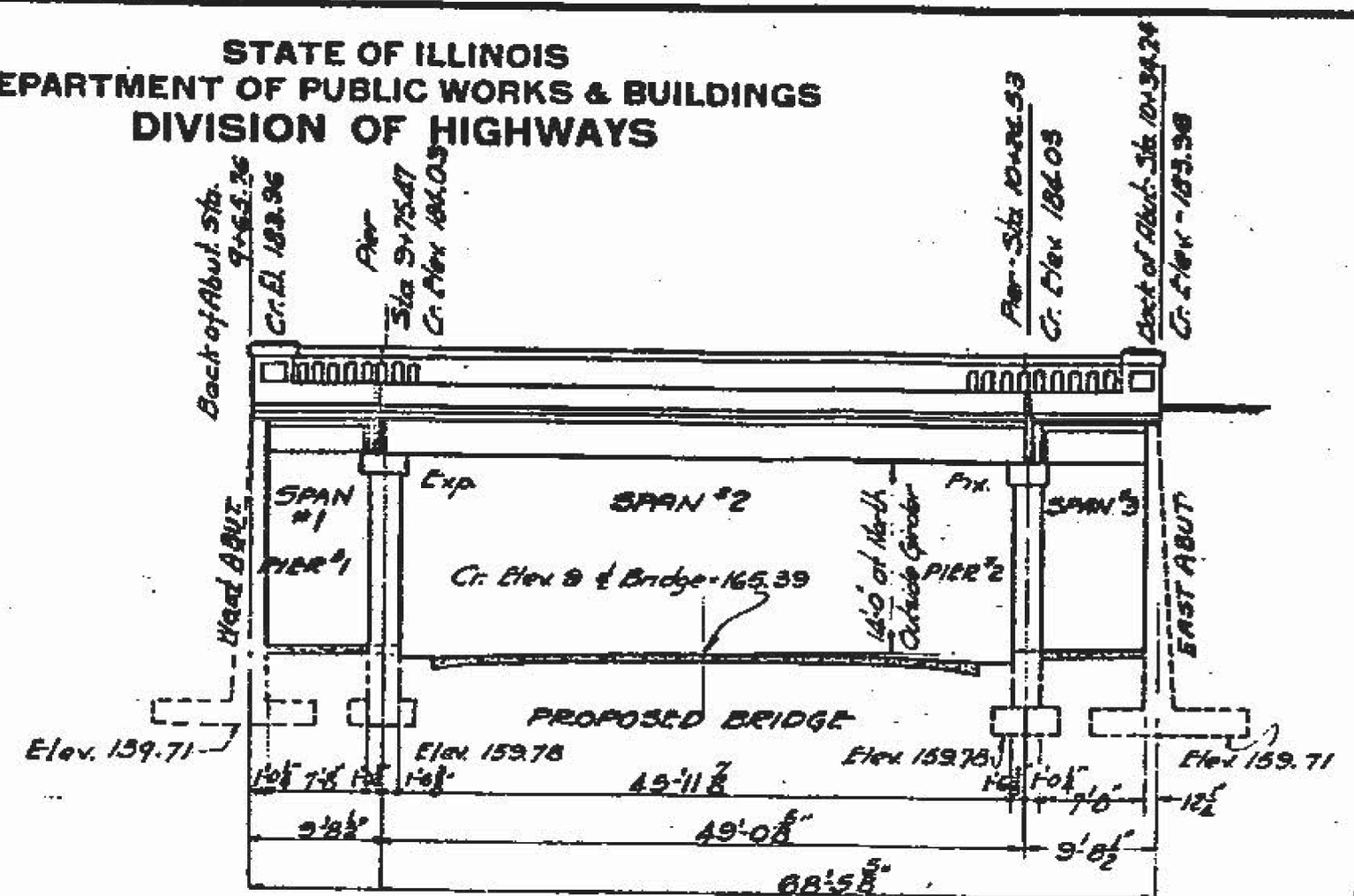
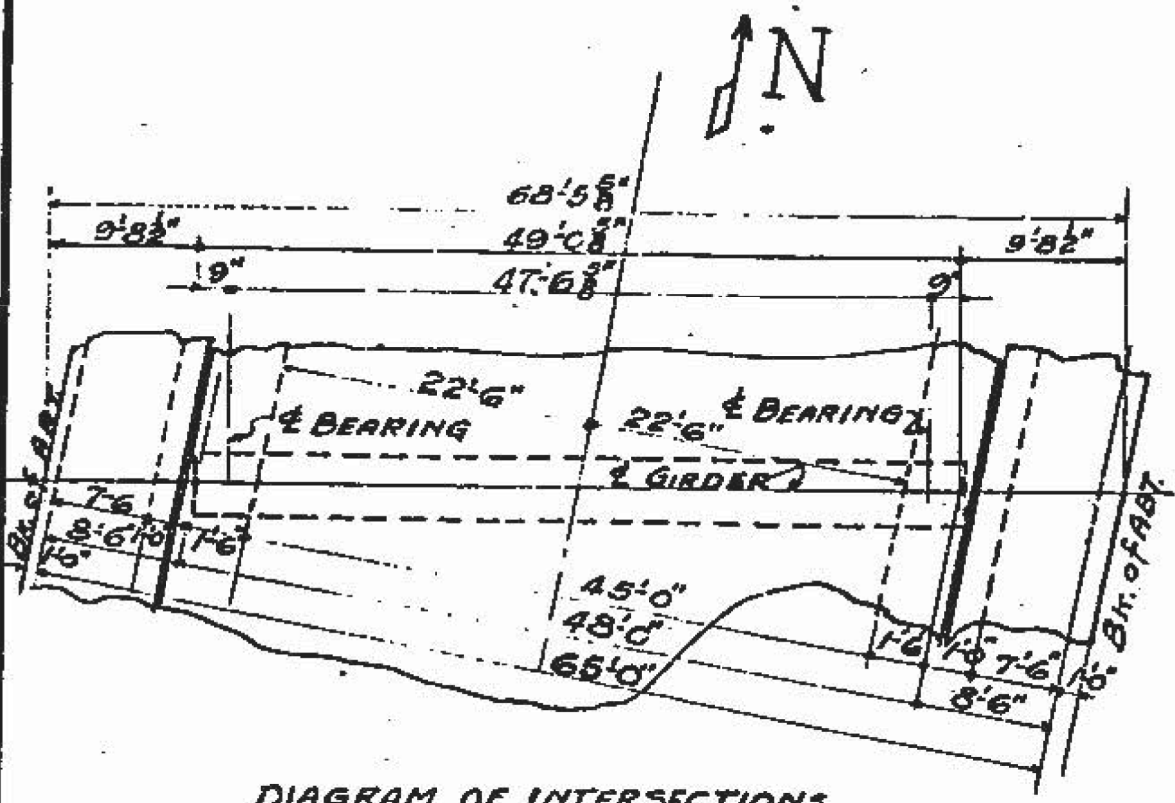
SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 52
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

FORM NO. 100	REV. 1-1-64	COUNTY	TOTAL SHEETS	SHEET NO.
49	146B-BR	Cook	6	2
SHEETS 6 SHEETS				

No existing structure
Bench Mark *56 - 7'N in root of 15'
cottonwood - Pt. of Sta 277+60 - 11/76/54



Note
Necessity for piles to be determined in the field. If piles are necessary the contractor shall drive one test pile as directed by the engineer before ordering piles.

TOTAL BILL OF MATERIAL

Unit	PILES Up to 20' - Lin Ft.	SUPER	ABUTS.	TOTAL
Class X Concrete - Cu Yds	271.06	162.7	465.0	898.7
Reinforcing Steel - Lbs.	56670	76800	57120	123100
4" P.C.C. Pavement - Sq Yds	331.5			331.5
Handrail Concrete Cu Yds	3.3			3.3
Hollow Floor or Wall Tiles Sq Ft	1517			1517
Wire Fabric - Sq Ft	834			834
Rockers & Plates - Lbs.	3670			3670
Sand Gravel - Cu Yds	540			540
Structural Steel (E20) - Lbs.	3440			3440
Test Pile	1			1

GENERAL ELEVATION & PLAN
No. 11-1
GRADE SEPARATION
S.D.I. ROUTE 49 - SEC. 16-G-H-N.R.H.
COOK COUNTY
STATION 277+07.15

COMPUTED	J.R. Schmitzer
CHECKED	J.R. Graham
DRAWN	J.R.G.
CHECKED	J.R.G.
ASSEMBLED	
CHECKED	

EXAMINED 4-18-33
BRIDGE ENGINEER
PASSED
APPROVED
ENGINEER IN CHARGE

Revised - 11-22-33 G.H.K.
Checked - 11-25-33 - J.R.G.

11-28-33
J.R.G.

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

SN 016-1004
EXISTING BRIDGE DETAILS

REVISIONS	
NAME	DATE

SCALE: VERT. 1" = 10'-0"
HORIZ. 1" = 40'-0"
DATE
DRAWN BY
DESIGNED BY
CHECKED BY

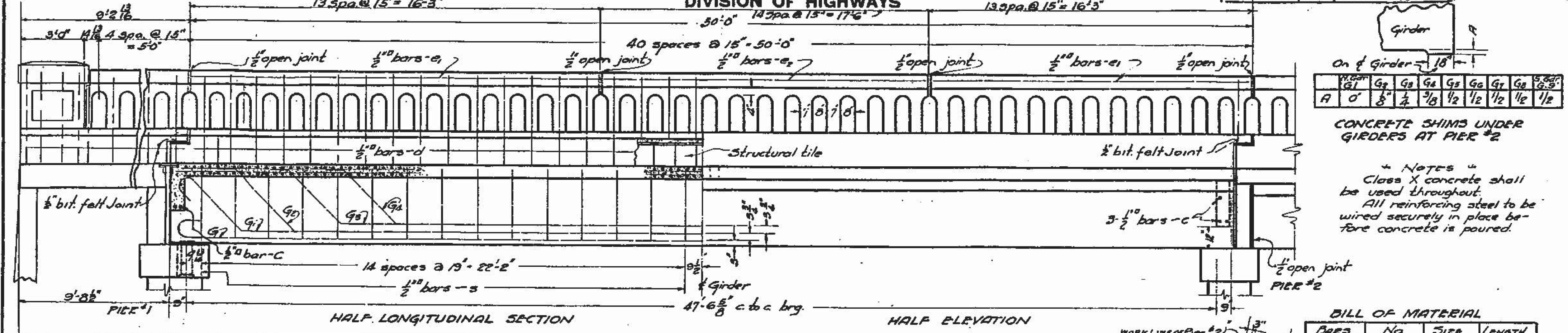
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	53
CONTRACT NO. 60484				

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

NO. FROM SHEET	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
49	146B-NAN	Cook	6	3

SHEET NO. 2
5 SHEETS

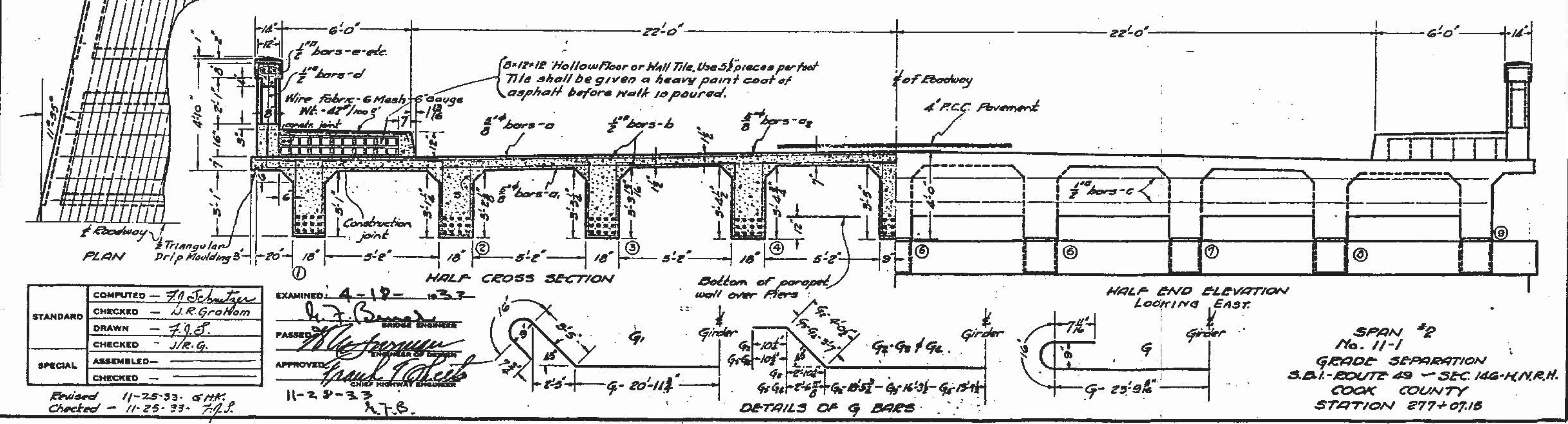
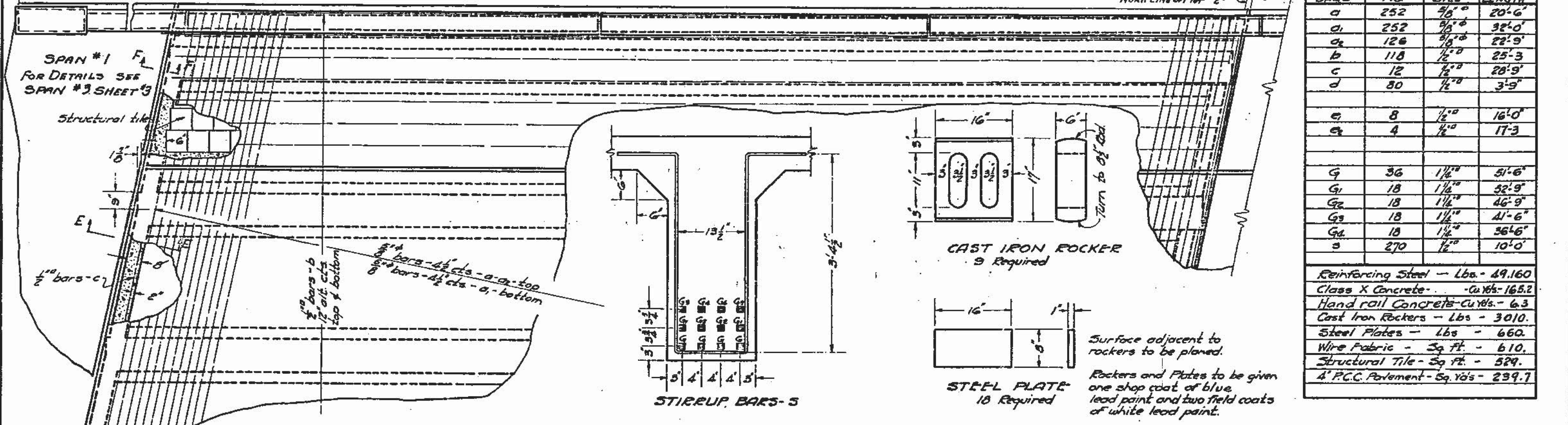
No existing structure
Bench Mark - 56 - AN in root of 15' cottonwood - Right Sta 277+60 - Elev 176.84



BILL OF MATERIAL

QTY	NO	SIZE	LENGTH
a	252	3/8"	20'-6"
d1	252	1/2"	32'-0"
d2	126	1/2"	22'-9"
b	118	1/2"	25'-3"
c	12	1/2"	28'-9"
d	80	1/2"	3'-9"
e	8	1/2"	16'-0"
e1	4	1/2"	17'-3"
G	36	1 1/2"	51'-6"
G1	18	1 1/2"	52'-9"
G2	18	1 1/2"	46'-9"
G3	18	1 1/2"	41'-6"
G4	18	1 1/2"	36'-6"
s	270	1/2"	10'-0"

Reinforcing Steel - Lbs - 49,160
Class X Concrete - cu yds - 165.2
Hand rail Concrete-Curbs - 6.3
Cast Iron Rockers - Lbs - 3,010
Steel Plates - Lbs - 660
Wire Fabric - Sq Ft - 610
Structural Tile - Sq Ft - 529
4" P.C.C. Pavement - Sq Yds - 239.7



COMPUTED - F.A. Schmitt
CHECKED - W.R. Grothom
DRAWN - F.A.S.
CHECKED - J.R.G.
SPECIAL ASSEMBLED -
CHECKED -
EXAMINED - 4-12-33
PASSED -
APPROVED -
11-23-33

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

SN 016-1004
EXISTING BRIDGE DETAILS

REVISIONS

NAME	DATE

SCALE: VERT. HORIZ.
DATE
DRAWN BY
DESIGNED BY
CHECKED BY

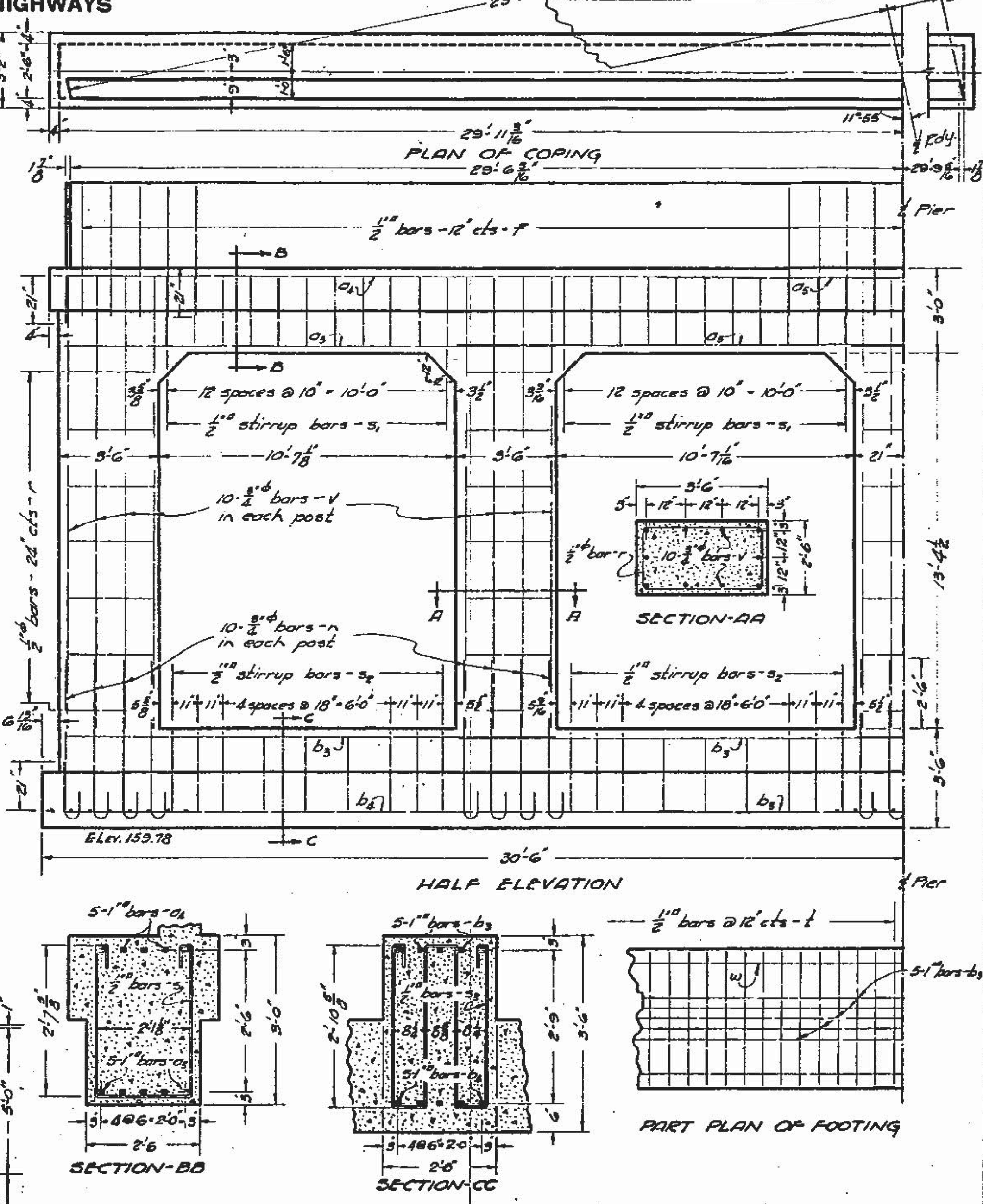
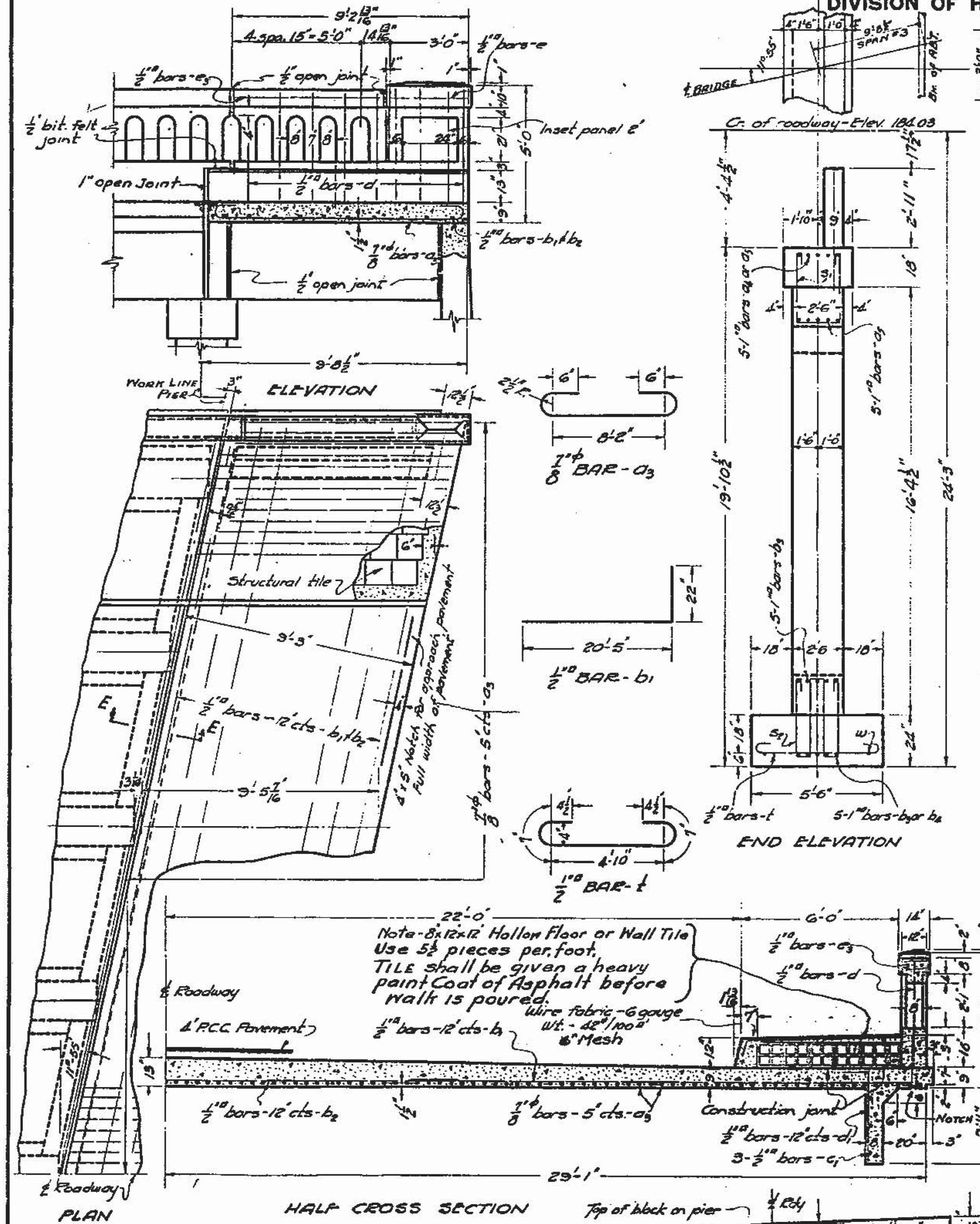
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	54

CONTRACT NO. 60484
ILLINOIS FED. AID PROJECT

MXL201717-129-000 EFK Meen IDOT DUR PTB 181-417-129-013 MD 13 Ashland Av-135th St. Bldg. Rem-1 Con. P.W. Design For Printing ONLY Transportation-CADD-CADD Sheets, SN 016-1004 EXISTING PLANS, 02.dgn

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

DATE OF SHEET	NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4-9	146B-DM	Cook	6	4
SHEET NO. 3				



Note: 8x12x12 Hollow Floor or Wall Tile
 Use 5 1/2 pieces per foot.
 TILE shall be given a heavy
 paint coat of Asphalt before
 walk is poured.
 Wire fabric - 6 gauge
 Wt. - 42 lbs/100 sq ft
 1/2" Mesh

BILL OF MAT. FOR SPAN #1 & 3

BAR	No.	SIZE	LENGTH
a3	278	1/2"	10'-6"
b1	36	1/2"	22'-5"
b2	18	1/2"	21'-0"
c1	12	1/2"	7'-3"
d	36	1/2"	3'-9"
e1	32	1/2"	11'-3"
e2	8	1/2"	21'-9"
e3	8	1/2"	3'-9"

Class X Conc. Span - Cu Yds - 45.8
 Hand Pail Conc - Cu Yds - 3.1
 Reinforcing Steel - Lbs - 7330
 Wire Fabric - Sq Ft - 224
 Structural Tile - Sq Ft - 188
 P.C.C. Pavement - Sq Yds - 91.8

BILL OF MAT. FOR PIER #2

BAR	No.	SIZE	LENGTH
a4	10	1/2"	26'-3"
a5	25	1/2"	17'-6"
b3	25	1/2"	17'-6"
b4	10	1/2"	26'-3"
f	59	1/2"	4'-6"
h	50	3/4"	6'-3"
v	50	3/4"	16'-0"
r	55	1/2"	13'-0"
s1	52	1/2"	6'-9"
s2	36	1/2"	18'-0"
w	6	1/2"	2'-3"
z	61	1/2"	6'-9"

Class X Concrete - Cu Yds - 79.0
 Reinforcing Steel - Lbs - 8280

Notes -
 Class X concrete to be
 used throughout.
 All reinforcing steel to be
 wired securely in place before
 concrete is poured.

SPAN #1 & 3 & PIER #2
 GRADE SEPARATION
 S.B.I. ROUTE 49 - SEC. 166-H.N.R.H.
 COOK COUNTY
 STATION 277+07.15

COMPUTED	- F.O. Schuster
CHECKED	- H.R. Groham
DRAWN	- F.O.S.
CHECKED	- J.R.G.
ASSEMBLED	-
CHECKED	-

Revised 11-24-33 - G.H.K.
 Checked - 7-25-33 - F.O.S.

EXAMINED	- A-19-1933
PASSED	-
APPROVED	-

North End PIER #2
 South End PIER #1
 55'-5 3/8"
 WEDGE UNDER SLAB OVER PIER NO 1-2
 Top of abut. Width - 12'
 EL + 182.51
 North End For East ABUT.
 South End For West ABUT.
 55'-5 3/8"
 WEDGE UNDER SLAB OVER ABUTMENT
 Build wedges monolithic with slab.

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SN 016-1004
 EXISTING BRIDGE DETAILS

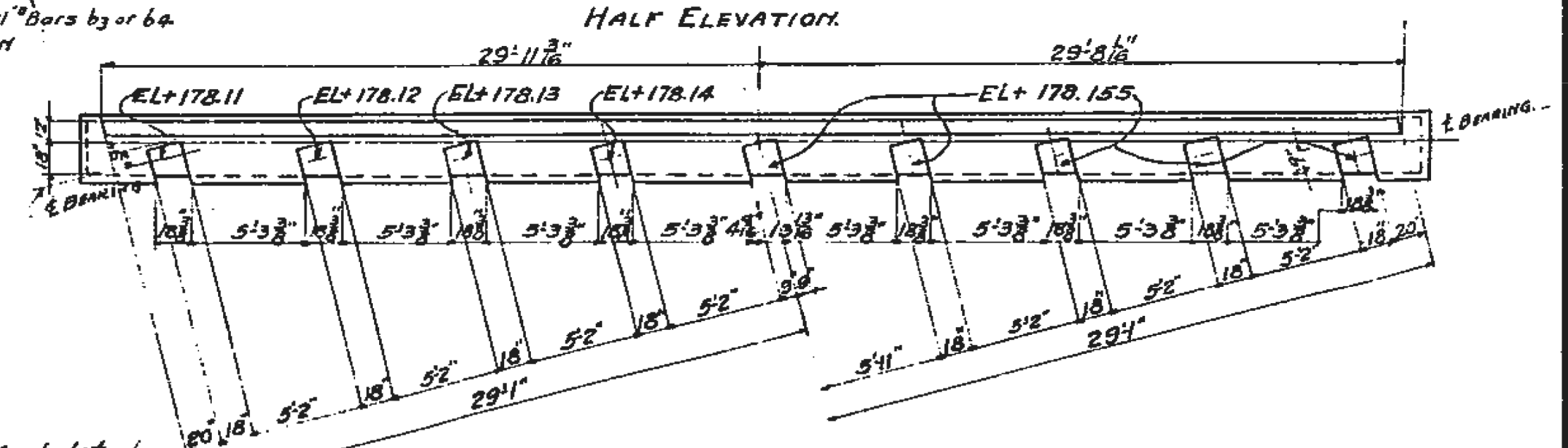
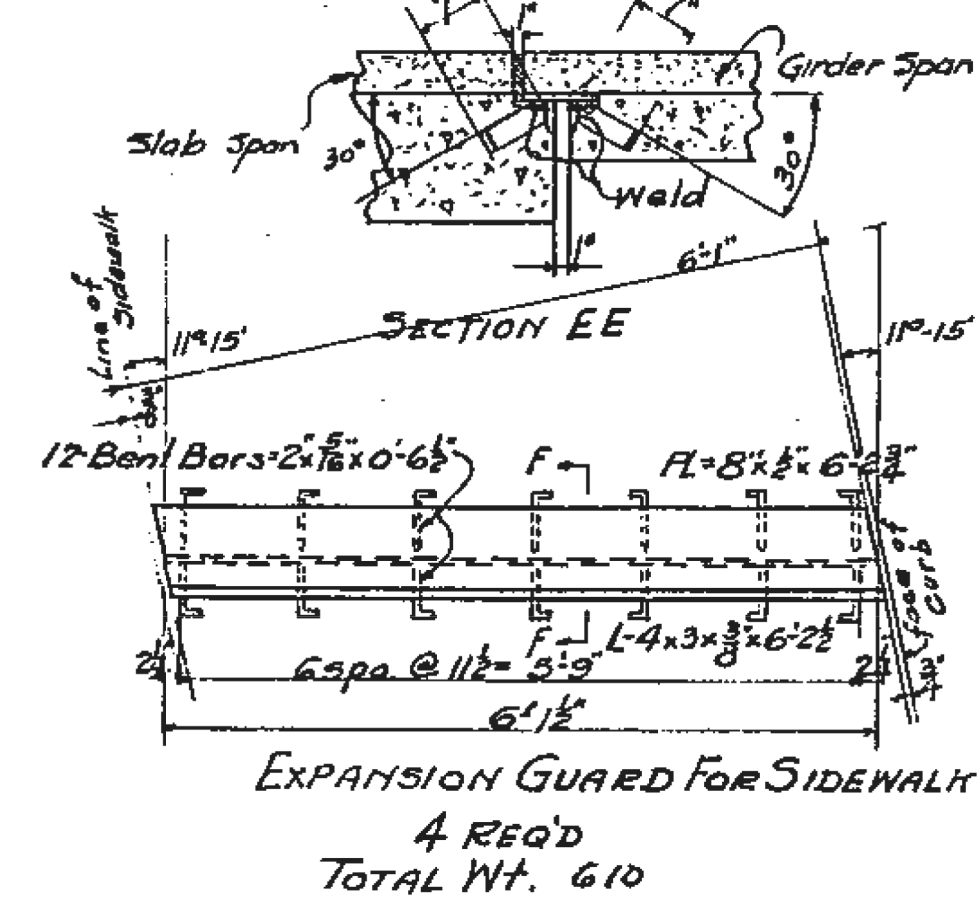
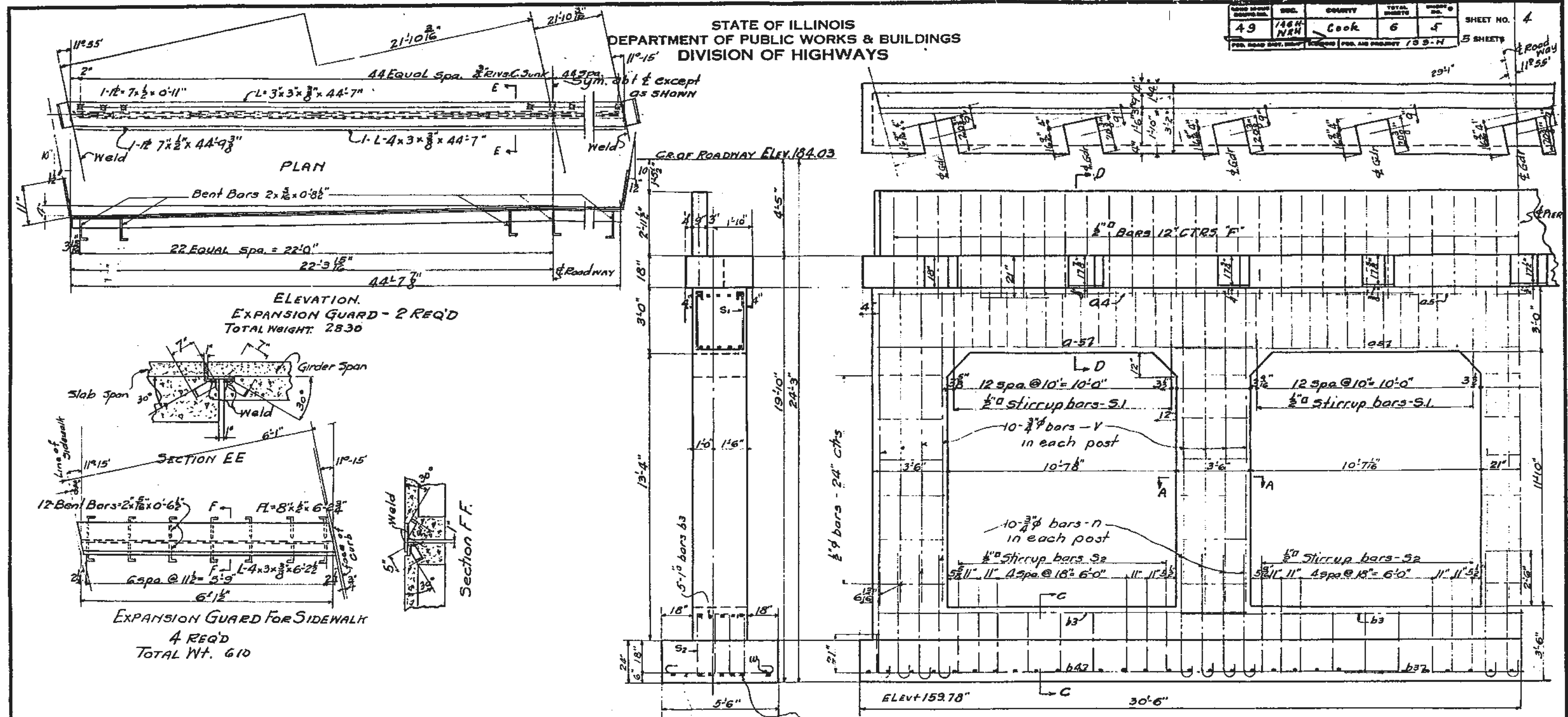
REVISIONS	
NAME	DATE

SCALE: VERT. HORIZ.
 DATE
 DRAWN BY
 DESIGNED BY
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	55
CONTRACT NO. 60484				

NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
49	146B-NR.H	Cook	5	4

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS



NOTES -
 Class X Concrete to be used throughout.
 All reinforcing steel to be wired securely in place before concrete is poured.

BILL MAT FOR PIER #1

BAR	No	SIZE	LENGTH
a4	10	1"Ø	26'3"
a5	25	1"Ø	17'6"
b3	25	1"Ø	17'6"
b4	10	1"Ø	26'3"
f	39	1/2"Ø	4'6"
n	50	3/8"Ø	6'3"
v	50	3/8"Ø	14'6"
r	30	1/2"Ø	12'0"
s1	32	1/2"Ø	8'9"
s2	36	1/2"Ø	15'0"
w	6	1/2"Ø	21'3"
l	61	1/2"Ø	6'9"

Class X Concrete - Cu Yds 83.7
 Reinforcing Steel - lbs - 8120

PIER #1
 No. 11-1
 GRADE SEPARATION
 S.B.I. ROUTE 49-SEC. 146-H.N.R.H.
 COOK COUNTY
 STATION 277+07.15

COMPUTED	J. H. Kurigan
CHECKED	F. J. Schmitt
DRAWN	J. H. K.
CHECKED	F. J. S.
ASSEMBLED	
CHECKED	

EXAMINED 11-28-1933
 PASSED
 APPROVED
 CHIEF HIGHWAY ENGINEER

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SN 016-1004
 EXISTING BRIDGE DETAILS

REVISIONS	
NAME	DATE

SCALE: VERT. HORIZ.
 DATE
 DRAWN BY DESIGNED BY CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	56
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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ROAD DISTRICT NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
49	146B-NR.H.	Cook	6	6

5 SHEETS

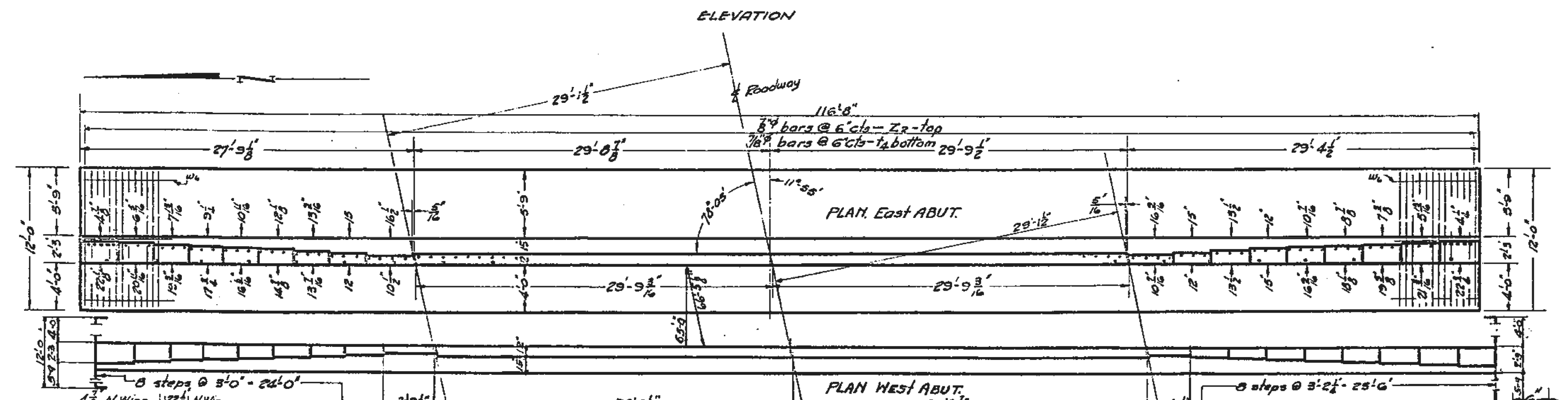
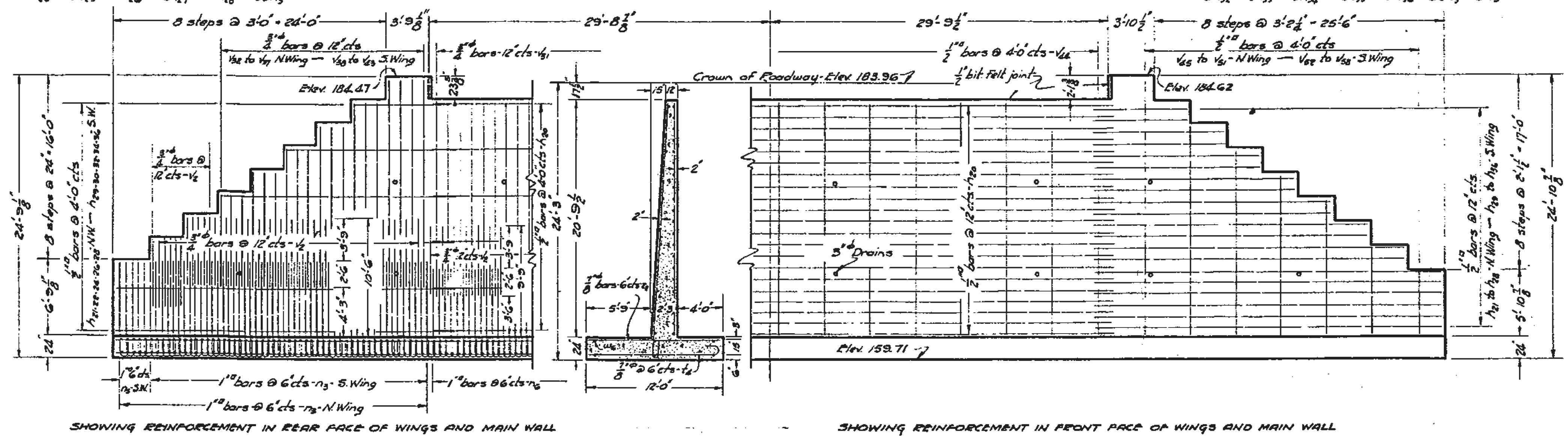
No existing structure
 Bench Mark 56 - P.N. in root of 15' cottonwood - Ft. of Sta 277+60 - Elev. 176.84

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

BARS IN NORTH WING - 30# 3/4 3/8 3/16
 3/16 3/16 3/16 4/16 1/4 1/4 1/4 1/4
 1/4 1/4 1/4 1/4 3/16 3/16 2/16
 3/16 2/16 3/16 2/16 3/16 5/16

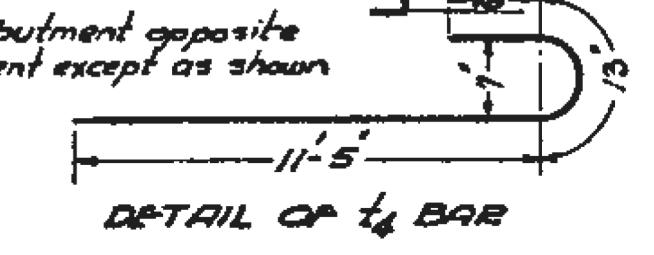
BARS IN MAIN WALL
 60# 5/4 15/4 8/16 120#

BARS IN SOUTH WING - 32# 3/4 3/8 3/16
 3/16 3/16 3/16 4/16 1/4 1/4 1/4 1/4
 1/4 1/4 1/4 1/4 3/16 3/16 2/16
 3/16 2/16 3/16 2/16 3/16 5/16 6/16



BILL OF MATERIAL FOR ABUTMENTS - EAST & WEST

Bars	No	Size	Length	Bars	No	Size	Length	Bars	No	Size	Length
Va	244	3/4"	6'-3"	Va	2	1/2"	8'-0"	h1	6	1/2"	27'-6"
Va	118	3/4"	17'-0"	Va	2	1/2"	6'-0"	h2	4	1/2"	24'-6"
Va	6	3/4"	0'-5"	Va	2	1/2"	22'-6"	h3	6	1/2"	21'-5"
Va	6	3/4"	10'-3"	Va	2	1/2"	18'-3"	h4	4	1/2"	18'-3"
Va	6	3/4"	12'-3"	Va	2	1/2"	16'-3"	h5	6	1/2"	15'-0"
Va	6	3/4"	14'-3"	Va	2	1/2"	14'-0"	h6	4	1/2"	11'-9"
Va	6	3/4"	16'-3"	Va	2	1/2"	12'-0"	h7	6	1/2"	8'-9"
Va	6	3/4"	18'-3"	Va	2	1/2"	7'-9"	h8	2	1/2"	3'-9"
Va	6	3/4"	7'-9"	Va	2	1/2"	3'-6"	h9	2	1/2"	3'-9"
Va	6	3/4"	3'-9"	Va	2	1/2"	3'-6"	h10	2	1/2"	3'-9"
Va	6	3/4"	12'-0"	h11	162	1/2"	21'-0"	h11	12	1/2"	8'-6"
Va	6	3/4"	12'-0"	h12	18	1/2"	29'-6"	h12	240	1"	3'-0"
Va	6	3/4"	16'-3"	h13	6	1/2"	26'-6"	h13	37	4/16"	11'-9"
Va	6	3/4"	18'-3"	h14	4	1/2"	23'-6"	h14	24	4/16"	13'-0"
Va	30	1/2"	20'-3"	h15	6	1/2"	20'-6"	h15	60	3/16"	24'-6"
Va	2	1/2"	22'-6"	h16	4	1/2"	17'-6"	h16			
Va	2	1/2"	20'-6"	h17	6	1/2"	14'-6"	h17			
Va	2	1/2"	12'-6"	h18	4	1/2"	11'-6"	h18			
Va	2	1/2"	12'-6"	h19	6	1/2"	8'-6"	h19			
Va	2	1/2"	12'-6"	h20	6	1/2"	16'-6"	h20			



Notes -
 Class X concrete to be used throughout.
 All reinforcing steel to be wired securely in place before concrete is poured.

ABUTMENTS No. 11-1
 GRADE SEPARATION
 S.B.I. ROUTE 49 - SEC. 146B-NR.H.
 COOK COUNTY
 STATION 277+07.15

COMPUTED - F.A. Schmitz
 CHECKED - J.R. Graham
 DRAWN - J.R.G.
 CHECKED - J.R.G.
 ASSEMBLED -
 CHECKED -

EXAMINED 4-10-1932
 PASSED
 APPROVED
 11-28-33

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

SN 016-1004
 EXISTING BRIDGE DETAILS

REVISIONS

NAME	DATE

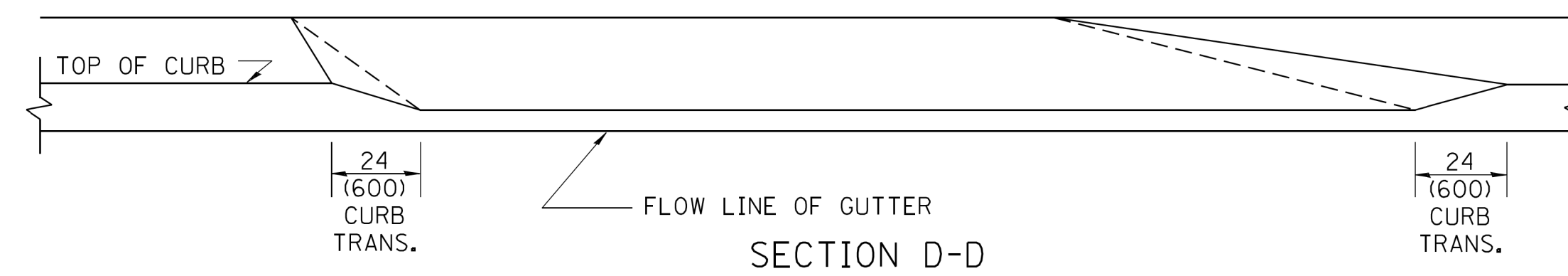
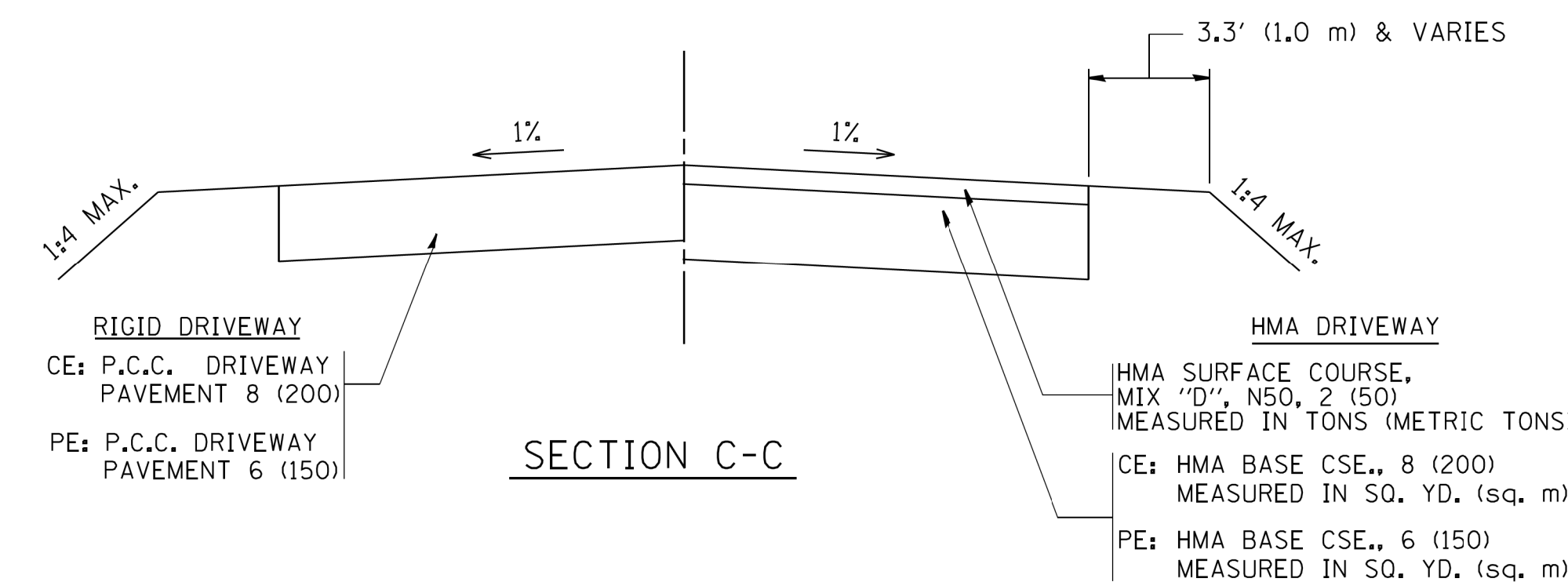
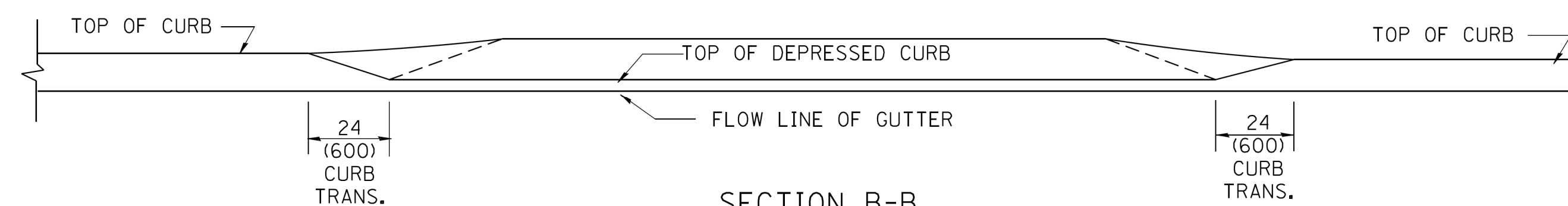
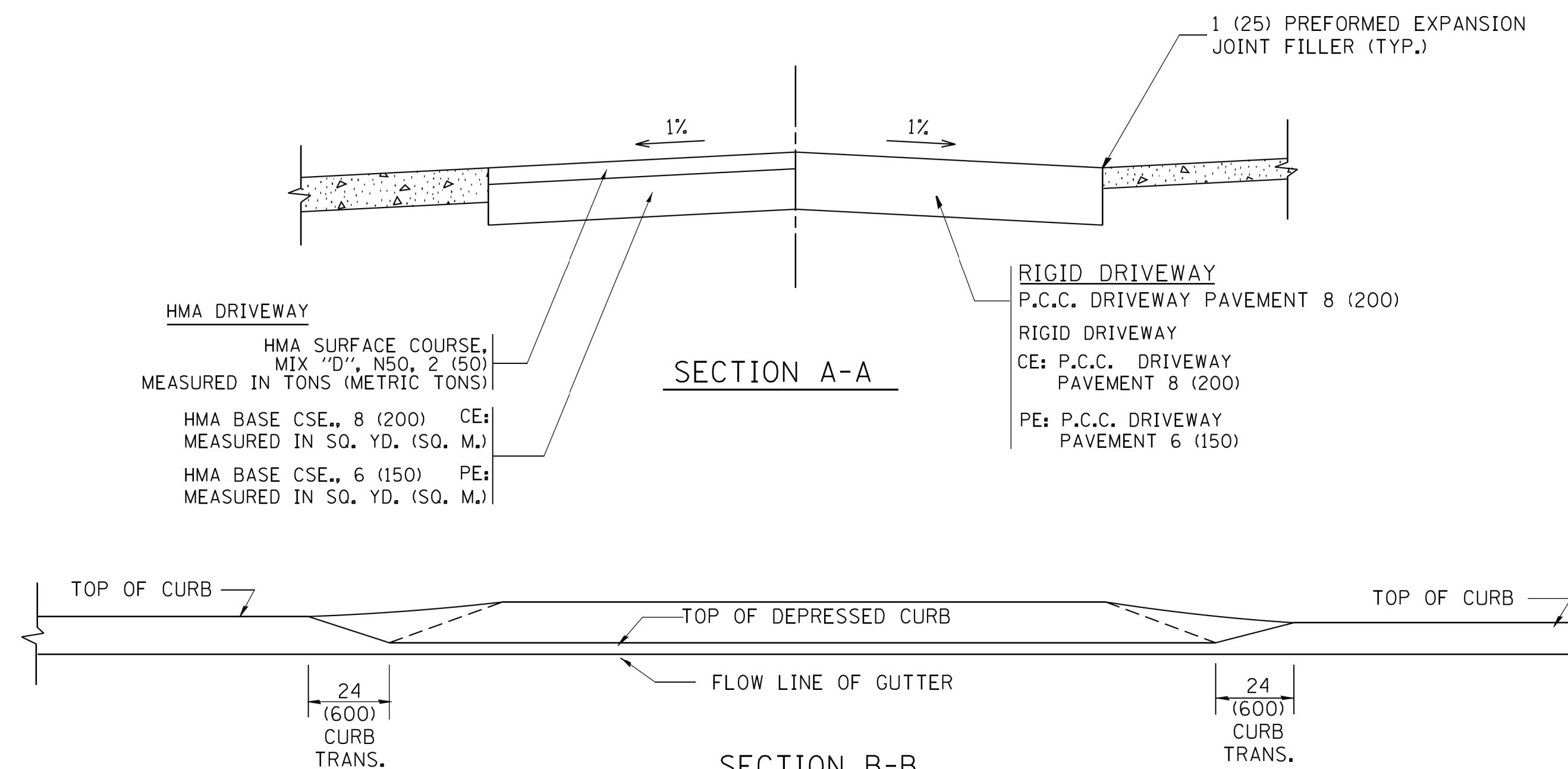
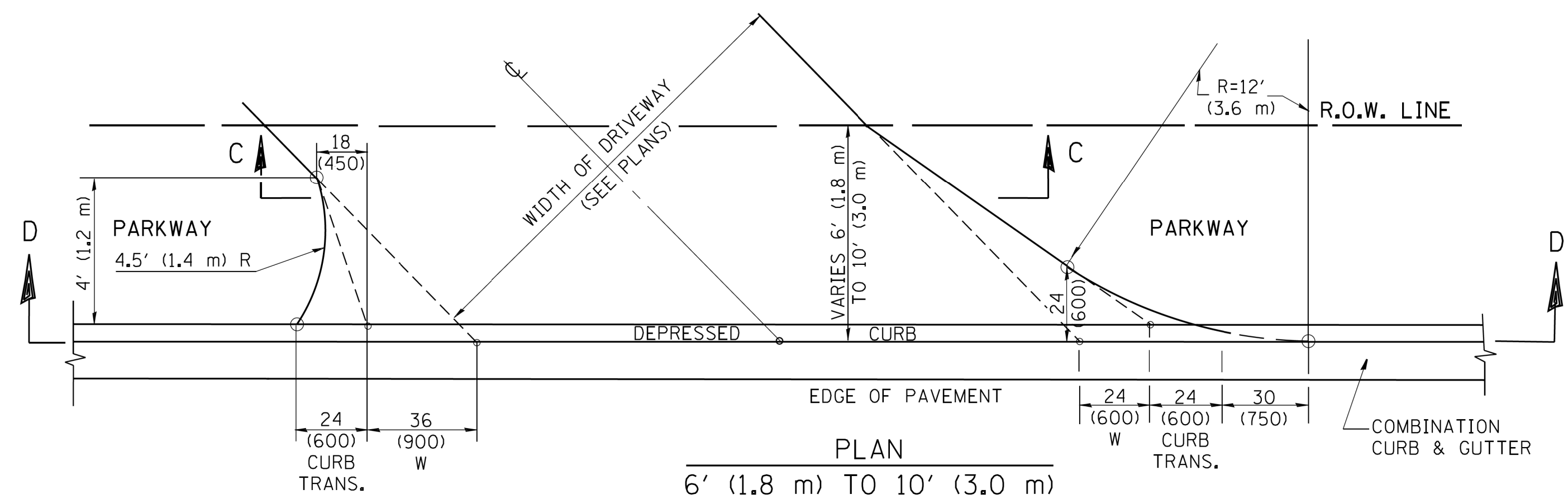
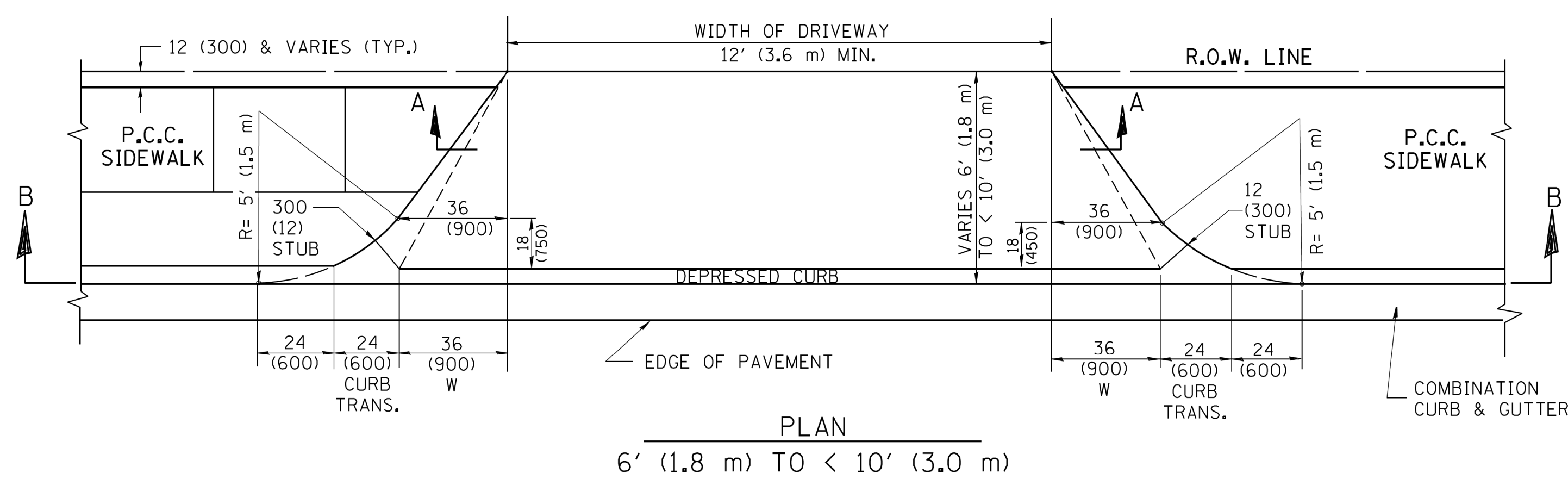
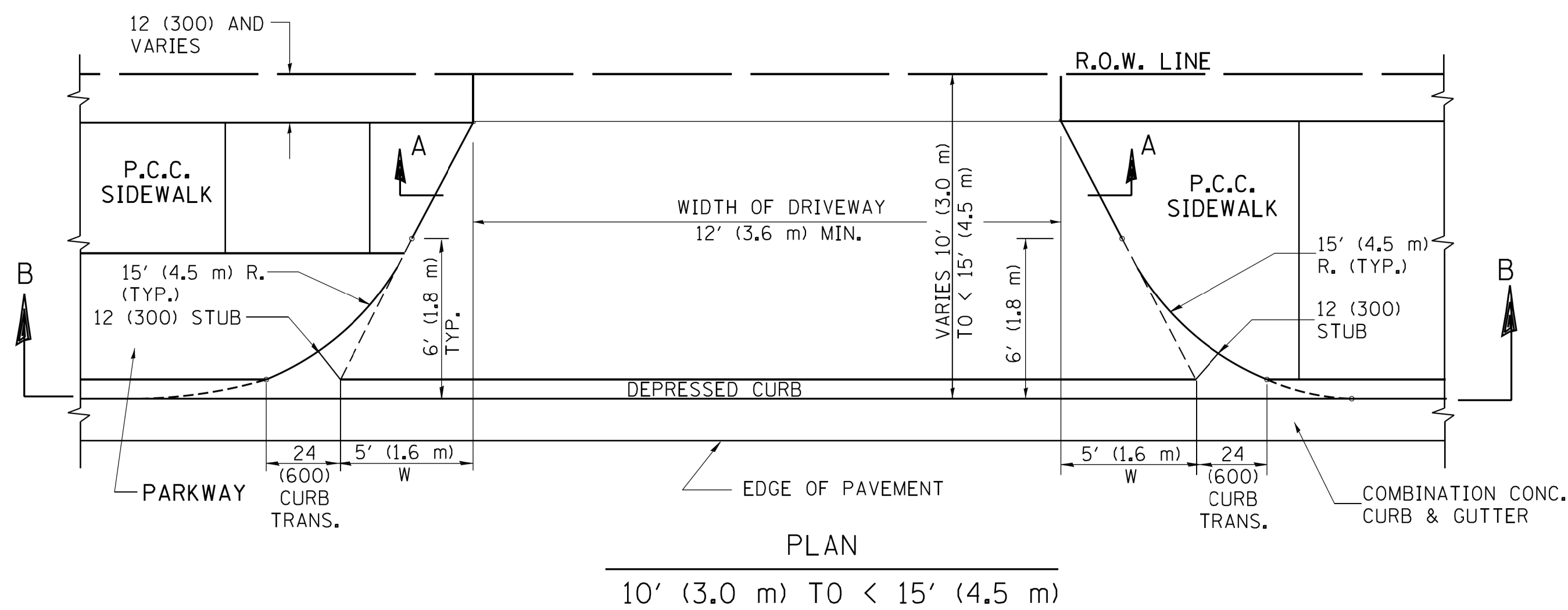
SCALE: VERT. HORIZ.
 DATE

DRAWN BY
 DESIGNED BY
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	57

CONTRACT NO. 60484
 ILLINOIS FED. AID PROJECT

M:\2017\17-29-000 EFK Meen IDOT DUR PTB 181-417-129-013.MD 13 Ashland Av-125th St-Brdg Rem1 Con.PW\Design For Printing ONLY\Transportation\CADD\CADD_Sheets\SN 016-1004 EXISTING PLANS_05.dgn



GENERAL NOTES

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

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

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

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

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

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

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

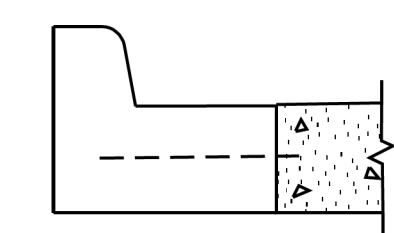
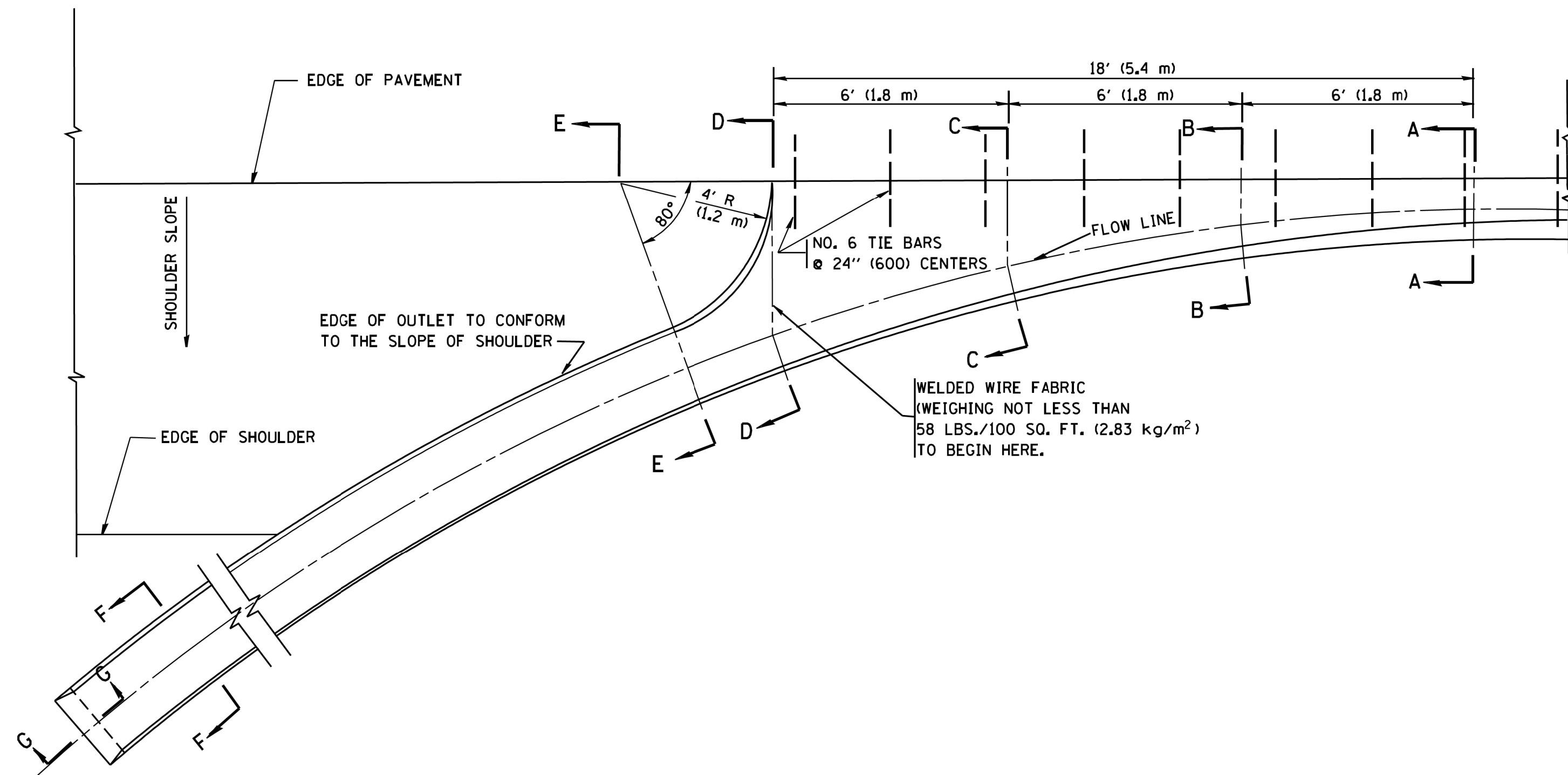
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		CHECKED -	REVISED - R. BORO 01-01-07
		DATE - 11-06-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

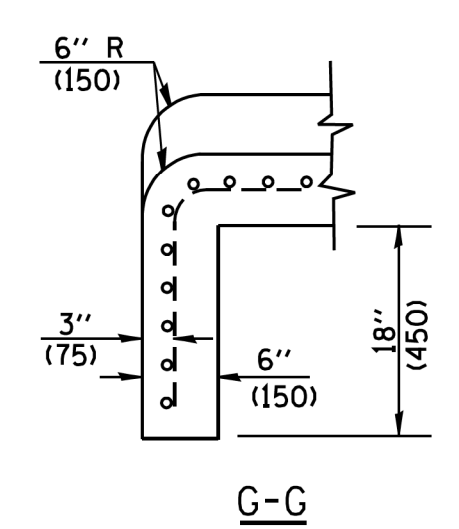
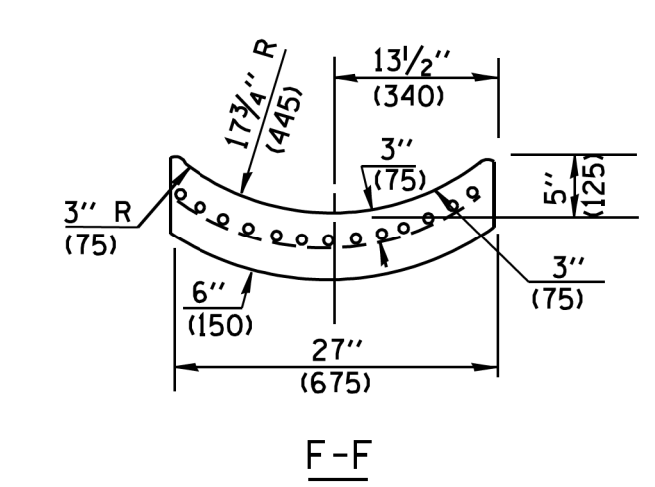
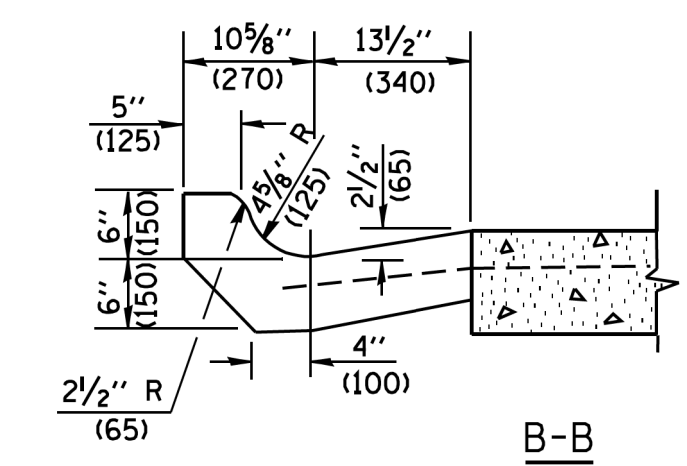
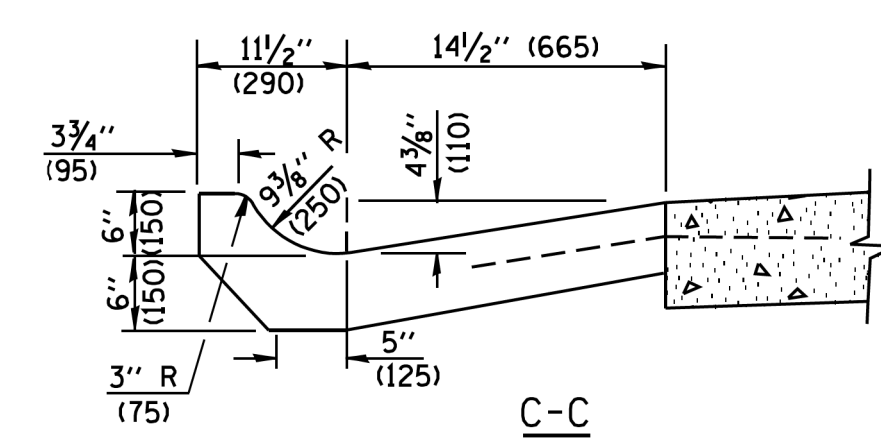
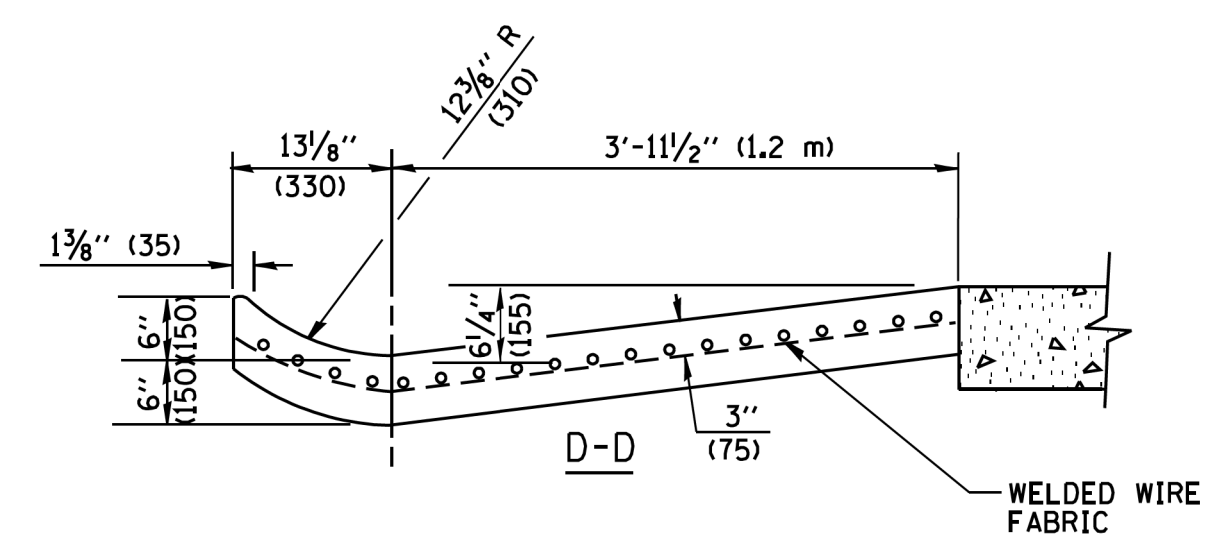
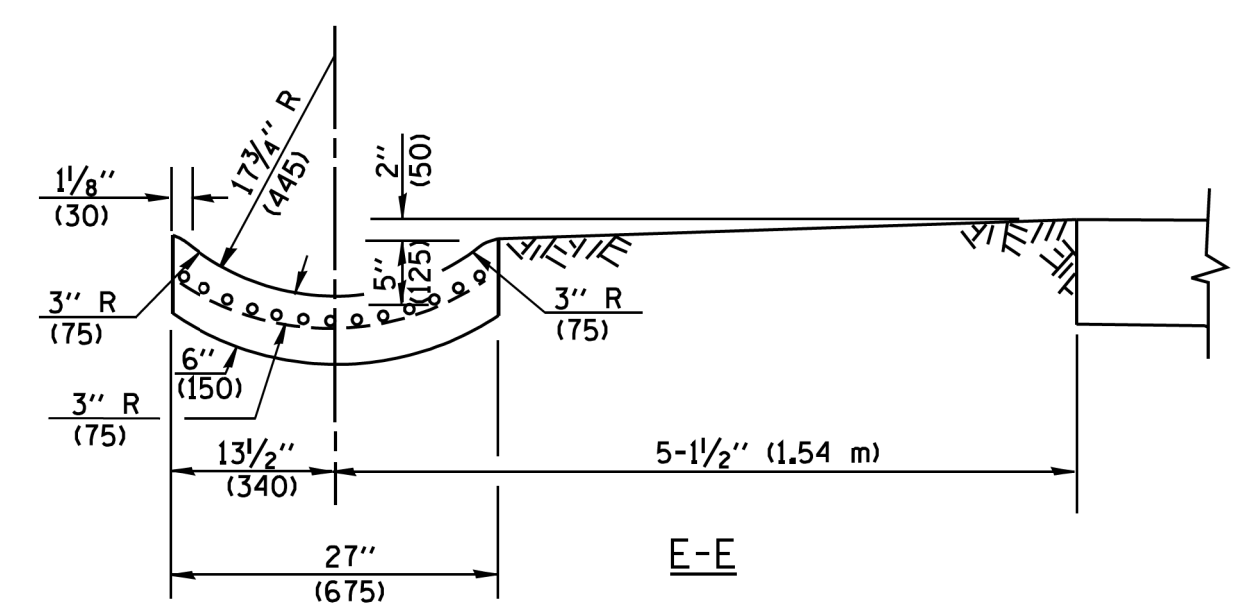
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	58
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24\" (600) CENTERS UNLESS OTHERWISE SHOWN.

IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

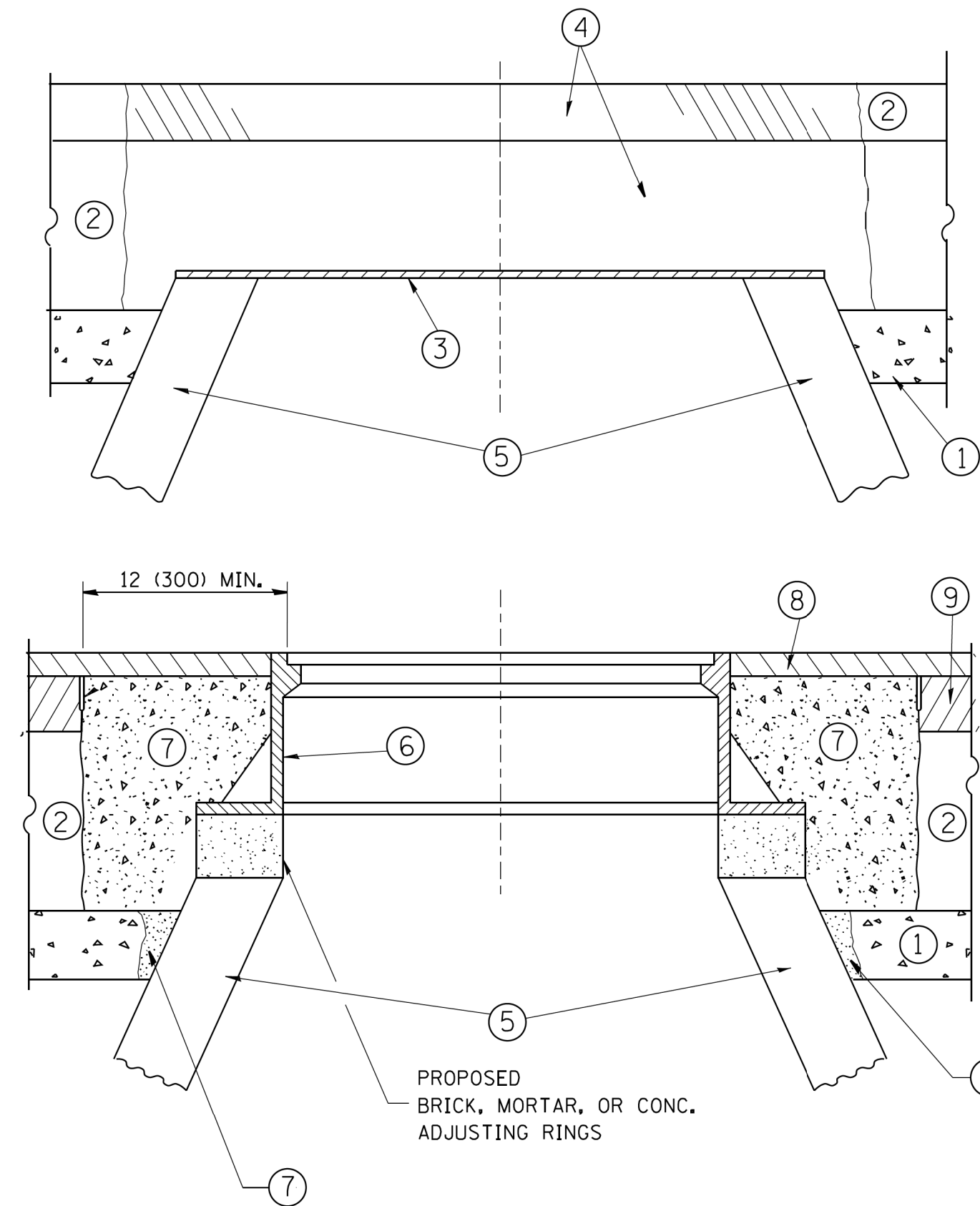
QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 9\" (225) PAV'T.
 1.27 CU. YDS. (0.96 m³) CLASS SI CONCRETE (OUTLET) FOR 10\" (250) PAV'T.
 FOR SECTION F-F =
 0.045 CU. YDS. (0.03 m³) CLASS SI CONCRETE PER FT. (m).

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

FILE NAME = W:\dststd\22x34\bd03.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OUTLET FOR CONCRETE CURB AND GUTTER			F.A.U. RTE. = 2857	SECTION = 146B-BR	COUNTY = COOK	TOTAL SHEETS = 94	SHEET NO. = 59
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - E. GOMEZ 12-21-00					CONTRACT NO. 60484				
PLOT DATE = 1/4/2008	DATE = 08-04-86	REVISED -	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					

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NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-1* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	60
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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)

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.)

- * 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.

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.

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

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

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,

- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- 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.
- 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.

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).

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".

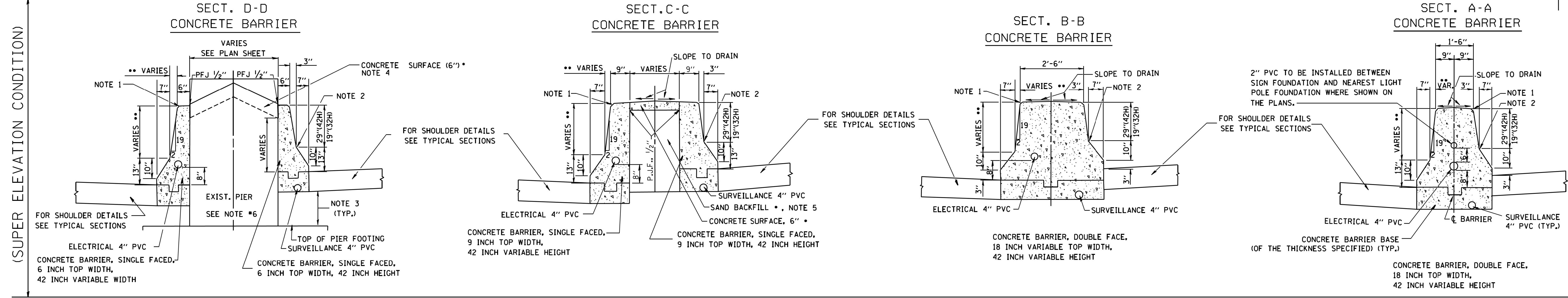
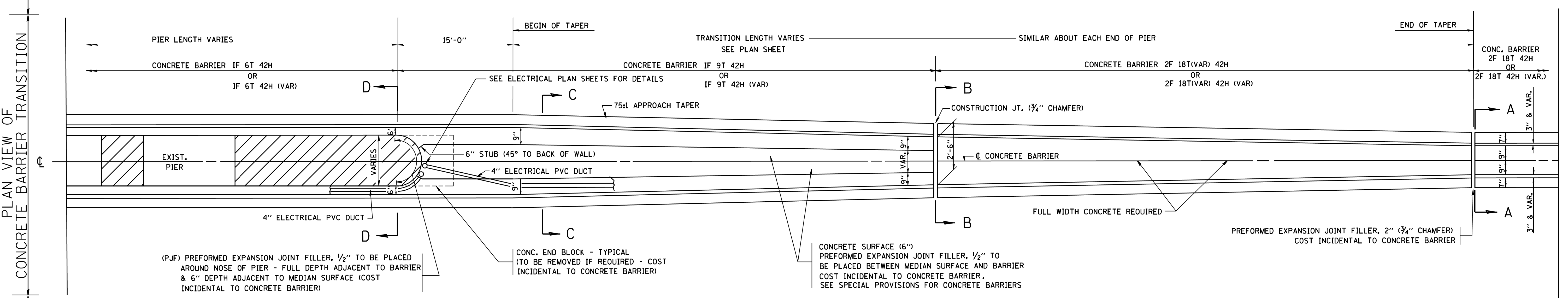
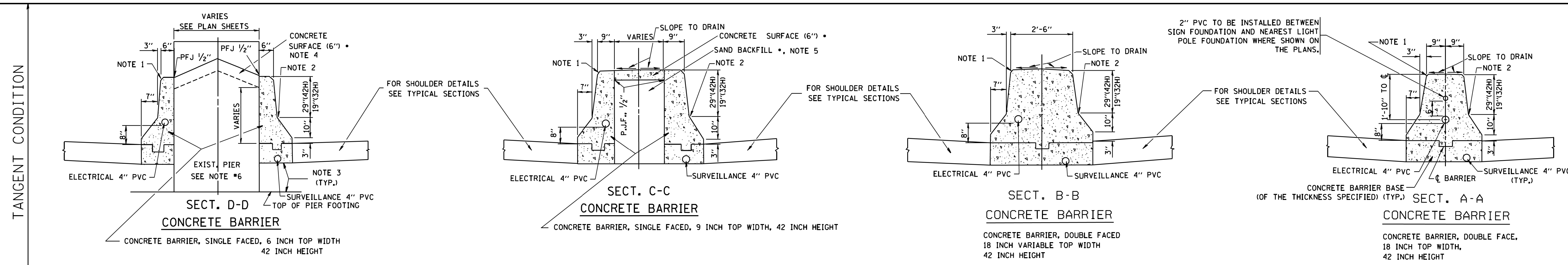
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2857	146B-BR	COOK	94	61
		CHECKED -	REVISED - M. GOMEZ 01-22-01		CONTRACT NO. 60484								
		DATE - 03-11-94	REVISED - R. BORO 12-15-09		ILLINOIS FED. AID PROJECT								

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GENERAL NOTES

- FOR UNDERDRAIN DETAILS SEE TYPICAL SECTIONS
- PREFORMED JOINT FILLER SHALL BE INCIDENTAL TO THE CONCRETE BARRIER OF THE TYPE INVOLVED.
- FOR KEYWAY (F) DIMENSIONS, SEE TYPICAL SECTIONS
- CONCRETE BARRIER BASE PAY ITEM IS TO BE INCLUDED IF THE BARRIER IS CONSTRUCTED MONOLITHIC OR JOINTED TO BASE. IF JOINTED CONTRACTORS WILL HAVE THE OPTION OF USING A KEYWAY OR TIE BARS AT O.C.

NOTE 1 - 3/4" CHAMFER OR 1" RADIUS (OPTIONAL)

NOTE 2 - 10" RADIUS (OPTIONAL)

NOTE 3 - EXTEND BOTTOM OF BARRIER TO FOOTING ONLY WHEN DEPTH IS 6" OR LESS, OTHERWISE MAINTAIN SAME DEPTH AS BOTTOM OF SHOULDER

NOTE 4 - PIER FILLER MATERIAL TO BE CONCRETE IF MINIMUM 6" THICKNESS WILL BE MAINTAINED. IF 6" THICKNESS CANNOT BE MAINTAINED USE ASPHALT FILLER MATERIAL AS DIRECTED BY THE ENGINEER.

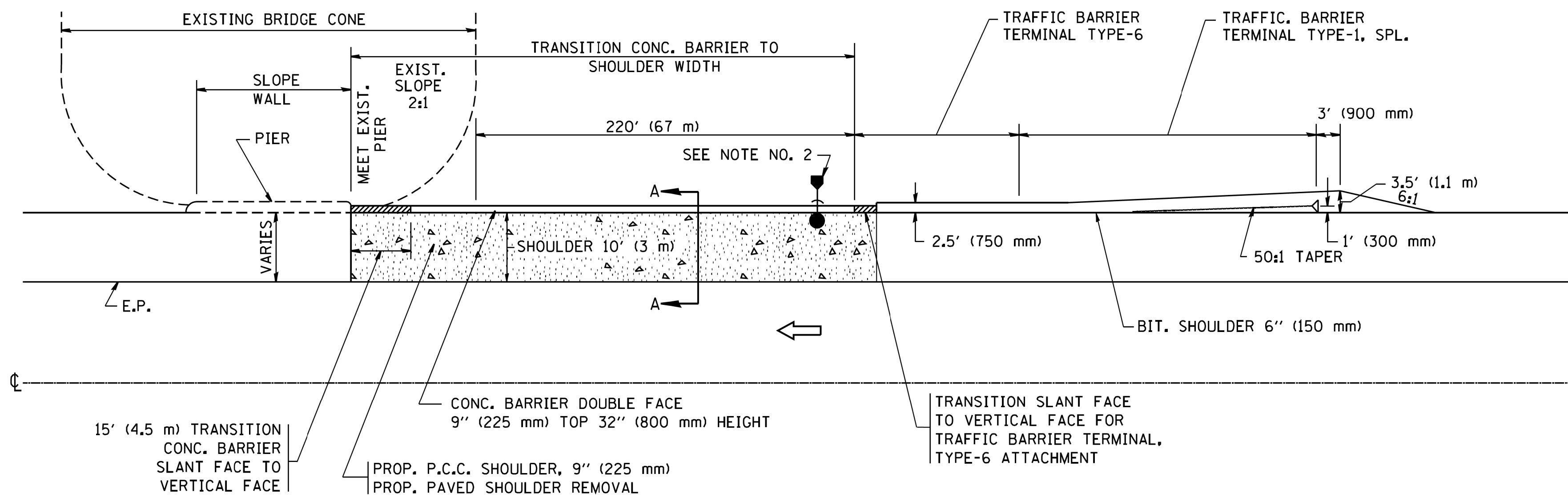
NOTE 5 - SAND BACKFILL AND CONCRETE SURFACE WILL BE REQUIRED. FILLING WITH CONCRETE WILL NOT BE ALLOWED.

NOTE 6 - IF PIER IS NEW CONSTRUCTION BARRIER WALL MAY BE MONOLITHIC

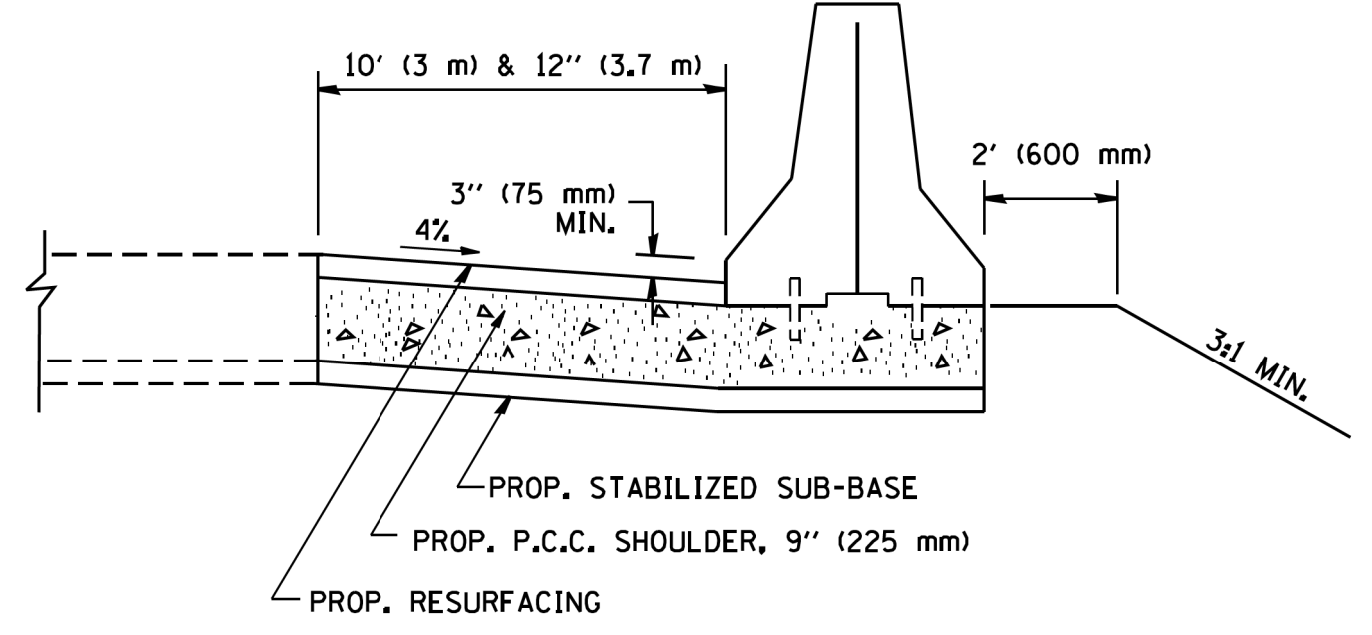
•• MAINTAIN SLOPE OF FACE AS SHOWN ON DETAIL. HEIGHT AND WIDTH OF BARRIER INCREASE WHERE A DIFFERENCE IN MEDIAN EDGE-OF-PAVEMENT GRADE ELEVATION EXISTS.

• COST OF SAND BACKFILL, CONCRETE SURFACE (6"), AND PIER FILLER MATERIAL WILL NOT BE INCIDENTAL.

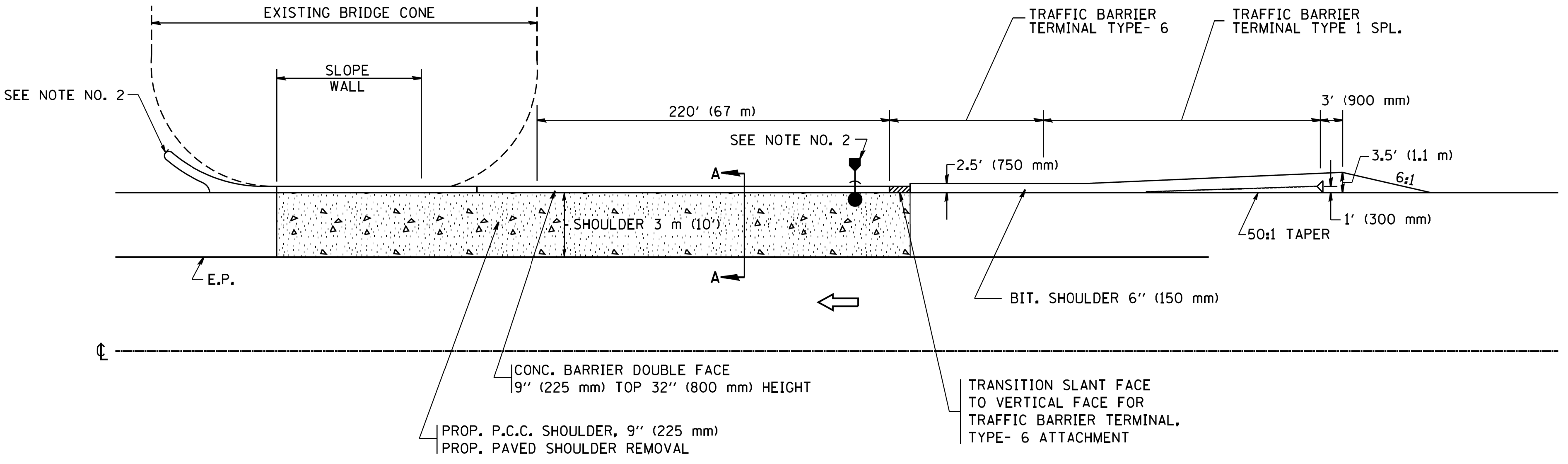
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		CHECKED -	REVISED -						CONTRACT NO. 60484				
		DATE - 09-09-88	REVISED -						ILLINOIS FED. AID PROJECT				



CONC. BARRIER ADJACENT TO SLOPE WALL WITH PIER (DITCH SECTION)



SECTION A-A



CONC. BARRIER ADJACENT TO SLOPE WALL WITHOUT PIER (DITCH SECTION)

NOTE:

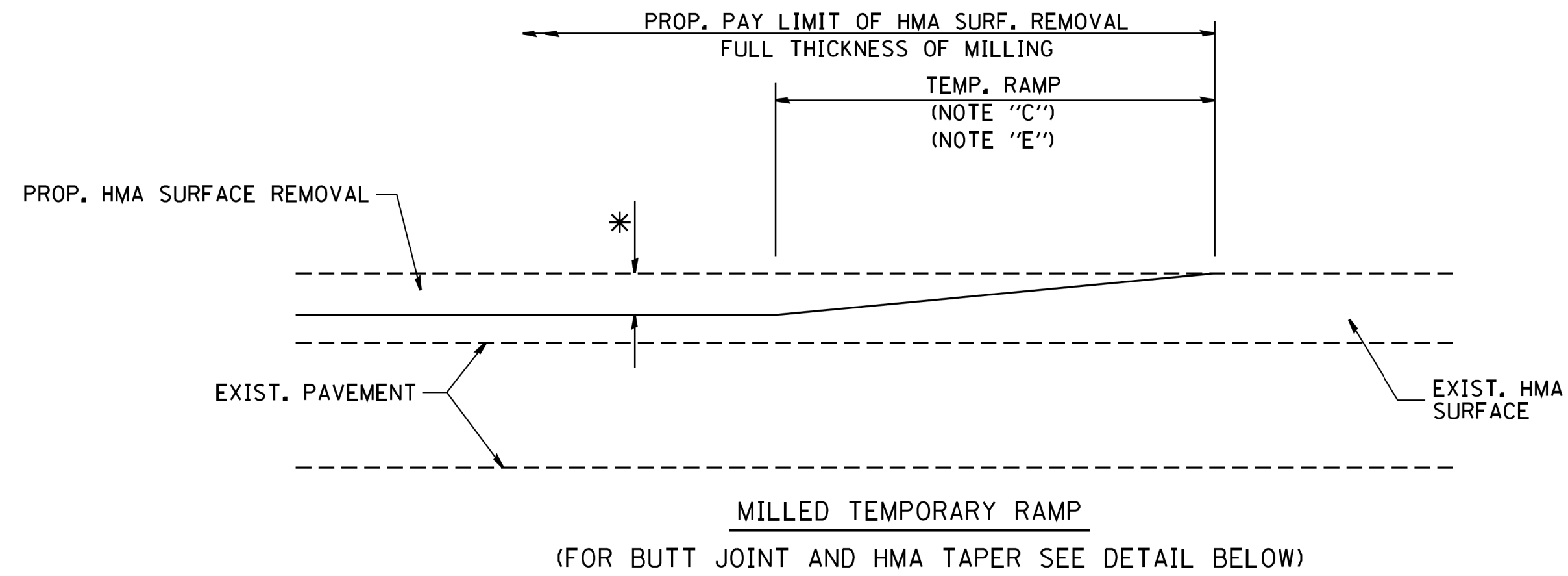
1. SEE STATE STANDARD 630201 FOR STABILIZATION FOR GUARDRAIL.
- *2. THE GUTTER OUTLET AND CATCH BASIN LOCATION IS DEPENDENT ON DIRECTION OF FLOW.
3. USE CONC. BARRIER SINGLE FACE IF CLEARANCE BETWEEN PIER AND SHOULDER IS LESS THAN 27" (685 mm).
4. SEE STATE STANDARD 637001 FOR CONCRETE BARRIER.

- CATCH BASIN TYPE C, TYPE 24 FRAME AND GRATE
- * STORM SEWERS, 12" (300 mm)
- END SECTIONS, 12" (300 mm)

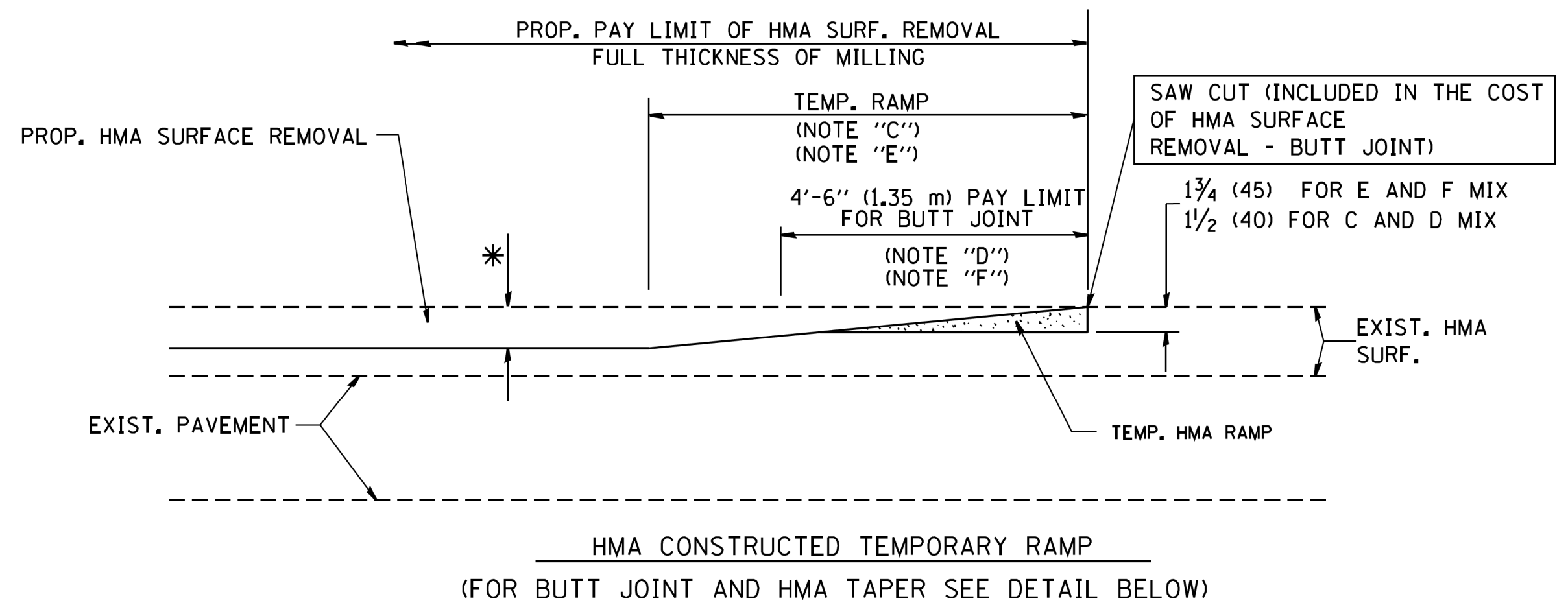
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60484			
PLOT DATE = 1/4/2008	DATE - 10-18-02	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

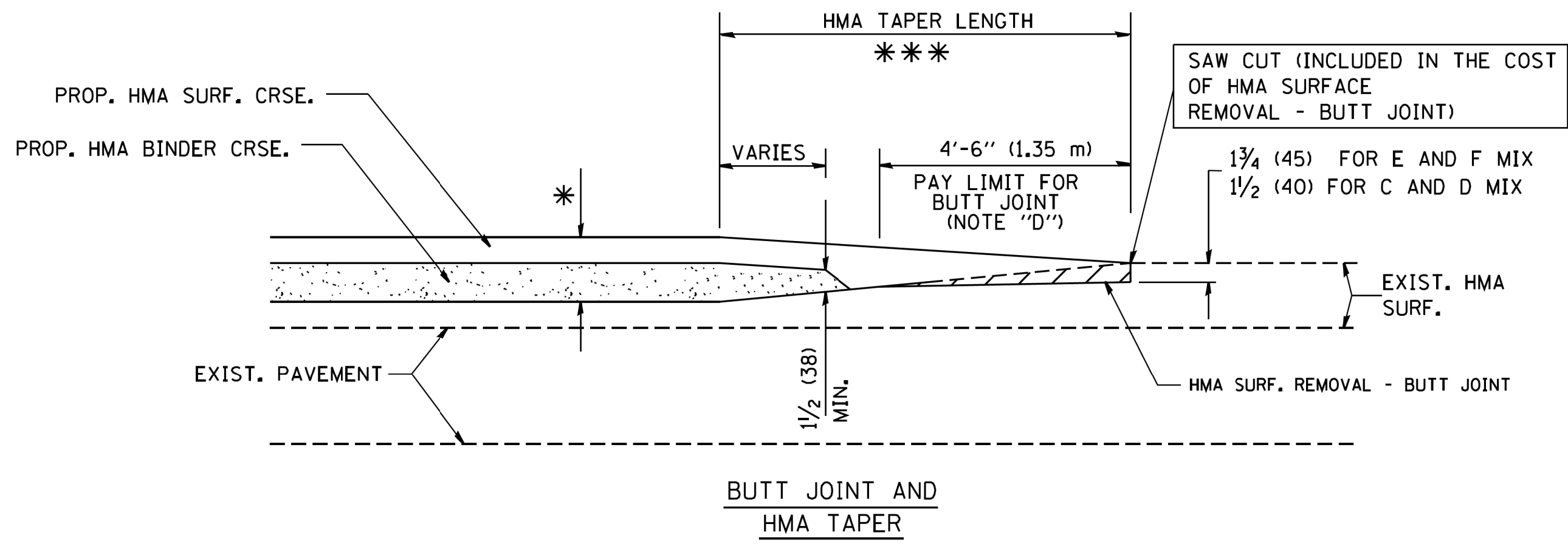
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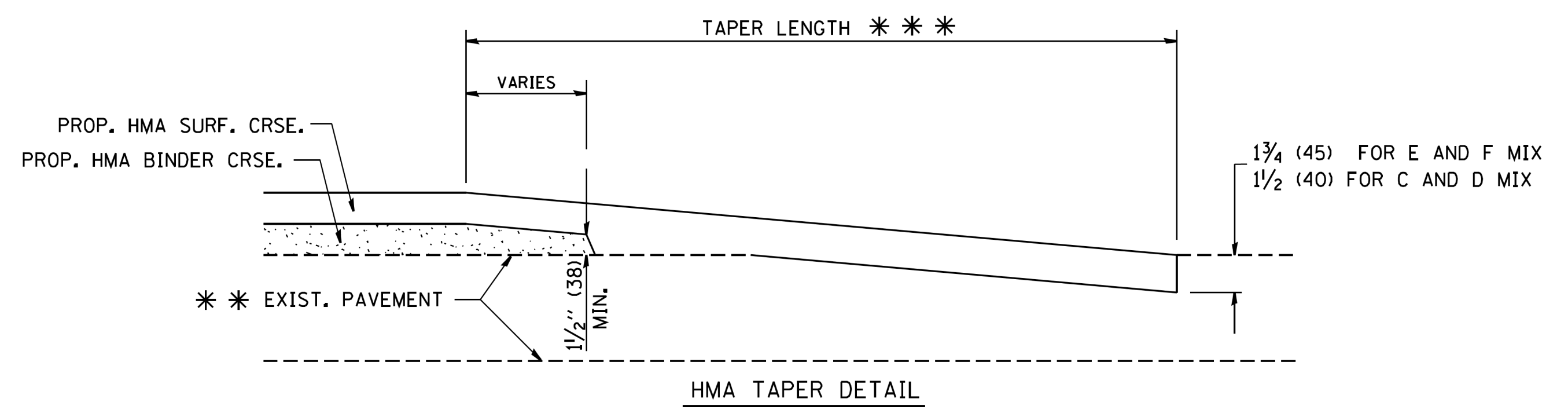
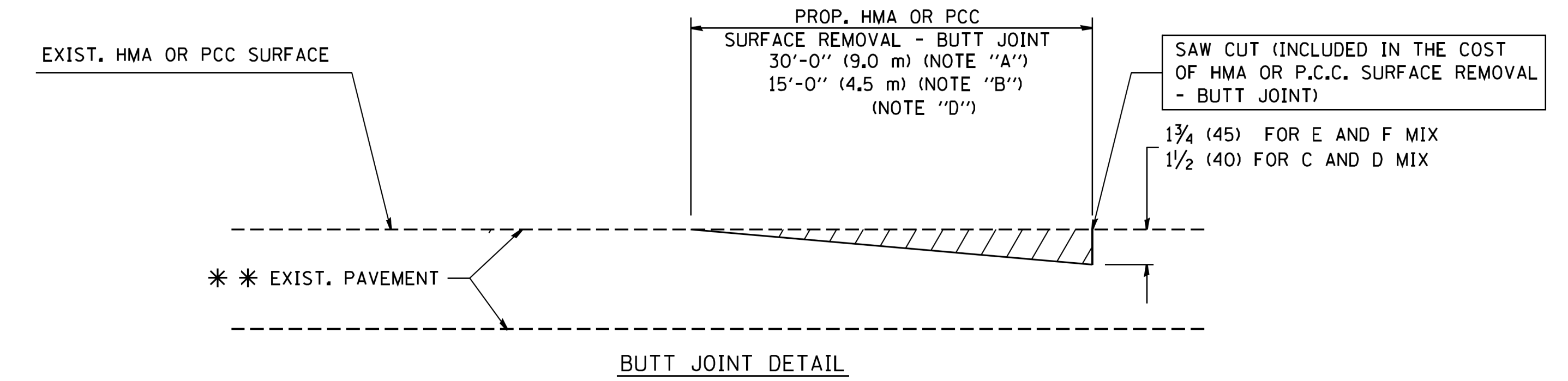
OPTION 1



**OPTION 2
TYPICAL TEMPORARY RAMP**



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

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

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

FILE NAME =	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

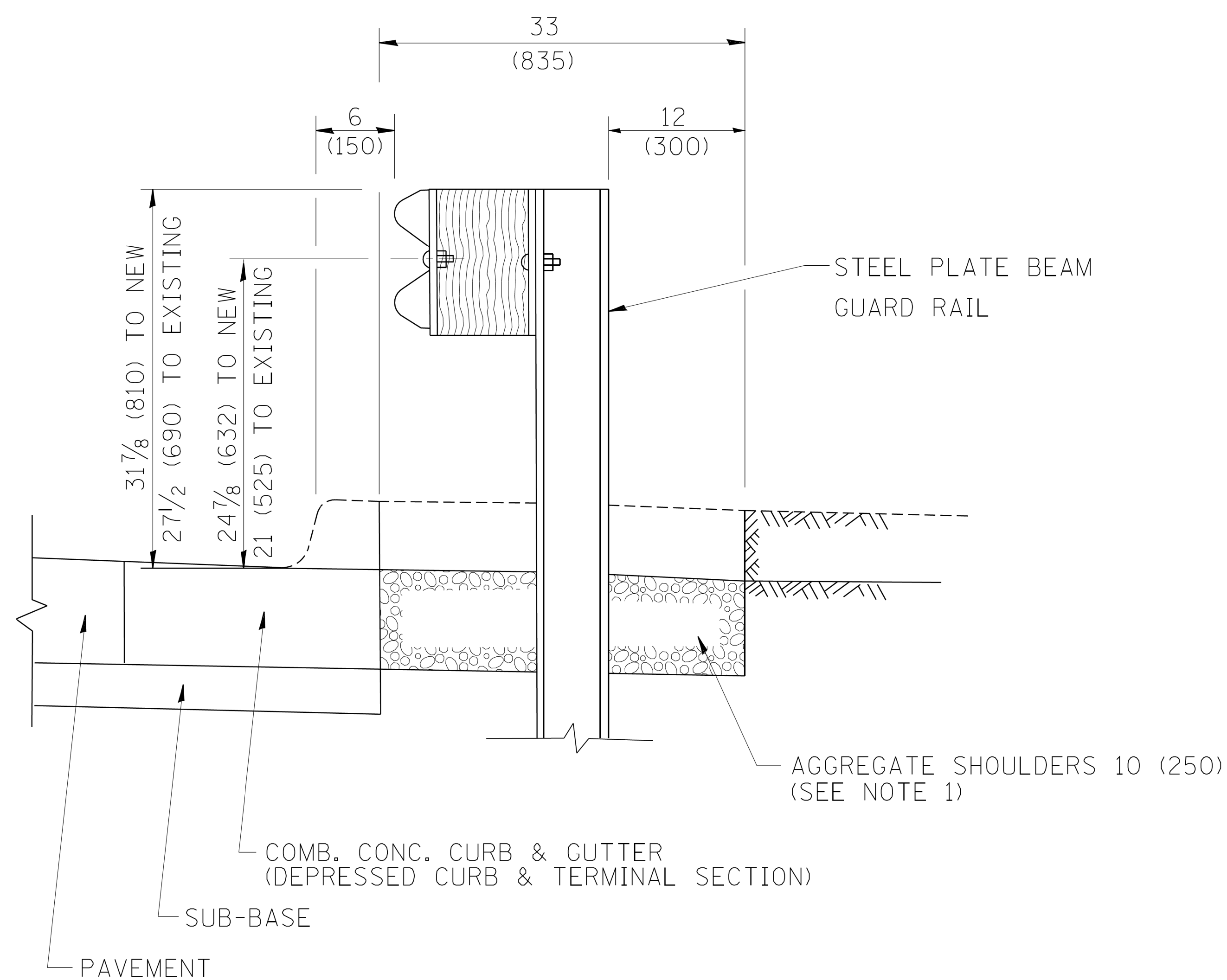
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	64
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

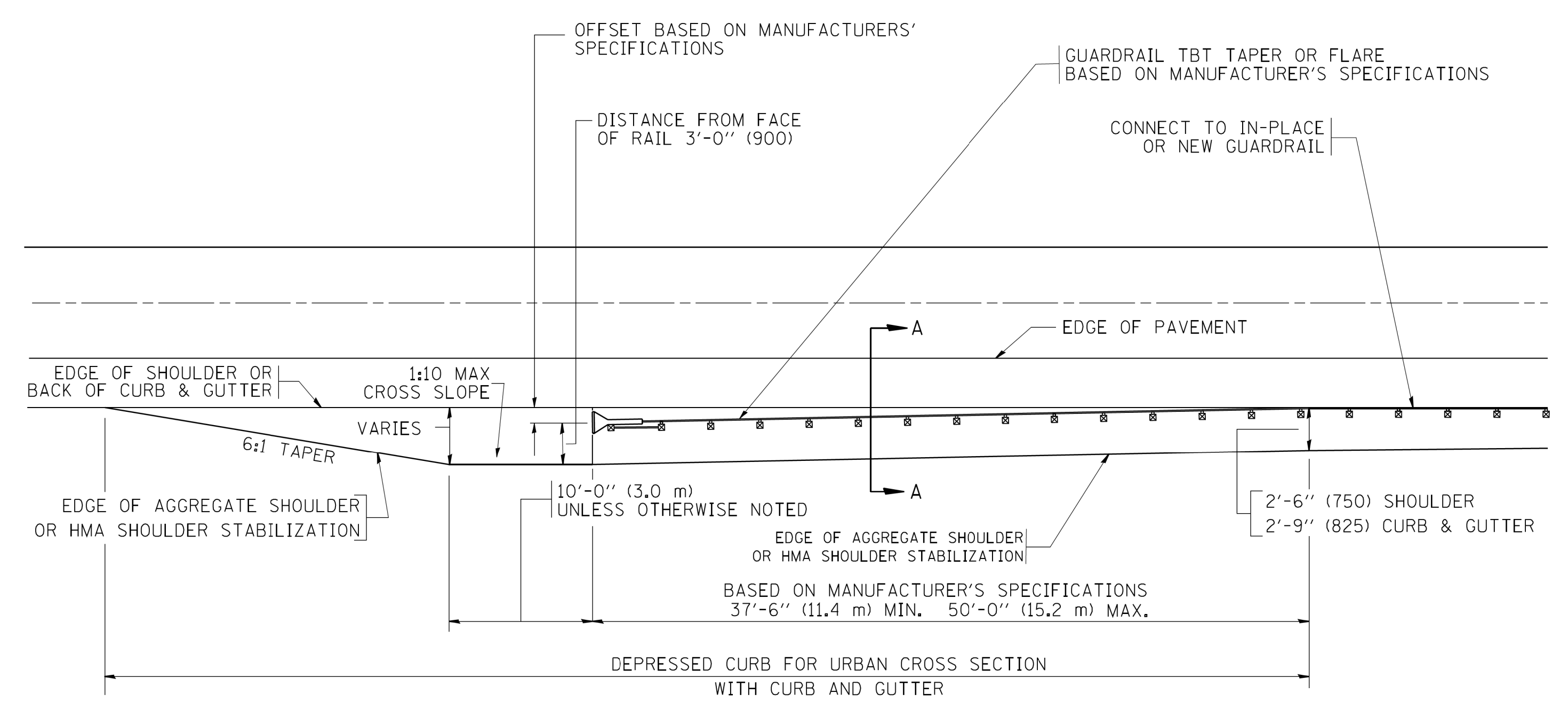
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SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
 GUARD RAIL ADJACENT TO CURB AND GUTTER
 [FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
 SHOULDER TREATMENT AT TBT TY. 1 SPL.**

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

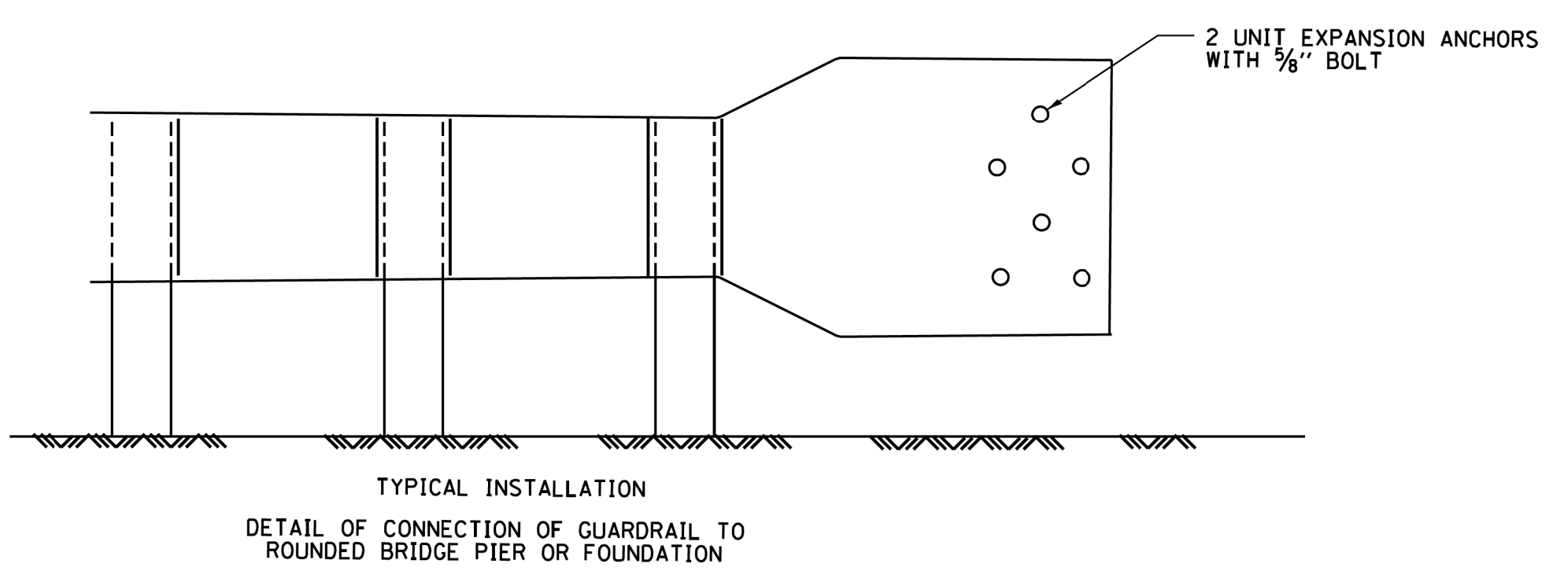
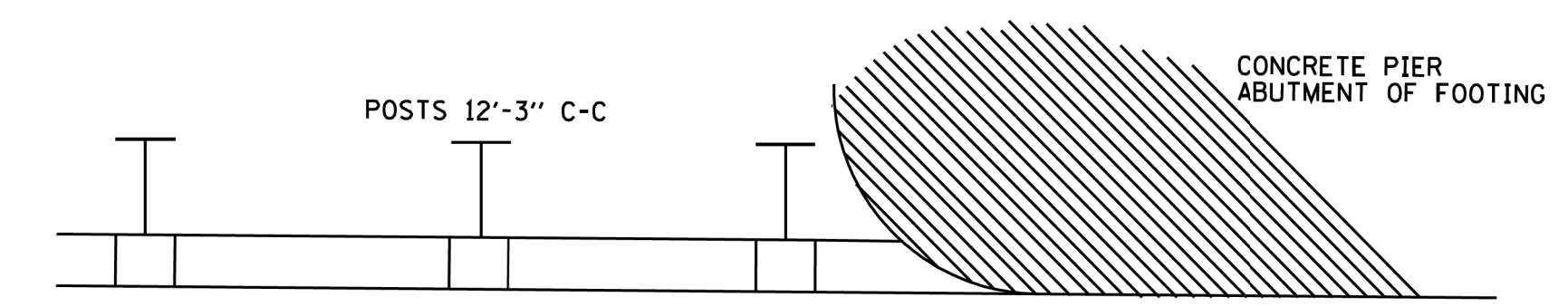
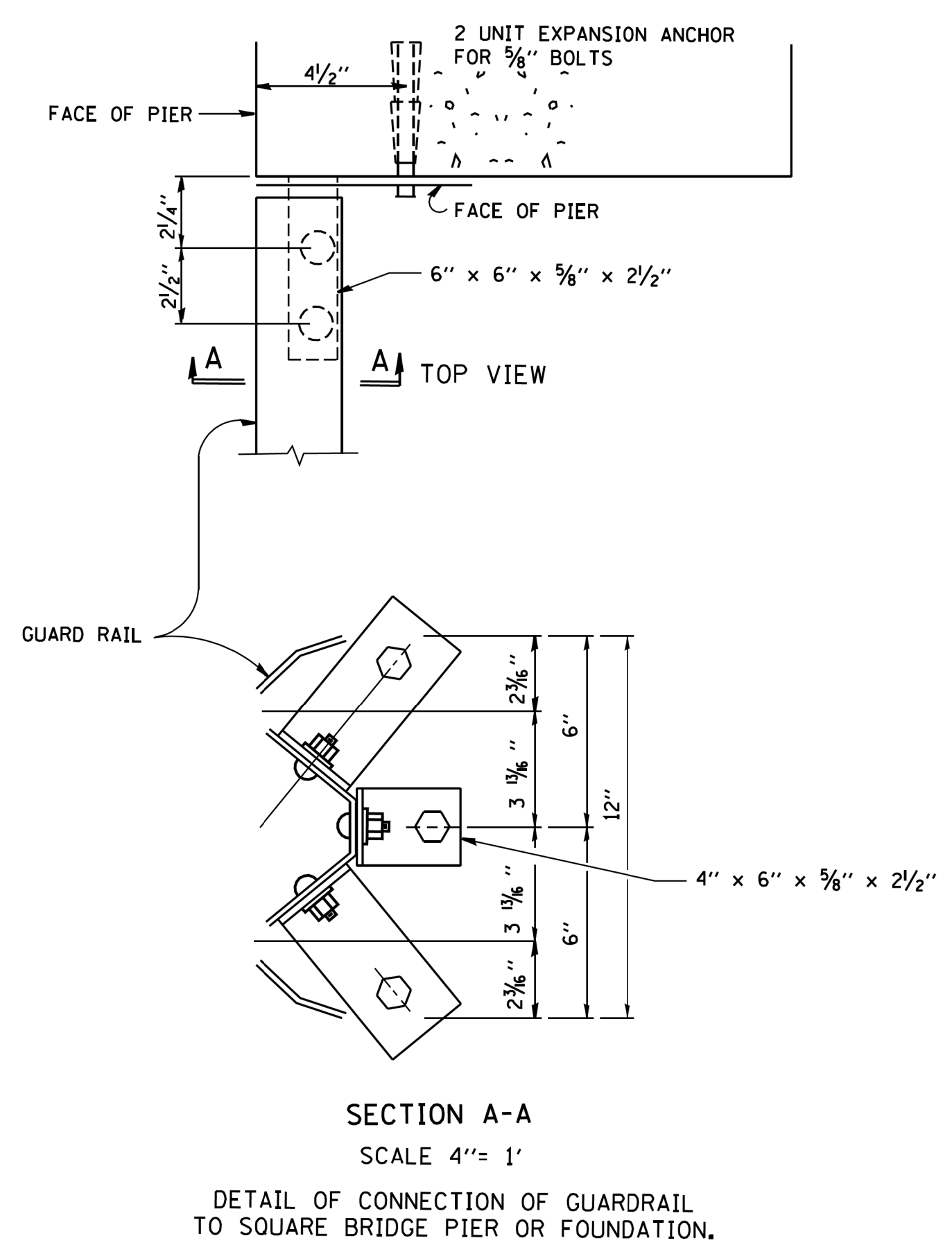
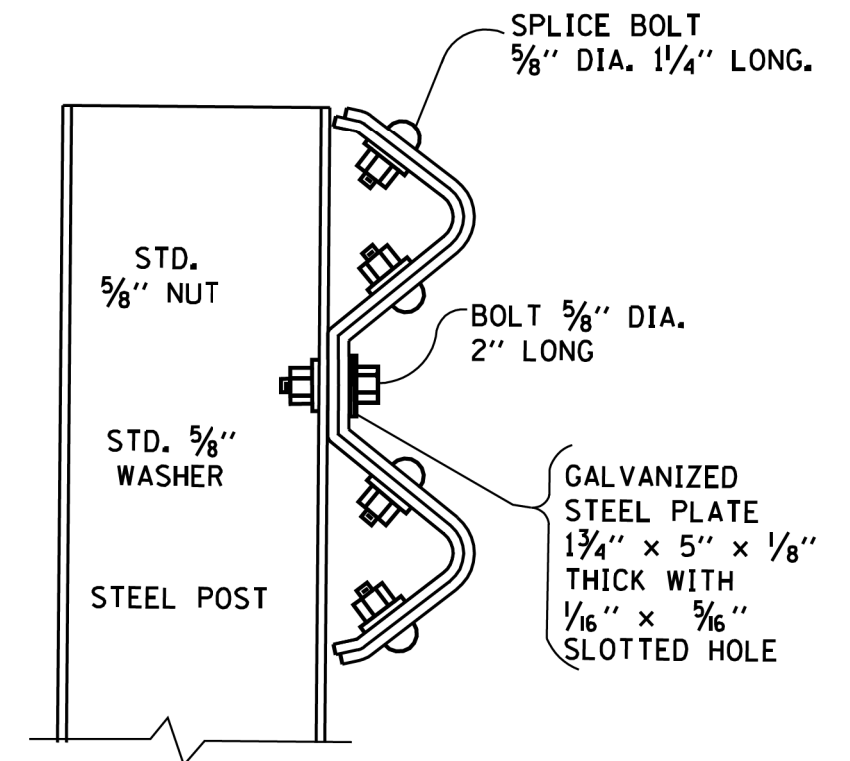
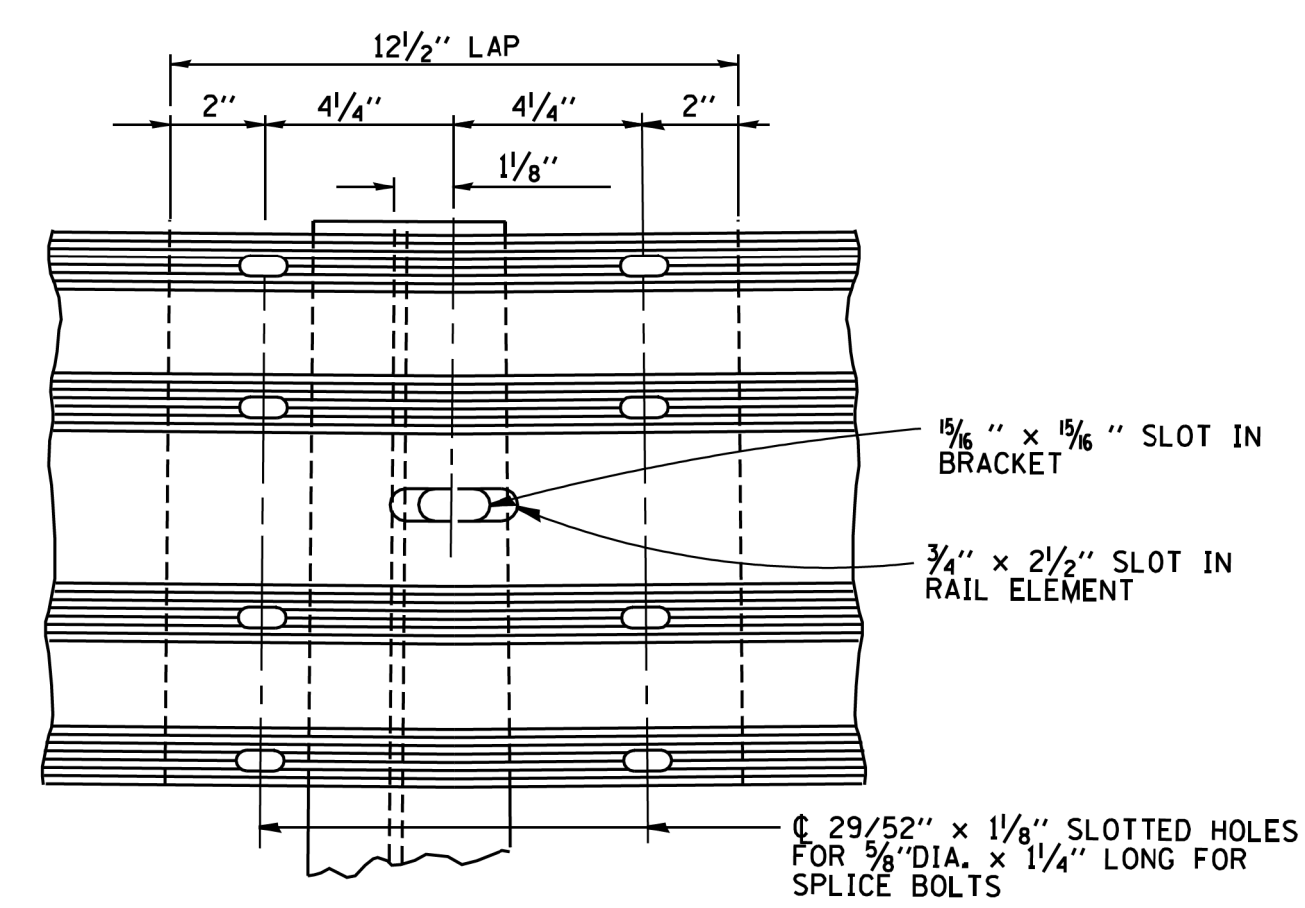
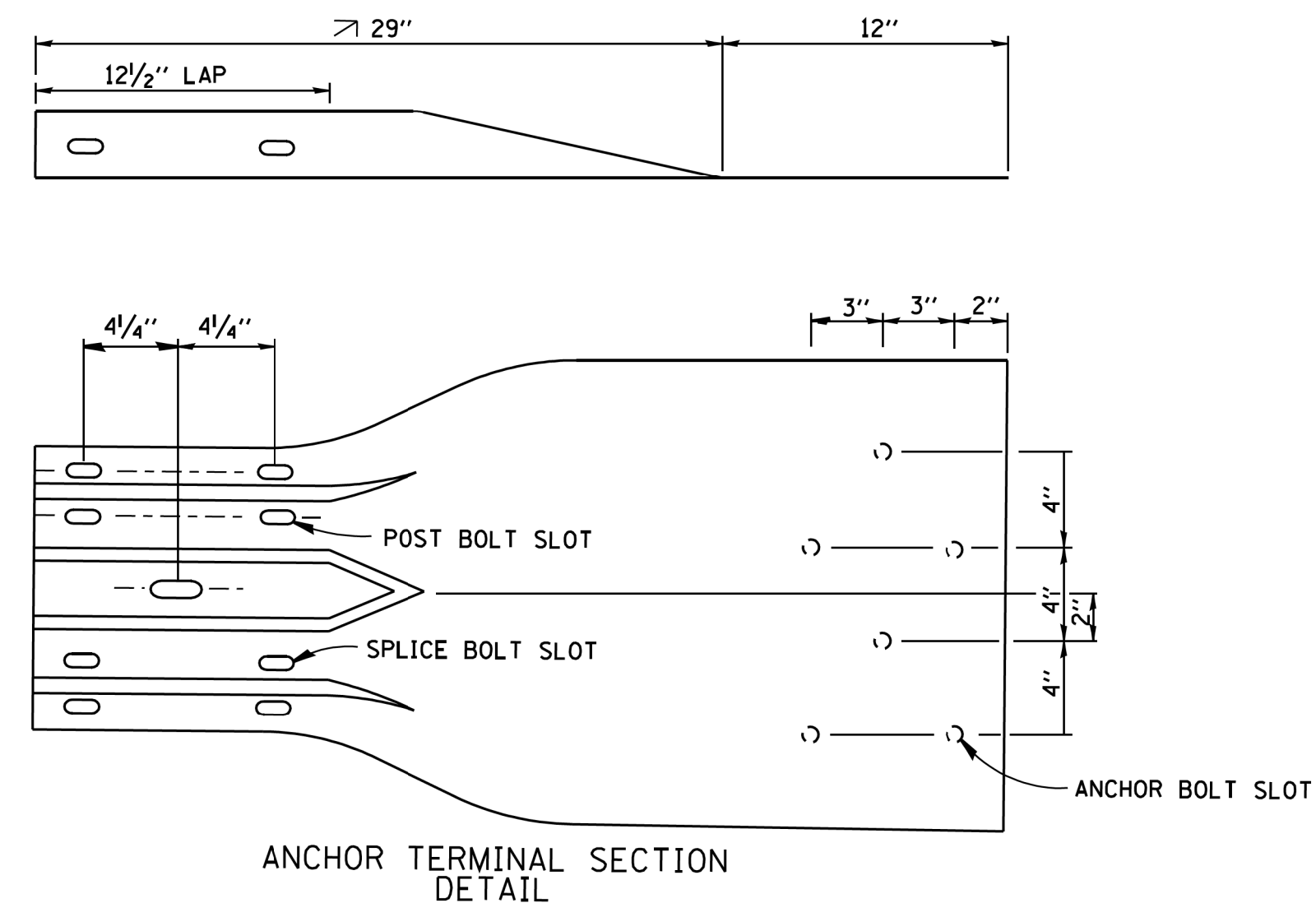
TBT = TRAFFIC BARRIER TERMINAL
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT DATE = 9/21/2009	DATE - 09-22-90	REVISED - R. BORO 09-14-2009

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	65
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				



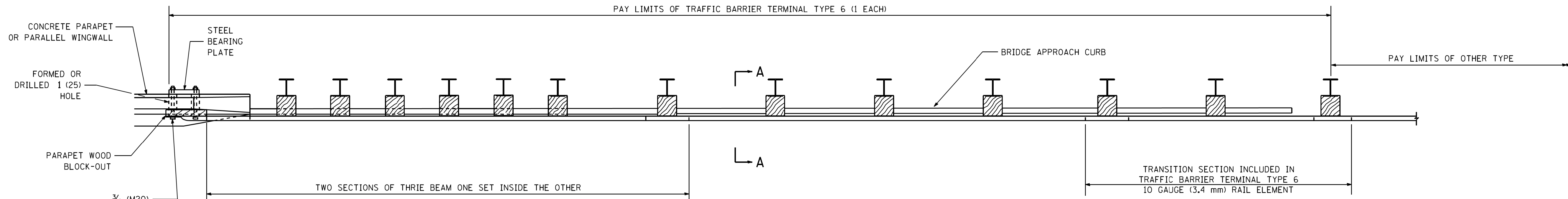
THIS SHEET IS FOR INFORMATION ONLY

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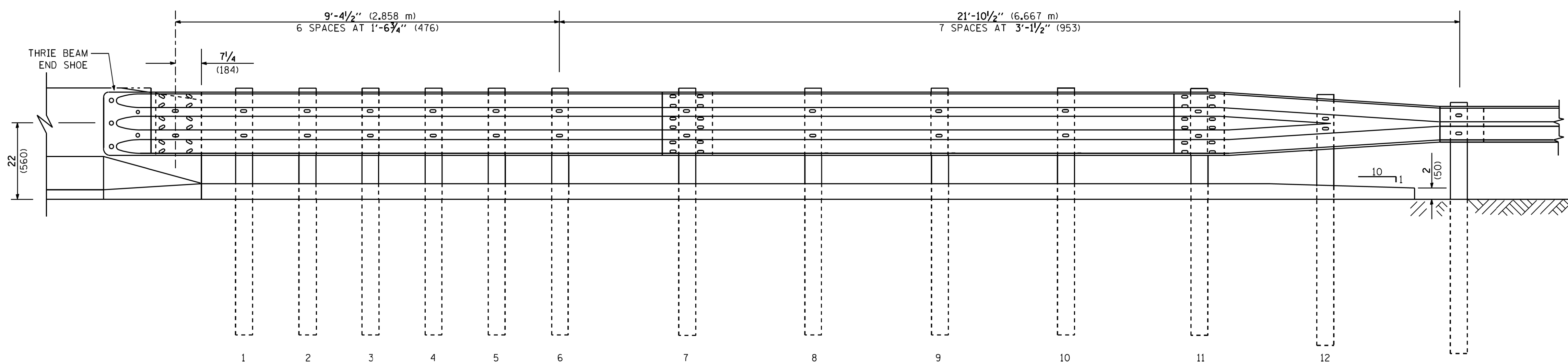
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PLOT SCALE = 50,000' / IN.	CHECKED -	DRAWN - RFL	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60484			
PLOT DATE = 1/4/2008	DATE - 10-31-88	REVISI	REVISED -		ILLINOIS FED. AID PROJECT							

PARAPET OR WINGWALL

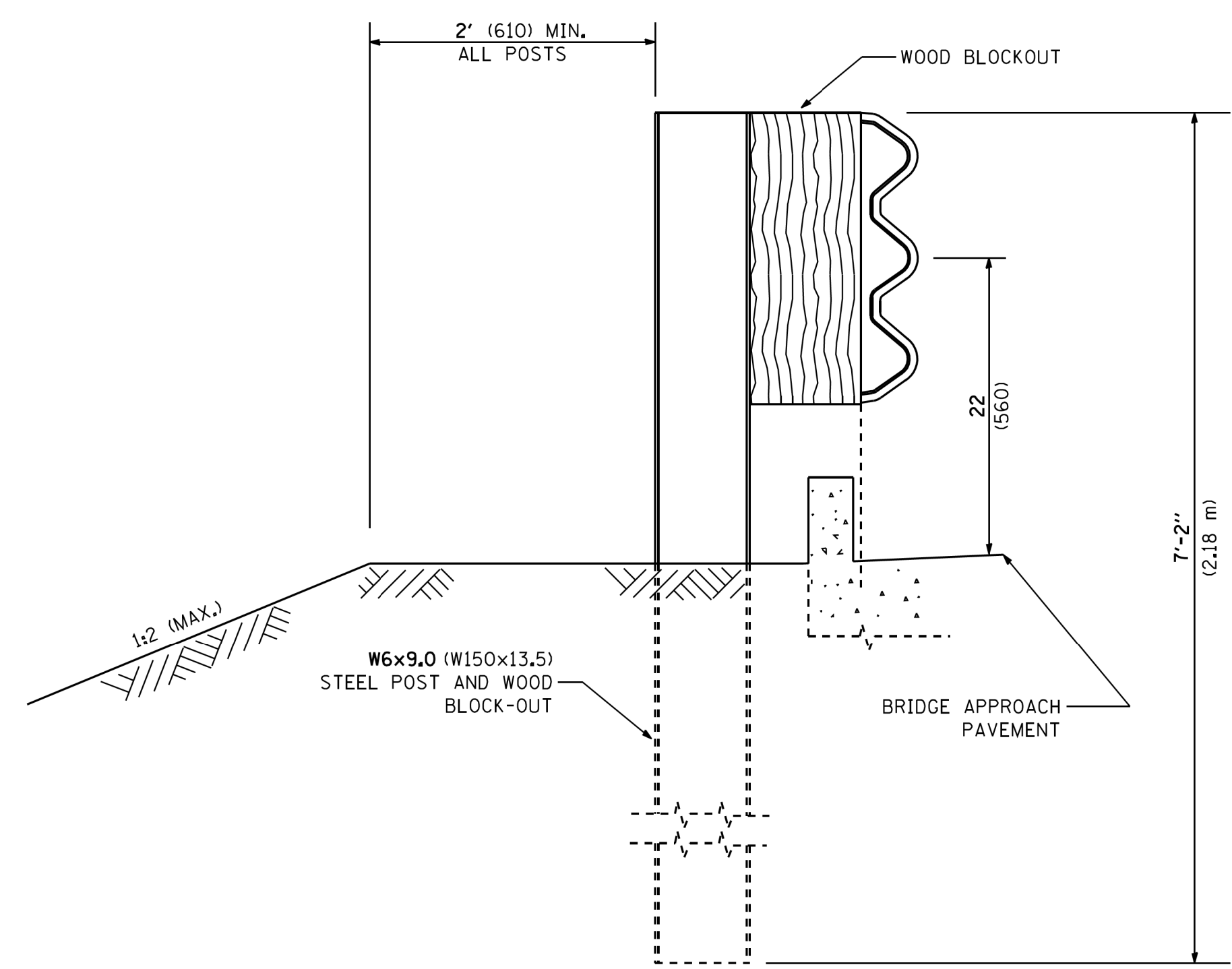
PAY LIMITS OF TRAFFIC BARRIER TERMINAL TYPE 6 (1 EACH)



PLAN



ELEVATION



SECTION A-A

GENERAL NOTES

- TO BE USED WHEN CONNECTING TO EXISTING GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
- SEE STANDARD 630001 FOR DETAILS OF GUARDRAIL NOT SHOWN.
- THRIE BEAM RAIL SHALL BE BOLTED TO BLOCK-OUT AT ALL POSTS.
- SEE STANDARD 420401 FOR DETAILS OF BRIDGE APPROACH PAVEMENT.
- ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

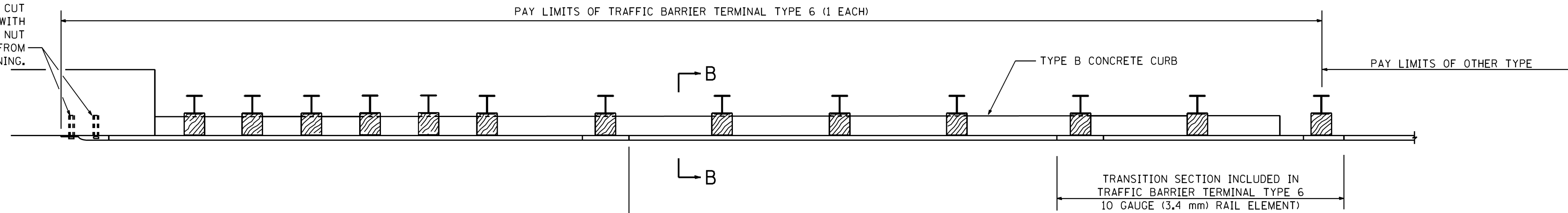
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 60484			
PLOT DATE = 2/21/2008	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

OTHER CONCRETE STRUCTURE

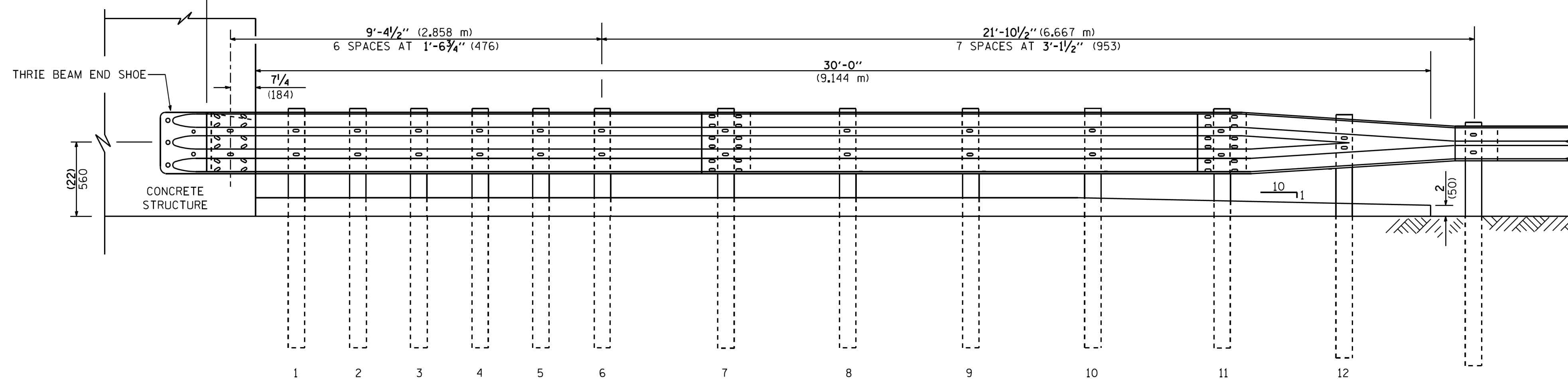
5 EPOXY GROUTED 3/4" (M20) ANCHOR BOLTS WITH STANDARD WASHERS. AFTER TIGHTENING, CUT THE ANCHOR BOLTS FLUSH WITH NUTS, AND DAMAGE THE NUT TO PREVENT IT FROM LOOSENING.

PAY LIMITS OF TRAFFIC BARRIER TERMINAL TYPE 6 (1 EACH)

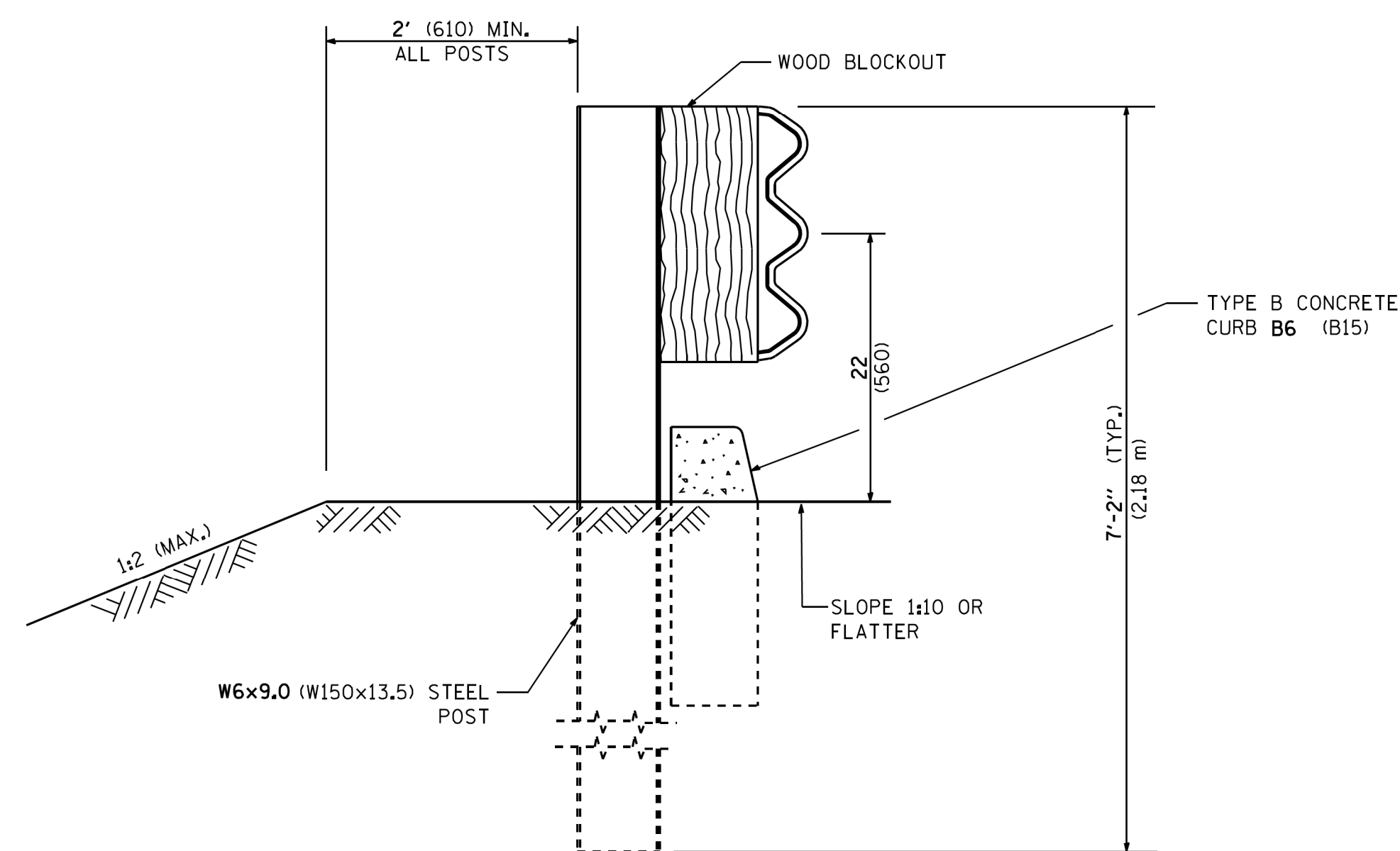


TWO SECTIONS OF THRIE BEAM ONE SET INSIDE THE OTHER

PLAN



ELEVATION



SECTION B-B

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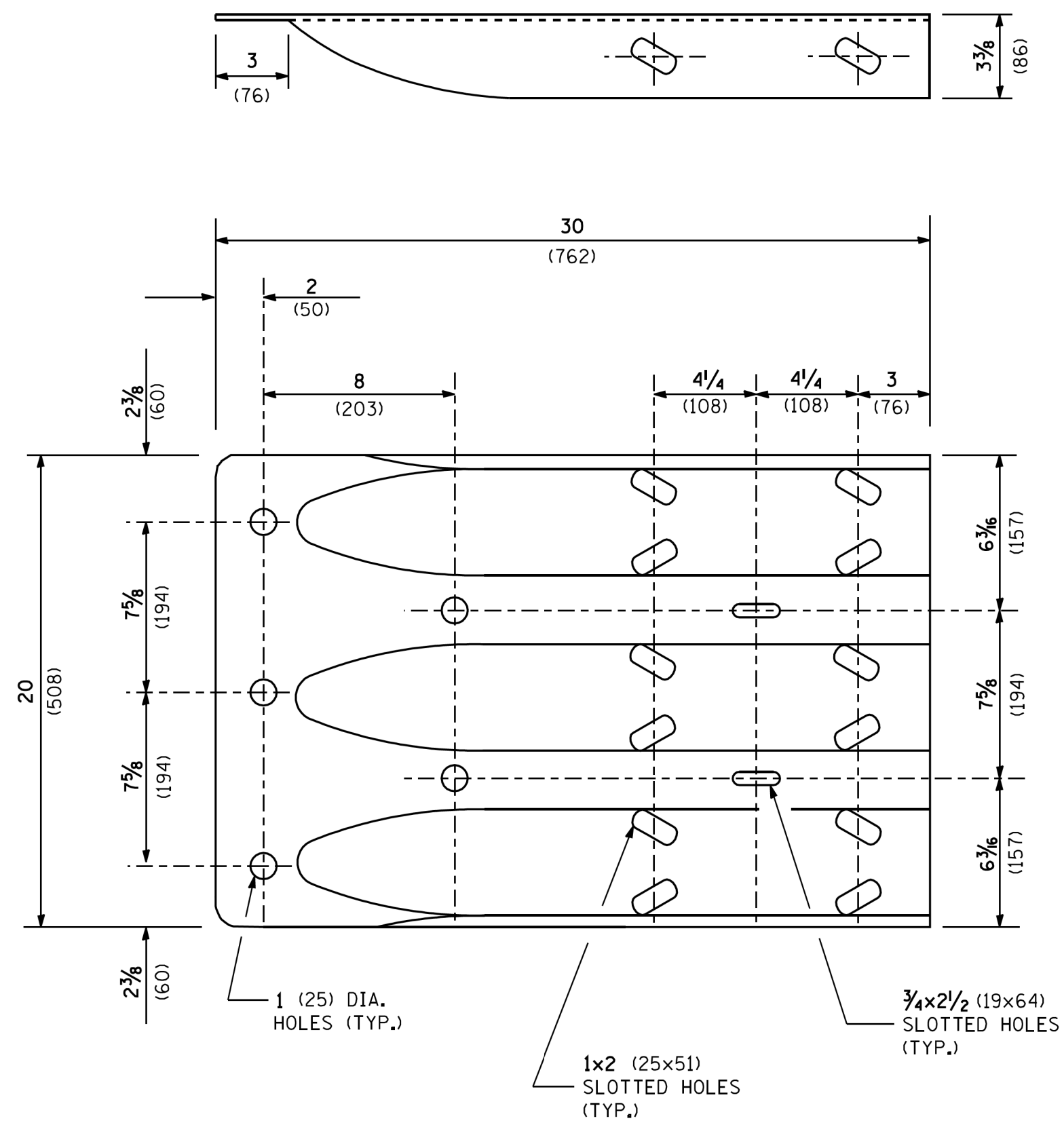
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

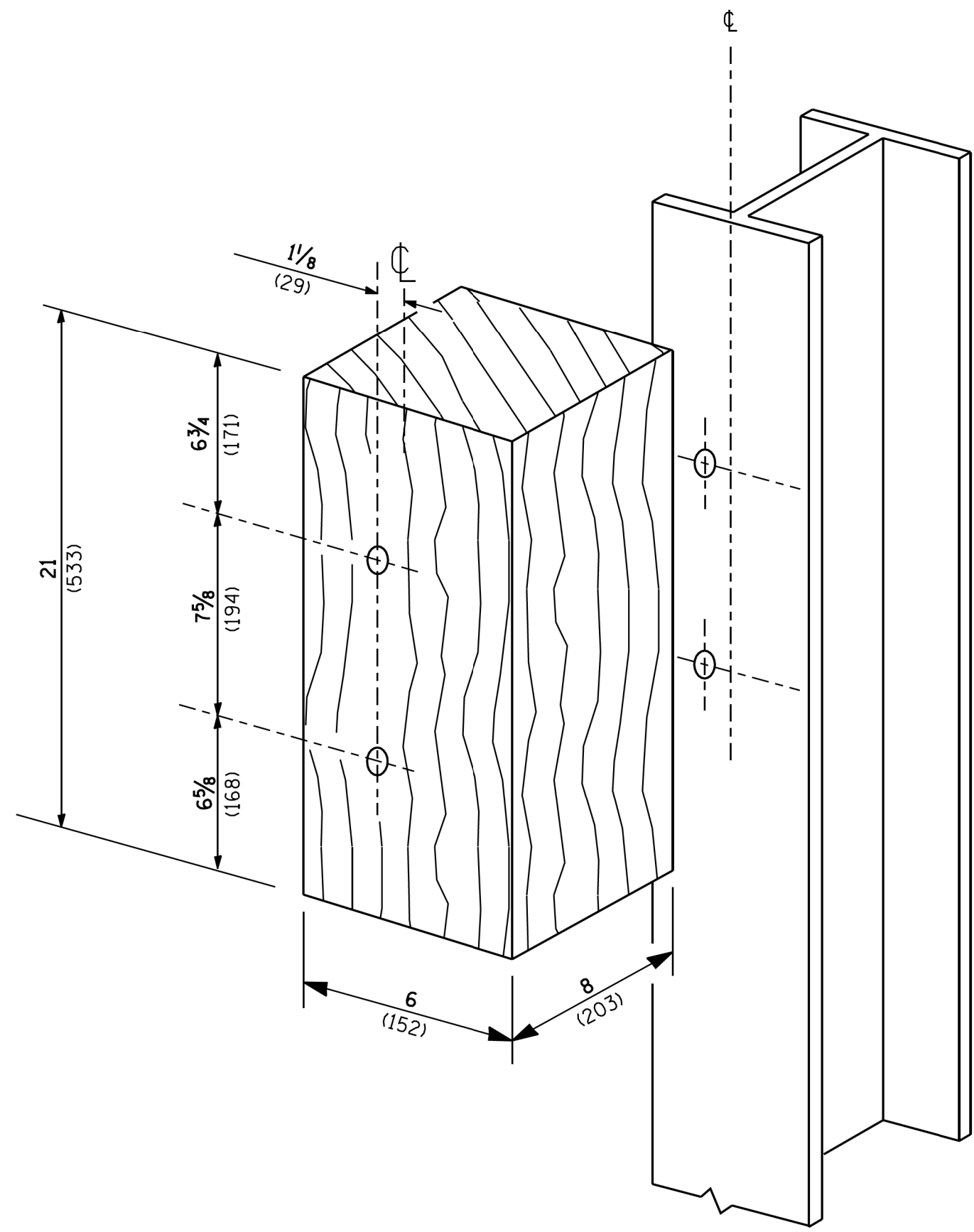
TYPE 6 TERMINAL FOR USE WITH 21" HIGH SPBGR			
SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	68
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

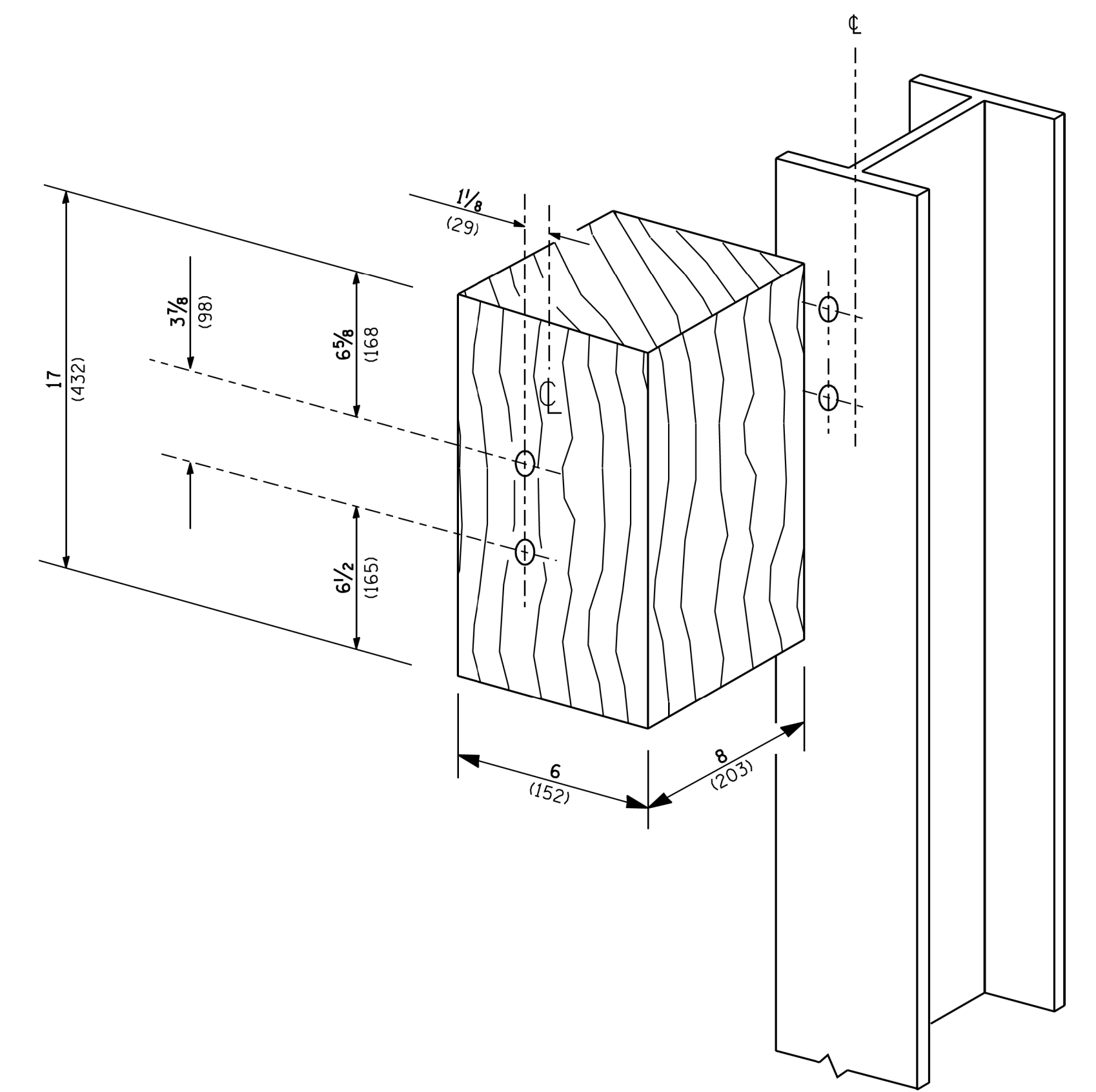
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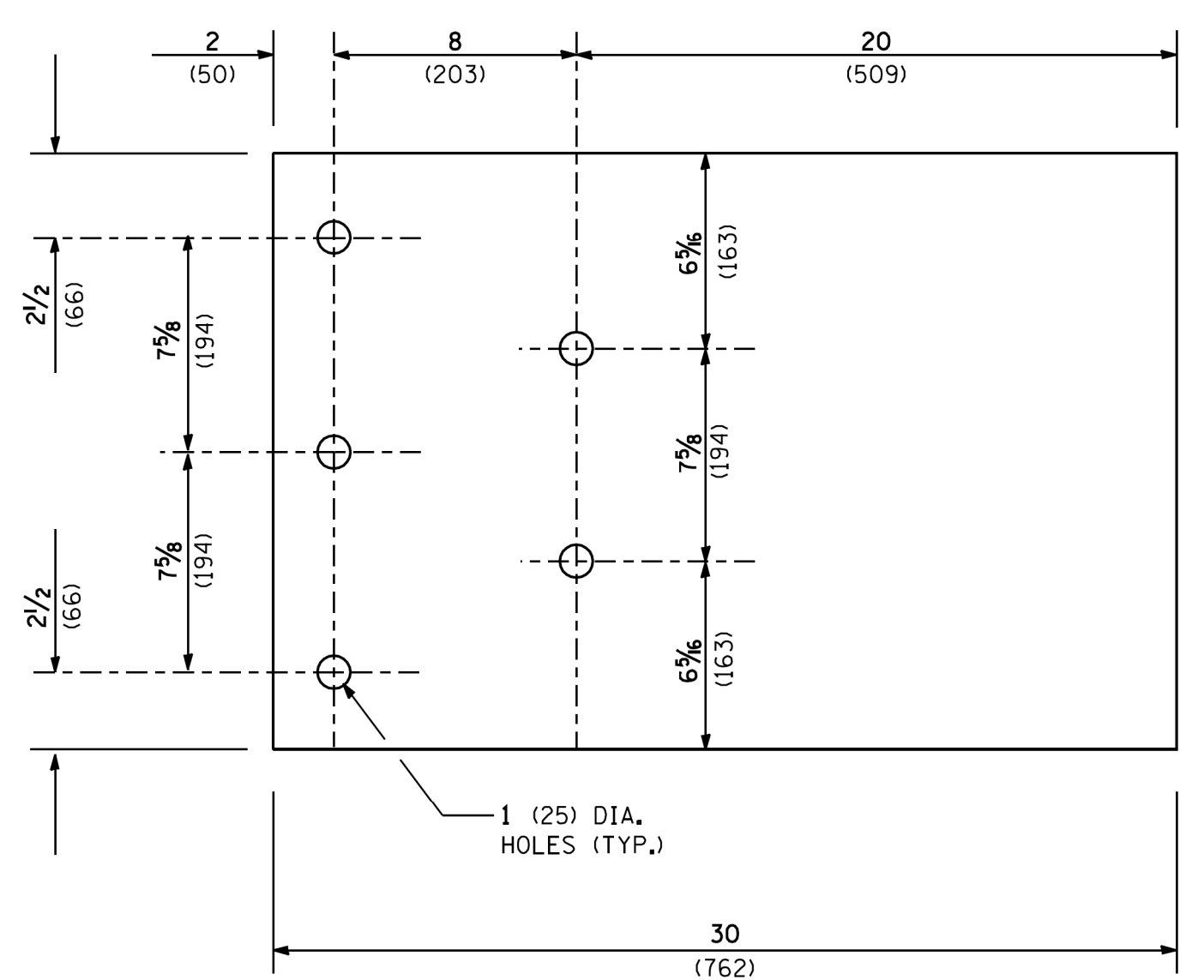
THRIE BEAM END SHOE DETAIL



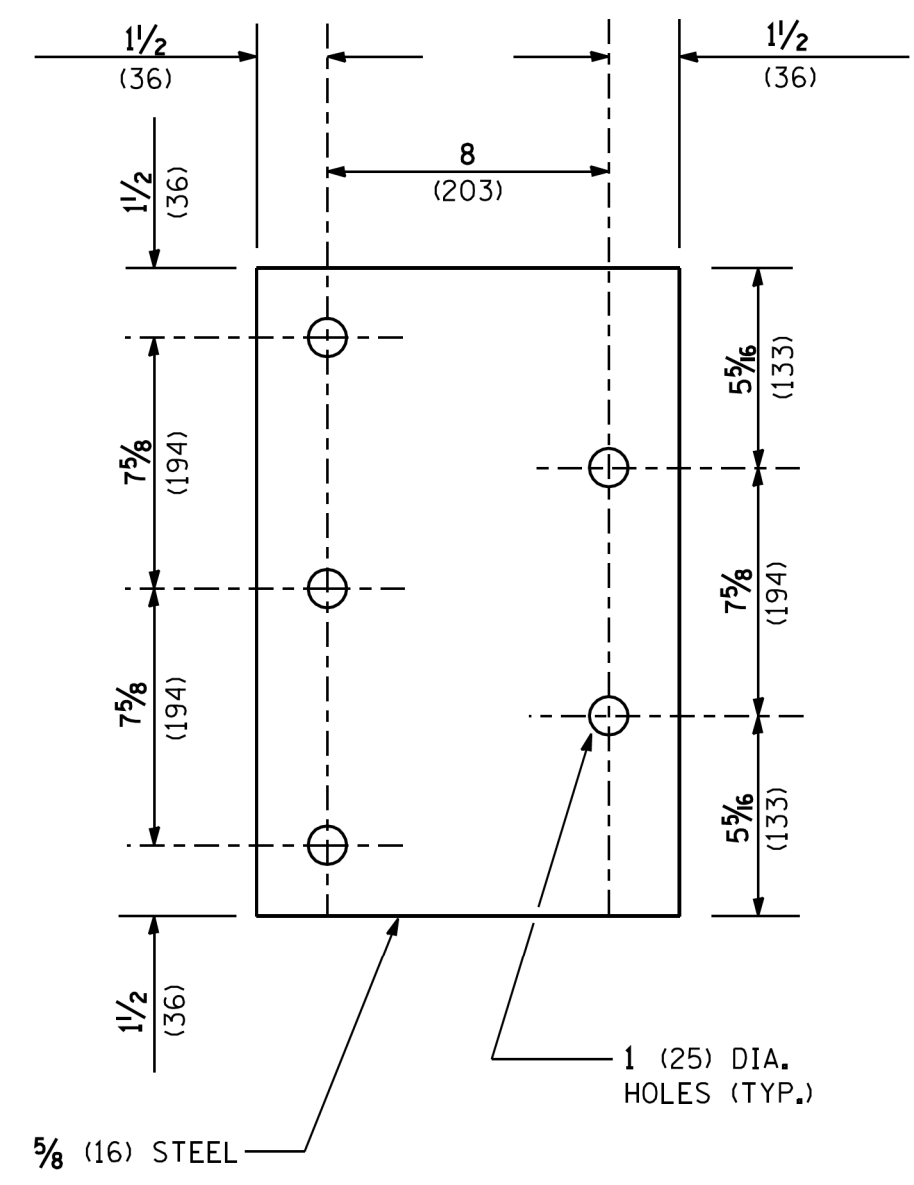
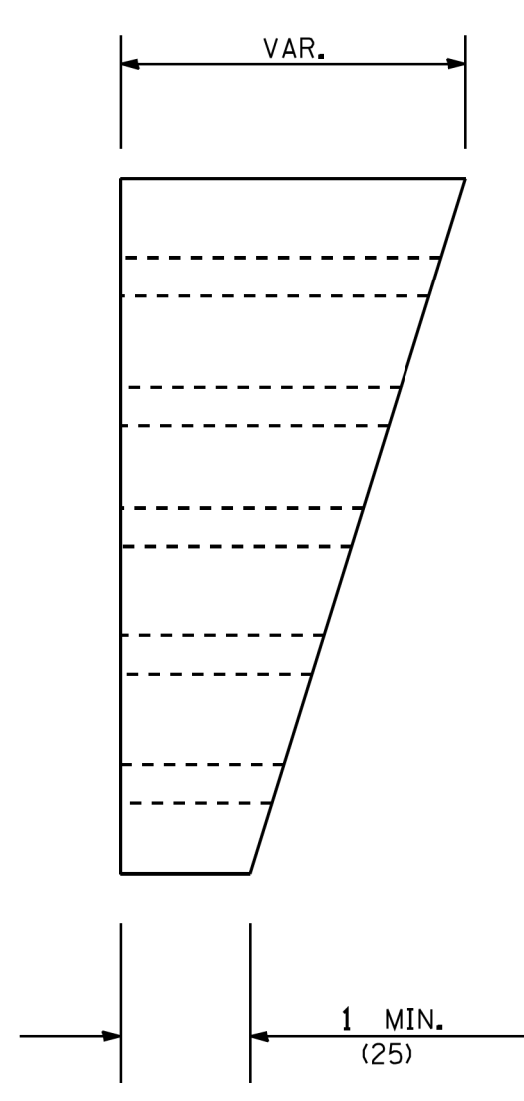
POSTS 1-11 WOOD BLOCKOUT DETAIL



POST 12 WOOD BLOCKOUT DETAIL



PARAPET WOOD BLOCK-OUT DETAIL



PARAPET STEEL BEARING PLATE DETAIL

(5 EACH INDIVIDUAL 5x5x3/8 (125x125x16) STEEL PLATES WITH CENTERED 1 (25) HOLES MAY BE SUBSTITUTED FOR THE PLATE SHOWN.)

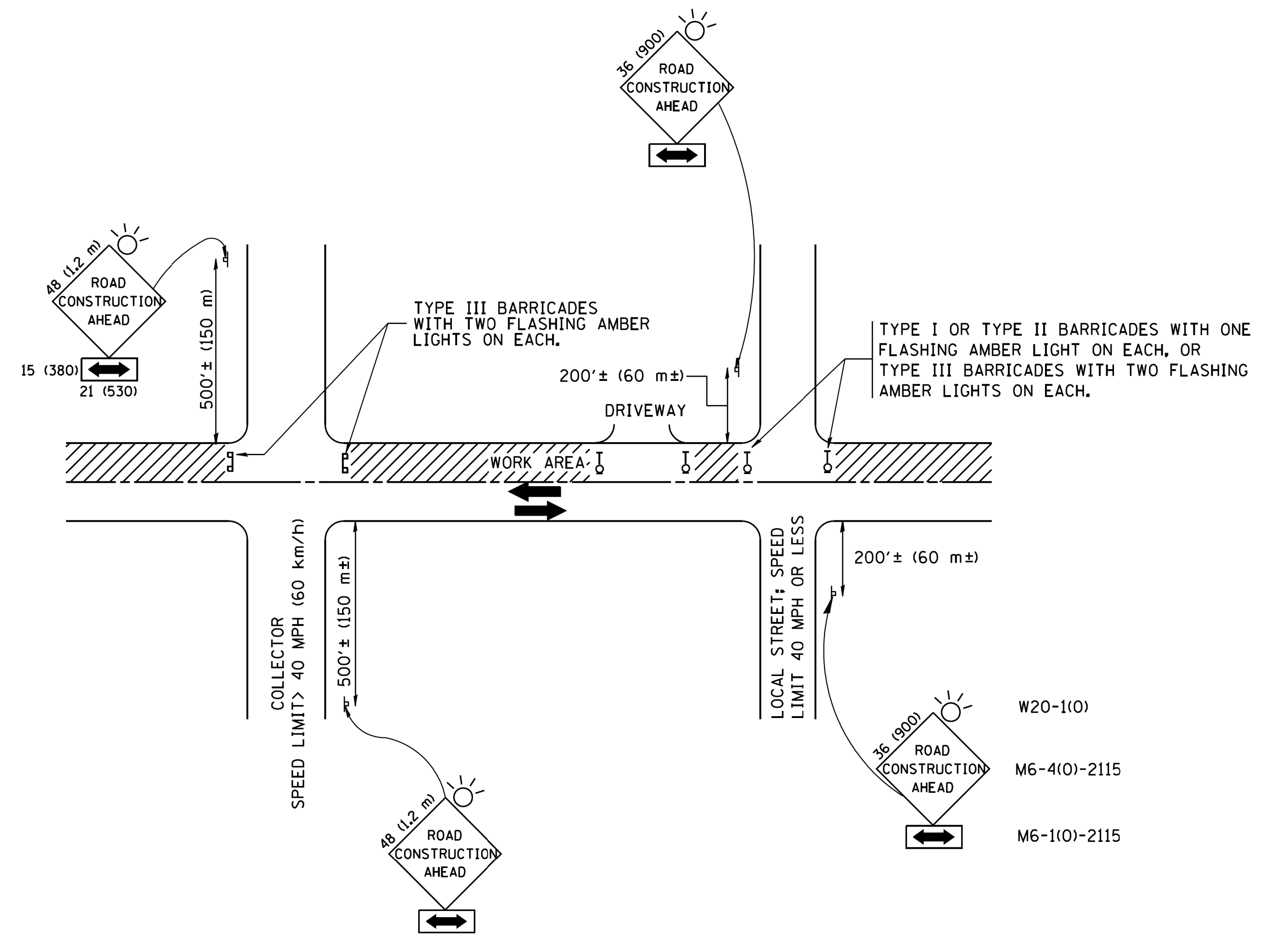
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPE 6 TERMINAL FOR USE WITH 21" HIGH SPBGR			
SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.

F.A.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEETS 94	SHEET NO. 69
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- 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 AND FLAG 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.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).**
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

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

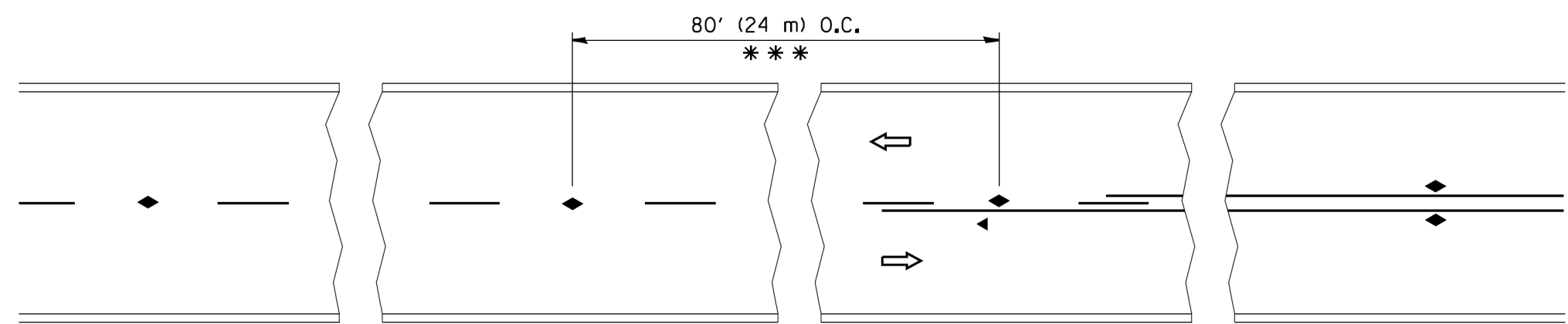
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		PLOT SCALE = 50.000' / IN.	REVISED - A. HOUSEH 10-15-96
		PLOT DATE = 1/4/2008	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

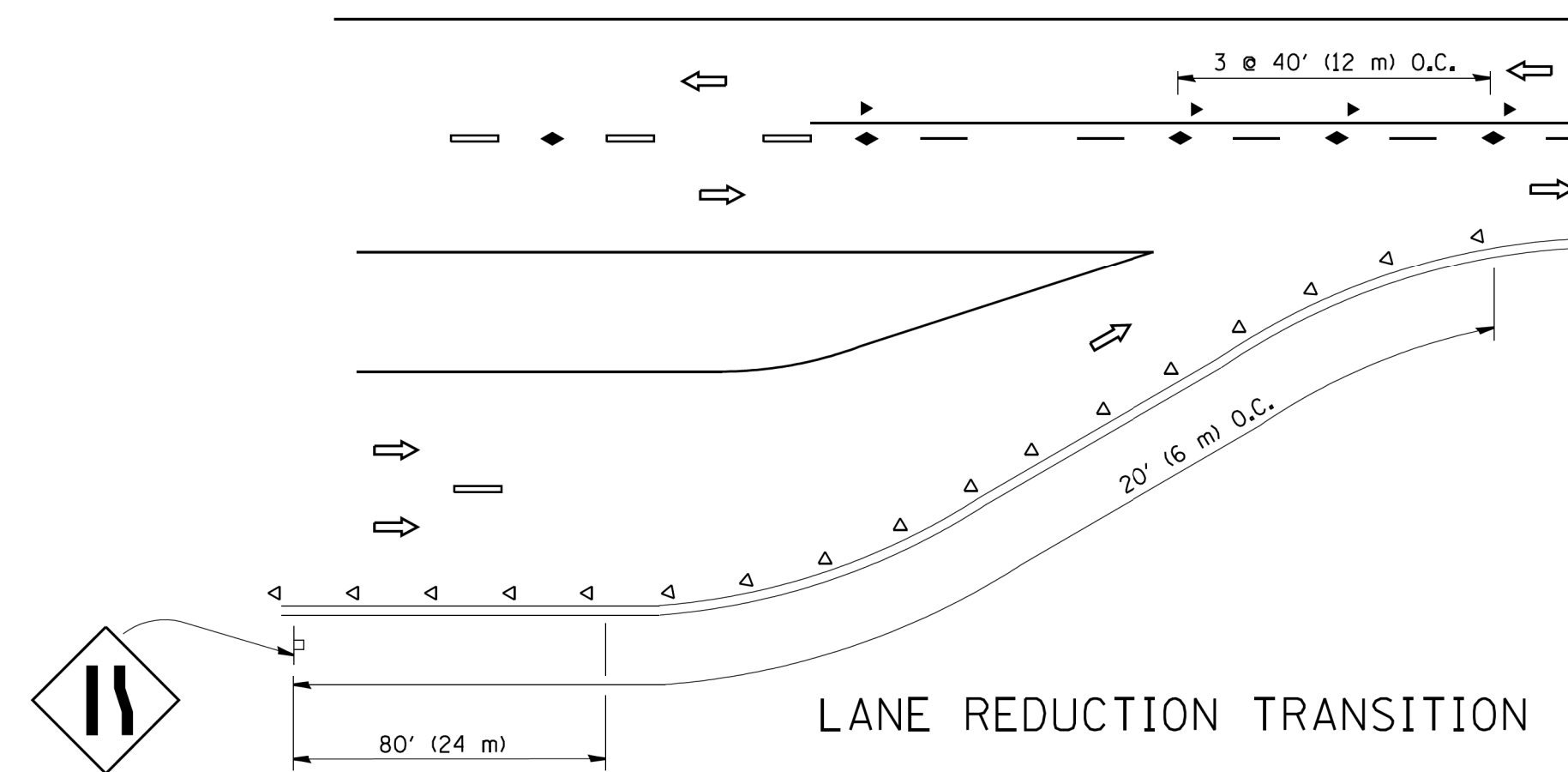
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

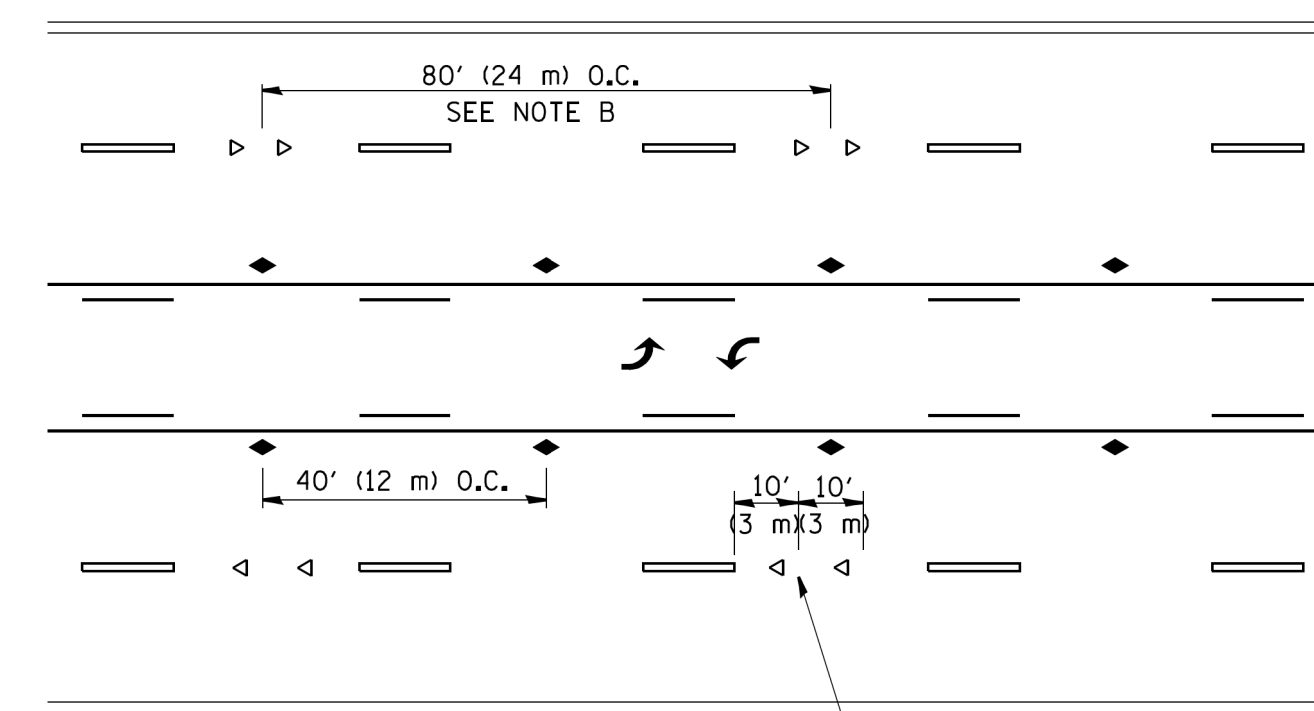


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

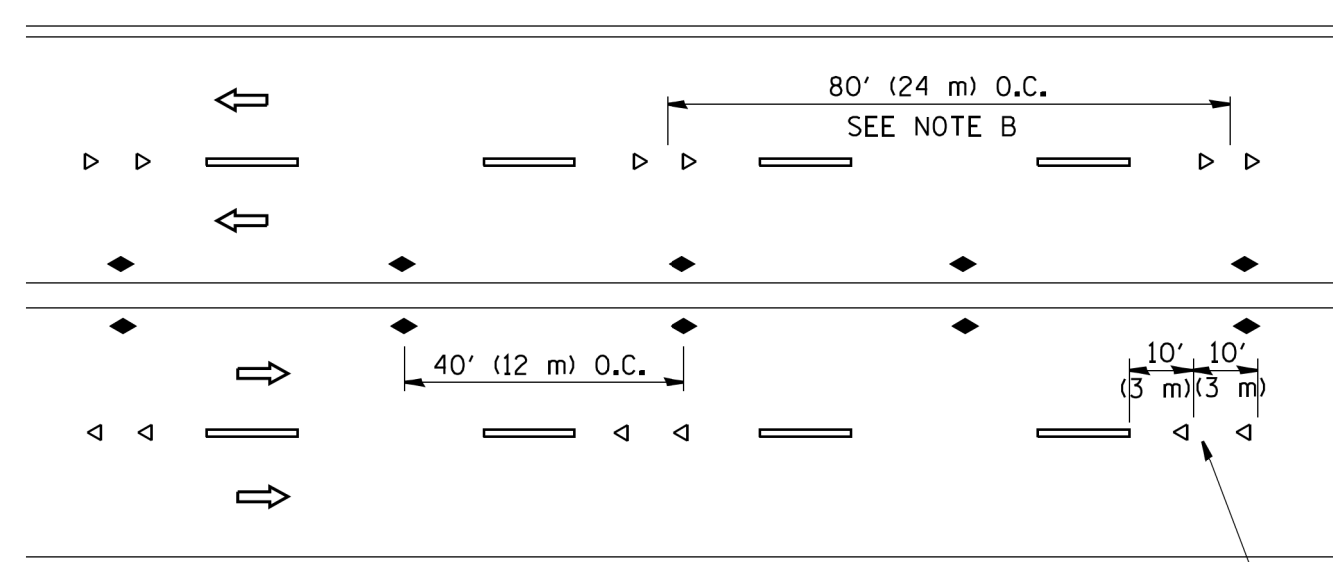
TWO-LANE/TWO-WAY



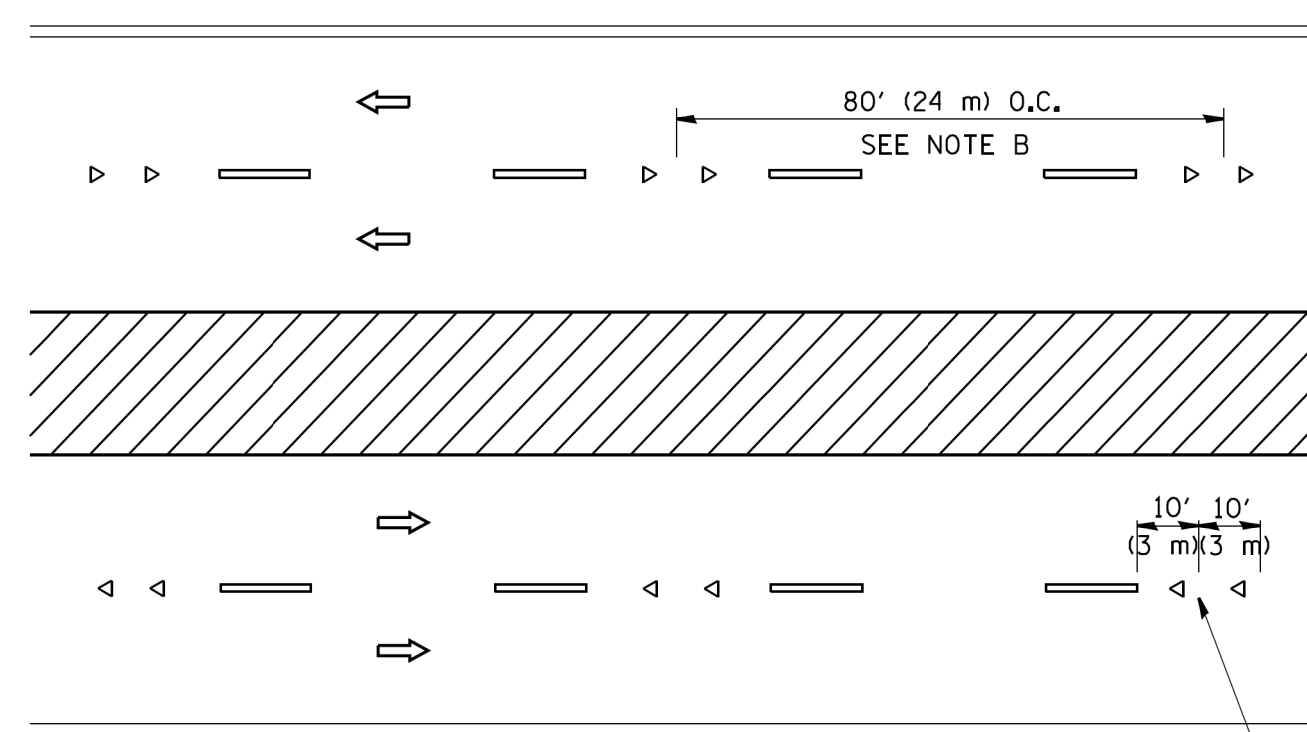
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

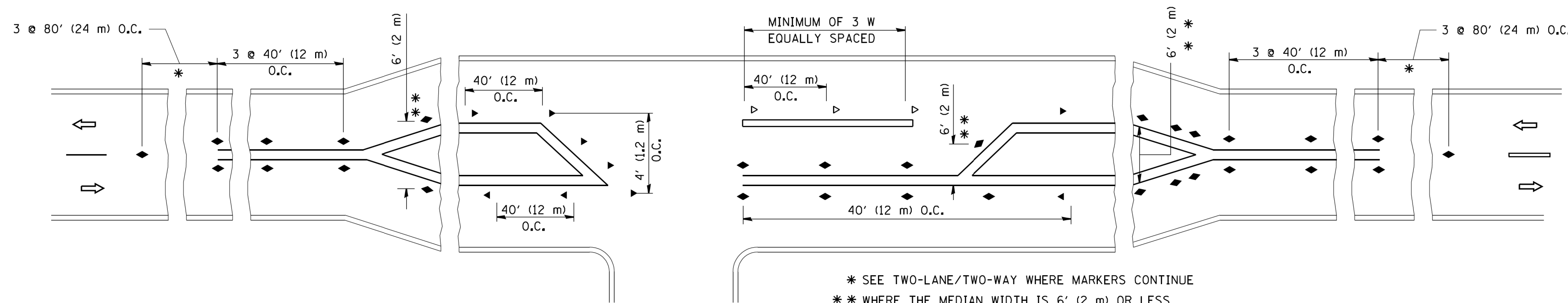
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

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



LEFT TURN

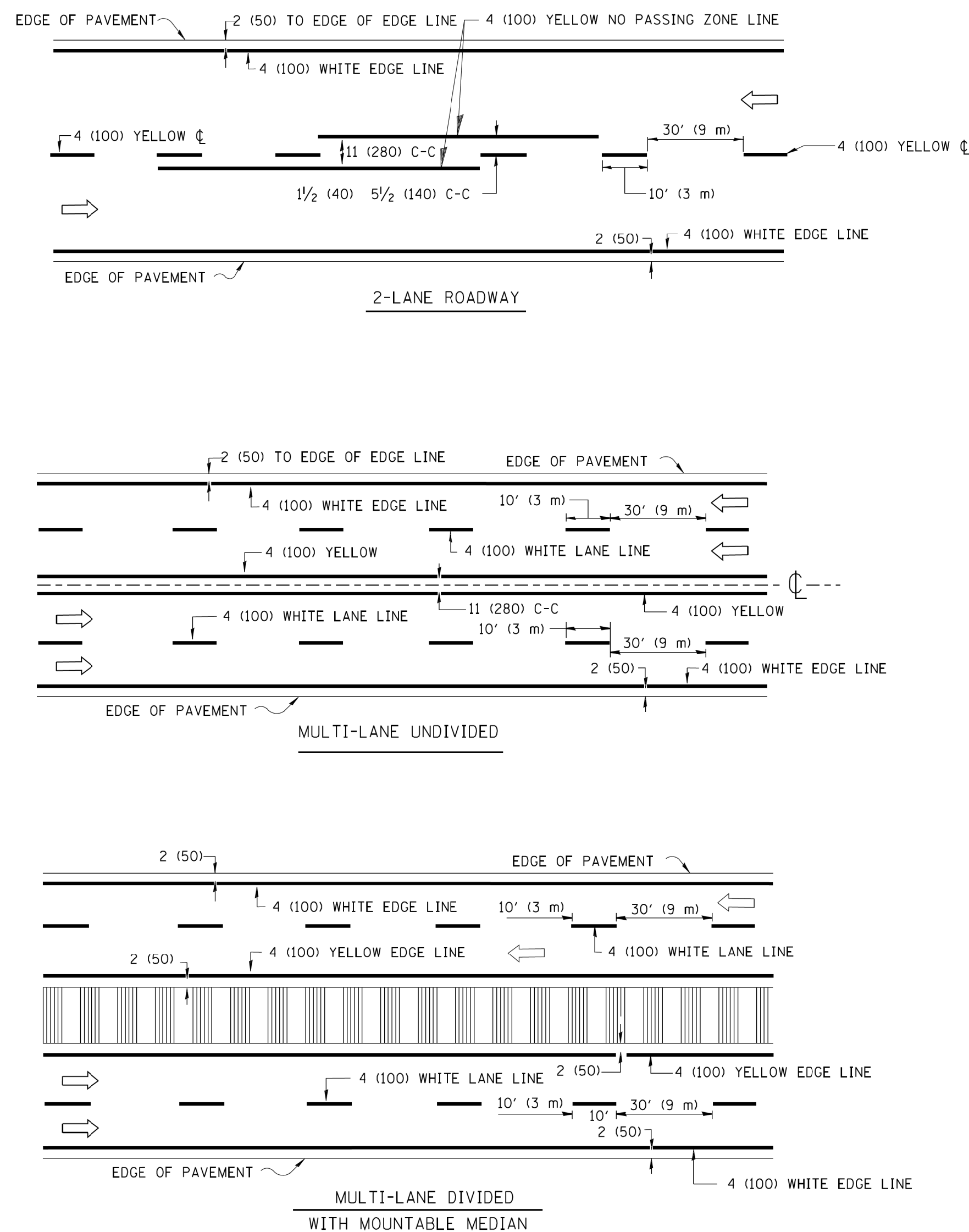
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

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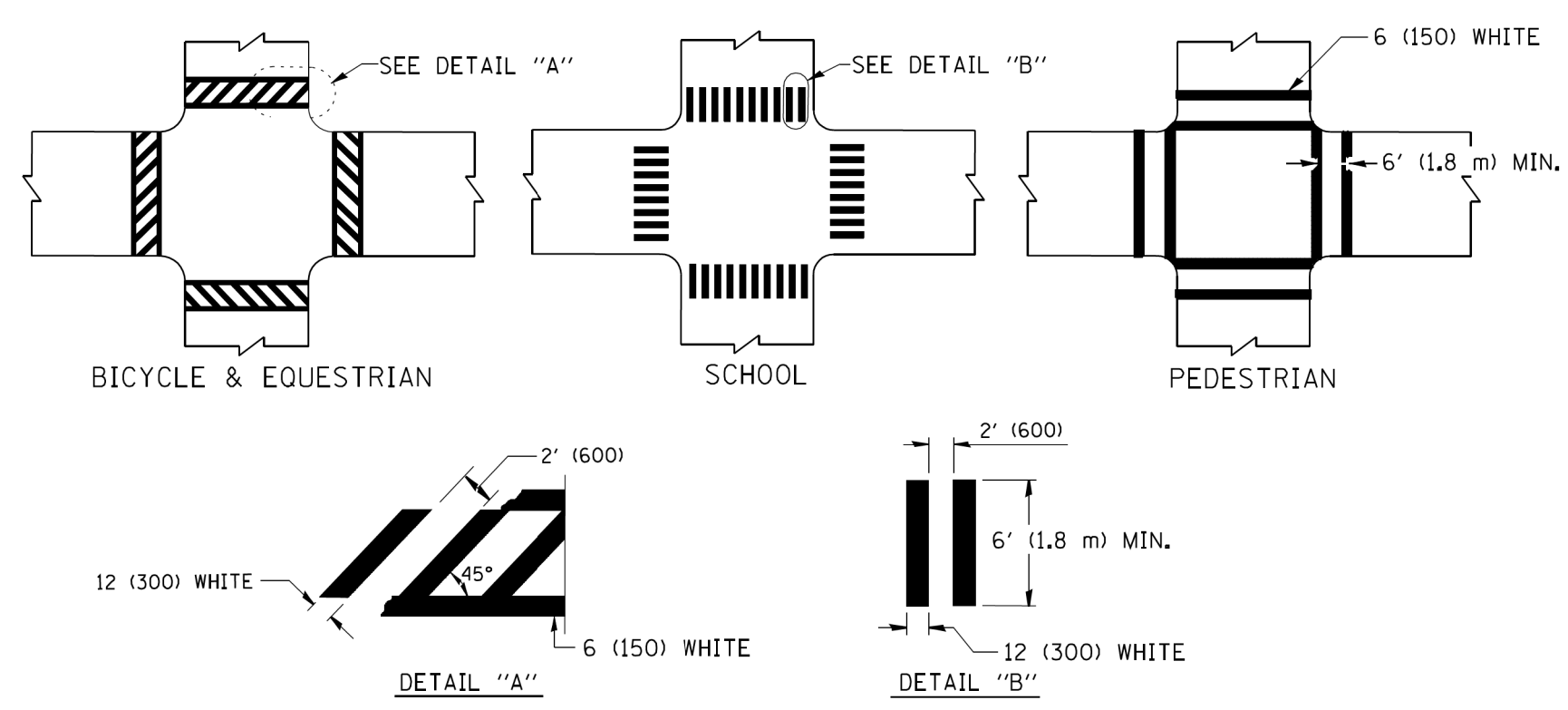
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PLOT SCALE = 50.000' / IN.	CHECKED -	DATE -	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60484				
PLOT DATE = 3/2/2011							ILLINOIS FED. AID PROJECT					

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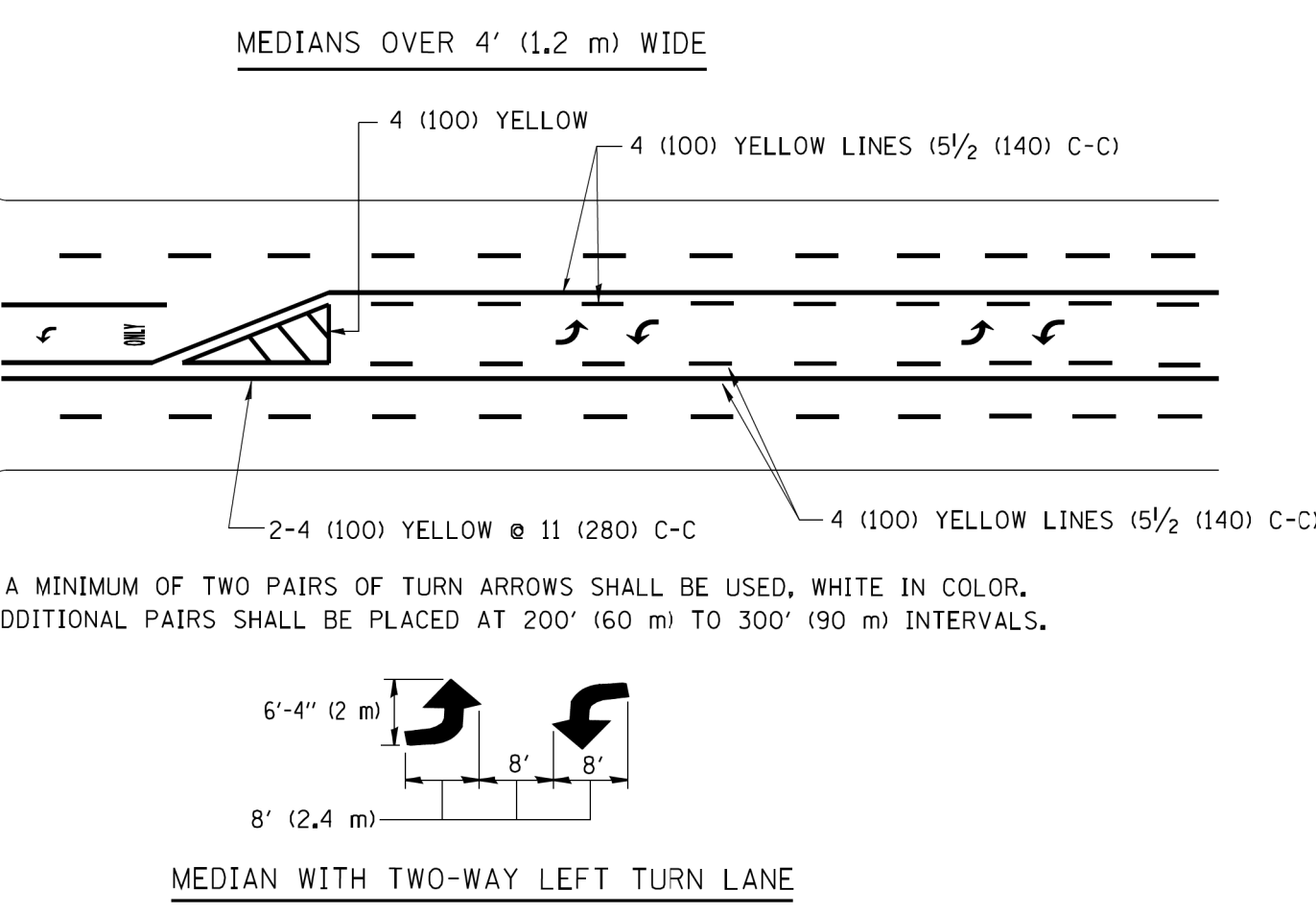
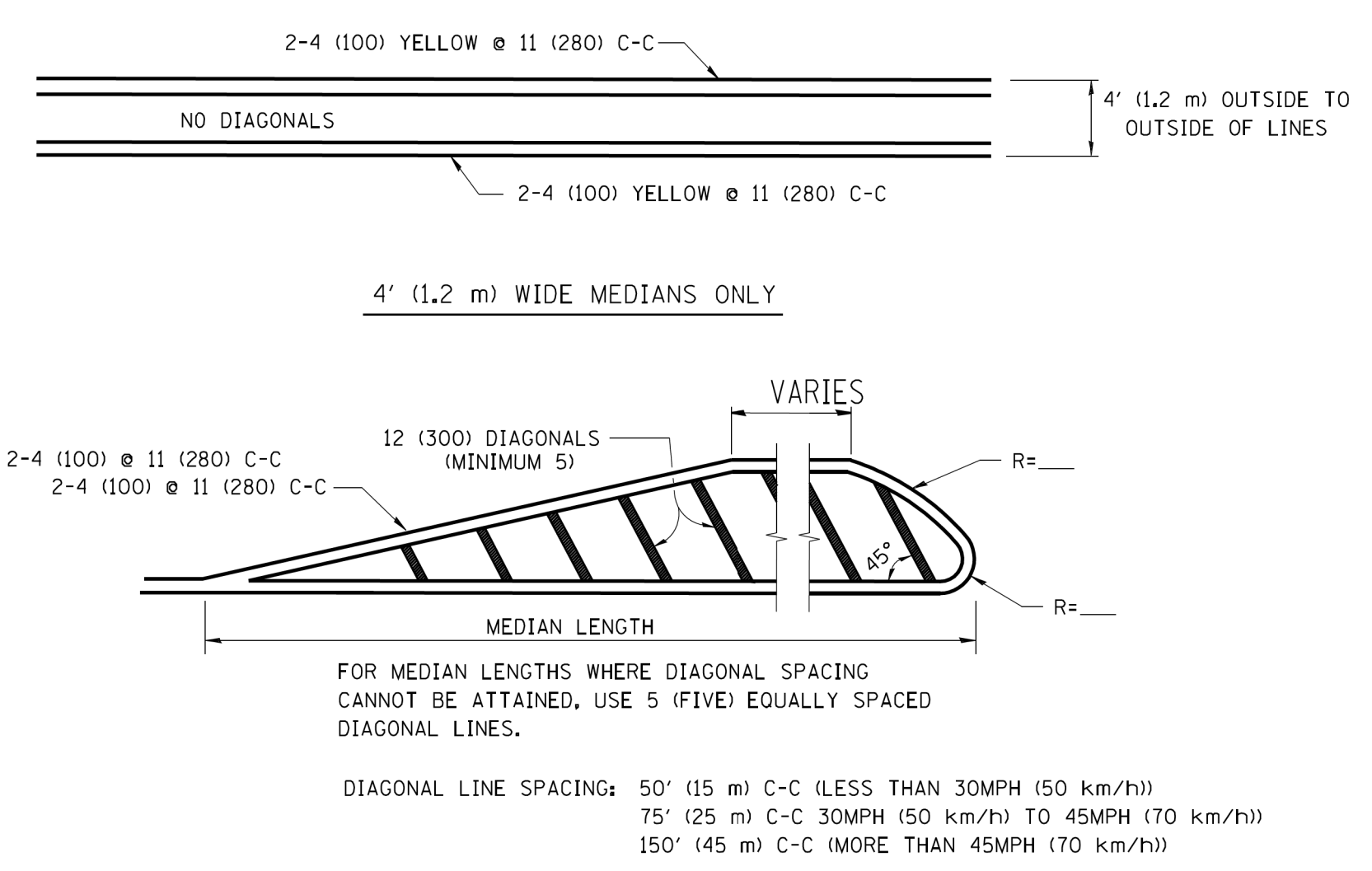


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

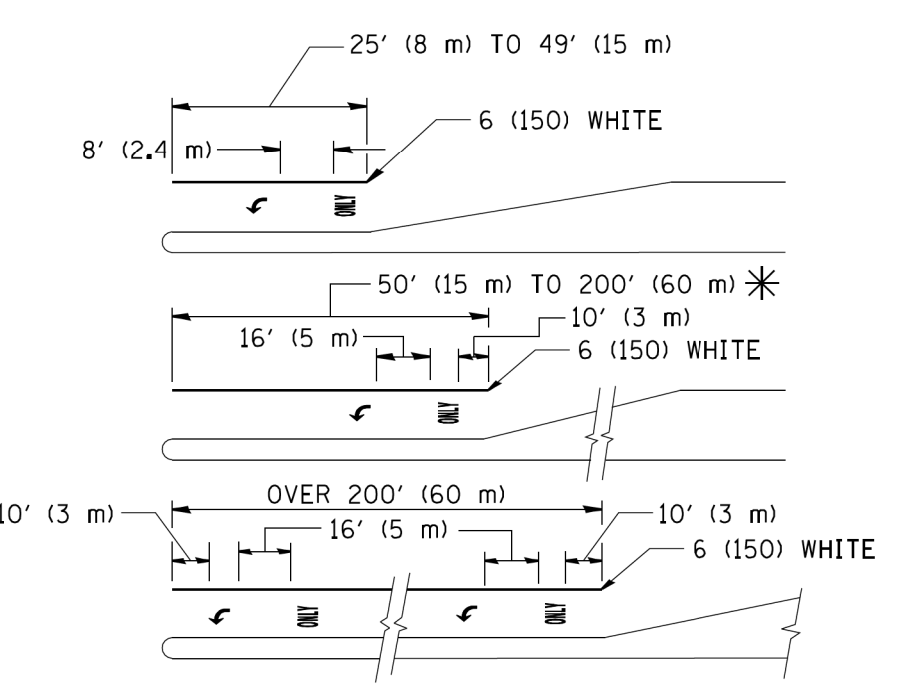
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



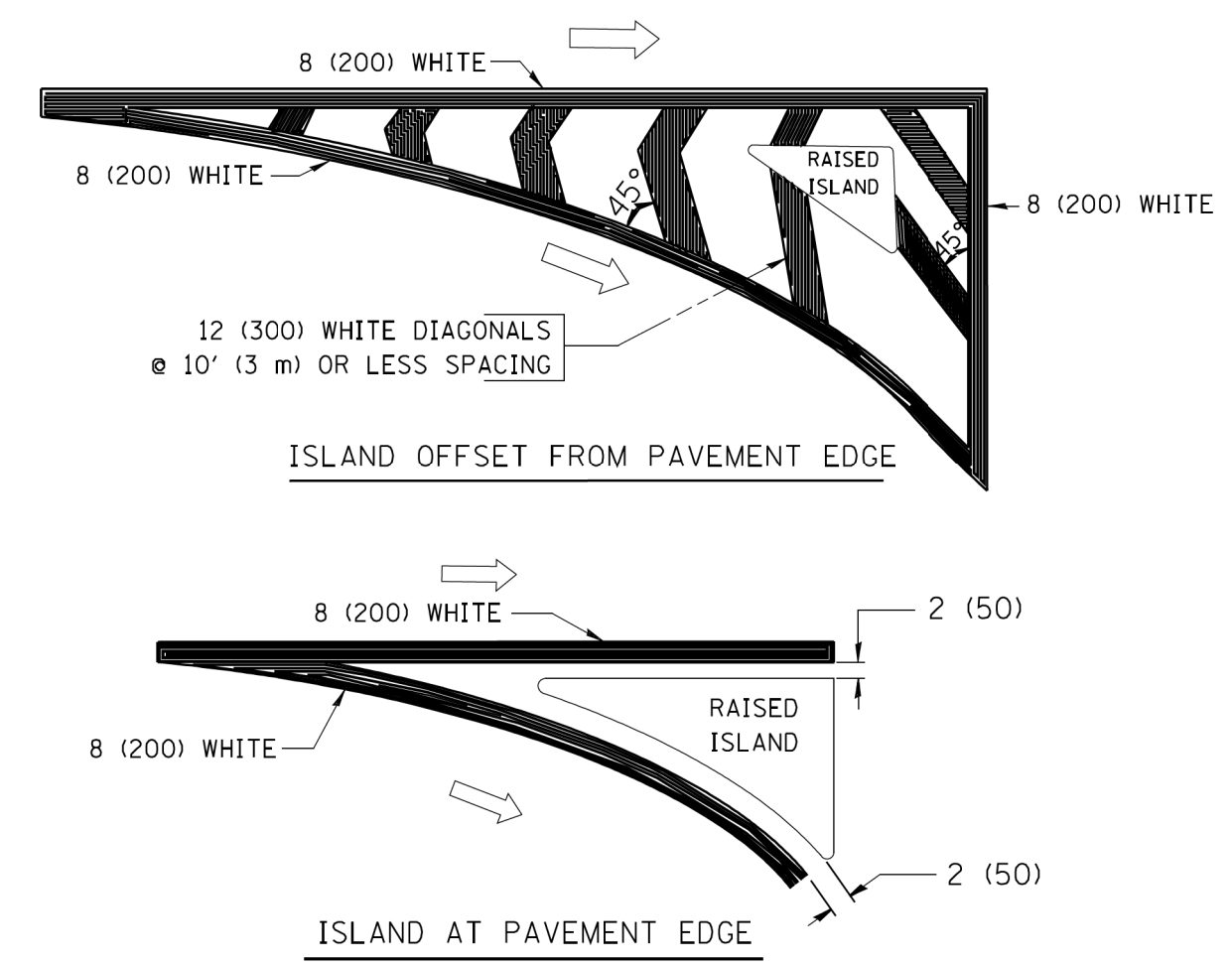
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	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))

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.

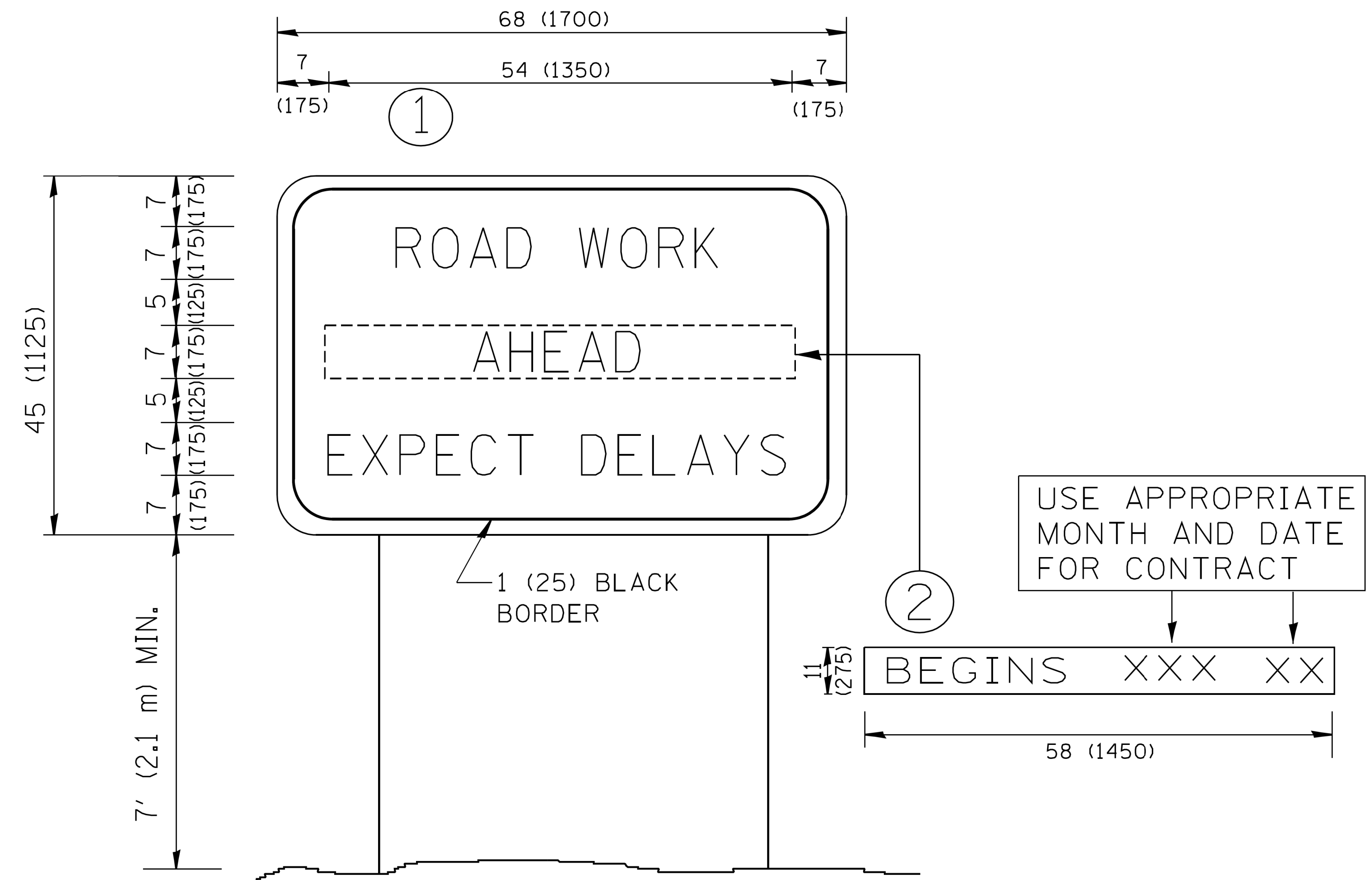
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ei:\pwork\work\pwi\dot\drivakosgn\d0108315\td3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	72
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

P:\2017\17-129-000_EFK_Moen_IDOT_DUR_PTB_181-4\17-129-013_WD_13_Ashland_Ave_135th_St_Brdg_Rem\1 con_P\1\Design_For_Printing_0N\1\Transportation\CADD\CADD_Sheets\0112154-sht-tc22-22x34.dgn



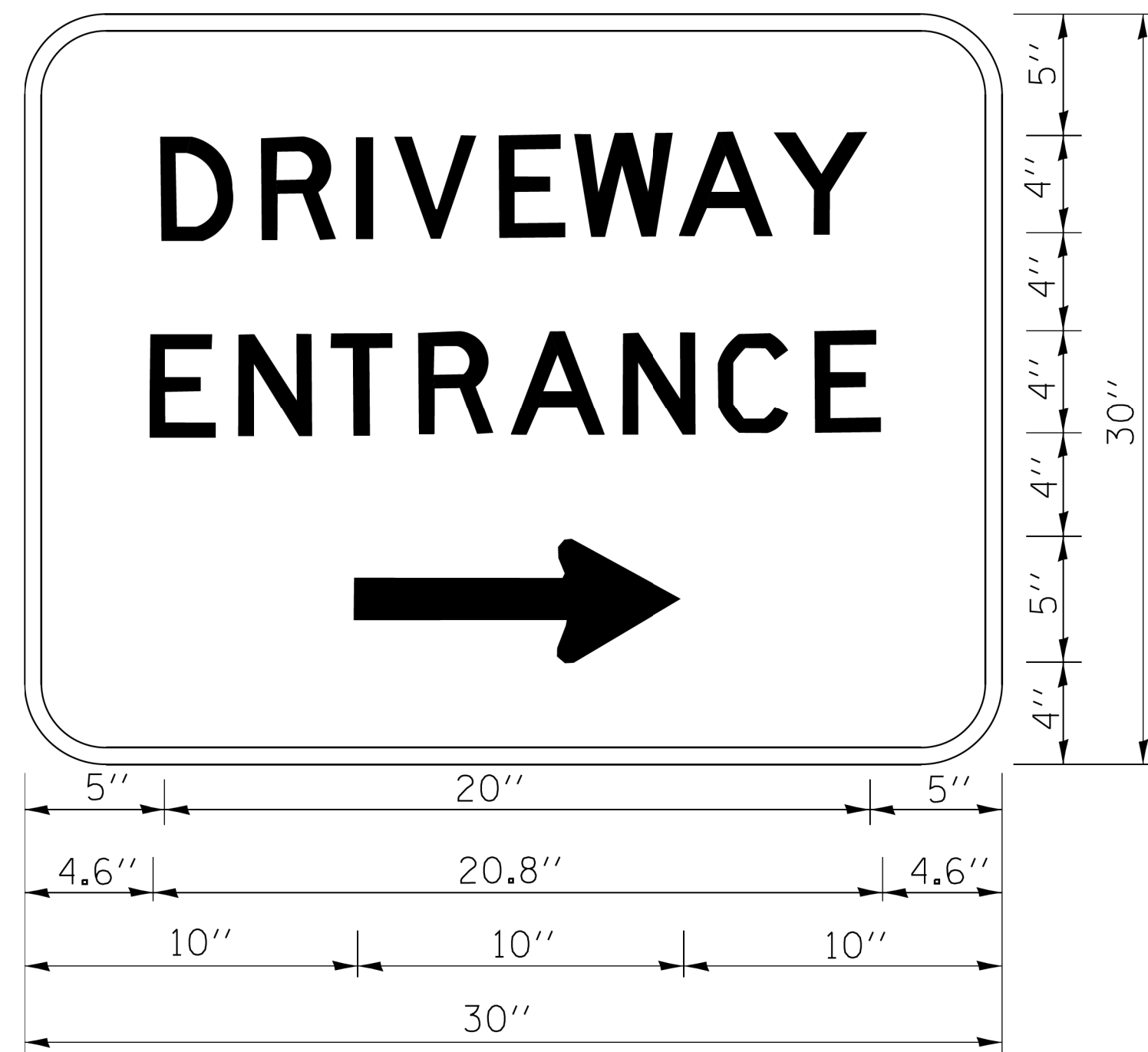
NOTES:

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

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

FILE NAME =	USER NAME = geglano	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
W:\diststd\22x34\tc22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97			2857	146B-BR	COOK	94	74	
PLOT SCALE = 50.000' / IN.		CHECKED -	REVISED - T. RAMMACHER 02-02-99			CONTRACT NO. 60484					
PLOT DATE = 1/4/2008		DATE -	REVISED - C. JUCIUS 01-31-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

M:\2012\17-129-000_EFK_Moen_IDDT_DUR_PTB_181-4\17-129-013_WD_13_Ashland_Av-135th_St_Brdg_Rem1 on PW\Design For Printing_0NL\Transportation\CADD\CADD_Sheets\0112154-sht-c26-22-34.dgn



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".

FILE NAME =	USER NAME = gag1anobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ci:\pwork\work\p1dot\gag1anobt\d0108315\to		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

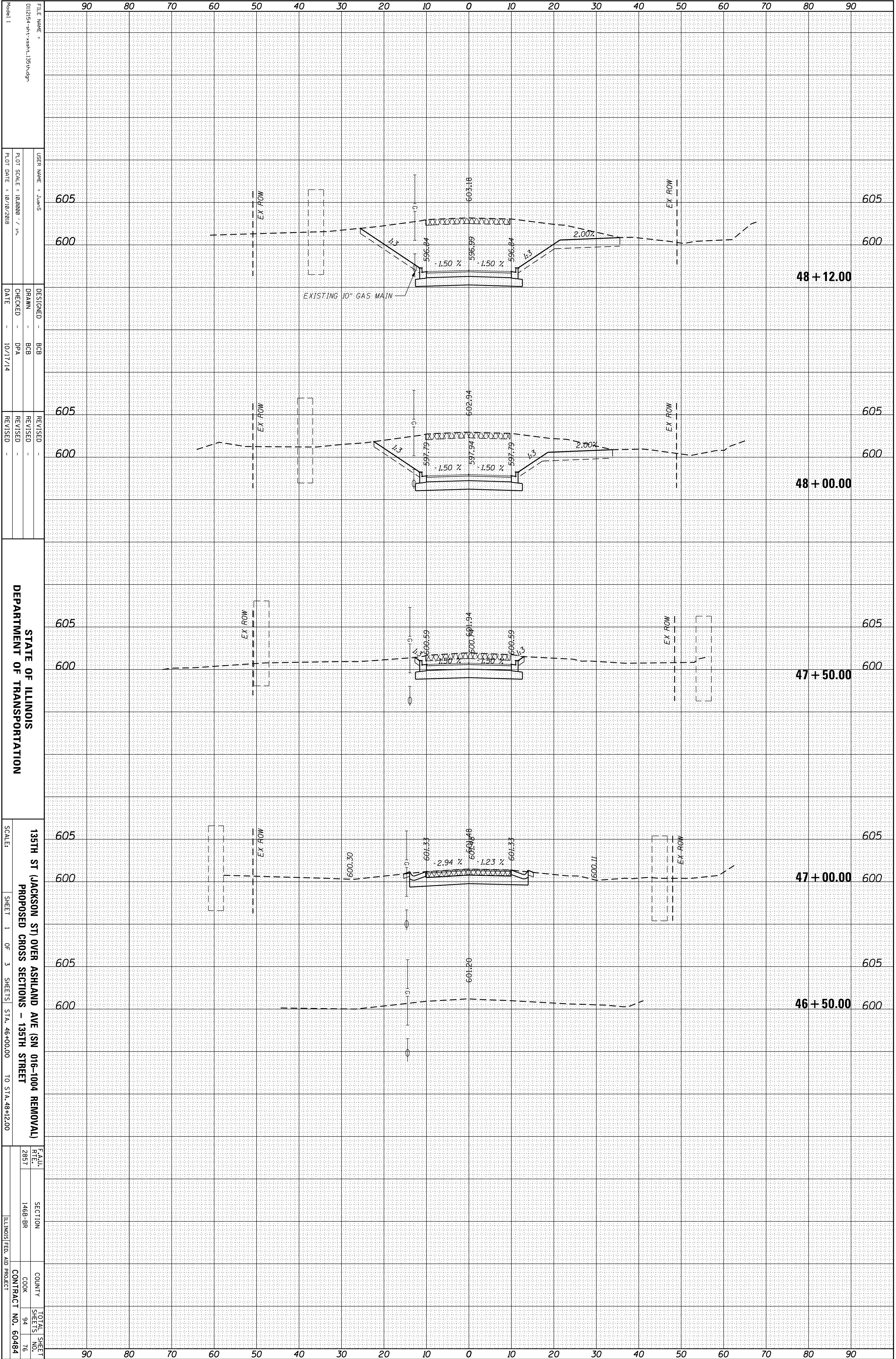
DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2857	146B-BR	COOK	94	75
CONTRACT NO. 60484				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



FILE NAME = 012154-ash-asht-135th.dgn
 USER NAME = JUAN'S
 PLOT SCALE = 1/8"=1'-0"
 PLOT DATE = 10/10/2018

DESIGNED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

REVISIONS
 REVISION -
 REVISION -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - 135TH STREET
 SCALE: SHEET 1 OF 3 SHEETS STA. 46+00.00 TO STA. 48+12.00

FEAU REF. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEET NO. 94
			76
			CONTRACT NO. 60484
			ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

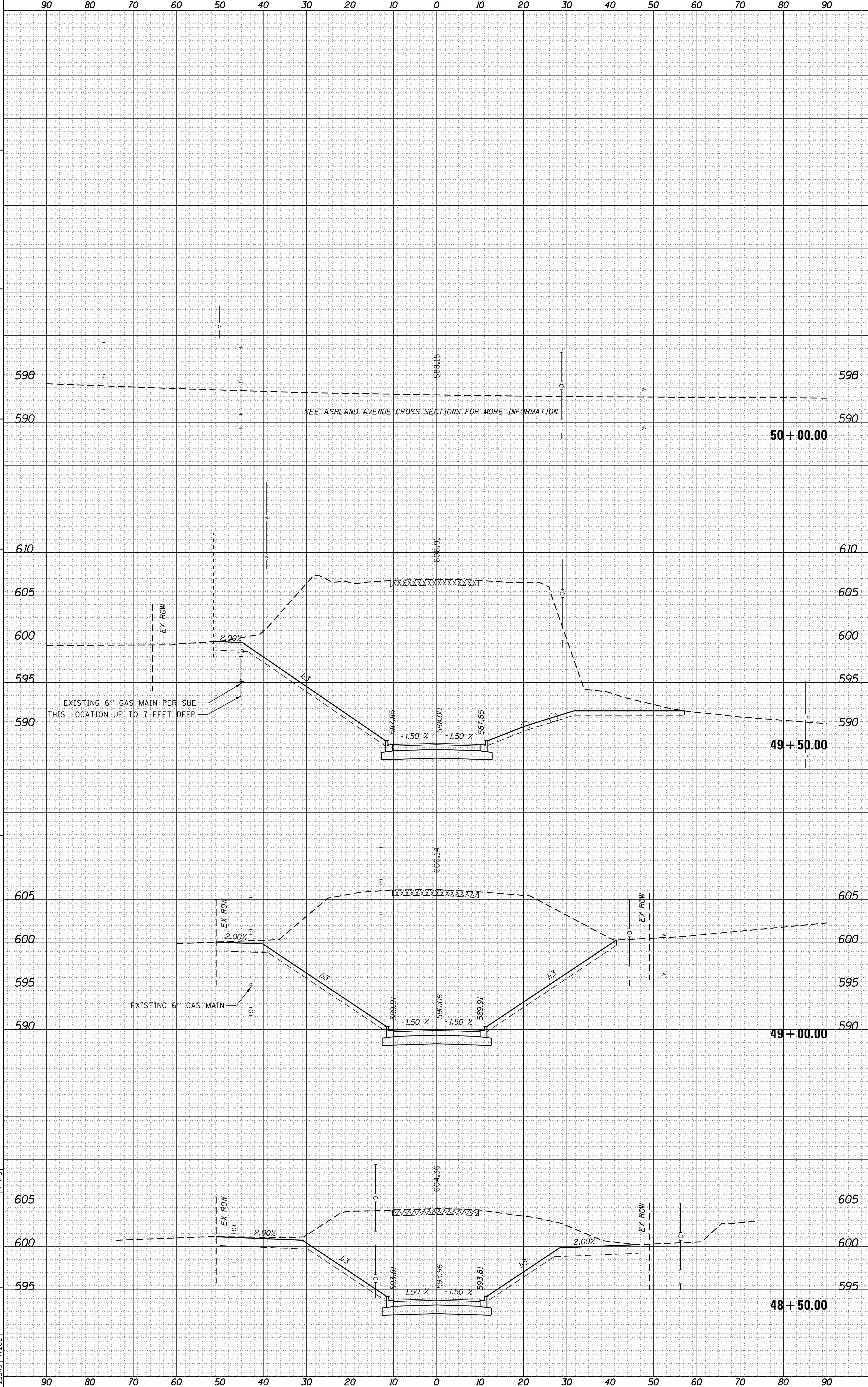
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FILE NAME = 012154-sh-v-x-sh-r-135th.dgn
 USER NAME = JUAN'S
 DESIGNATED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

REVISIONS
 REVISED -
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 REVISED -

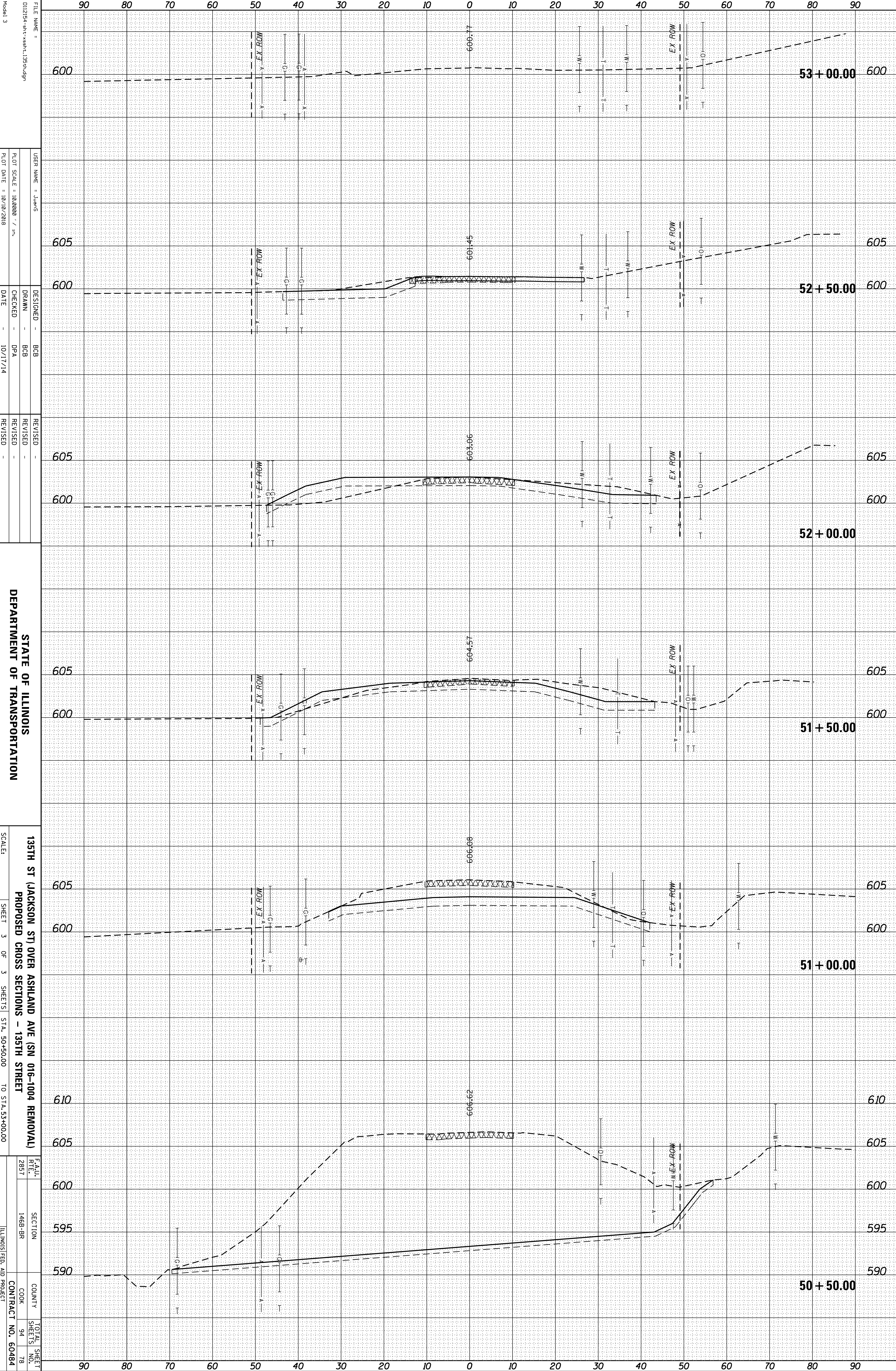
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - 135TH STREET
 SCALE: SHEET 2 OF 3 SHEETS STA. 48+50.00 TO STA. 50+00.00

FEA.U. 2857
 SECTION 1488-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEET NO. 94
 SHEETS 77



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



Model 3
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 USER NAME = JUAN'S
 DRAWN = BCB
 CHECKED = DPA
 DATE = 10/17/14
 DESIGNED = BCB
 REVISIONS:

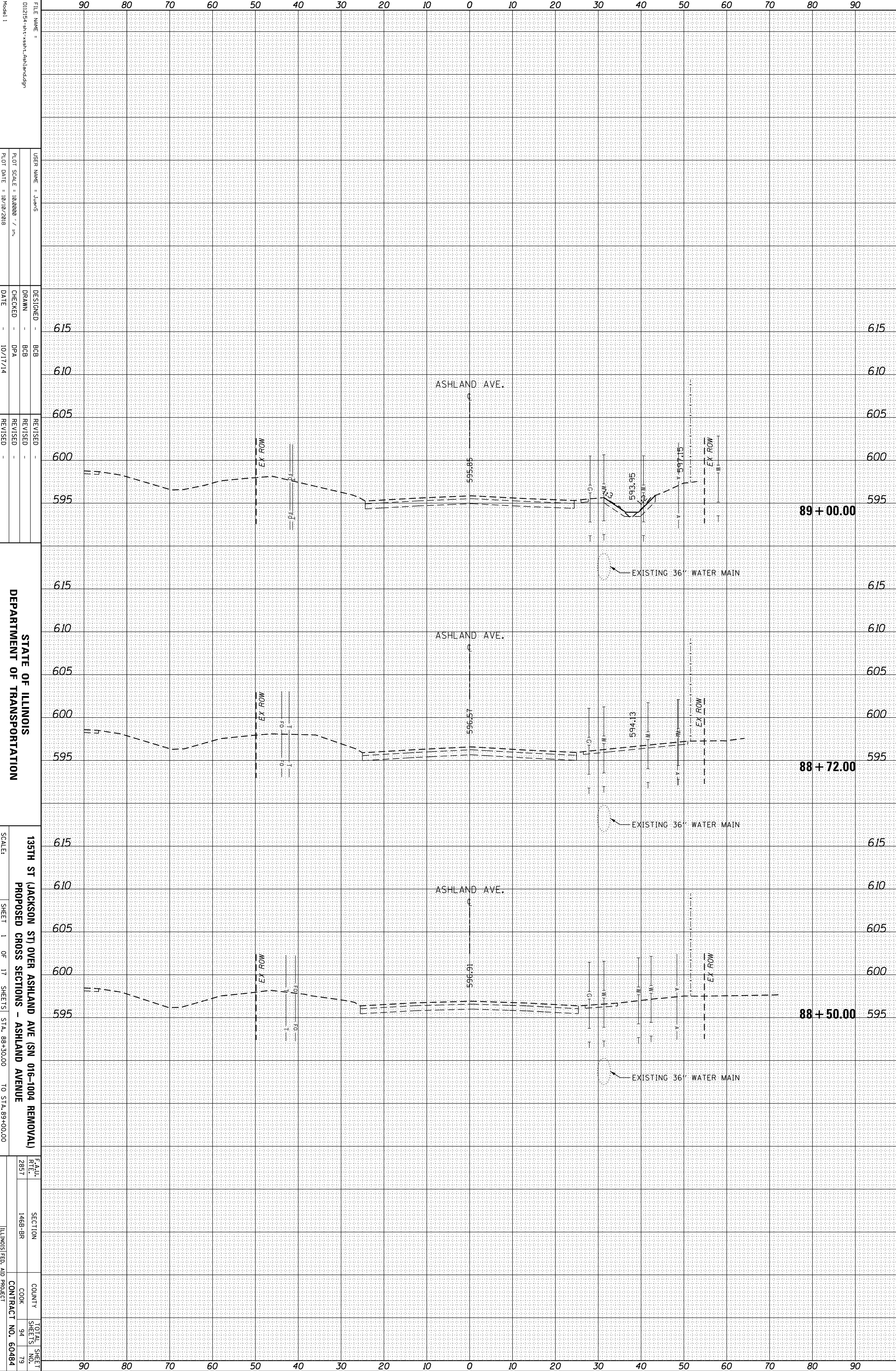
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST OVER ASHLAND AVE (SN 016-1004 REMOVAL))
 PROPOSED CROSS SECTIONS - 135TH STREET
 SCALE: SHEET 3 OF 3 SHEETS STA. 50+50.00 TO STA. 53+00.00

FEALU	SECTION	COUNTY	TOTAL SHEET
RTE.			SHEETS
2857	1488-BR	COOK	94
		CONTRACT NO.	78
			60484
		ILLINOIS FED. AID PROJECT	

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



FILE NAME = 012154-sh-v-x-sh-l-Ashland.dgn
 USER NAME = JUAN'S
 PLOT SCALE = 1/8"=1'-0"
 PLOT DATE = 10/10/2018

DESIGNED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

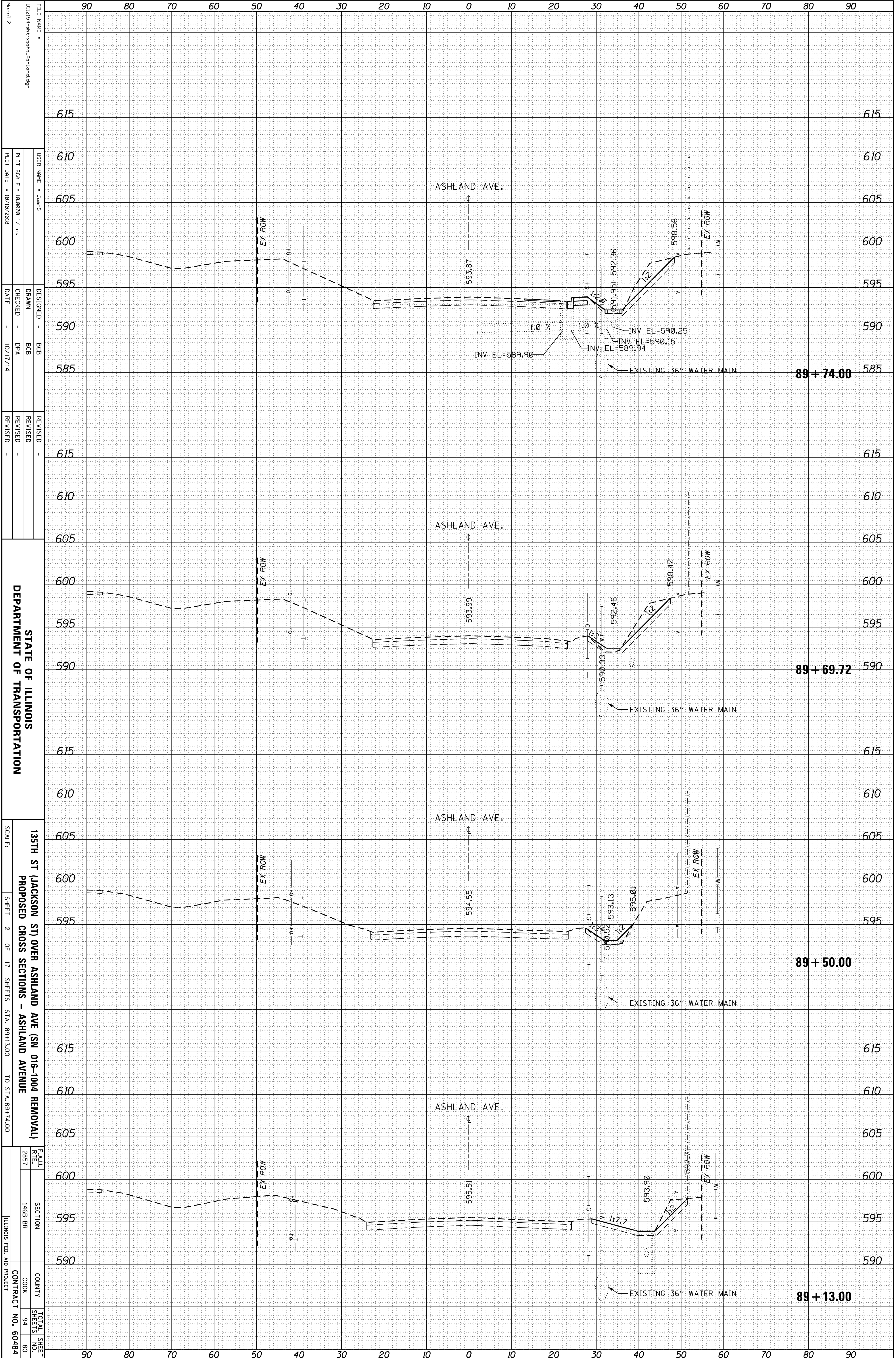
REVISIONS
 REVISION NO. DATE DESCRIPTION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 1 OF 17 SHEETS STA. 88+30.00 TO STA. 89+00.00

FEA.U. RTE. 2857	SECTION 146B-BR	COUNTY COOK	TOTAL SHEET NO. 94	SHEET NO. 79	CONTRACT NO. 60484	ILLINOIS FED. AID PROJECT
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



Model 2

FILE NAME = 012154-ash-rash-r-ashland.dgn

USER NAME = JUAN'S

DESIGNED - BCB

DRAWN - BCB

CHECKED - DPA

DATE - 10/17/14

REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PROPOSED CROSS SECTIONS - ASHLAND AVENUE

SCALE: SHEET 2 OF 17 SHEETS STA. 89+13.00 TO STA. 89+74.00

FAU. RTE. 2857

SECTION 146B-BR

COUNTY COOK

TOTAL SHEET NO. 94

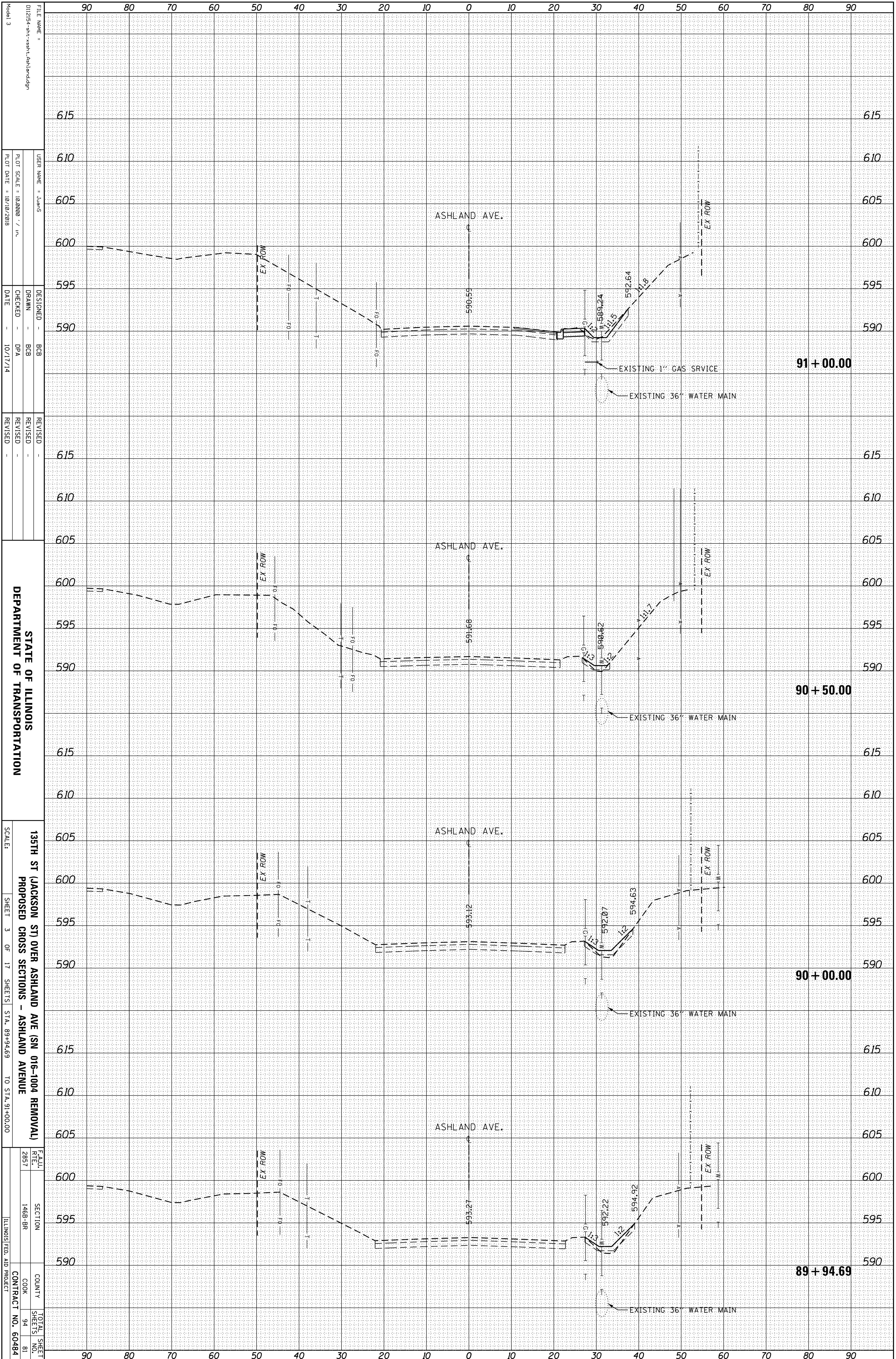
SHEET NO. 80

CONTRACT NO. 60484

ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PROPOSED CROSS SECTIONS - ASHLAND AVENUE

SCALE: SHEET 3 OF 17 SHEETS STA. 89+94.69 TO STA. 91+00.00
F.A.U. RTE. 2857 SECTION 1488-BR COUNTY COOK CONTRACT NO. 60484 TOTAL SHEET NO. 81

FILE NAME: 012154-ash-135th-Ashland.dgn
USER NAME: JuanS
DESIGNED: BCB
DRAWN: BCB
CHECKED: DPA
DATE: 10/17/14
REVISIONS:

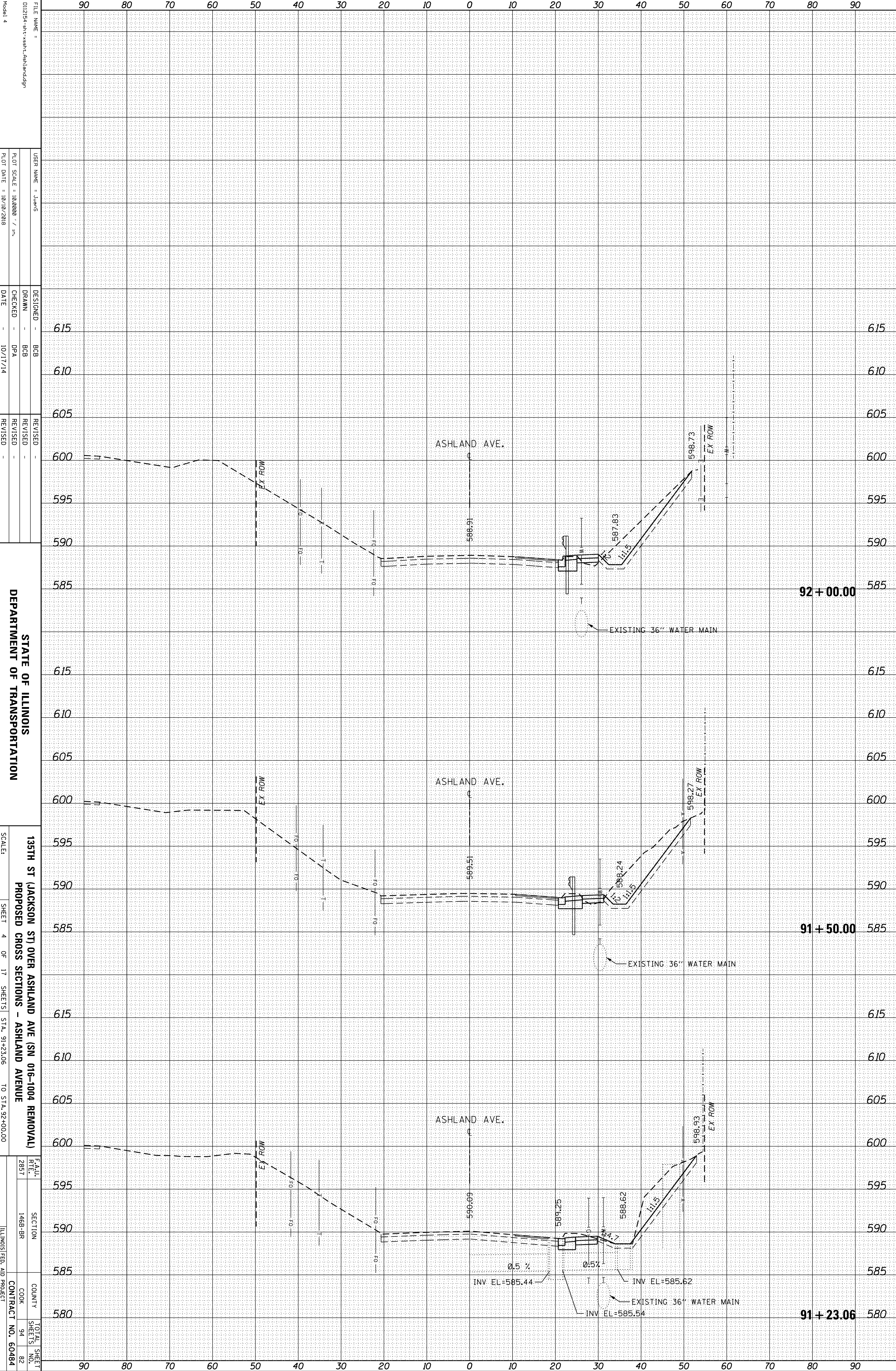
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CHECKED: DPA
DATE: 10/17/14
REVISIONS:

DESIGNED: BCB
DRAWN: BCB
CHECKED: DPA
DATE: 10/17/14
REVISIONS:

DESIGNED: BCB
DRAWN: BCB
CHECKED: DPA
DATE: 10/17/14
REVISIONS:

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



FILE NAME = 012154-sh-v-x-sh-l-ashland.dgn
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 DESIGNER = BCB
 DRAWN = BCB
 CHECKED = DPA
 DATE = 10/17/14

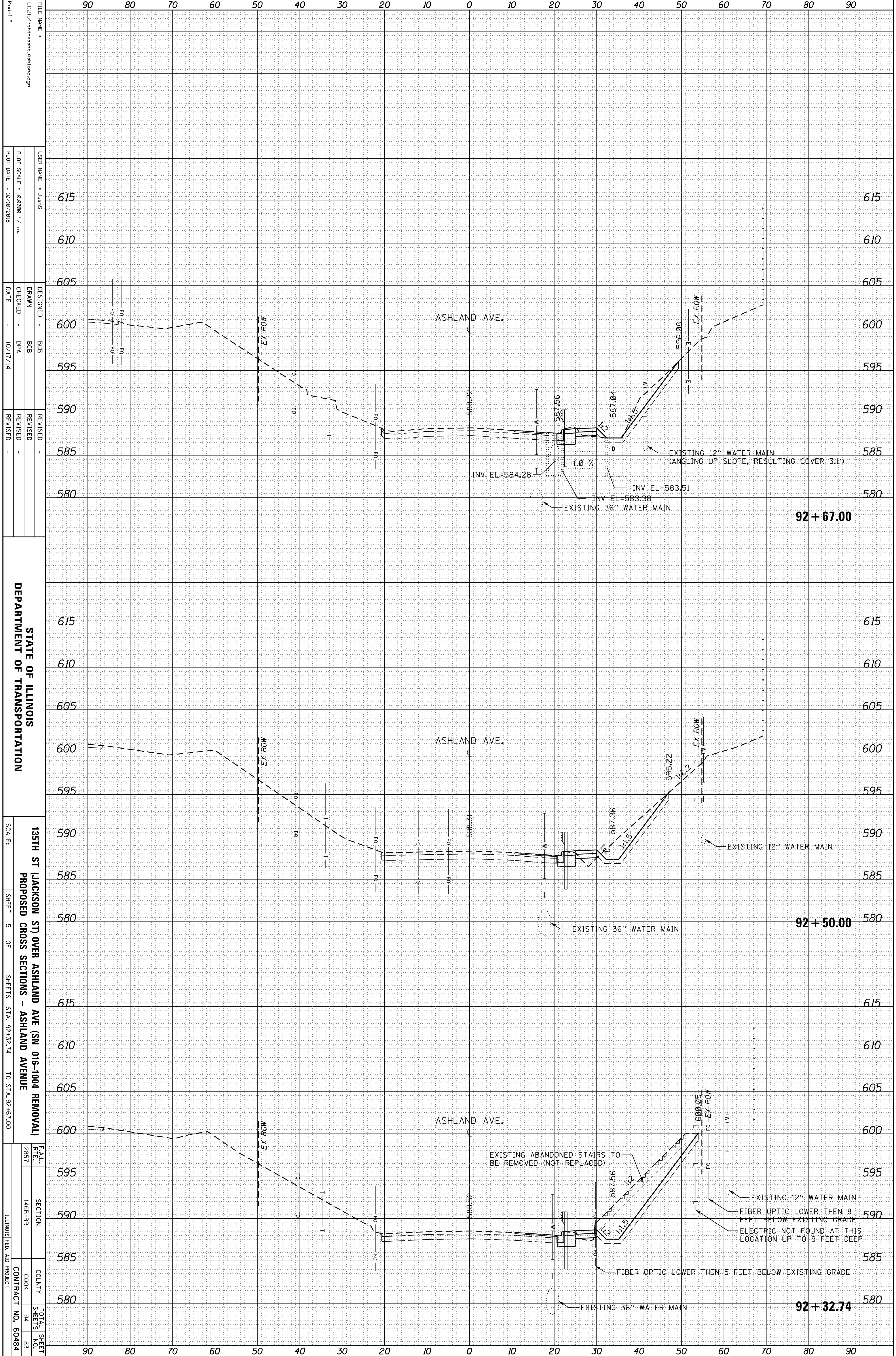
REVISIONS
 REVISION NO. DESCRIPTION DATE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 4 OF 17 SHEETS STA. 91+23.06 TO STA. 92+00.00

FEALU RTE. 2857
 SECTION 148B-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEET NO. 94
 SHEET NO. 82

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME = 012154-sh-v-x-sh-l-Ashland.dgn
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 DRAWN = BCB
 CHECKED = DPA
 DATE = 10/17/14
 REVISIONS

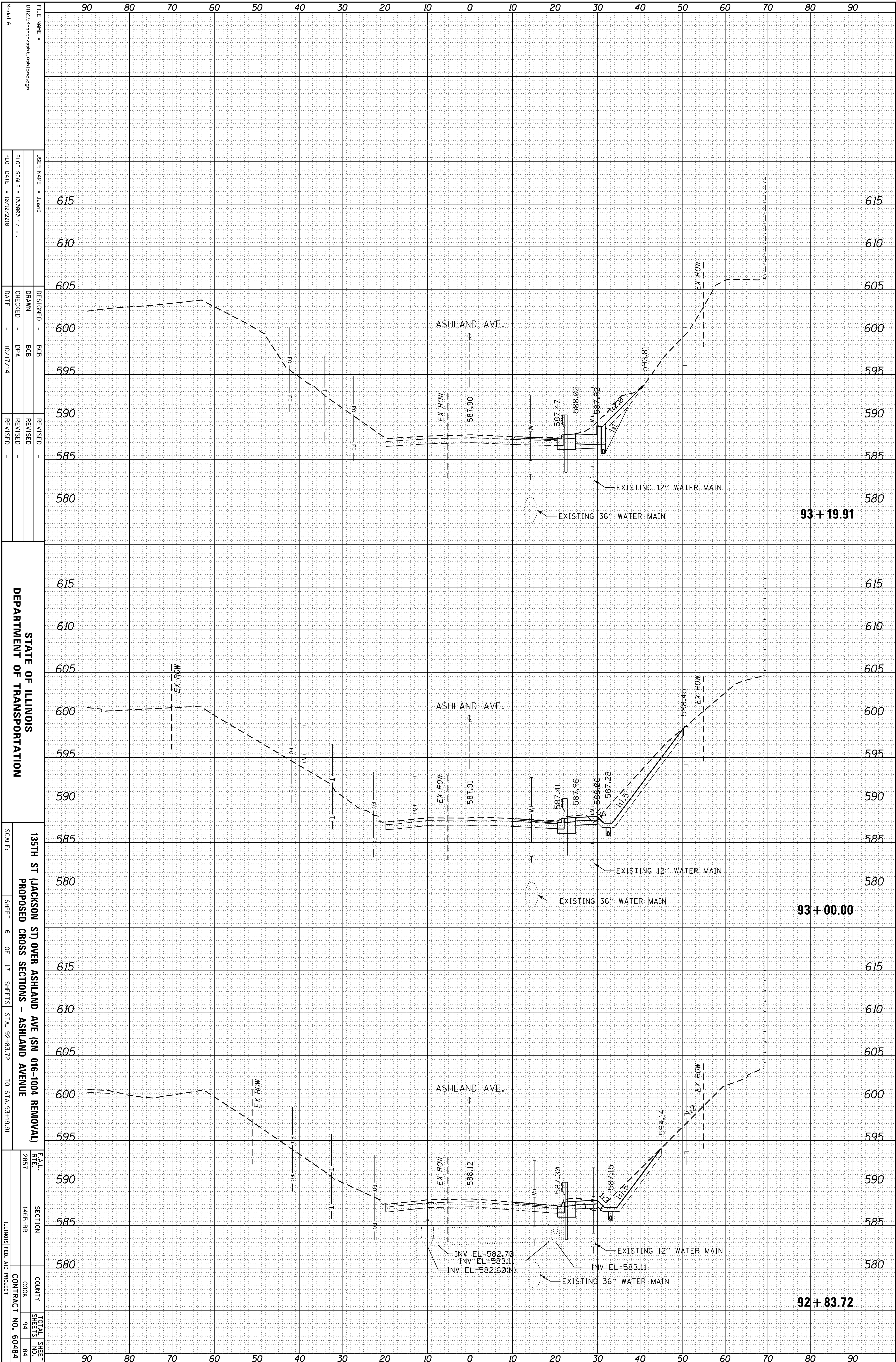
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 5 OF SHEETS STA. 92+32.74 TO STA. 92+67.00

F.A.U. RTE. 2857
 SECTION 148B-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEET NO. 94
 SHEET NO. 83
 ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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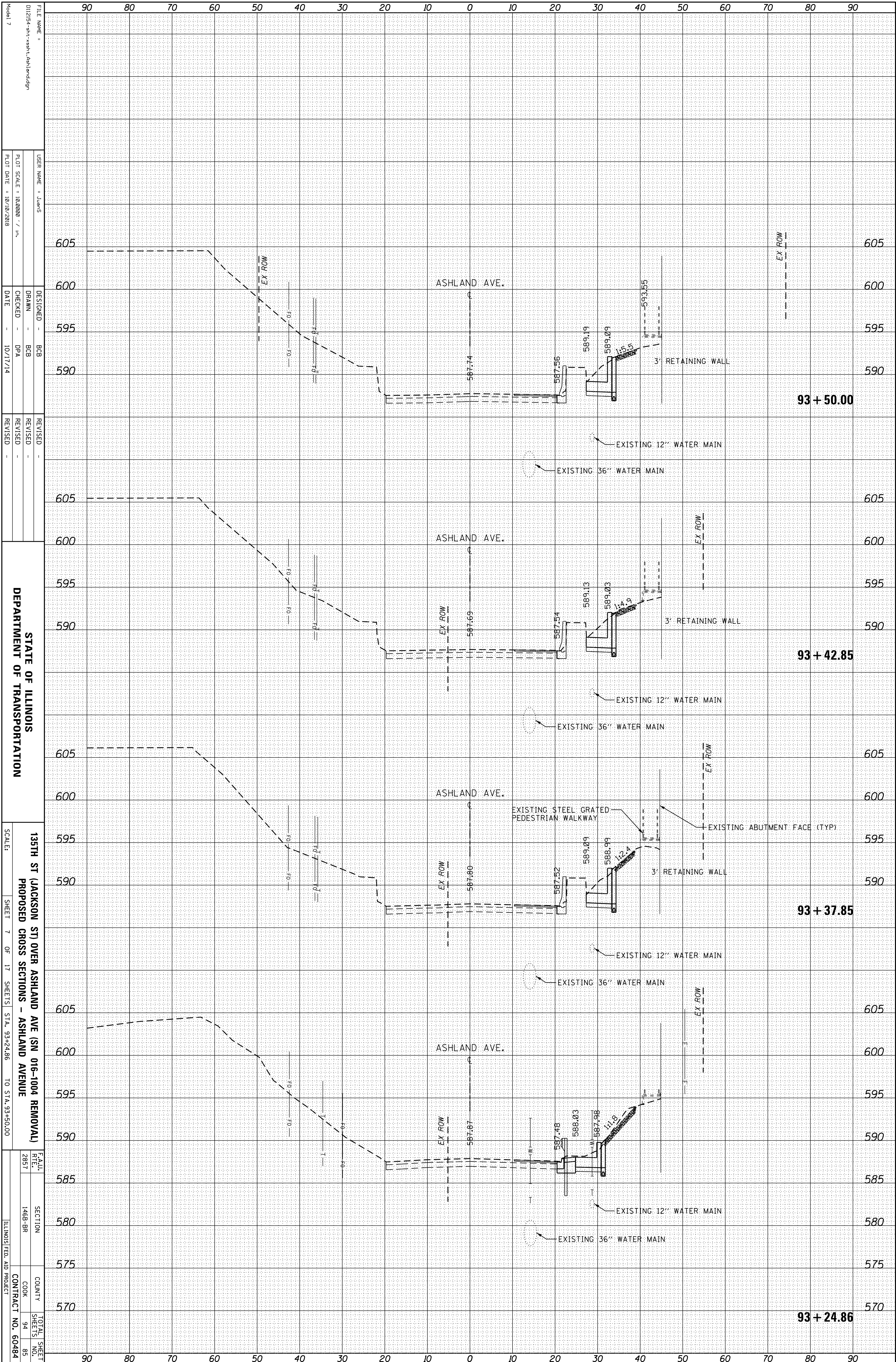
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 6 OF 17 SHEETS STA. 92+83.72 TO STA. 93+19.91

FEA.U. RTE. 2857
 SECTION 1488-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEET NO. 94
 SHEETS 84

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME = 012154-sh-x-sh-l-ashland.dgn
 USER NAME = JUAN'S
 DESIGNER = BCB
 DRAWN = BCB
 CHECKED = DPA
 DATE = 10/17/14

DESIGNED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

REVISIONS
 REVISION NO. DATE DESCRIPTION

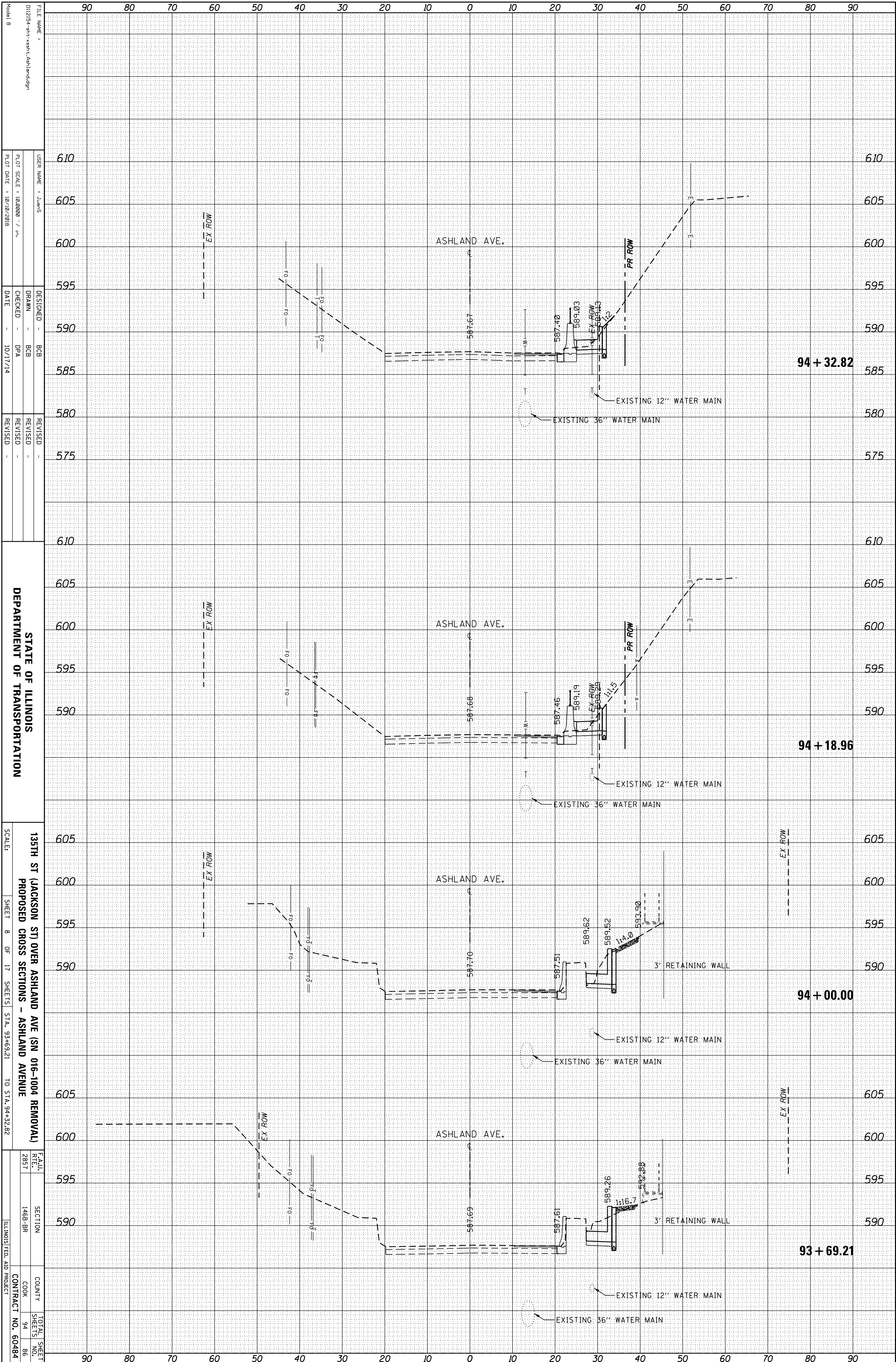
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 7 OF 17 SHEETS STA. 93+24.86 TO STA. 93+50.00

FEAU RTE. 2857
 SECTION 146B-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEETS 94
 SHEET NO. 85

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



FILE NAME =	012154-sh-v-xash-l-ashland.dgn
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DRAWN -	BCB
CHECKED -	DPA
DATE -	10/17/14
REVISION -	
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REVISION -	

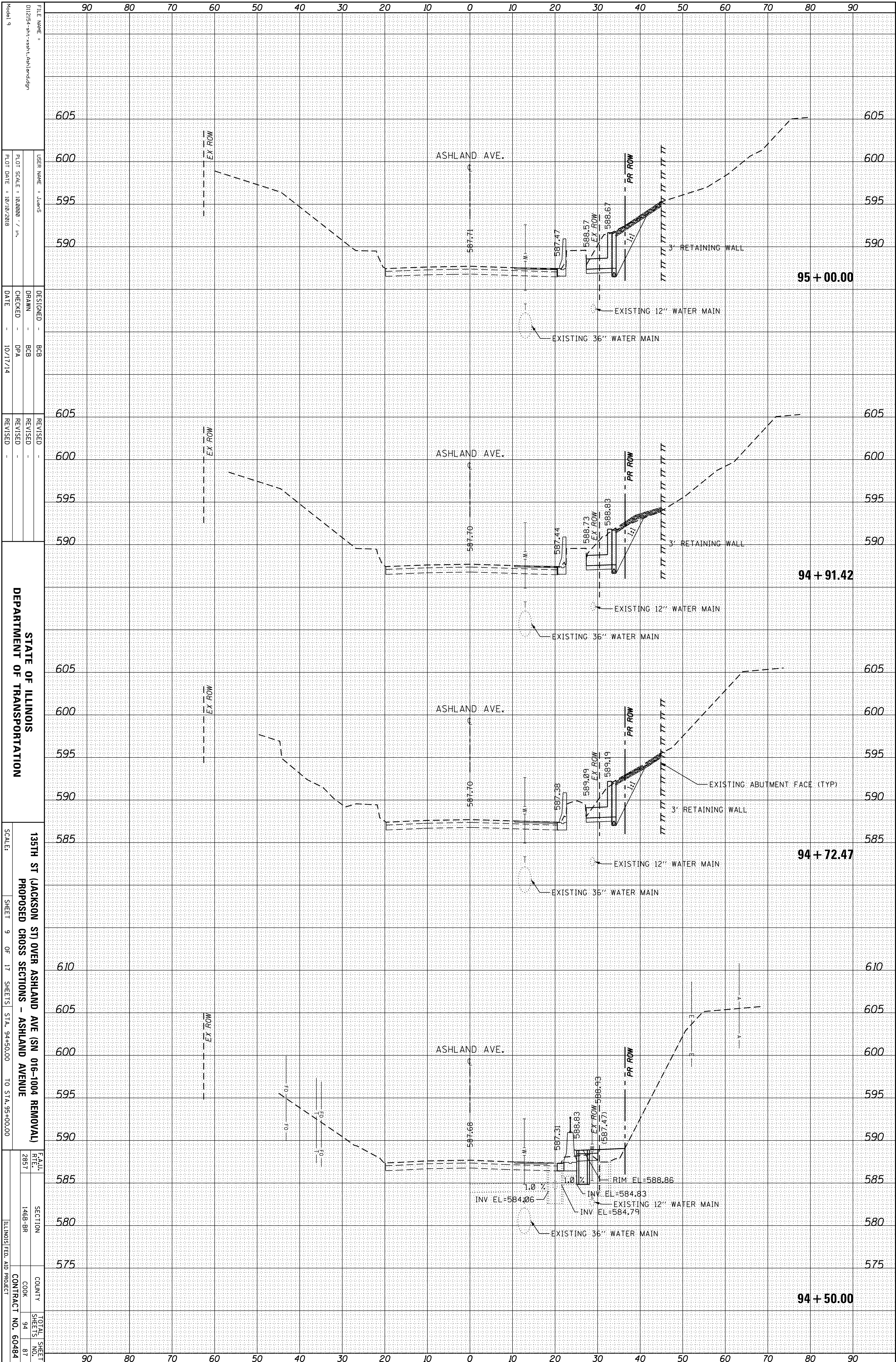
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PLLOT DATE =	10/10/2018

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PROPOSED CROSS SECTIONS - ASHLAND AVENUE
SHEET 8 OF 17 SHEETS STA. 93+69.21 TO STA. 94+32.82

FAU. RTE.	2857
SECTION	1488-BR
COUNTY	COOK
TOTAL SHEETS	94
SHEET NO.	86
CONTRACT NO.	60484
ILLINOIS FED. AID PROJECT	

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME =	012154-sh-x-sh-l-ahland.dgn
USER NAME =	JuanS
DESIGNED -	BCB
DRAWN -	BCB
CHECKED -	DPA
DATE -	10/17/14
REVISOR -	
REVISION -	
REVISOR -	
REVISION -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PROPOSED CROSS SECTIONS - ASHLAND AVENUE**

SCALE:	SHEET 9 OF 17 SHEETS	STA. 94+50.00 TO STA. 95+00.00
FEALU	SECTION	COUNTY
2857	1488-BR	COOK
TOTAL SHEET	SHEETS	CONTRACT NO.
87	94	60484
ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

Model 10
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 PLOT DATE = 10/10/2018

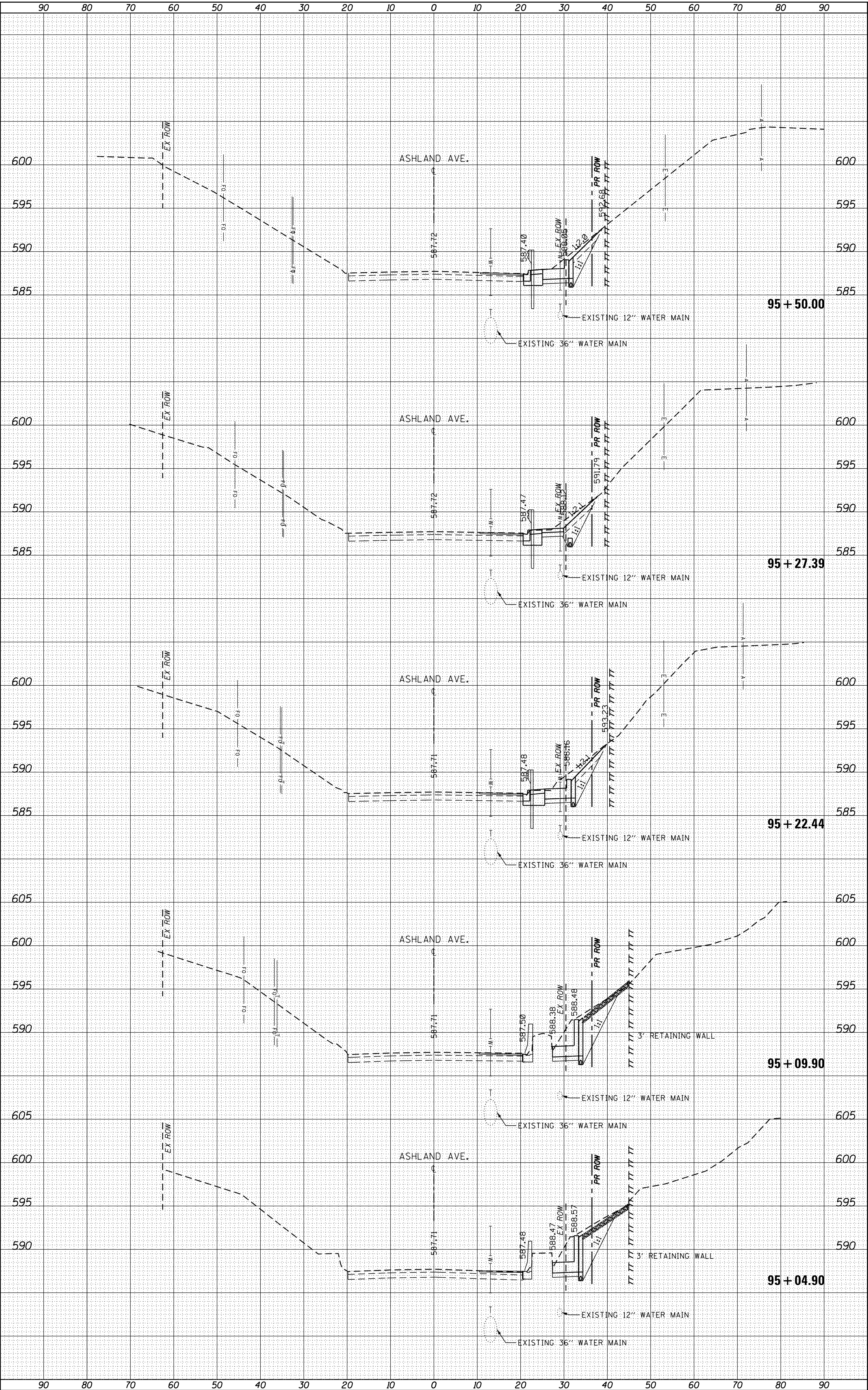
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 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 10 OF 17 SHEETS STA. 95+04.90 TO STA. 95+50.00

FEAU RTE. 2857
 SECTION 1488-BR
 COUNTY COOK
 TOTAL SHEETS 94
 SHEETS NO. 88
 CONTRACT NO. 60484
 ILLINOIS FED. AID PROJECT



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

Model 11
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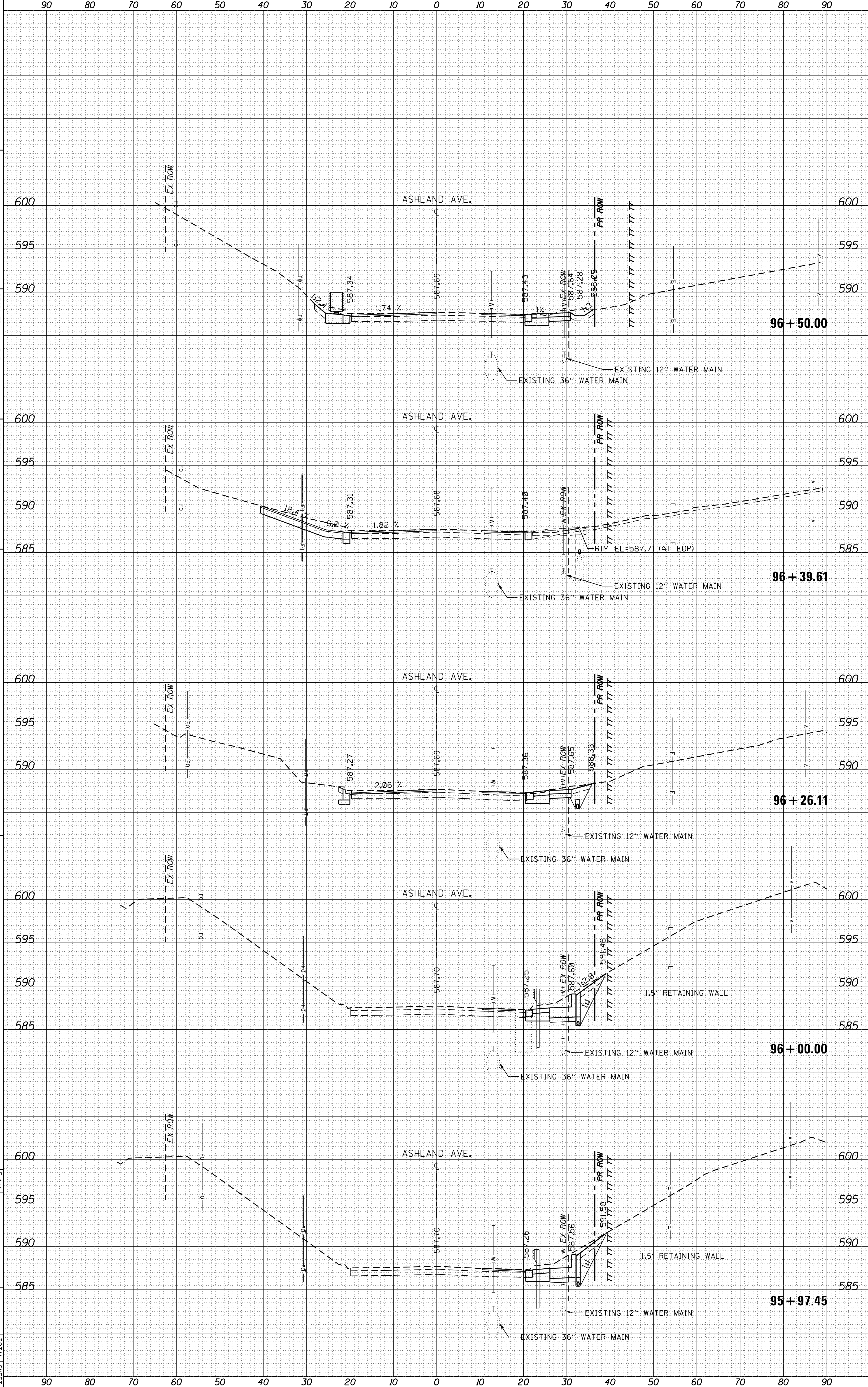
USER NAME = JUAN'S
 DESIGNED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

REVISIONS
 REVISION
 REVISION
 REVISION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

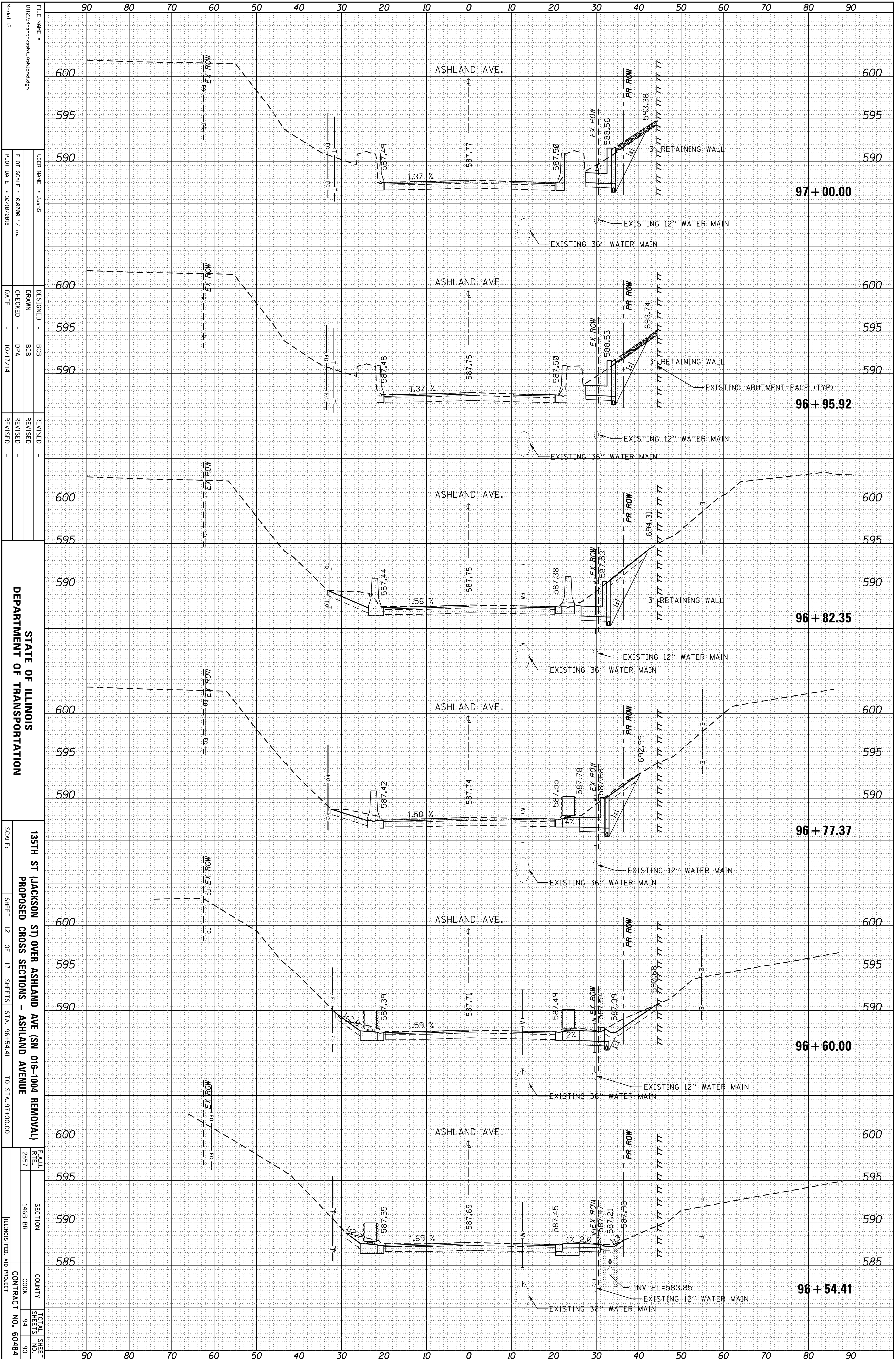
135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 11 OF 17 SHEETS STA. 95+97.45 TO STA. 96+50.00

FEALU
 RTE. 2857
 SECTION 148B-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEET NO. 94
 SHEETS 89



ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME = 012154-sh-xashl-ashland.dgn
 USER NAME = JUAN'S
 PLOT SCALE = 1:80000 / in.
 PLOT DATE = 10/10/2018

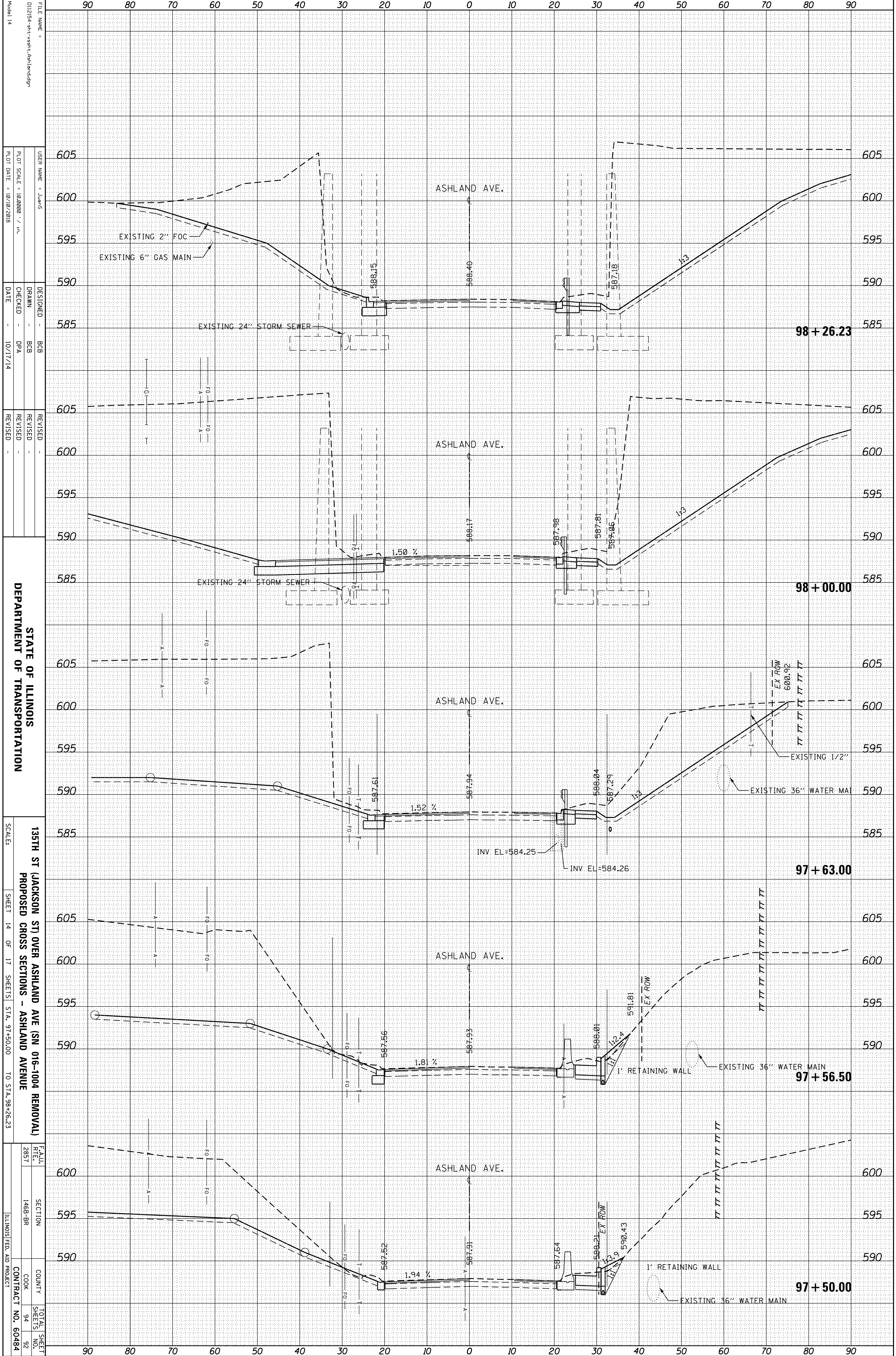
DESIGNED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14

REVISIONS
 REVISION
 REVISION
 REVISION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 12 OF 17 SHEETS STA. 96+54.41 TO STA. 97+00.00
 E.A.U. RTE. 2857
 SECTION 1488-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEET NO. 94
 SHEETS 90

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME: 012154-sh-x-sh-l-Ashland.dgn
 USER NAME: JUAN'S
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 10/10/2018

DESIGNED: BCB
 DRAWN: BCB
 CHECKED: DPA
 DATE: 10/17/14

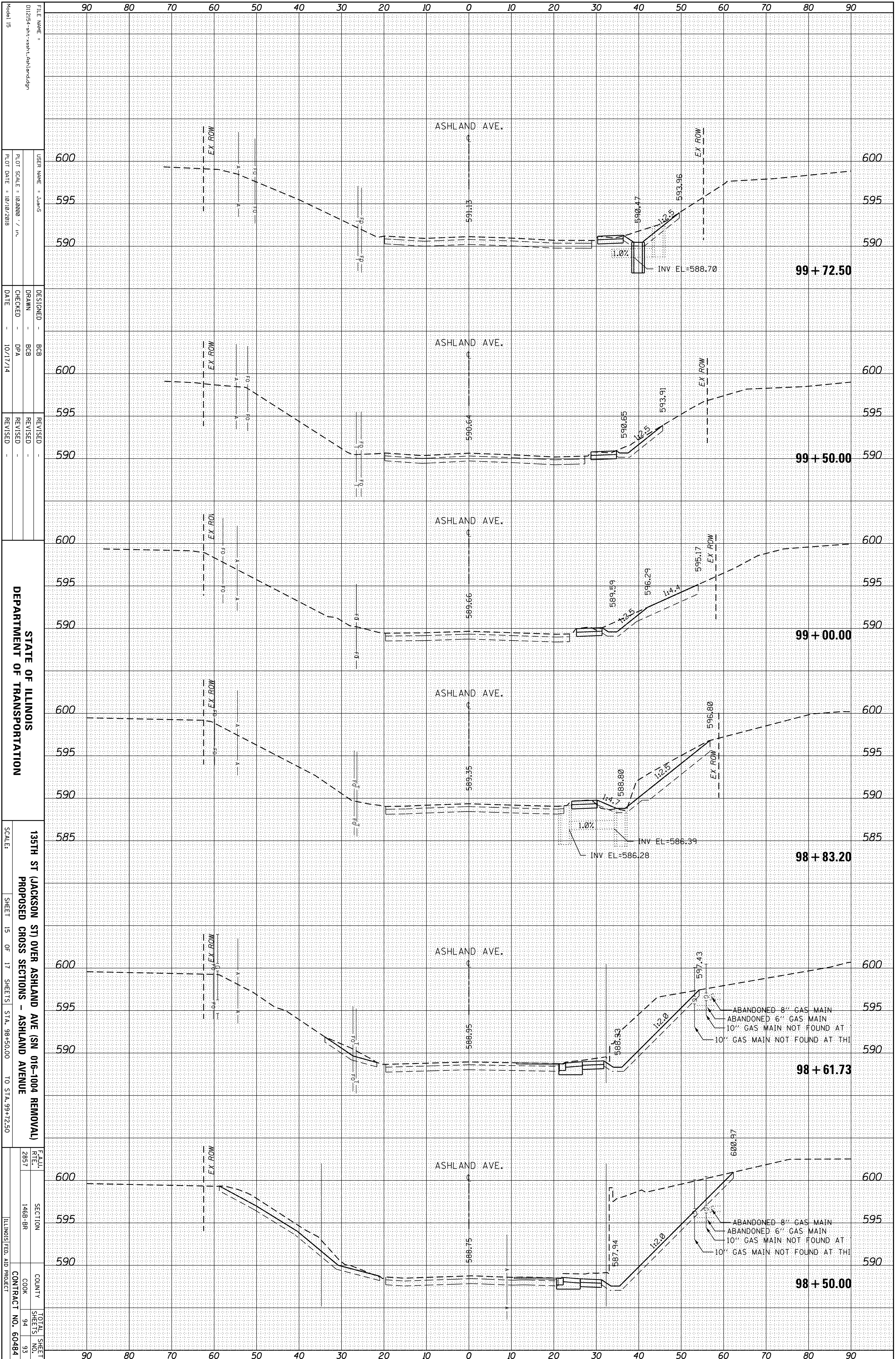
REVISIONS:
 REVISION NO. 1: [Description]
 REVISION NO. 2: [Description]

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 14 OF 17 SHEETS STA. 97+50.00 TO STA. 98+26.23

FEA.U. REF. 2857	SECTION 1488-BR	COUNTY COOK	TOTAL SHEETS 94
			SHEET NO. 92
			CONTRACT NO. 60484
			ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
PROPOSED CROSS SECTIONS - ASHLAND AVENUE

SCALE: SHEET 15 OF 17 SHEETS STA. 98+50.00 TO STA. 99+72.50

FEALU. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2857	1488-BR	COOK	94
			93
		CONTRACT NO.	60484
		ILLINOIS FED. AID PROJECT	

FILE NAME: 012154-sh-x-sh-l-ashland.dgn
USER NAME: JUAN'S
PLOT SCALE: 1/8"=1'-0"
PLOT DATE: 10/10/2018

DESIGNED: BCB
DRAWN: BCB
CHECKED: DPA
DATE: 10/17/14

REVISIONS:
REVISION NO. 1: [Description]

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

FILE NAME = 012154-sh-v-xash-r-ashland.dgn
 USER NAME = JUAN'S
 DESIGNATED - BCB
 DRAWN - BCB
 CHECKED - DPA
 DATE - 10/17/14
 REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH ST (JACKSON ST) OVER ASHLAND AVE (SN 016-1004 REMOVAL)
 PROPOSED CROSS SECTIONS - ASHLAND AVENUE
 SCALE: SHEET 16 OF 17 SHEETS STA. 99+87.50 TO STA. 101+00.00

FEALU RTE. 2857
 SECTION 146B-BR
 COUNTY COOK
 CONTRACT NO. 60484
 TOTAL SHEETS 94

