06-15-2018 LETTING ITEM 003

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	1
	(& INDIS)	CONTRACT NO. 60W53		

* 58 + 1 = 59 TOTAL SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAU ROUTE 2691: WOLF ROAD AT WELLER'S DITCH
SECTION 3434.1–BR(13)
BRIDGE DECK OVERLAY
PROJECT NUMBER: STP-HHTX(784)
COOK COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

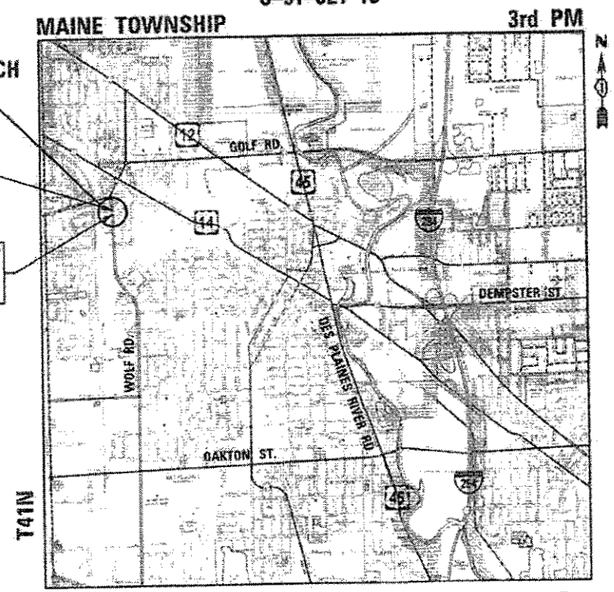
IMPROVEMENT IS LOCATED IN THE CITY OF DES PLAINES

IMPROVEMENT LOCATION
WOLF ROAD OVER WELLER'S DITCH
STRUCTURE NO: 016–2009

END PROJECT
STA. 734+24.07

BEGIN PROJECT
STA. 731+89.05

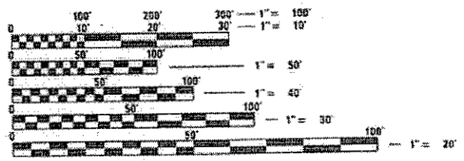
C–91–321–13



LOCATION MAP NOT TO SCALE
GROSS AND NET LENGTH = 241.02 FT = 0.046 MILE

D–91–321–13

DESIGN DESIGNATION: MINOR ARTERIAL (URBAN)
2014 ADT = 13,000
POSTED SPEED = 35 MPH



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

PROJECT ENGINEER: MS. RAGHAD ADEIS-DAHHAN, PE, SE (847) 705-4237
PROJECT MANAGER: MR. FAWAD AQUEEL, PE, PTOE (847) 705-4247

CONTRACT NO. 60W53

LICENSED PROFESSIONAL ENGINEER — THOMAS G. WILSON — 062-043676 — STATE OF ILLINOIS
DATE SIGNED: 3/8/2018
EXP. DATE: 11/30/2019

DATE SIGNED: 03/08/2018
EXP. DATE: 11/30/2018

Accurate GROUP, INC.
WWW.ACCGI.COM
101 SCHELTER RD., SUITE 8-200
LINCOLNSHIRE, ILLINOIS 60069
T (847) 613-1100 F (847) 613-116
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.0028

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 22 2018
REGIONAL ENGINEER
May 11 2018
ENGINEER OF DESIGN AND ENVIRONMENT
May 11 2018
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL END SECTION FOR PIPE CULVERTS
602501-03	VALVE VAULT TYPE A
604001-04	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS:

NONE

GENERAL NOTES:

1. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).

2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 AND THE CITY OF DES PLAINES FOR FIELD LOCATIONS OF BURIED UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

3. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE MADE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF DES PLAINES.

5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RECORD AND RETAIN FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKER LOCATIONS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

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

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

10. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINES SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

11. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS- RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" INCLUDED IN THE PLANS.

12. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKING ON ALL FINAL SURFACES.

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

14. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER ANDMEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

15. THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES; IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THE CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE.

16. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

17. ALL EARTH WORK ASSOCIATED WITH THE SIDEWALKS IS INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH.

18. THE RESIDENT ENGINEER SHALL CONTACT MR. CORY JUCIUS, AREA TRAFFIC FIELD ENGINEER, AT (847) 705-4141 (EMAIL: CORY.JUCIUS@ILLINOIS.GOV) A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

19. DE-ENERGIZING COM ED'S DISTRIBUTION LINES (12 KV) MAY BE NECESSARY IN ORDER TO ACCOMMODATE THE CONTRACTOR'S EQUIPMENT. COSTS MAY BE INVOLVED. CALL 1-800-EDISON1.

20. ALL WATER MAIN WORK IS TO BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

21. COORDINATE ALL WATER MAIN WORK WITH THE CITY OF DES PLAINES. THE DES PLAINES PUBLIC WORK DEPARTMENT, (847) 391-6121, MUST BE NOTIFIED 48 WORKING HOURS PRIOR TO REQUIRING WATER MAIN SHUTDOWNS OR RETURNING WATER MAINS TO SERVICE.

22. THE REMOVAL OF EXISTING DRAINAGE ITEMS LOCATED FURTHER THAN 2 FEET OUTSIDE THE EDGE OF PAVEMENT SHALL BE BACKFILLED WITH NATIVE MATERIALS AND THE COST OF THE BACKFILLING WITH NATIVE MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE DRAINAGE ITEM TO BE REMOVED. BACKFILL UNDER AND WITHIN 2 FEET OF THE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 208 OF THE STANDARD SPECIFICATIONS.

23. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND/OR CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STORM SEWER. ALL NECESSARY ADDITIONAL PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE STORM SEWER OF THE SIZE REQUIRED.

24. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH.

FILE NAME = D:\Engineering\LiveProjects\3003 IDOT DUR\3003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\0160W53-Sht-Generate Index.dgn

Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - AB	REVISED -
	DRAWN - CEC	REVISED -
PLOT SCALE = 100.0001 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 4/12/2018	DATE - 4/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	2
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE				100% CITY OF DES PLAINES	
				ROADWAY 0005 URBAN	BRIDGE 0047 016-2009	ROADWAY 0021 URBAN	RETAINING WALL 0044 URBAN	ROADWAY 0005 URBAN	UTILITY 0043 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	17	17					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	90	90					
20101000	TEMPORARY FENCE	FOOT	69	69					
20101200	TREE ROOT PRUNING	EACH	1	1					
20300100	CHANNEL EXCAVATION	CU YD	324					324	
20800150	TRENCH BACKFILL	CU YD	12	12					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	50	50					
25000110	SEEDING, CLASS 1A	ACRE	0.25	0.19				0.06	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	7	5				2	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	7	5				2	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	7	5				2	
25100630	EROSION CONTROL BLANKET	SQ YD	359	267				92	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	15	11				4	
28000400	PERIMETER EROSION BARRIER	FOOT	180	180					

* SPECIALTY ITEM

FILE NAME = D:\Engineering\Live Projects\13823 IDOT DUR\13823a - WO 1 Contract No. 60W53\CADD\C400 Sheets\Civil\IDOT60W53-Sht-500.dgn

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PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	3
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE				100% CITY OF DES PLAINES	
				ROADWAY 0005 URBAN	BRIDGE 0047 016-2009	ROADWAY 0021 URBAN	RETAINING WALL 0044 URBAN	ROADWAY 0005 URBAN	UTILITY 0043 URBAN
28000500	INLET AND PIPE PROTECTION	EACH	1	1					
28000510	INLET FILTERS	EACH	10	10					
28100105	STONE RIPRAP, CLASS A3	SQ YD	259					259	
28100205	STONE RIPRAP, CLASS A3	TON	14					14	
28200200	FILTER FABRIC	SQ YD	259					259	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	131	124				7	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	141	141					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	56	56					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	931			931			
42400800	DETECTABLE WARNINGS	SQ FT	22			22			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	283	283					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	25	25					
44000600	SIDEWALK REMOVAL	SQ FT	623	623					
50102400	CONCRETE REMOVAL	CU YD	1		1				

* SPECIALTY ITEM

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Sht-SDD.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	4
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE				100% CITY OF DES PLAINES	
				ROADWAY 0005 URBAN	BRIDGE 0047 016-2009	ROADWAY 0021 URBAN	RETAINING WALL 0044 URBAN	ROADWAY 0005 URBAN	UTILITY 0043 URBAN
50300225	CONCRETE STRUCTURES	CU YD	27.1		0.3		26.8		
50300260	BRIDGE DECK GROOVING	SQ YD	196		196				
50300300	PROTECTIVE COAT	SQ YD	398	109	262		27		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5540		2880		2660		
50800515	BAR SPLICERS	EACH	35		35				
50901760	PIPE HANDRAIL	FOOT	84				84		
542C0215	PIPE CULVERTS, CLASS C, TYPE 1 10"	FOOT	44	44					
542C0259	PIPE CULVERTS, CLASS C, TYPE 1 54"	FOOT	14					14	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1					1	
55101200	STORM SEWER REMOVAL 24"	FOOT	14					14	
55102000	STORM SEWER REMOVAL 54"	FOOT	104					104	
56104900	WATER VALVES 6"	EACH	1						1
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1						1
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1					

* SPECIALTY ITEM

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED 20% STATE — ROADWAY 0005 URBAN	BRIDGE 0047 016-2009	ROADWAY 0021 URBAN	RETAINING WALL 0044 URBAN	100% CITY OF DES PLAINES — ROADWAY 0005 URBAN	UTILITY 0043 URBAN
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1					
	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	25	25					
	66400105	CHAIN LINK FENCE, 4'	FOOT	70	70					
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	260			260			
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1			1			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3			3			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4					
	67100100	MOBILIZATION	L SUM	1	1					
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	60	60					
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	894	894					
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	298	298					
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	13188	13188					
	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	1425	1425					
	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	80	80					

* SPECIALTY ITEM

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					80% FED 20% STATE				100% CITY OF DES PLAINES	
					ROADWAY 0005 URBAN	BRIDGE 0047 016-2009	ROADWAY 0021 URBAN	RETAINING WALL 0044 URBAN	ROADWAY 0005 URBAN	UTILITY 0043 URBAN
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	270	270					
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3925	3925					
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	276	276					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	101	101					
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	27	27					
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	108	108					
*	78100300	REPLACEMENT REFLECTOR	EACH	122	122					
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	119	119					
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1726	1726					
	X2020502	BRACED EXCAVATION	CU YD	116.1				116.1		
	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	6						6
	X4421790	CLASS D PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	7					7	
	X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	204		204				
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	175						175

* SPECIALTY ITEM

FILE NAME = D:\Engineering\Live Projects\13003 IDOT DUPR\13003e - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Sht-500.dgn

Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - AB	REVISED -
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PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	7
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE				100% CITY OF DES PLAINES	
				ROADWAY 0005 URBAN	BRIDGE 0047 016-2009	ROADWAY 0021 URBAN	RETAINING WALL 0044 URBAN	ROADWAY 0005 URBAN	UTILITY 0043 URBAN
X5610706	WATER MAIN REMOVAL, 6"	FOOT	32						32
X5611106	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 6"	FOOT	37						37
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	58.9				58.9		
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	66	66					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	126	126					
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	2991	2991					
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	122	122					
Z0003700	BEARING PAD ADJUSTMENT	EACH	44		44				
Z0007122	REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	43		43				
Z0007126	HANDRAIL REMOVAL	FOOT	20			20			
Z0012455	CONCRETE STEP REMOVAL	EACH	22			22			
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	103		103				
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	38		38				

* SPECIALTY ITEM

Accurate GROUP, INC.

USER NAME = cheyden	DESIGNED - AB	REVISED -
	DRAWN - JN	REVISED -
PLOT SCALE = 0.2000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	8
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED 20% STATE ROADWAY 0005 URBAN	80% FED 20% STATE BRIDGE 0047 016-2009	80% FED 20% STATE ROADWAY 0021 URBAN	80% FED 20% STATE RETAINING WALL 0044 URBAN	100% CITY OF DES PLAINES ROADWAY 0005 URBAN	100% CITY OF DES PLAINES UTILITY 0043 URBAN
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0015500	DEBRIS REMOVAL	L SUM	1		1				
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	34		34				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	90	90					
Z0032700	KEYWAY REPAIR	FOOT	269		269				
Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	2	2					
X1200205	METAL END SECTIONS 54"	EACH	2					2	
X1200206	HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE	SQ YD	204		204				
X0100017	DUCTILE IRON SLEEVE, 6"	EACH	1						1

9

* SPECIALTY ITEM

FILE NAME = G:\Engineering\LivePro_posts\13003 IDOT DUPR\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\X0160W53-Sht-SQU.dgn

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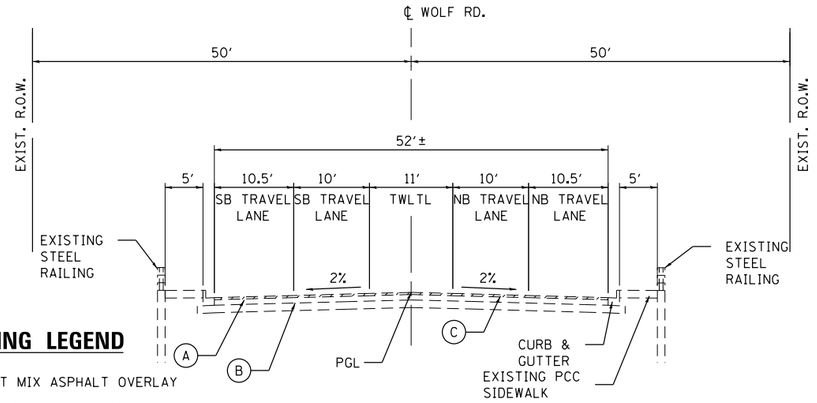
USER NAME = dheydon	DESIGNED - AB	REVISED -
	DRAWN - JN	REVISED -
PLOT SCALE = 0.2000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	9
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



EXISTING LEGEND

(A) EXISTING HOT MIX ASPHALT OVERLAY

(B) EXISTING CONCRETE APPROACH SLAB

(C) HOT MIX ASPHALT SURFACE REMOVAL, 2″

EXISTING TYPICAL SECTION

(LOOKING NORTH)

STA. 732+60.75 TO STA. 732+82.93 (ALONG PGL)

STA. 733+16.87 TO STA. 733+38.75 (ALONG PGL)

BRIDGE OMISSION

STA. 732+82.93 TO STA. 733+16.87 (ALONG PGL)

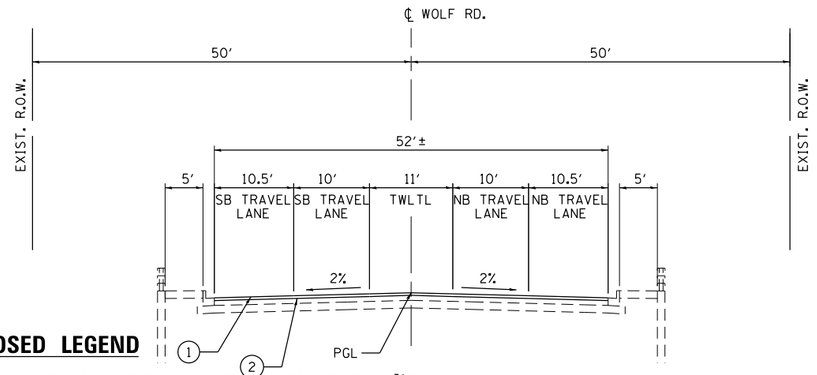
NOTE:
SIDEWALK AND CONCRETE STEP REMOVAL NOT SHOWN
RT. STA. 731+83.06 TO RT. STA. 732+21.42
RT. STA. 732+49.69 TO RT. STA. 732+76.50
RT. STA. 733+68.47 TO RT. STA. 734+24.06

HMA MIXTURE REQUIREMENTS CHART

OPERATION	MIXTURE TYPE	AIR VOIDS (%) @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
CLASS D PATCHES, 12″ (SPECIAL)	HMA SURFACE COURSE, MIX ″D″, N70 (IL 9.5mm), 2″	4% @ 70 GYR.	QC/QA
	HMA BINDER COURSE, IL-19.0, N70, 10″	4% @ 70 GYR.	QC/QA
HMA OVERLAY	HMA SURFACE COURSE, MIX ″D″, N70 (IL 9.5mm)	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA)			

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
2. THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE ″SBS/SBR PG 76 -22″ AND FOR NON-POLYMERIZED HMA THE ″AC TYPE″ SHALL BE ″PG 64 -22″ UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



PROPOSED LEGEND

(1) HOT MIX ASPHALT SURFACE COURSE, MIX ″D″, N70, VARIES 2″ - 2¾″ ON NORTH END OF THE BRIDGE

(1) HOT MIX ASPHALT SURFACE COURSE, MIX ″D″, N70, VARIES 2″ - 4″ ON SOUTH END OF THE BRIDGE

(2) BITUMINOUS MATERIALS (TACK COAT)

PROPOSED TYPICAL SECTION

(LOOKING NORTH)

STA. 732+60.75 TO STA. 732+82.93 (ALONG PGL)

STA. 733+16.87 TO STA. 733+38.75 (ALONG PGL)

BRIDGE OMISSION

STA. 732+82.93 TO STA. 733+16.87 (ALONG PGL)

NOTE:
PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH NOT SHOWN
RT. STA. 731+83.06 TO RT. STA. 732+21.42
RT. STA. 733+49.69 TO RT. STA. 732+76.50
RT. STA. 733+68.47 TO RT. STA. 734+24.06

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USER NAME = dheyden	DESIGNED - TGM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	10
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

HOT-MIX ASPHALT PAVEMENT SCHEDULE			
LOCATION STATION TO STATION	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HOT MIX ASPHALT SURFACE COURSE, MIX "D" N70 (TON)	HOT MIX ASPHALT SURFACE REMOVAL, 2" (SQ YD)
732+60.75 TO 732+82.93	33	18.6	132.7
733+16.87 TO 733+38.75	66	18.5	132.0
COLUMBIA AVENUE SE CORNER	4.	9.4	9.3
COLUMBIA AVENUE NE CORNER	4.8	9.6	9.5
TOTAL	141	56	283

CURB AND GUTTER SCHEDULE		
LOCATION STATION TO STATION	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (ABUTTING EXISTING PAVEMENT) (FOOT)
732+19.92 TO 732+23.13	12	12
732+47.53 TO 732+50.60	13	13
TOTAL	25	25

LANDSCAPING SCHEDULE			
LOCATION STATION TO STATION	OFFSET (LT / RT)	SEEDING CLASS 1A (ACRE)	EROSION CONTROL BLANKET (SQ YD)
731+80.6 TO 732+04.4	RT	0.002	8
731+80.6 TO 732+20.8	RT	0.013	62
732+09.0 TO 732+22.0	RT	0.006	29
732+45.6 TO 732+59.9	RT	0.004	20
732+54.6 TO 732+77	RT	0.006	30
733+05.6 TO 734+29	RT	0.035	169
733+85.5 TO 734+29	RT	0.008	41
ROUNDED TOTAL		0.25	359

EROSION CONTROL SCHEDULE					
LOCATION STATION TO STATION	OFFSET (LT / RT)	PERIMETER EROSION BARRIER (FOOT)	INLET FILTERS (EACH)	TEMPORARY FENCE (FOOT)	INLET AND PIPE PROTECTION (EACH)
730+71 TO 733+97	RT		7		1
730+68 TO 733+96	LT		3		
731+88 TO 732+02.5	RT	15			
732+02.5 TO 732+01	RT	28			
732+60.3 TO 732+61.8	RT	30			
732+61.8 TO 732+92.3	RT	31			
732+89 TO 733+38	RT			35	
732+61 TO 732+92	LT			34	
733+68 TO 733+68	RT	15			
733+68 TO 734+29	RT	61			
TOTAL		180	10	69	1

PCC SIDEWALK SCHEDULE						
LOCATION	ROADWAY	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	SIDEWALK REMOVAL (SQ FT)	CONCRETE STEP REMOVAL (EACH)	DETECTABLE WARNINGS (SQ FT)	AGGREGATE BASE COURSE, TYPE B 6" (SQ YD)
EASTSIDE	WOLF ROAD	158	105	8		21
SOUTHSIDE	COLUMBIA AVE.	97	97	4	10	13
SE CORNER TOP OF STAIRS	WOLF ROAD/ COLUMBIA AVE.		27			
NE CORNER TOP OF STAIRS	WOLF ROAD/ COLUMBIA AVE.		73			
NE CORNER BOTTOM OF STAIRS	WOLF ROAD/ COLUMBIA AVE.		12			
NORTHSIDE	COLUMBIA AVE.	363		2	12	48
NE OF BRIDGE	WOLF ROAD	313	309	8		42
WATER MAIN						7
TOTAL		931	623	22	22	131

FENCE SCHEDULE			
LOCATION / STATION	OFFSET (LT / RT)	CHAIN LINK FENCE 4 FEET (FOOT)	CHAIN LINK FENCE REMOVAL (FOOT)
732+60 TO 732+93	LT	35	33
733+04 TO 733+37	RT	35	33
TOTAL		70	66

HANDRAIL REMOVAL SCHEDULE	
LOCATION / STATION	HANDRAIL REMOVAL (FOOT)
732+76	10
733+69	10
TOTAL	20

TOPSOIL EXCAVATION AND PLACEMENT SCHEDULE		
LOCATION STATION TO STATION	ROADWAY	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)
731+83 TO 732+20	WOLF ROAD	7.2
732+50 TO 732+70	WOLF ROAD	6.0
733+06 TO 733+70	WOLF ROAD	11.0
733+70 TO 734+25	WOLF ROAD	14.5
10+10 TO 10+50	COLUMBIA	10.9
TOTAL		50
NOTE: ASSUME EXISTING TOPSOIL IS 4" THICK		

CHANNEL EXCAVATION SCHEDULE	
LOCATION STATION TO STATION	CHANNEL EXCAVATION (CU YD)
50+20 TO 51+00	324

REMOVE AND RESETTING STREET SIGN		
LOCATION STATION TO STATION	TYPE/ ROADWAY	REMOVE AND RESETTING STREET SIGN (EACH)
733+86.2	RIGHT LANE/WOLF RD.	1
732+50.1	STOP SIGN/COLUMBIA AVE.	1
TOTAL		2

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	11
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING TAPE, TYPE IV				
LOCATION STATION TO STATION	TYPE	4" (FOOT)	12" (FOOT)	24" (FOOT)
STAGE I				
726+15 TO 729+30	YELLOW CL	315	---	---
726+15 TO 732+10	WHITE EDGE LN	595	---	---
730+13 TO 732+10	YELLOW CL	788	---	---
730+13 TO 732+10	YELLOW DIAG LN	---	128	---
COLUMBIA AVE. STOP BAR	WHITE STOP BAR	---	---	20
730+55 TO 734+29	WHITE EDGE LN	374	---	---
732+61 TO 734+38	YELLOW CL	354	---	---
735+68 TO 738+22	YELLOW CL	508	---	---
735+68 TO 738+22	YELLOW DIAG LN	---	228	---
STAGE II				
726+15 TO 728+15	WHITE SKIP LN	60	---	---
728+73 TO 732+11	YELLOW CL	1352	---	---
728+73 TO 732+11	YELLOW DIAG LN	---	253	---
730+55 TO 734+29	WHITE EDGE LN	374	---	---
732+60 TO 734+29	YELLOW CL	338	---	---
HARVEY AVE. STOP BAR	WHITE STOP BAR	---	---	20
734+29 TO 737+22	YELLOW CL	1172	---	---
734+29 TO 736+22	YELLOW DIAG LN	---	103	---
734+93 TO 738+15	WHITE EDGE LN	364	---	---
TOTAL		6594	712	40
REPLACEMENT FACTOR		2	2	2
ROUNDED TOTAL		13188	1425	80

SHORT TERM PAVEMENT MARKING SCHEDULE			
LOCATION STATION TO STATION	TYPE	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)
726+15 TO 734+66.5	PAINTED MEDIAN	92	31
726+15 TO 734+66.5	PAINTED MEDIAN	92	30
726+15 TO 734+66.5	SKIP DASH MEDIAN	92	31
726+15 TO 734+66.5	SKIP DASH MEDIAN	92	30
726+15 TO 737+79	SKIP DASH LANE	124	42
726+15 TO 735+23	SKIP DASH LANE	96	32
734+66.5 TO 735+19	PAINTED MEDIAN	48	16
735+82 TO 737+79	PAINTED MEDIAN	96	32
736+00 TO 738+23	TURN LANE	28	9
COLUMBIA AVE.	STOP BAR	42	14
HARVEY AVE.	STOP BAR	39	13
COLUMBIA AVE.	CROSS WALK	53	18
TOTAL		894	298

LOCATION STATION TO STATION	TYPE	POLYUREA PAVEMENT MARKING TYPE I 4" (FOOT)	THERMOPLASTIC PAVEMENT MARKING					REPLACEMENT REFLECTOR (EACH)
			4" (FOOT)	6" (FOOT)	12" (FOOT)	24" (FOOT)	LETTERS & SYMBOLS (SQ FT)	
726+15 TO 734+66.5	YELLOW SOLID CL	---	1636	---	---	---	---	
726+15.0 TO 734+66.5	30/10 YELLOW SKIP CL	---	580	---	---	---	---	---
726+15 TO 735+19	30/10 WHITE SKIP LN		310					---
726+15 TO 737+79	30/10 WHITE SKIP LN	---	400	---	---	---	---	---
732+22.1 TO 732+50.1	WHITE CROSS WALK	---	---	53	---	---	---	---
COLUMBIA AVE.	WHITE STOP BAR	---	---	---	---	14	---	---
732+72.7 TO 733+06.8	30/10 WHITE SKIP LN	10	---	---	---	---	---	---
732+79.6 TO 733+13.6	30/10 YELLOW SKIP CL	10	---	---	---	---	---	---
732+79.6 TO 733+13.6	YELLOW SOLID CL	34	---	---	---	---	---	---
732+86.3 TO 733+20.2	30/10 YELLOW SKIP CL	10	---	---	---	---	---	---
732+86.3 TO 733+20.2	YELLOW SOLID CL	34	---	---	---	---	---	---
732+93.2 TO 733+27.0	30/10 WHITE SKIP LN	10	---	---	---	---	---	---
HARVEY AVE.	WHITE STOP BAR	---	---	---	---	13	---	---
734+66.5 TO 735+19	DOUBLE YELLOW SOLID CL	---	212	---	---	---	---	---
734+66.5 TO 735+19	YELLOW DIAGONAL LN	---	---	---	65	---	---	---
736+00 TO 738+23	WHITE TURN LN	---	---	223	---	---	---	---
735+82 TO 737+79	DOUBLE YELLOW SOLID CL	---	788	---	---	---	---	---
735+82 TO 737+79	YELLOW DIAGONAL LN	---	---	---	36	---	---	---
726+85	ARROW	---	---	---	---	---	15.6	---
727+00	ARROW	---	---	---	---	---	15.6	---
729+70	ARROW	---	---	---	---	---	15.6	---
729+85	ARROW	---	---	---	---	---	15.6	---
732+05	ARROW	---	---	---	---	---	15.6	---
732+20	ARROW	---	---	---	---	---	15.6	---
734+05	ARROW	---	---	---	---	---	15.6	---
734+20	ARROW	---	---	---	---	---	15.6	---
736+25	ARROW & ONLY	---	---	---	---	---	72.8	---
737+96	ARROW & ONLY	---	---	---	---	---	72.8	---
726+15 TO 738+23	ONE WAY CRYSTAL	---	---	---	---	---	---	60
726+15 TO 734+66.5	TWO WAY AMBER	---	---	---	---	---	---	42
734+66.5 TO 735+19	ONE WAY AMBER	---	---	---	---	---	---	8
735+82 TO 737+79	TWO WAY AMBER	---	---	---	---	---	---	12
			---	---	---	---		
TOTAL		108	3925	276	101	27	270	122

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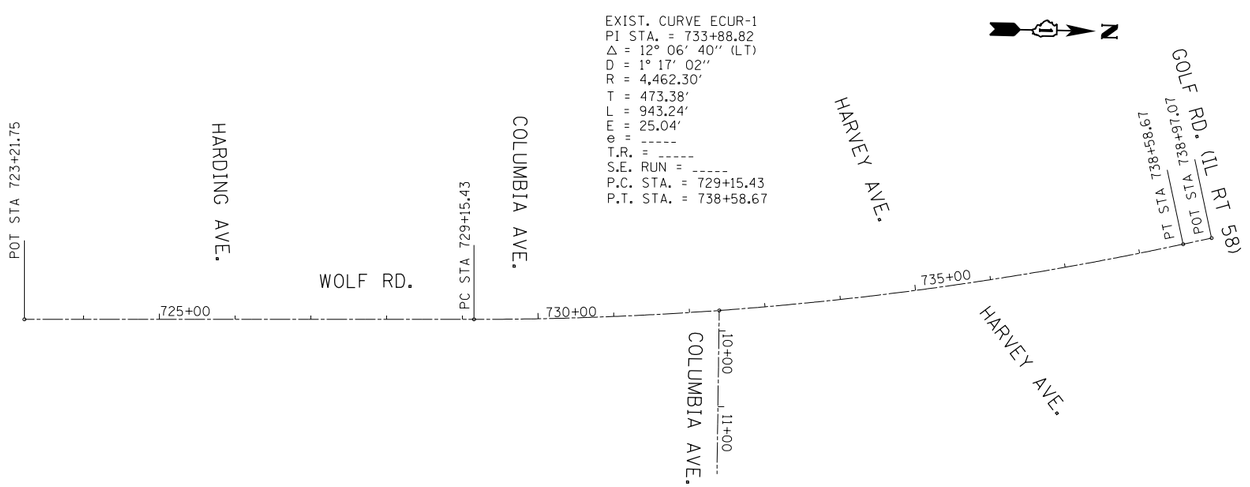
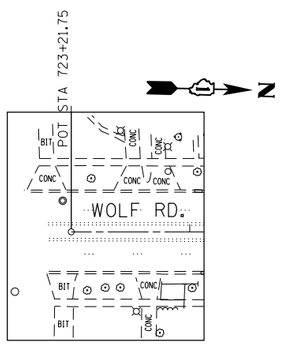
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
WOLF ROAD AT WELLER'S DITCH

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

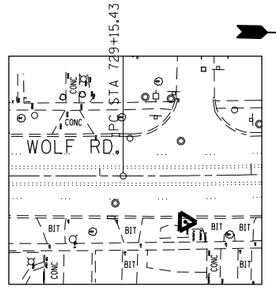
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	12
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			





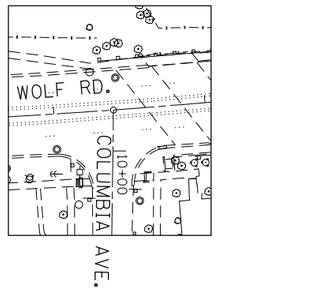
POT STA. 723 + 21.75

N=1959658.96
E=1098700.40



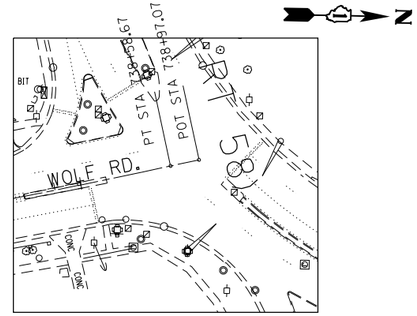
PC STA. 729 + 15.43

N=1960252.46
E=1098685.73



STA. 732 + 39.70 (WOLF RD.) =
STA. 9 + 73.00 (COLUMBIA AVE.)

N=1960575.82
E=1098665.97

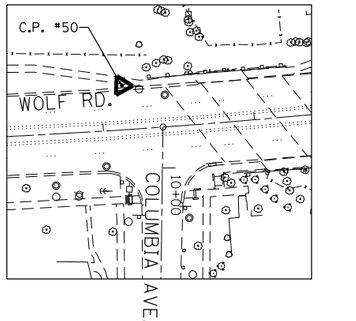


PT STA. 738 + 58.67

N=1961185.95
E=1098563.30

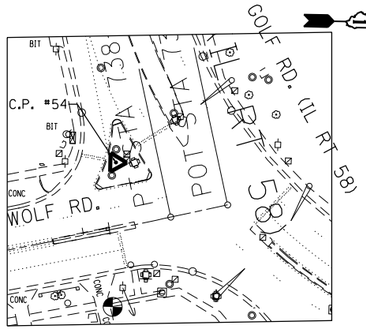
POT STA. 738 + 97.07

N=1961437.86
E=1099365.52



CONTROL POINT #50

IRON ROD
STA. 732+14.06
OFFSET=29.18′ LT.
N=1960547.95
E=1098639.30
ELEV. = 643.07



CONTROL POINT #54

CHISELED "X"
STA. 738+30.28
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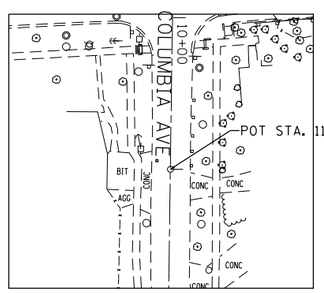
E=1098528.15
ELEV. = 650.66



POT STA. 11 + 00.00 (COLUMBIA AVE.)

N=1960577.25
E=1098792.94

BENCHMARK:
CHISELED "SQUARE" ON TOP STEP OF SOUTHEAST
WINGWALL - ELEV. 650.79

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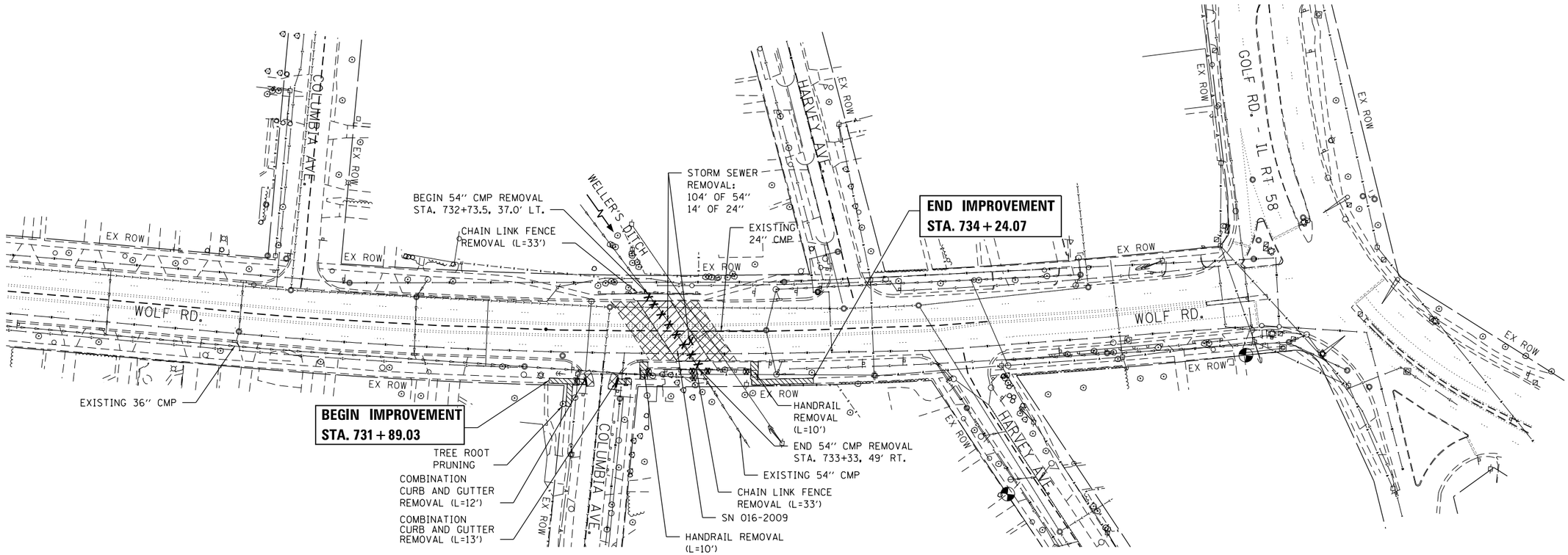
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT AND BENCHMARK
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	13
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

TREE REMOVAL SCHEDULE		
STATION	OFFSET	SIZE
732+56.6	80' RT	30"
732+77.4	36.4' RT	36"
733+16.2	35.8' RT	7" / 10"
733+30.2	35.8' RT	24"



REMOVAL LEGEND

- SIDEWALK REMOVAL AND CONCRETE STEP REMOVAL
- STORM SEWER REMOVAL 24" AND 54"
- HOT-MIX ASPHALT SURFACE REMOVAL COMPLETE
- COMBINATION CURB AND GUTTER REMOVAL
- TREE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	14
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

EXIST. CURVE WOLF-1
PI STA. = 733+88.82
Δ = 12° 06′ 40″ (LT)
D = 1° 17′ 02″
R = 4,462.30′
T = 473.38′
L = 943.24′
E = 25.04′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 729+15.43
P.T. STA. = 738+58.67

HOT-MIX ASPHALT SURFACE COURSE MIX "D" N70, VARIES 2" TO 4" BITUMINOUS MATERIALS (TACK COAT)

RESURFACING LIMIT 732+60.75

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)

HOT-MIX ASPHALT SURFACE COURSE MIX "D" N70, VARIES 2" TO 2¾" BITUMINOUS MATERIALS (TACK COAT)

RESURFACING LIMIT 733+38.75

END IMPROVEMENT STA. 734 + 24.07

CHAIN LINK FENCE, 4′ (L=35′)

PC STA. 729+15.43

PT. STA. 738+58.67

COLUMBIA AVE.

HARVEY AVE.

WELLER'S DITCH

GOLF RD. - IL RT 58

WOLF ROAD

730+00

735+00

EX ROW

24′

23′

26′

50′

EXISTING 36" CMP

CURVE WOLF-1

BEGIN IMPROVEMENT STA. 731 + 83.05

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

PROPOSED ADA RAMP

CHAIN LINK FENCE, 4′ (L=35′)

SN 016-2009

STA. 732+39.70 (WOLF RD.) = STA. 9+73.00 (COLUMBIA AVE.)

PROPOSED ADA RAMP

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

N

EXISTING BRIDGE S.N. 016-2009

MATCH EXISTING SIDEWALK

S. WOLF RD.

643.68

643.34

641.32

641.34

641.37

EXIST R.O.W.

MATCH EXISTING SIDEWALK

WELLER'S DITCH

NORTHEAST CORNER OF BRIDGE

655 650 645 640 635 630 625 620

WOLF ROAD EXISTING CENTERLINE PROFILE

MATCH EXISTING STA. 732+60.75 ELEVATION 643.38

MATCH EXISTING STA. 733+38.75 ELEVATION 643.78

+0.53%

+0.53%

BEGIN IMPROVEMENT STA. 731 + 83.05

END IMPROVEMENT STA. 734 + 24.07

WOLF ROAD PROPOSED CENTERLINE PROFILE

STONE RIPRAP, CLASS A3 SEE DRAINAGE PLANS

EXISTING PGL																															
PROPOSED PGL	646.41		645.89		645.27		644.58		643.87		643.24		642.75		642.53		642.42		642.52		642.76		643.04		643.32		643.82	**631.65**	643.82		644.06		644.37		644.94		645.72

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

PROFILE: SURVEYED, PLOTTED, PROFILES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

FILE NAME = G:\Engineering\LiveProjects\13003 IDOT DUR\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-sht-plnprf.dgn

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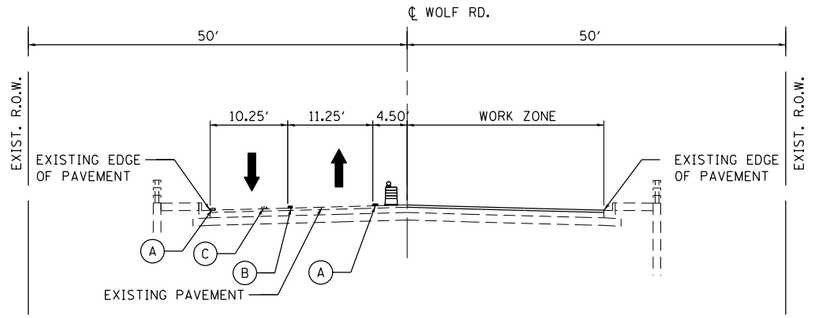
PLOT DATE = 4/20/2018	DATE - 4/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

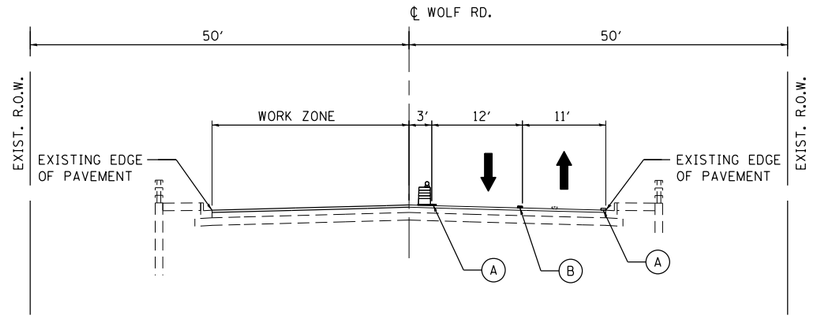
PROPOSED PLAN AND PROFILE
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 731+83.0 TO STA. 734+24.07

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	15
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		



STAGE I TYPICAL SECTION



STAGE II TYPICAL SECTION

LEGEND

- (A) 4″ WHITE PAVEMENT MARKING TAPE, TYPE IV
- (B) 4″ DOUBLE YELLOW PAVEMENT MARKING TAPE, TYPE IV
- (C) EXISTING PAVEMENT MARKING TO BE REMOVED
- DRUM OR TYPE II BARRICADES WITH BI-DIRECTIONAL STEADY BURN LIGHT
- DIRECTION OF TRAFFIC

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. THE TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE HIGHWAY STANDARDS AS SHOWN IN THE INDEX OF SHEETS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS OR SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR MAINTENANCE OF TRAFFIC.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
4. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING THE WORK.
5. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND TO THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
6. SIDE STREETS SHALL REMAIN OPEN AT ALL TIMES. SPECIAL CONSIDERATION MAY BE GIVEN TO A SHORT TERM CLOSURE ON AN AS NEEDED BASIS. THESE CLOSURES WILL BE COORDINATED WITH THE RESIDENT ENGINEER.
7. DRUMS OR TYPE II BARRICADES SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED 50 FEET CENTER TO CENTER IN TANGENTS, 20 FEET CENTER TO CENTER IN TAPERS AND 10 FEET CENTER TO CENTER IN CURVES AND RADII.
8. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
9. ALL ROAD CONSTRUCTION AHEAD SIGNS, ONE LANE ROAD AHEAD SIGNS, AND TYPE III BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.
10. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN.
11. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER SEVEN (7) DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO SEVEN (7) DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
13. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3″ X 6″ DELINEATOR INSTALLED. THE COST OF THE DELINEATOR IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
14. WORK ZONE SPEED LIMIT SHALL BE 35 MPH ON WOLF ROAD UNLESS NOTED OTHERWISE.
15. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING ANY CHANGES.
16. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.
17. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH TRAVEL LANE IN EACH DIRECTION AND ONE SIDEWALK THROUGHOUT THE PROJECT AREA AT ALL TIMES.
18. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL PHASES OF CONSTRUCTION.
19. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, DAMAGED OR OTHERWISE AFFECTED BY CONSTRUCTION.
20. THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH APPROPRIATE INFORMATION SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

SUGGESTED SEQUENCE OF CONSTRUCTION & MAINTENANCE OF TRAFFIC

STAGE I

1. INSTALL EROSION CONTROL DEVICES PER SHEETS 17 AND 18. MAINTAIN TRAFFIC USING IDOT STANDARD 701101.
2. INSTALL STAGE I TRAFFIC CONTROL. SHIFT TRAFFIC TO THE WEST SIDE OF THE EXISTING BRIDGE PAVEMENT.
3. REMOVE EXISTING CMP'S FROM UNDER THE BRIDGE.
4. INSTALL NEW GATE VALVE IN NEW VALVE VAULT. PATCH THE PAVEMENT.
5. REMOVE AND LOWER EXISTING WATER MAIN UNDER THE BRIDGE.
6. INSTALL FLARED END SECTIONS AND DITCH RIPRAP PER THE PLANS.
7. REMOVE EXISTING NORTHBOUND WEARING SURFACE WITHIN THE STAGE I CONSTRUCTION WORK ZONE.
8. CONSTRUCT CONCRETE WEARING SURFACE ON THE EAST SIDE OF THE BRIDGE DECK AND THE HOT MIX ASPHALT SURFACE ON THE EAST SIDE OF THE APPROACHES WITHIN THE STAGE I CONSTRUCTION WORK ZONE.
9. REPAIR THE SIDEWALK ON THE EAST SIDE OF THE BRIDGE.
10. REMOVE THE CONCRETE STEPS AND REPLACE WITH ADA COMPLIANT SIDEWALK PER THE PLANS.
11. LANDSCAPE RESTORATION PER THE PLANS.
12. REMOVE STAGE I TRAFFIC CONTROL AND PLACE STAGE II TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKING PER PLAN. UTILIZE IDOT STANDARD TRAFFIC CONTROL STANDARDS TO MAINTAIN TRAFFIC.

STAGE II

1. SHIFT TRAFFIC TO THE EAST SIDE OF THE BRIDGE UTILIZING THE NEW BRIDGE PAVEMENT.
2. REMOVE EXISTING SOUTHBOUND WEARING SURFACE WITHIN THE STAGE II CONSTRUCTION WORK ZONE.
3. CONSTRUCT CONCRETE WEARING SURFACE ON THE WEST SIDE OF THE BRIDGE DECK AND THE HOT MIX ASPHALT SURFACE ON THE WEST SIDE OF THE APPROACHES WITHIN THE STAGE II CONSTRUCTION WORK ZONE.
4. REPAIR THE SIDEWALK ON THE WEST SIDE OF THE BRIDGE.
5. REMOVE SECTIONS OF WEST SIDE BRIDGE RAIL IN LOCATIONS SHOWN IN BRIDGE REPAIR PLANS.
6. REPAIR THE WEST SIDE BRIDGE RAIL ANCHORS. REERECT THE REMOVED WEST SIDE BRIDGE RAIL SECTIONS.
7. REMOVE TEMPORARY PAVEMENT MARKING AND PLACE PERMANENT PAVEMENT MARKING. REMOVE TEMPORARY EROSION CONTROL DEVICES. UTILIZE IDOT STANDARD TRAFFIC CONTROL STANDARDS TO MAINTAIN TRAFFIC.

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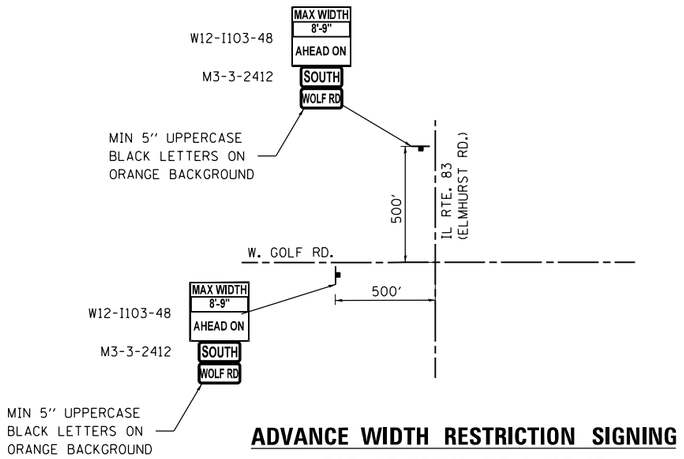
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

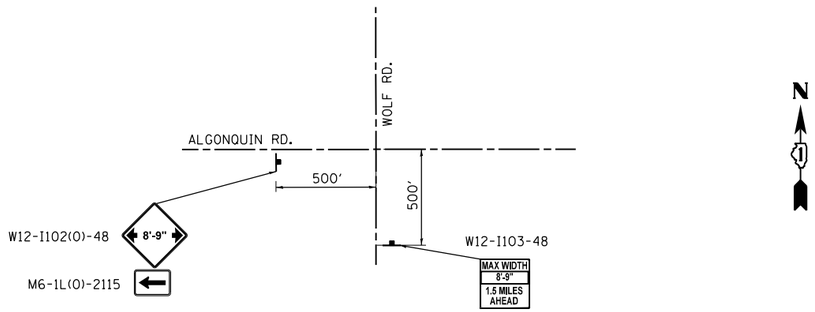
TRAFFIC CONTROL PLAN – TYPICAL SECTIONS AND NOTES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	16
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		



ADVANCE WIDTH RESTRICTION SIGNING FOR SB WOLF RD. TRAFFIC



ADVANCE WIDTH RESTRICTION SIGNING FOR NB WOLF RD. TRAFFIC

FILE NAME = D:\Engineering\LivePr~1\projects\13003 IDOT DUPA\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Sht-Staging 00A.dgn

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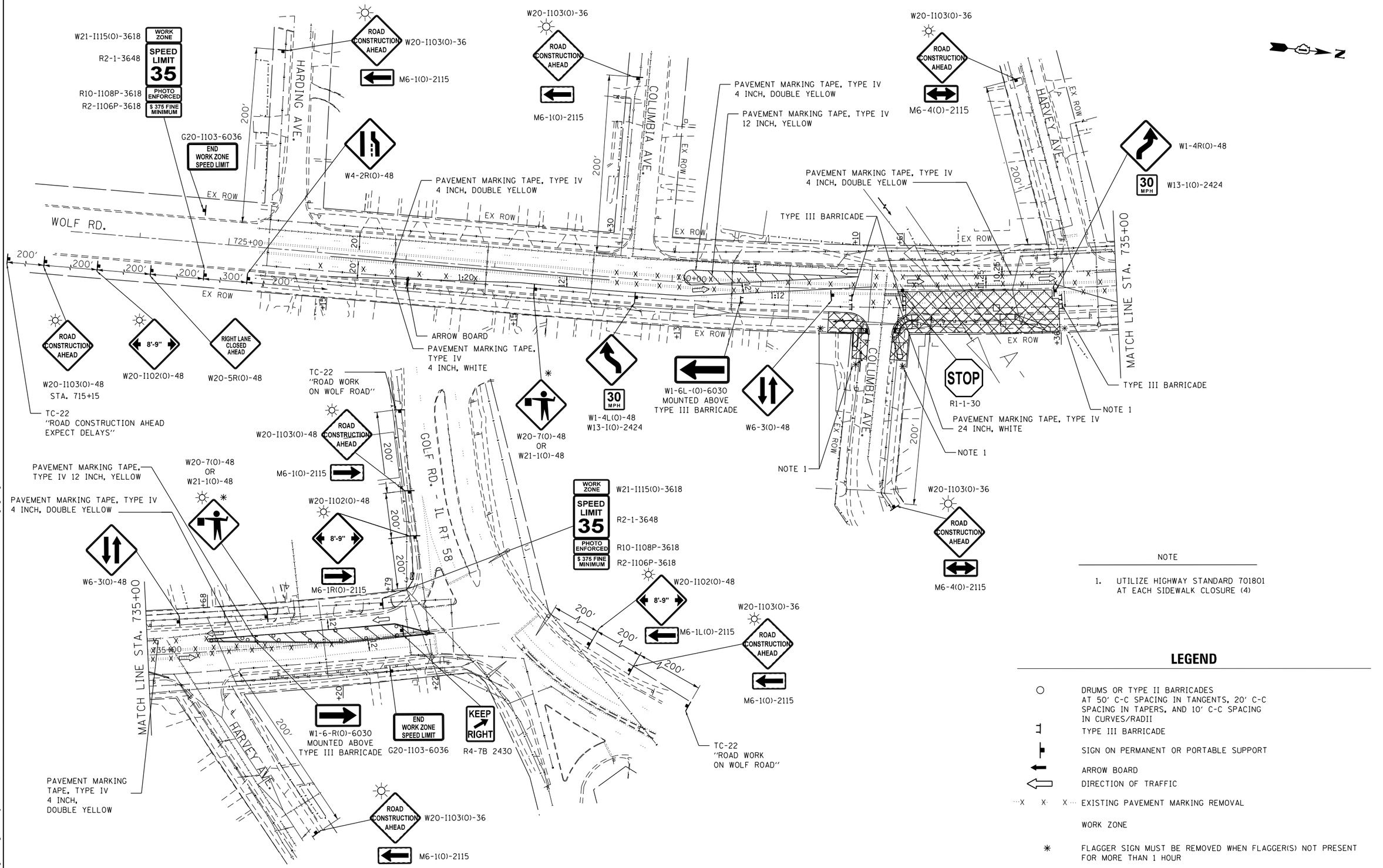
PLOT DATE = 4/12/2018	DATE - 4/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN – ADVANCE WIDTH RESTRICTION SIGNING
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	16A
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



NOTE

1. UTILIZE HIGHWAY STANDARD 701801 AT EACH SIDEWALK CLOSURE (4)

LEGEND

○	DRUMS OR TYPE II BARRICADES AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS, AND 10' C-C SPACING IN CURVES/RADII
	TYPE III BARRICADE
	SIGN ON PERMANENT OR PORTABLE SUPPORT
←	ARROW BOARD
⇦	DIRECTION OF TRAFFIC
···X X X···	EXISTING PAVEMENT MARKING REMOVAL
	WORK ZONE
✳	FLAGGER SIGN MUST BE REMOVED WHEN FLAGGER(S) NOT PRESENT FOR MORE THAN 1 HOUR

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN – STAGE I
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 718+15 | TO STA. 738+25

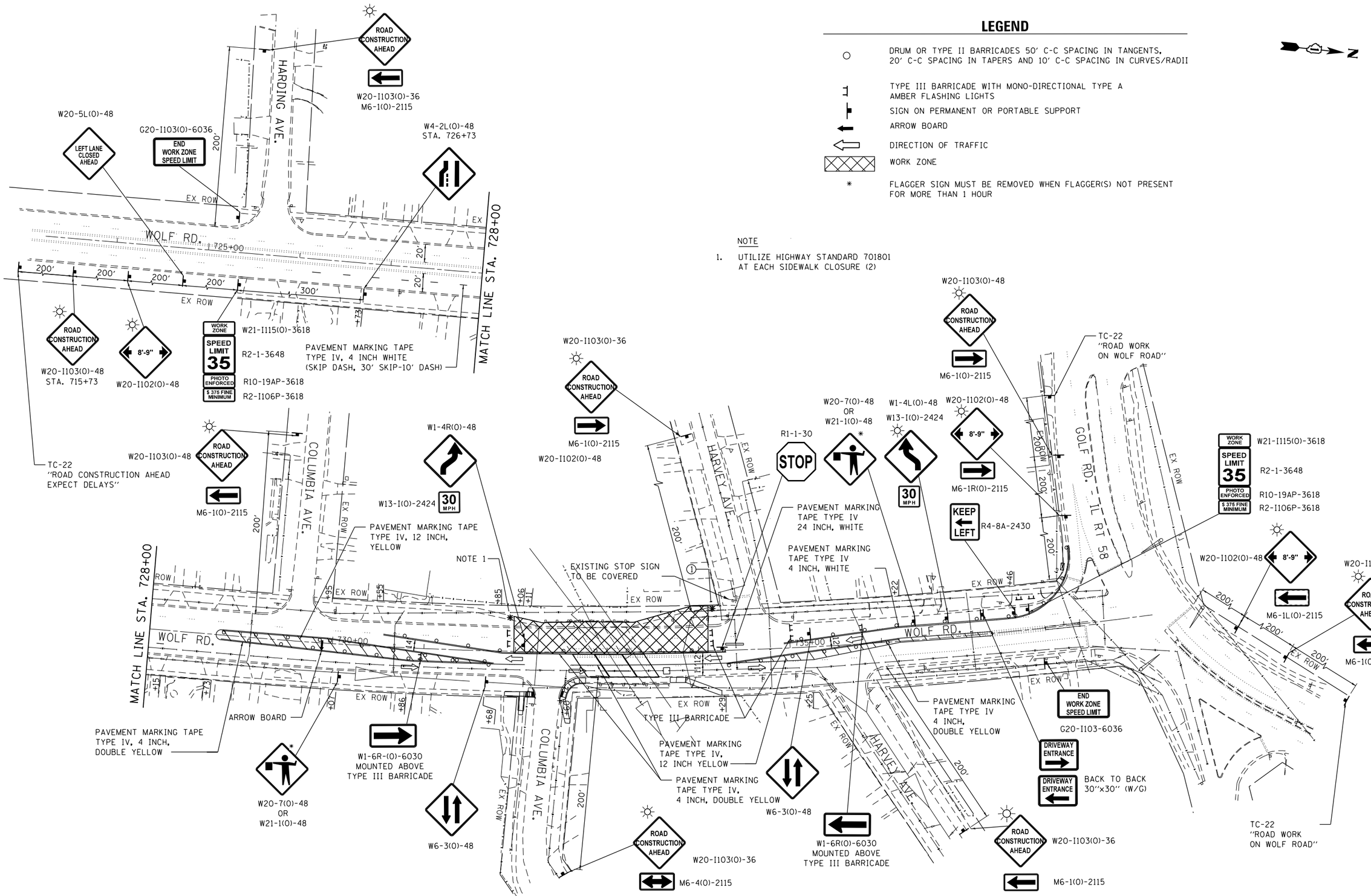
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	17
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

LEGEND

○	DRUM OR TYPE II BARRICADES 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN CURVES/RADII
	TYPE III BARRICADE WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS
	SIGN ON PERMANENT OR PORTABLE SUPPORT
	ARROW BOARD
	DIRECTION OF TRAFFIC
	WORK ZONE
*	FLAGGER SIGN MUST BE REMOVED WHEN FLAGGER(S) NOT PRESENT FOR MORE THAN 1 HOUR

NOTE

1. UTILIZE HIGHWAY STANDARD 701801 AT EACH SIDEWALK CLOSURE (2)



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	PLOT DATE = 4/12/2018	DATE - 4/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN – STAGE II
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	18
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUPV\13003e - WO 1 Contract No. 60W53\CADD\C400 Sheets\Civil\10160W53 Stv-Staging02.dgn

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL CONTROL MEASURES NECESSARY MUST MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE LATEST EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ADDITIONAL DETAILS AND BMPs ARE ALSO AVAILABLE AND CAN BE UTILIZED AS SHOWN IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. 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).

2. ALL THE SOIL EROSION AND SEDIMENT CONTROL FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITION AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND WITH THE INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR OF WHICH APPROVED BY THE ENGINEER, WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.

4. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITIES.

5. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION ACTIVITY. THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN ONE (1) CALENDAR DAY.

6. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREA AS THE PROJECT PROGRESSES AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE ENGINEER OR AUTHORIZED IDOT PERSONNEL.

7. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10-FT VERTICALLY OR THE FINISHED SLOPE EQUALS 30-FT, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.

8. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES TO BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS THROUGHOUT THE PROJECT.

9. THE CONTRACTOR'S REPRESENTATIVE AND THE ENGINEER MUST KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTIONS TAKEN PLACE. THE REPORTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION. THE REPORT MUST ALSO BE RETAINED FOR THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED.

10. THE CONTRACTOR'S REPRESENTATIVE HAS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND HAVE TAKEN AN ILLINOIS DEPARTMENT OF TRANSPORTATION OR APPROVED EQUAL EROSION AND SEDIMENT CONTROL COURSE. THIS PERSON SHALL HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTION CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN PROVIDED BY THE ENGINEER. THIS INDIVIDUAL AND THE ENGINEER MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING:

    A. DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED.
    B. STRUCTURAL CONTROL MEASURES (SUCH AS PERIMETER EROSION BARRIER, ETC.)
    C. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT SITE.
    D. AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE WITHIN 24-HOURS AFTER A 24-HOUR RAINFALL OR EQUIVALENT SNOWFALL EVENT GREATER THAN 0.5-INCH. DURING WINTER MONTHS, ALL MEASURES MUST BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

11. ALL THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON, AS WELL AS OVER THE WINTER SHUTDOWN PERIOD AND OTHER DAYS WHEN THE PROJECT IS CLOSED DOWN FOR A LONGER DURATION. ANY CONTROL MEASURES FILLED MORE THAN 75% MUST BE CLEANED AND RESET AND THESE SPOILS REMOVED TO AN APPROVED SITE.

12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND ACTIVE DRAINAGE PATHS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE. IMMEDIATELY AFTER THE FINAL SHAPING OF THE STOCKPILE, THE TOPSOIL WILL BE STABILIZED IN ACCORDANCE WITH THE METHOD APPROVED BY IDOT. THE CONTRACTOR WILL PROVIDE ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

13. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR, THE COST OF THE CONTROLS WILL BE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER, THE DEPARTMENT WILL ASSUME THE COST OF INSTALLING AND MAINTAINING THE CONTROLS.

14. IF AND/OR WHEN THE CONTRACTOR REQUESTS CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH 25 FEET AWAY FROM THE SHOULDER OF THE ROAD PROVIDED THE FOLLOWING CONDITIONS ARE MET:

    A. ALL AREAS BEING STABILIZED ARE 1:3 SLOPES OR FLATTER
    B. THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH MULCH METHOD 3.
    C. ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

15. TOPSOIL PLACEMENT:
TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARY STEEP SLOPES.

16. IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICABLE AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

17. THE CONTRACTOR'S REPRESENTATIVE AND THE ENGINEER MUST KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTIONS. THE REPORTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION. THE REPORT MUST ALSO BE RETAINED FOR THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED.

18. ANY SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING CONTROL MEASURE PRIOR TO RELEASE FROM THE PROJECT SITE.

19. NO WORK IS ALLOWED BEYOND THE PERMITTED AREA, ANY WORK WITHIN A SWALE OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY. PROVISIONS MUST BE MADE TO BYPASS PUMP OR DEWATER ANY AREAS IN WHICH WORK WILL BE CONDUCTED. IN HIGH FLOW CHANNELS WHERE DEWATERING IS NOT POSSIBLE OR PRACTICAL, SILT FENCE OR SEDIMENT CURTAINS MAY BE INSTALLED PARALLEL TO THE STREAM BANK. IN NO CASE WILL THE CURTAINS BE INSTALLED PERPENDICULAR TO THE FLOW.

20. SEEDING USAGE

    CLASS 1A:
    USED AT FINAL DISTURBED CONSTRUCTION AREAS INDICATED ON THE PLANS.

    TEMPORARY EROSION CONTROL SEEDING:
    USED IN AREAS REQUIRING SHORT TERM TEMPORARY SEEDING DURING CONSTRUCTION.

21. THE CONTRACTOR MUST COOPERATE WITH THE ENGINEER AND HIS/HER REPRESENTATIVE WHO WILL MAKE THE SITE VISITS TO REVIEW THE COMPLIANCE OF THE PLAN IN THE FIELD AND AUDIT IF NECESSARY. THE CONTRACTOR MUST PREPARE THE LOGS AND RECORDS WHEN REQUIRED AND SUBMIT TO IDOT AND/OR APPROPRIATE AGENCIES.

22. 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 ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF FOURTEEN (14) OR MORE CALENDER DAYS.

23. THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AFTER ALL PERIMETER EROSION BARRIER IS REMOVED. THE AREAS DAMAGED BY THE PERIMETER EROSION CONTROL BARRIER MUST BE RESTORED TO ITS ORIGINAL CONDITION.

24. THE CONTRACTOR MUST COOPERATE WITH THE ENGINEER AND HIS/HER REPRESENTATIVE WHO WILL MAKE THE SITE VISITS TO REVIEW THE COMPLIANCE OF THE PLAN IN THE FIELD AND AUDIT IF NECESSARY. THE CONTRACTOR MUST PREPARE THE LOGS AND RECORDS WHEN REQUIRED AND SUBMIT TO IDOT AND/OR APPROPRIATE AGENCIES.

25. PERIMETER EROSION BARRIER SHOULD BE ERECTED ALONG THE DRIPLINE OF THE TREES AND SHRUBS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN TO ESTABLISH A TREE PROTECTION ZONE BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING). MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE TREE PROTECTION ZONE. REMOVE PROTECTIVE PERIMETER EROSION BARRIER ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

26. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

27. 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 ENGINEER.

28. THE CONTRACTOR IS REQUIRED TO PROVIDE WASHOUT FACILITIES TO COMPLY WITH EROSION CONTROL PERMITS.

SOIL PROTECTION SCHEDULE:

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
PERMANENT SEEDING					→	→				→	→	
DORMANT SEEDING	→	→	→							→	→	→
TEMPORARY SEEDING										→		
EROSION BLANKET / HYDROMULCH											→	

EROSION AND SEDIMENT CONTROL STRATEGY:

1. ERECT PERIMETER EROSION BARRIERS AS SHOWN ON PLANS.
2. CLEAR AND GRUB, REMOVE EXISTING TREES AND BUSHES AS NECESSARY.
3. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
4. TEMPORARY STABILIZATION OF EACH STAGE SHOULD BE COMPLETED BEFORE WORK IS MOVED TO SUBSEQUENT STAGES.
5. STABILIZE DISTURBED AREAS WITH TEMPORARY EROSION CONTROL MEASURES. USE THE PERMANENT SEEDING WITH EROSION CONTROL BLANKET FOR PERMANENT STABILIZATION AS SHOWN ON THE PLANS.
6. WHEN THE PERMANENT STABILIZATION IS ESTABLISHED, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES.

HIGHWAY STANDARDS:

STD. NO.	TITLE
280001	TEMPORARY EROSION CONTROL SYSTEM

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUN\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Sht-Eros01.dgn

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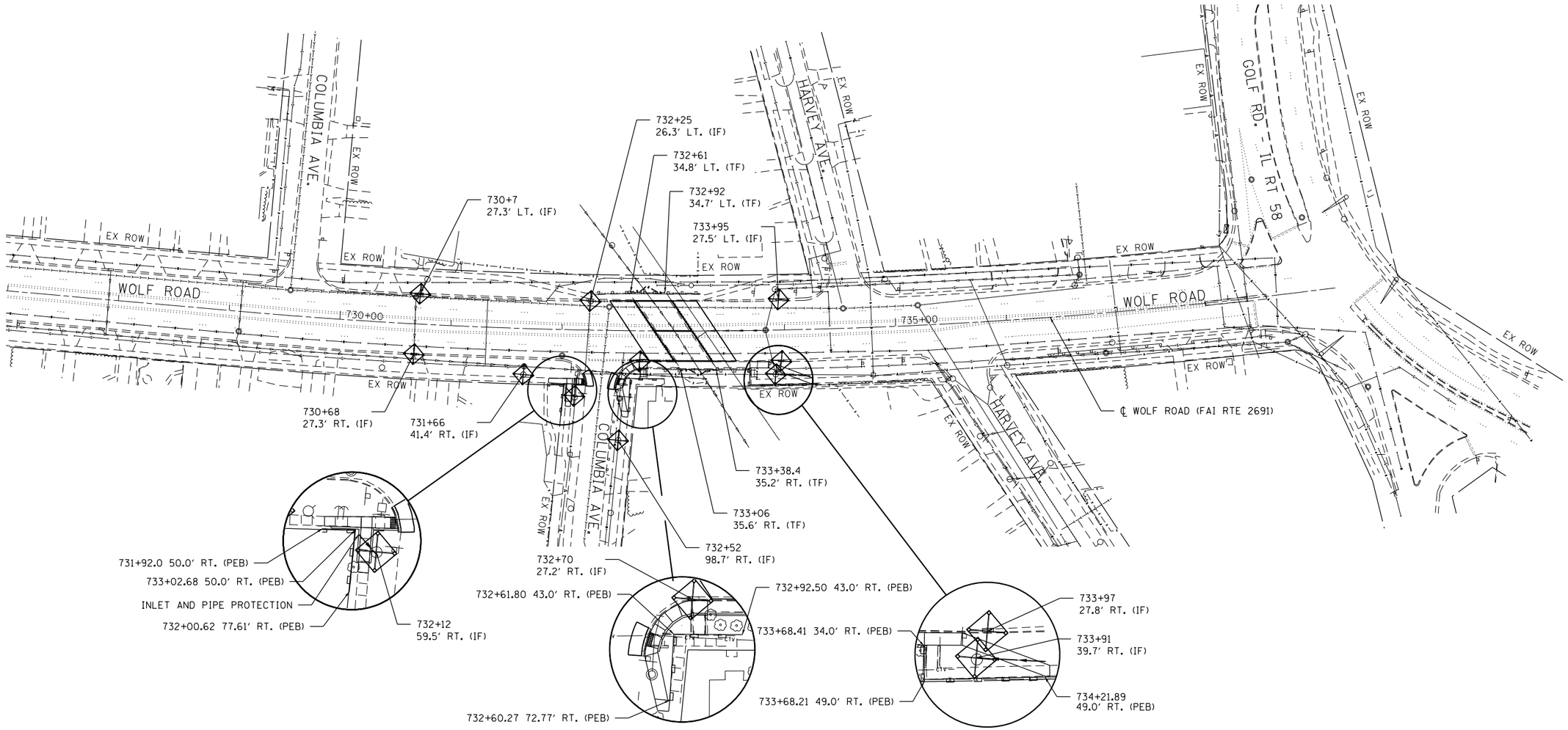
USER NAME = dheyden	DESIGNED - AB	REVISED -
	DRAWN - CEC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL NOTES
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	19
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



LEGEND

- INLET FILTER (IF)
- PERIMETER EROSION BARRIER (PEB)
- TEMPORARY FENCE (TF)

FILE NAME = Q:\Engineering\LiveProjects\3003 IDOT DuPi\3003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\01160W53-Sht-Ero02.dgn

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PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

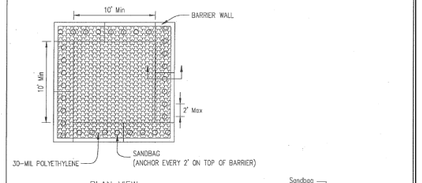
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
WOLF ROAD AT WELLER'S DITCH

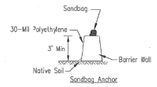
SCALE: | SHEET OF SHEETS | STA. 731+83.0 | TO STA. 734+24.07

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	20
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

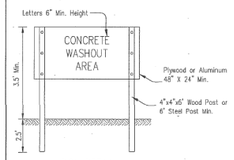
AUTOCAD2006



PLAN VIEW



BARRIER WALL ANCHOR SECTION



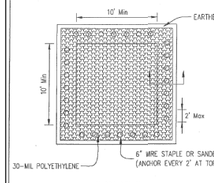
SIGN DETAIL

NOTES:

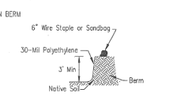
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

	TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL	Designed — Date — Drawn R. JOHNSON — 6/08 Checked — — Approved — —

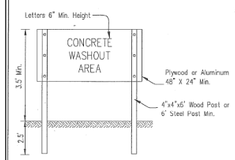
AUTOCAD2006



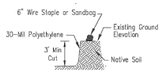
PLAN VIEW



EARTHEN BERM ANCHOR SECTIONS



SIGN DETAIL



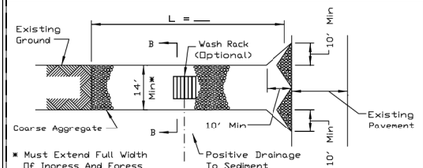
SUBGRADE ANCHOR SECTIONS

NOTES:

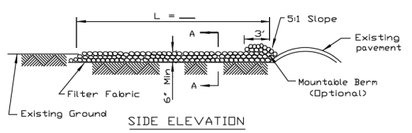
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

	TEMPORARY CONCRETE WASHOUT FACILITY – EARTHEN TYPE	Designed — Date — Drawn R. JOHNSON — 6/08 Checked — — Approved — —

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



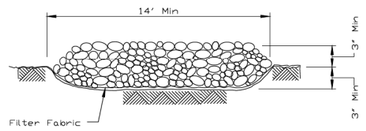
SIDE ELEVATION

NOTES:

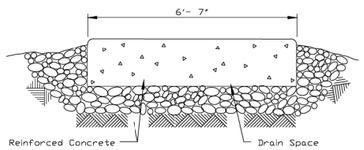
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3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

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

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A–A



SECTION B–B

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

FILE NAME = G:\Engineering\LiveProjects\13083 IDOT DUPN\13083a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Sht-ErosControlDet.dgn

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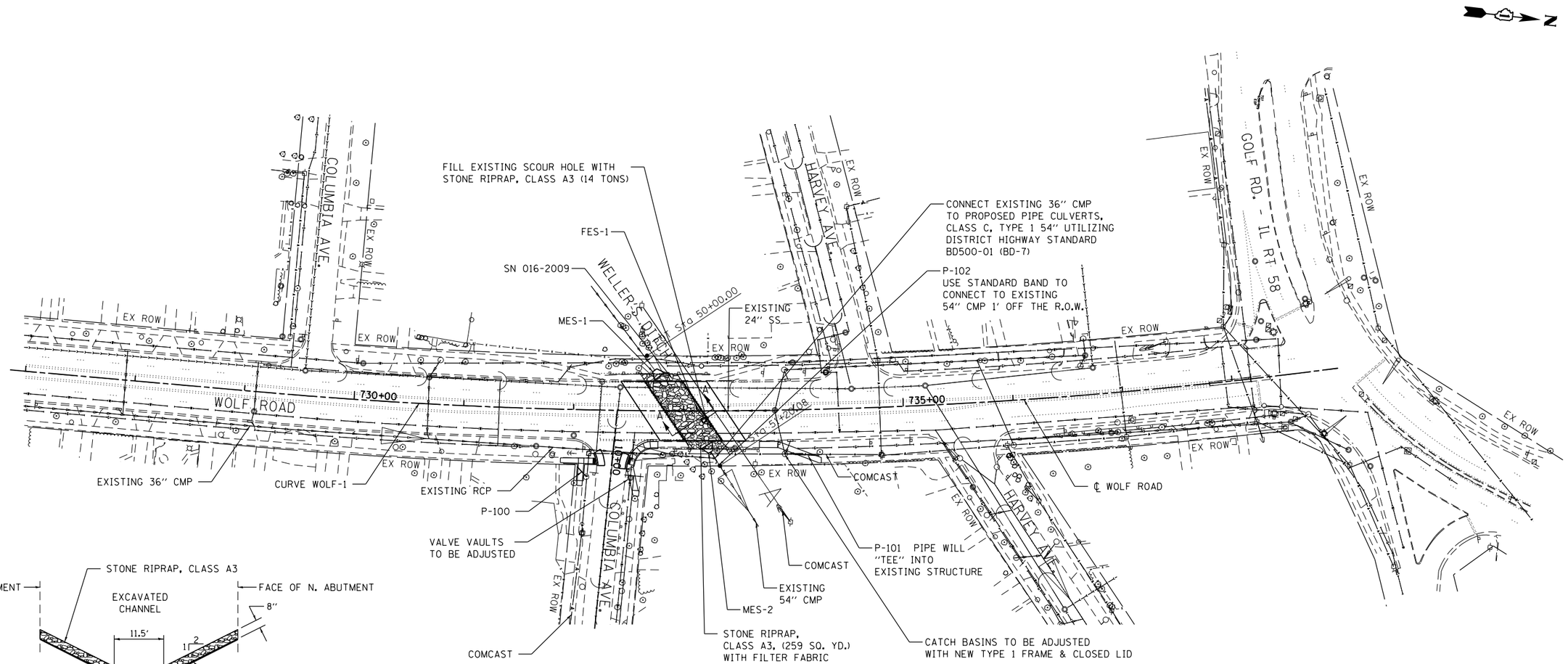
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

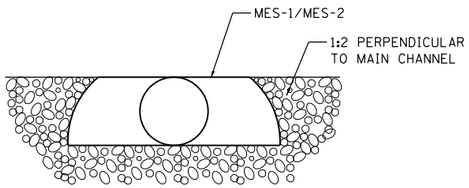
EROSION AND SEDIMENT CONTROL DETAILS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	21
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



SECTION A–A

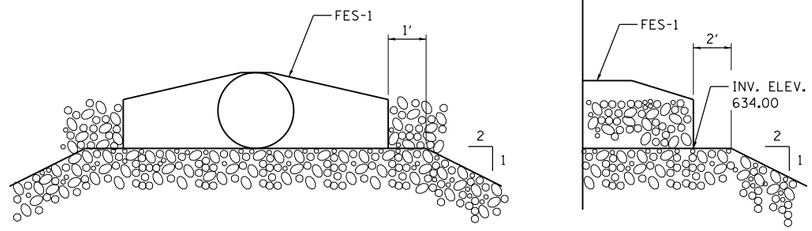


CHANNEL ENDS

PROPOSED PIPE SCHEDULE							
PIPE NO.	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE %	TRENCH BACKFILL	UPSTREAM INVERT	DOWNSTREAM INVERT
P-100	11.5	10	CLASS C, TYPE 1, PVC	10.8	1.6 CU. YD.	639.15	637.91
P-101	32	10	CLASS C, TYPE 1, PVC	1.25	4.4 CU. YD.	640.20	639.80
P-102	14	54	CLASS C, TYPE 1, CMP	0.90	6.0 CU. YD.	631.30	631.10*

PROPOSED END SECTION SCHEDULE					
SECTION NO.	DIA. (IN)	MATERIAL	END STATION	OFFSET (FT)	INVERT
FES-1	24	PRECAST REINFORCED CONCRETE FLARED	733+16.8	9.3 RT	634.00
MES-1	54	METAL	732+77.8	31.4 LT	632.00*
MES-2	54	METAL	733+20.9	31.2 RT	631.30

*MATCH INVERT AT ENDS OF 54" DIA CMP TO REMAIN



FES –1 SUPPORT

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUN\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Sht-Drainage.dgn

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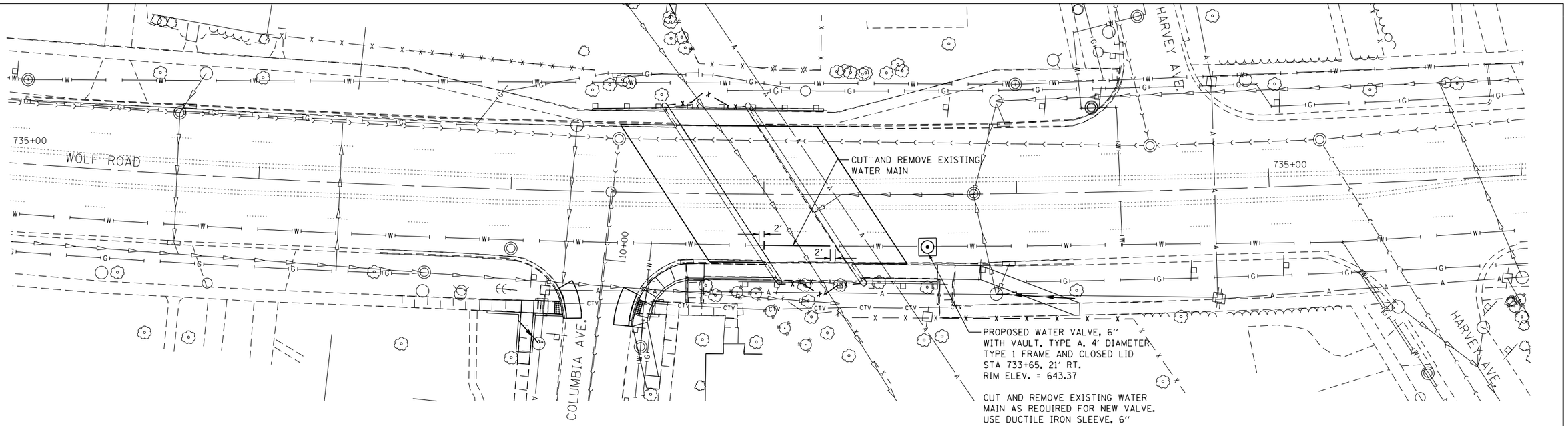
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

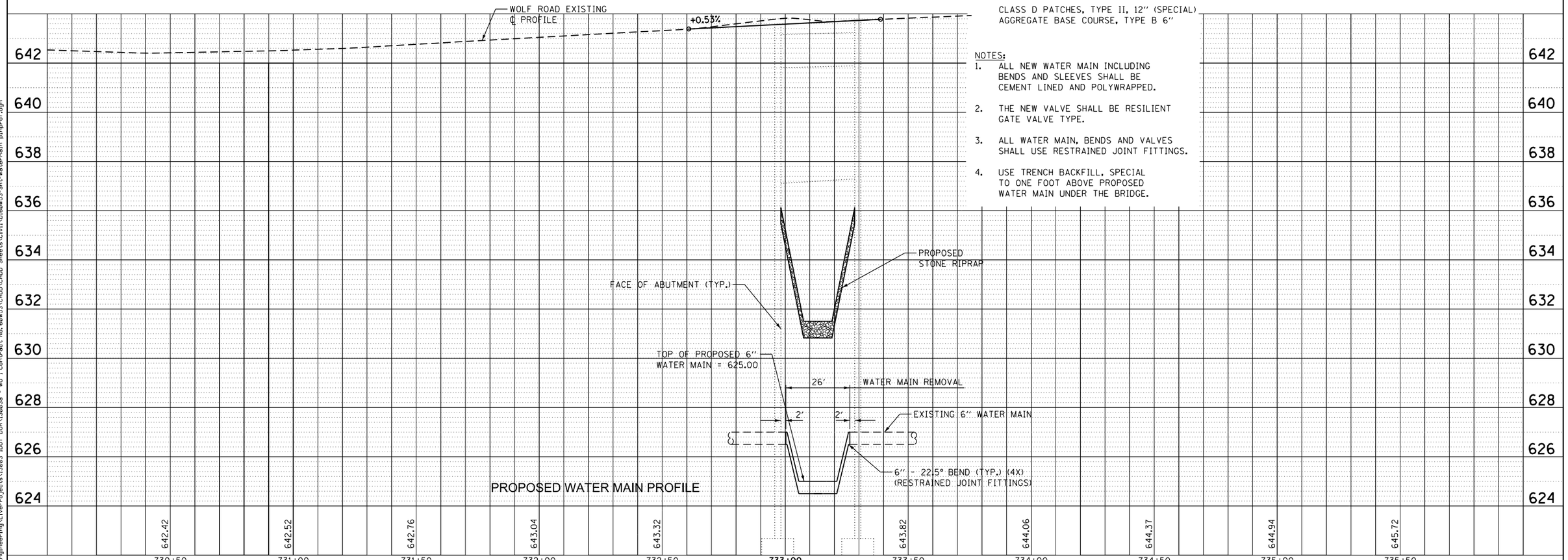
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 731+83.0 | TO STA. 734+24.07

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	22
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		





NOTES:

1. ALL NEW WATER MAIN INCLUDING BENDS AND SLEEVES SHALL BE CEMENT LINED AND POLYWRAPPED.
2. THE NEW VALVE SHALL BE RESILIENT GATE VALVE TYPE.
3. ALL WATER MAIN, BENDS AND VALVES SHALL USE RESTRAINED JOINT FITTINGS.
4. USE TRENCH BACKFILL, SPECIAL TO ONE FOOT ABOVE PROPOSED WATER MAIN UNDER THE BRIDGE.

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

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, BM. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO.____, BY, DATE

FILE NAME = G:\Engineering\LivePro jects\13003 IDOT DUR\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160453-Sht-WaterMain plnprof.dgn

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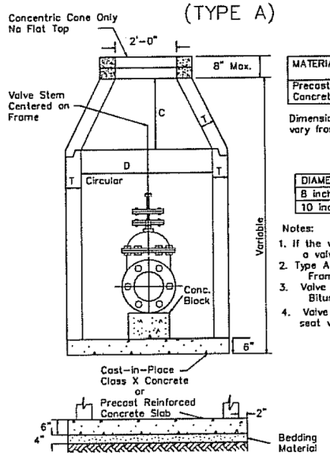
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN
WOLF ROAD AT WELLER'S DITCH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	23
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

STANDARD DESIGN FOR VALVE VAULT (TYPE A)



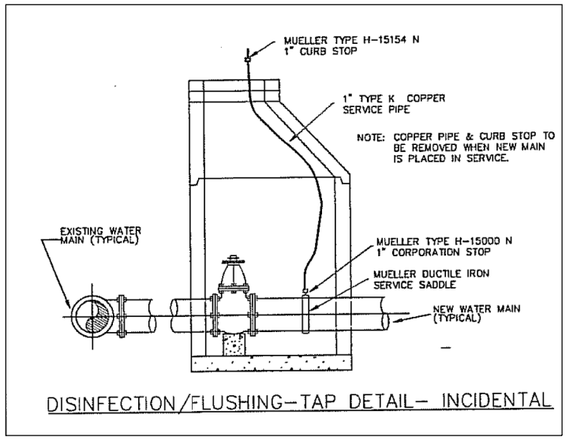
MATERIAL FOR WALLS	D	C	T (Min.)
Precast Reinforced Concrete Risers	4'-0"	2'-6"	4"
	5'-0"	3'-9"	5"

Dimension C for Precast Reinforced Concrete Risers may vary from the dimension given to plus six inches.

DIAMETER OF WATER MAIN	D
8 inches and under	4'-0"
10 inches and over	5'-0"

Notes:

1. If the valve stem is greater than 5' in depth, a valve stem extension to 5' is required.
2. Type A Valve Vault shall be provided with Frame and Lid as shown in general notes.
3. Valve Vault joints shall be sealed with Bituminastic joints.
4. Valve shall be Mueller A-2360 resilient seat valve only.



DISINFECTION/FLUSHING-TAP DETAIL- INCIDENTAL

FILE NAME = G:\Engineering\LivePojects\13003 IDOT DuPa\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D1660W53-Sht-Water Vault Detail.dgn

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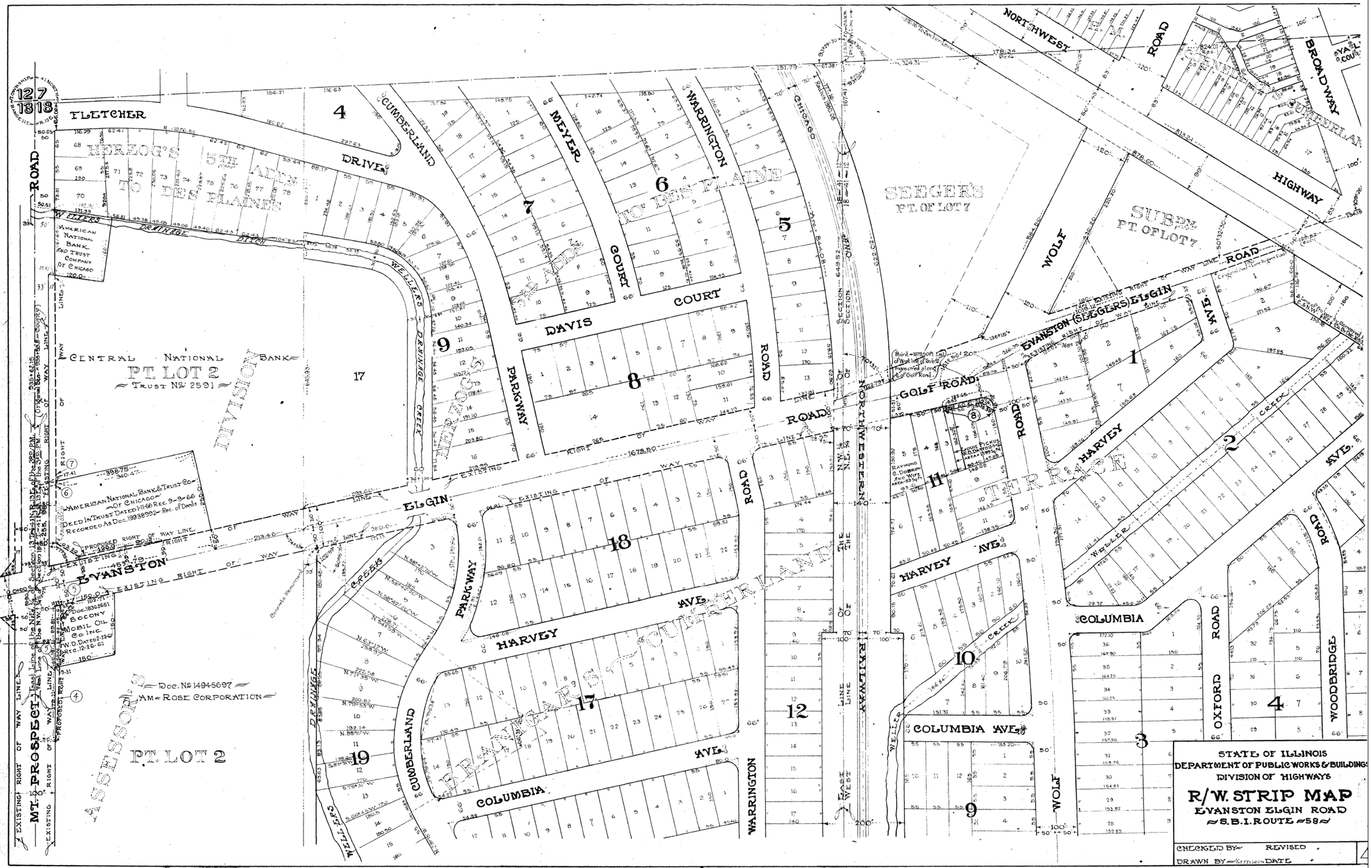
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN DETAILS
WOLF ROAD AT WELLER'S DITCH

SCALE: _____ | SHEET ___ OF SHEETS | STA. _____ | TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	24
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		



FOR INFORMATION ONLY

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PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY STRIP MAP
WOLF ROAD AT WELLER'S DITCH

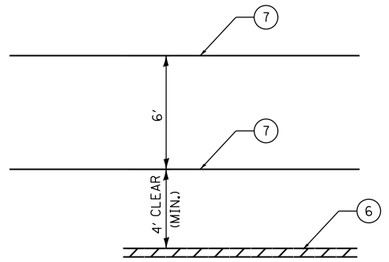
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	25
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

LANDSCAPING LEGEND

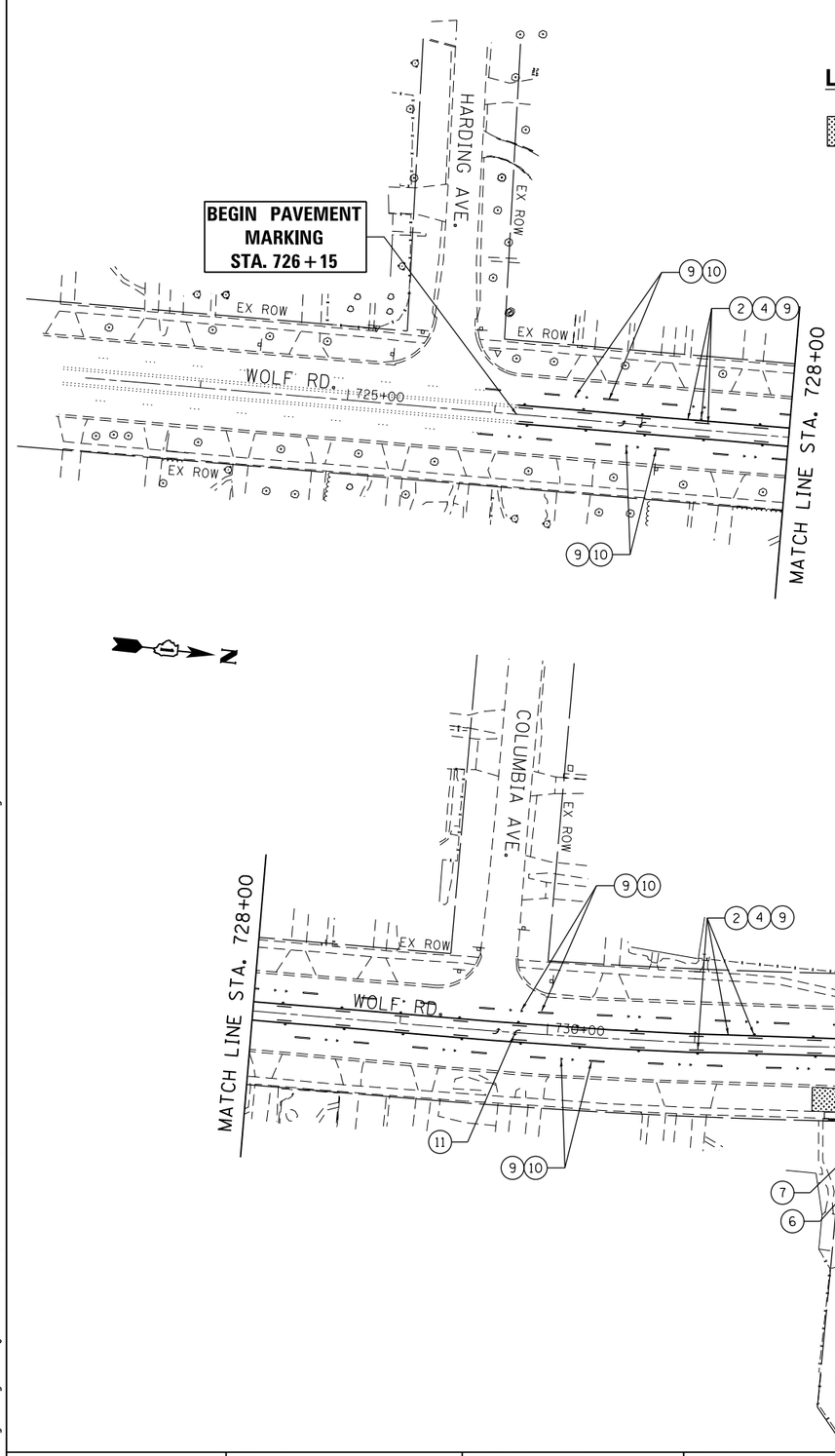
SEEDING, CLASS 1A WITH EROSION CONTROL BLANKET

DETAIL FOR CROSSWALKS AND STOP BARS



PAVEMENT MARKING LEGEND

1. POLYUREA PAVEMENT MARKING TYPE I-LINE 4", WHITE (SKIP DASH, 30' SKIP - 10' DASH)
2. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW
3. THERMOPLASTIC PAVEMENT MARKING-LINE 12", YELLOW
4. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (SKIP DASH, 30' SKIP - 10' DASH)
5. POLYUREA PAVEMENT MARKING TYPE I-LINE 4", YELLOW (SKIP DASH, 30' SKIP - 10' DASH)
6. THERMOPLASTIC PAVEMENT MARKING-LINE 24", WHITE
7. THERMOPLASTIC PAVEMENT MARKING-LINE 6", WHITE
8. THERMOPLASTIC PAVEMENT MARKING-LINE 4", DOUBLE YELLOW
9. REPLACEMENT REFLECTOR
10. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (SKIP DASH, 30' SKIP - 10' DASH)
11. THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS
12. POLYUREA PAVEMENT MARKING TYPE I-LINE 4", YELLOW



USER NAME = dheyden	DESIGNED - TGM	REVISED -	
	DRAWN - CEC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMT	REVISED -	
PLOT DATE = 3/27/2018	DATE - 3/27/2018	REVISED -	

Accurate GROUP, INC.

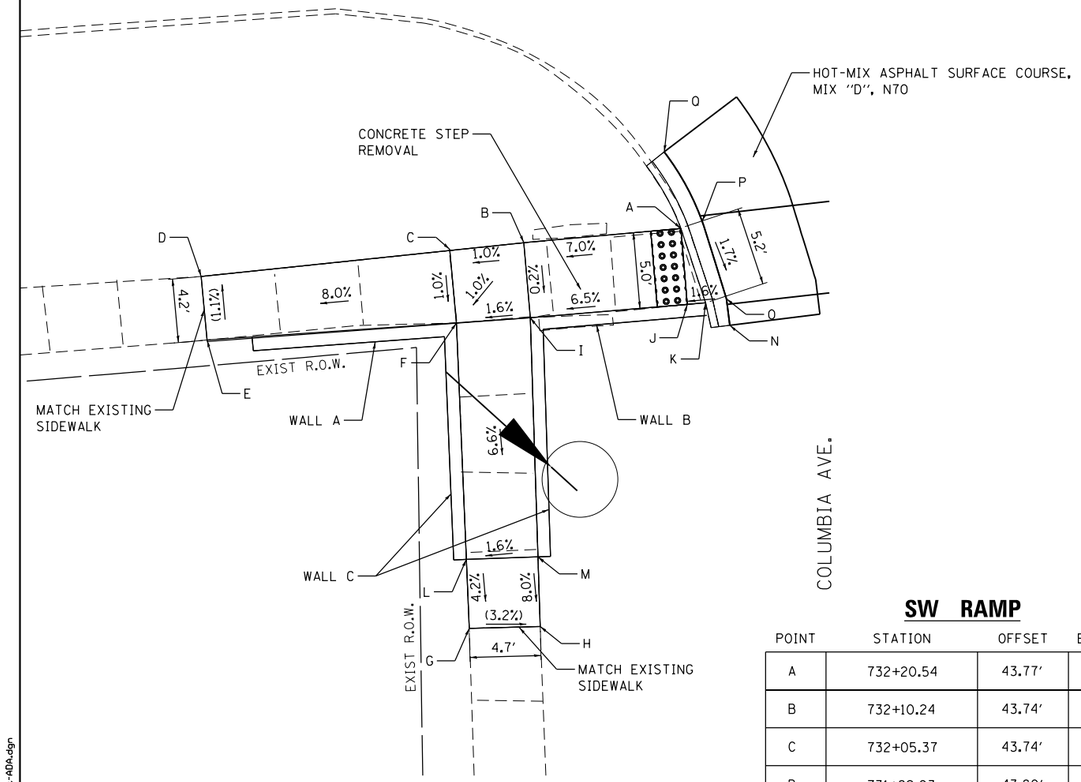
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND LANDSCAPING DETAILS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 725+15 | TO STA. 737+79

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	26
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		

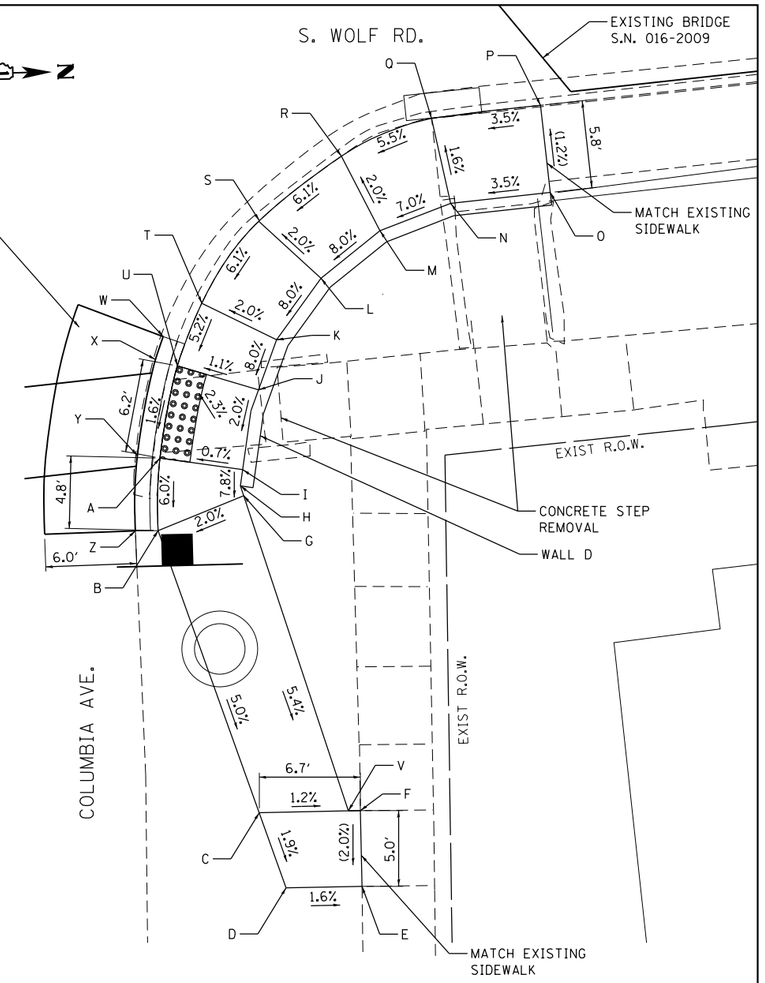
FILE NAME = D:\Engineering\LivePrograms\13003 IDOT DUPV\13003a - WO 1 Contract No. 60W53\C4DV\C4DD Sheets\Civil\1016W53-Sht-Pavt Mark.dgn



SW RAMP

POINT	STATION	OFFSET	ELEVATION
A	732+20.54	43.77′	(641.78)
B	732+10.24	43.74′	641.01
C	732+05.37	43.74′	640.93
D	731+89.03	43.80′	(639.61)
E	731+89.06	48.40′	(639.66)
F	732+05.38	48.64′	640.98
G	732+04.43	68.78′	(639.75)
H	732+09.03	69.07′	(639.60)
I	732+10.21	48.72′	641.00
J	732+20.50	48.80′	641.68
K	732+21.70	48.81′	641.69
L	732+04.64	64.23′	639.94
M	732+09.30	64.49′	639.96
N	732+20.50	50.44′	(641.49)
O	732+23.08	48.67′	641.70
P	732+22.06	43.77′	(641.79)
Q	732+19.92	38.63′	(642.00)

NOTES:
1. SEE SHEETS 27 THRU 30 FOR WALL DETAILS.



SE RAMP

POINT	STATION	OFFSET	ELEVATION
A	732+49.59	48.29′	641.74
B	732+49.00	53.04′	641.45
C	732+53.72	72.24′	640.53
D	732+54.97	77.36′	640.43
E	732+59.87	77.75′	(640.35)
F	732+60.27	72.77′	(640.45)
G	732+54.79	51.31′	641.64
H	732+54.64	50.65′	641.69
I	732+54.89	49.60′	641.78
J	732+56.45	44.46′	641.89
K	732+57.96	41.29′	642.17
L	732+61.26	37.56′	642.57
M	732+65.42	34.83′	642.97
N	732+70.20	33.52′	643.32
O	732+76.77	33.49′	(643.55)
P	732+76.74	27.70′	(643.48)
Q	732+69.54	27.81′	643.23
R	732+63.40	29.67′	642.88
S	732+57.58	33.40′	642.46
T	732+53.32	38.40′	642.06
U	732+51.32	42.35′	641.83
V	732+59.49	72.71′	640.46
W	732+50.60	40.33′	(641.95)
X	732+49.94	41.79′	(641.84)
Y	732+48.14	47.97′	641.74
Z	732+47.53	52.91′	(641.96)

LEGEND

DETECTABLE WARNINGS

( ) EXISTING ELEVATION/SLOPE

FILE NAME = Q:\Engineering\LiveProjects\30003 IDOT DUR\30003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\01660W53-Sht-ADR.dgn

Accurate GROUP, INC.

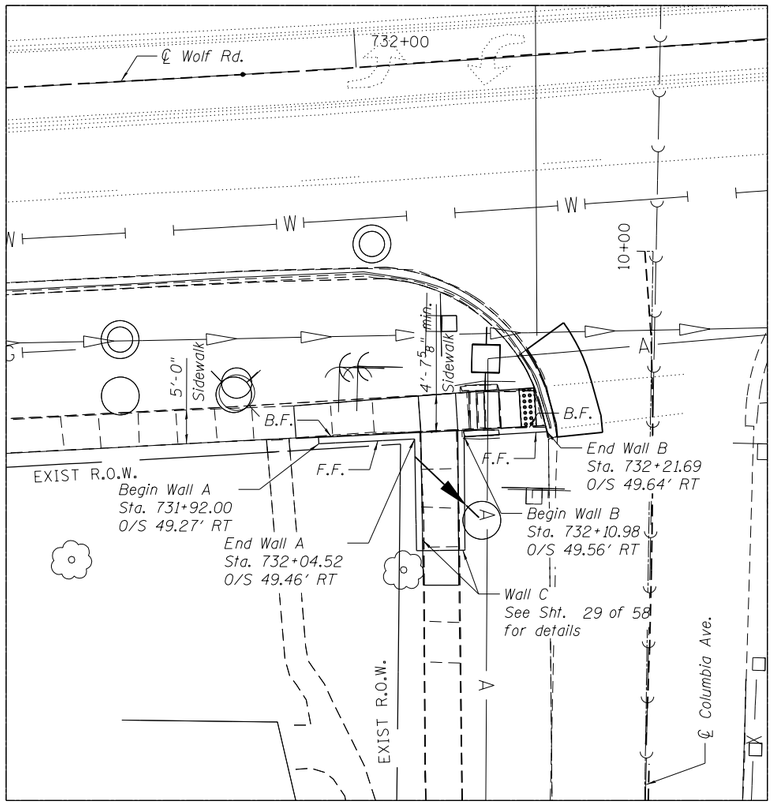
USER NAME = dheyden	DESIGNED - PP	REVISED -
	DRAWN - PP	REVISED -
PLOT SCALE = 10.000 ' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
WOLF ROAD AT WELLER'S DITCH

SCALE: _____ SHEET ___ OF SHEETS STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	27
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



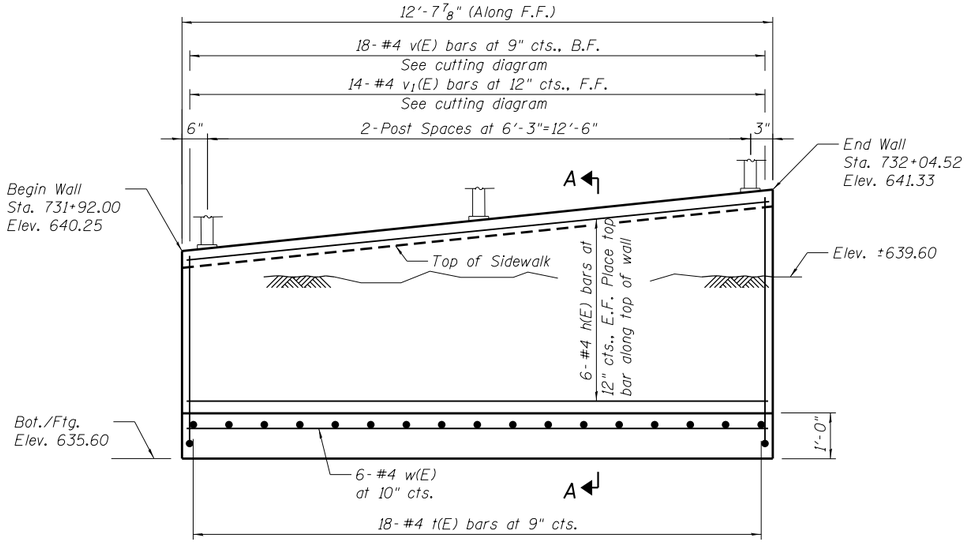
PLAN WALLS A & B
SOUTHEAST CORNER WOLF RD. & COLUMBIA AVE.

DESIGN SPECIFICATIONS

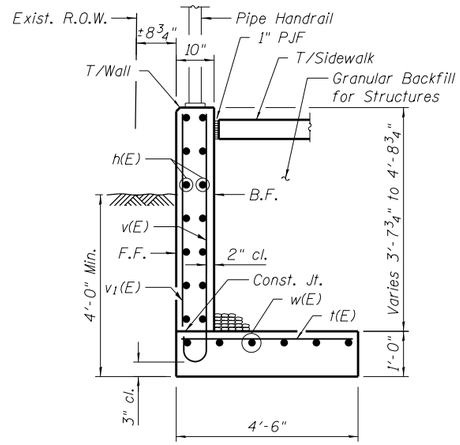
2014 AASHTO LRFD Bridge Design Specifications, 7th Edition with 2016 Interims

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)



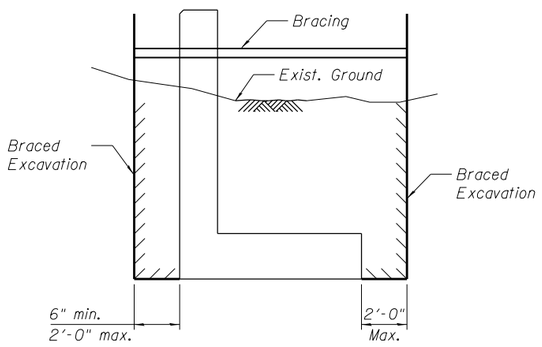
WALL A - ELEVATION
(Looking at Front Face of wall)



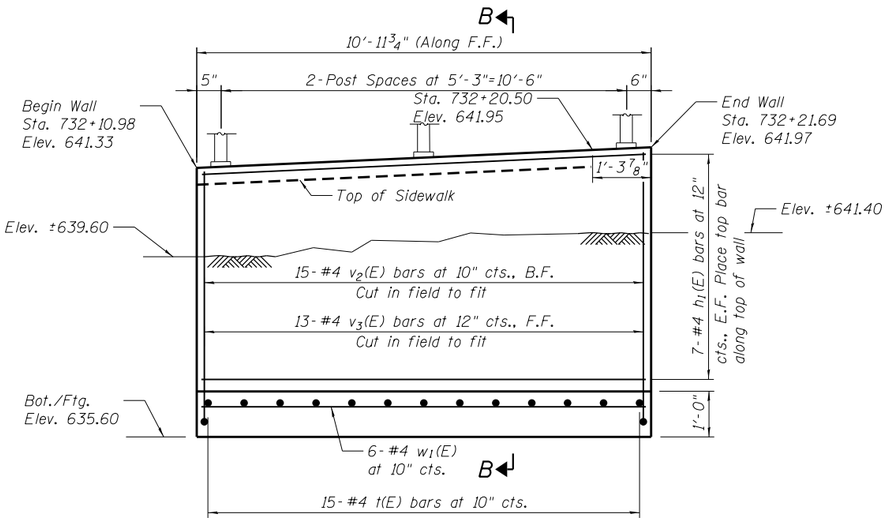
SECTION A-A

Notes:

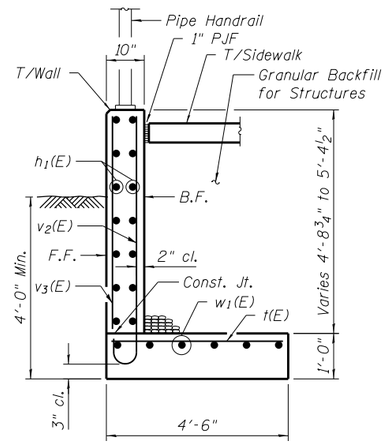
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Wall stations, offsets and dimensions are measured at front face of wall.
4. All exposed front face edges shall have a 3/4" chamfer.
5. Bracing shall be installed as per Special Provisions for "Braced Excavation."
6. See Sheet 27 of 58 for ADA Ramp Details.
7. See Sheet 30 of 58 for Retaining Walls Bill of Material and Reinforcing Details.
8. See Sheets 31 of 58 for Handrail and Anchorage Details.
9. PJF is included in the cost of Concrete Structures.
10. F.F. denotes Front Face
11. B.F. denotes Back Face
12. E.F. denotes Each Face
13. Max. bearing pressure allowed = 1900 lb/ft^2



BRACED EXCAVATION DETAIL
(Typical for all walls)



WALL B - ELEVATION
(Looking at Front Face of wall)



SECTION B-B

Accurate GROUP, INC.	USER NAME = dheyden	DESIGNED - SAT	REVISED -
		DRAWN - JN	REVISED -
	PLOT SCALE = 100.000 ' / in.	CHECKED - JMT	REVISED -
	PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALLS A AND B
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	28
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

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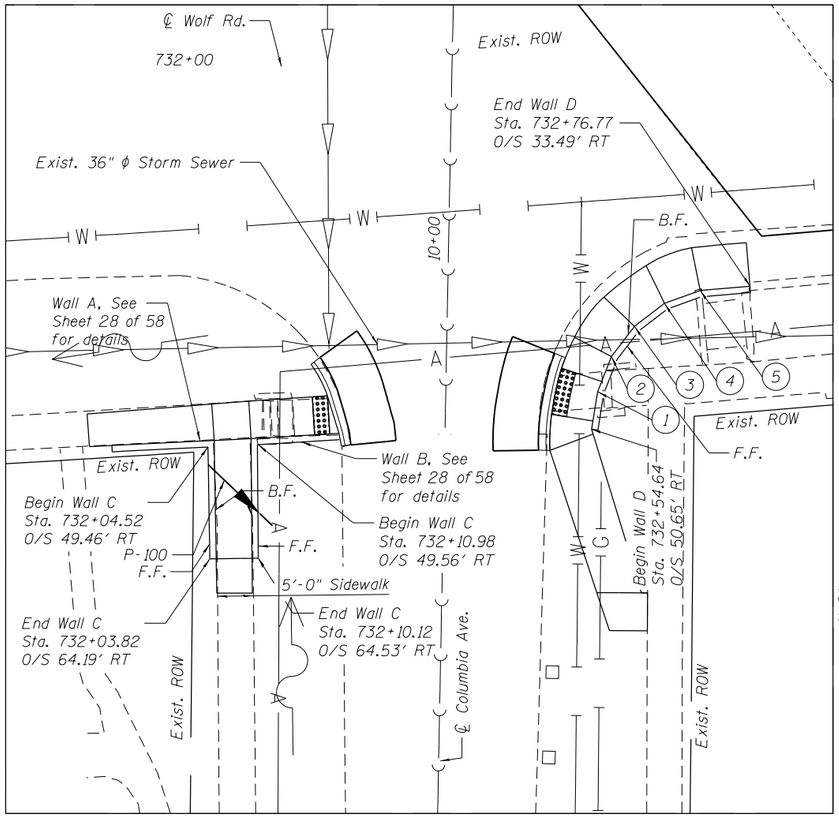


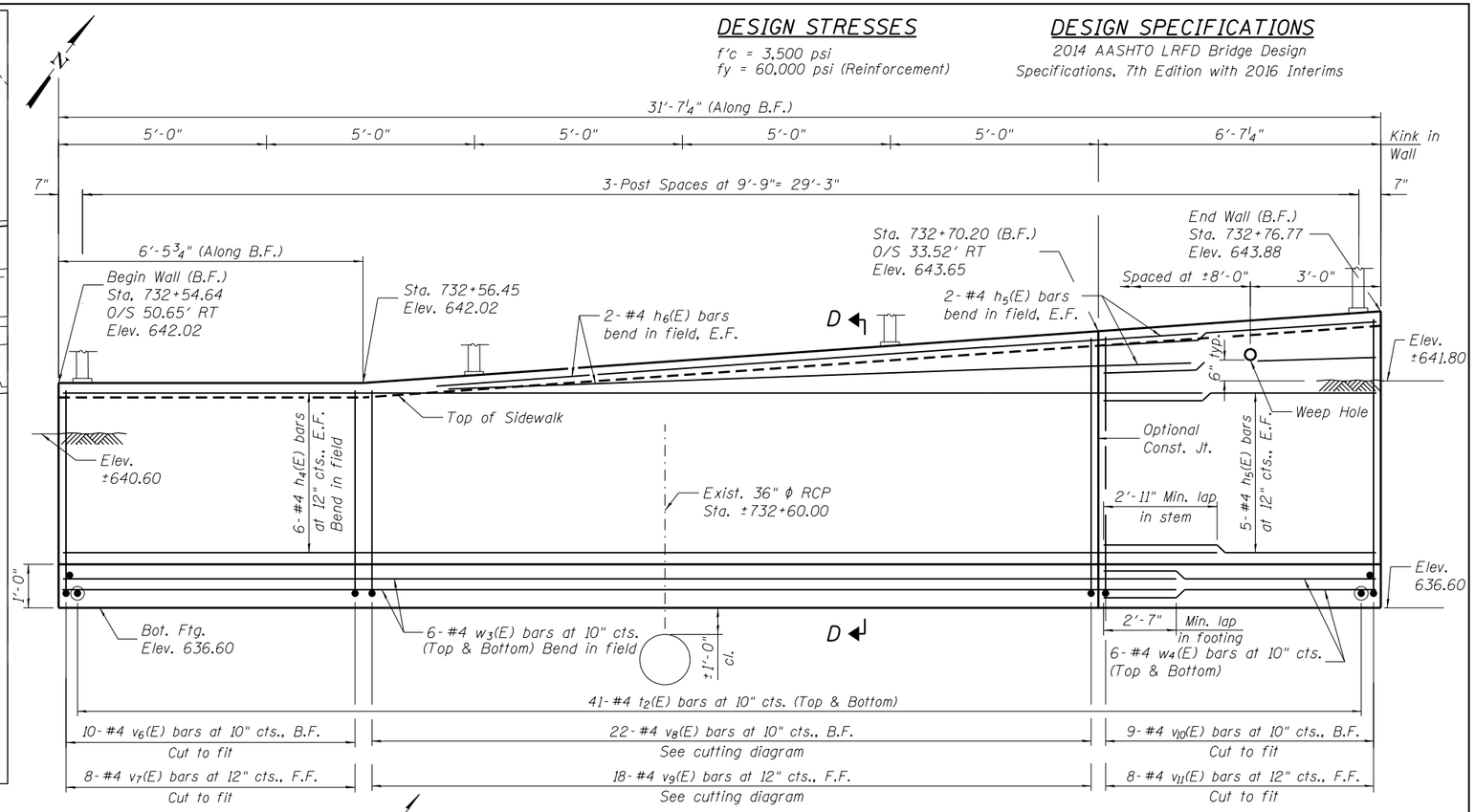
PLAN WALLS C & D
WOLF RD. & COLUMBIA AVE.

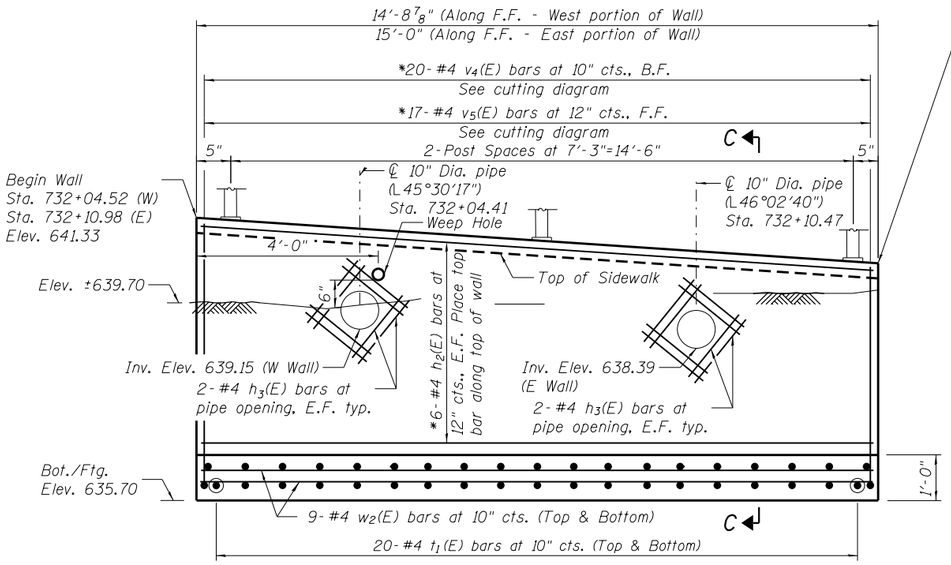
DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

DESIGN SPECIFICATIONS

2014 AASHTO LRFD Bridge Design Specifications, 7th Edition with 2016 Interims

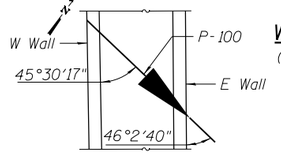




WALL C - ELEVATION

(Looking at Front Face of West Portion of Wall)
(East portion of the wall similar)

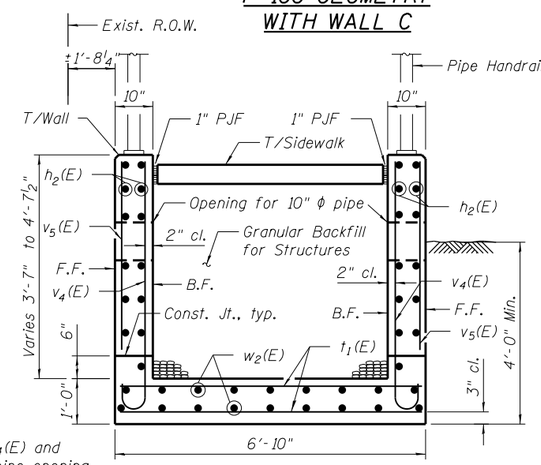
End Wall
Sta. 732+03.82 (W)
Sta. 732+10.12 (E)
Elev. 640.29



P-100 GEOMETRY WITH WALL C

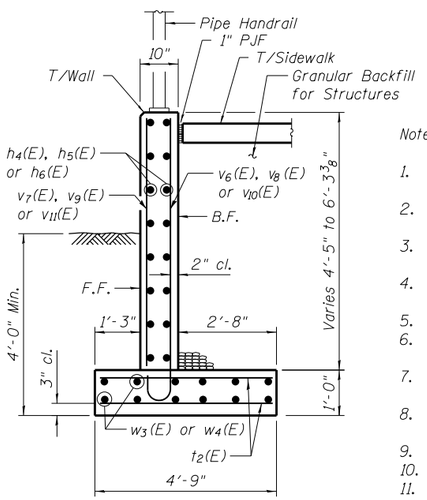
WALL D - ELEVATION

(Looking at Front Face of Wall)



SECTION C-C

* Space h2(E) bars, v4(E) and v5(E) bars to miss pipe opening.



SECTION D-D

KINK POINTS FOR WALL D

(Along Wolf Rd.)

No.	Station	Offset
①	732+55.81	45.79' RT
②	732+57.96	41.29' RT
③	732+61.26	37.56' RT
④	732+65.42	34.83' RT
⑤	732+70.20	33.52' RT

Notes:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Wall stations, offsets and dimensions are measured at front face of wall.
4. All exposed front face edges shall have a ¾" chamfer.
5. See Sheet 27 of 58 for ADA Ramp Details.
6. See Sheet 30 of 58 for Retaining Walls Bill of Material and Reinforcing Details.
7. See Sheets 31 of 58 for Handrail and Anchorage Details.
8. PJF is included in the cost of Concrete Structures.
9. F.F. denotes Front Face
10. B.F. denotes Back Face
11. E.F. denotes Each Face
12. Max. bearing pressure allowed = 1900 lb/ft

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003a - WO 1 Contract No. 60W53\CADD\C400 Sheets\Civil\D160W53-Sht-Retwall CD.dgn

Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - SAT	REVISED -
	DRAWN - JN	REVISED -
PLOT SCALE = 100.000 '/ in.	CHECKED - JMT	REVISED -
PLOT DATE = 5/14/2018	DATE - 5/14/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALLS C AND D
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	29
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

WALL A BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	12	#4	12'-11"	
t(E)	18	#4	4'-2"	
v(E)	9	#4	10'-7"	
v_1(E)	7	#4	7'-7"	
w(E)	6	#4	12'-11"	

Item	Unit	Total
Concrete Structures	Cu. Yd.	4.0
Reinforcement Bars, Epoxy Coated	Pound	310
Protective Coat	Sq. Yd.	4
Pipe Handrail	Foot	13
Braced Excavation	Cu. Yd.	15.8
Granular Backfill for Structures	Cu. Yd.	10.5

WALL B BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_1(E)	14	#4	11'-1"	
t(E)	15	#4	4'-2"	
v_2(E)	15	#4	6'-5"	
v_3(E)	13	#4	5'-0"	
w_1(E)	6	#4	11'-1"	

Item	Unit	Total
Concrete Structures	Cu. Yd.	3.8
Reinforcement Bars, Epoxy Coated	Pound	300
Protective Coat	Sq. Yd.	3
Pipe Handrail	Foot	11
Braced Excavation	Cu. Yd.	20.2
Granular Backfill for Structures	Cu. Yd.	11.2

WALL C BILL OF MATERIAL

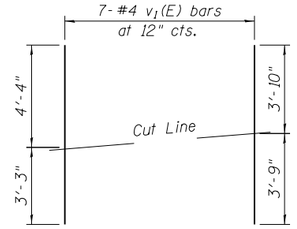
Bar	No.	Size	Length	Shape
h_2(E)	24	#4	15'-3"	
h_3(E)	32	#4	2'-3"	
t_1(E)	40	#4	6'-6"	
v_4(E)	20	#4	10'-4"	
v_5(E)	17	#4	7'-4"	
w_2(E)	18	#4	15'-3"	

Item	Unit	Total
Concrete Structures	Cu. Yd.	8.1
Reinforcement Bars, Epoxy Coated	Pound	880
Protective Coat	Sq. Yd.	9
Pipe Handrail	Foot	30
Braced Excavation	Cu. Yd.	24.8
Granular Backfill for Structures	Cu. Yd.	10.2

WALL D BILL OF MATERIAL

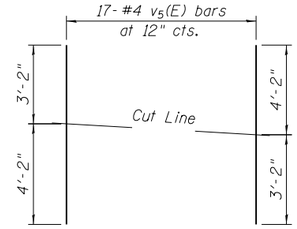
Bar	No.	Size	Length	Shape
h_4(E)	12	#4	27'-11"	
h_5(E)	14	#4	6'-3"	
h_6(E)	4	#4	19'-8"	
t_2(E)	82	#4	4'-5"	
v_6(E)	10	#4	5'-6"	
v_7(E)	8	#4	4'-1"	
v_8(E)	11	#4	12'-7"	
v_9(E)	9	#4	9'-7"	
v_{10}(E)	9	#4	7'-4"	
v_{11}(E)	8	#4	6'-10"	
w_3(E)	12	#4	30'-9"	
w_4(E)	12	#4	6'-3"	

Item	Unit	Total
Concrete Structures	Cu. Yd.	10.9
Reinforcement Bars, Epoxy Coated	Pound	1170
Protective Coat	Sq. Yd.	11
Pipe Handrail	Foot	30
Braced Excavation	Cu. Yd.	55.3
Granular Backfill for Structures	Cu. Yd.	27.0



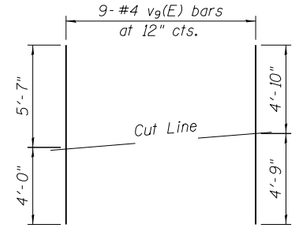
FIELD CUTTING DIAGRAM

Order v_1(E) bars full length. Cut as shown and use remainder of bars as shown in Wall A Elevation



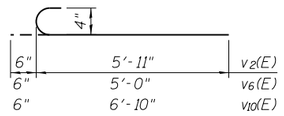
FIELD CUTTING DIAGRAM

Order v_5(E) bars full length. Cut as shown and use remainder of bars as shown in Wall C Elevation

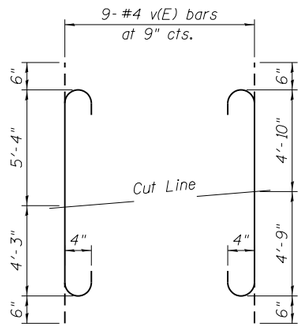


FIELD CUTTING DIAGRAM

Order v_9(E) bars full length. Cut as shown and use remainder of bars as shown in Wall D Elevation

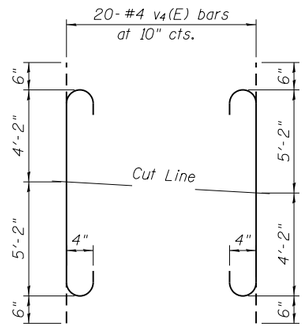


BARS v_2(E), v_6(E) and v_{10}(E)



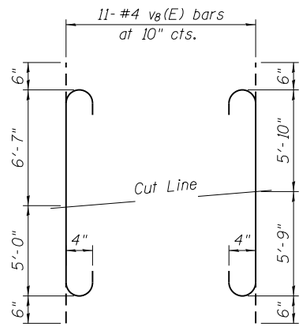
FIELD CUTTING DIAGRAM

Order v(E) bars full length. Cut as shown and use remainder of bars as shown in Wall A Elevation



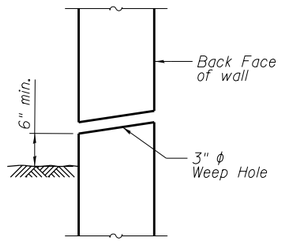
FIELD CUTTING DIAGRAM

Order v_4(E) bars full length. Cut as shown and use remainder of bars in opposite stem as shown in Wall C Elevation



FIELD CUTTING DIAGRAM

Order v_8(E) bars full length. Cut as shown and use remainder of bars as shown in Wall D Elevation.



WEEP HOLE DRAIN DETAIL

TOTAL BILL OF MATERIAL

Item	Unit	Total
Concrete Structures	Cu. Yd.	26.8
Reinforcement Bars, Epoxy Coated	Pound	2660
Protective Coat	Sq. Yd.	27
Pipe Handrail	Foot	84
Braced Excavation	Sq. Yd.	116.1
Granular Backfill for Structures	Cu. Yd.	58.9

FILE NAME = G:\Engineering\LiveProjects\13003 IDOT DuPv\13003a - WO 1 Contract No. 60W53\C400\C400 Sheets\Civil\10160W53-Str-Ret Walls BILL.dgn

Accurate GROUP, INC.

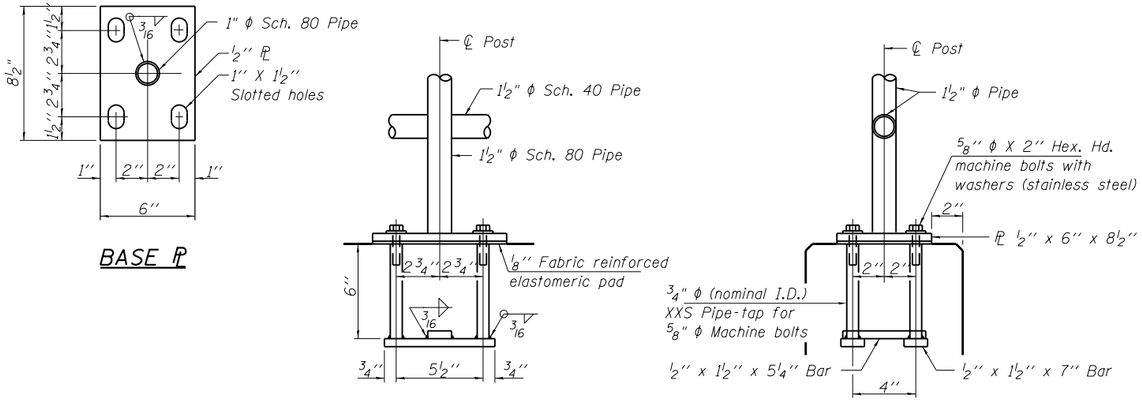
USER NAME = dheyden	DESIGNED - SAT	REVISED -
	DRAWN - JN	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 5/14/2018	DATE - 5/14/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALLS DETAILS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

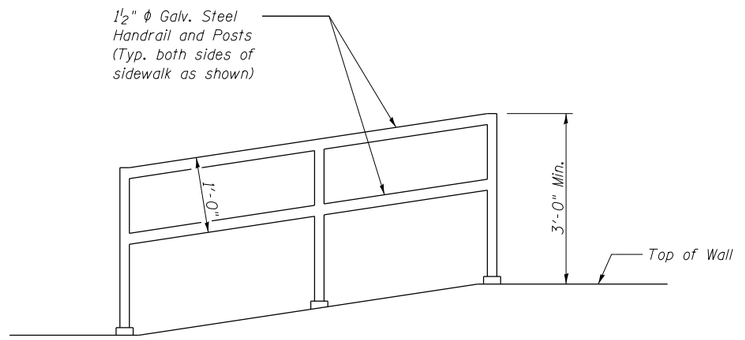
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	30
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



BASE PL

ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" dia. anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



HANDRAIL

N.T.S.

Notes:
Handrail installation shall conform with current A.D.A. requirements.
Location of posts shown in Sheets 28 and 29 of 58.

FILE NAME = G:\Engineering\LivePr~ojects\13003 IDOT DUPA\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Civil\D160W53-Shr-Handrail De.dgn

Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - JMT	REVISED -
	DRAWN - CEC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - TGM	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HANDRAIL DETAILS
WOLF ROAD AT WELLER'S DITCH

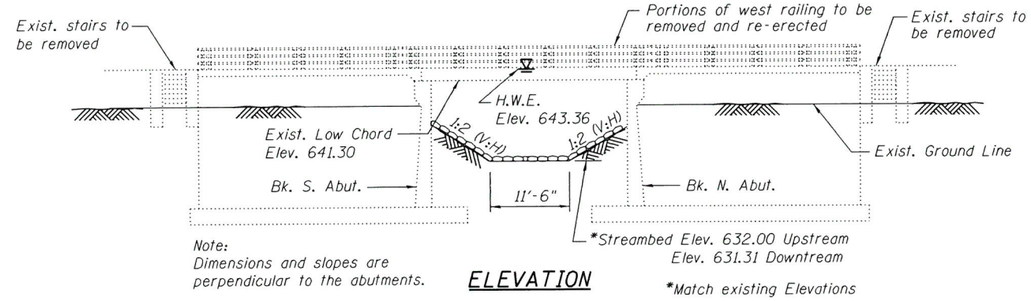
SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	31
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

Benchmark: Chiseled "square" on top step of southeast wingwall. Elev. 650.79

Existing Structure: Structure 016-2009 was built as SA-16 Section 016-3134-15D in 1960. The superstructure consists of a single span prestressed concrete box beam bridge, 32'-3½" between ℄ to ℄ of bearings and 68'-0" wide with a skew of 33°40'. In 1990, the existing asphalt overlay was removed and a new waterproofing and bituminous overlay was installed. In 2009, the structure was resurfaced with an asphalt overlay. Stage construction will be utilized to maintain traffic during construction.

No Salvage.



Note: Dimensions and slopes are perpendicular to the abutments.

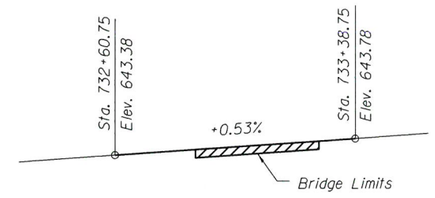
ELEVATION

CURVE DATA

(Along PGL Wolf Rd.)

Curve Wolf-1

P.I. Sta. = 733+88.82
Δ = 12° 06' 40" (LT)
D = 1° 17' 02"
R = 4,462.30'
T = 473.38'
L = 943.24'
E = 25.04'
P.C. Sta. = 729+15.43
P.T. Sta. = 738+58.67



PROFILE GRADE

(Along ℄ Wolf Rd.)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges (17th Edition)

LOADING HS20-44

Allow 25 psf for future wearing surface.

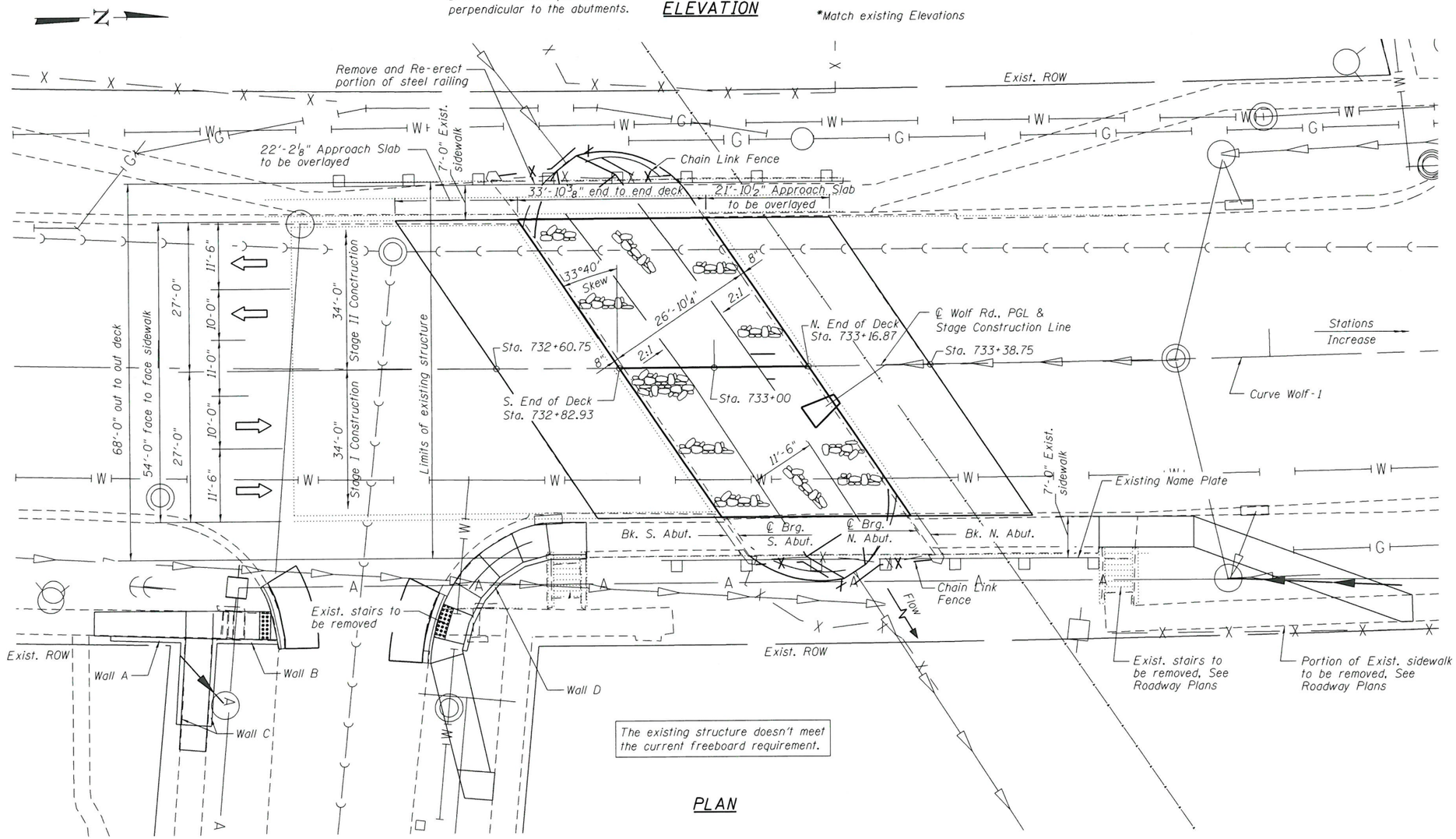
DESIGN STRESSES

EXISTING UNITS

Structural Steel = 18,000 psi
Reinforcement Bars = 20,000 psi
Concrete (w/o Earth Pressure) = 1,200 psi
Concrete (with Earth Pressure) = 800 psi

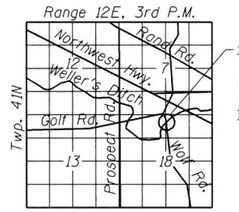
PROPOSED FIELD UNITS

f'c = 4,000 psi
fy = 60,000 psi (Reinforcement)



The existing structure doesn't meet the current freeboard requirement.

PLAN



LOCATION SKETCH

SNEHA PRIYANG SHAH
081-007062
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS

DATE SIGNED: 03/10/2018
EXP. DATE: 11/30/2018
(FOR SHEETS 28 TO 40 OF 58)

GENERAL PLAN & ELEVATION
WOLF ROAD OVER WELLER'S DITCH
FAU 2691 - SEC. 3434.1-BR(13)
COOK COUNTY
STATION 732+99.91
STRUCTURE NO. 016-2009

Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - AB	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE = 21:4 '1' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/10/2018	CHECKED - JMT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 9 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	32
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

FILE NAME = D:\Engineering\LiveProjects\13003 IDOT DUR\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-01-GPE.dgn

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. The minimum thickness of the concrete overlay shall be 5" and varies as required to adjust for the existing profile grade and beam camber.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. Protective Coat shall be applied on top of Concrete Wearing Surface, top and vertical faces of sidewalks.
5. The Contractor shall use extreme care during concrete removal so as not to damage the PPC deck beam.
6. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
7. Area of concrete repairs shown are estimated. The Engineer shall show actual locations on As-Built Plans.
8. During construction operations, loose material deposits that obstruct the flow of water in draining the area shall be removed before the end of each work day. At the conclusion of construction operations, all drainage structures shall be free from all dirt and debris. This work will not be paid for separately but shall be considered included in the cost of Stone Riprap, Class A3.
9. Protective Coat shall be applied to new concrete on the north and south abutments and wingwalls as shown on the plans.
10. Details for Walls A-D can be found in the Roadway Plans on Sheets 28 thru 31 of 58 .
11. Cleaning and painting of steel railing shall be done under a separate Painting Contract.
12. The information concerning the type and location of underground and other utilities is not guaranteed to be accurate or all inclusive. It shall be the contractor's responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E. 800-892-0123.

SCOPE OF WORK

1. Remove existing HMA overlay on PPC deck beams.
2. Remove concrete haunch in existing beams as shown in the plans.
3. Remove and Re-erect the existing steel railing and name plate in locations shown on plans.
4. Install 5" min. concrete wearing surface.
5. Remove all debris from under the bridge. Engineer shall verify actual areas.
6. Remove 24" and 54" CMP pipe, Install end sections in locations shown in Roadway Plans.
7. Fill existing scour hole with Stone Riprap, Class A3. See Roadway Plans.
8. Excavate channel and place Stone Riprap, Class A3 with Filter Fabric under bridge between abutments as shown in Roadway Plans.
9. Repair sidewalks, abutments and wingwalls as shown in Structural Plans.

INDEX OF SHEETS

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu Yd	0.6	0.4	1.0
Concrete Structures	Cu Yd		0.3	0.3
Bridge Deck Grooving	Sq Yd	196		196
Protective Coat	Sq Yd	259	3	262
Reinforcement Bars, Epoxy Coated	Pound	2880		2880
Bar Splicers	Each	35		35
Concrete Wearing Surface, 5"	Sq Yd	204		204
Bearing Pad Adjustment	Each	44		44
Removing and Re-Erecting Existing Railing	Foot	43		43
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq Ft	41	62	103
Structural Repair of Concrete (Depth Greater than 5 Inches)	Sq Ft	24	14	38
Debris Removal	L Sum			1
Silicone Joint Sealer, 1"	Foot	34		34
Keyway Repair	Foot	269		269
Hot-Mix Asphalt Surface Removal Complete	Foot	204		204

FILE NAME = O:\Engineering\LiveProjects\3803 IDOT DUR\3803a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-02-GNTBL.dgn

Accurate GROUP, INC.

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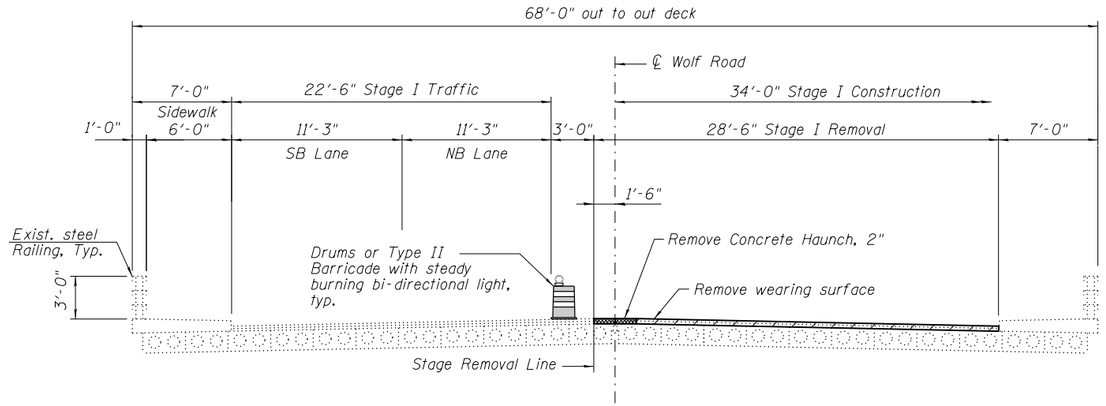
	CHECKED - JMT	REVISED
PLOT SCALE = 0.2 '/ in.	DRAWN - AB	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

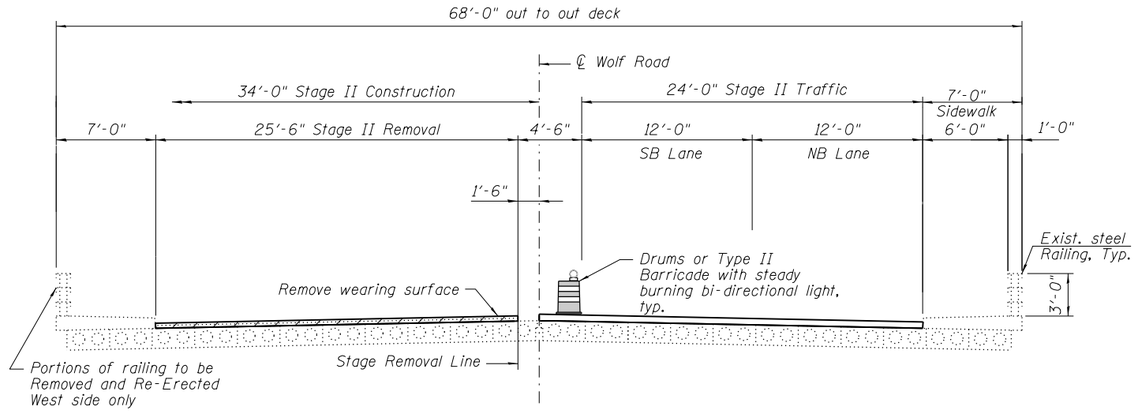
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND TOTAL BILL OF MATERIAL
STRUCTURE NO. 016-2009
SHEET NO. 2 OF 9 SHEETS

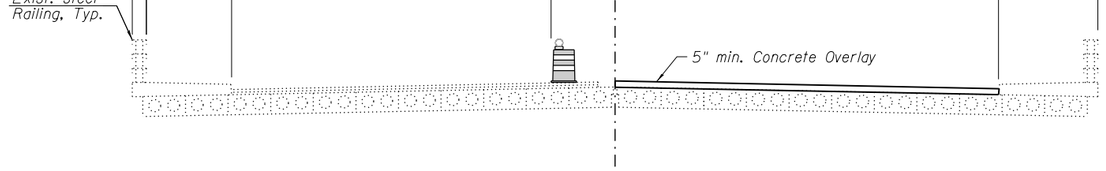
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	33
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



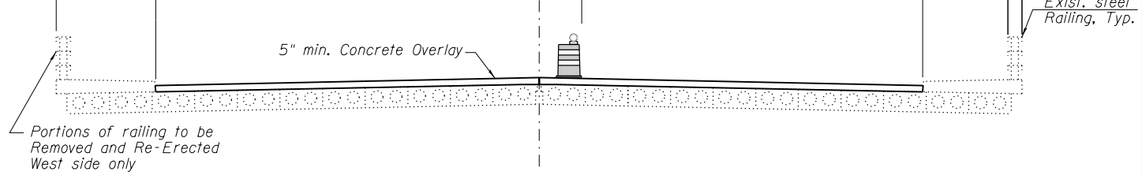
STAGE I - REMOVAL



STAGE II - REMOVAL



STAGE I - CONSTRUCTION



STAGE II - CONSTRUCTION

Notes:

Removal, storage and replacement of railings included in the cost of Removing and Re-Erecting Existing Railing.

See Sheet 6 of 9 for locations of Railing Removal.

All sections are looking North.

Removal of Concrete Haunch will be paid for as Concrete Removal. See Sheet 4 of 9.

LEGEND

Hot Mix Asphalt Surface Removal Complete

Remove Concrete Haunch, 2"

FILE NAME = G:\Engineering\LiveProjects\13803 IDOT DUR\13803a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-03-STGCON.dgn

Accurate GROUP, INC.

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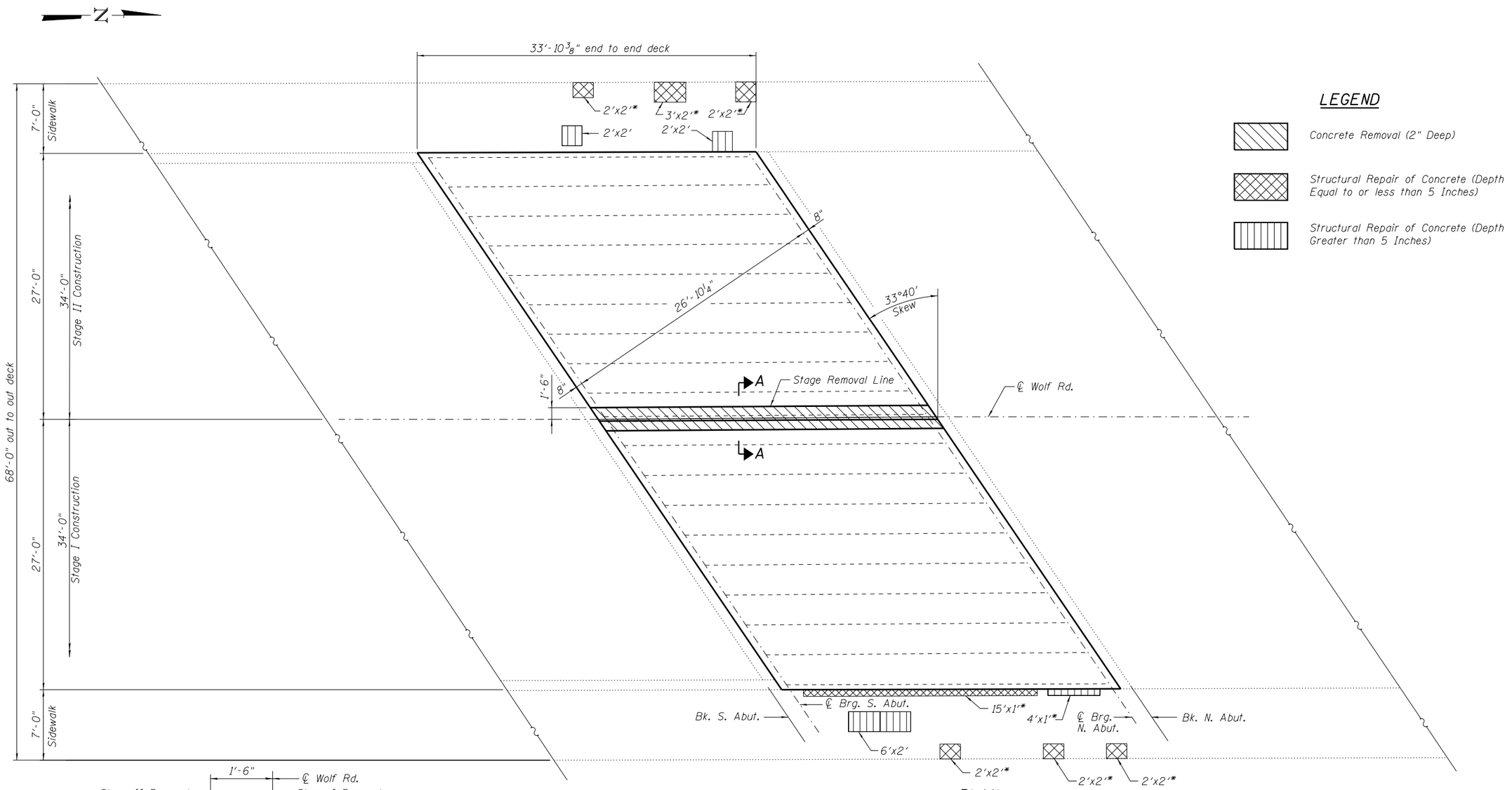
	CHECKED - JMT	REVISED
PLOT SCALE = 10.8 '' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 016-2009
SHEET NO. 3 OF 9 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	34
			CONTRACT NO. 60W53	
		ILLINOIS	FED. AID PROJECT	

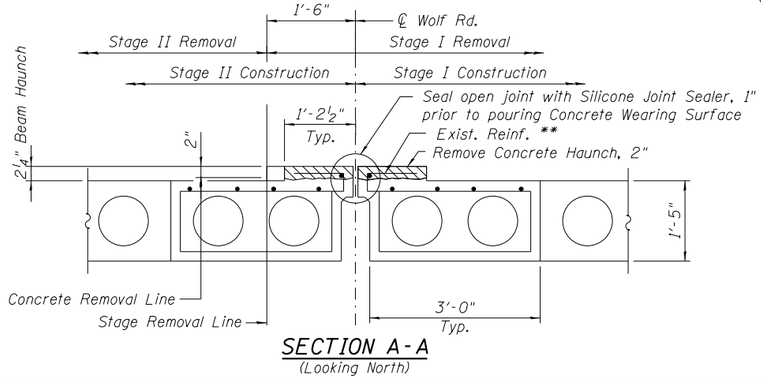


LEGEND

- Concrete Removal (2" Deep)
- Structural Repair of Concrete (Depth Equal to or less than 5 Inches)
- Structural Repair of Concrete (Depth Greater than 5 Inches)

PLAN

(Beams under sidewalk not shown for clarity)



SECTION A-A

(Looking North)

* Repairs extend onto vertical face of sidewalk.

** Existing reinforcement in beam haunch exposed during Concrete Removal shall be cut off flush and removed. Cost included with Concrete Removal.

Note:
Concrete Removal shall be performed using 15 lb. chipping hammers or hand tools according to Art. 501.05(a). The Contractor must exercise extreme care as to not damage the portion of the deck beams that are to remain. Any damage is to be repaired at the Contractor's expense to the satisfaction of the Engineer. Cost included in Concrete Removal.

BILL OF MATERIAL

Item	Unit	Total
Hot Mix Asphalt Surface Removal Complete	Sq. Yd.	204
Structural Repair of Concrete (Depth Equal to or less than 5 Inches)	Sq. Ft.	41
Structural Repair of Concrete (Depth Greater than 5 Inches)	Sq. Ft.	24
Concrete Removal	Cu. Yd.	0.6
Silicone Joint Sealer, 1"	Foot	34

FILE NAME = G:\Engineering\LiveProjects\3003 IDOT DUPA\3003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-04-DKSIDREP.dgn

Accurate GROUP, INC.

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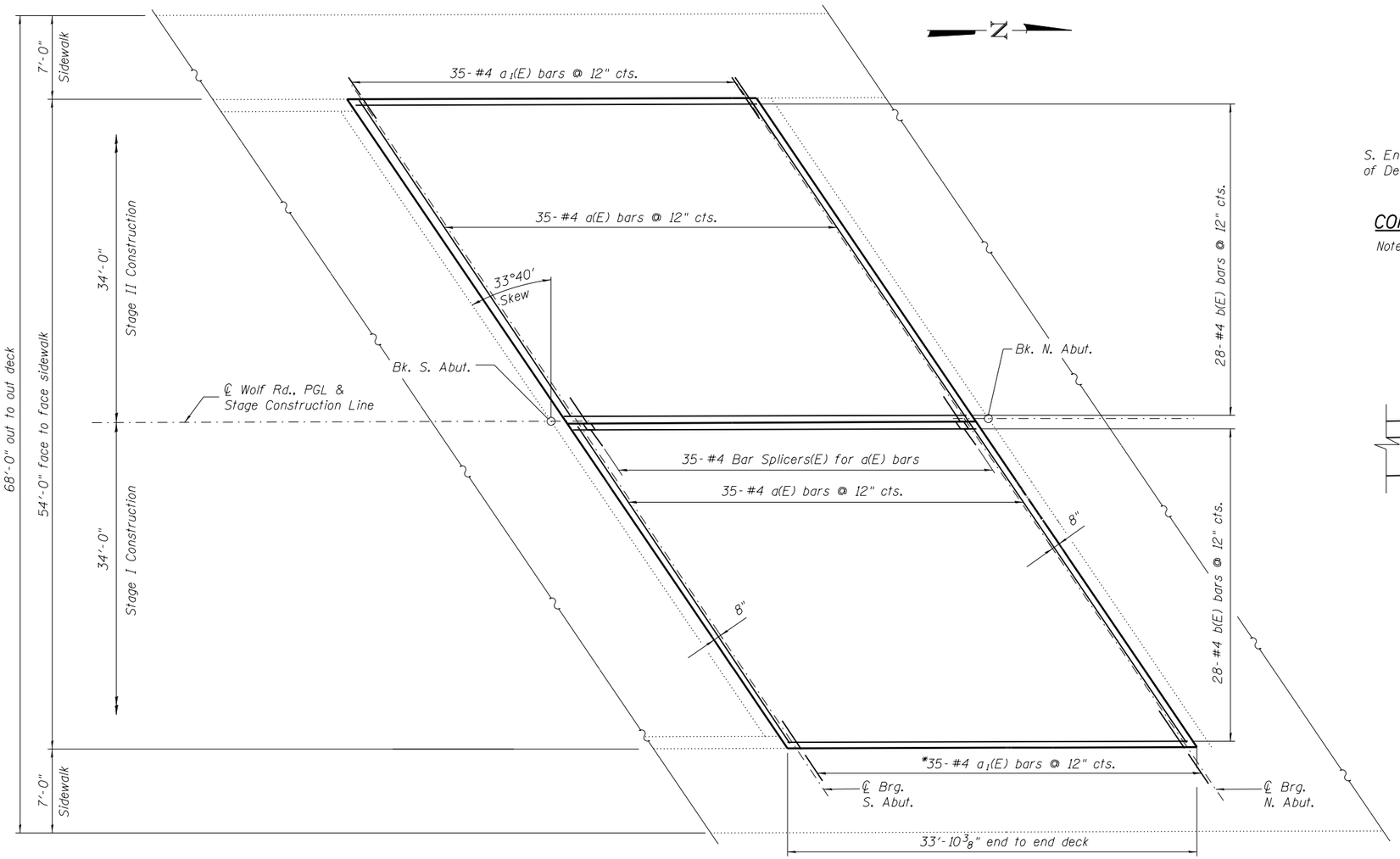
	CHECKED - JMT	REVISED
PLOT SCALE = 10.8 '' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

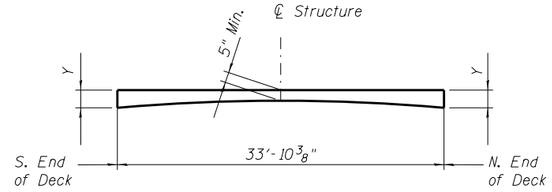
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK AND SIDEWALK REPAIR DETAILS
STRUCTURE NO. 016-2009
SHEET NO. 4 OF 9 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	35
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



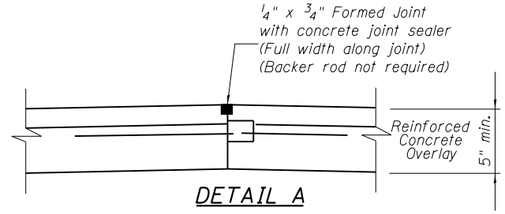
PLAN



CONCRETE WEARING SURFACE (CWS) PROFILE

Note: For overlay on top of the approach slabs see roadway plans.

Y = 5" + Estimated Camber
Estimated Camber = ± 1/2"
Y = ± 5 1/2"

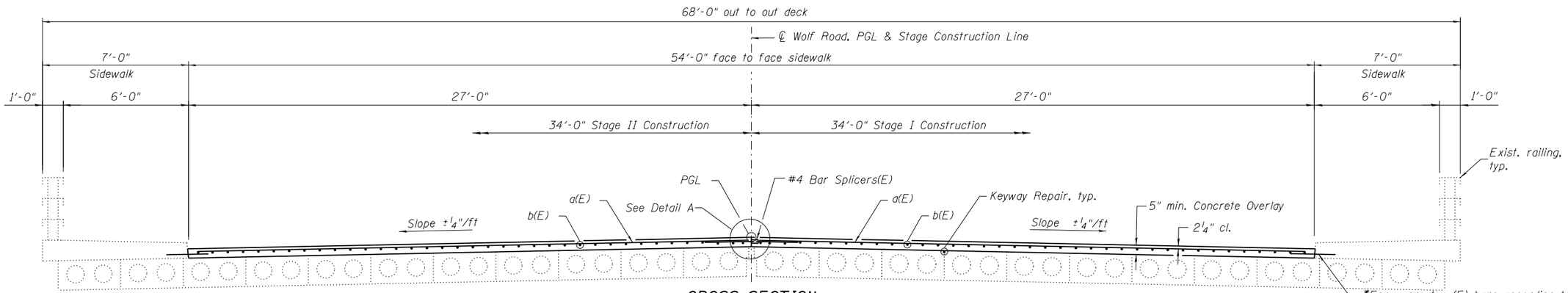


DETAIL A

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	70	#4	32'-1"	———
a_1(E)	70	#4	2'-6"	———
b(E)	56	#4	33'-6"	———
Item			Unit	Total
Bridge Deck Grooving			Sq. Yd.	196
Protective Coat			Sq. Yd.	259
Reinforcement Bars, Epoxy Coated			Pound	2880
Concrete Wearing Surface, 5"			Sq. Yd.	204
Keyway Repair			Foot	269
Bearing Pad Adjustment			Each	44

Note:
Keyway Repair is an estimate only. The Engineer is to determine the actual quantity after the HMA surface is removed and show on the As-Built Plans.



CROSS SECTION
(Looking North)

*Epoxy grout a_1(E) bars according to Article 584 of the Standard Specifications, typ. Cost of Grout included with the cost of Concrete Wearing Surface.

FILE NAME = G:\Engineering\LivePrograms\13003 IDOT DuPr\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-05-DECPLN.dgn

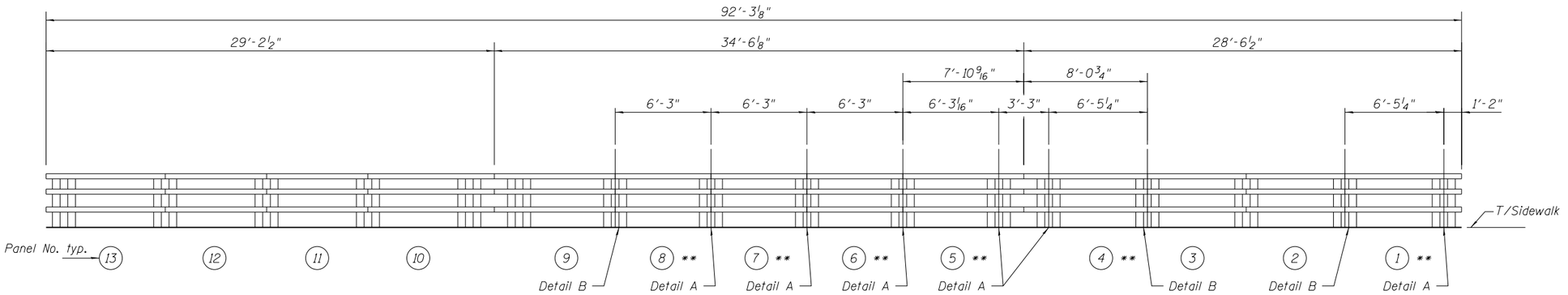
Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - PP	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE = 10.8 '/ in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK OVERLAY PLAN AND CROSS SECTION
STRUCTURE NO. 016-2009
SHEET NO. 5 OF 9 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	36
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

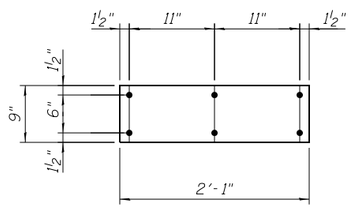


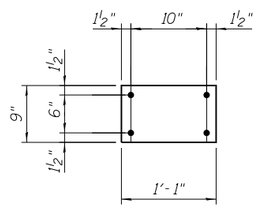
Note: Existing posts which are not labeled as Detail A or Detail B will not be removed and re-erected.

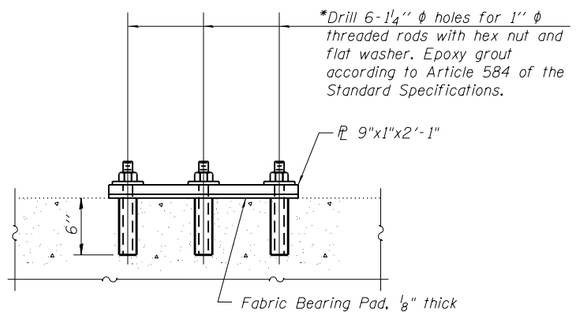
** Remove and re-erect existing railing

ELEVATION WEST RAILING

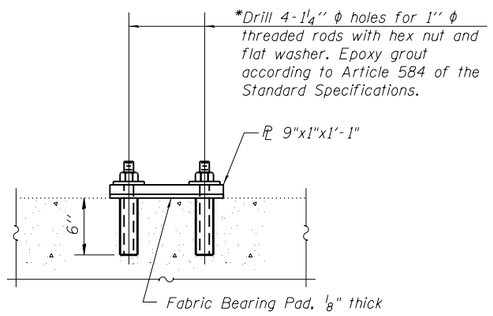
(Looking East)







DETAIL A



DETAIL B

ANCHORAGE DETAILS

* Drilled holes for existing Sidewalk

Notes:

Bolts, cap screws and nuts shall conform to the requirements of ASTM designation A307 except for high strength bolts, nuts and washers noted which shall conform to AASHTO M164.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized according to AASHTO M232.

The lower portion of the post flange in contact with concrete shall receive two coats of asphalt paint conforming to Section 1060.07 Type II or place new 1/8" fabric bearing pad between the post and concrete. Fabric bearing pads shall meet the requirements of Article 1082.01 of the Standard Specifications.

Removal and re-erection of the existing railing shall be accomplished in a manner that will avoid scratching, denting or other damage that may affect the durability or appearance of the railing. Contractor will be responsible for the repair in case of any damage.

The length paid for will be the overall length along the rail from end to end, in place, at the location of re-erection.

This work will be paid for at the contract unit price per foot for Removing and Re-erecting Existing Railing, which price shall include removal, temporary storage, re-erection, asphalt paint or new bearing pads, shims and all new hardware required to satisfactorily complete the work.

BILL OF MATERIAL

Item	Unit	Total
Removing and Re-erecting Existing Railing	Foot	43

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUN\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-06-DKOVRAIL.dgn

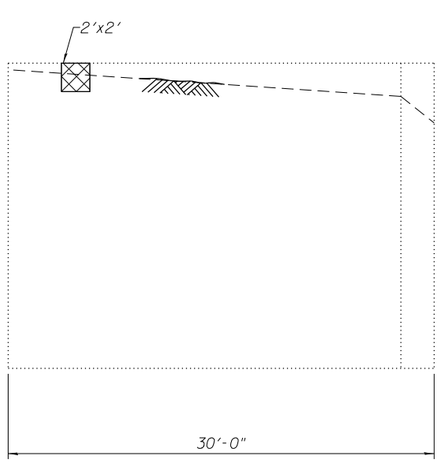
Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - PP	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE = 8.0 '' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

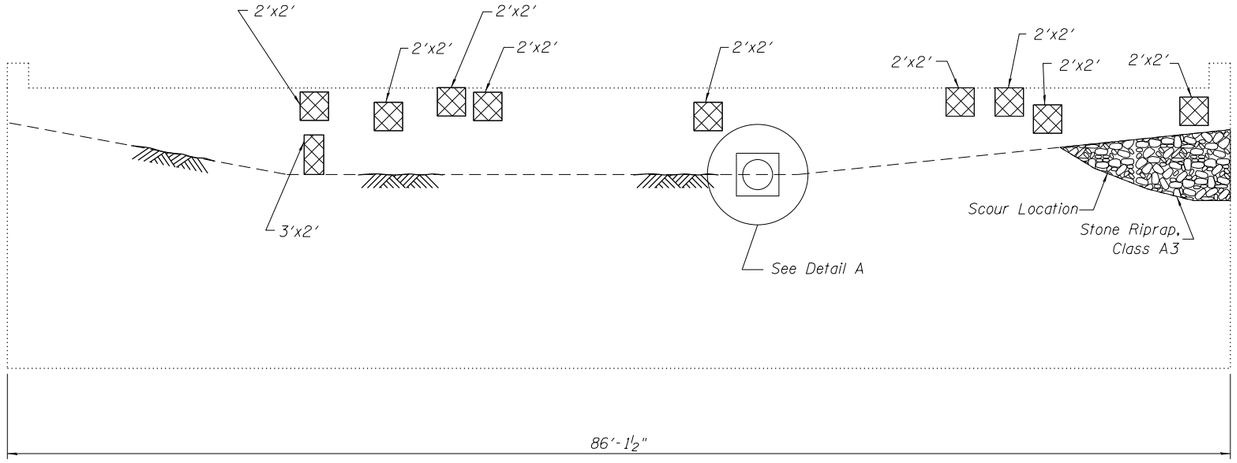
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILING DETAILS
STRUCTURE NO. 016-2009
SHEET NO. 6 OF 9 SHEETS

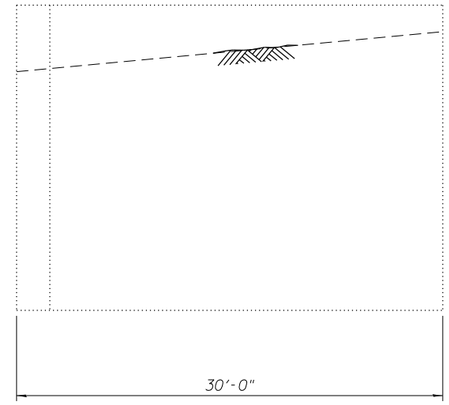
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	37
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		



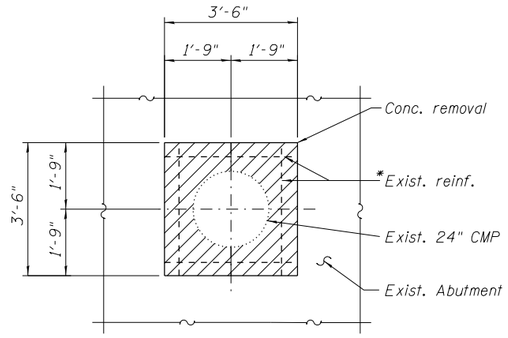
NW WING ELEVATION



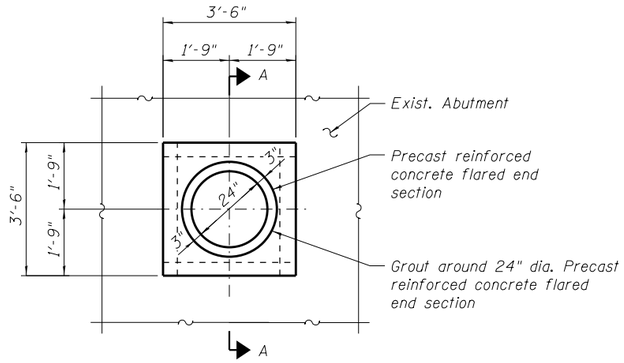
NORTH ABUTMENT ELEVATION



NE WING ELEVATION

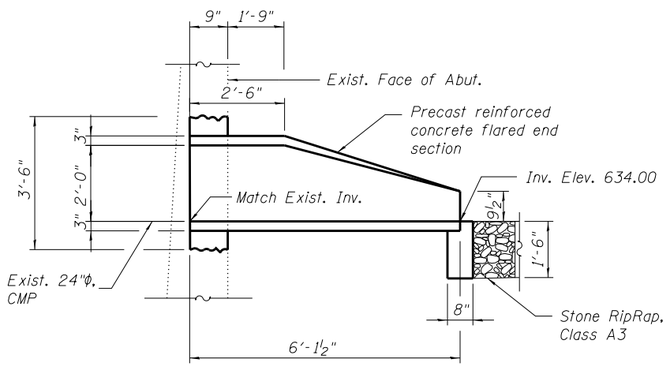


EXISTING



PROPOSED

DETAIL A



SECTION A-A

* Existing reinforcement bars extending into the concrete removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

LEGEND

Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)

Concrete Removal

NORTH ABUTMENT & WINGWALLS BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	0.3
Concrete Structures	Cu. Yd.	0.2
Protective Coat	Sq. Yd.	2
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	46

NOTES:

Protective Coat shall be applied to the new concrete on face of abutment around the precast end section.

Stone Riprap, Class A3 included in Roadway Plans.

FILE NAME = Q:\Engineering\LiveProjects\13803 IDOT DUN\13803a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-07-NABTREP.dgn

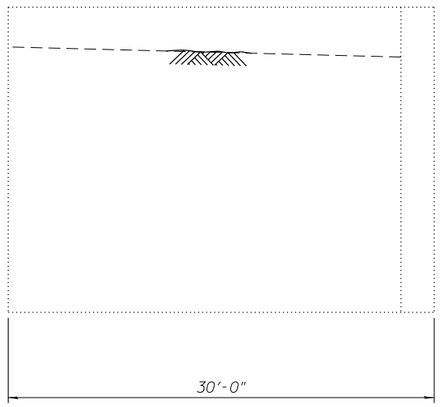
Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - PP	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE = 10ø8 '1' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

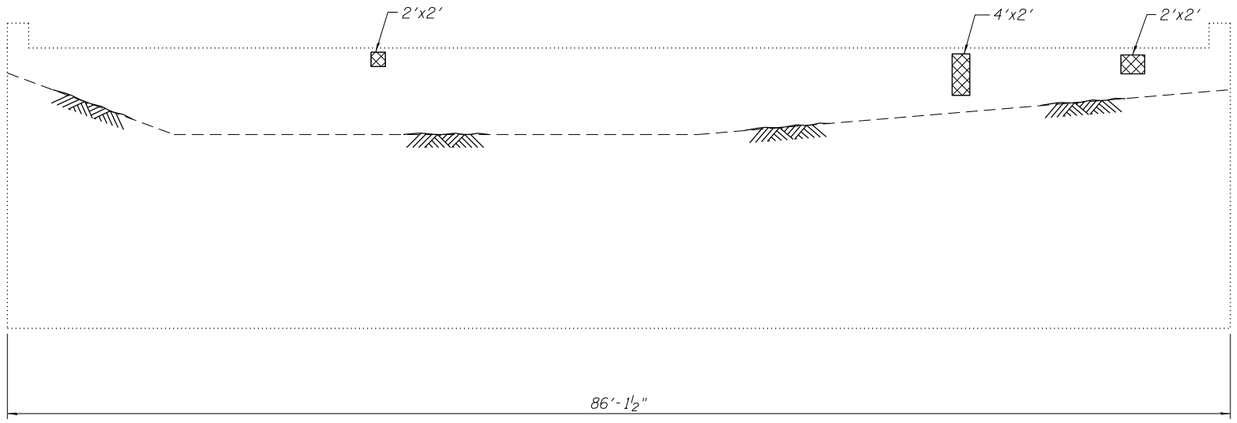
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT AND WINGWALL REPAIRS
STRUCTURE NO. 016-2009
SHEET NO. 7 OF 9 SHEETS

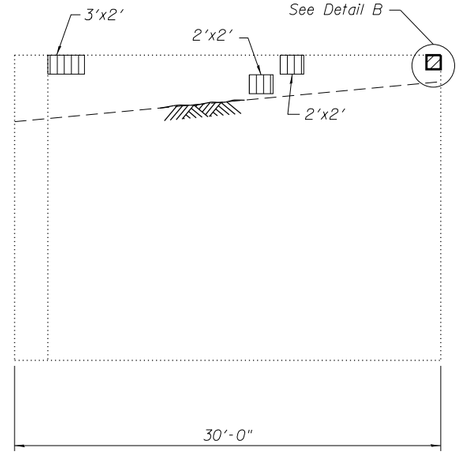
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	38
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



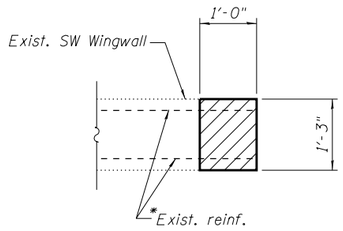
SE WING ELEVATION



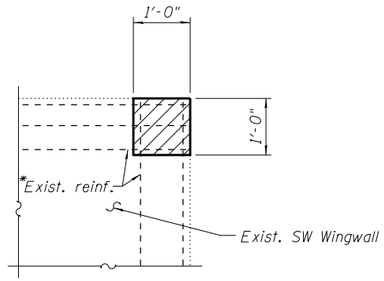
SOUTH ABUTMENT ELEVATION



SW WING ELEVATION



PLAN



ELEVATION

DETAIL B

To be paid for as Concrete Removal and Concrete Structures

* *Existing reinforcement bars extending into the concrete repair area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.*

LEGEND

- Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)
- Structural Repair of Concrete (Depth Greater Than 5 Inches)
- Concrete Removal

SOUTH ABUTMENT & WINGWALLS BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	0.1
Concrete Structures	Cu. Yd.	0.1
Protective Coat	Sq. Yd.	1
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	16
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	14

NOTES:

Protective Coat shall be applied to the new concrete on the face and top of SW wingwall.

FILE NAME = G:\Engineering\LivePrograms\13003 IDOT DUPA\13003a - WO 1 Contract No. 60W53\CADD\CADD Sheets\Structural\016-2009-60W53-00-SABTREP.dgn

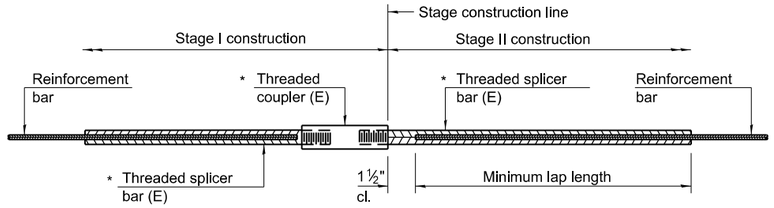
Accurate GROUP, INC.

USER NAME = dheyden	DESIGNED - AB	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE = 10.0 '' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT AND WINGWALL REPAIRS
STRUCTURE NO. 016-2009
SHEET NO. 8 OF 9 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	39
		CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

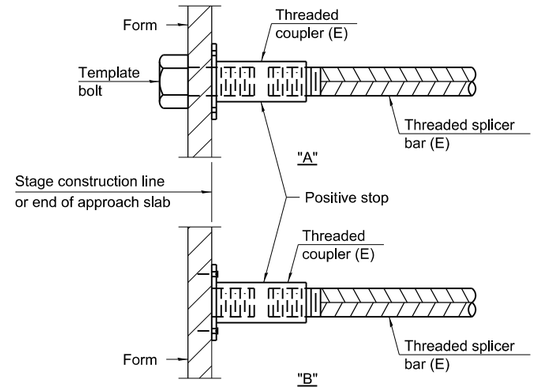


STANDARD BAR SPLICER ASSEMBLY

Threaded splicer bar length = min. lap length + 1 ½" + thread length

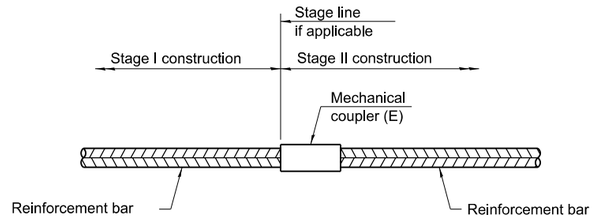
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Conc. Wearing Surface	#4	35	2'-5"



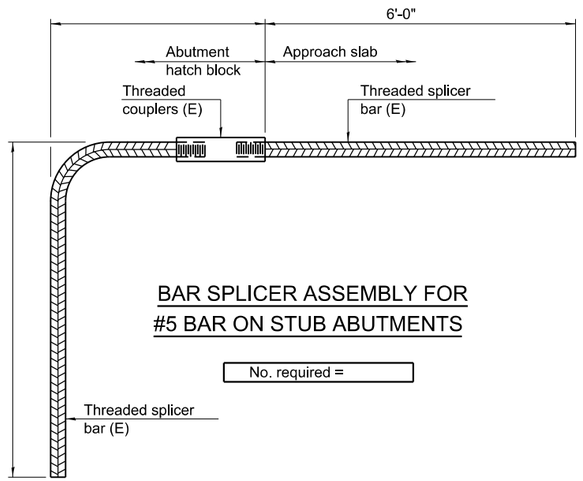
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

2-17-2017

Accurate GROUP, INC.

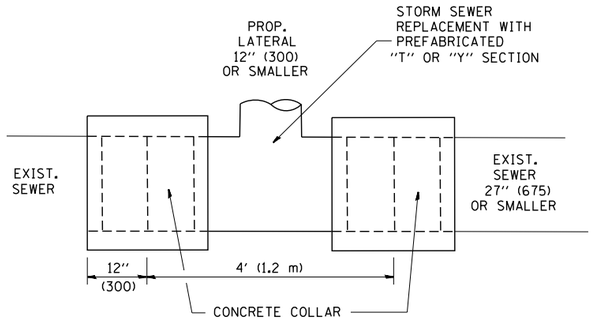
USER NAME = dheyden	DESIGNED - PP	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE = 0:2.0000 '' / in.	DRAWN - JN	REVISED
PLOT DATE = 3/12/2018	CHECKED - JMT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 016–2009
SHEET NO. 9 OF 9 SHEETS

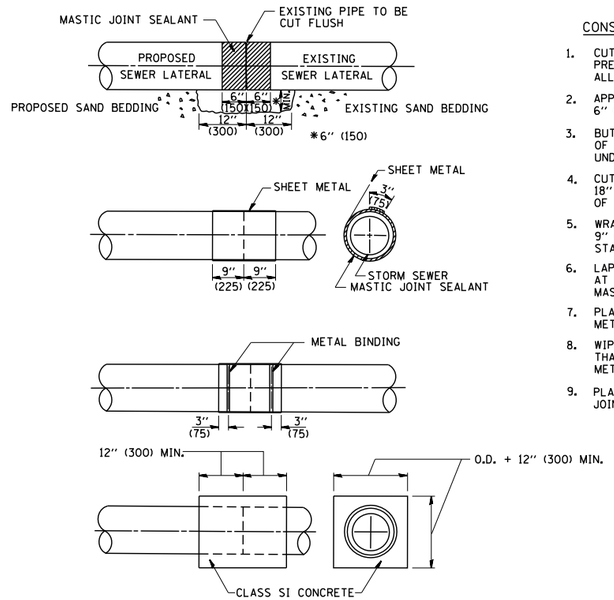
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	40
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		

FILE NAME = Q:\Engineering\LiveProjects\13003 IDOT DUR\13003a - WO 1 Contract No. 60W53\CADD\C400 Sheets\Structural\016-2009-60W53-01-BARSPLIC.dgn



DETAIL "A"

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

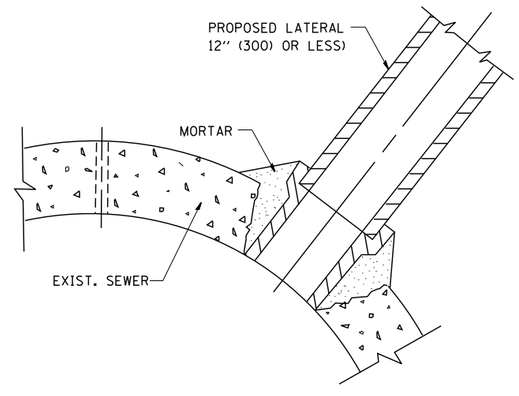


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

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



DETAIL "C"

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

NOTES

MATERIAL

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

CONSTRUCTION METHODS

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

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

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

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

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

GENERAL

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

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

BASIS OF PAYMENT

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

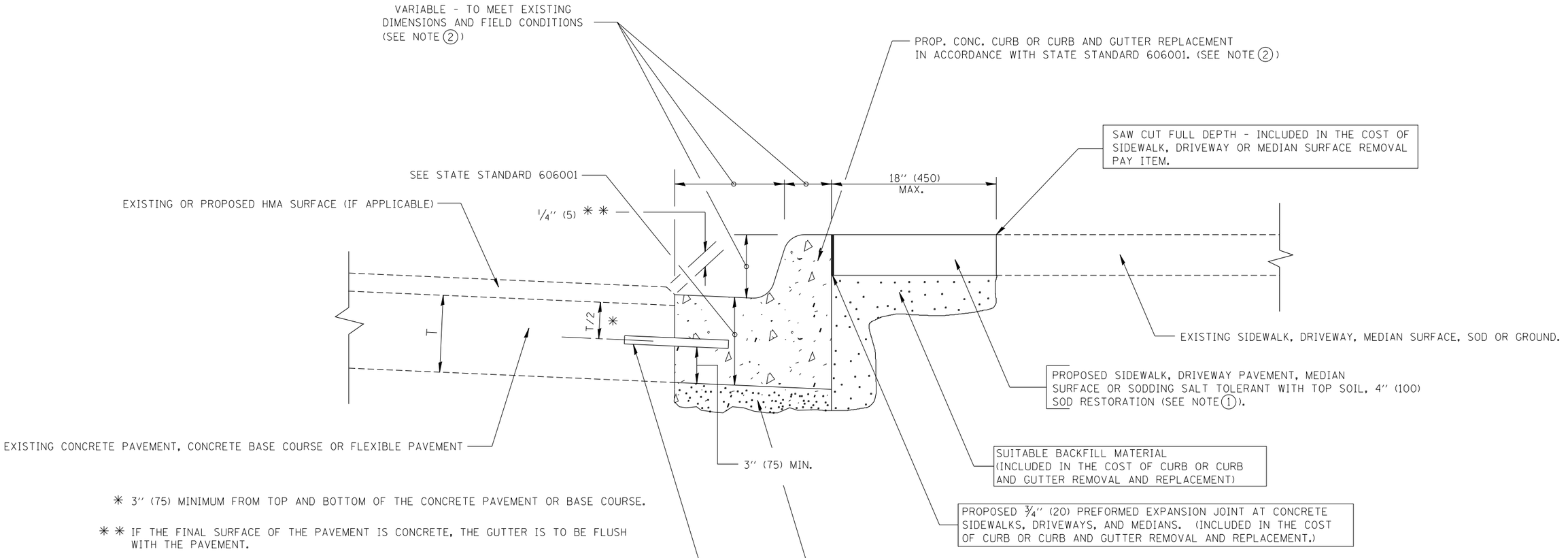
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

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

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

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

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER**			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 09-09-94					2691	3434.1-BR(13)	COOK	58	41
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94						BD500-01 (BD-7)		CONTRACT NO. 60W53	
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



* 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.

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.

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.

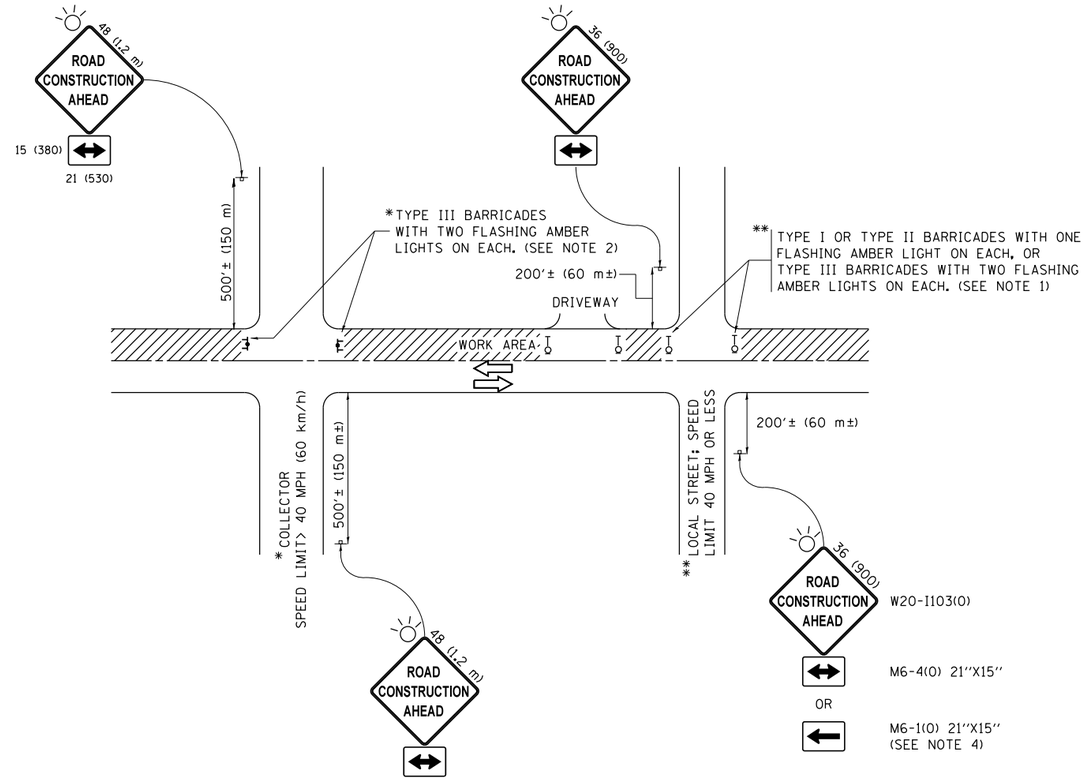
FILE NAME = c:\pw_work\pwidot\drivakosgn\d0108315\bd24.dgn	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR (13)	COOK	58	42
	BD600-06 (BD-24)	CONTRACT NO. 60W53		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

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

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

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			REVISED -T. RAMMACHER 01-06-00
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Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	43
	TC-10	CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

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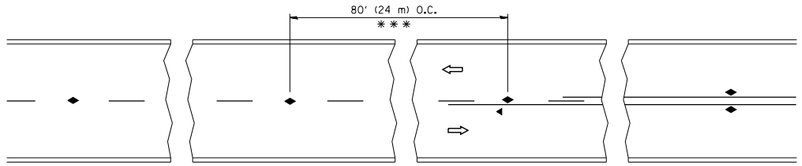
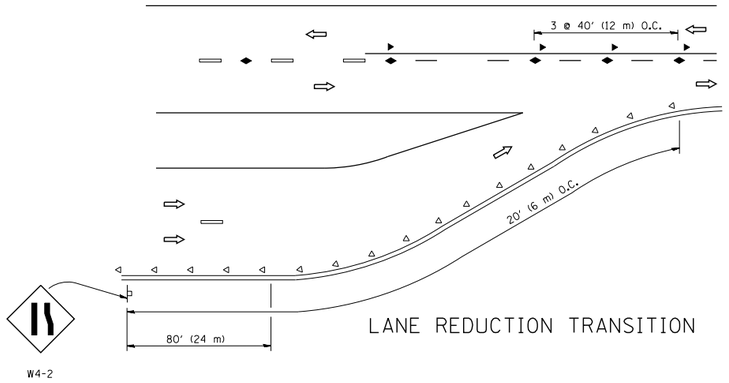
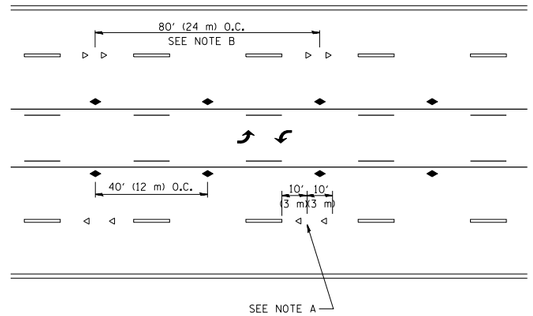


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

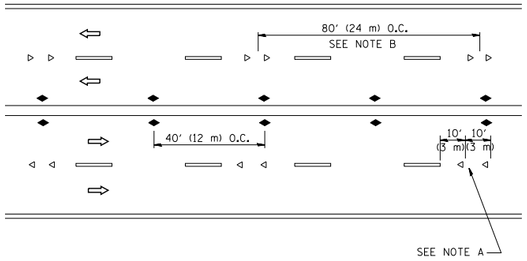
TWO-LANE/TWO-WAY



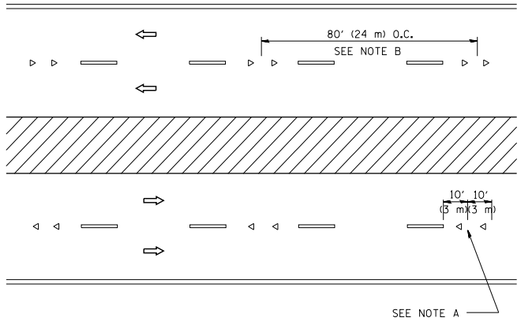
LANE REDUCTION TRANSITION



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

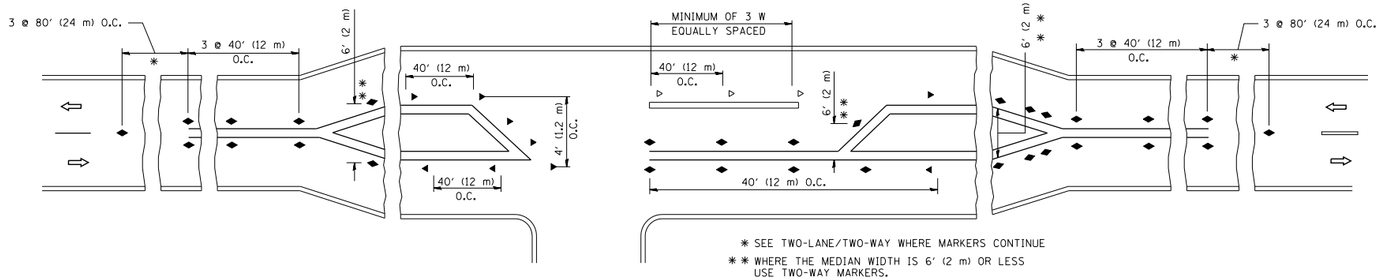
LANE MARKER NOTES

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.



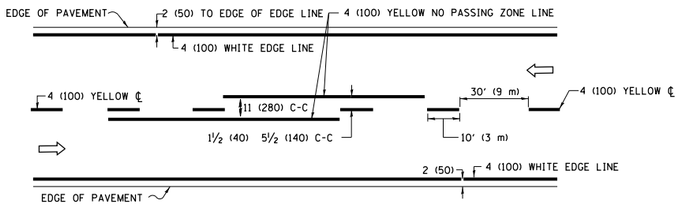
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

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

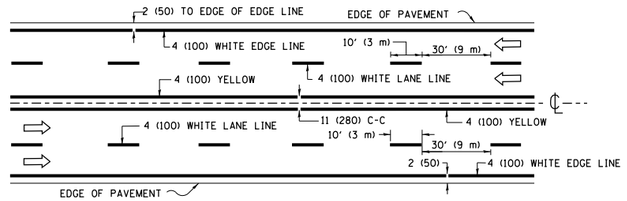
LEFT TURN

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

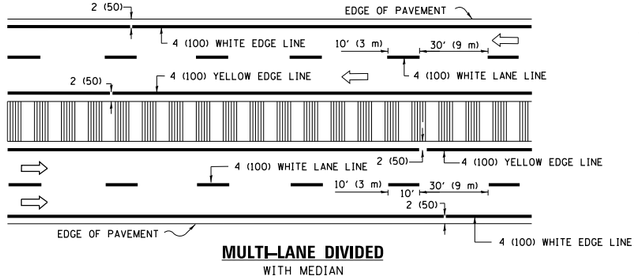
FILE NAME = c:\pw_work\pwidot\leysa\d0108315\tc11.dgn	USER NAME = leysa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 03-12-99			2691	3434.1-BR(13)	COOK	58	44
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00				**TC-11**		CONTRACT NO. 60W53	
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2–LANE ROADWAY

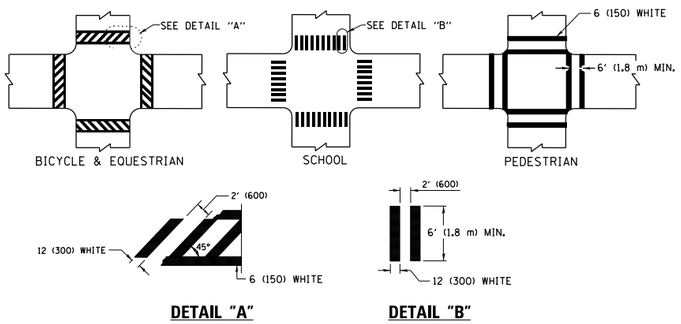


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

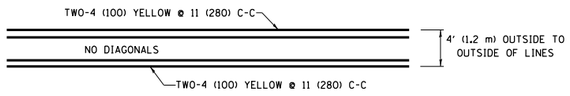
TYPICAL LANE AND EDGE LINE MARKING



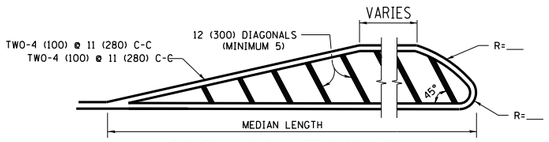
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



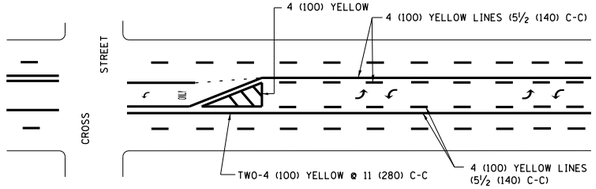
4' (1.2 m) WIDE MEDIANS ONLY



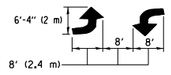
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

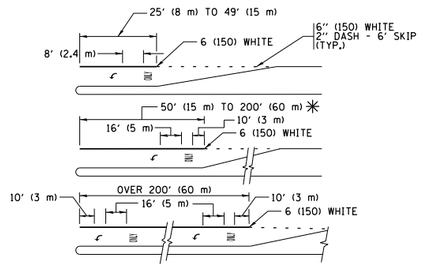


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

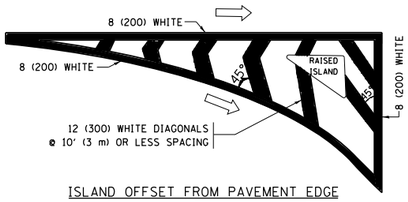


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

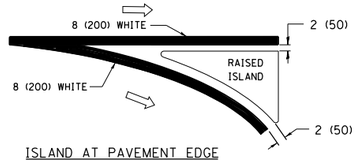
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

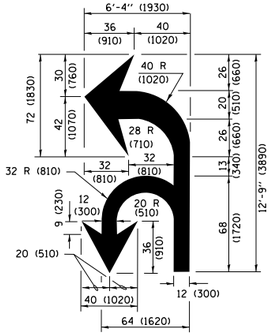


ISLAND OFFSET FROM PAVEMENT EDGE

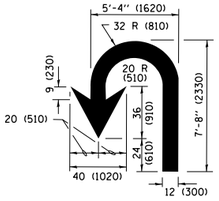


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

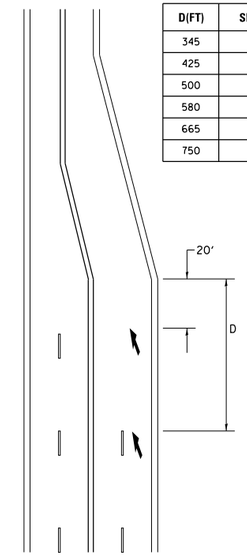


COMBINATION LEFT AND U–TURN



U–TURN

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



LANE REDUCTION TRANSITION

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

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

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

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\Drawn\CADData\CADsheets\tcl3.dgn Default	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
			REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	45
	TC–13	CONTRACT NO. 60W53		
		ILLINOIS FED. AID PROJECT		

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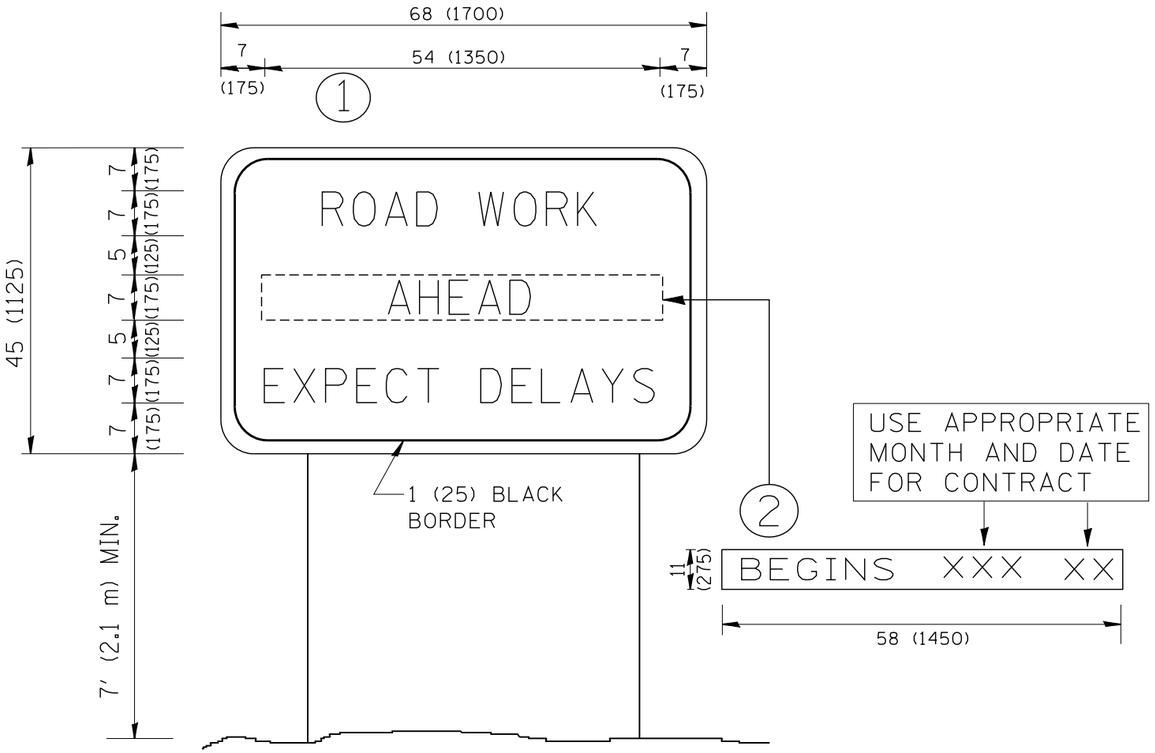

NOTES:

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
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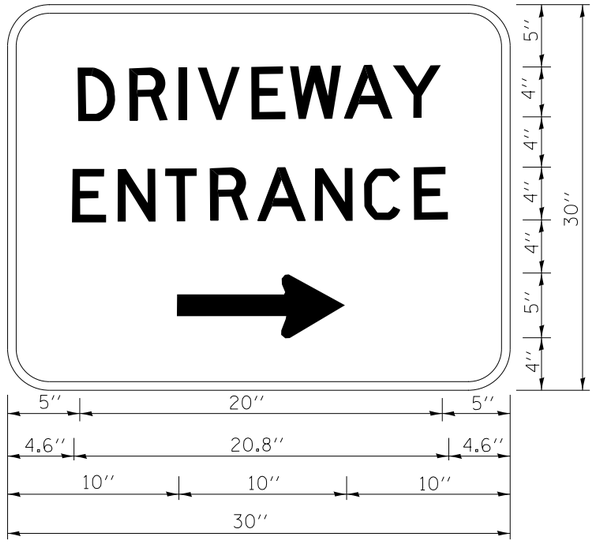
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR (13)	COOK	58	46
	TC-22	CONTRACT NO. 60W53		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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''.

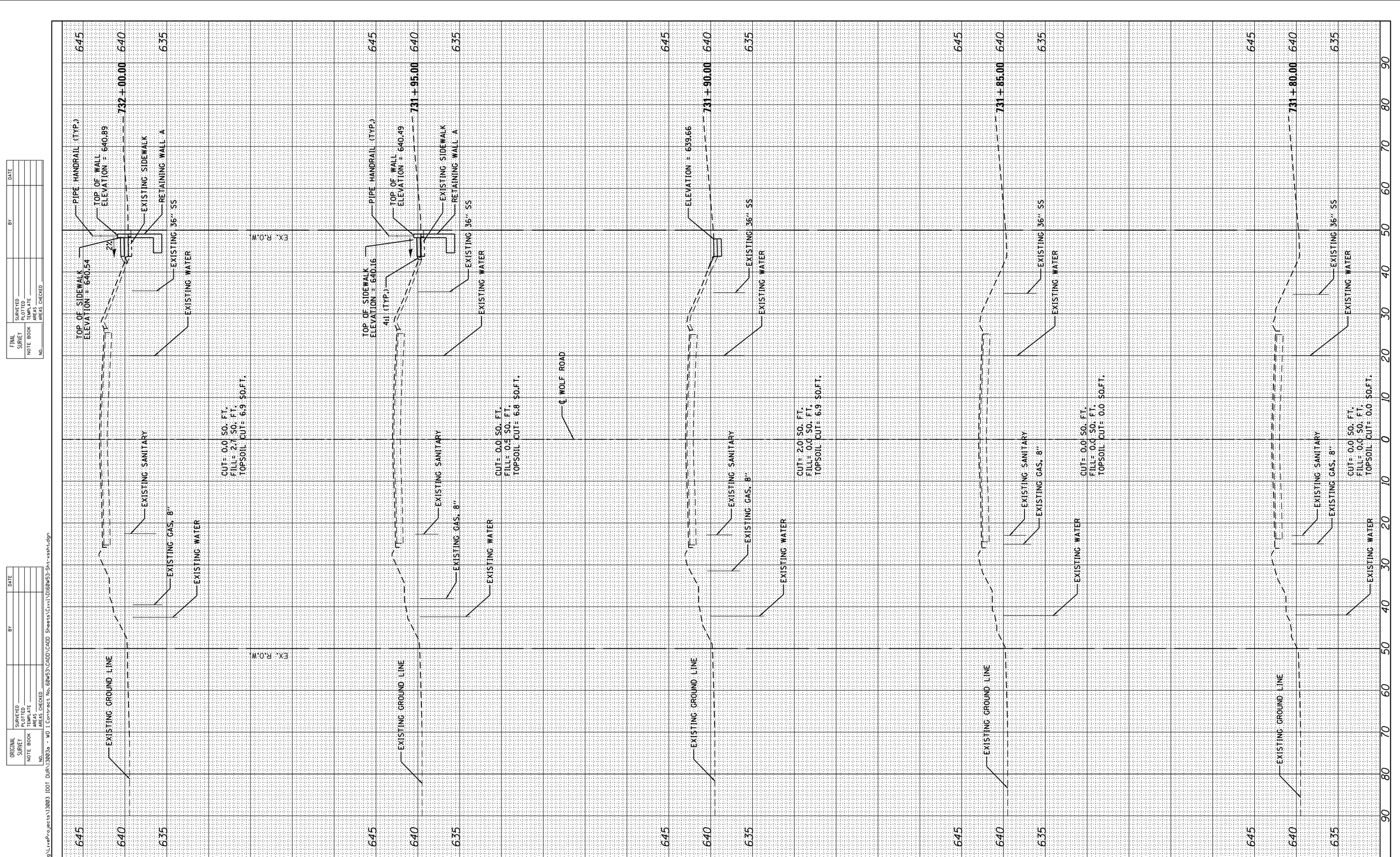
FILE NAME = c:\pw_work\pwidot\gaglianobt\d0108315\tc26.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 '/ in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

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.
2691	3434.1-BR(13)	COOK	58	47
	TC-26	CONTRACT NO. 60W53		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO.

	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK — NO.

	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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Accurate GROUP, INC.

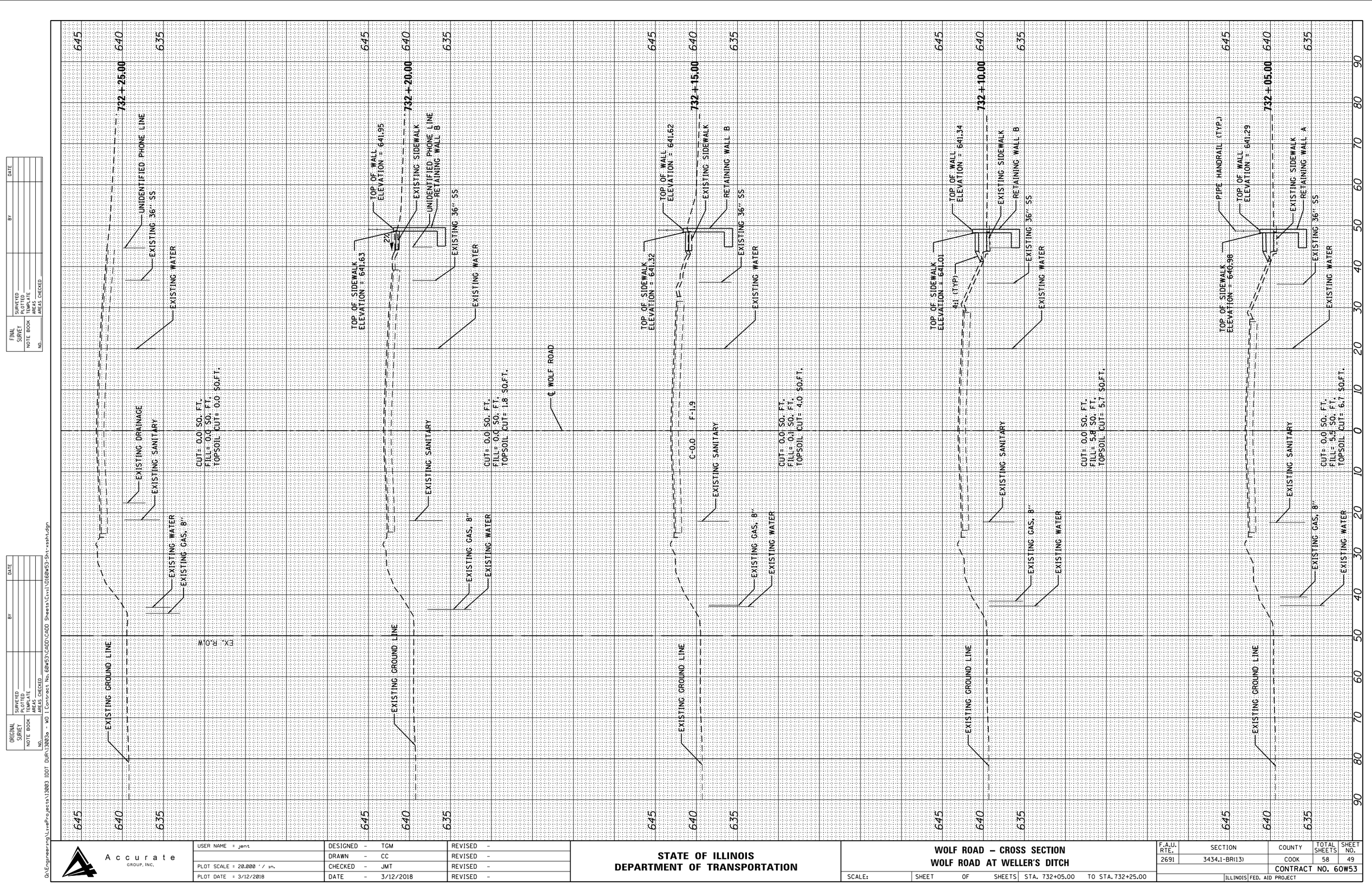
USER NAME = jent	DESIGNED - TGM	REVISED -
	DRAWN - CC	REVISED -
PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOLF ROAD – CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 731+80.00 | TO STA. 732+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	48
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			



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

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

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Accurate GROUP, INC.

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	DRAWN - CC	REVISED -
PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOLF ROAD – CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 732+05.00 TO STA. 732+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	49
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

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

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

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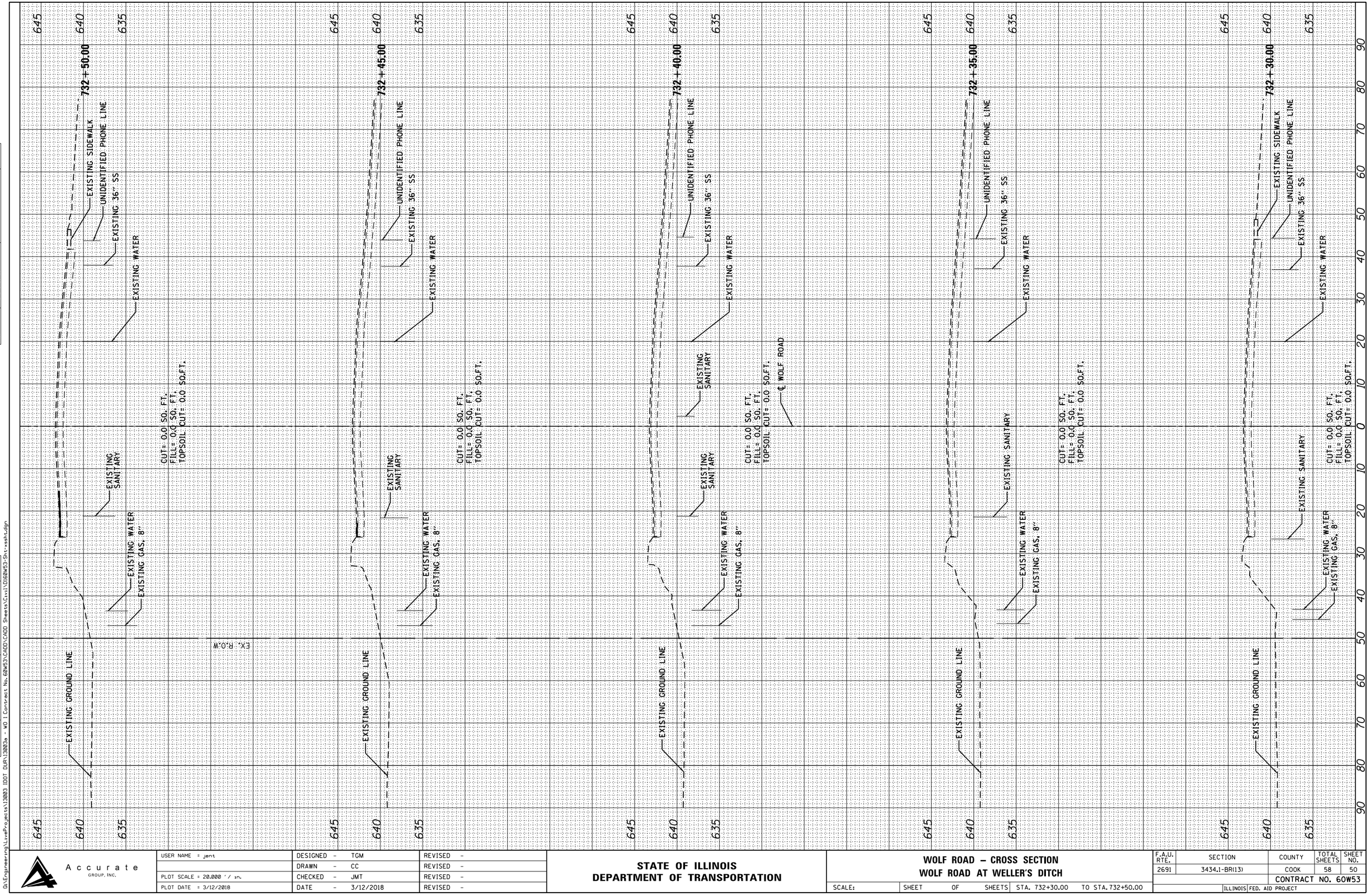

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		DRAWN - CC	REVISED -
	PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -
	PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOLF ROAD – CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 732+30.00 | TO STA. 732+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	50
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		

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

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

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Accurate GROUP INC.

USER NAME = jamt

PLOT SCALE = 20.000 ' / in.

PLOT DATE = 3/12/2018

	DESIGNED	-	TGM
	DRAWN	-	CC
	CHECKED	-	JMT
DATE	-	3/12/2018	

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

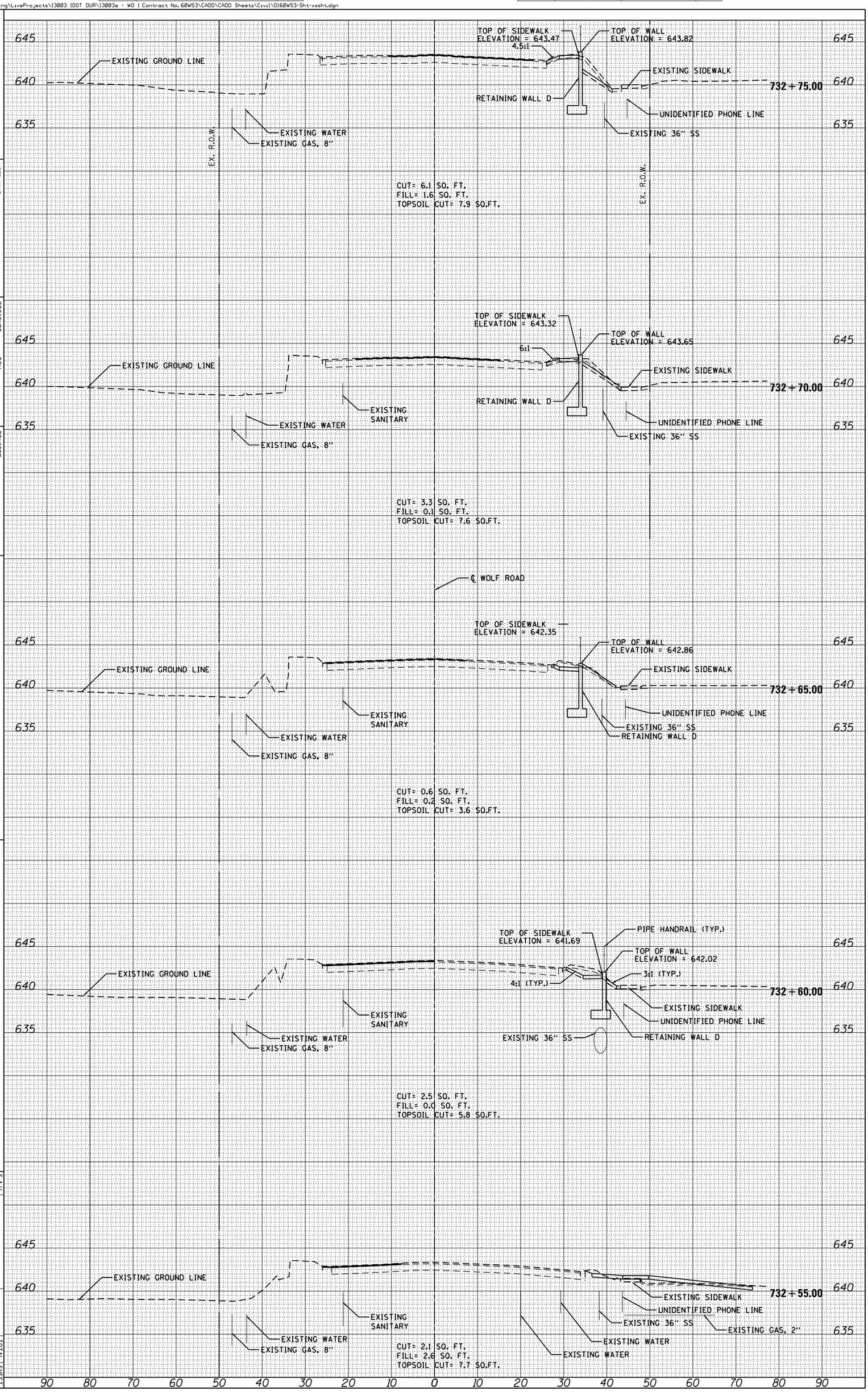
WOLF ROAD - CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

SCALE: 1

SHEET OF SHEETS STA. 732+55.00 TO STA. 732+75.00

F.A.U. RTE. 2691 | SECTION 343A,I,BR(13) | COUNTY COOK | TOTAL SHEETS 58 | SHEET NO. 51

ILLINOIS FED. AID PROJECT | CONTRACT NO. 60W53



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	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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	AREAS CHECKED		

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Accurate GROUP INC.

USER NAME = jamt
PLOT SCALE = 20.000 ' / in.
PLOT DATE = 3/12/2018

DESIGNED	-	TGM
DRAWN	-	CC
CHECKED	-	JMT
DATE	-	3/12/2018

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOLF ROAD - CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

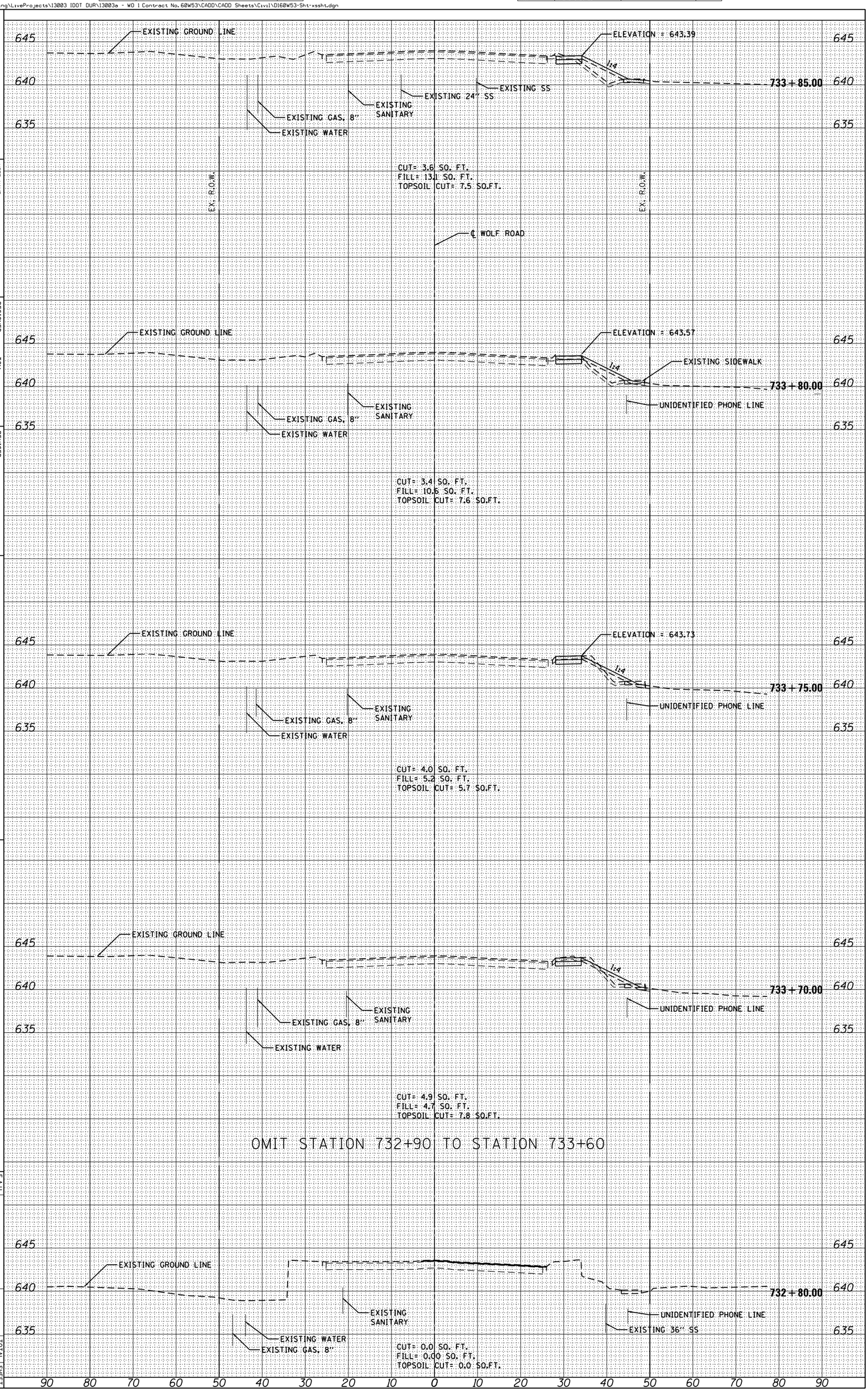
SCALE: 1

SHEET OF SHEETS STA. 732+80.00 TO STA. 733+85.00

F.A.U. RTE. 2691 | SECTION 343A,I,BR(13) | COUNTY COOK | TOTAL SHEETS 58 | SHEET NO. 52

ILLINOIS FED. AID PROJECT

CONTRACT NO. 60W53



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

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

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Accurate GROUP INC.

USER NAME = jmt
PLOT SCALE = 20.000 ' / in.
PLOT DATE = 3/12/2018

DESIGNED	-	TGM
DRAWN	-	CC
CHECKED	-	JMT
DATE	-	3/12/2018

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOLF ROAD - CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

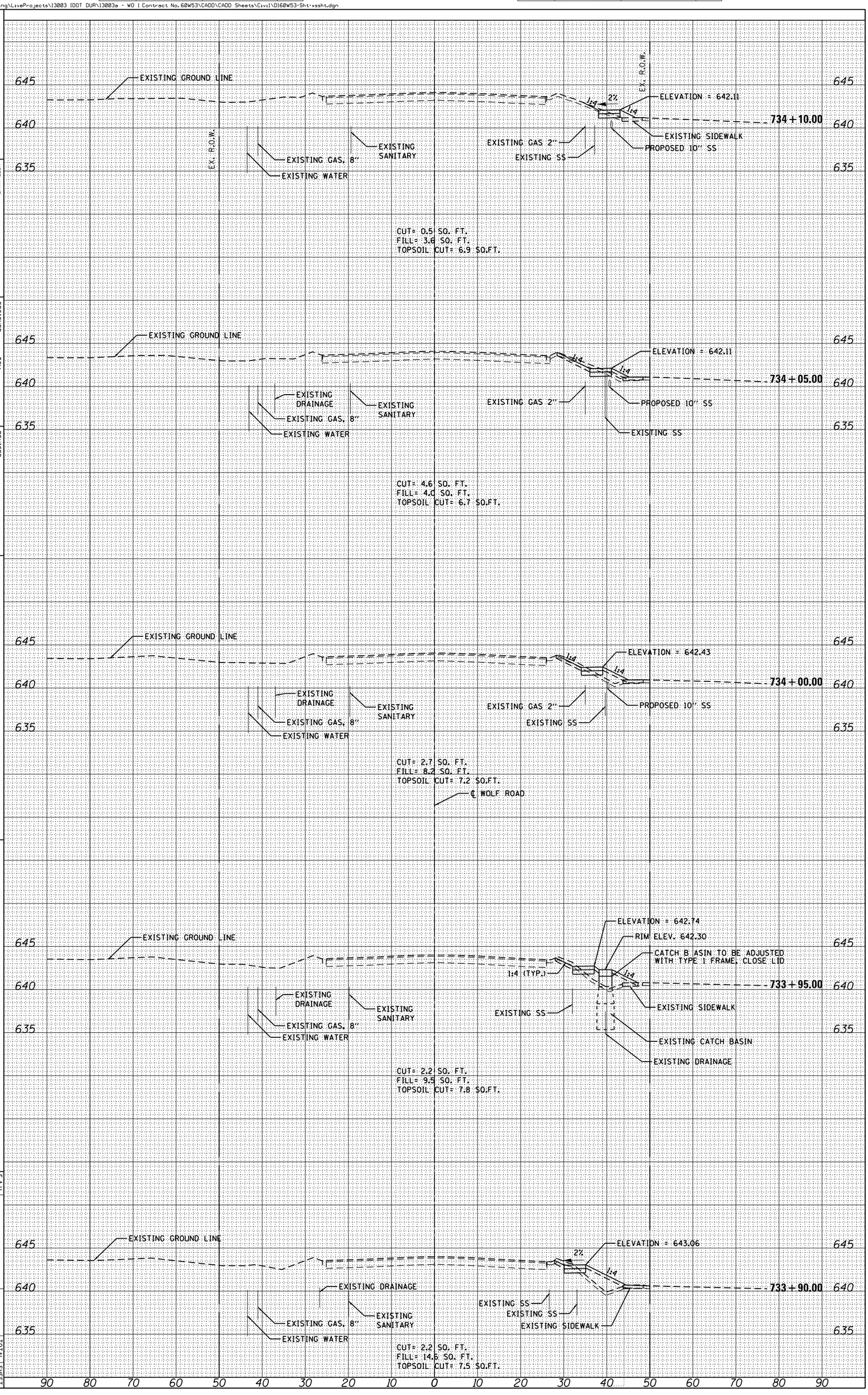
SCALE: 1

SHEET OF SHEETS STA. 733+90.00 TO STA. 734+10.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1.BR(13)	COOK	58	53

ILLINOIS FED. AID PROJECT

CONTRACT NO. 60W53



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

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

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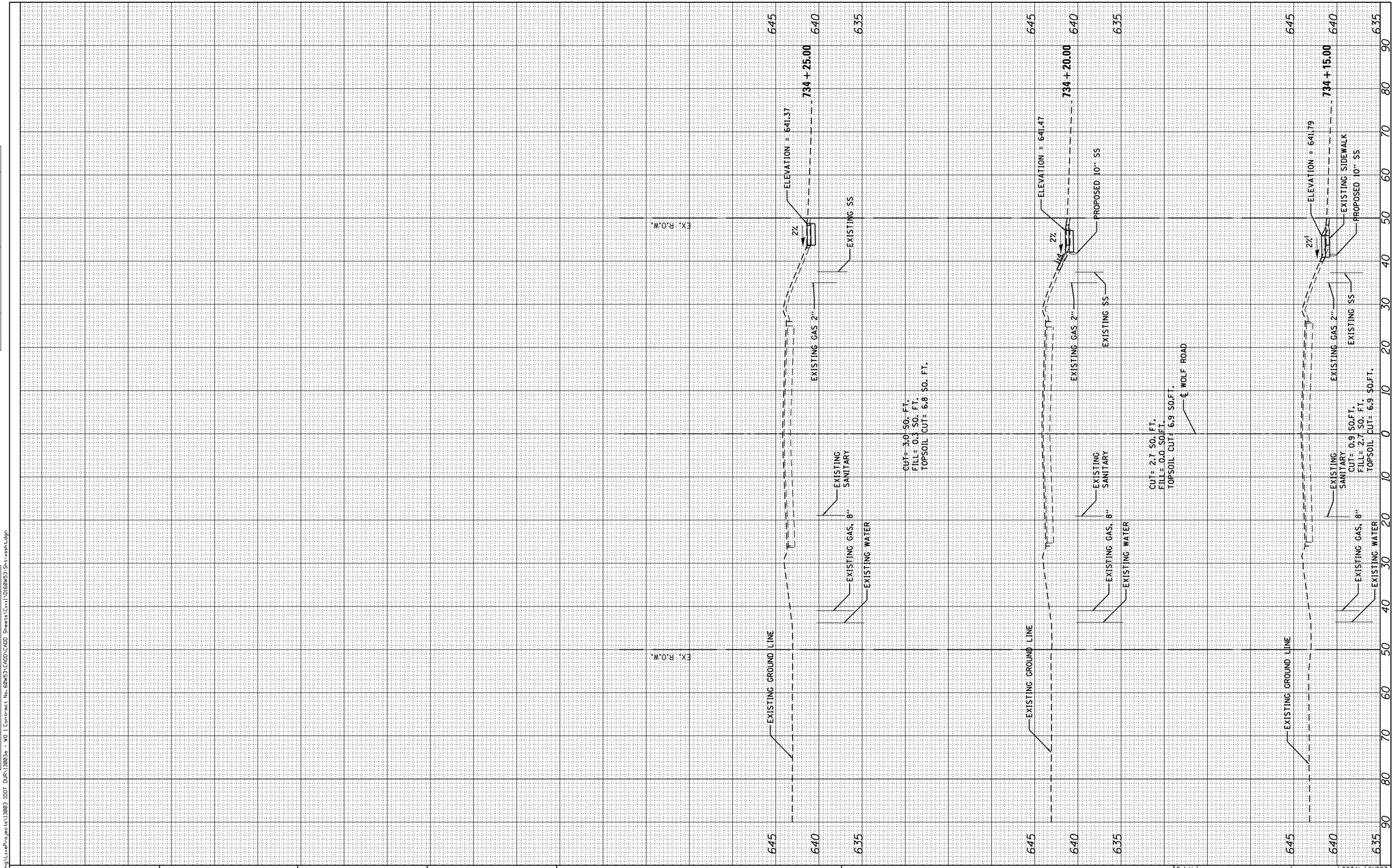

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PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -	
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -	

Accurate GROUP, INC.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOLF ROAD – CROSS SECTION
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 734+15.00 | TO STA. 734+25.00

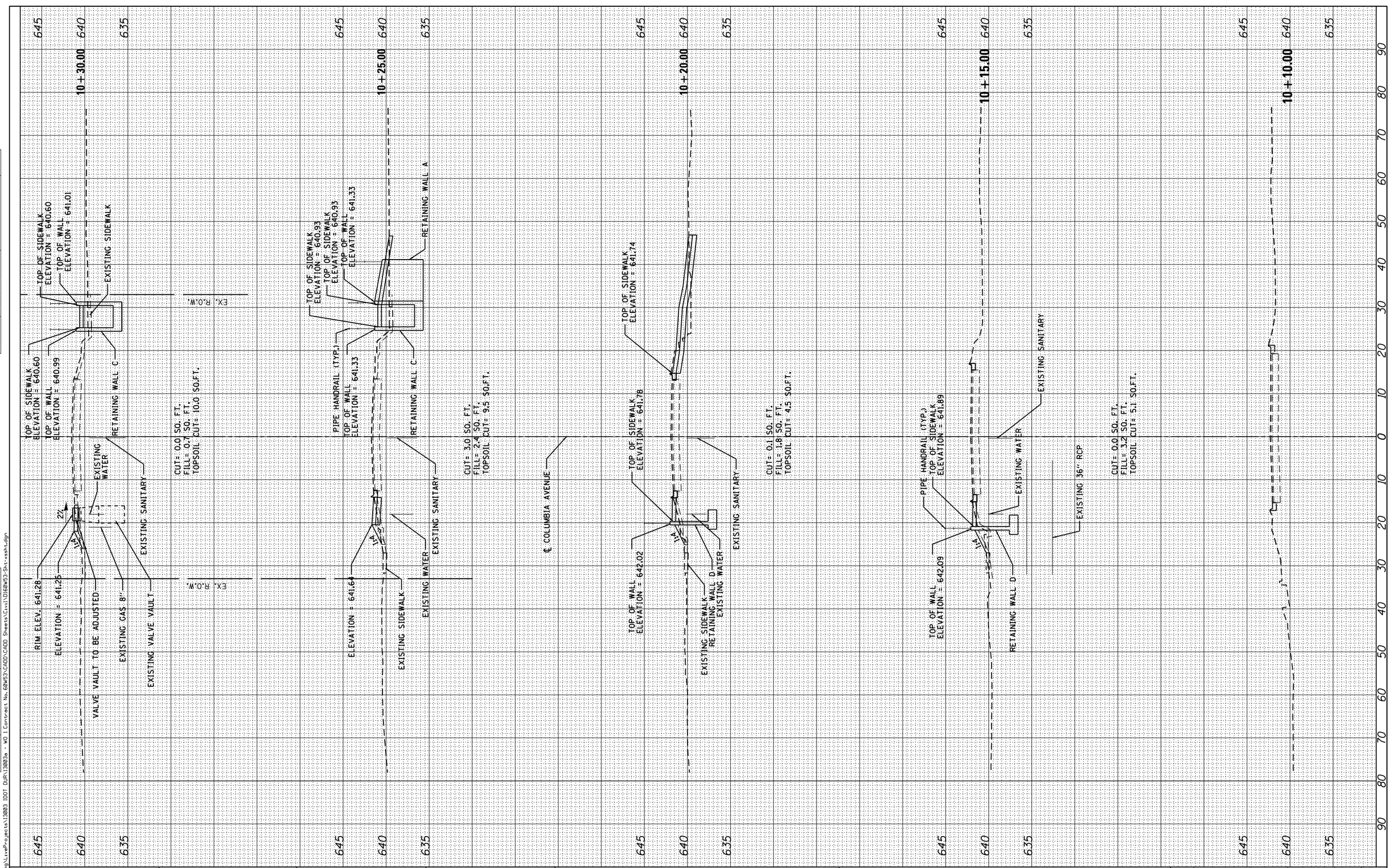
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	54
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY

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

ORIGINAL SURVEY

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



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Accurate GROUP, INC.

USER NAME = jent	DESIGNED - TGM	REVISED -
	DRAWN - CC	REVISED -
PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

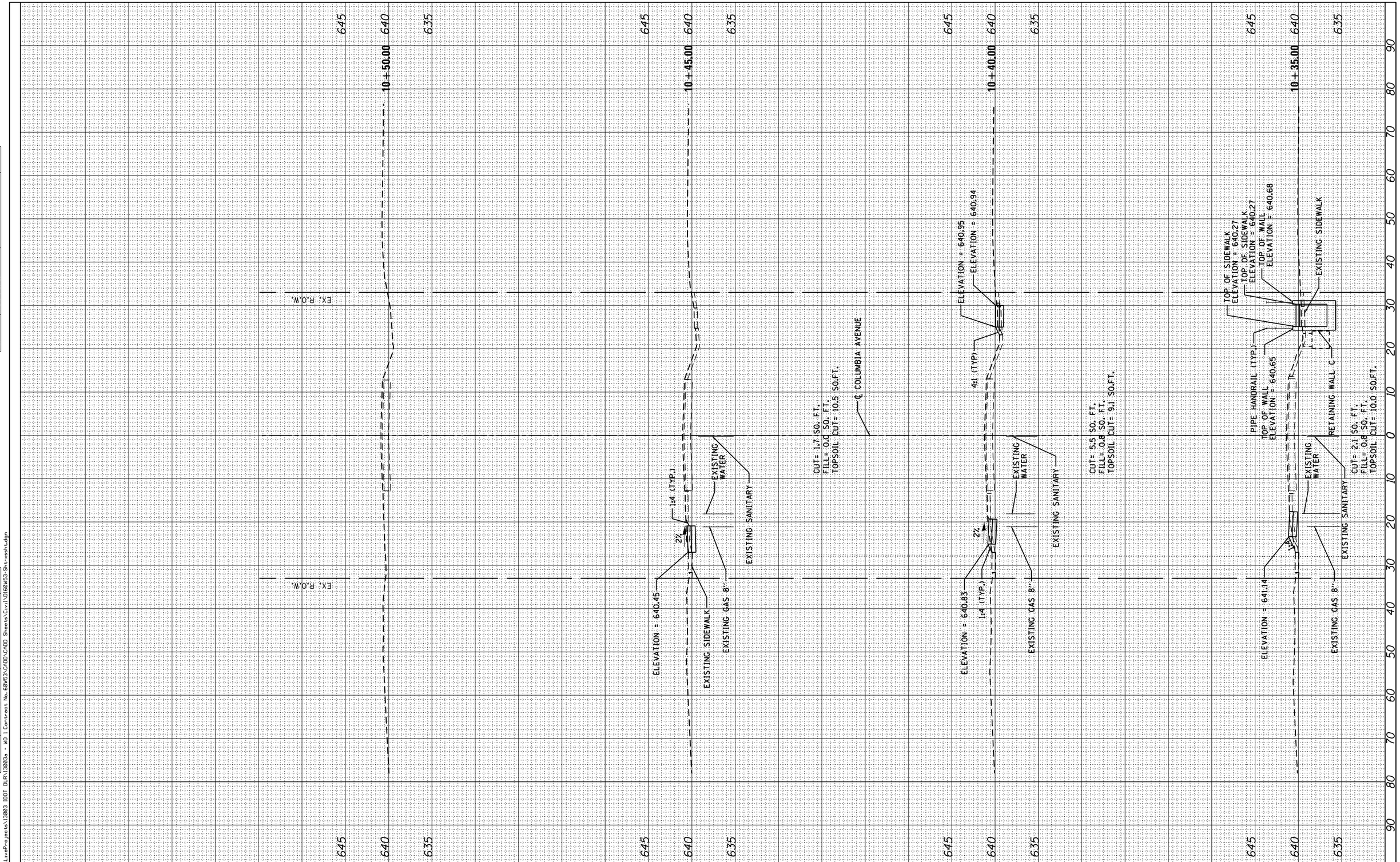
COLUMBIA AVENUE CROSS SECTIONS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 10+10.00 | TO STA.10+30.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	55
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

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

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



Accurate GROUP, INC.

USER NAME = jent	DESIGNED - TGM	REVISED -	
	DRAWN - CC	REVISED -	
PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -	
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COLUMBIA AVENUE CROSS SECTIONS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 10+35.00 TO STA.10+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	56
		CONTRACT NO. 60W53		
	ILLINOIS FED. AID PROJECT			

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

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

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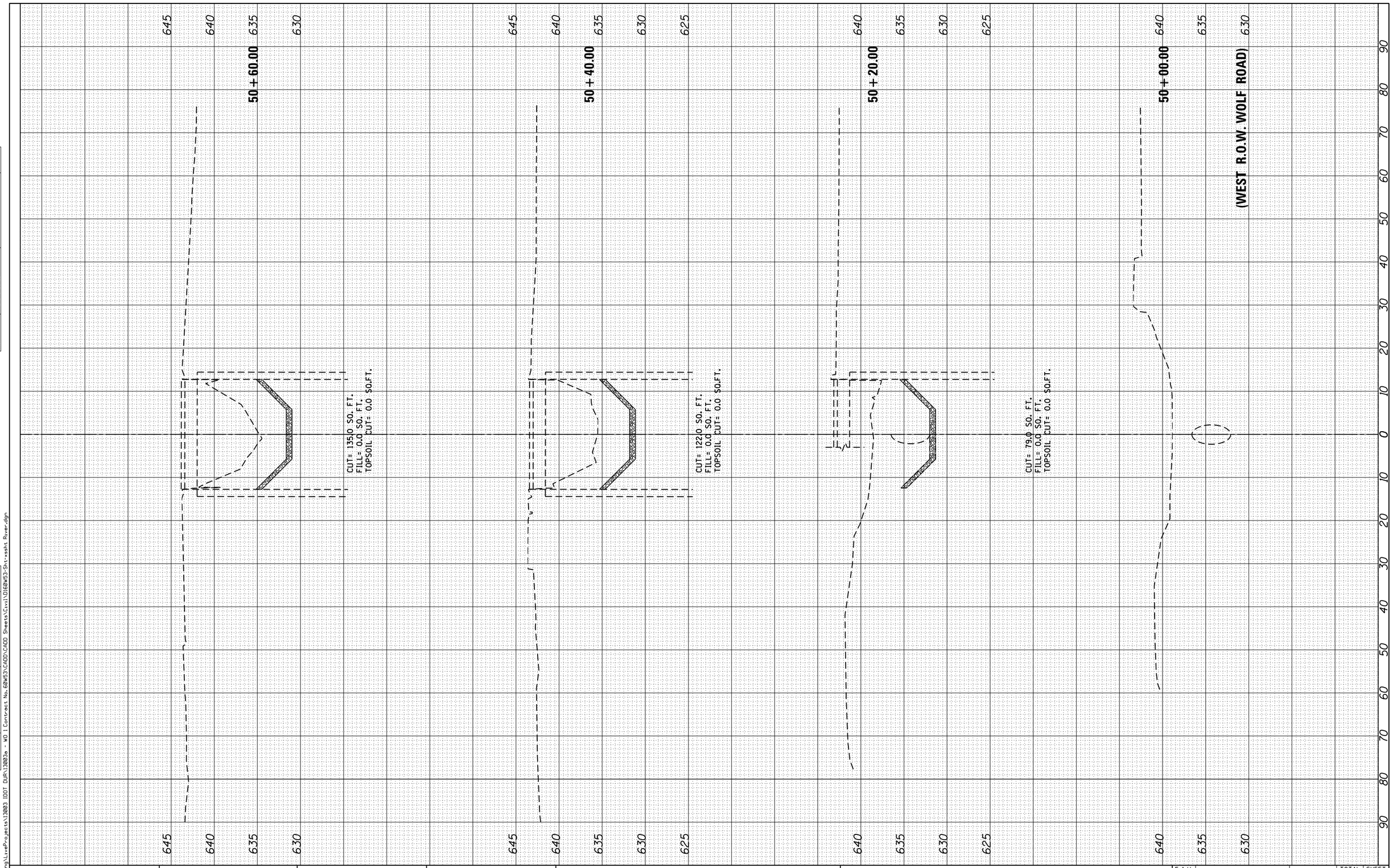

USER NAME = jent	DESIGNED - TGM	REVISED -	
	DRAWN - CC	REVISED -	
PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -	
PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -	

Accurate GROUP, INC.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WELLER'S DITCH CROSS SESCTONS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 50+00.00 | TO STA.50+60.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	57
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		

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

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

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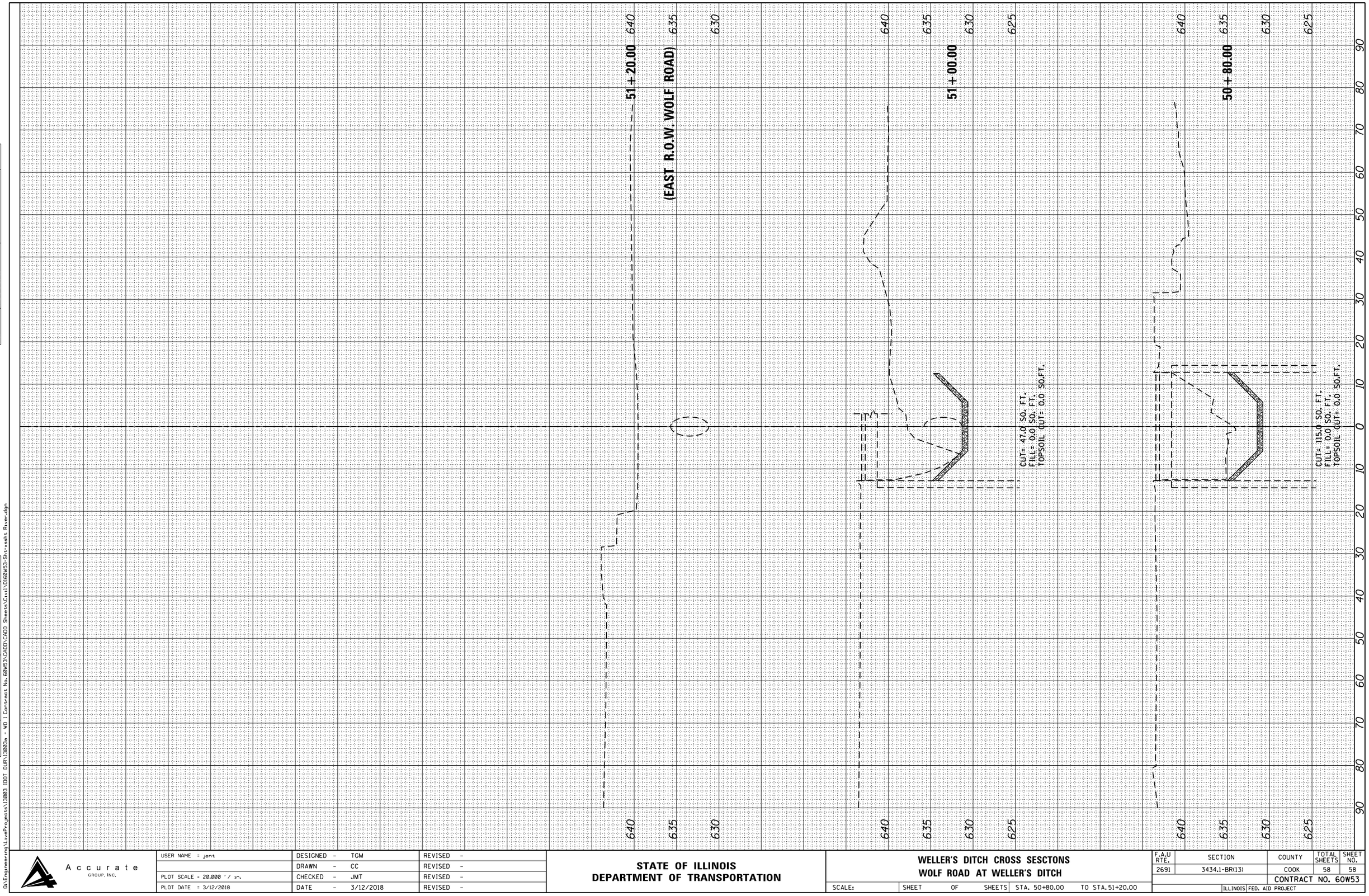

Accurate GROUP, INC.	USER NAME = jent	DESIGNED - TGM	REVISED -
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	PLOT SCALE = 20.000 ' / in.	CHECKED - JMT	REVISED -
	PLOT DATE = 3/12/2018	DATE - 3/12/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WELLER'S DITCH CROSS SESCTONS
WOLF ROAD AT WELLER'S DITCH

SCALE: | SHEET OF SHEETS | STA. 50+80.00 | TO STA. 51+20.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2691	3434.1-BR(13)	COOK	58	58
		CONTRACT NO. 60W53		
	ILLINOIS	FED. AID PROJECT		