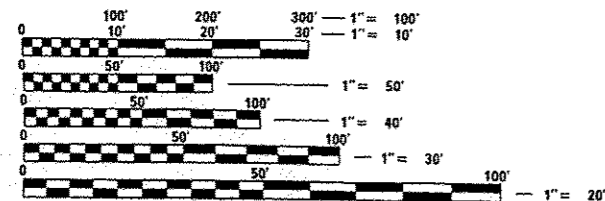


INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES & COMMITMENTS
3-7	SUMMARY OF QUANTITIES
8-11	TYPICAL SECTIONS
12-13	SCHEDULE OF QUANTITIES
14-17	PLAN AND PROFILE
18-22	STAGING PLANS
23-24	EROSION CONTROL PLANS
25-26	REMOVAL PLANS
27-28	DRAINAGE SHEETS
29-30	RIGHT OF WAY PLANS
31	INTERSECTION DETAILS
32-33	PARKING LOT DETAILS
34-35	SIGNING/PAVEMENT MARKINGS
36-39	TRAFFIC SIGNAL PLANS
40	DETAILS
41-57	CROSS SECTIONS

STANDARDS

000001-06	701502-06
280001-07	701602-07
424001-08	701701-09
442201-03	701801-05
482001-02	701901-04
542301-03	720001-01
602301-04	720006-04
602306-03	720016-03
602401-03	728001-01
604001-04	780001-05
604006-05	781001-03
604091-03	805001-01
606001-06	814001-03
606006-02	814006-02
606101-04	857001-01
606201-02	873001-02
606301-04	876001-03
701006-05	877001-05
701101-04	878001-10
701106-02	880006-01
701301-04	886001-01
701306-03	886006-01
701311-03	BLR17-4
701326-04	BLR18-6
701501-06	

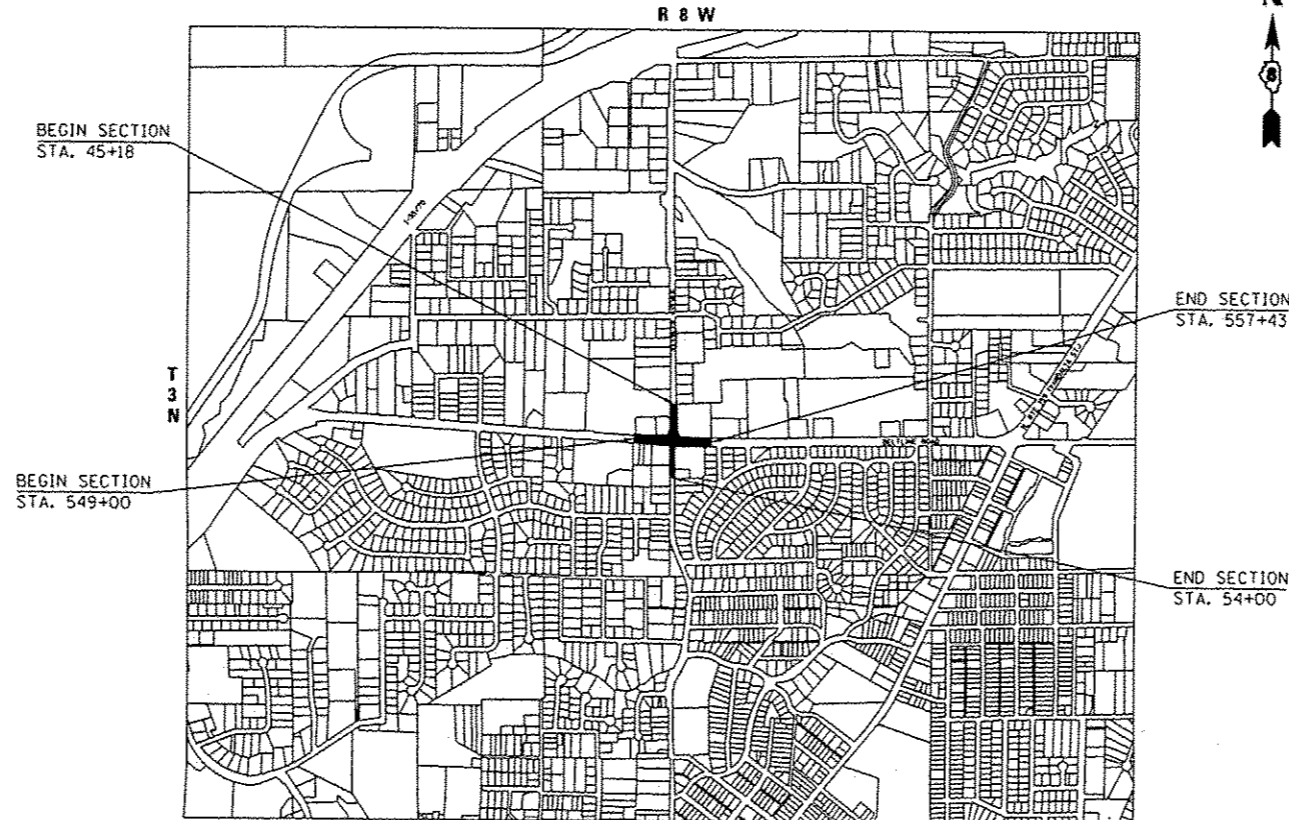


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
CITY OF COLLINSVILLE
BELTLINE ROAD (FAU 9122) &
KEEBLER AVENUE (FAU 9135)
INTERSECTION IMPROVEMENTS
SECTION 06-00088-00-TL
MADISON COUNTY
PROJECT NO. CMM-5011 (235)
JOB NO. C-98-323-07

SCALE IN FEET
PLAN 1"=20'
CROSS SECTION (HORIZ) 1"=10'
(VERT) 1"=5'



LOCATION MAP
SCALE 1"=1,000'

BELTLINE ROAD LENGTH OF PROJECT: 843' (0.160 MILES)
KEEBLER AVENUE LENGTH OF PROJECT: 882' (0.167 MILES)
NET LENGTH OF PROJECT: 1725' (0.327 MILES)

BELTLINE RD.-ADT 18,300 (2008), 22,700 (2028)
S. KEEBLER AVE.-ADT 9,300 (2008), 12,200 (2028)
N. KEEBLER AVE.-ADT 9,500 (2008), 12,400 (2028)



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	1
FED ROAD DIST NO. ILLINOIS FED. AID PROJECT			574 (61)	
CONTRACT NO. 97440				



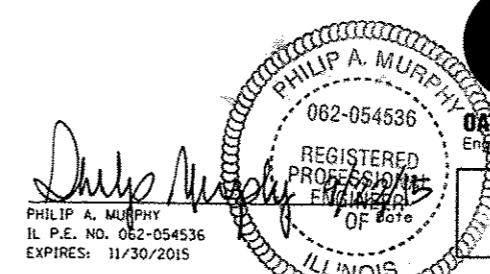
LOCATION OF SECTION INDICATED THUS: - [black rectangle]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: *John Miller* 9-28-15 DATE
JOHN MILLER MAYOR OF COLLINSVILLE

PASSED: 11/12/15 DATE
Jeffrey K. Harris DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: 11/12/15 DATE
Jeffrey K. Harris DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER



ILLINOIS
Eastport Business Center 1
100 Lanier Court, Suite 1
Collinsville, IL 62234
tel 618.345.2200
fax 618.345.7233
www.oatesassociates.com

MISSOURI
Laclede Gas Building
720 Olive, Suite 1660
St. Louis, MO 63101
tel 314.588.0361
fax 314.588.0605

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

GENERAL NOTES

UTILITIES

- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E MEMBERS MUST BE NOTIFIED INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 1.5 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

AT & T (TELEPHONE)
203 GOETHE STREET
COLLINSVILLE, IL 62234
(618) 346-6400

CHARTER COMMUNICATIONS (CABLE TV)
210 WEST DIVISION STREET
MARYVILLE, IL 62062
(618) 345-8121

CITY OF COLLINSVILLE (WATER & SANITARY SEWER)
125 SOUTH CENTER STREET
COLLINSVILLE, IL 62234
(618) 344-5200

AMEREN IP (GAS & ELECTRIC)
2600 NORTH CENTER
MARYVILLE, IL 62062
(618) 346-1287

IDOT (TRAFFIC SIGNALS & APPURTENANCES) (NOT A J.U.L.I.E. MEMBER)
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, IL 62234
- THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

GENERAL CONSTRUCTION

- IN CASE OF CONFLICT BETWEEN THE CONSTRUCTION PLANS AND THE RIGHT OF WAY PLANS, THE RIGHT OF WAY PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING RIGHT OF WAY AND EASEMENTS. THE CONSTRUCTION PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING CONSTRUCTION ITEMS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS SHALL BE USED TO RESTORE ACCESS IMMEDIATELY AFTER REMOVAL OPERATIONS. THIS MATERIAL WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.

ROADWAY

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND CUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

DRAINAGE

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

PAVEMENT MARKING

- THE CONTRACTOR SHALL APPLY SHORT-TERM PAVEMENT MARKINGS TO THE MILLED AND PRIMED ASPHALT LAYER. THE CONTRACTOR SHALL APPLY TEMPORARY PAVEMENT MARKINGS TO THE FINAL ASPHALT SURFACE LAYER IF NEEDED. ONLY THE FINAL APPLICATION OF TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND SEPARATE PAYMENT WILL BE MADE FOR WORK ZONE PAVEMENT MARKING REMOVAL.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

ABAND	ABANDON
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
PERM	PERMANENT
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBRL	TO BE RELOCATED
TYP	TYPICAL

COMMITMENTS

- PARCEL 13-1-21-22-13-304-022 - PROPERTY OWNERS: FAIRMONT BOWL, INC.
 THE CITY WILL RESTRIPE THE PERIMETER OF THE PARKING LOT ADJACENT TO KEEBLER AND BELTLINE ROADS.
 THE EXISTING LIGHTED SIGN FOR "CAMELOT BOWL" WILL BE RELOCATED, IF IN CONFLICT WITH THE PROPOSED TRAFFIC SIGNALS. THE PROPERTY OWNER SHALL NOT BE RESPONSIBLE FOR ANY COST ASSOCIATED WITH THE RELOCATION OF THE SIGN.
 THE EAST ENTRANCE FROM THE BELTLINE ROAD SHALL BE RECONSTRUCTED AT A GRADE FLATTER THAN THE EXISTING ENTRANCE SLOPE.
 AT LEAST TWO ENTRANCES SHALL REMAIN OPEN AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT.
- PARCEL 13-2-21-22-17-301-002 - PROPERTY OWNERS: LOUANNE L. HOWARD
 PROPOSED DRIVEWAY WILL HAVE A SLOPE OF 9% OR LESS.
- AT LEAST ONE ENTRANCE ON BELTLINE AND ON KEEBLER FOR FCB AND BUCKY'S SHALL REMAIN OPEN AND OPERATIONAL AT ALL TIMES. THE CONTRACTOR SHALL PHASE REMOVAL WORK TO SATISFY THIS REQUIREMENT. IMMEDIATELY UPON REMOVAL, THE CONTRACTOR SHALL INSTALL TEMPORARY AGGREGATE FOR ACCESS.

FILE NAME *	USER NAME * travishinkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & COMMITMENTS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\26841\dgn\Cadd Sheets\0926841-shc-annotes.dgn		DRAWN - JTH	REVISED -			9122	06-0088-00-TL	MADISON	57	2
PLOT SCALE * 48.8000' / in.		CHECKED -	REVISED -			BELTLINE/KEEBLER INT. IMPROVEMENTS				
PLOT DATE * 10/8/2015		DATE -	REVISED -			CITY OF COLLINSVILLE ILLINOIS				
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	CONTRACT NO. 97440 FED. AID PROJECT CMM-5011 12341				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAO	TRAFFIC SIGNAL 0021
		20200100	EARTH EXCAVATION	CU YD	1,320	1,320	
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7	7	
	SP	20800150	TRENCH BACKFILL	CU YD	45	45	
		25200100	SODDING	SO YD	2,412	2,412	
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30	30	
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30	30	
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	30	30	
		25100630	EROSION CONTROL BLANKET	SO YD	44	44	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	50	
		28000305	TEMPORARY DITCH CHECKS	FOOT	8	8	
		28000500	INLET AND PIPE PROTECTION	EACH	12	12	
		28100103	STONE RIPRAP, CLASS A2	SO YD	9	9	
		28200200	FILTER FABRIC	SO YD	9	9	
		35100300	AGGREGATE BASE COURSE, TYPE A 4"	SO YD	3,330	3,330	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAO	TRAFFIC SIGNAL 0021
		35100700	AGGREGATE BASE COURSE, TYPE A 8"	SO YD	134	134	
		35102400	AGGREGATE BASE COURSE, TYPE B 12"	SO YD	21	21	
		40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SO YD	16	16	
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	580	580	
	SP	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,609	4,609	
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	31	31	
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	755	755	
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	397	397	
		40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SO YD	503	503	
	SP	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	160	160	
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	75	75	
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	74	74	
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	3,472	3,472	
		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	862	862	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

FILE NAME *	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -
H:\P\26841\dgn\Cadd Sheets\0826841-sh-1.dgn		DRAWN - JTH	REVISED -
	PLOT SCALE * 1/8" = 1' / in.	CHECKED -	REVISED -
	PLOT DATE * 10/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	3
BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
CITY OF COLLINSVILLE ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ	TRAFFIC SIGNAL 0021
		42400800	DETECTABLE WARNINGS	SQ FT	104	104	
	SP	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	3,112	3,112	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,845	1,845	
		44000300	CURB REMOVAL	FOOT	917	917	
		44000400	GUTTER REMOVAL	FOOT	45	45	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,244	1,244	
		44000600	SIDEWALK REMOVAL	SQ FT	1,928	1,928	
		44003100	MEDIAN REMOVAL	SQ FT	176	176	
		44004250	PAVED SHOULDER REMOVAL	SQ YD	698	698	
		44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	2	2	
		44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	21	21	
		44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	76	76	
		48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	64	64	
		50105220	PIPE CULVERT REMOVAL	FOOT	200	200	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ	TRAFFIC SIGNAL 0021
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2	
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	14	14	
		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	180	180	
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	22	22	
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	217	217	
		550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	22	22	
		55100500	STORM SEWER REMOVAL 12"	FOOT	34	34	
		55100900	STORM SEWER REMOVAL 18"	FOOT	95	95	
		55101200	STORM SEWER REMOVAL 24"	FOOT	16	16	
		55200900	STORM SEWERS JACKED IN PLACE, 24"	FOOT	82	82	
		59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	77	77	
	SP	60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2	
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

FILE NAME * N:\P\26841\dgn\Cadd Sheets\0826841-sh1.dgn	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - JTH	REVISED -				9122	06-00088-00-TL	MADISON	57	4		
		CHECKED -	REVISED -				SCALE: NONE		SHEET NO. 2 OF 5 SHEETS		BELTLINE/KEEBLER INT. IMPROVEMENTS CITY OF COLLINSVILLE ILLINOIS FED. AID PROJECT		
		DATE - 10/8/2015	REVISED -				CONTRACT NO. 97440						

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ	TRAFFIC SIGNAL 0021
		60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2	
		60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2	2	
	SP	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	2	
		60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1	1	
		60500040	REMOVING MANHOLES	EACH	1	1	
		60500060	REMOVING INLETS	EACH	4	4	
		60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8	8	
		60600605	CONCRETE CURB, TYPE B	FOOT	1,170	1,170	
		60602500	CONCRETE GUTTER, TYPE A	FOOT	262	262	
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	88	88	
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,787	1,787	
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	143	143	
	SI SP	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	410	410	
	SI SP	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ	TRAFFIC SIGNAL 0021
	SI SP	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	
		67100100	MOBILIZATION	L SUM	1	1	
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16	
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	443	443	
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3,443	3,443	
		70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	406	406	
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	140	140	
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,479	1,479	
		72000100	SIGN PANEL - TYPE 1	SQ FT	75	27	48
		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	1	2
		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	42	42	
	SI	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	406	406	
	SI	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,993	6,993	
	SI	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	715	715	

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

FILE NAME * H:\P\26841\dgn\Cadd Sheets\0826841-sh1.dgn	USER NAME * trovas.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES		F.A.U. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 5
PLOT SCALE * 40.0000' / in.	CHECKED -	REVISED -	SCALE: NONE					SHEET NO. 3 OF 5 SHEETS	BELTLINE/KEEBLER INT. IMPROVEMENTS	CONTRACT NO. 97440		
PLOT DATE * 10/8/2015	DATE -	REVISED -	CITY OF COLLINSVILLE ILLINOIS FED. AID PROJECT									

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ	TRAFFIC SIGNAL 0021
	SI	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	154	154	
	SI	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	354	354	
	SI	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	115	115	
	SI	78200300	PRISMATIC CURB REFLECTOR	EACH	22	22	
		78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,450	1,450	
	SI	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	51	51	
	SI	80500100	SERVICE INSTALLATION, TYPE A	EACH	1		1
	SI	81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	294		294
	SI	81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	424		424
	SI	81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	49		49
	SI	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	16		16
	SI	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	21		21
	SI	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	10		10
	SI	81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	252		252

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ	TRAFFIC SIGNAL 0021
	SI	81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	112		112
	SI	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4		4
	SI	81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1		1
	SI	86300400	CONTROLLER CABINET TYPE IV	EACH	1		1
	SI	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,782		1,782
	SI	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,379		1,379
	SI	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,788		2,788
	SI	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,601		1,601
	SI	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,599		3,599
	SI	87301525	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 6 PAIR	FOOT	684		684
	SI	87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	15		15
	SP SI	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,944		1,944
	SI	87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1		1
	SI	87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	4		4

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

FILE NAME *	USER NAME * trovis.helmkamp	DESIGNED - PAM	REVISED -
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	PLOT SCALE * 40,0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE * 10/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	6
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
CITY OF COLLINSVILLE ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAO	TRAFFIC SIGNAL 0021
	SI	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1
	SI	87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1
	SI	87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	2		2
	SI	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3		3
SP	SI	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3		3
SP	SI	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60		60
	SI	87900200	DRILL EXISTING HANDHOLE	EACH	2		2
	SI	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4
	SI	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10		10
	SI	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4		4
	SI	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4		4
	SI	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8		8
	SI	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14		14
	SI	88500100	INDUCTIVE LOOP DETECTOR	EACH	4		4

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAO	TRAFFIC SIGNAL 0021
SP	SI	88600100	DETECTOR LOOP, TYPE I	FOOT	2,655		2,655
SP	SI	89500300	RELOCATE EXISTING ILLUMINATED SIGN	EACH	2		2
SP	SI	89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1		1
	SI	89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
	SI	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,000		4,000
SP	SI	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	19		19
SP	SI	89502380	REMOVE EXISTING HANDHOLE	EACH	7		7
SP	SI	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7		7
SP		Z0056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	130	130	
SP	SI	X0322951	CABLE SPLICE SPECIAL	EACH	2		2
SP		X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	205	205	
SP		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
SP	SI	X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	8		8
Δ SP		Z0076600	TRAINEES	HOAR	500		
SP		XX006066	SIGN TO BE RELOCATED	EACH	1	1	
Δ SP		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOAR	500		

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

Δ 0042

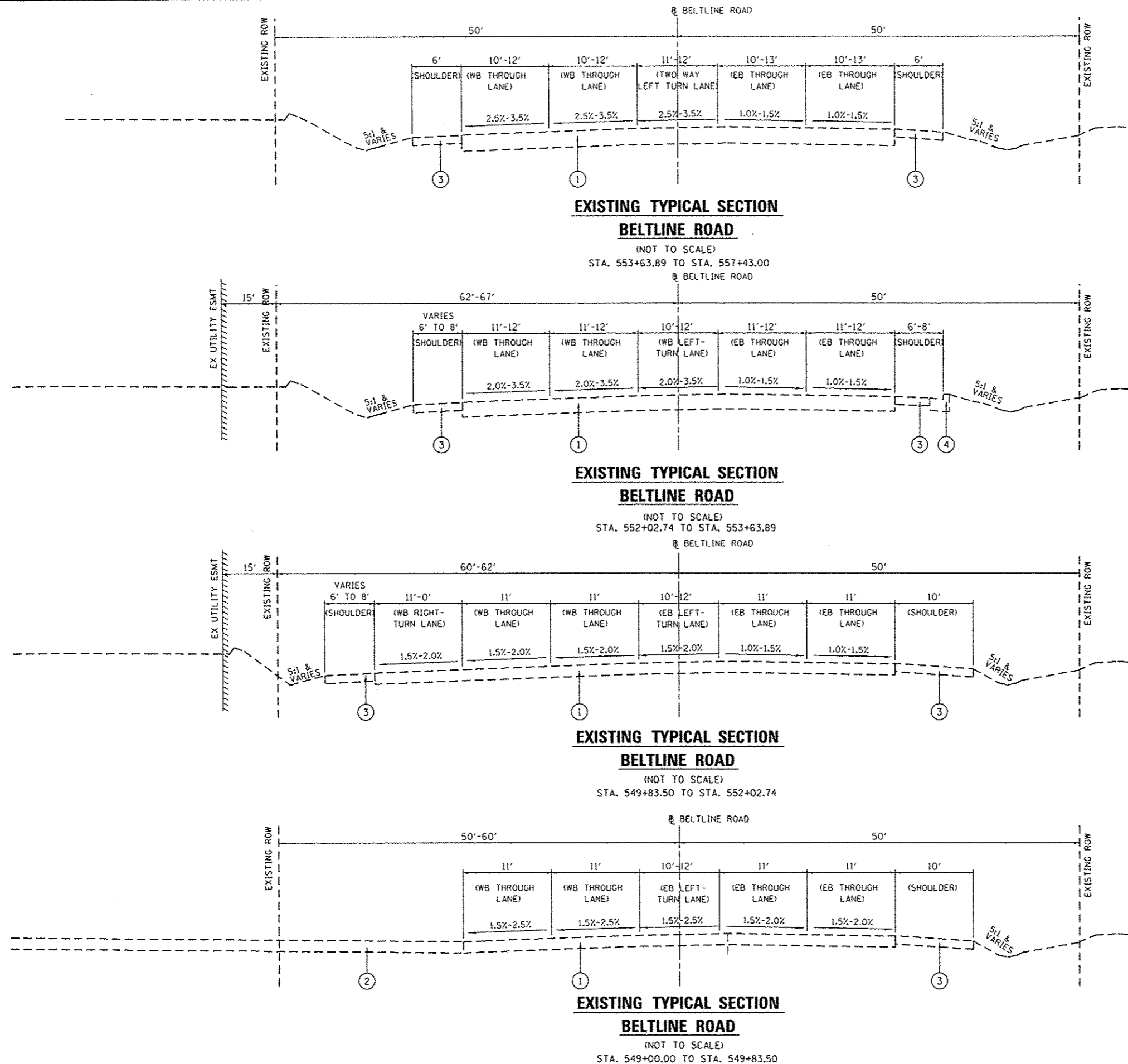
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FILE NAME *	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -
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	PLOT DATE = 10/8/2015	DATE -	REVISED -

SCALE: NONE SHEET NO. 5 OF 5 SHEETS

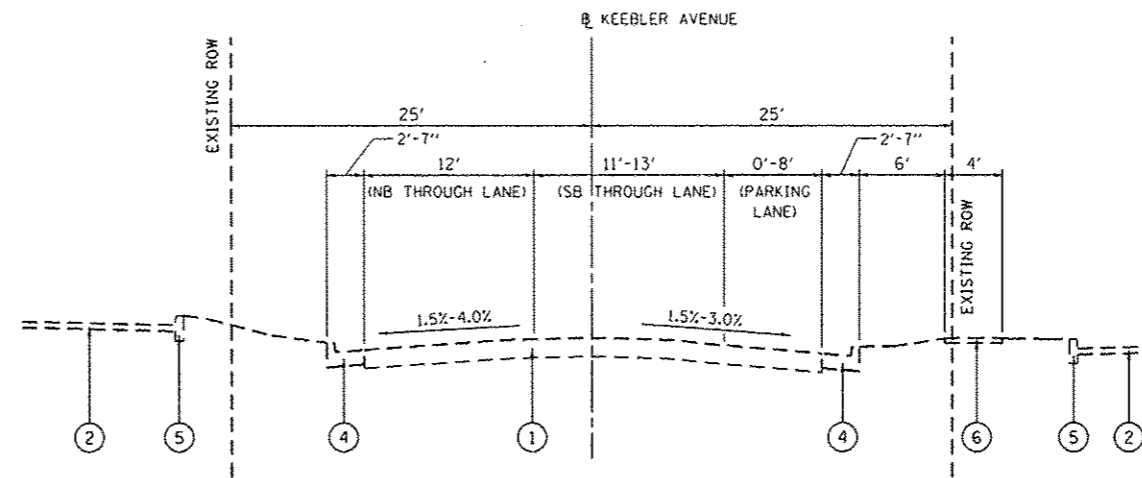
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	7
BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
CITY OF COLLINSVILLE ILLINOIS FED. AID PROJECT				



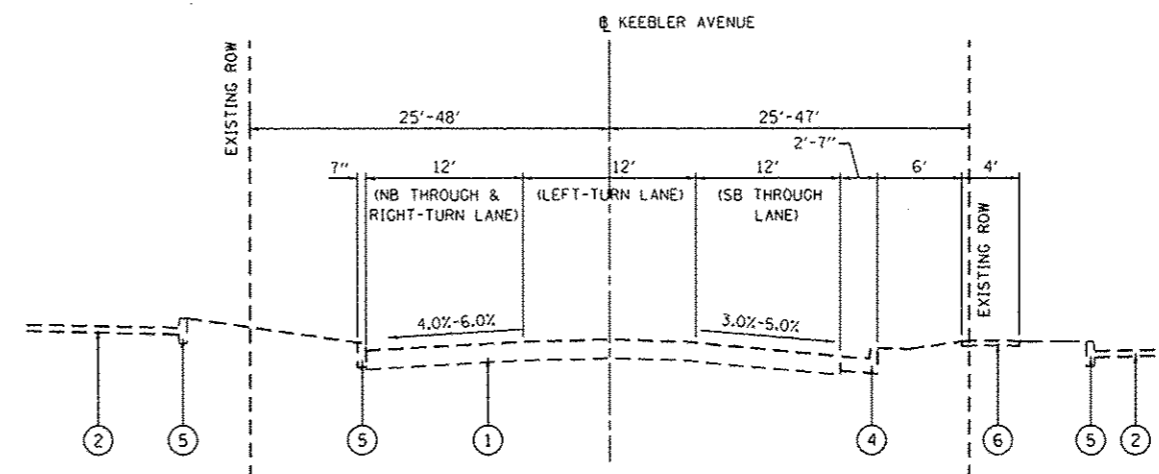
- LEGEND**
- ① EXISTING PAVEMENT (13" ASSUMED DEPTH)
 - EXISTING HOT-MIX ASPHALT RESURFACING (2" ASSUMED DEPTH)
 - EXISTING PORTLAND CEMENT CONCRETE BASE (11" ASSUMED DEPTH)
 - ② EXISTING DRIVEWAY PAVEMENT (4")
 - ③ EXISTING ASPHALT SHOULDER (6")
 - ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑤ EXISTING CONCRETE CURB TYPE B, 6"
 - ⑥ EXISTING CONCRETE SIDEWALK
 - ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"
 - ⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11"
 - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - ⑩ PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
 - ⑪ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - ⑫ PROPOSED CONCRETE CURB, TYPE B
 - ⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑭ PROPOSED CONCRETE GUTTER, TYPE A
 - ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER, 6"

FILE NAME *	USER NAME * trovis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BELTLINE ROAD EXISTING TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\26041\dgn\Cadd Sheets\0826041-sh1-tpical.dgn	DRAWN - JTH	REVISED -	9122			06-00088-00-TL	MADISON	57	8	
PLOT SCALE = 48.0000 1/4" = 1'	CHECKED -	REVISED -	BELTLINE/KEEBLER INT. IMPROVEMENTS CONTRACT NO. 97440							
PLOT DATE = 10/8/2015	DATE -	REVISED -	CITY OF COLLINSVILLE ILLINOIS FED. AID PROJECT CMM-5011 (234)							
					SCALE: NONE	SHEET NO. 1 OF 4 SHEETS				

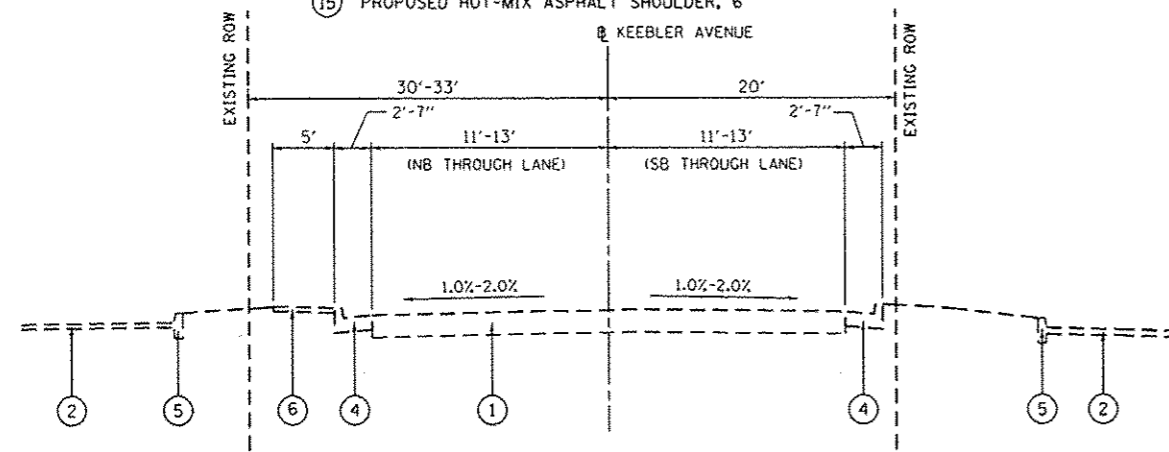
- LEGEND**
- ① EXISTING PAVEMENT (13" ASSUMED DEPTH)
 - EXISTING HOT-MIX ASPHALT RESURFACING (2" ASSUMED DEPTH)
 - EXISTING PORTLAND CEMENT CONCRETE BASE (11" ASSUMED DEPTH)
 - ② EXISTING DRIVEWAY PAVEMENT (4")
 - ③ EXISTING ASPHALT SHOULDER (6")
 - ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑤ EXISTING CONCRETE CURB TYPE B, 6"
 - ⑥ EXISTING CONCRETE SIDEWALK
 - ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"
 - ⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11"
 - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - ⑩ PROPOSED AGGREGATE BASE COURSE, TYPE A 4"
 - ⑪ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - ⑫ PROPOSED CONCRETE CURB, TYPE B
 - ⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑭ PROPOSED CONCRETE GUTTER, TYPE A
 - ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER, 6"



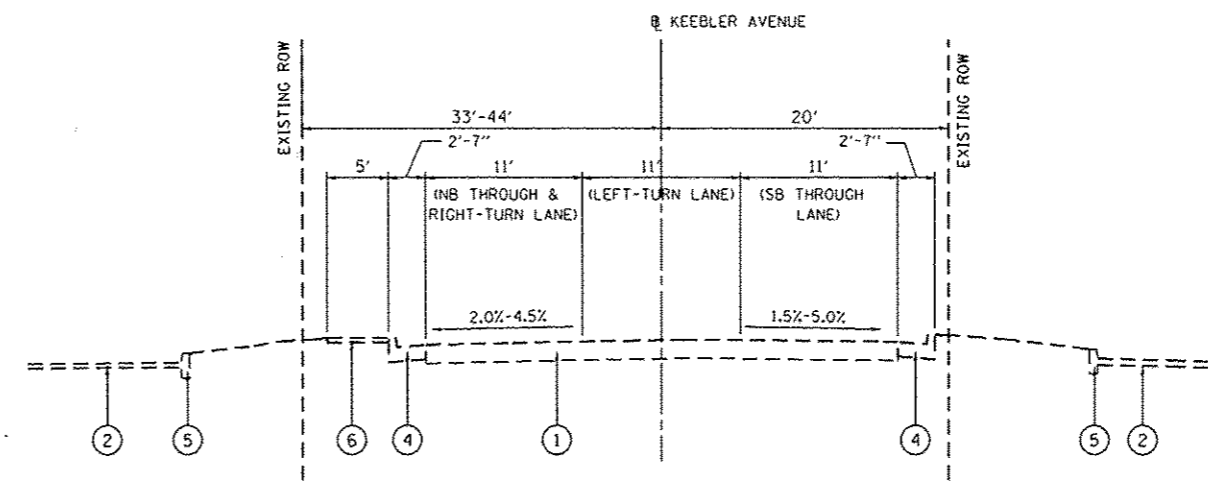
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KEEBLER AVENUE**
(NOT TO SCALE)
STA. 52+19.53 TO STA. 54+00.00



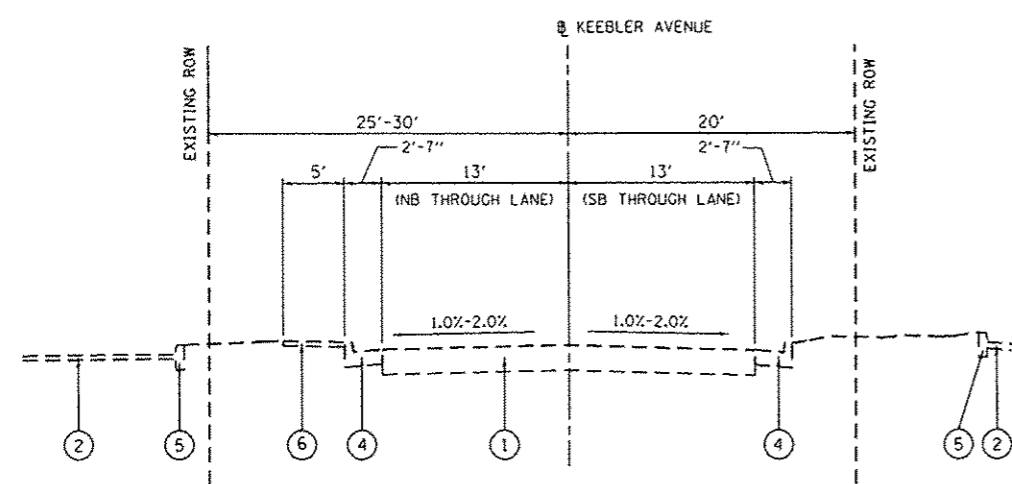
**EXISTING TYPICAL SECTION
KEEBLER AVENUE**
(NOT TO SCALE)
STA. 49+99.80 TO STA. 52+19.53



**EXISTING TYPICAL SECTION
KEEBLER AVENUE**
(NOT TO SCALE)
STA. 46+56.07 TO STA. 48+52.76



**EXISTING TYPICAL SECTION
KEEBLER AVENUE**
(NOT TO SCALE)
STA. 48+52.76 TO STA. 49+99.80



**EXISTING TYPICAL SECTION
KEEBLER AVENUE**
(NOT TO SCALE)
STA. 45+18.00 TO STA. 46+56.07

FILE NAME * H:\P\26041\dgn\Cadd Sheets\0826041-sh1	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -
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	PLOT SCALE * 40,0000 / in.	CHECKED -	REVISED -
	PLOT DATE * 10/9/2015	DATE -	REVISED -

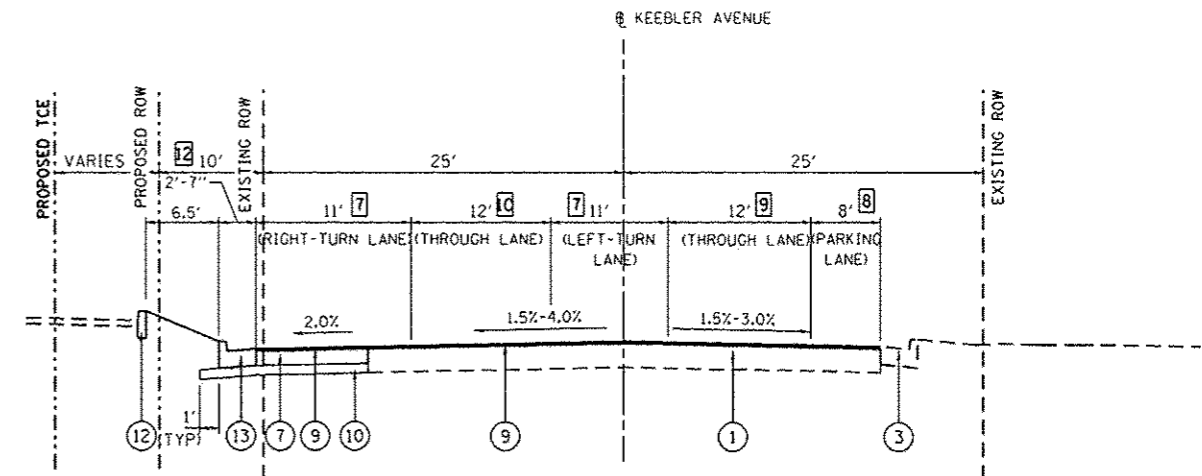
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEEBLER AVENUE EXISTING TYPICAL SECTIONS
SCALE: NONE SHEET NO. 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	9
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
CITY OF COLLINGSVILLE ILLINOIS FED. AID PROJECT CMM-5011 (234)				

LEGEND

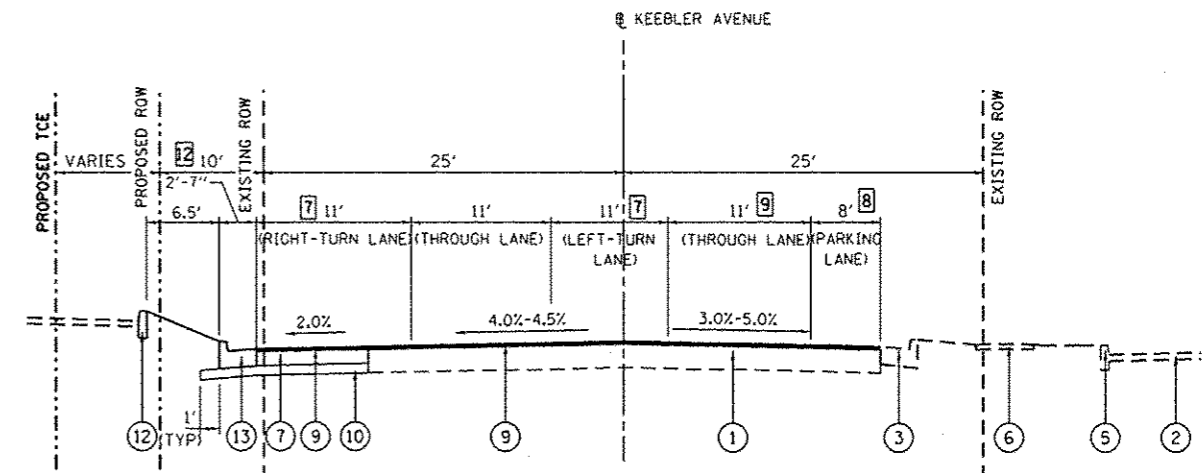
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|---|---|
| <p>① EXISTING PAVEMENT (13" ASSUMED DEPTH)
- EXISTING HOT-MIX ASPHALT RESURFACING (2" ASSUMED DEPTH)
- EXISTING PORTLAND CEMENT CONCRETE BASE (11" ASSUMED DEPTH)</p> <p>② EXISTING DRIVEWAY PAVEMENT (4")</p> <p>③ EXISTING ASPHALT SHOULDER (6")</p> <p>④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24</p> <p>⑤ EXISTING CONCRETE CURB TYPE B, 6"</p> <p>⑥ EXISTING CONCRETE SIDEWALK</p> <p>⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"</p> <p>⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11"</p> <p>⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"</p> <p>⑩ PROPOSED AGGREGATE BASE COURSE, TYPE A 4"</p> <p>⑪ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"</p> <p>⑫ PROPOSED CONCRETE CURB, TYPE B</p> <p>⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24</p> <p>⑭ PROPOSED CONCRETE GUTTER, TYPE A</p> <p>⑮ PROPOSED HOT-MIX ASPHALT SHOULDER, 6"</p> | <p>① VARIES 0' TO 11' FROM STA. 549+24.13 TO STA. 551+25.94</p> <p>② VARIES 0' TO 11' FROM STA. 550+14.23 TO STA. 551+32.85</p> <p>③ VARIES 10' TO 0' FROM STA. 551+43.54 TO STA. 552+91.27</p> <p>④ VARIES 11' TO 0' FROM STA. 555+59.52 TO STA. 557+43.00</p> <p>⑤ VARIES 0' TO 10' FROM STA. 45+19.42 TO STA. 47+85.74</p> <p>⑥ VARIES 0' TO 10' FROM STA. 46+86.80 TO STA. 47+85.74</p> <p>⑦ VARIES 11' TO 0' FROM STA. 52+22.58 TO STA. 53+21.58</p> <p>⑧ VARIES 0' TO 8' FROM STA. 51+82.86 TO STA. 54+01.00</p> <p>⑨ VARIES 11' TO 12' FROM STA. 52+22.97 TO STA. 53+21.50</p> <p>⑩ VARIES 11' TO 12' FROM STA. 53+77.34 TO STA. 54+00.00</p> <p>⑪ VARIES 0' TO 5.2' FROM STA. 46+02.93 TO STA. 47+85.00</p> <p>⑫ VARIES 10' TO 1.5' FROM STA. 52+20.59 TO STA. 52+93.88</p> <p>⑬ VARIES 6' TO 8' FROM STA. 550+18.42 TO STA. 550+98.00
8' FROM STA. 550+98.00 TO STA. 551+32.85</p> <p>⑭ 8' FROM STA. 551+32.85 TO STA. 552+19.06
VARIES 8' TO 4' FROM STA. 552+19.06 TO STA. 552+86.15</p> |
|---|---|



PROPOSED TYPICAL SECTION

KEEBLER AVENUE

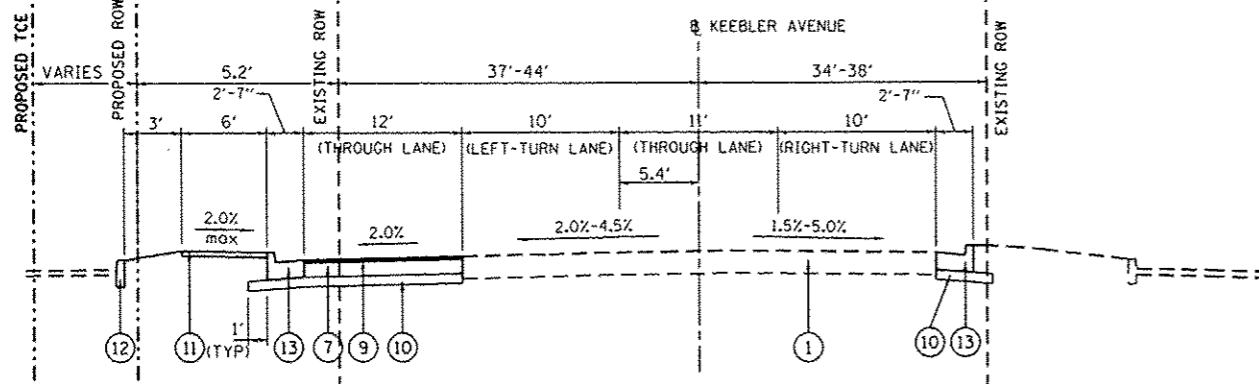
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PROPOSED TYPICAL SECTION

KEEBLER AVENUE

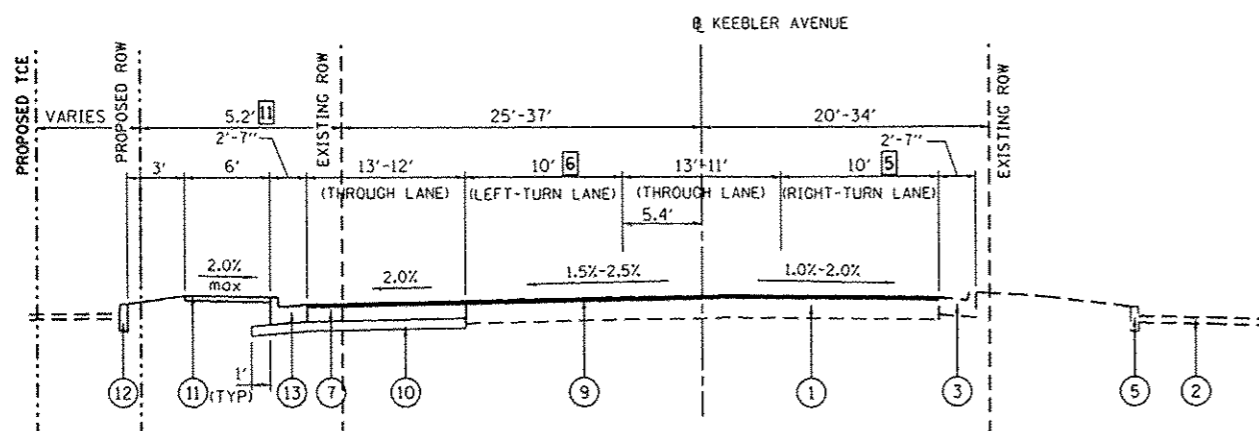
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PROPOSED TYPICAL SECTION

KEEBLER AVENUE

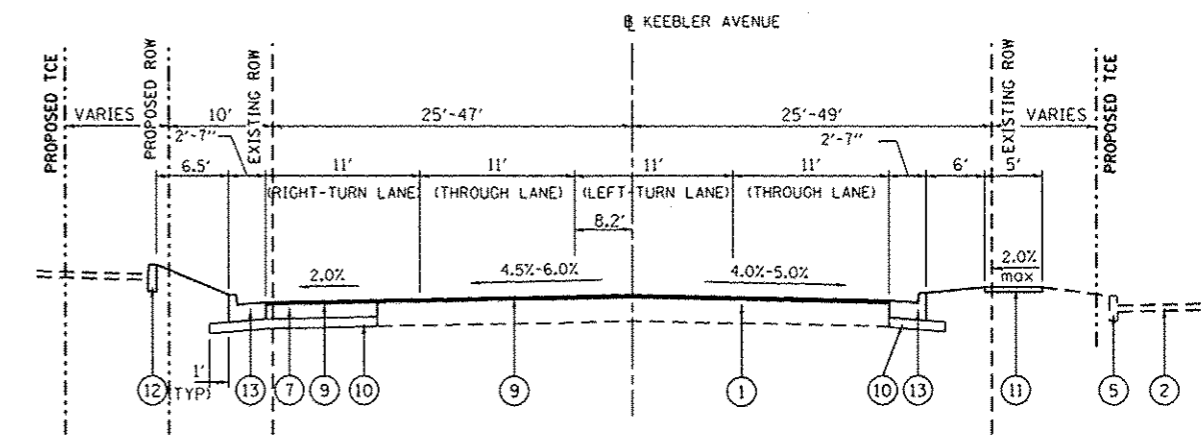
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STA. 49+13.25 TO STA. 49+99.80



PROPOSED TYPICAL SECTION

KEEBLER AVENUE

(NOT TO SCALE)
STA. 45+18.00 TO STA. 49+13.25



PROPOSED TYPICAL SECTION

KEEBLER AVENUE

(NOT TO SCALE)
STA. 49+99.80 TO STA. 51+47.49

FILE NAME: H:\NP\26041\dgn\Cadd Sheets\0926041-sh1	USER NAME: trovis.helmkamp	DESIGNED: PAM	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KEEBLER AVENUE PROPOSED TYPICAL SECTIONS	F.A.U. RTE.: 9122	SECTION: 06-0088-00-TL	COUNTY: MADISON	TOTAL SHEETS: 57	SHEET NO.: 11
PLOT SCALE: 1/8" = 1'-0"	DRAWN: JTH	CHECKED:	REVISED:			BELTLINE/KEEBLER INT. IMPROVEMENTS	CONTRACT NO. 97440			
PLOT DATE: 10/8/2015	DATE:	REVISED:	REVISED:			CITY OF COLLINGSVILLE	ILLINOIS FED. AID PROJECT CMM-5011 (234)			
						SCALE: NONE	SHEET NO. 4 OF 4 SHEETS			

PAVEMENT MARKING SCHEDULE

STATION	STATION	OFFSET	COLOR	SHORT-TERM PAVT MKNG (FOOT)	TEMP PVT MK LINE 4 (FOOT)	TEMP PVT MK LINE 6 (FOOT)	TEMP PVT MK LINE 12 (FOOT)	WORK ZONE PAVT MK REM (SO FT)	THPL PVT MK LTRS & SYMB (NOTE 1) (SO FT)	THPL PVT MK LINE 4 (NOTE 1) (FOOT)	THPL PVT MK LINE 6 (NOTE 1) (FOOT)	THPL PVT MK LINE 8 (NOTE 1) (FOOT)	THPL PVT MK LINE 12 (NOTE 1) (FOOT)	RAISED REFL PAVT MKR (NOTE 2) (EACH)	PRISMATIC CURB REFL (EACH)
KEEBLER AVENUE															
45+18	47+86	CL	YELLOW				30	30					30		
45+18	49+41	RT	WHITE	80	222			73		222				4	
45+18	49+41	CL	YELLOW	128	1,386			457		1,386				17	
46+26	46+30	LT	WHITE						16						
46+34	46+34	LT	WHITE							27					
46+38	46+42	LT	WHITE						16						
46+46	46+46	LT	YELLOW							27					
46+87	49+41	LT	WHITE	48	180			59		180				4	
48+07	48+17	CL	WHITE						31						
49+22	49+32	CL	WHITE						31						
49+37	49+47	RT	WHITE				38	38					38		
49+40	50+66	RT	WHITE			114		57			114				
49+40	50+51	LT	WHITE			100		50			100				
49+51	50+56	RT	WHITE			100		50			100				
49+51	50+43	LT	WHITE			92		46			92				
50+55	50+59	LT	WHITE				42	42					42		
50+55	53+22	LT	WHITE	52	386			127		386				10	
50+55	54+00	CL	YELLOW	96	1,052			347		1,052				12	
50+63	51+11	LT	WHITE							204					
50+76	50+86	LT	WHITE						31						
51+31	51+36	LT	WHITE						16						
51+58	52+47	LT	WHITE							140					
51+79	51+85	RT	WHITE												
51+83	54+01	RT	WHITE	40	218			72		218					
51+95	52+05	LT	WHITE						31						
51+15	52+21	RT	WHITE												
52+23	54+01	CL	YELLOW				30	30					30		
52+61	52+76	LT	WHITE												11
52+52	52+57	LT	WHITE						16						
52+61	52+64	LT	WHITE							24					
52+64	52+69	LT	WHITE						16						
52+72	52+75	LT	YELLOW							48					
BELTLINE ROAD															
549+00	553+26	CL	WHITE							213				12	
549+24	553+26	RT	WHITE							250				5	
549+77	550+25	LT	WHITE								154	61			
549+86	553+26	CL	YELLOW							979				12	
549+88	551+09	CL	YELLOW										45		
550+14	553+26	RT	WHITE							223				5	
550+25	552+91	LT	WHITE							156				5	
551+45	551+60	CL	WHITE						31						
552+83	552+95	CL	WHITE						31						
553+21	554+20	RT	WHITE								88				
553+27	554+10	RT	WHITE								79				
553+28	554+14	LT	WHITE								73				
553+36	554+05	LT	WHITE								69				
553+19	553+26	RT	WHITE										56		
554+18	554+22	LT	WHITE										52		
554+18	555+48	LT	WHITE							130				4	
554+18	556+08	RT	YELLOW							380				5	
554+18	557+43	CL	WHITE							163				10	
554+18	557+43	LT	WHITE							187				4	
554+34	554+41	CL	WHITE						31						
554+60	556+38	RT	WHITE												
554+95	555+06	RT	WHITE												11
555+07	555+12	RT	WHITE						16						
555+15	555+21	CL	WHITE						16						
555+27	555+33	RT	WHITE						16						
556+08	557+43	CL	YELLOW							338				6	
556+18	556+33	CL	WHITE						31						
556+63	556+67	LT	WHITE						16						
556+71	556+72	LT	WHITE							21					
556+79	556+83	LT	WHITE						16						
556+86	556+87	LT	YELLOW							42					
TOTAL				443	3,443	406	140	1,479	406	6,993	715	154	354	115	22

- PAVEMENT MARKING NOTES:**
- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
 - RAISED REFLECTIVE PAVEMENT MARKER QUANTITY INCLUDES THE FOLLOWING TYPES:
 63 EACH ONE-WAY CRYSTAL MARKERS
 52 EACH TWO-WAY AMBER MARKERS
 115 EACH TOTAL

CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	CONC CURB TB (FOOT)	CONC GUTTER TA (FOOT)	COMB CC&G TB6.12 (FOOT)	COMB CC&G TB6.24 (FOOT)	CONC MEDIAN SURF 4 (SO FT)
KEEBLER AVENUE							
45+18	49+64	LT					460
46+08	46+22	LT	30				15
46+58	49+56	LT	430				15
49+13	49+59	RT					56
50+35	51+47	RT					143
50+37	51+32	LT	267				
50+37	53+77	LT					368
51+35	51+51	LT			43		77
51+55	52+55	LT	212				
52+85	52+93	LT	43				
BELTLINE ROAD							
549+00	552+90	RT					348
550+20	552+82	LT		262			
551+50	551+63	RT					17
551+94	552+04	RT					15
552+88	553+37	RT	74				
554+46	555+28	RT					82
554+47	557+17	LT					268
554+95	555+06	RT			45		66
555+13	555+28	RT	74				
556+43	556+58	LT	19				
557+03	557+16	LT	21				
TOTAL			1,170	262	88	1,787	143

- CURB AND GUTTER NOTES:**
- PROPOSED CURB & GUTTER SHALL TRANSITION TO MATCH EXISTING CURBS IN 10' LINEAL FEET (MIN.).
 - PROPOSED CURB & GUTTER JOINTS AND DETAILS SHALL CONFORM TO HIGHWAY STANDARD 606001.

SIGN AND POST SCHEDULE

STATION	OFFSET	TYPE	SIGN PANEL T1 (SO FT)	TELES STL SIN SUPPORT (LF)
BELTLINE ROAD				
555+01	RT	R3-2	9	14
KEEBLER AVENUE				
51+43	LT	R3-2	9	14
52+45	LT	R3-2	9	14
BELTLINE ROAD				
554+80	RT			
TOTAL			27	42

- SIGN AND POST NOTES:**
- SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL QUANTITIES OF SIGN PANEL T1

EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
KEEBLER AVENUE					
45+18	54+00	900	675	76	599
BELTLINE ROAD					
549+00	557+43	420	315	259	56
TOTAL		1,320	990	335	655

- EARTHWORK NOTES:**
- ESTIMATED SHRINKAGE FACTOR = 25%.
 - APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY. EARTH EXCAVATION MAY NOT BE SUITABLE FOR USE AS EMBANKMENT AND SHALL BE REMOVED FROM THE RIGHT-OF-WAY. THE CITY RESERVES THE RIGHT TO EVALUATE EXCAVATED MATERIAL TO DETERMINE IF IT IS SUITABLE FOR EMBANKMENT (SEE SPECIAL PROVISIONS). AN APPROXIMATE EARTHWORK BALANCE AND QUANTITY IS SHOWN FOR INFORMATION ONLY.
 - ALL FINAL EARTH SURFACES SHALL BE COVERED WITH AT LEAST 4" OF CLEAN EARTH MATERIAL.

PAVEMENT SCHEDULE

STATION	STATION	OFFSET	AGG BSE CSE A 4 (SQ YD)	BIT MATLS PR CT (NOTE 1) (POUND)	HMA BC IL-19.0 N70 (NOTE 2) (TON)	HMA SC "D" N70 (NOTE 2) (TON)	HMA SHOULDERS 6 (SQ YD)
KEEBLER AVENUE							
45+18	49+66	LT	611	969	217	41	
45+18	49+07	CL		730		128	
49+13	49+64	RT	77	97	22	6	
50+27	54+00	CL		632		118	
50+38	51+23	RT	110	153	34	9	
50+38	53+77	LT	533	881	197	35	
BELTLINE ROAD							
549+00	553+44	RT	432	605	166	23	
549+05	549+22	RT					11
550+20	552+82	LT		107		20	30
554+13	555+34	RT	55				
554+14	557+43	LT	327	435	119	17	
555+20	555+34	RT					5
557+09	557+43	LT					18
TOTAL			2,145	4,609	755	397	64

PAVEMENT NOTES:

- BIT MATLS PR CT IS CALCULATED AT AN APPLICATION RATE OF 0.05 POUNDS/SO FT (MILLED SURFACES)
BIT MATLS PR CT IS CALCULATED AT AN APPLICATION RATE OF 0.25 POUNDS/SO FT (AGG BASES)
FOG COATS BETWEEN HMA LIFTS WILL NOT BE REQUIRED
- HOT-MIX ASPHALT QUANTITY IS CALCULATED AT A RATE OF 112 LBS/SO YD/INCH.

EROSION CONTROL SCHEDULE

STATION	STATION	OFFSET	EROSION CONTR BLANKET (SQ YD)	TEMP EROS SEED (POUND)	TEMP DITCH CHECKS (FOOT)	INLET & PIPE PROTECT (EACH)
KEEBLER AVENUE						
45+39	46+21	LT		1		
46+53	47+48	LT		2		
47+73	49+51	LT		4		
48+86	49+59	RT		8		
50+46	51+30	LT		1		
50+50	51+46	RT		1		
50+71	51+46	RT		3		
51+56	52+55	LT		0.5		
52+85	53+77	LT		1		
BELTLINE ROAD						
548+78	550+12	RT		5		
548+81	548+93	RT			8	
550+19		LT				1
550+19	553+32	LT		11		
550+26	550+66	RT		1		
550+87	551+62	RT		2		
551+97	553+17	RT		1		
553+24		RT				1
553+28		RT				1
554+07		RT				1
554+10		RT				1
554+17	556+58	LT		6		
554+24		LT				1
554+25	555+75	RT		0		
554+26		LT				1
554+30		RT				1
554+38		LT				1
555+10		LT				1
555+36		RT				1
555+15	555+62	RT	22	2		
557+03	557+13	LT	22	1		
557+10		LT				1
TOTAL			44	50	8	12

EROSION CONTROL NOTES:

- TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 POUNDS/ACRE PER APPLICATION.

ENTRANCE SCHEDULE

STATION (NOTE 1)	STATION	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	AGG BSE CSE A 4 (SQ YD)	AGG BSE CSE A 8 (SQ YD)	AGG SURF CSE A 6 (SQ YD)	AGG - TEMP ACCESS (NOTE 3) (TON)	HMA PAVT FD 6 (NOTE 5) (SQ YD)	INCIDENTAL HMA SURF (NOTE 4) (TON)	PCC DRIVEWAY PAVT 6 (NOTE 2) (SQ YD)	PCC DRIVEWAY PAVT 8 (NOTE 2) (SQ YD)
KEEBLER AVENUE														
46+40		LT	C.E.	36	18	CONC	144			130	108			36
46+58	49+54	LT	C.E.			ASPH		106				24		
51+43		LT	C.E.	30	14	ASPH	68			60	68			
51+55	52+52	LT	C.E.			ASPH	172					39		
51+56	51+61	LT	C.E.			ASPH	12					3		
52+44	52+51	LT	C.E.			ASPH	13					3		
52+69		LT	C.E.	24	17	ASPH	138			120	138			
53+13		LT	P.E.	18	12	CONC	32			30			32	
BELTLINE ROAD														
550+19		RT	P.E.	16	9	CONC	27			20			27	
550+77		RT	P.E.	24	7	AGG	16		16	10			16	
551+80		RT	C.E.	30	0	CONC	38			30				38
552+93	553+34	RT	C.E.			ASPH		14				3		
554+08	554+74	RT	C.E.			ASPH	336					75		
554+55	554.85	RT	C.E.			ASPH		8				2		
555+00	(NOTE 4)	RT	C.E.	30	23	ASPH	119			120	119	10		
555+14	555+39	RT	C.E.			ASPH		6				1		
556+81		LT	C.E.	43	0	ASPH	70			60	70			
TOTAL							1,185	134	16	580	503	160	75	74

ENTRANCE NOTES:

- PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE WIDTH AND LOCATION OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE SHEET 36 FOR ENTRANCE DETAILS.
- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CURB AND GUTTER, TYPE B-6.24.
- THE QUANTITY FOR AGGREGATE FOR TEMPORARY ACCESS ASSUMES TWO SEPARATE APPLICATIONS AT EACH ENTRANCE. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.
- THE QUANTITY FOR INCIDENTAL BITUMINOUS SURFACING IS FOR THE PARKING LOTS.
- THE ENTRANCES TO THE PARKING LOTS WILL BE CONSTRUCTED UNDER THE PAY ITEM HMA PAVT FD 6 (2" SURFACE COURSE AND 4" BINDER COURSE).

SEEDING SCHEDULE

STATION	STATION	OFFSET	SODDING (SQ YD)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASSIUM FERT NUTR (NOTE 1) (POUND)
KEEBLER AVENUE						
45+39	46+21	LT	41	0.5	0.5	0.5
46+53	47+48	LT	94	1.2	1.2	1.2
47+73	49+51	LT	202	2.5	2.5	2.5
50+46	51+30	LT	371	4.6	4.6	4.6
50+50	51+46	RT	66	0.8	0.8	0.8
50+71	51+46	RT	26	0.3	0.3	0.3
51+56	52+55	LT	131	1.6	1.6	1.6
52+85	53+04	LT	22	0.3	0.3	0.3
53+22	53+77	LT	31	0.4	0.4	0.4
BELTLINE ROAD						
548+62	550+12	RT	258	3.2	3.2	3.2
550+19	553+32	LT	543	6.7	6.7	6.7
550+26	550+66	RT	52	0.6	0.6	0.6
550+87	551+62	RT	73	0.9	0.9	0.9
551+97	553+17	RT	53	0.7	0.7	0.7
554+17	556+58	LT	294	3.6	3.6	3.6
554+25	555+75	RT	15	0.2	0.2	0.2
555+15	555+62	RT	95	1.2	1.2	1.2
557+03	557+13	LT	45	0.6	0.6	0.6
TOTAL			2,412	30	30	30

SEEDING NOTES:

- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS CALCULATED AT A RATE OF 60 LBS/ACRE.

SIDEWALK SCHEDULE

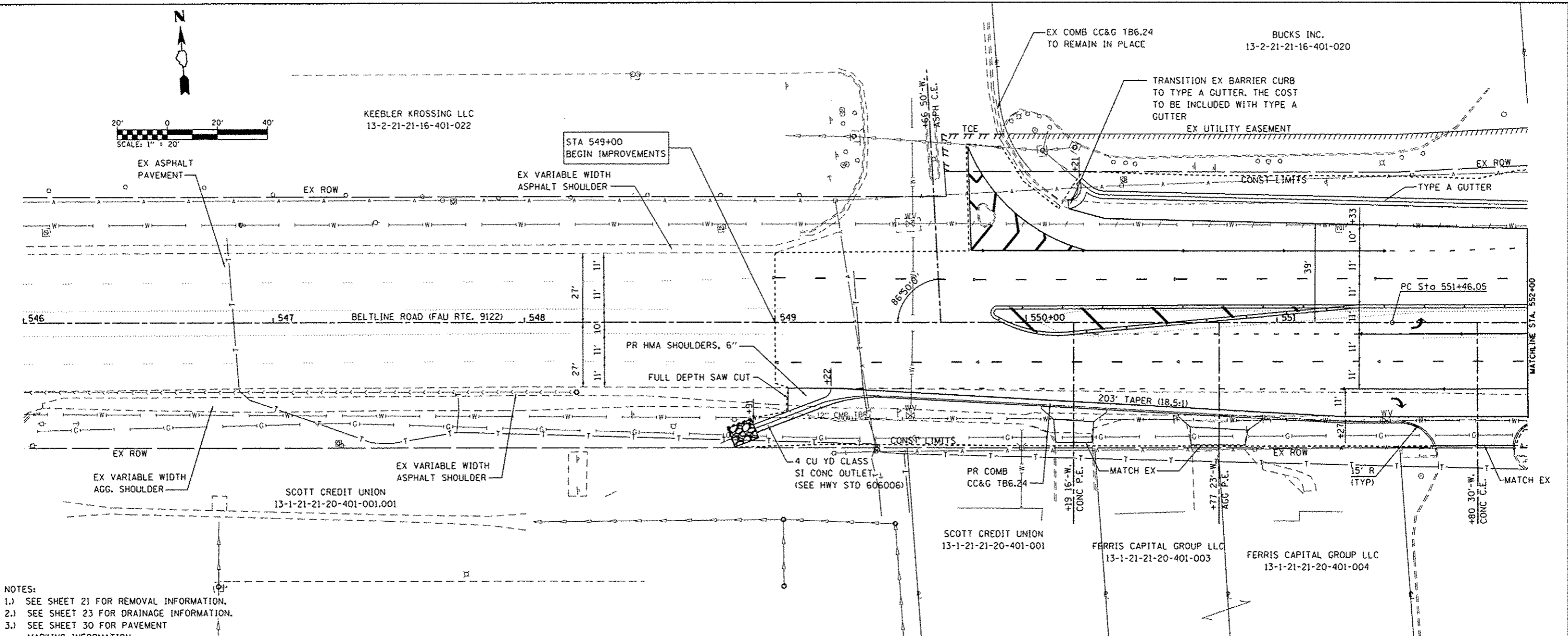
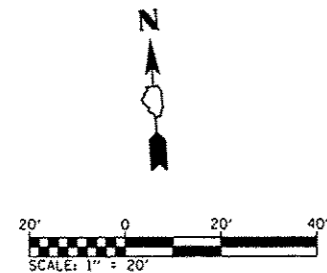
STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 3) (SQ FT)	PC CONC SIDEWALK 6 (NOTE 1 & 3) (SQ FT)	DETECTABLE WARNINGS (NOTE 2) (SQ FT)
KEEBLER AVENUE					
45+39	46+19	LT	373	86	
46+52	48+42	LT			
46+62	49+51	LT	1,718	200	24
48+83	49+51	RT	440	182	24
50+40	50+66	LT	403	156	24
50+46	51+47	RT	538	238	32
TOTAL			3,472	862	104

SIDEWALK NOTES:

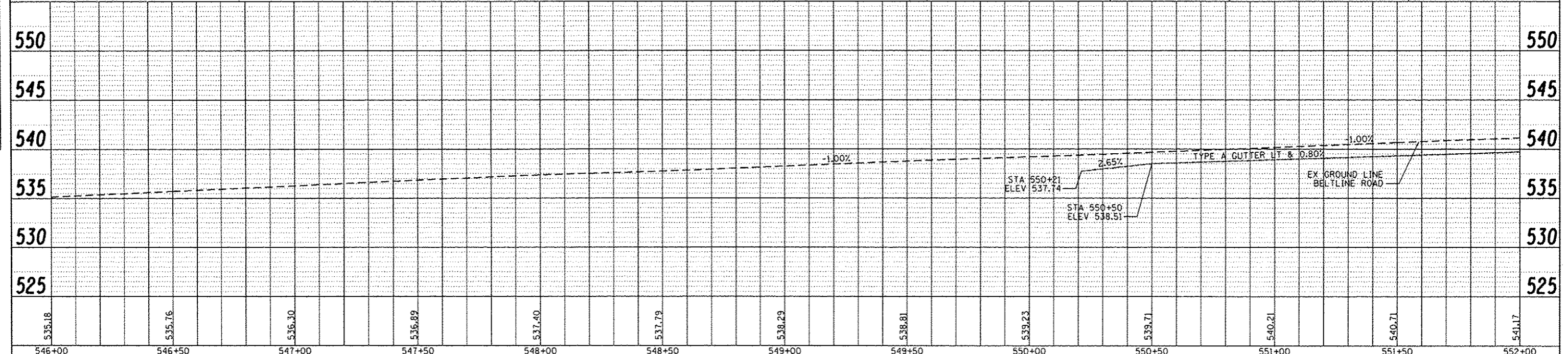
- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED, AND SHALL BE PAID FOR AS PCC CONCRETE SIDEWALK, 6". SEE HATCHING ON PARKING LOT DETAIL SHEETS FOR 6" LIMITS. SEE HIGHWAY STANDARD 424001 FOR SIDEWALK RAMP DETAILS.
- DETECTABLE WARNING PANELS SHALL BE RED, PRECAST CONCRETE PANELS WITH TRUNCATED DOMES.

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- NOTES:
- 1.) SEE SHEET 21 FOR REMOVAL INFORMATION.
 - 2.) SEE SHEET 23 FOR DRAINAGE INFORMATION.
 - 3.) SEE SHEET 30 FOR PAVEMENT MARKING INFORMATION.



546+00	546+50	547+00	547+50	548+00	548+50	549+00	549+50	550+00	550+50	551+00	551+50	552+00
535.18	535.76	536.30	536.89	537.40	537.79	538.29	538.81	539.23	539.71	540.21	540.71	541.17

FILE NAME	USER NAME	DESIGNED	REVISED
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	profile-Beltline.dgn	DRAWN	JTH
		CHECKED	-
		DATE	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BELTLINE ROAD PLAN AND PROFILE SHEETS

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 546+00 TO STA. 552+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	14
BELTLINE/KEEBLER INT IMPROVEMENTS			CONTRACT NO. 97440	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT CMM-50112341	

BELTLINE/KEEBLER INTERSECTION
STAGE I - CONSTRUCTION OF JACKED IN PLACE STORM SEWER

1. MAINTAIN TRAFFIC ON EX PAVEMENT
2. SET UP CHANGEABLE MESSAGE SIGNS AND TRAFFIC CONTROL FOR STAGE I PER HIGHWAY STANDARDS 701006, 701101, AND 701701. MESSAGE SIGNS SHALL BE ERECTED A MINIMUM OF 2 WEEKS PRIOR TO WORK STARTING. AN ASSUMED QUANTITY OF (4) CALENDER MONTHS PER MESSAGE SIGN HAS BEEN INCLUDED IN THE PLANS. TRAFFIC CONTROL PER STD. 701701 MAY BE USED IF NEEDED.
3. REMOVE EXISTING CURB AND GUTTER AND PAVEMENT NECESSARY TO CONSTRUCT STORM SEWER.
4. CONSTRUCT PROPOSED STORM SEWER JACKED IN PLACE ACROSS BELTLINE ROAD CONSTRAINING ALL CONSTRUCTION OPERATIONS WITHIN THE BORE PIT WORK AREAS SHOWN.
5. GRADE AND SHAPE DITCH IN NE QUADRANT TO ALLOW STORMWATER TO CONTINUE FLOWING INTO EXISTING STORM SEWER SYSTEM.
6. SET UP TRAFFIC CONTROL FOR STAGE II.

NOTES

STOP SIGNS AND STREET SIGNS AT SIDE ROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. SIGNS FURNISHED BY THE CONTRACTOR SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL & PROTECTION, (SPL).

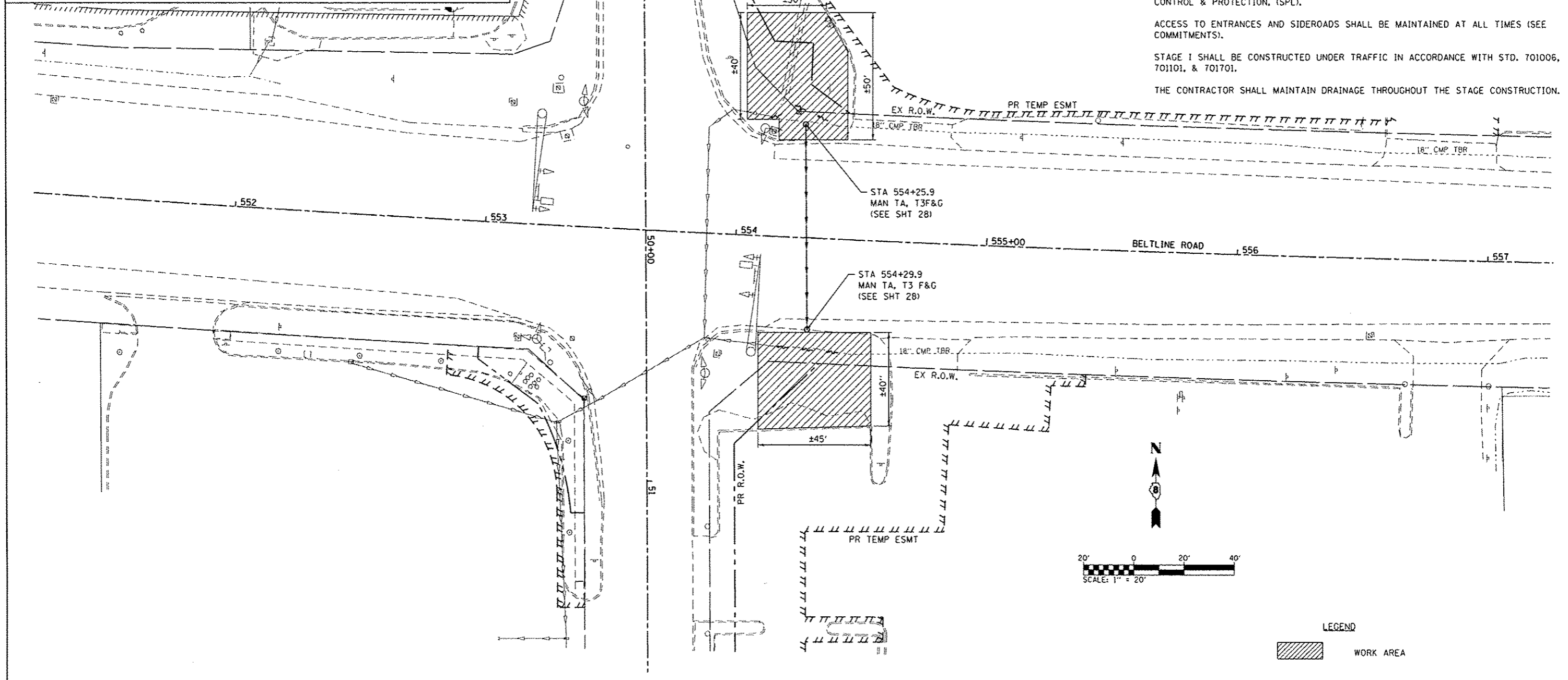
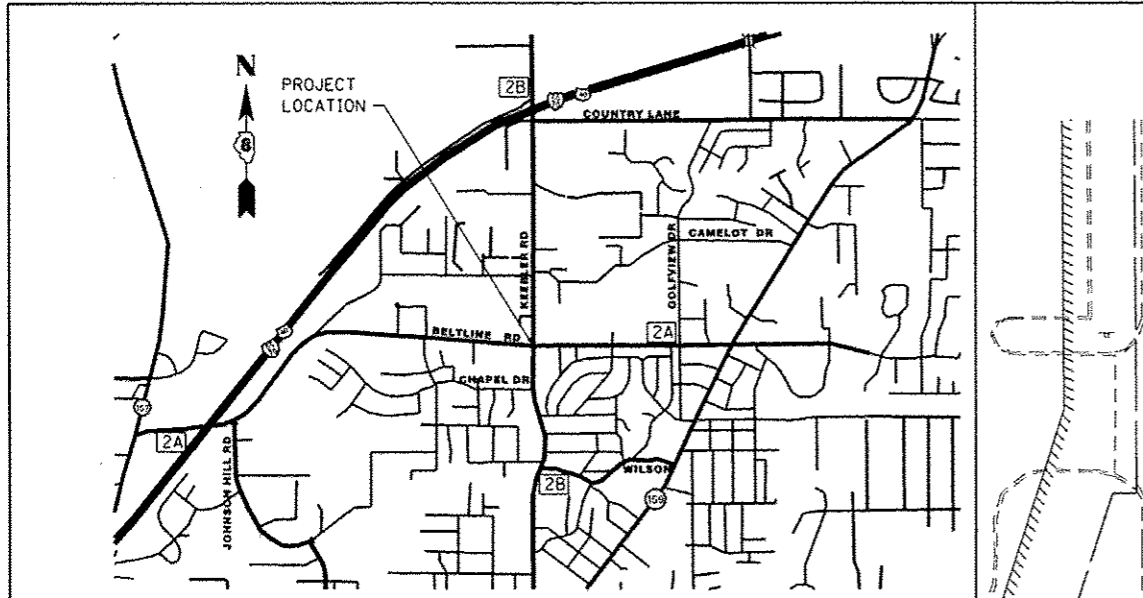
ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES (SEE COMMITMENTS).

STAGE I SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701006, 701101, & 701701.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

LEGEND

- 1 TYPE III BARRICADES, E-5-2A(0)-4824 (ABOVE BARRICADE ON BOTH SIDES), AND TYPE A LOW INTENSITY FLASHING LIGHTS
- 2A CHANGEABLE MESSAGE SIGN "INTERSECTION WORK AT KEEBLER RD./LANE RESTRICTIONS MAY APPLY"
- 2B CHANGEABLE MESSAGE SIGN "INTERSECTION WORK AT BELTLINE RD./LANE RESTRICTIONS MAY APPLY"
- ☼ TYPE A LOW INTENSITY FLASHING LIGHT
- ||| BARRICADE



LEGEND

- ▨ WORK AREA

FILE NAME *	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -
H:\P\26841\dgn\Cadd Sheets\0826841-sh1	rafer@l.dgn	DRAWN - JTH	REVISED -
	PLOT SCALE * 40,0000 / in.	CHECKED -	REVISED -
	PLOT DATE * 10/8/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I HIGHWAY CONSTRUCTION

SCALE: 1"=20' SHEET NO. 1 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	18
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
CITY OF COLLINSVILLE ILLINOIS			FED. AID PROJECT CUM-5011 (234)	

BELTLINE/KEEBLER INTERSECTION
STAGE II - CONSTRUCTION OF TRAFFIC SIGNALS AND STORM SEWER

1. MAINTAIN TRAFFIC ON EX PAVEMENT
2. REMOVE EXISTING CURB AND GUTTER, PAVEMENT, AND SIDEWALK NECESSARY TO CONSTRUCT TRAFFIC SIGNALS.
3. CONSTRUCT PROPOSED TRAFFIC SIGNALS, CONDUIT, AND CABLES AND RUN TRAFFIC SIGNALS ON FIXED TIME USING THE EXISTING PHASING. COVER UNUSED SIGNAL HEADS AND SIGNS.
4. REMOVE EXISTING TRAFFIC SIGNALS.
5. CONSTRUCT PROPOSED STORM SEWER FOR SOUTHWEST AND SOUTHEAST QUADRANTS OF BELTLINE ROAD/KEEBLER AVENUE INTERSECTION INCLUDING TEMPORARY STORM SEWER RUN FROM STATION 553+89 TO STATION 554+10.
6. CONSTRUCT PROPOSED STORM SEWER FOR NORTHEAST QUADRANT OF INTERSECTION AS SHOWN. PLUG AND ABANDON EXISTING SEWER ACROSS BELTLINE ROAD.
7. SET UP TRAFFIC CONTROL FOR STAGE III.

NOTES

STOP SIGNS AND STREET SIGNS AT SIDE ROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. SIGNS FURNISHED BY THE CONTRACTOR SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL & PROTECTION, (SPL).

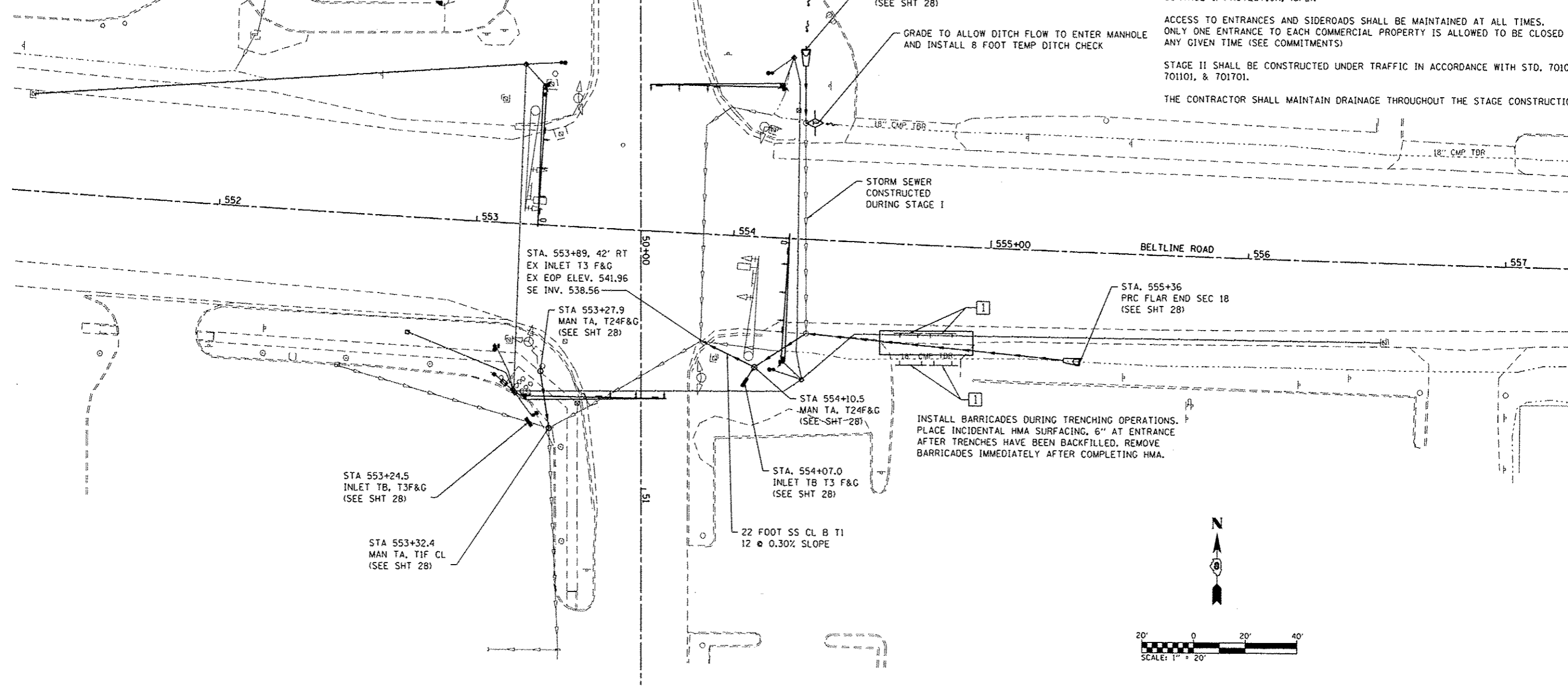
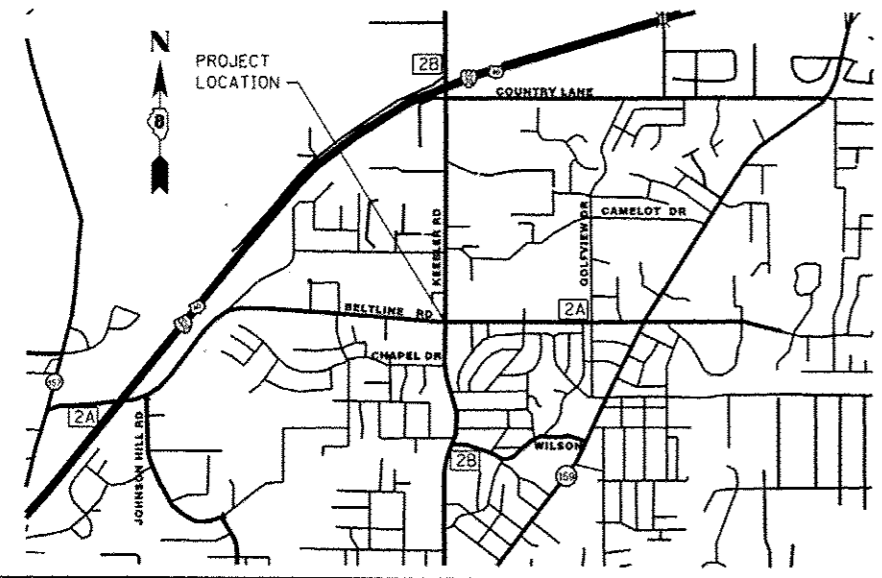
ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES. ONLY ONE ENTRANCE TO EACH COMMERCIAL PROPERTY IS ALLOWED TO BE CLOSED AT ANY GIVEN TIME (SEE COMMITMENTS)

STAGE II SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701006, 701101, & 701701.

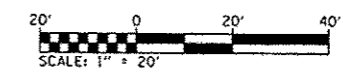
THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

LEGEND

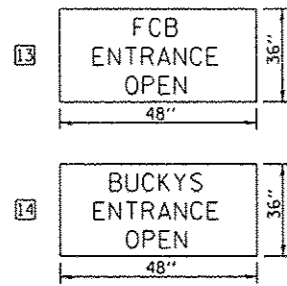
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	CHANGEABLE MESSAGE SIGN "INTERSECTION WORK AT KEEBLER RD./LANE RESTRICTIONS MAY APPLY"		
	CHANGEABLE MESSAGE SIGN "INTERSECTION WORK AT BELTLINE RD./LANE RESTRICTIONS MAY APPLY"		
	TYPE A LOW INTENSITY FLASHING LIGHT		



INSTALL BARRICADES DURING TRENCHING OPERATIONS. PLACE INCIDENTAL HMA SURFACING, 6" AT ENTRANCE AFTER TRENCHES HAVE BEEN BACKFILLED, REMOVE BARRICADES IMMEDIATELY AFTER COMPLETING HMA.



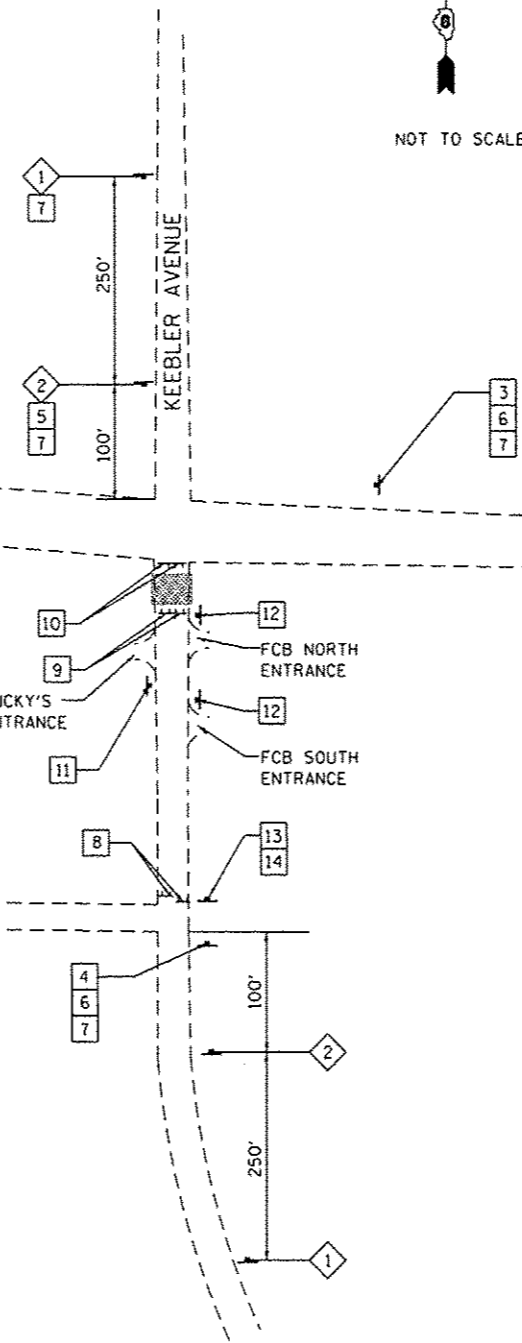
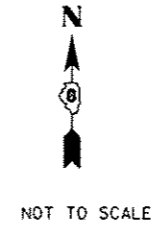
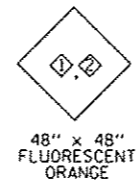
FILE NAME * H:\P\25041\dgn\Cadd Sheets\0826041-sh1-	USER NAME * trovis.helkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II HIGHWAY CONSTRUCTION		F.A.U. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 19
	PLLOT SCALE * 40.0000' / 1" =	CHECKED - JTH	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 5 SHEETS	Beltline/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
	PLLOT DATE * 10/0/2015	DATE -	REVISED -				CITY OF COLLINSVILLE ILLINOIS		FED. AID PROJECT CMM-5011 (234)		



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LEGEND

① ROAD CLOSED AHEAD-W20-310)-48	WORK ZONE (TYP.)
② DETOUR AHEAD-W20-210)-48	
③ ROAD CLOSED-R11-210)-4830	
④ DETOUR-M4-810)-2412	
⑤ 24" x 24"	
⑥ 24" x 24"	
⑦ 36" x 12"	KEEBLER AVE
⑧ TYPE III BARRICADES, R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC) SIGNS, M4-10L-4818 (DETOUR INSIDE ARROW), AND TYPE A LOW INTENSITY FLASHING LIGHTS	
⑨ TYPE III BARRICADES, R-11-2-6030 (ROAD CLOSED) SIGNS, AND TYPE A LOW INTENSITY FLASHING LIGHTS	
⑩ TYPE III BARRICADES, R-11-2-6030 (ROAD CLOSED) SIGNS, M4-10R-4818 (DETOUR INSIDE ARROW), AND TYPE A LOW INTENSITY FLASHING LIGHTS	
⑪ DETOUR INSIDE ARROW-M4-10R-4818	
⑫ DETOUR INSIDE ARROW-M4-10L-4818	
☀ TYPE A LOW INTENSITY FLASHING LIGHT	BARRICADES
	SIGNAGE



BELTLINE/KEEBLER INTERSECTION STAGE III - STORM SEWER CONSTRUCTION ACROSS KEEBLER AVENUE

1. ADJUST MESSAGE ON CHANGEABLE MESSAGE SIGNS TO READ "KEEBLER RD SOUTH OF BELTLINE TO BE CLOSED ON (DATE)". THIS MESSAGE SHALL BE CHANGED 2 WEEKS PRIOR TO CLOSURE.
2. MAINTAIN TRAFFIC ON BELTLINE ROAD. KEEBLER ROAD TO BE CLOSED TO TRAFFIC.
3. FULL DEPTH SAWCUT PAVEMENT TO BE REMOVED FOR STORM SEWER REMOVAL & PROPOSED CONSTRUCTION WITH TRAFFIC CONTROL PER STD 701501 NEAR STATION 50+50 (KEEBLER).
4. SET UP TRAFFIC CONTROL FOR STAGE III.
5. REMOVE PAVEMENT, EXCAVATE, CONSTRUCT PROPOSED STORM SEWER, AND REMOVE EXISTING STORM SEWER ACROSS KEEBLER AVENUE. BACKFILL WITH CONTROLLED LOW STRENGTH MATERIAL, & CONSTRUCT PAVEMENT PATCH ON EXCAVATED AREA. REMOVE 22 FOOT STORM SEWER CLASS B, 12" AND CONNECT TO STORM SEWER CONSTRUCTED DURING STAGE II.
6. SET UP TRAFFIC CONTROL FOR STAGE IV.

NOTES

ACCESS TO BUCKY'S GAS STATION, FCB, AND PRIVATE DRIVES WITHIN THE CLOSURE LIMITS SHALL REMAIN OPEN & OPERATIONAL TO LOCAL TRAFFIC AT ALL TIMES, EXCEPT FOR WORK ZONE (SEE COMMITMENTS).

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.

TYPE III BARRICADES AND ROAD CLOSURES SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.

CLOSURE AND WORK DURING STAGE III TO BE PERFORMED ON WEEKENDS ONLY. WORK SHALL BE COMPLETED BY 5:00 PM SUNDAY EVENING

FILE NAME *	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE III HIGHWAY CONSTRUCTION	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\P\26841\dgn\Cadd Sheets\0826841-sh-	rafentz.l.dgn	DRAWN - JTH	REVISED -			9122	06-00088-00-TL	MADISON	57	20	
	PLOT SCALE * 40.0000' / in.	CHECKED -	REVISED -			SCALE: NONE		SHEET NO. 3 OF 5 SHEETS		CONTRACT NO. 97440	
	PLOT DATE * 10/8/2015	DATE -	REVISED -			BELTLINE/KEEBLER INT. IMPROVEMENTS CITY OF COLLINGSVILLE ILLINOIS FED. AID PROJECT CMM-501 12340					

BELTLINE/KEEBLER INTERSECTION
STAGE IV - PAVEMENT WIDENING

1. MAINTAIN TRAFFIC ON EX PAVEMENT.
2. SET UP TRAFFIC CONTROL FOR STAGE IV AT THE SOUTHWEST QUADRANT OF BELTLINE/KEEBLER.
3. REMOVE EXISTING STORM SEWER IN THE SOUTHWEST QUADRANT OF BELTLINE/KEEBLER.
4. REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SHOULDER, SIDEWALK, AND ENTRANCES.
5. PLACE AGGREGATE FOR TEMPORARY ACCESS @ STA. 551+80 (BUCKY'S)
6. CONSTRUCT PROPOSED CURB & GUTTER, PAVEMENT, SHOULDER, & SIDEWALK.
7. TAKE DOWN TRAFFIC CONTROL FOR STAGE IV AT THE SOUTHWEST QUADRANT OF BELTLINE/KEEBLER.
8. SET UP TRAFFIC CONTROL FOR STAGE IV AT THE SOUTHEAST QUADRANT OF BELTLINE/KEEBLER.
9. REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SHOULDER, SIDEWALK, AND ENTRANCES.
10. CONSTRUCT PROPOSED ENTRANCES, CURB & GUTTER, PAVEMENT, SHOULDER, & SIDEWALK.
11. TAKE DOWN TRAFFIC CONTROL FOR STAGE IV AT THE SOUTHEAST QUADRANT OF BELTLINE/KEEBLER.

NOTES

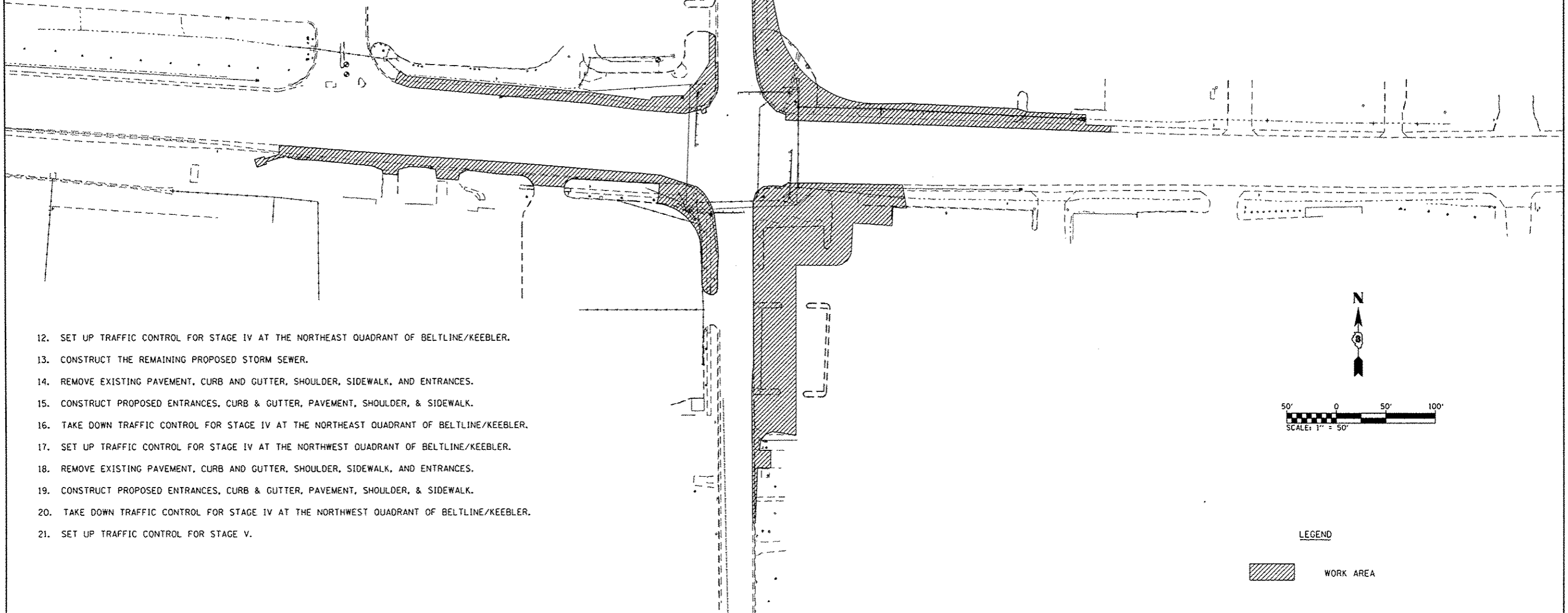
STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. SIGNS FURNISHED BY THE CONTRACTOR SHALL BE INCLUDED IN THE UNIT COST FOR TRAFFIC CONTROL & PROTECTION, (SPL).

ONLY ONE ENTRANCE TO EACH COMMERCIAL PROPERTY IS ALLOWED TO BE UNDER CONSTRUCTION AT ANY GIVEN TIME. REMOVAL OF ANOTHER ENTRANCE IS NOT ALLOWED TO BEGIN UNTIL THE PREVIOUS ENTRANCE IS COMPLETE AND FULLY OPERATIONAL (SEE COMMITMENTS).

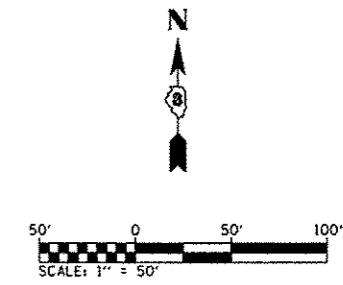
REMOVAL AND CONSTRUCTION OF ALL PAVEMENT, SHOULDERS, CURB AND GUTTER, ETC. IS TO BE PERFORMED ONE QUADRANT OF THE INTERSECTION OF BELTLINE ROAD AND KEEBLER AVENUE AT A TIME. CONSTRUCTION ON THE NEXT QUADRANT IS NOT ALLOWED TO BEGIN UNTIL THE PREVIOUS QUADRANT HAS BEEN COMPLETED.

STAGE IV SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701326, STD. 701501, & STD. 701701.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.



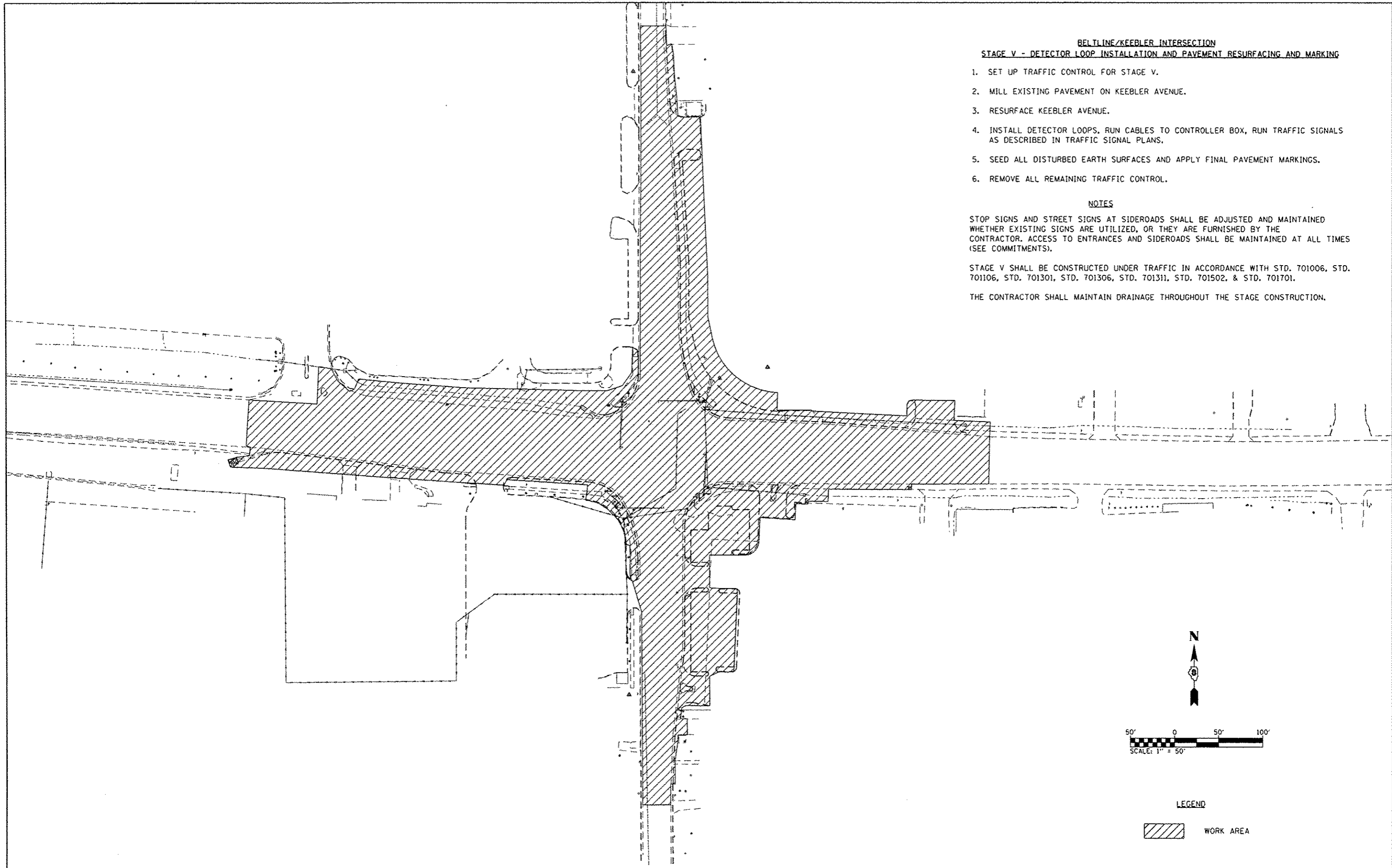
12. SET UP TRAFFIC CONTROL FOR STAGE IV AT THE NORTHEAST QUADRANT OF BELTLINE/KEEBLER.
13. CONSTRUCT THE REMAINING PROPOSED STORM SEWER.
14. REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SHOULDER, SIDEWALK, AND ENTRANCES.
15. CONSTRUCT PROPOSED ENTRANCES, CURB & GUTTER, PAVEMENT, SHOULDER, & SIDEWALK.
16. TAKE DOWN TRAFFIC CONTROL FOR STAGE IV AT THE NORTHEAST QUADRANT OF BELTLINE/KEEBLER.
17. SET UP TRAFFIC CONTROL FOR STAGE IV AT THE NORTHWEST QUADRANT OF BELTLINE/KEEBLER.
18. REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SHOULDER, SIDEWALK, AND ENTRANCES.
19. CONSTRUCT PROPOSED ENTRANCES, CURB & GUTTER, PAVEMENT, SHOULDER, & SIDEWALK.
20. TAKE DOWN TRAFFIC CONTROL FOR STAGE IV AT THE NORTHWEST QUADRANT OF BELTLINE/KEEBLER.
21. SET UP TRAFFIC CONTROL FOR STAGE V.



LEGEND

WORK AREA

FILE NAME * H:\P\26041\dgn\Cadd Sheets\0826041-sh...-pofcntrl.dgn	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV HIGHWAY CONSTRUCTION		F.A.U. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 21
PLOT SCALE * 100.0000' / 1"	CHECKED -	REVISED -	BELTLINE/KEEBLER INT. IMPROVEMENTS				CONTRACT NO. 97440				
PLOT DATE * 10/8/2015	DATE -	REVISED -	CITY OF COLLINSVILLE [ILLINOIS]				FED. AID PROJECT CMA-5011 12341				
							SCALE: 1"=50'	SHEET NO. 4 OF 5 SHEETS			



BELTLINE/KEEBLER INTERSECTION
STAGE V - DETECTOR LOOP INSTALLATION AND PAVEMENT RESURFACING AND MARKING

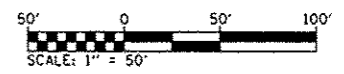
1. SET UP TRAFFIC CONTROL FOR STAGE V.
2. MILL EXISTING PAVEMENT ON KEEBLER AVENUE.
3. RESURFACE KEEBLER AVENUE.
4. INSTALL DETECTOR LOOPS, RUN CABLES TO CONTROLLER BOX, RUN TRAFFIC SIGNALS AS DESCRIBED IN TRAFFIC SIGNAL PLANS.
5. SEED ALL DISTURBED EARTH SURFACES AND APPLY FINAL PAVEMENT MARKINGS.
6. REMOVE ALL REMAINING TRAFFIC CONTROL.

NOTES

STOP SIGNS AND STREET SIGNS AT SIDEROADS SHALL BE ADJUSTED AND MAINTAINED WHETHER EXISTING SIGNS ARE UTILIZED, OR THEY ARE FURNISHED BY THE CONTRACTOR. ACCESS TO ENTRANCES AND SIDEROADS SHALL BE MAINTAINED AT ALL TIMES (SEE COMMITMENTS).

STAGE V SHALL BE CONSTRUCTED UNDER TRAFFIC IN ACCORDANCE WITH STD. 701006, STD. 701106, STD. 701301, STD. 701306, STD. 701311, STD. 701502, & STD. 701701.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE STAGE CONSTRUCTION.



LEGEND

WORK AREA





FILE NAME * H:\P\26841\dgn\Cadd Sheets\0826841-ht-	USER NAME * travis.helmkamp refcns1.dgn	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE V HIGHWAY CONSTRUCTION	F.A.U. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 22	
	PLOT SCALE * 100.0000 / in.	CHECKED -	REVISED -			SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS					
	PLOT DATE * 10/8/2015	DATE -	REVISED -			BELTLINE/KEEBLER INT. IMPROVEMENTS CONTRACT NO. 97440					
						CITY OF COLLINGSVILLE ILLINOIS FED. AID PROJECT EMM-5011 (234)					

TACO BELL, CORP.
13-2-21-21-16-401-021

FAIRMONT BOWL, INC.
13-1-21-22-13-304-022

COLLINSVILLE BUILDING AND LOAN ASSN
13-2-21-22-13-301-023

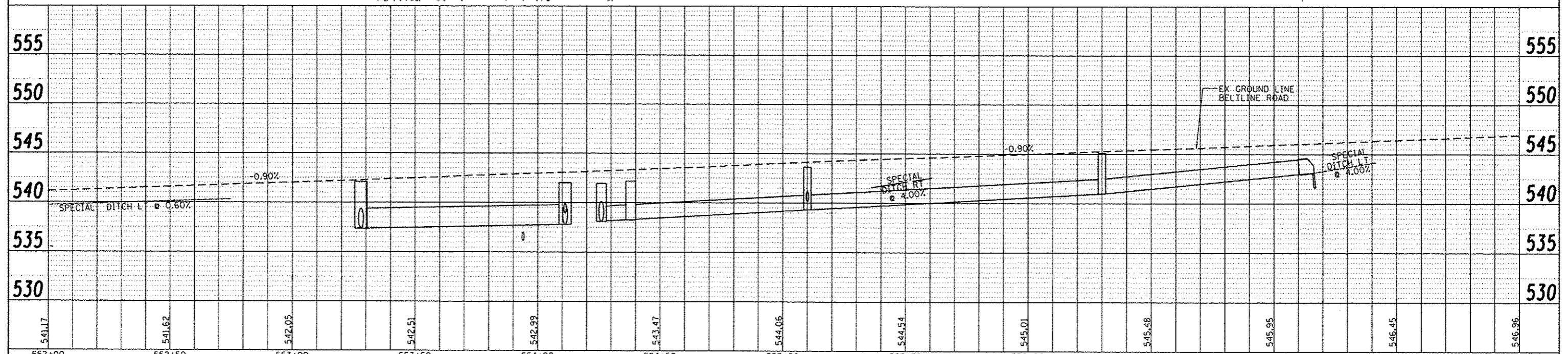
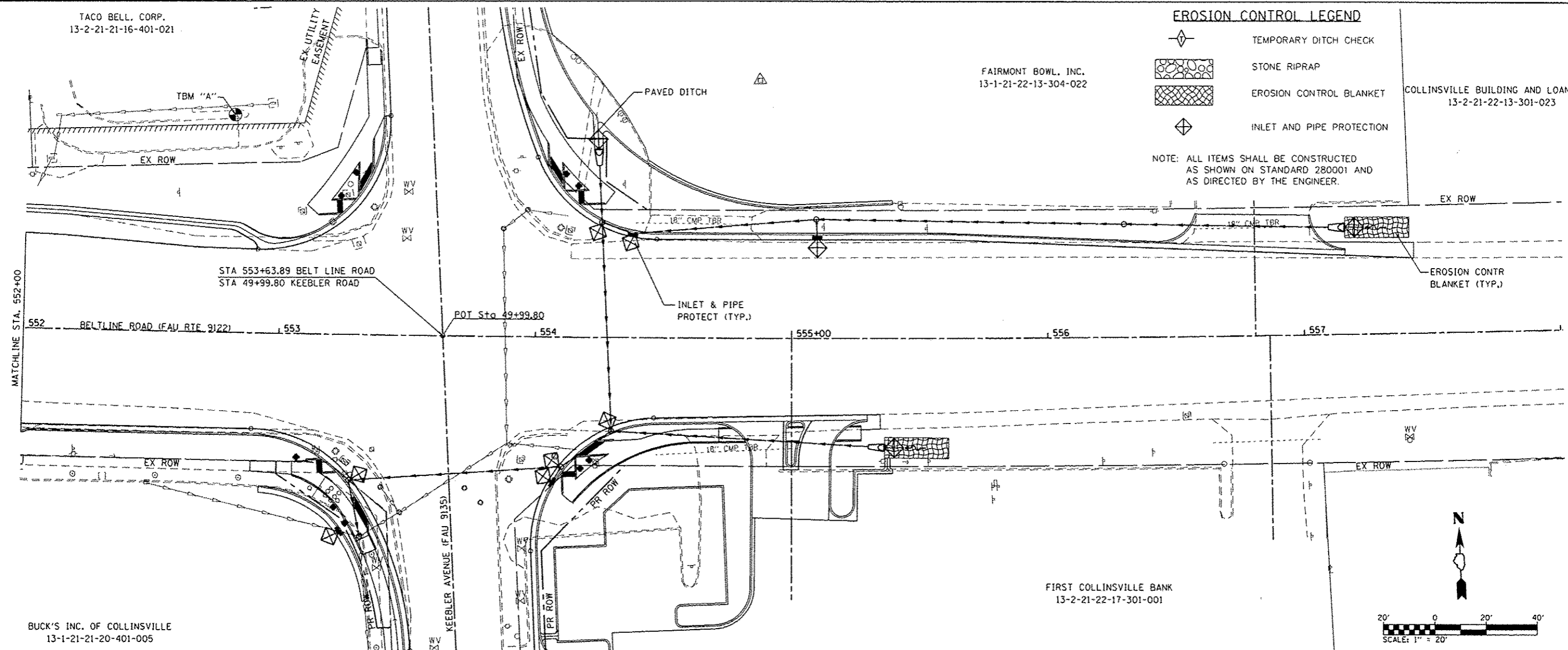
EROSION CONTROL LEGEND

-  TEMPORARY DITCH CHECK
-  STONE RIPRAP
-  EROSION CONTROL BLANKET
-  INLET AND PIPE PROTECTION

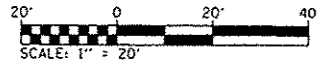
NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

PLAN	DATE
STARTED	
PLOTTED	
NOTES CHECKED	
BY	
NO.	

PROFILE	DATE
STARTED	
PLOTTED	
NOTES CHECKED	
BY	
NO.	

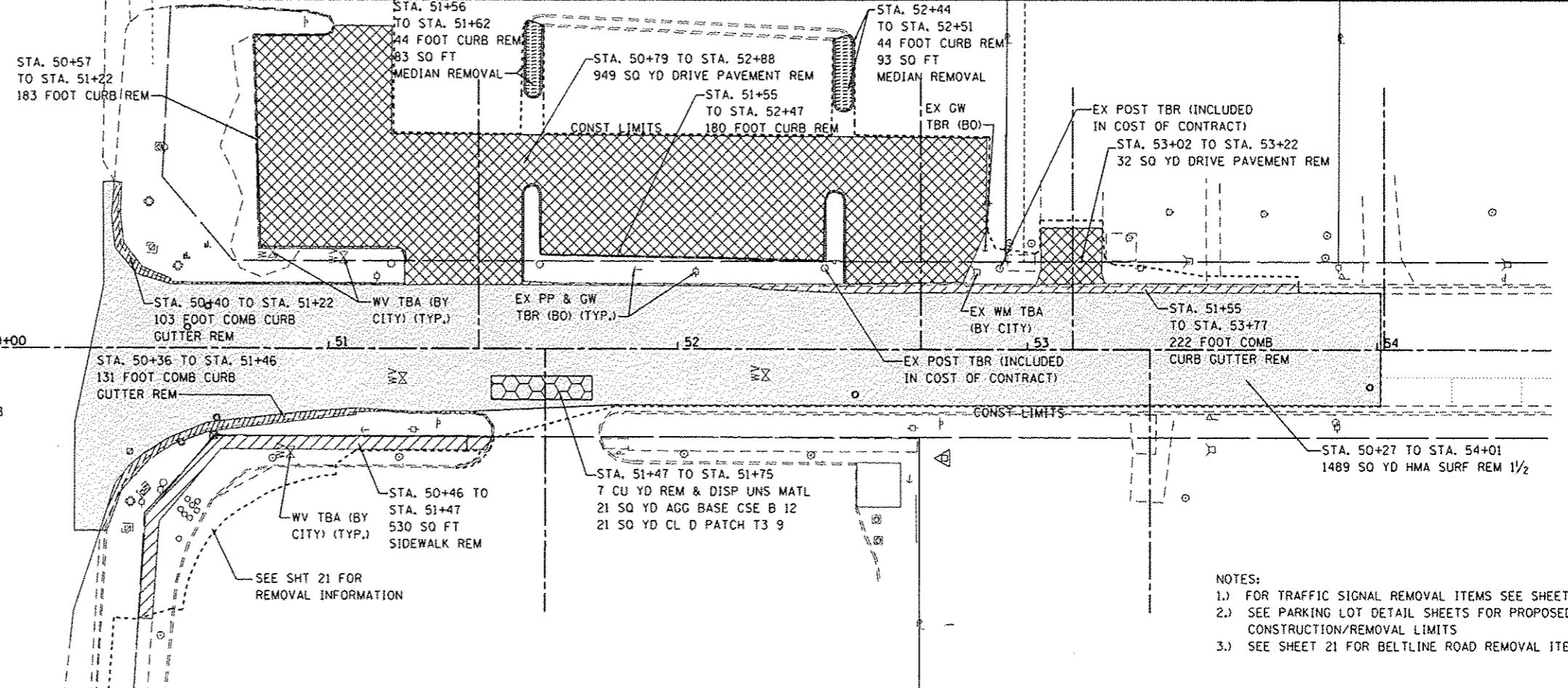
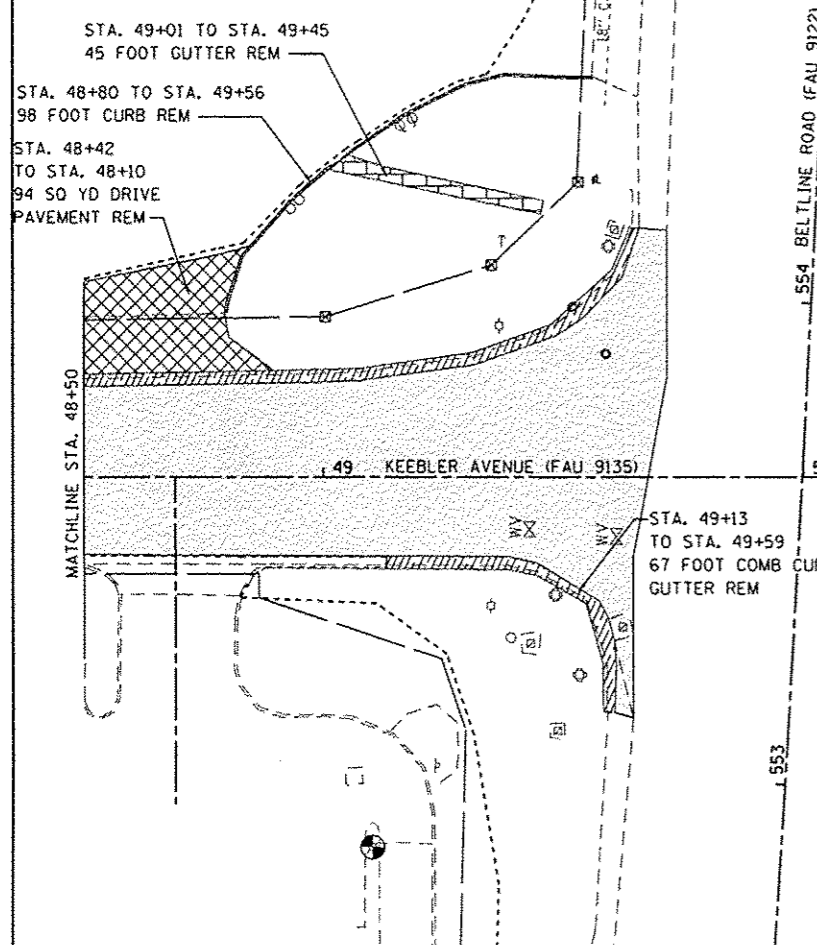
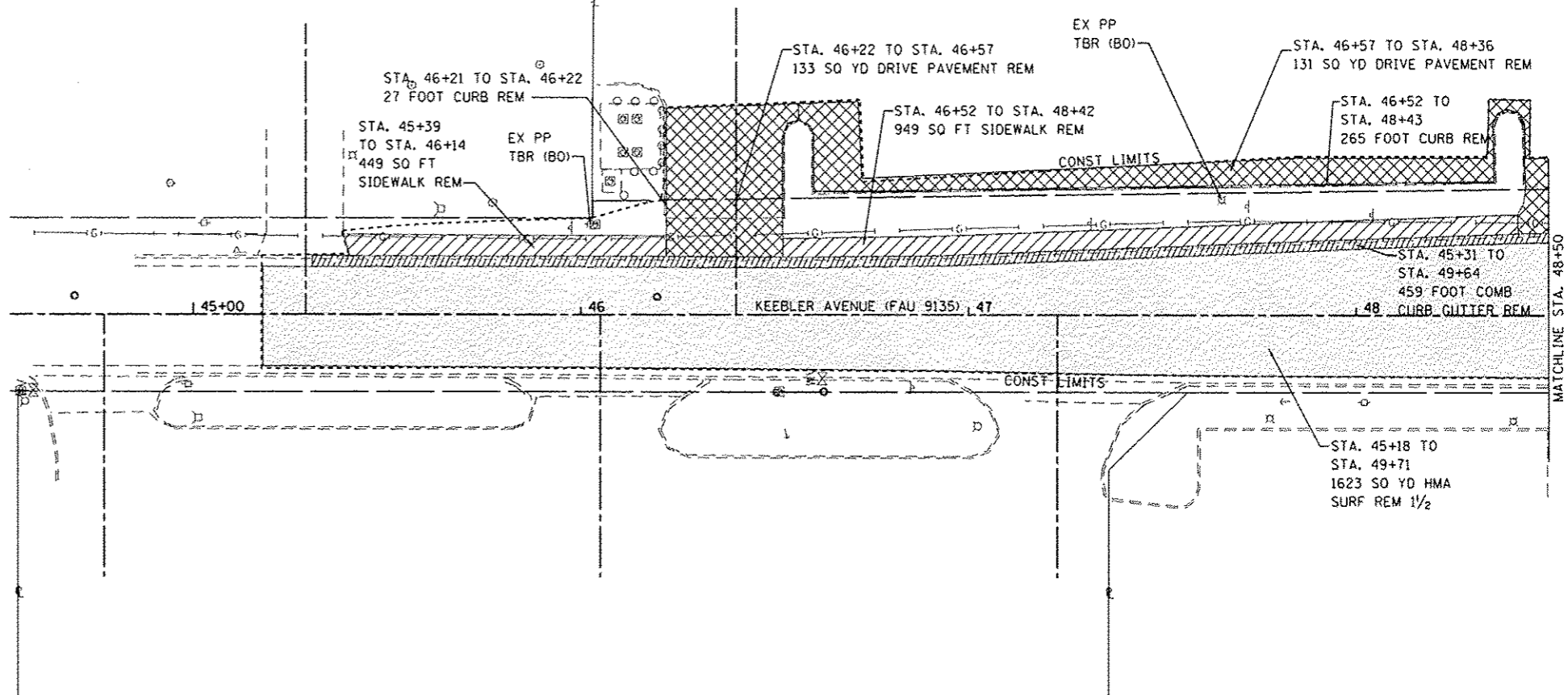


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	as-Beltline.dgn	DRAWN: JTH	REVISED:			9122	06-00088-00-TL	MADISON	57	24	
	PLOT SCALE: 10.0000' / in.	CHECKED:	REVISED:			BELTLINE/KEEBLER INT IMPROVEMENTS		CONTRACT NO. 97440			
	PLOT DATE: 10/9/2015	DATE:	REVISED:			SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS	STA. 552+00 TO STA. 558+00	ILLINOIS FED. AID PROJECT CMM-5011 12341		



REMOVAL PLAN LEGEND

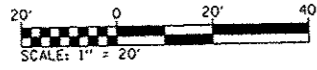
- CURB AND GUTTER REM
- CURB REM
- GUTTER REM
- HMA SURF REM 1/2"
- DRIVE PAVEMENT REM
- SIDEWALK REM
- PAVEMENT REM
- BASE REPAIR
- CONC MEDIAN REMOV



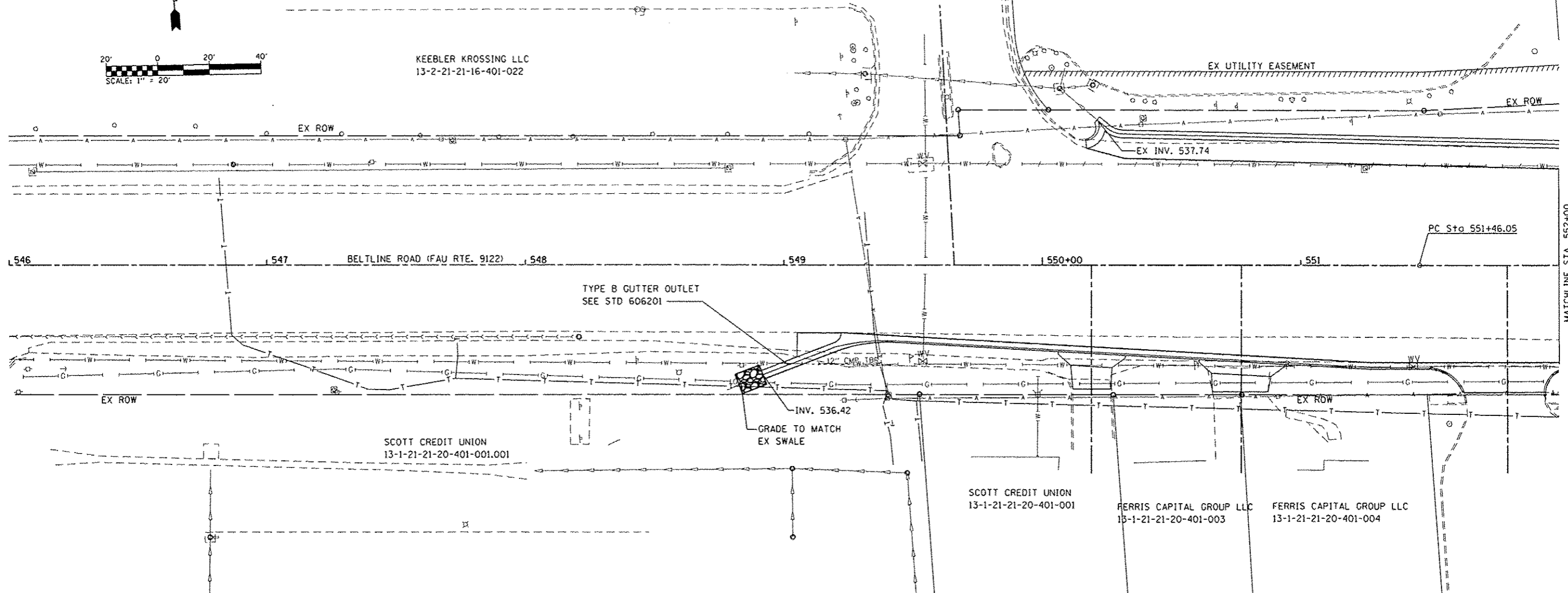
- NOTES:
- 1.) FOR TRAFFIC SIGNAL REMOVAL ITEMS SEE SHEET 33
 - 2.) SEE PARKING LOT DETAIL SHEETS FOR PROPOSED CONSTRUCTION/REMOVAL LIMITS
 - 3.) SEE SHEET 21 FOR BELTLINE ROAD REMOVAL ITEMS

FILE NAME * H:\P\26841\dgn\Cadd Sheets\0826041-shr-removal.dgn	USER NAME * trovis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KEEBLER AVENUE REMOVAL PLANS	F.A. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 26
PLOT SCALE * 1/8" = 1' 0"				SCALE: 1" = 20'		SHEET NO. 2 OF 2 SHEETS		STA. 44+50.00 TO STA. 54+50.00		
PLOT DATE * 10/8/2015				DATE -		BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT CMM-5011 (234)		

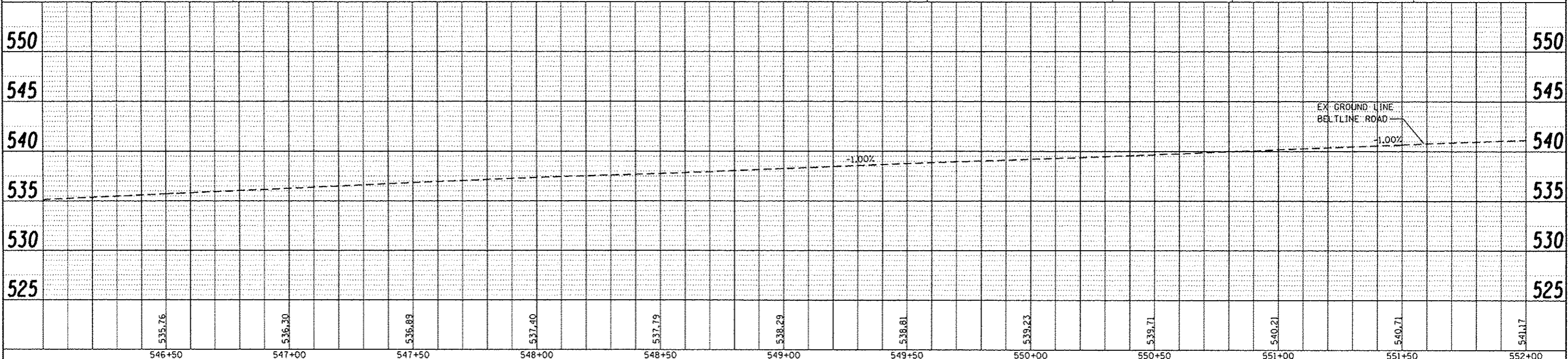
BUCKS INC.
13-2-21-21-16-401-020



KEEBLER KROSSING LLC
13-2-21-21-16-401-022



MATCHLINE STA. 552+00



DATE	
BY	
PL AN	
REVISIONS	
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NO. 10	

FILE NAME +	USER NAME + travis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MIN:\26941\dgn\Cadd Sheets\0826041-shc-d	bin-Beltline.dgn	DRAWN - JTH	REVISED -			9122	06-00088-00-TL	MADISON	57	27	
	PLOT SCALE + 48.0000 / in.	CHECKED -	REVISED -			BELTLINE/KEEBLER INT IMPROVEMENTS CONTRACT NO. 97440					
	PLOT DATE + 10/9/2015	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CMM-50112341					

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 546+00 TO STA. 552+00

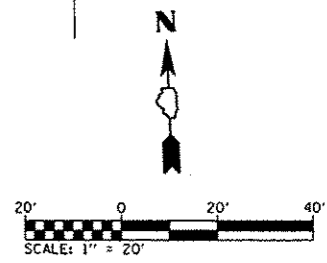
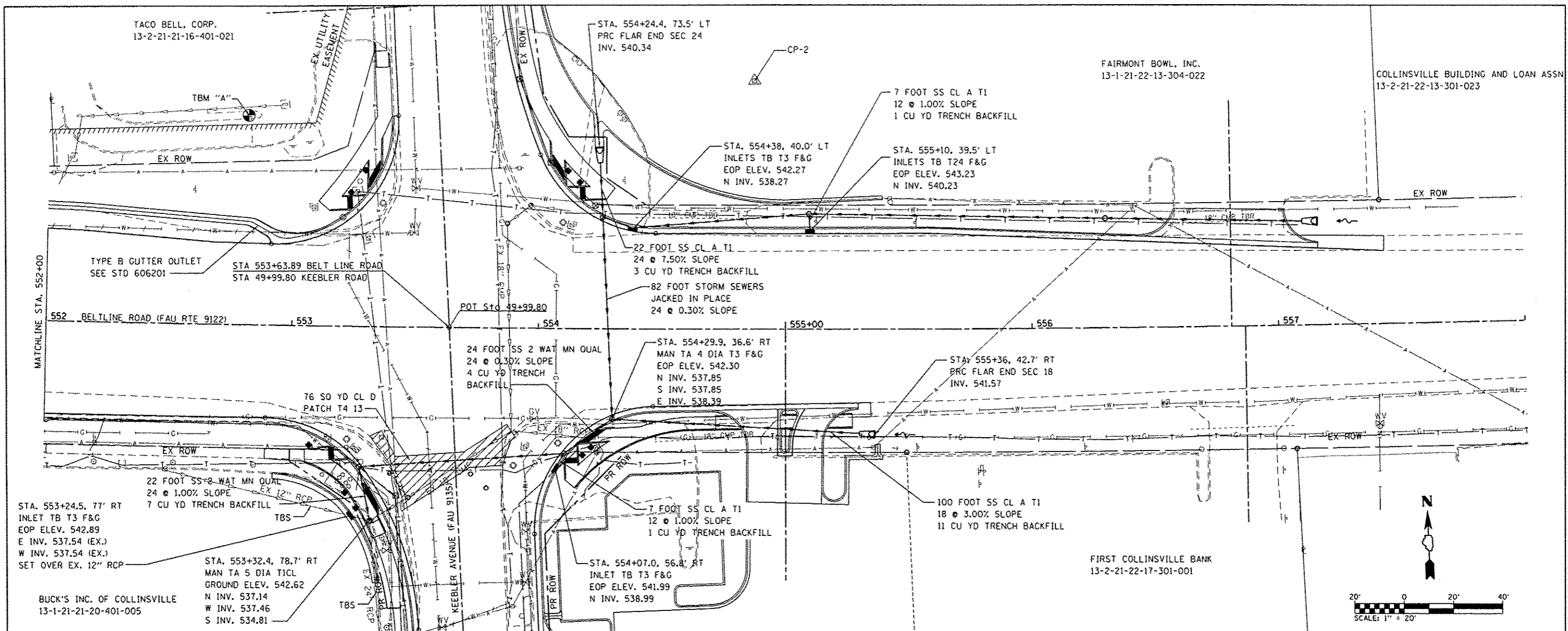
TACO BELL, CORP.
13-2-21-21-16-401-021

FAIRMONT BOWL, INC.
13-1-21-22-13-304-022

COLLINSVILLE BUILDING AND LOAN ASSN
13-2-21-22-13-301-023

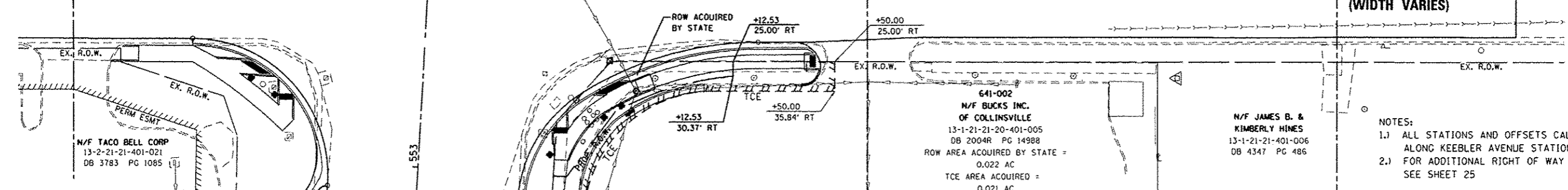
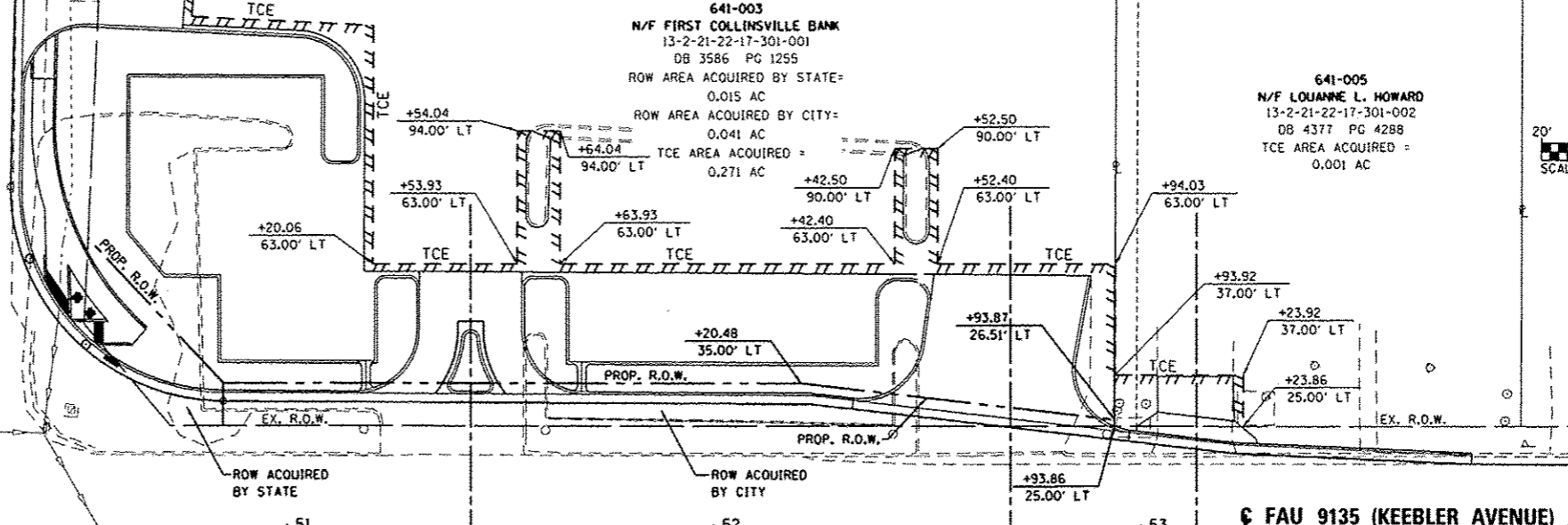
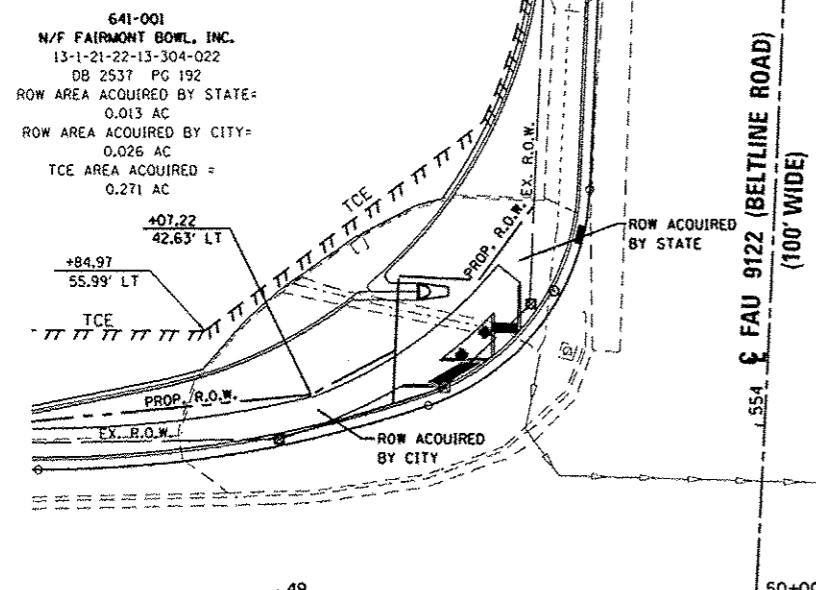
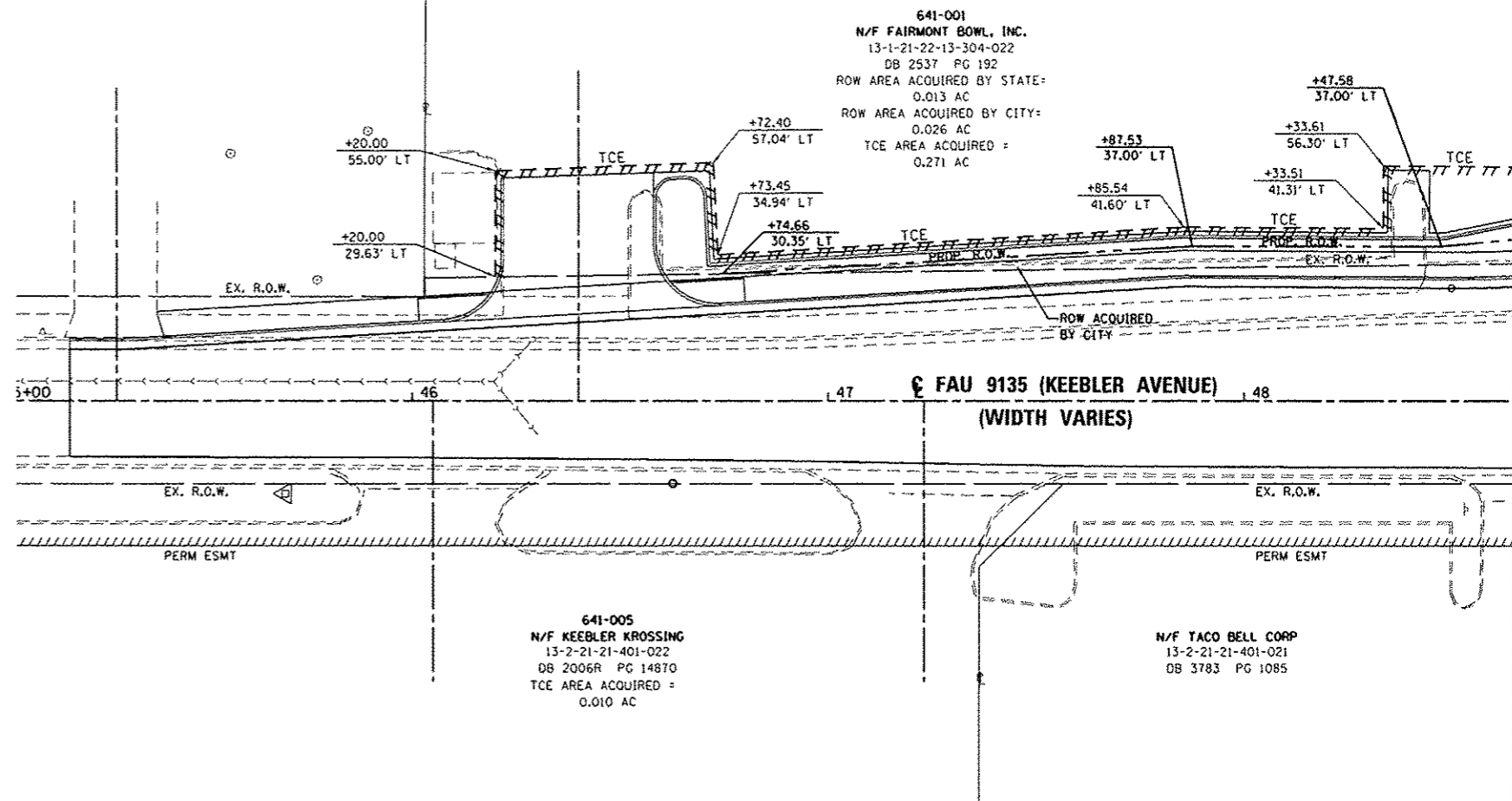
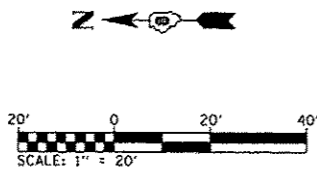
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NO.	
DESCRIPTION	



555	NOTE: ALL DRAINAGE STRUCTURES CALLED OUT ALONG BELTLINE ROAD STATIONING	STA. 552+81.57, 84.87' LT TBM "A" - CUT "SQUARE" ON CONC BASE OF LIGHT STAND. ELEV - 546.08	STA. 554+87.63, 100.52' LT CP - 2 P.K. NAIL IN ASPH ELEV - 543.36	555
550		STA. 553+27.9, 56.9' RT MAN TA 5 DIA T24 F&G EOP ELEV. 542.06 E INV. 537.36 S INV. 537.36	STA. 554+25.9, 45.0' LT MAN TA 4 DIA T3 F&G EOP ELEV. 541.93 E INV. 538.10 S INV. 538.10	550
545		STA. 553+32.4, 78.7' RT MAN TA 5 DIA T1 CL GROUND ELEV. 542.62 N INV. 537.14 W INV. 537.46 S INV. 534.81	STA. 554+38.0, 40.0' LT INLETS TB T3 F&G EOP ELEV. 542.27 E INV. 538.30 W INV. 538.30	545
540		STA. 554+07.0, 56.8' RT INLET TB T3 F&G EOP ELEV. 541.99 N INV. 538.99	STA. 555+10.0, 46.5' LT INLETS TB T1 F&G GROUND ELEV. 543.64 E INV. 539.30 W INV. 539.30 S INV. 540.15	540
535		STA. 554+29.9, 36.6' RT MAN TA 4 DIA T3 F&G EOP ELEV. 542.30 N INV. 537.85 S INV. 537.85 E INV. 538.39	STA. 556+30.0, 44.2' LT INLETS TB T1 F&G GROUND ELEV. 545.10 E INV. 540.98 W INV. 540.98	535
530		STA. 554+05.0, 50.7' RT MAN TA 5 DIA T24 F&G EOP ELEV. 542.06 NE INV. 537.78 W INV. 537.78 SW INV. 538.92 NW INV. 538.63 (TEMP)	STA. 555+36.0, 42.7' RT PRC FLAR END SEC 18 INV. 541.57	530

541.17	541.62	542.05	542.51	542.99	543.47	543.96	544.44	544.92	545.40	545.88	546.36	546.84	547.32				
552+50	553+00	553+50	554+00	554+50	555+00	555+50	556+00	556+50	557+00	557+50							
FILE NAME * USER NAME * travis.helmkamp DESIGNED - PAM REVISED - H:\P\26841\dgn\Cadd Sheets\0826841-sht-dm-beltline.dgn DRAWN - JTH REVISED - PLOT SCALE = 48.0000 / in. CHECKED - REVISED - PLOT DATE = 10/8/2015 DATE - REVISED -												STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE SHEETS SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 552+00 TO STA. 558+00		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 912E 06-00088-00-TL MADISON 57 28 BELTLINE/KEEBLER INT IMPROVEMENTS CONTRACT NO. 97440 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CMA-5011 (234)	



- NOTES:
 1.) ALL STATIONS AND OFFSETS CALLED OUT ALONG KEEBLER AVENUE STATIONING
 2.) FOR ADDITIONAL RIGHT OF WAY INFORMATION SEE SHEET 25

FILE NAME * M:\P\26041\dgn\Cadd Sheets\0826041-sht-1\rightofway1.dgn	USER NAME * trovis.helmkamp	DESIGNED - PAM	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KEEBLER AVENUE RIGHT OF WAY PLANS			F.A. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 30
PLOT SCALE * 1/8" = 40.0000' / in.	CHECKED - -	REVISED - -	REVISED - -		SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS	STA. 44+50.00 TO STA. 54+50.00	BELTLINE/KEEBLER INT. IMPROVEMENTS	CONTRACT NO. 97440		ILLINOIS FED. AID PROJECT CMM-5011 (234)	
PLOT DATE * 10/8/2015	DATE - -	REVISED - -	REVISED - -									

NW RADIUS RETURN

EDGE OF PAVEMENT

PT. NO.	STATION	OFFSET	ELEVATION
1	49+13.25 (K)	16.38' RT	543.31
2	49+15.65 (K)	16.45' RT	543.26
3	49+25.52 (K)	17.97' RT	542.95
4	49+34.89 (K)	21.42' RT	542.45
5	49+43.38 (K)	26.66' RT	542.28
6	49+50.67 (K)	33.49' RT	542.10
7	49+56.45 (K)	41.63' RT	541.75
8	49+60.50 (B)	36.31' LT	541.50
9	553+01.25 (B)	33.57' LT	541.15
10	552+91.27 (B)	32.78' LT	541.04

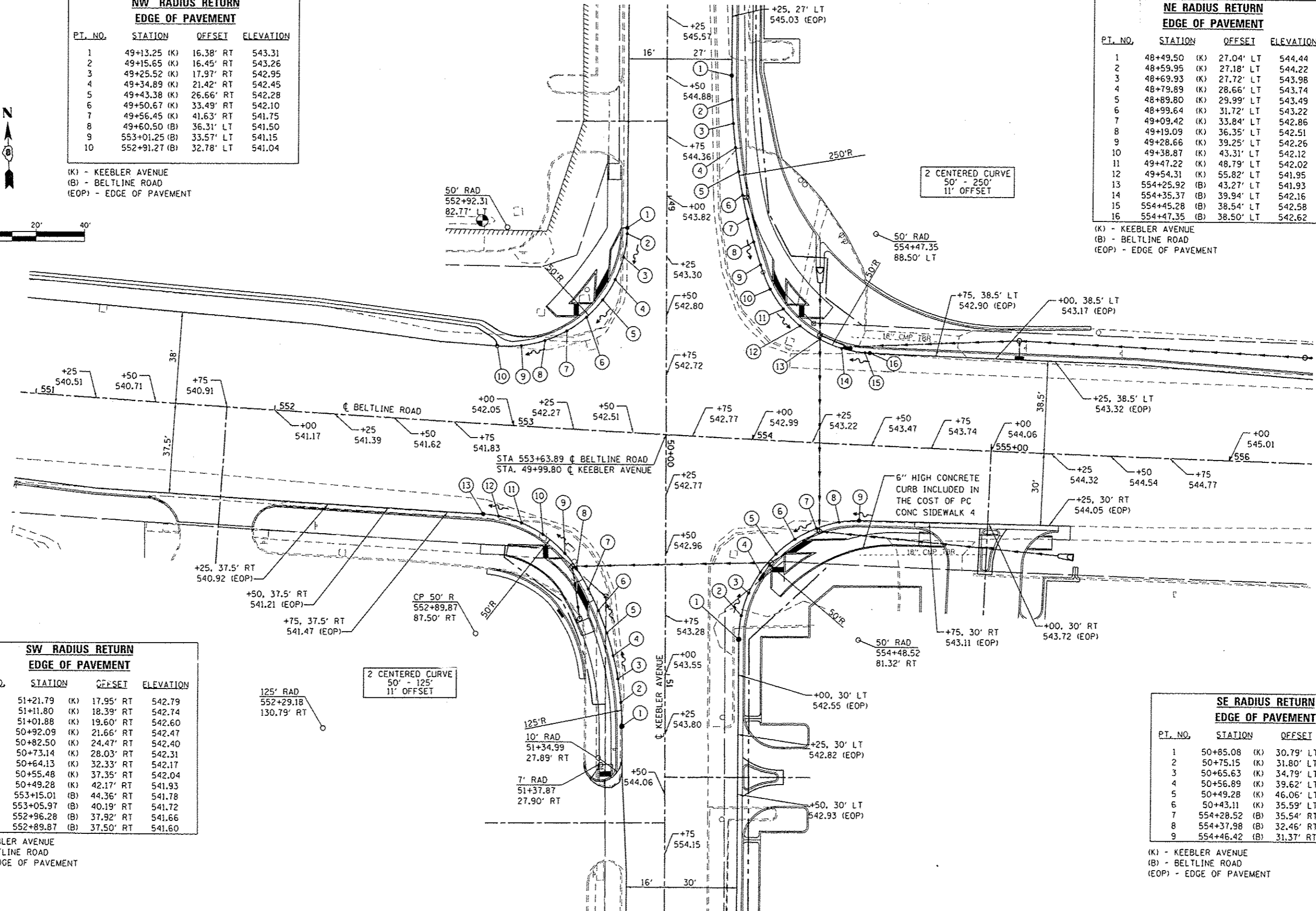
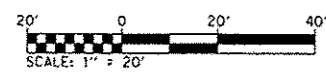
(K) - KEEBLER AVENUE
(B) - BELTLINE ROAD
(EOP) - EDGE OF PAVEMENT

NE RADIUS RETURN

EDGE OF PAVEMENT

PT. NO.	STATION	OFFSET	ELEVATION
1	48+49.50 (K)	27.04' LT	544.44
2	48+59.95 (K)	27.18' LT	544.22
3	48+69.93 (K)	27.72' LT	543.98
4	48+79.89 (K)	28.66' LT	543.74
5	48+89.80 (K)	29.99' LT	543.49
6	48+99.64 (K)	31.72' LT	543.22
7	49+09.42 (K)	33.84' LT	542.86
8	49+19.09 (K)	36.35' LT	542.51
9	49+28.66 (K)	39.25' LT	542.26
10	49+38.87 (K)	43.31' LT	542.12
11	49+47.22 (K)	48.79' LT	542.02
12	49+54.31 (K)	55.82' LT	541.95
13	554+25.92 (B)	43.27' LT	541.93
14	554+35.37 (B)	39.94' LT	542.16
15	554+45.28 (B)	38.54' LT	542.58
16	554+47.35 (B)	38.50' LT	542.62

(K) - KEEBLER AVENUE
(B) - BELTLINE ROAD
(EOP) - EDGE OF PAVEMENT



SW RADIUS RETURN

EDGE OF PAVEMENT

PT. NO.	STATION	OFFSET	ELEVATION
1	51+21.79 (K)	17.95' RT	542.79
2	51+11.80 (K)	18.39' RT	542.74
3	51+01.88 (K)	19.60' RT	542.60
4	50+92.09 (K)	21.66' RT	542.47
5	50+82.50 (K)	24.47' RT	542.40
6	50+73.14 (K)	28.03' RT	542.31
7	50+64.13 (K)	32.33' RT	542.17
8	50+55.48 (K)	37.35' RT	542.04
9	50+49.28 (K)	42.17' RT	541.93
10	553+15.01 (B)	44.36' RT	541.78
11	553+05.97 (B)	40.19' RT	541.72
12	552+96.28 (B)	37.92' RT	541.66
13	552+89.87 (B)	37.50' RT	541.60

(K) - KEEBLER AVENUE
(B) - BELTLINE ROAD
(EOP) - EDGE OF PAVEMENT

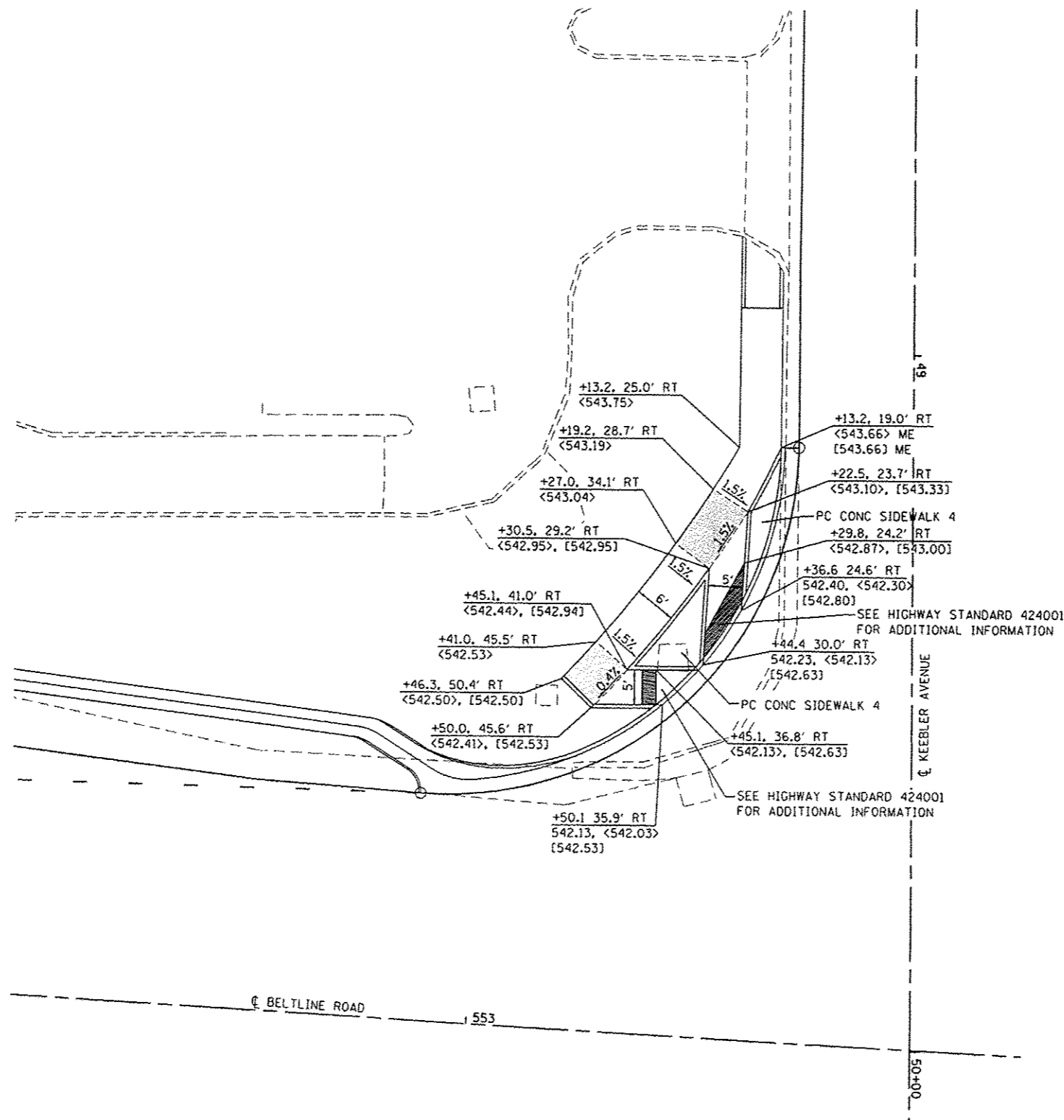
SE RADIUS RETURN

EDGE OF PAVEMENT

PT. NO.	STATION	OFFSET	ELEVATION
1	50+85.08 (K)	30.79' LT	542.40
2	50+75.15 (K)	31.80' LT	542.27
3	50+65.63 (K)	34.79' LT	542.14
4	50+56.89 (K)	39.62' LT	542.00
5	50+49.28 (K)	46.06' LT	542.10
6	50+43.11 (K)	35.59' LT	542.20
7	554+28.52 (B)	35.54' RT	542.30
8	554+37.98 (B)	32.46' RT	542.80
9	554+46.42 (B)	31.37' RT	543.04

(K) - KEEBLER AVENUE
(B) - BELTLINE ROAD
(EOP) - EDGE OF PAVEMENT

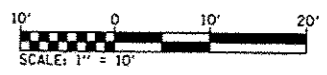
NOTE: ALL RADII GIVEN TO EDGE OF PAVEMENT



DETAIL LEGEND

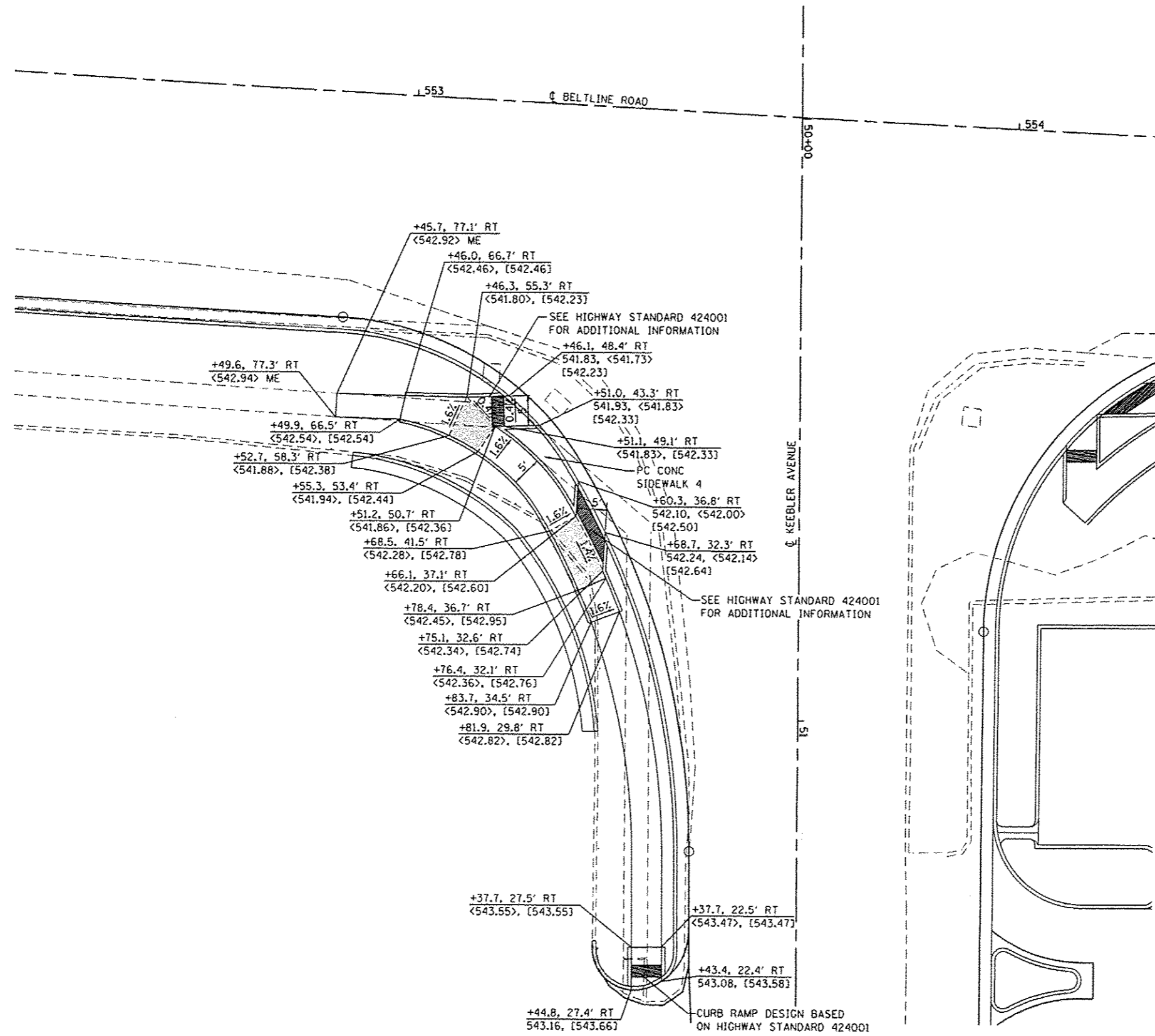
- XXX.XX EDGE OF PAVEMENT
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- [Hatched Box] FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:
 ALL STATIONING ALONG KEEBLER AVENUE
 UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



**NORTHWEST QUADRANT
 BELTLINE ROAD AND KEEBLER AVENUE**

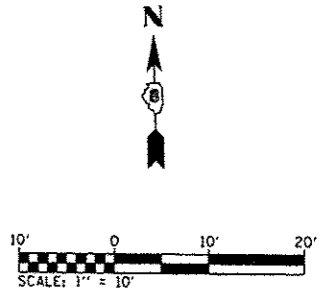
FILE NAME * H:\P\26841\dgn\Cadd Sheets\0826841-sh1-htdet.dgn	USER NAME * phil.murphy	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL SHEET	F.A.U. RTE. 9122	SECTION 06-00088-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 31A	
	PLOT SCALE * 20.0000 ' / in.	DRAWN - JTH	REVISED -			SCALE: 1"=10'	SHEET NO. 2 OF 5 SHEETS	BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440	
	PLOT DATE * 11/2/2015	CHECKED -	REVISED -			STA.	TO STA.	FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT CMM-5011 (234)	
		DATE -	REVISED -								



DETAIL LEGEND

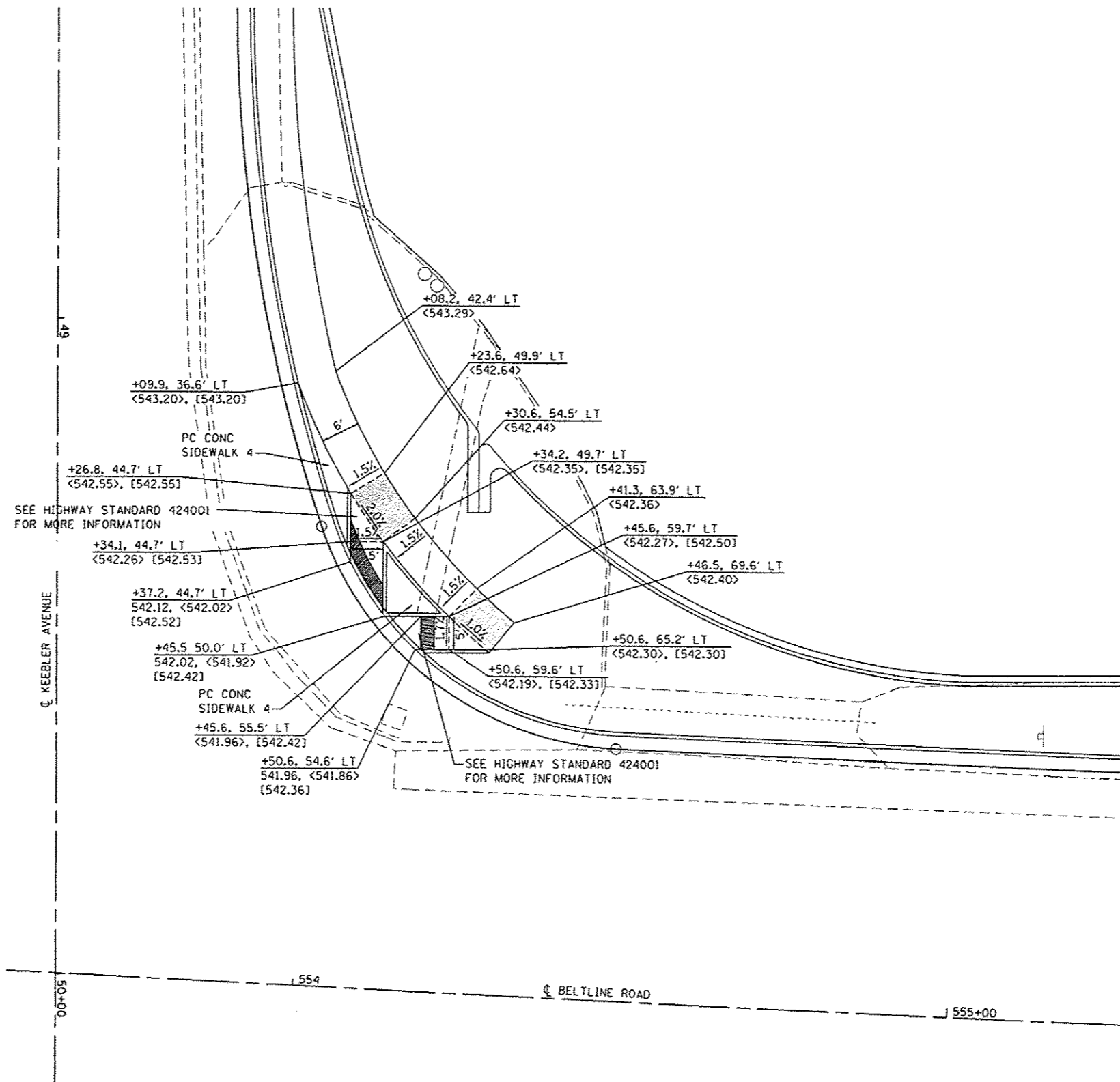
- XXX.XX EDGE OF PAVEMENT
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- [] FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:
ALL STATIONING ALONG KEEBLER AVENUE
UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



**SOUTHWEST QUADRANT
BELTLINE ROAD AND KEEBLER AVENUE**

FILE NAME *	USER NAME * phl.murphy	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL SHEET				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\26041\ dgn\Cadd Sheets\0826041-sh1	ntdet.dgn	DRAWN - JTH	REVISED -		9122	06-00088-00-TL	MADISON	57	31B				
	PLOT SCALE * 20.0000 ' / in.	CHECKED -	REVISED -		SCALE: 1" = 10'				SHEET NO. 3 OF 5 SHEETS STA. TO STA.				
	PLOT DATE * 11/2/2015	DATE -	REVISED -		BELTLINE/KEEBLER INT. IMPROVEMENTS				CONTRACT NO. 97440				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CMM-5011 (234)					



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:

ALL STATIONING ALONG KEEBLER AVENUE
 UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

**NORTHEAST QUADRANT
 BELTLINE ROAD AND KEEBLER AVENUE**

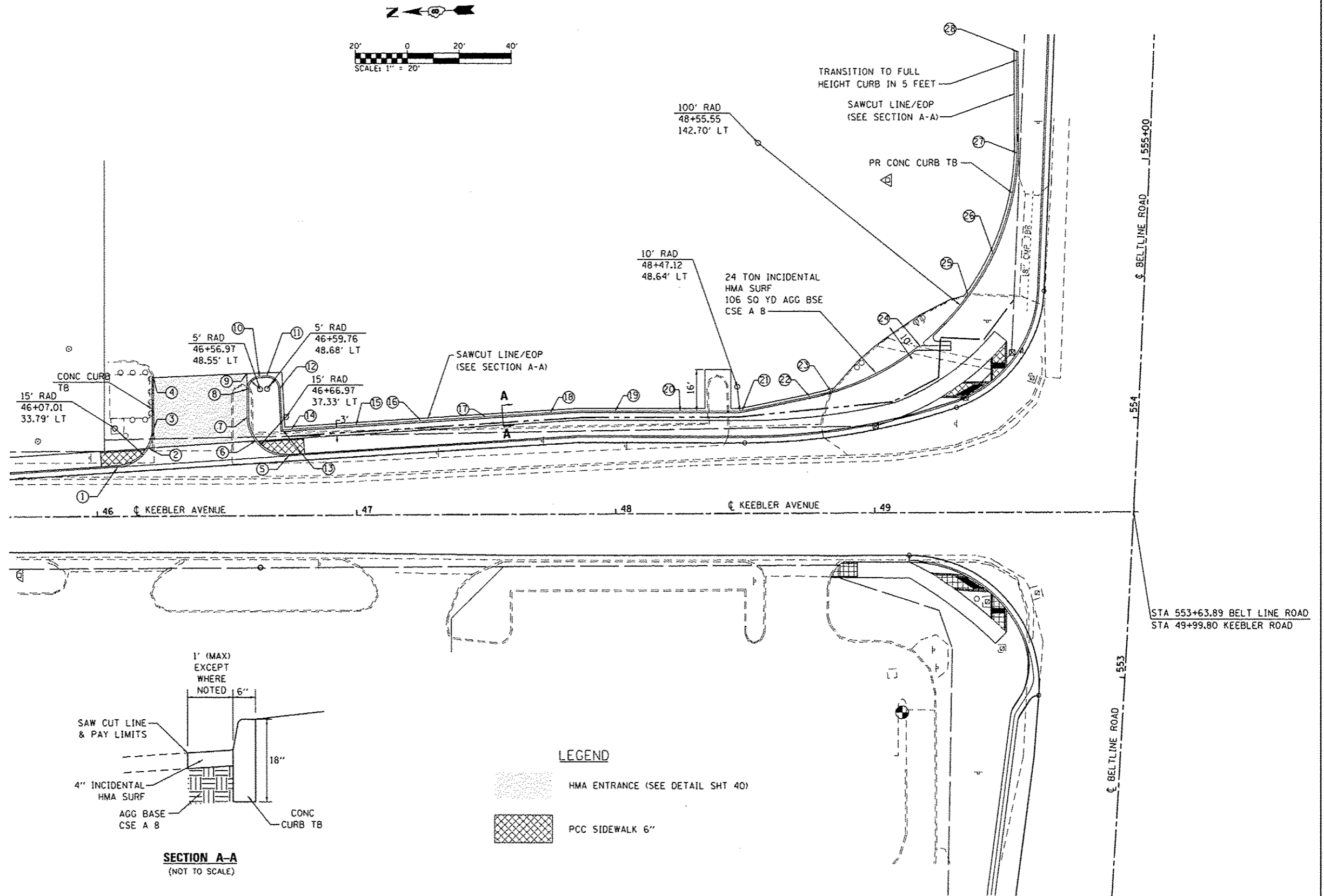
FILE NAME *	USER NAME * philmurphy	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL SHEET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\P\26041\dgn\Cadd Sheets\0926041-sh1	n1da.dgn	DRAWN - JTH	REVISED -		9122	06-00088-00-TL	MADISON	57	31C			
PLOT SCALE * 20.0000 ' / in.		CHECKED -	REVISED -		SCALE: 1"=10'			SHEET NO. 4 OF 5 SHEETS		CONTRACT NO. 97440		
PLOT DATE * 11/2/2015		DATE -	REVISED -		STA. TO STA.			ILLINOIS FED. AID PROJECT CMM-5011 (234)				

CAMELOT BOWL PARKING LOT PLAN

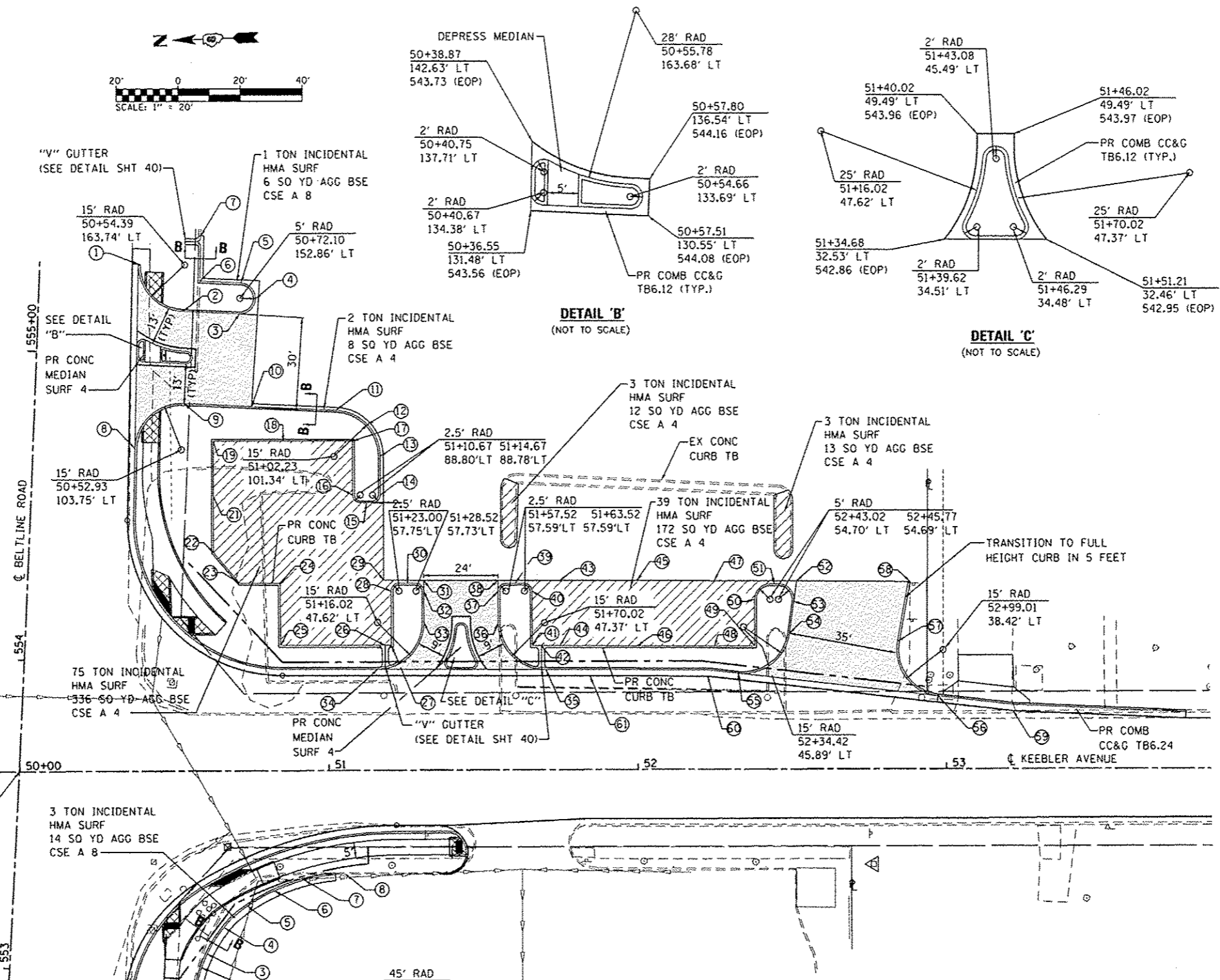
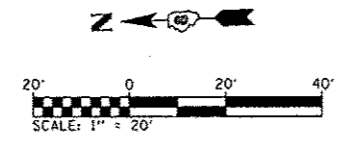
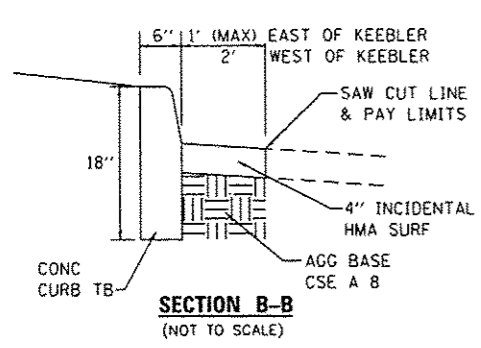
PT. NO.	STATION	OFFSET	EOP	BC
1	46+07.90	18.82' LT	547.83	548.21
2	46+19.90	26.17' LT	548.00	548.50
3	46+22.01	33.81' LT	547.83	548.33
4	46+22.00	53.32' LT	547.39	547.89
5	46+73.90	22.78' LT	548.22	548.60
6	46+61.11	28.62' LT	548.25	548.75
7	46+58.01	37.76' LT	547.77	548.27
8	46+58.01	48.55' LT	547.22	547.72
9	46+58.01	54.59' LT	546.91	-
10	46+62.80	53.54' LT	546.91	547.41
11	46+65.68	53.68' LT	546.91	547.41
12	46+70.79	48.92' LT	546.98	547.48
13	46+71.55	32.82' LT	547.18	547.68
14	46+75.00	33.03' LT	547.18	547.68
15	47+00.00	34.51' LT	547.12	547.62
16	47+25.00	36.00' LT	546.87	547.37
17	47+50.00	37.48' LT	546.39	546.89
18	47+75.00	38.97' LT	545.53	546.03
19	48+00.00	39.51' LT	544.86	545.36
20	48+25.00	39.36' LT	544.29	544.79
21	48+48.96	39.40' LT	543.69	544.19
22	48+75.17	44.64' LT	542.92	543.42
23	48+83.34	46.64' LT	542.72	543.22
24	49+17.63	64.30' LT	542.04	-
25	49+36.35	83.79' LT	542.68	543.18
26	49+45.96	99.97' LT	542.88	543.38
27	49+55.46	138.43' LT	543.21	543.71
28	49+55.44	177.51' LT	544.05	544.05

NOTE:

1. ALL STATIONS AND OFFSETS CALLED ALONG KEEBLER AVENUE STATIONING.
2. ALL CURB HEIGHTS 6" UNLESS OTHERWISE NOTED.
3. EOP = EDGE OF PAVEMENT
BC = BACK OF CURB
* = MATCH EXIST
4. ALL RADII GIVEN TO FACE OF CURB.



FILE NAME =	USER NAME = travis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARKING LOT DETAIL SHEET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\2004\1\adgn\Cadd Sheets\082604\sh-1\tdaLdgn	DRAWN - JTH	REVISED -	9122			06-00088-00-TL	MADISON	57	32	
PLOT SCALE = 48.0000" / in.	CHECKED -	REVISED -	BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440				
PLOT DATE = 10/8/2015	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT CMM-5011 (234)				
				SCALE: 1"=20'		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.		



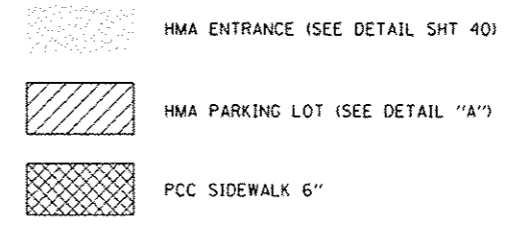
FCB BANK PARKING LOT PLAN

PT. NO.	STATION	OFFSET	EOP	BC
1	50+39.39	164.11' LT	543.97	544.47
2	50+53.66	148.76' LT	544.21	544.71
3	50+71.96	147.87' LT	544.57	545.07
4	50+77.10	152.71' LT	544.75	545.25
5	50+72.44	157.86' LT	544.76	545.26
6	50+59.26	158.42' LT	544.53	545.03
7	50+59.69	173.20' LT	544.49	544.99
8	50+37.94	104.14' LT	543.34	543.84
9	50+53.98	118.71' LT	543.89	544.39
10	50+75.64	117.67' LT	544.35	544.85
11	51+02.96	116.33' LT	544.64	545.14
12	51+13.11	111.66' LT	544.69	545.19
13	51+17.23	101.28' LT	544.72	545.22
14	51+17.17	88.77' LT	544.76	545.26
15	51+12.66	86.29' LT	544.72	545.22
16	51+08.17	88.81' LT	544.74	545.24
17	51+08.25	106.31' LT	544.83	545.33
18	50+85.75	106.41' LT	545.18	545.68
19	50+63.25	106.51' LT	545.53	546.03
20		OMITTED		
21	50+63.17	88.51' LT	545.40	545.90
22	50+63.09	70.51' LT	545.26	545.76
23	50+71.54	60.48' LT	545.06	545.56
24	50+84.50	60.42' LT	544.87	545.37
25	50+84.50	40.41' LT	544.50	545.00
26	51+18.50	40.26' LT	544.24	-
27	51+20.50	40.17' LT	544.29	544.79
28	51+20.50	57.75' LT	544.65	545.15
29	51+18.05	61.27' LT	544.70	545.20
30	51+25.77	60.24' LT	544.75	545.25
31	51+31.02	61.21' LT	544.82	545.32
32	51+31.02	57.73' LT	544.57	545.07
33	51+31.02	47.62' LT	543.85	544.35
34	51+15.95	32.62' LT	542.60	543.10
35	51+70.39	32.37' LT	543.02	543.52
36	51+55.02	47.37' LT	543.97	544.47
37	51+55.02	57.59' LT	544.74	545.24
38	51+55.02	61.10' LT	545.00	545.50
39	51+60.53	60.09' LT	544.96	545.46
40	51+66.02	57.59' LT	544.93	545.43
41	51+66.02	40.05' LT	544.58	545.08
42	51+69.02	40.04' LT	544.54	-
43	51+75.00	60.90' LT	544.99	545.49
44	51+75.00	40.01' LT	544.57	545.07
45	52+00.00	60.90' LT	544.97	545.47
46	52+00.00	39.90' LT	544.67	545.17
47	52+25.00	60.90' LT	545.10	545.60
48	52+25.00	39.78' LT	544.77	545.27
49	52+38.02	39.72' LT	544.80	545.30
50	52+38.02	54.70' LT	545.08	545.58
51	52+44.42	59.70' LT	545.11	545.61
52	52+51.66	60.66' LT	545.14	545.64
53	52+50.72	53.99' LT	544.96	545.46
54	52+49.27	43.79' LT	544.33	544.83
55	52+32.69	30.99' LT	543.32	543.82
56	52+97.31	23.51' LT	543.67	544.17
57	52+84.26	41.14' LT	544.36	544.86
58	52+88.40	60.34' LT	545.30	545.80
59	53+21.63	18.69' LT	543.84	544.34
60	52+22.68	30.13' LT	543.31	543.81
61	51+84.65	30.30' LT	543.09	543.59

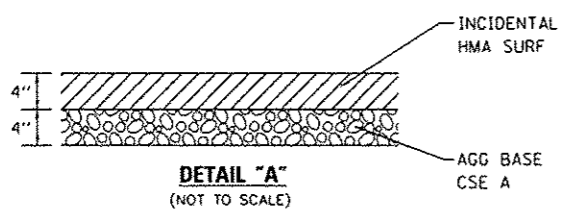
BUCKYS PARKING LOT PLAN

PT. NO.	STATION	OFFSET	EOP	BC
1	50+55.51	78.90' RT	542.91	543.41
2	50+56.92	68.77' RT	543.08	543.61
3	50+60.23	59.32' RT	543.03	543.53
4	50+65.61	50.77' RT	542.93	543.45
5	50+73.20	43.94' RT	542.90	543.40
6	50+82.08	38.96' RT	542.89	543.42
7	50+91.75	35.54' RT	542.93	543.48
8	51+05.35	33.85' RT	543.07	543.57

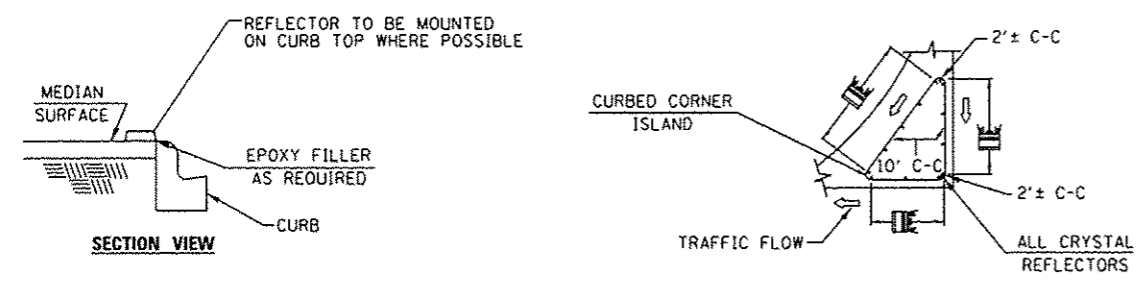
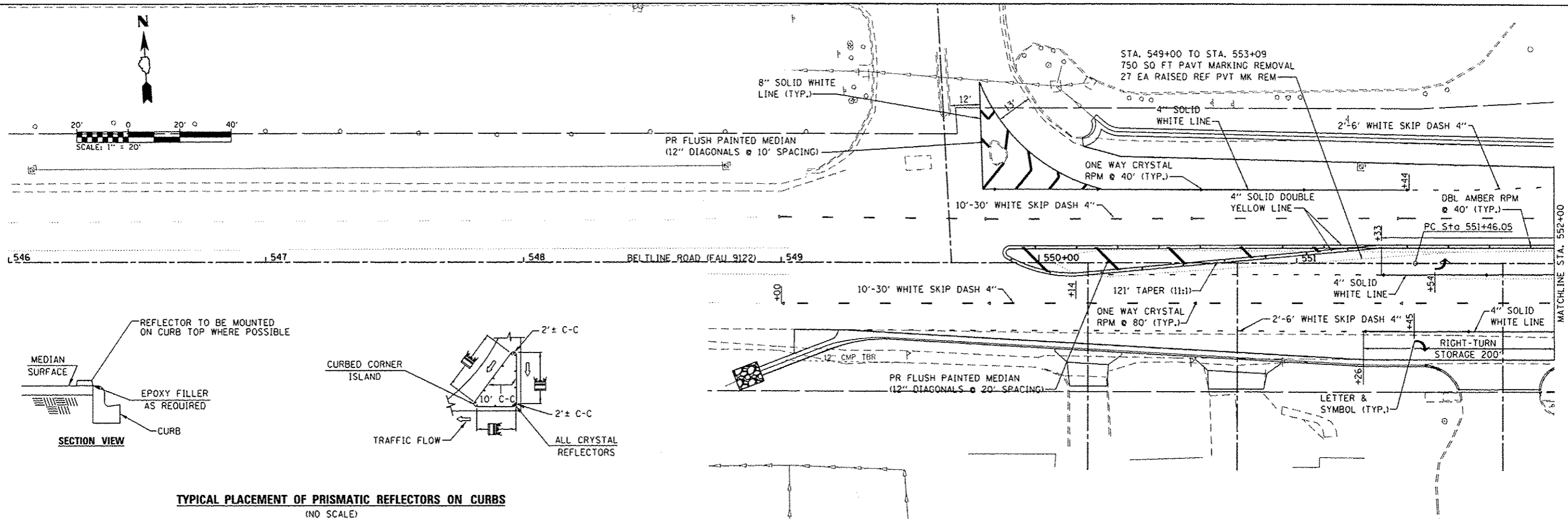
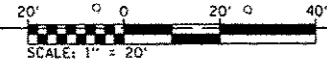
LEGEND



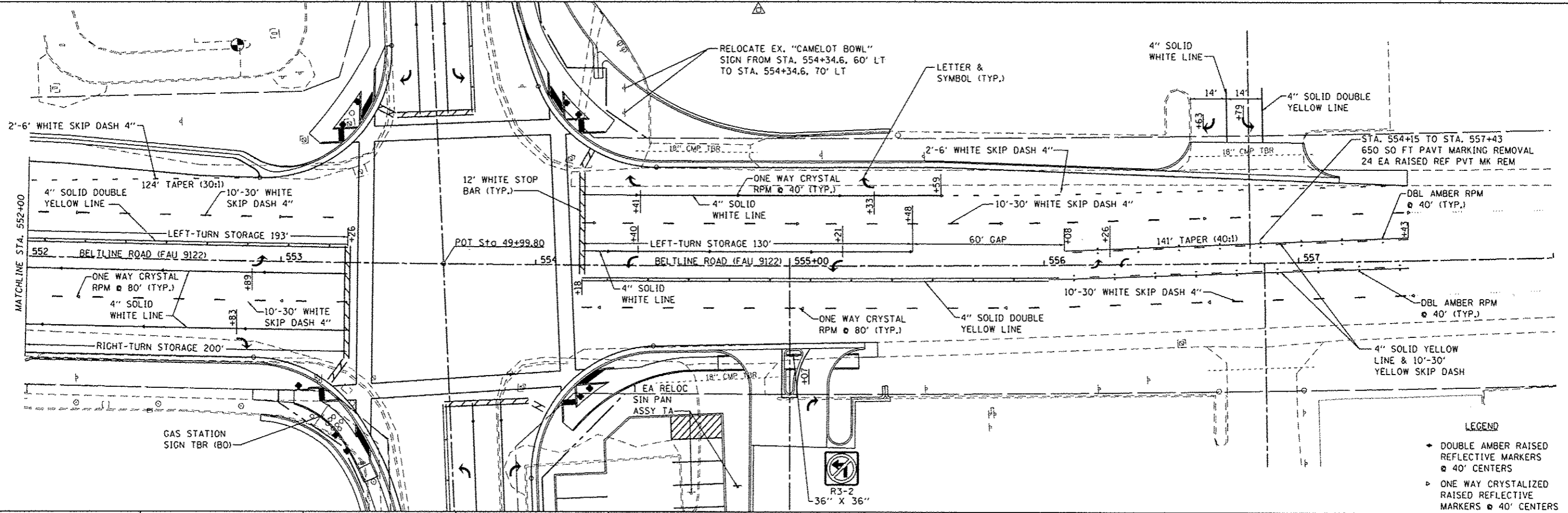
- NOTE:**
- ALL STATIONS AND OFFSETS REFERENCED TO KEEBLER AVENUE STATIONING.
 - ALL CURB HEIGHTS 6" UNLESS OTHERWISE NOTED.
 - EOP = EDGE OF PAVEMENT
BC = BACK OF CURB
* = MATCH EXIST
 - ALL RADII GIVEN TO FACE OF CURB.



NOTE: OFFSET REFERS TO FACE OF CURB

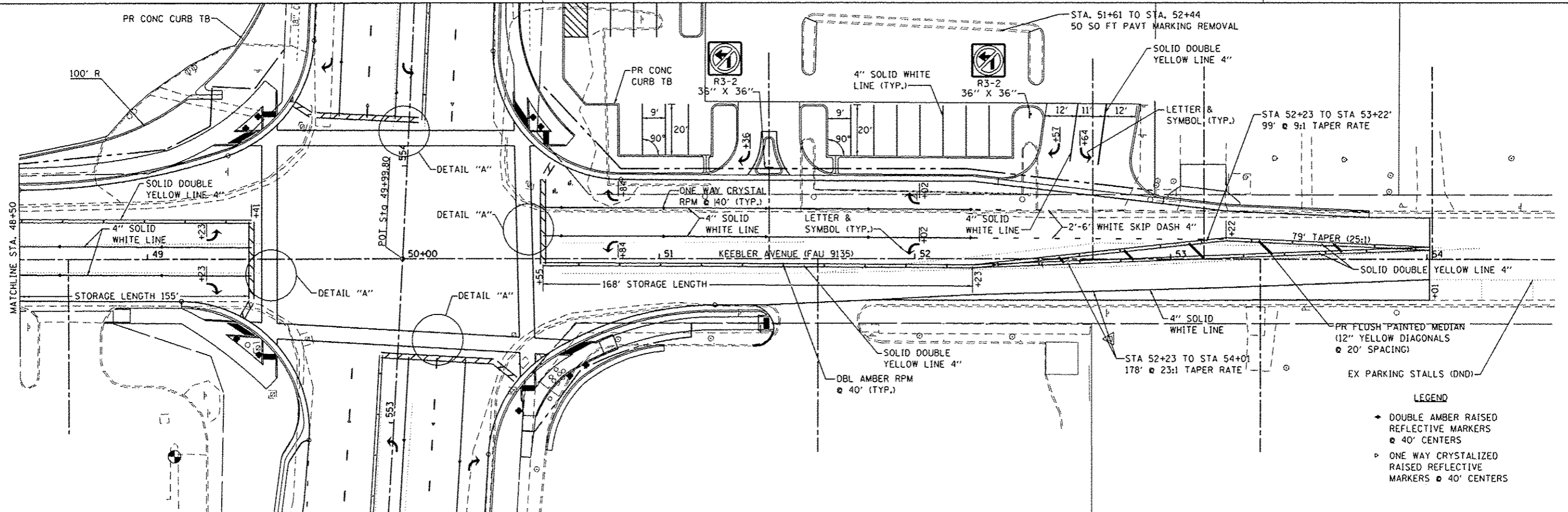
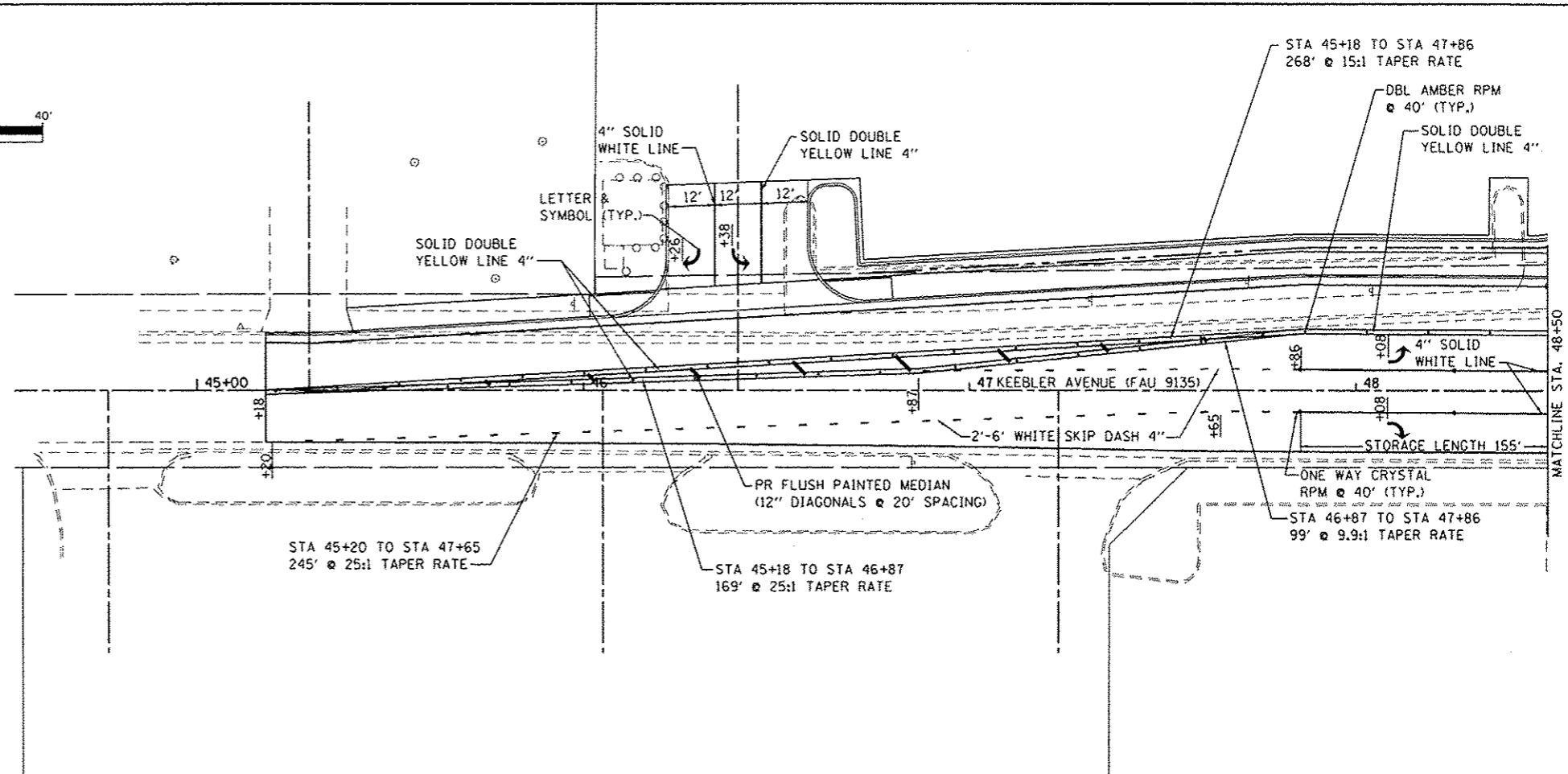
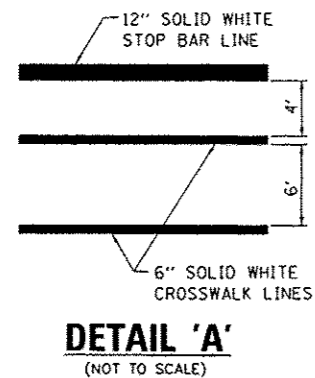
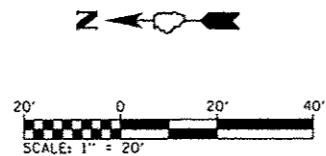


TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS
(NO SCALE)



- LEGEND**
- ◆ DOUBLE AMBER RAISED REFLECTIVE MARKERS @ 40' CENTERS
 - ◆ ONE WAY CRYSTALIZED RAISED REFLECTIVE MARKERS @ 40' CENTERS

FILE NAME H:\P\26841\Drawn\Cadd Sheets\0826841-sh1-v1.dwg	USER NAME travis.helmkamp	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BELTLINE ROAD SIGNING /PAVEMENT MARKING SHEET		F.A. RTE. 9122	SECTION 06-00085-00-TL	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 34	
		DRAWN - JTH	REVISED -		SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS	STA. 546+00 TO STA. 558+00	BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
		CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CMM-50112341							
		DATE 10/8/2015	REVISED -									



- LEGEND**
- ◄ DOUBLE AMBER RAISED REFLECTIVE MARKERS @ 40' CENTERS
 - ◄ ONE WAY CRYSTALLIZED RAISED REFLECTIVE MARKERS @ 40' CENTERS

FILE NAME *	USER NAME * travishinkamp	DESIGNED - PAM	REVISED -
H:\NP\26841\dgn\Cadd Sheets\0826841-sht\work.dgn		DRAWN - JTH	REVISED -
PLOT SCALE * 48.0000' / in.		CHECKED -	REVISED -
PLOT DATE * 10/8/2015		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEEBLER AVENUE SIGNING / PAVEMENT MARKING SHEET

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 44+50 TO STA. 54+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00095-00-TL	MADISON	57	35
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT CMM-5011 (234)	

ELECTRICAL GENERAL NOTES

- PRIOR TO COMMENCING CONSTRUCTION OF ANY COMPONENT OF THE PROPOSED TRAFFIC SIGNAL SYSTEM, ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED ACCORDING TO ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS. CALL J.U.L.I.E. (800) 892-0123 ONE WEEK BEFORE PLANNING TO DIG. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.
- STREET NAME SIGNS SHALL BE FABRICATED, DELIVERED AND INSTALLED AS SHOWN ON THE PLANS. SIGNS AND INSTALLATION SHALL CONFORM TO SECTION 720 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND HIGHWAY STANDARDS 720001 AND 720016.
- CONTROLLER CABINETS SHALL BE UNPAINTED ALUMINUM. TRAFFIC SIGNAL POSTS, PEDESTRIAN PUSH-BUTTON POSTS, MAST ARM ASSEMBLIES AND POLES AND BASES SHALL BE UNPAINTED ALUMINUM OR STEEL.
- TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TOUNGE CONNECTORS.
- MOUNTING HARDWARE, SIGNAL POSTS AND BASES SHALL BE UNPAINTED ALUMINUM. BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- THE DEPTH OF ALL CONCRETE FOUNDATIONS FOR MAST ARM POLES IS ESTIMATED TO BE 15' 0". FINAL DEPTHS WILL BE DETERMINED BY THE ENGINEER FROM SOIL BORING DATA.
- FOUR (4) GROUND RODS (3/4" DIAMETER X 12' LONG) AND #6 BARE COPPER GROUND CONDUCTORS SHALL BE INSTALLED IN THE CONTROLLER FOUNDATION ACCORDING TO THE SPECIAL PROVISION FOR "CONCRETE FOUNDATION, TYPE D".
- THE LOCATION OF SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE MAST ARMS ARE INSTALLED.
- THE OPTICAL UNIT OF ALL TRAFFIC SIGNAL HEADS SHALL BE LIGHT EMITTING DIODES (LED) INSTEAD OF INCANDESCENT BULBS.
- BACK PLATES SHALL BE ABS PLASTIC
- INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL BE RACK MOUNTED AND SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE. "CALL CARRY-OVER" SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOPS LOCATED WITHIN HOT-MIX ASPHALT SURFACE LIMITS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO HMA SURFACE PLACEMENT. DETECTOR LOOPS SHALL BE A MAXIMUM OF 4 INCHES DEEP, MEASURED FROM THE FINAL PAVEMENT SURFACE ELEVATION.
- PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF NEW PAVEMENT, SHOULDER AND CURB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PUSHING OR PULLING CONDUIT AFTER SUCH WORK HAS BEEN COMPLETED.
- A 1/4" DIAMETER NYLON PULL ROPE SHALL BE INSTALLED IN ALL CONDUITS.
- WHEN CUTTING PROPOSED DETECTOR LOOPS, THE CONTRACTOR SHALL CONTROL DUST SO THAT DUST DOES NOT BECOME AIRBORNE AND BLOW ONTO TRAFFIC OR ADJACENT PROPERTY.
- CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED PART OF THE NEW CONDUIT INSTALLATION.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD WITH NON-HARDENING EPOXY FILLER. RESIN CORE SOLDER SHALL BE USED.
- HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE ACCORDING TO ARTICLE 814.03(B) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". HANDHOLE COVERS SHALL BE SLOPED TO MATCH PROPOSED ELEVATIONS AND CONTOURS.
- SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.

TRAFFIC SIGNAL SCHEDULE

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
72000100	SIGN PANEL - TYPE 1	SQ FT	40
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	294
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	424
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	49
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	16
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	21
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	10
81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	252
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	112
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
86300400	CONTROLLER CABINET TYPE IV	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,782
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,379
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,788
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,601
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,599
87301525	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 6 PAIR	FOOT	684
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	15
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,944
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	4
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
87900200	DRILL EXISTING HANDHOLE	EACH	2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14

NEW SIGNAL EQUIPMENT SHALL BE EAGLE BRAND FOR COMPATIBILITY WITH EXISTING EQUIPMENT

TRAFFIC SIGNAL SCHEDULE

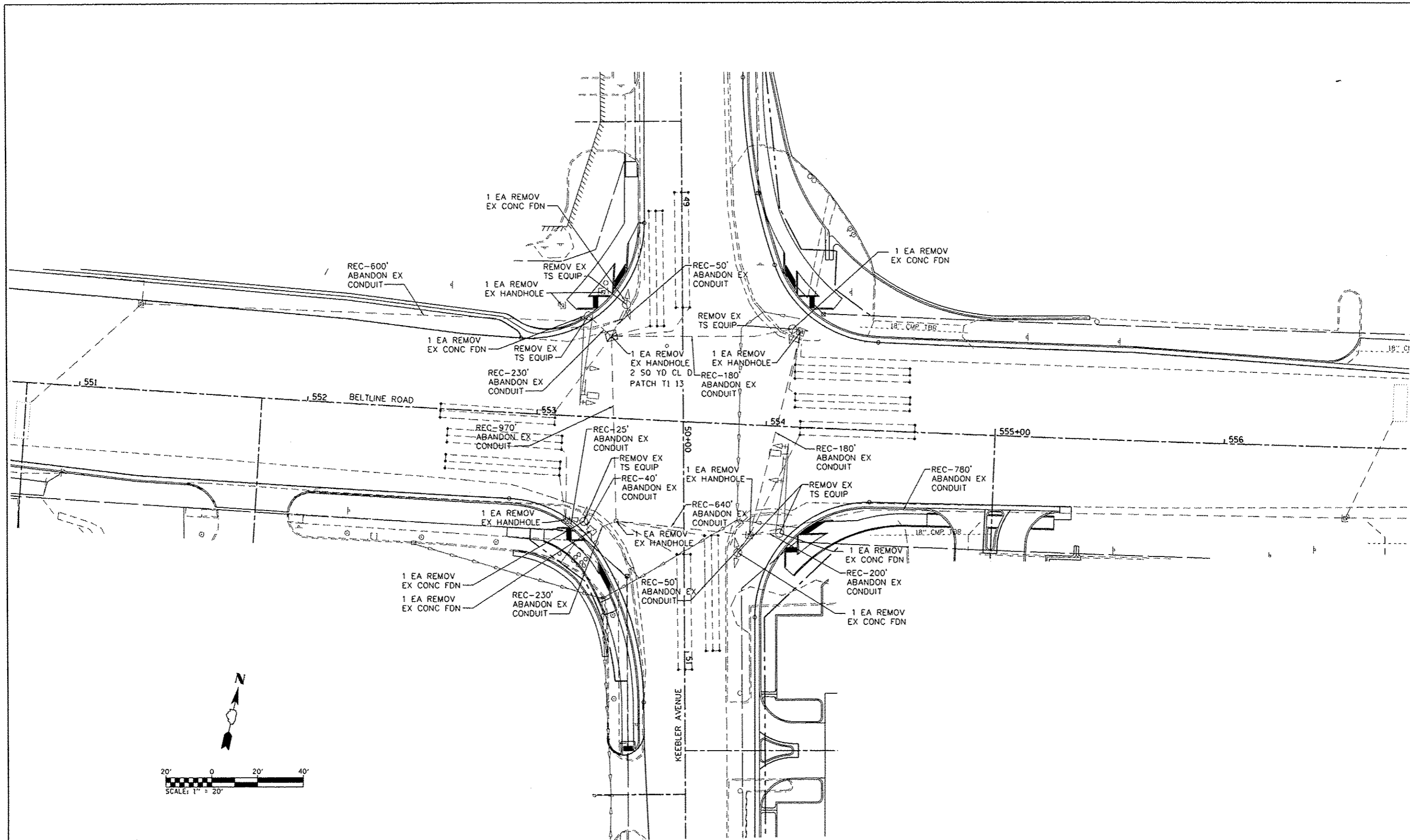
88500100	INDUCTIVE LOOP DETECTOR	EACH	4
88600100	DETECTOR LOOP, TYPE I	FOOT	2,655
89500300	RELOCATE EXISTING ILLUMINATED SIGN	EACH	2
89501700	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,000
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	19
89502380	REMOVE EXISTING HANDHOLE	EACH	7
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
90322951	CABLE SPLICE SPECIAL	EACH	2
88800100	ADA PEDESTRIAN PUSH-BUTTON	EACH	8

STANDARDS FOR TRAFFIC SIGNAL SHEETS

720001-01	873001-02
720016-04	876001-03
805001-01	877001-05
814001-03	878001-10
814006-02	880006-01
857001-01	886001-01
	886006-01

TRAFFIC SIGNAL LEGEND

REC	REMOVE ELECTRIC CABLE FROM CONDUIT
CNC	COILABLE NON-METALLIC CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
○	EXISTING SIGNAL POST
○ ⁺	EXISTING SIGNAL POST WITH BACKPLATE
⌋	EXISTING TRAFFIC SIGNAL MAST ARM
⊞	EXISTING HANDHOLE
⊞⊞	EXISTING DOUBLE HANDHOLE
⊞⊞⊞	EXISTING HEAVY DUTY HANDHOLE
⊞⊞⊞⊞	EXISTING DETECTOR LOOP
⊞⊞⊞⊞⊞	EXISTING CONTROLLER
⌋	EXISTING STREET NAME SIGN/TRAFFIC SIGN
⊞	EXISTING ILLUMINATED SIGN
⊞	EXISTING SERVICE INSTALLATION
⊞	EXISTING SIGNAL HEAD, PEDESTRIAN
⊞	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
⌋	PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
⊞	PROPOSED HANDHOLE
⊞⊞	PROPOSED DOUBLE HANDHOLE
⊞⊞⊞	PROPOSED DETECTOR LOOP
⊞⊞⊞⊞	PROPOSED CONTROLLER
⊞	PROPOSED ADA PEDESTRIAN PUSHBUTTON DETECTOR
⊞	PROPOSED SIGNAL HEAD, PEDESTRIAN, WITH COUNT DOWN TIMER
—	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
⌋	PROPOSED STREET NAME SIGN/TRAFFIC SIGN
⊞	RELOCATED ILLUMINATED SIGN
⊞	PROPOSED SERVICE INSTALLATION
●	PROPOSED SIGNAL POST
● ⁺	PROPOSED SIGNAL POST WITH BACKPLATE



TRAFFIC SIGNAL REMOVAL PLANS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS

FILE NAME *	USER NAME * travis.helmkamp	DESIGNED - PAM	REVISED -
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PLOT SCALE * 48.0000 / in.		CHECKED -	REVISED -
PLOT DATE * 10/8/2015		DATE -	REVISED -

SCALE: 1"=20'	SHEET NO. 2 OF 4 SHEETS
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	37
BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
CITY OF COLLINSVILLE ILLINOIS		FED. AID PROJECT CMM-5011 (234)		

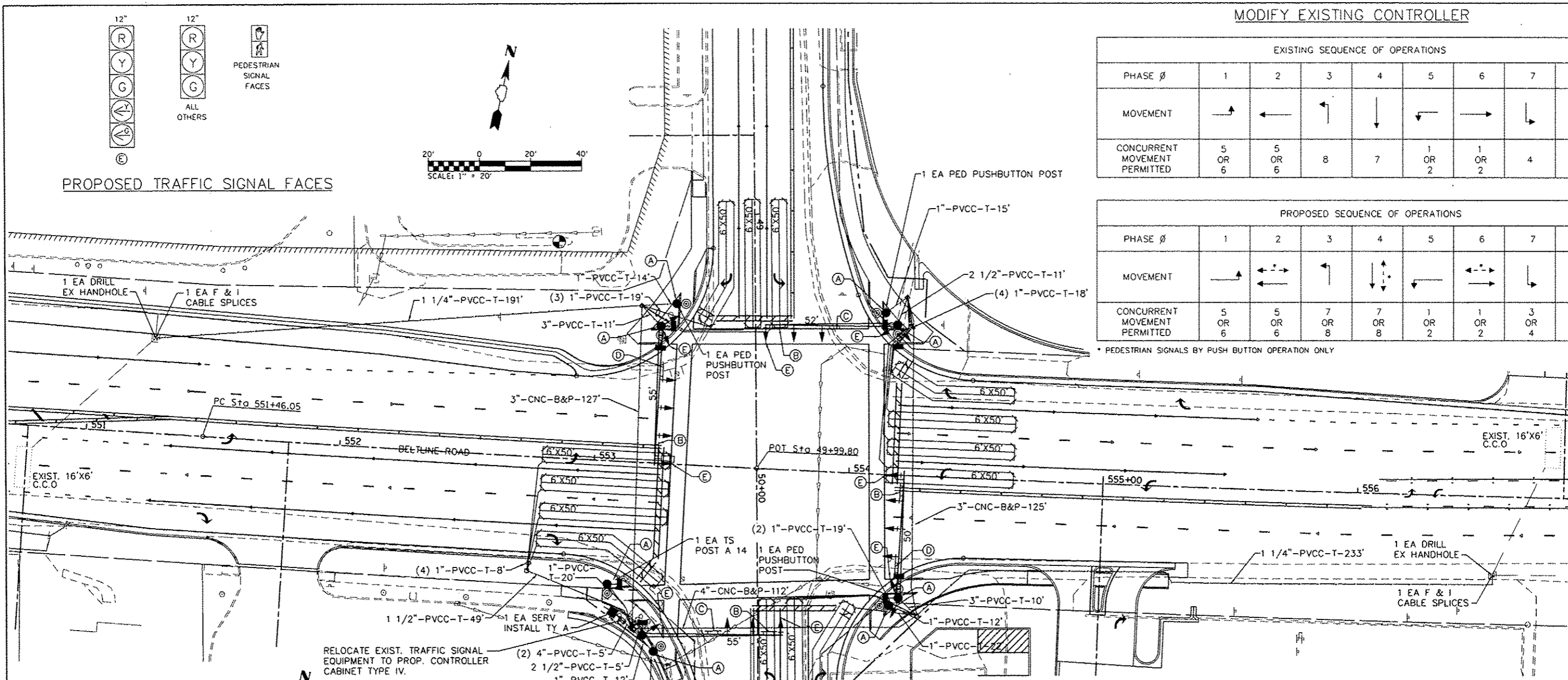
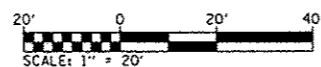
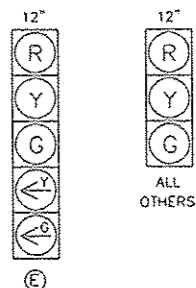
MODIFY EXISTING CONTROLLER

EXISTING SEQUENCE OF OPERATIONS								
PHASE Ø	1	2	3	4	5	6	7	8
MOVEMENT	→	←	↶	↓	↷	→	↵	↑
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	8	7	1 OR 2	1 OR 2	4	3

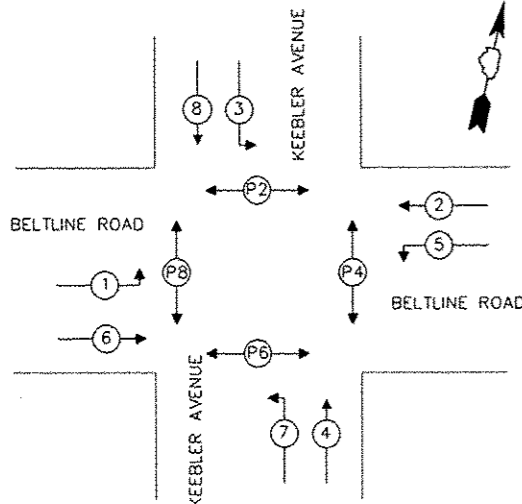
PROPOSED SEQUENCE OF OPERATIONS								
PHASE Ø	1	2	3	4	5	6	7	8
MOVEMENT	→	↔	↶	↕	↷	↔	↵	↕
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

* PEDESTRIAN SIGNALS BY PUSH BUTTON OPERATION ONLY

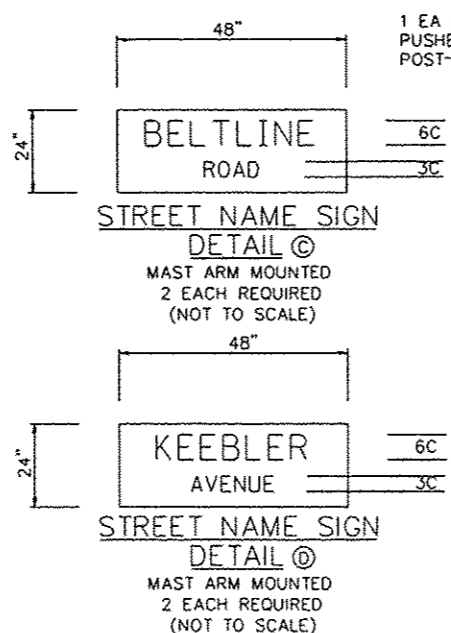
PROPOSED TRAFFIC SIGNAL FACES



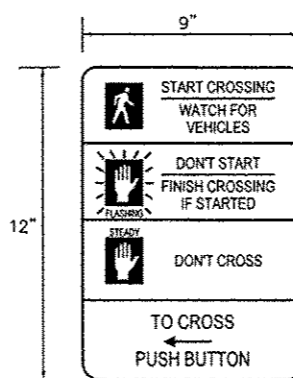
RELOCATE EXIST. TRAFFIC SIGNAL EQUIPMENT TO PROP. CONTROLLER CABINET TYPE IV.



PHASE DESIGNATION DIAGRAM



PROPOSED TRAFFIC SIGNAL PLANS



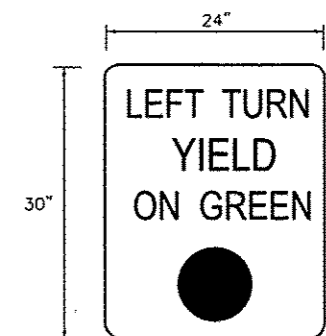
DETAIL OF SIGN PANEL - TYPE 1 ⓐ
8 EACH REQUIRED (NOT TO SCALE)

R10-38

DETAIL OF

SIGN PANEL - TYPE 1 ⓐ

8 EACH REQUIRED (NOT TO SCALE)



R10-12
DETAIL OF SIGN PANEL - TYPE 1 ⓐ
2 EACH REQUIRED
2 EACH RELOCATED (NOT TO SCALE)

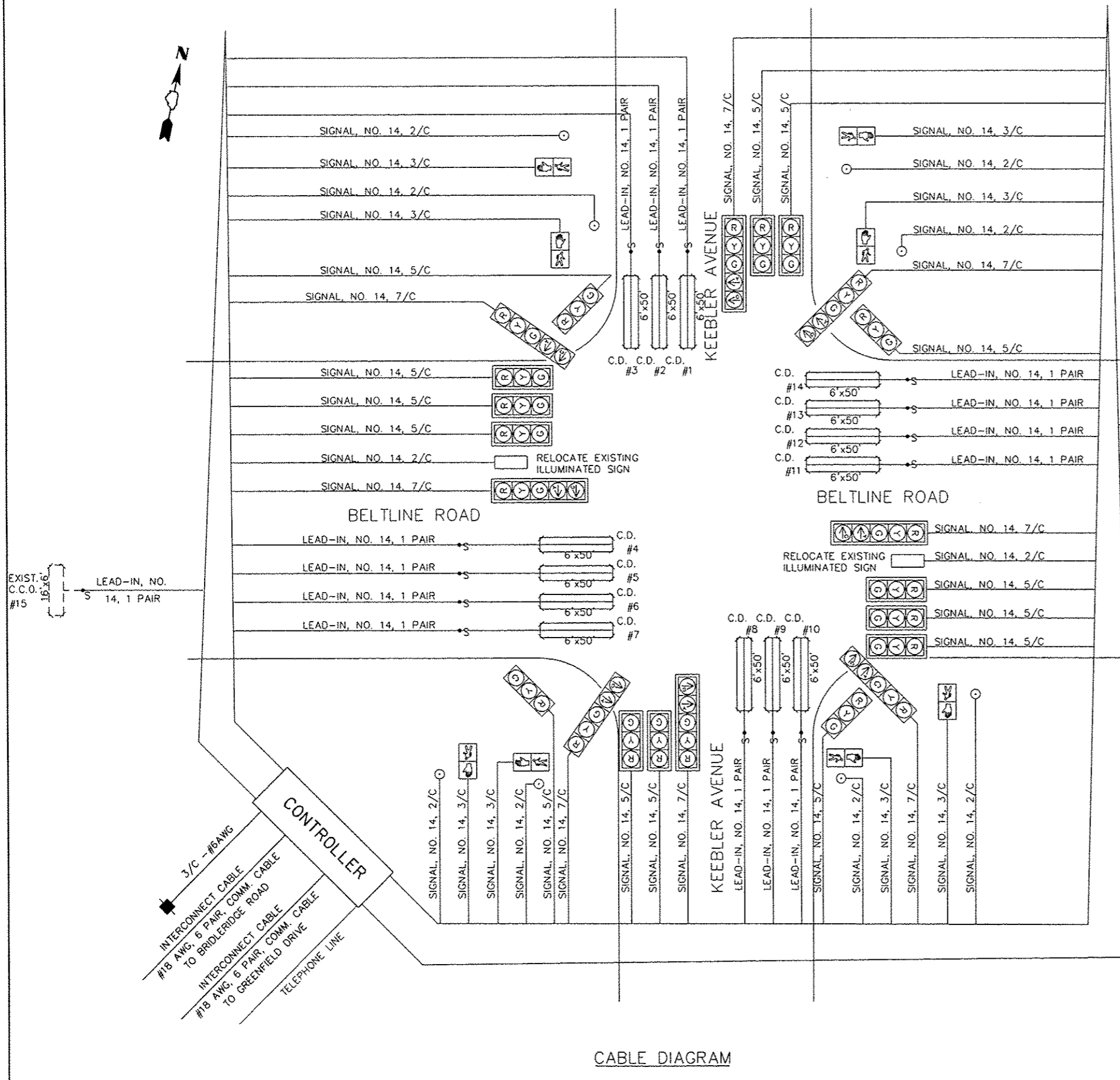
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PLOT DATE : 10/8/2015		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS

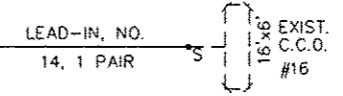
SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-0008-00-TL	MADISON	57	38
BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
CITY OF COLLINSVILLE, ILLINOIS		FED. AID PROJECT CMM-5011 (234)		



BELTLINE ROAD @ KEEBLER AVENUE							
LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	LEAD-IN CABLE LENGTH (FOOT)	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB LT	3	6' X 50'	3 - 6 - 3	193	828	2.56
2	SB THRU	8	6' X 50'	3 - 6 - 3	182	826	2.50
3	SB RT	8	6' X 50'	3 - 6 - 3	166	822	2.42
4	EB LT	1	6' X 50'	3 - 6 - 3	116	811	2.17
5	EB THRU (1)	6	6' X 50'	3 - 6 - 3	105	809	2.12
6	EB THRU (2)	6	6' X 50'	3 - 6 - 3	94	807	2.06
7	EB RT	6	6' X 50'	3 - 6 - 3	88	805	2.03
8	NB LT	7	6' X 50'	3 - 6 - 3	181	826	2.50
9	NB THRU	4	6' X 50'	3 - 6 - 3	171	823	2.45
10	NB RT	4	6' X 50'	3 - 6 - 3	148	819	2.33
11	WB RT	2	6' X 50'	3 - 6 - 3	318	856	3.18
12	WB THRU (1)	2	6' X 50'	3 - 6 - 3	306	853	3.12
13	WB THRU (1)	2	6' X 50'	3 - 6 - 3	293	850	3.06
14	WB LT	5	6' X 50'	3 - 6 - 3	278	857	2.95
15	EB C.C.O.	6	16' X 6'	3	389	362	2.52
16	WB C.C.O.	2	16' X 6'	3	397	363	2.56

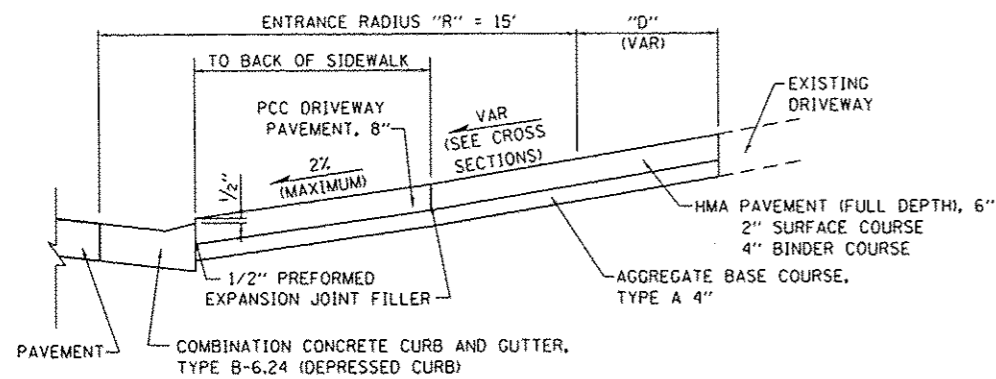
THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.



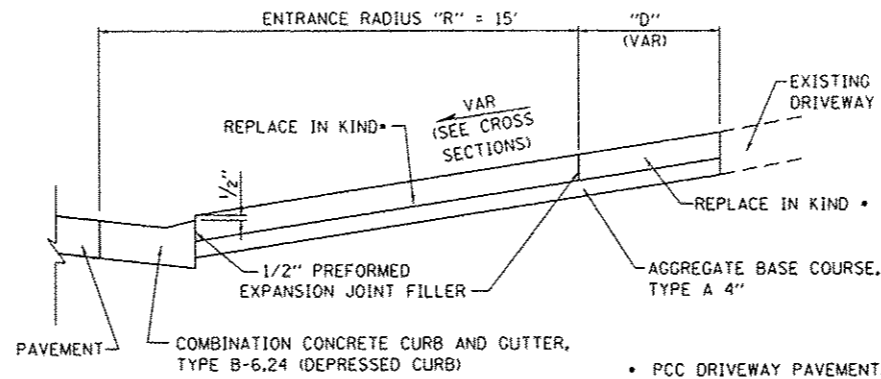
CABLE DIAGRAM LEGEND

- EXISTING ELECTRIC CABLE IN CONDUIT
- s— EXISTING CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- s— PROPOSED ELECTRIC CABLE IN CONDUIT
- s— PROPOSED CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- C.D. CALL DELAY (SEE ELECTRICAL GENERAL NOTES)
- C.C.O. CALL CARRY OVER (SEE ELECTRICAL GENERAL NOTES)
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- #6 LOOP DETECTOR NUMBER
- PROPOSED PEDESTRIAN PUSH BUTTON
- PROPOSED SERVICE INSTALLATION

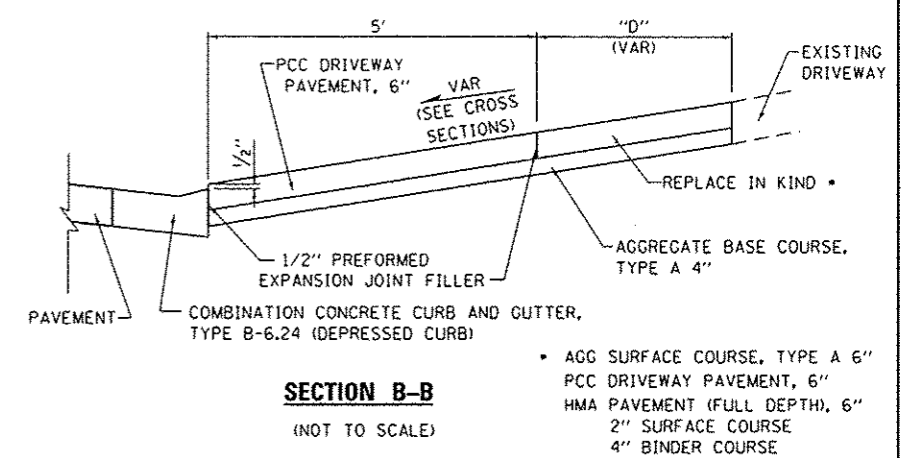
CABLE DIAGRAM



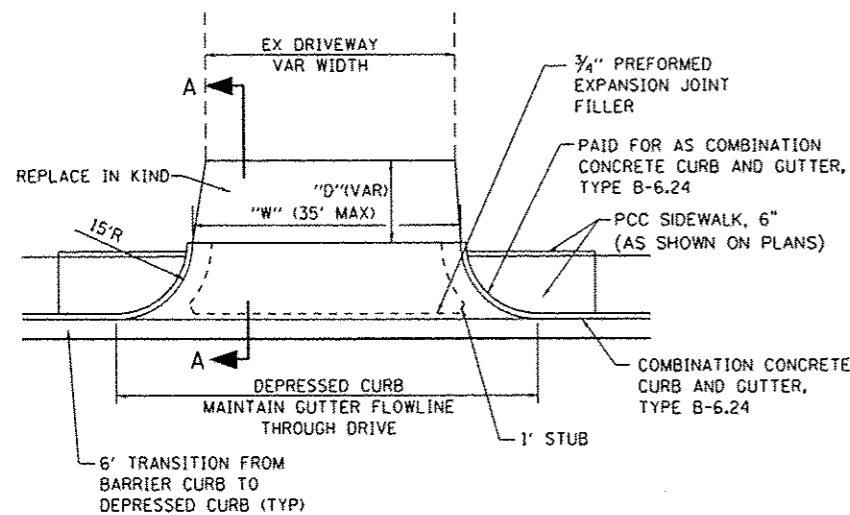
SECTION A-A
(NOT TO SCALE)



SECTION A-A
(NOT TO SCALE)

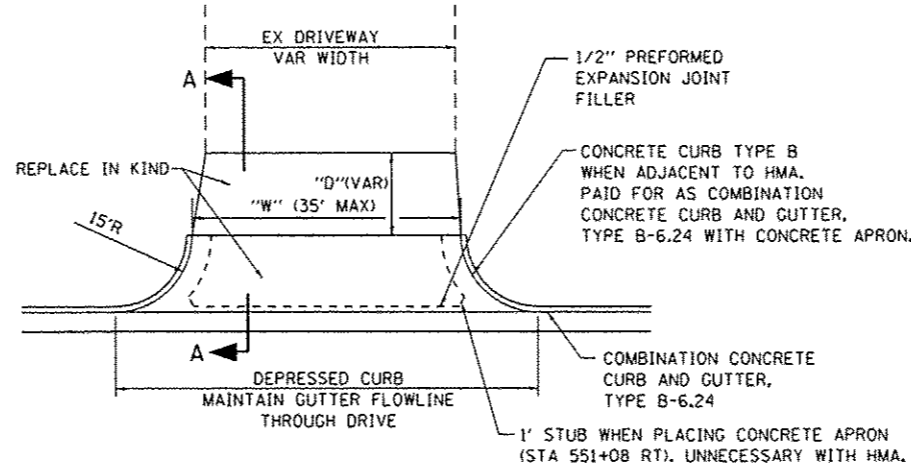


SECTION B-B
(NOT TO SCALE)



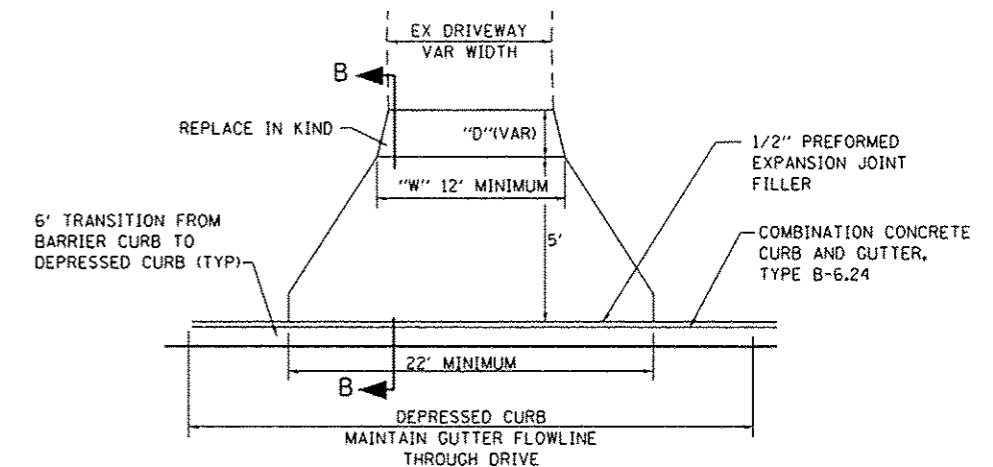
TYPICAL COMMERCIAL ENTRANCE DETAIL WITH SIDEWALK

STA 46+40 LT
(NOT TO SCALE)



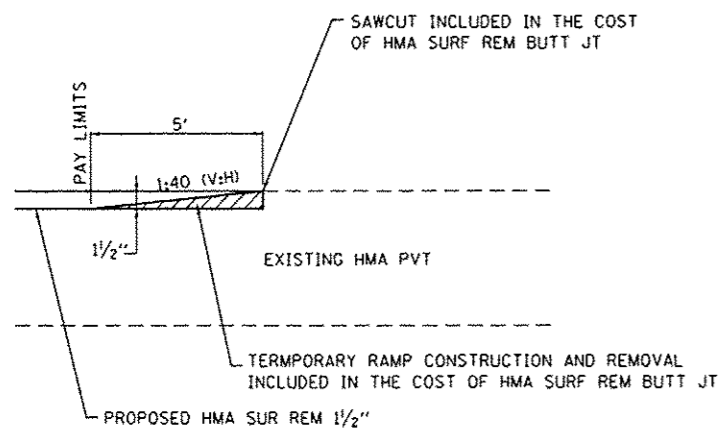
TYPICAL COMMERCIAL ENTRANCE DETAIL WITHOUT SIDEWALK

(NOT TO SCALE)



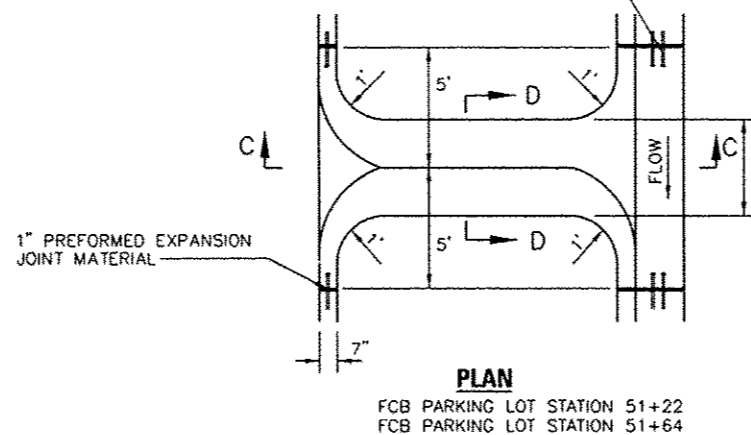
TYPICAL PRIVATE ENTRANCE DETAIL

(NOT TO SCALE)



BUTT JOINT DETAIL
(NOT TO SCALE)

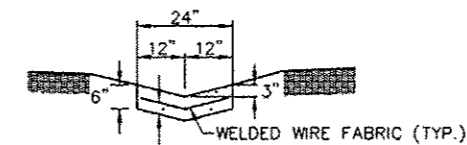
DOWEL BARS, 18" LONG PLACED AT MID DEPTH THE COST FOR THE DOWEL BAR INSTALLATION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE CURB & GUTTER TYPE B-6.24.



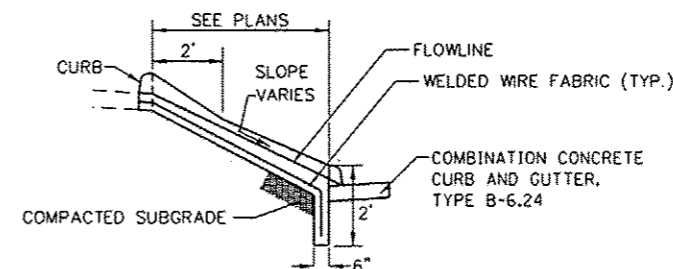
PLAN

FCB PARKING LOT STATION 51+22
FCB PARKING LOT STATION 51+64

NOTES: "V" GUTTER DRAINAGE OUTLETS SHALL BE MEASURED IN FEET ALONG THE FLOWLINE AND PAID FOR AS CONCRETE CURB AND GUTTER TYPE B-6.24.

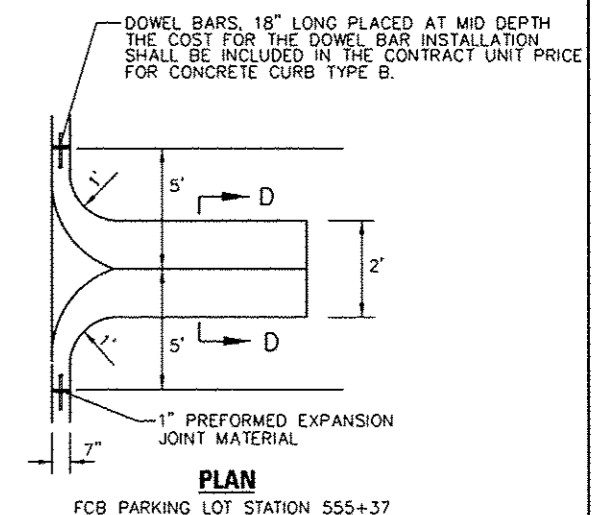


SECTION D-D



SECTION C-C

"V" GUTTER DETAIL
(NOT TO SCALE)

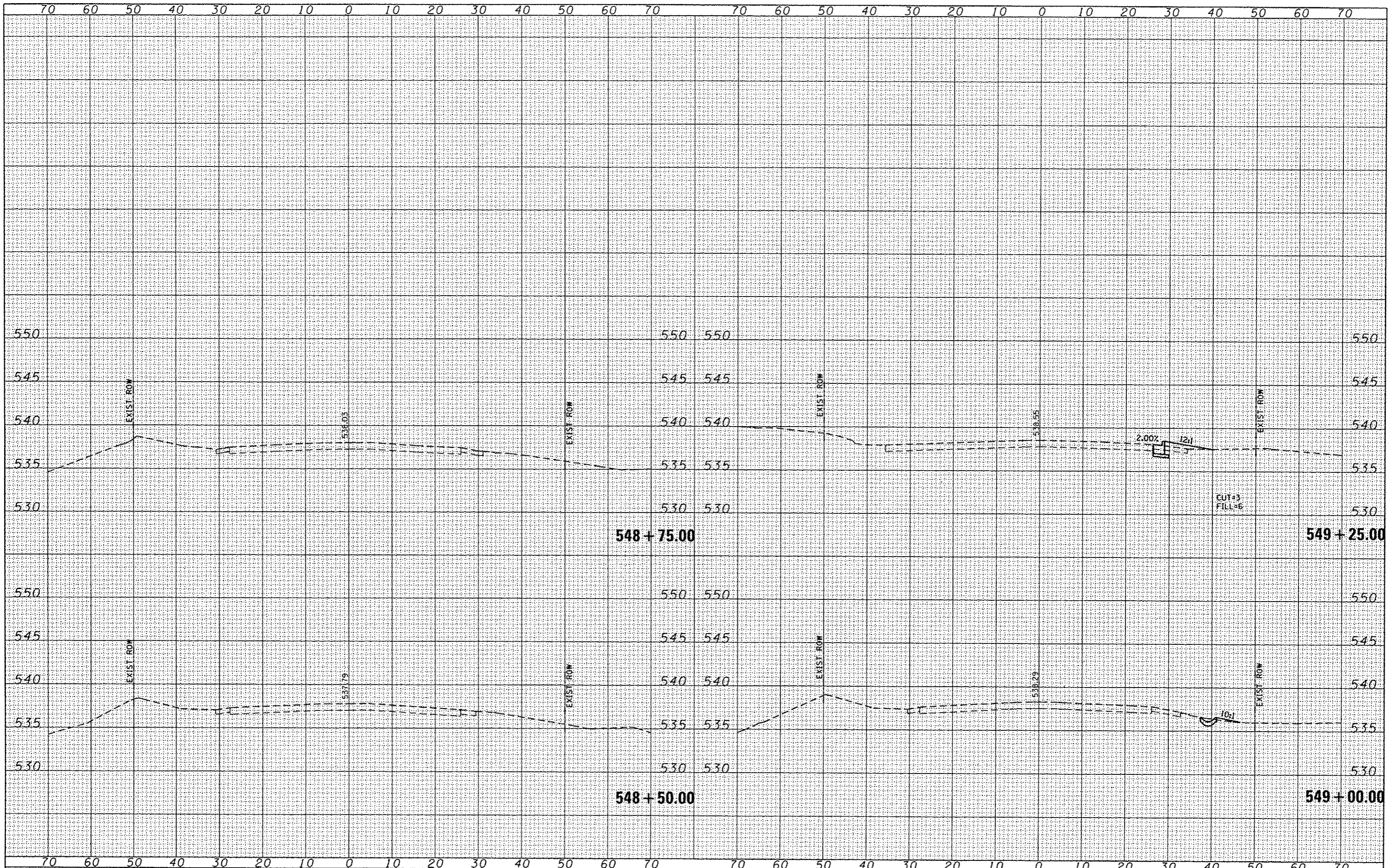


PLAN

FCB PARKING LOT STATION 55+37

NOTES: "V" GUTTER DRAINAGE OUTLETS SHALL BE MEASURED IN FEET ALONG THE FLOWLINE AND PAID FOR AS CONCRETE CURB AND GUTTER TYPE B.

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	DETAILS.dgn	DRAWN: JTH	REVISED: -			9122	06-00088-00-TL	MADISON	57	40	
	PLOT SCALE: 48,0000 / 1"	CHECKED: -	REVISED: -			BELTLINE/KEEBLER INT. IMPROVEMENTS CONTRACT NO. 97440					
	PLOT DATE: 10/2/2015	DATE: -	REVISED: -			CITY OF COLLINSVILLE [ILLINOIS] FED. AID PROJECT CMM-5011 (2341)					



DATE	
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NOTE BOOK	
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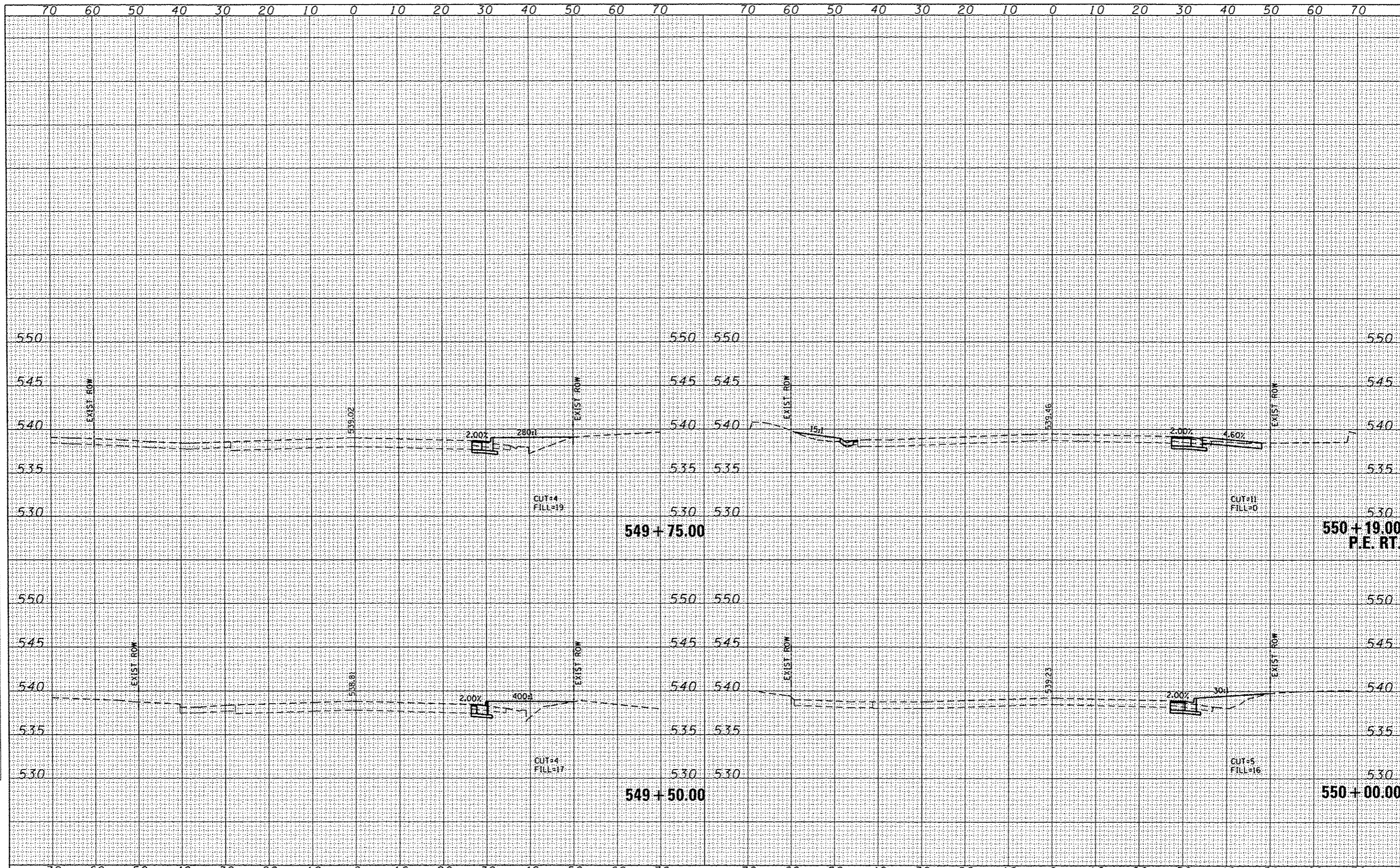
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BELTLINE ROAD CROSS SECTION SHEETS

SCALE: 1"=10' SHEET NO. 1 OF 9 SHEETS STA. 548+50.00 TO STA. 549+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	41
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

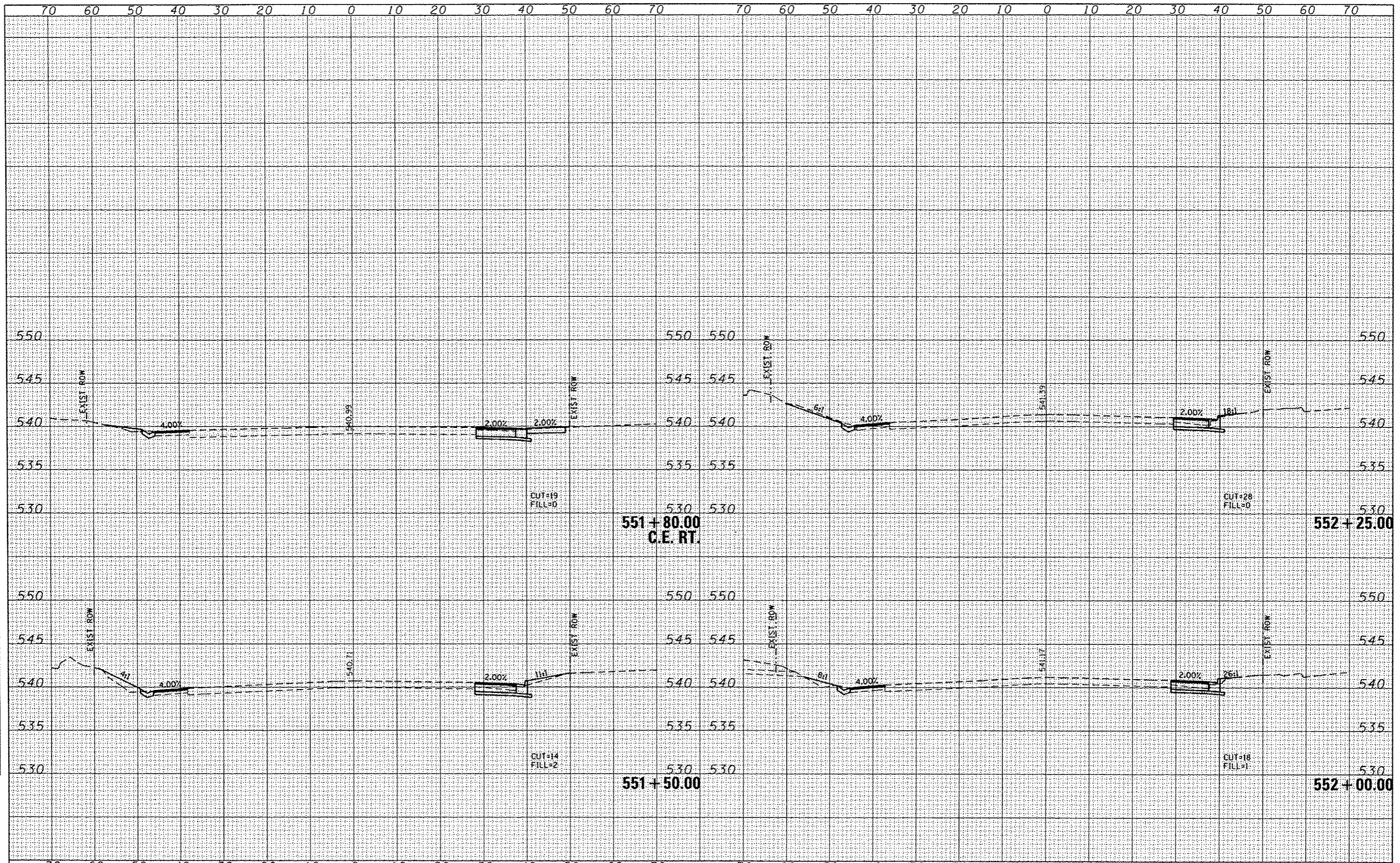


DATE	
BY	
FINAL SURVEY	
NOTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	
BY	
FINAL SURVEY	
SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
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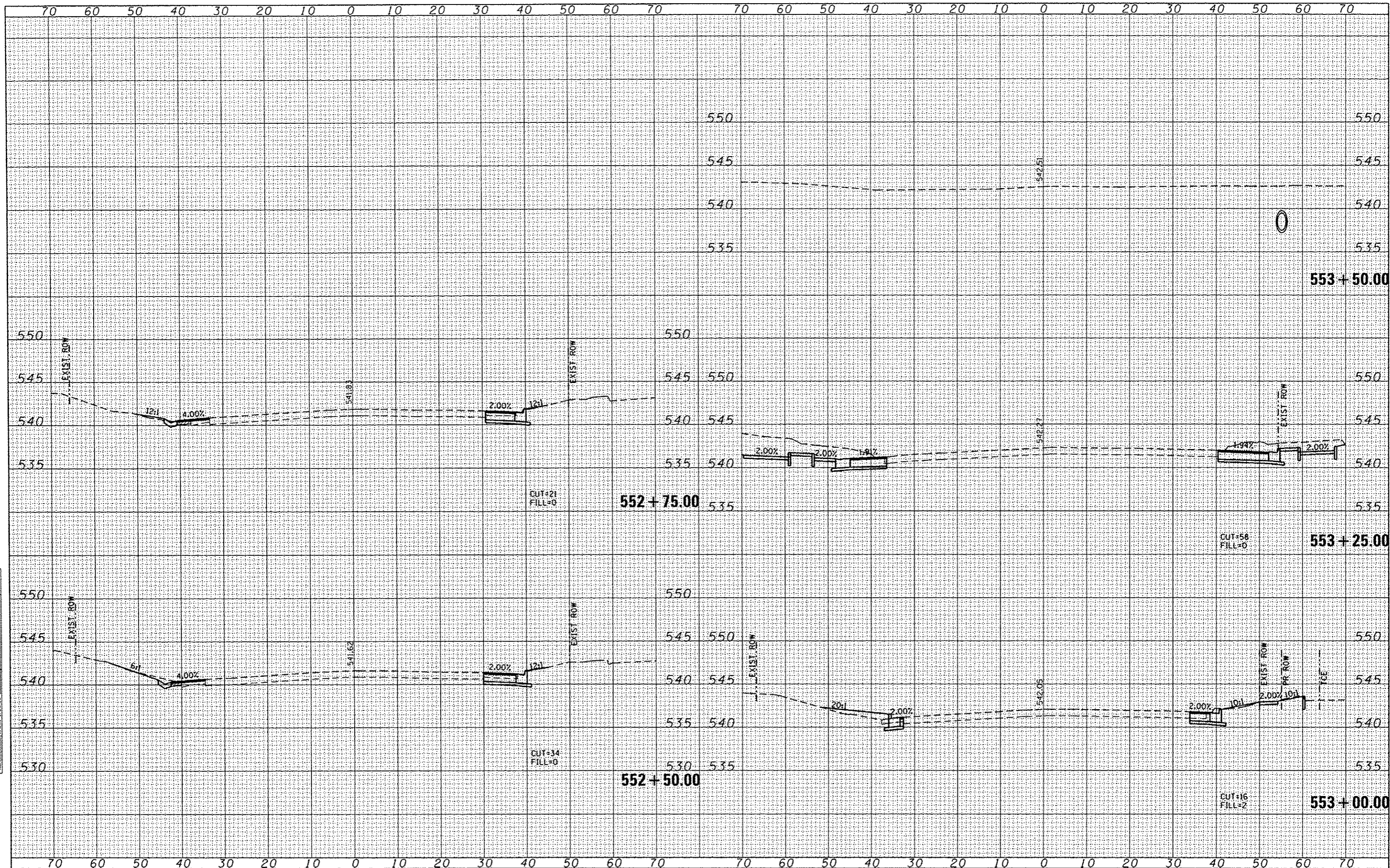
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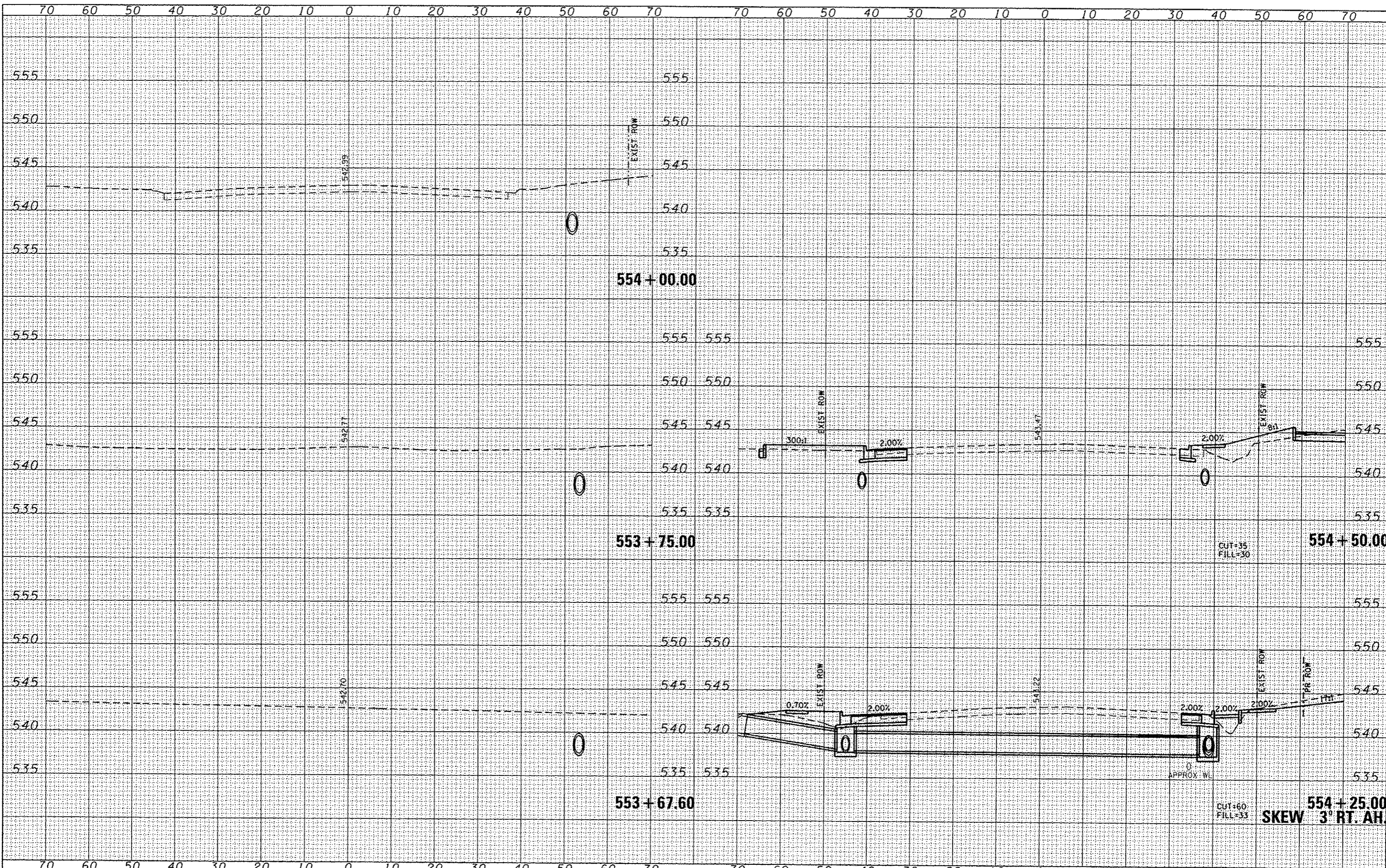


FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BELTLINE ROAD CROSS SECTION SHEETS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\26841\dgn\Cadd Sheets\0825041-sh1-section-Beltline.dgn	vreis.helmkamp	PAM				SCALE: 1"=10'		9122	06-00088-00-TL	MADISON	57	44
		DRAWN	REVISED			SHEET NO. 4 OF 9 SHEETS		BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
		JTH				STA. 551+50.00 TO STA. 552+25.00		ILLINOIS FED. AID PROJECT				
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

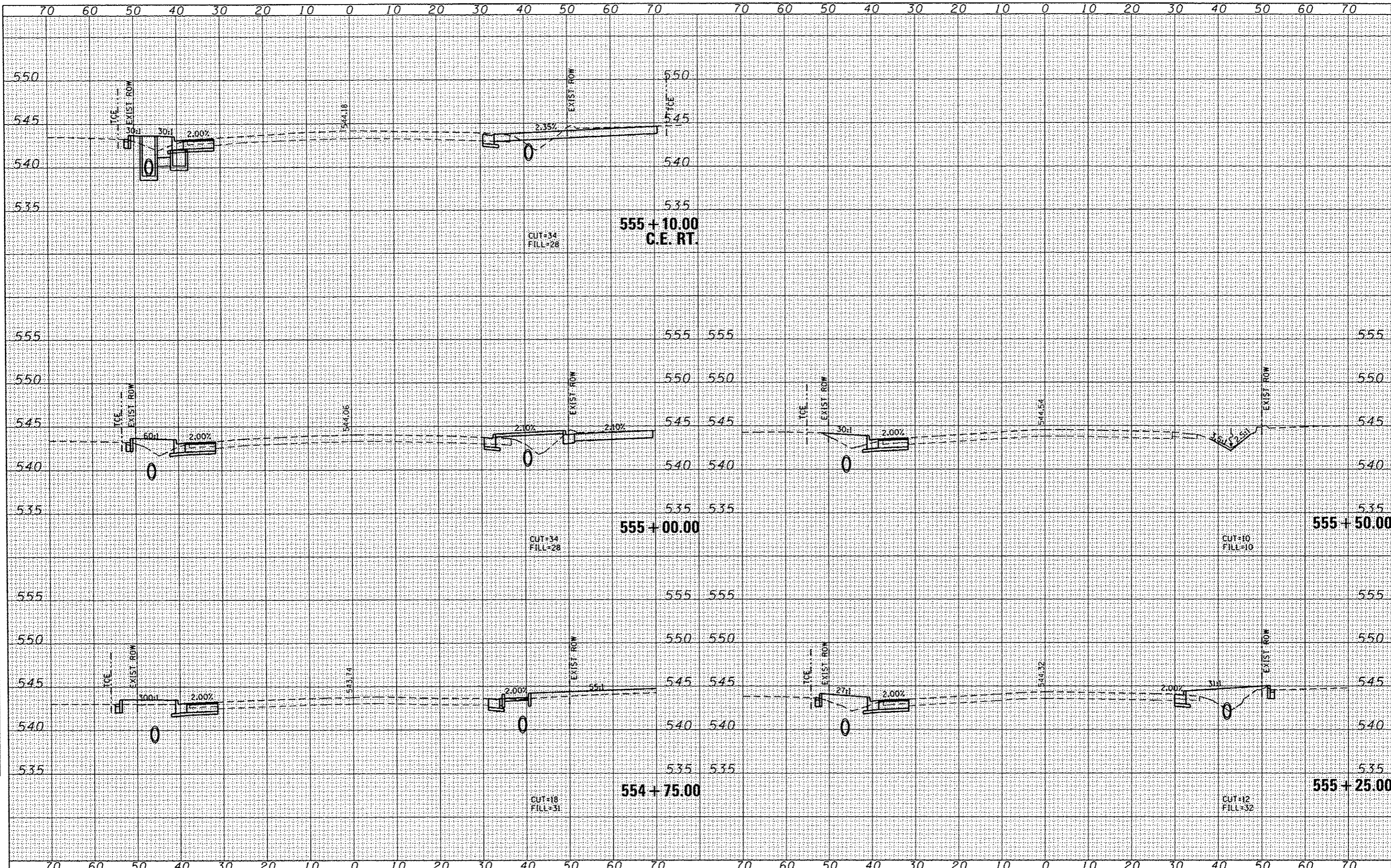
BELTLINE ROAD CROSS SECTION SHEETS

SCALE: 1"=10' SHEET NO. 6 OF 9 SHEETS STA. 553+67.60 TO STA. 554+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	46
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

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 USER NAME: travis.helmkamp
 DESIGNED: PAM
 DRAWN: JTH
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

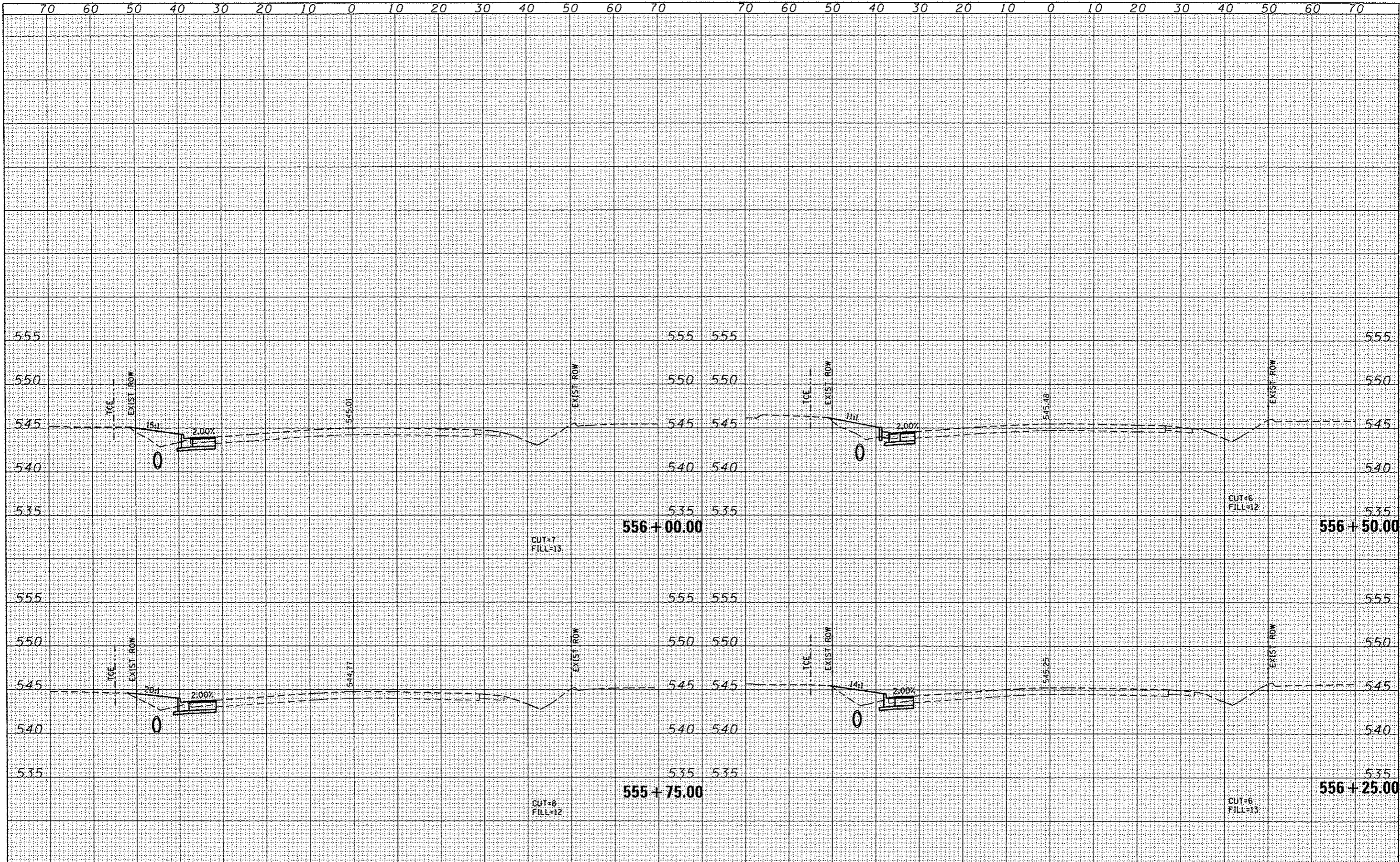
BELTLINE ROAD CROSS SECTION SHEETS

SCALE: 1"=10' SHEET NO. 7 OF 9 SHEETS STA. 554+75.00 TO STA. 555+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	47
BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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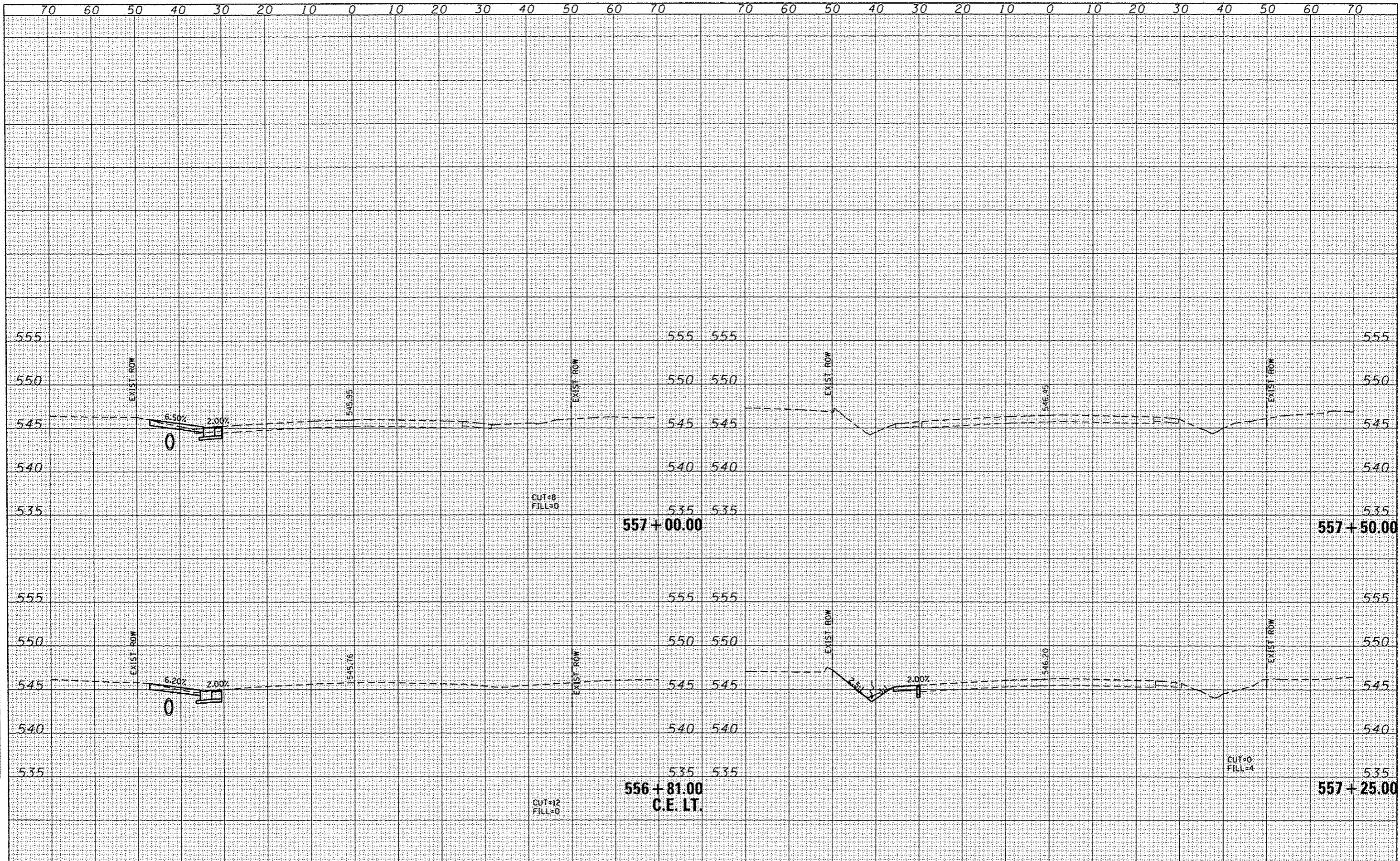
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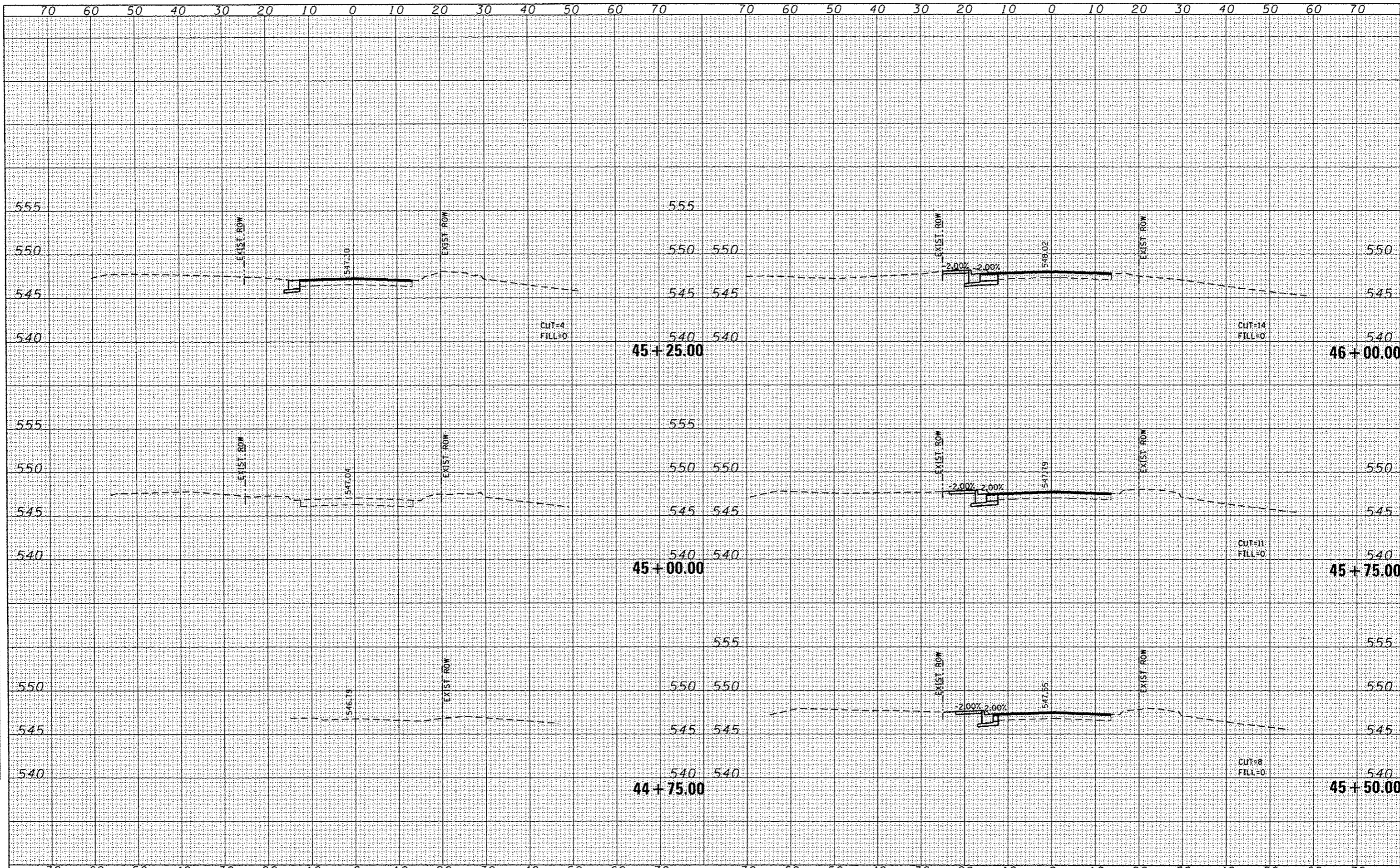
FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BELTLINE ROAD CROSS SECTION SHEETS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\26841\dgn\Cadd Sheets\0826841-shr-x-section-Beltline.dgn	trovis.helmkamp	PAM				SCALE: 1"=10'		9122	06-00088-00-TL	MADISON	57	48
		DRAWN	REVISED			SHEET NO. 8 OF 9 SHEETS		BELTLINE/KEEGLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
		CHECKED	REVISED			STA. 555+75.00 TO STA. 556+50.00		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
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PLOT SCALE = 20.0000' / in.	DRAWN - JTH	CHECKED -	REVISED -		SCALE: 1"=10'	SHEET NO. 9 OF 9 SHEETS	STA. 556+81.00 TO STA. 557+50.00	BELTLINE/KEEBLER INT. IMPROVEMENTS		CONTRACT NO. 97440		
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

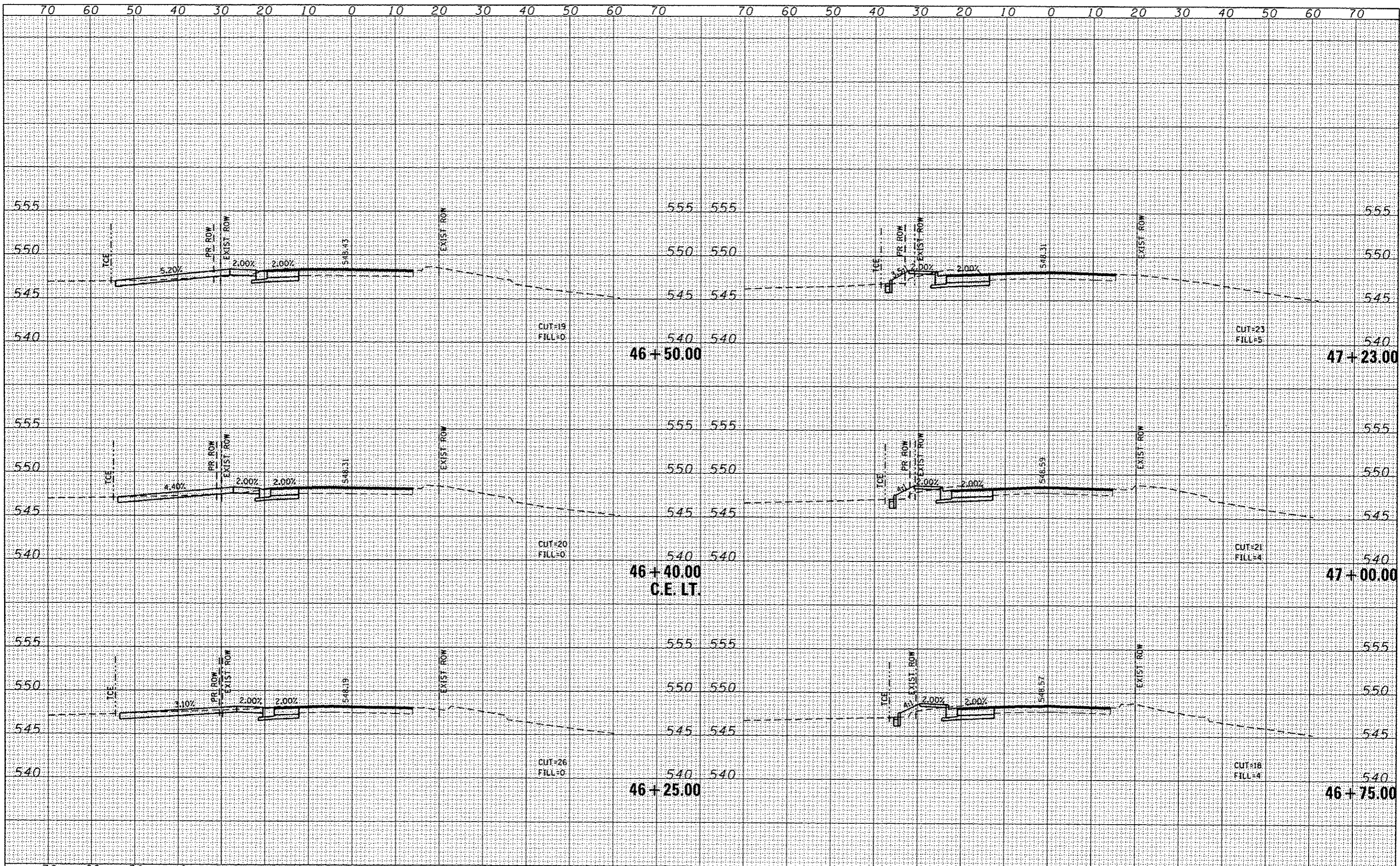
KEEBLER AVENUE CROSS SECTION SHEETS

SCALE: 1"=10' SHEET NO. 1 OF 8 SHEETS STA. 44+75.00 TO STA. 46+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	50
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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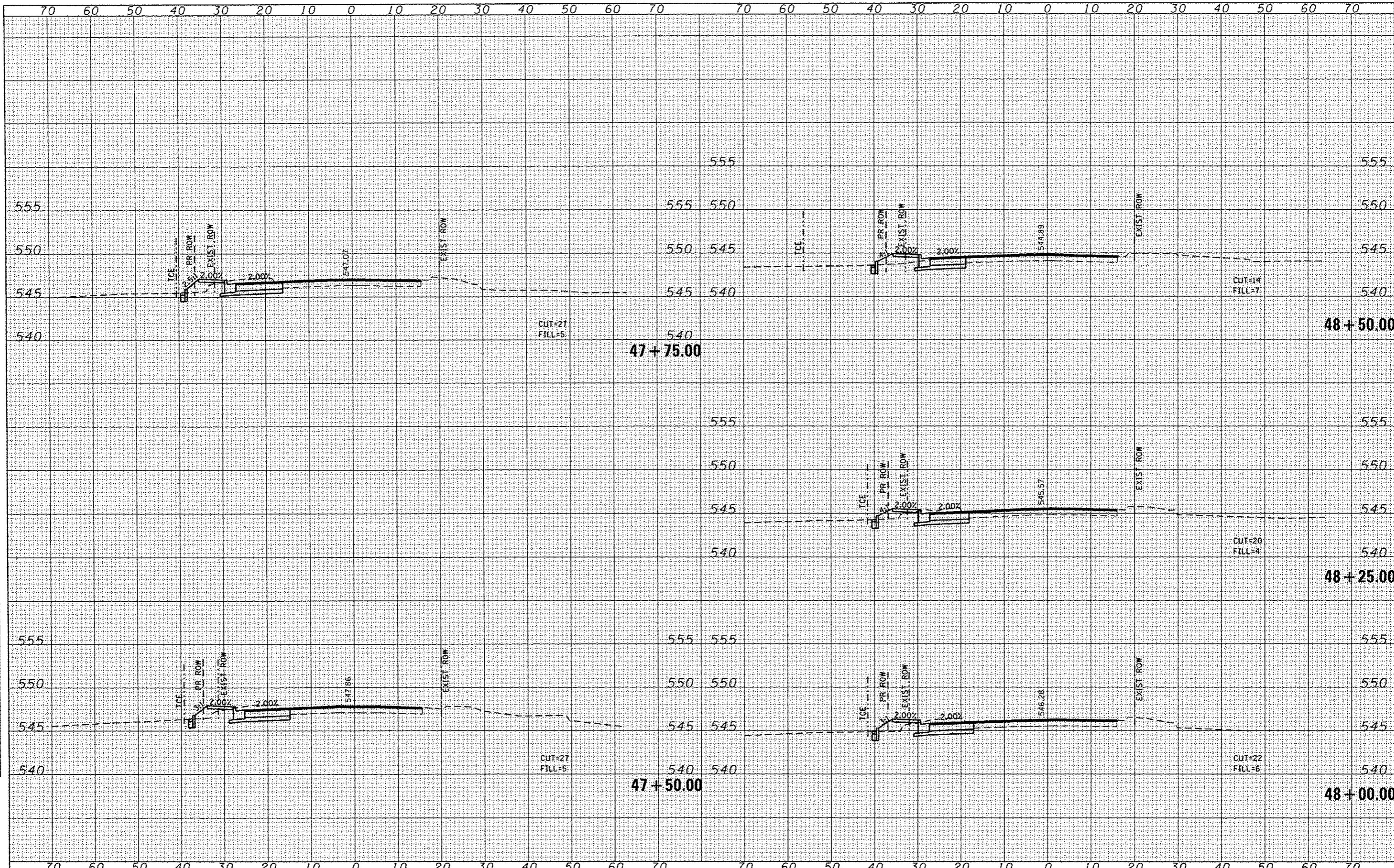
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DEPARTMENT OF TRANSPORTATION

KEEBLER AVENUE CROSS SECTION SHEETS

SCALE: 1"=10' SHEET NO. 2 OF 8 SHEETS STA. 46+25.00 TO STA. 47+23.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	51
BELTLINE/KEEBLER INT. IMPROVEMENTS			CONTRACT NO. 97440	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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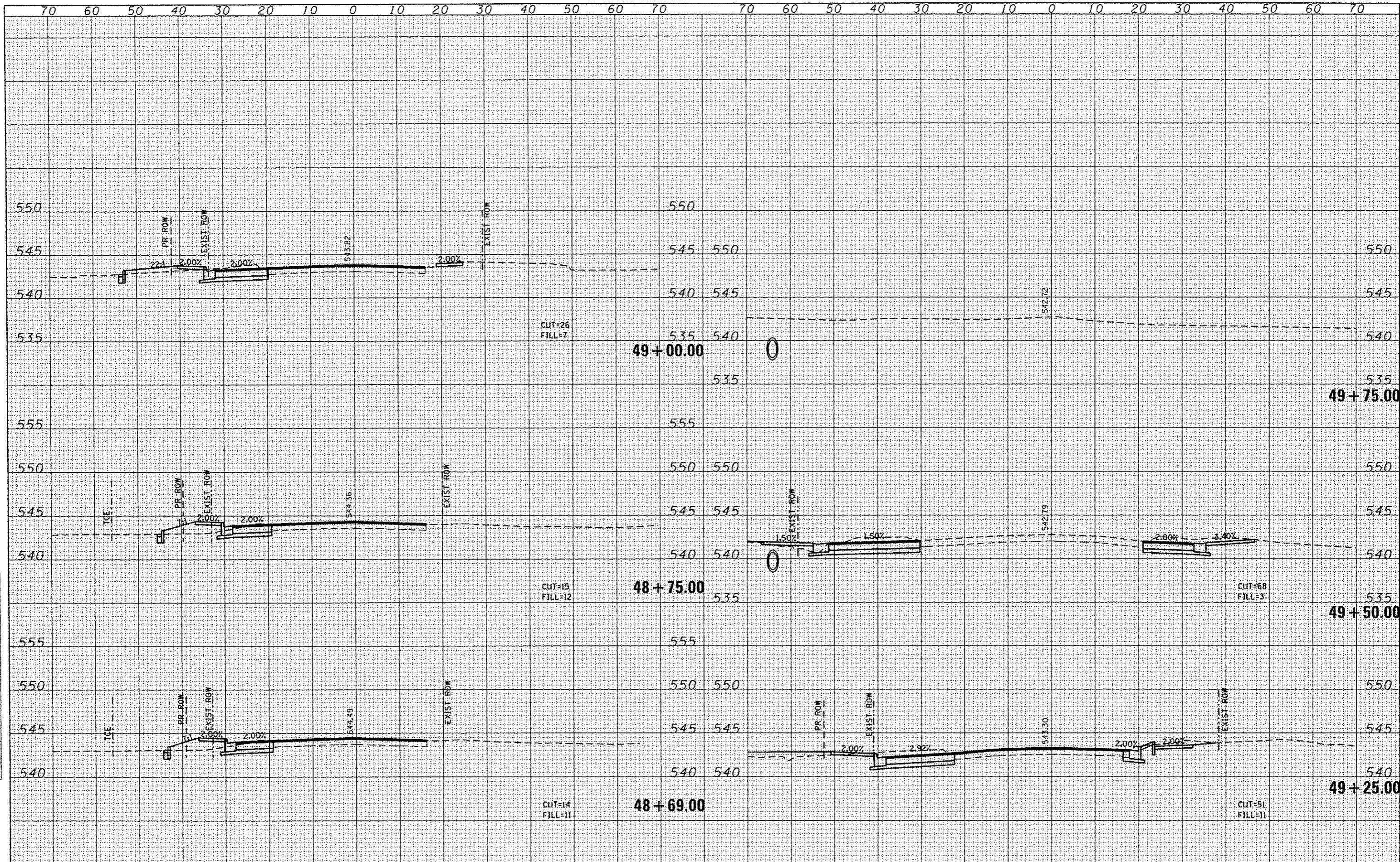
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

KEBLEER AVENUE CROSS SECTION SHEETS

SCALE: 1"=10' SHEET NO. 3 OF 8 SHEETS STA. 47+50.00 TO STA. 48+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	06-00088-00-TL	MADISON	57	52
BELTLINE/KEBLEER INT. IMPROVEMENTS		CONTRACT NO. 97440		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

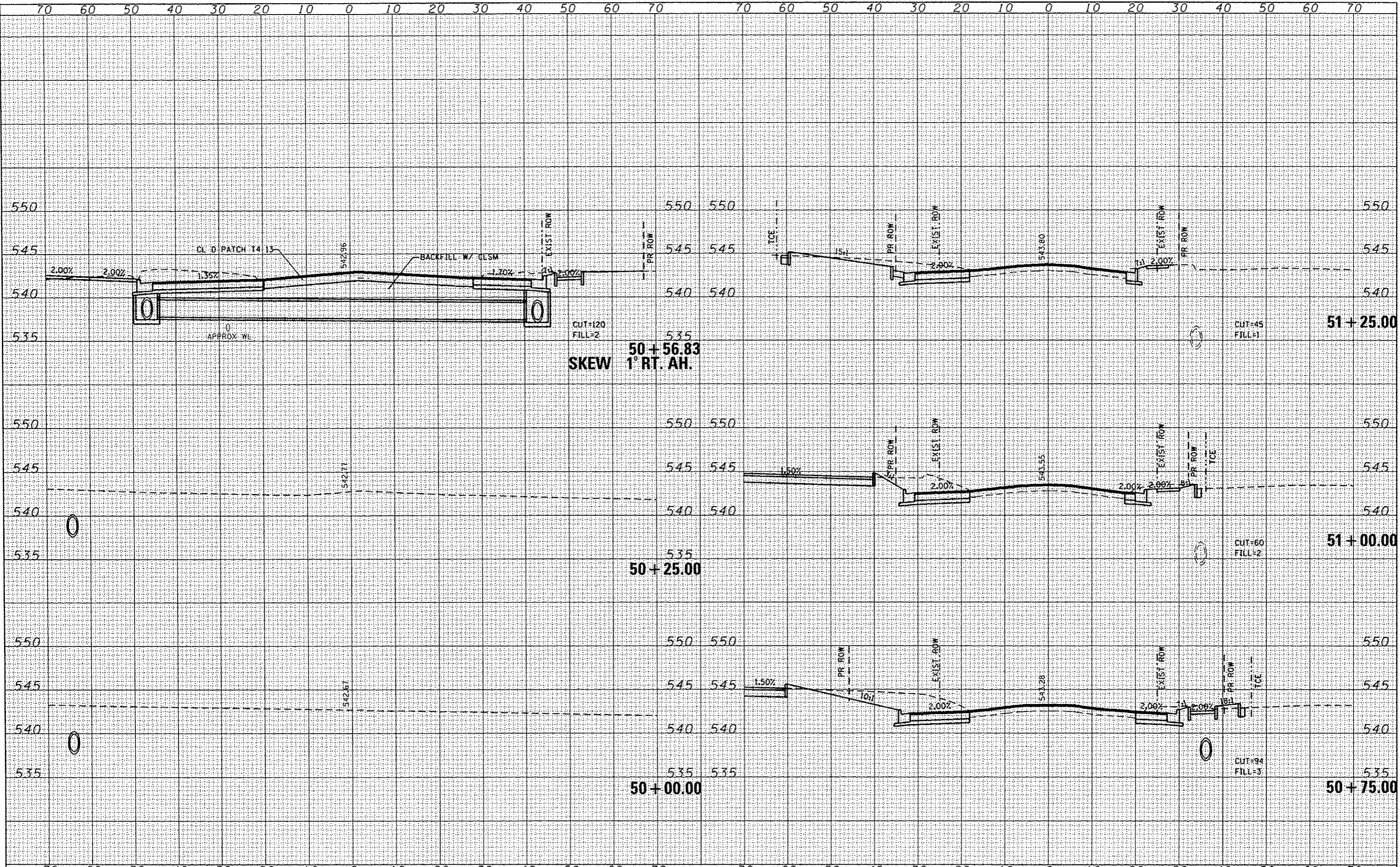


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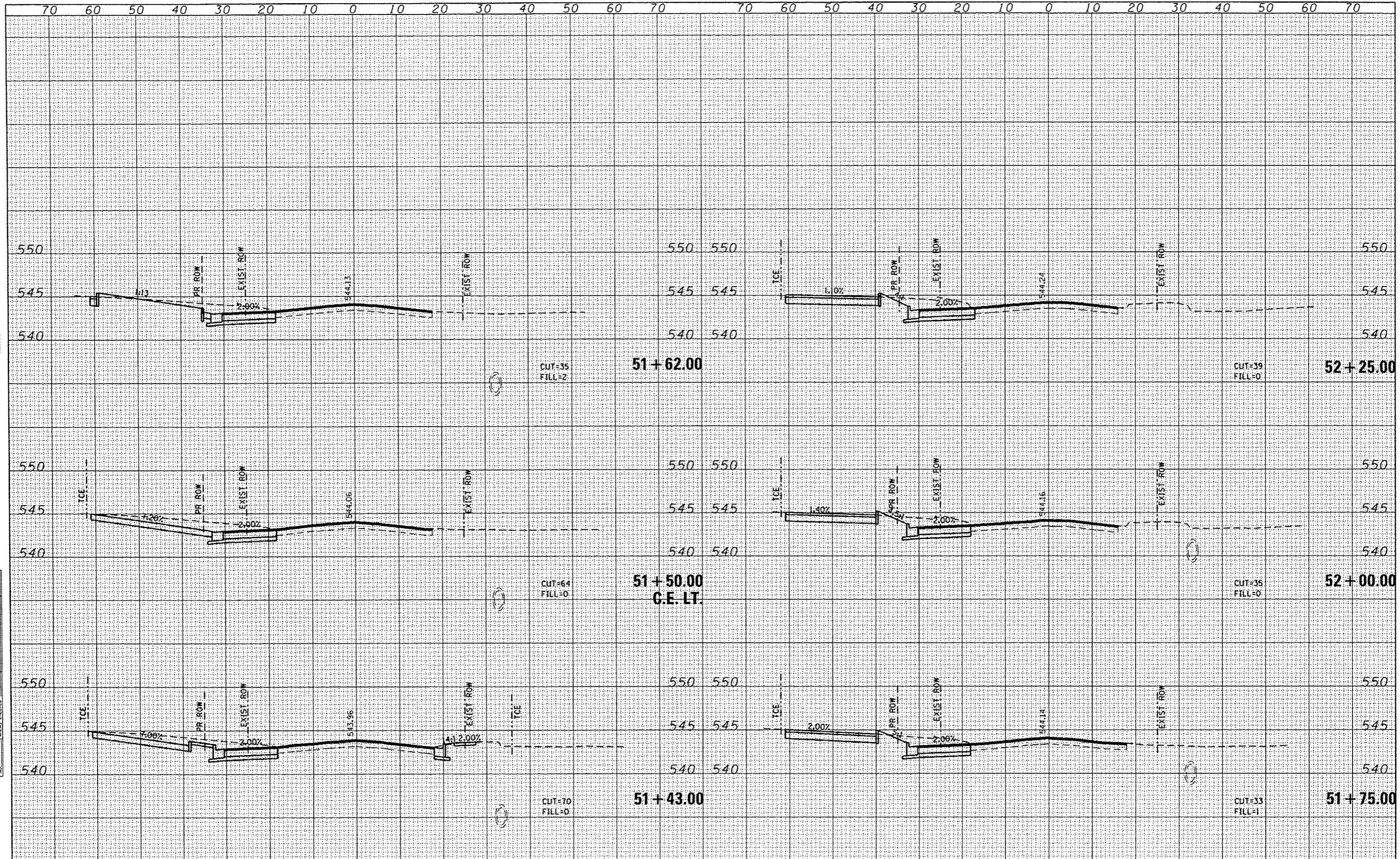
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		PLOT SCALE = 20,0000 / in.	REVISED -									
		PLOT DATE = 10/8/2015	REVISED -									

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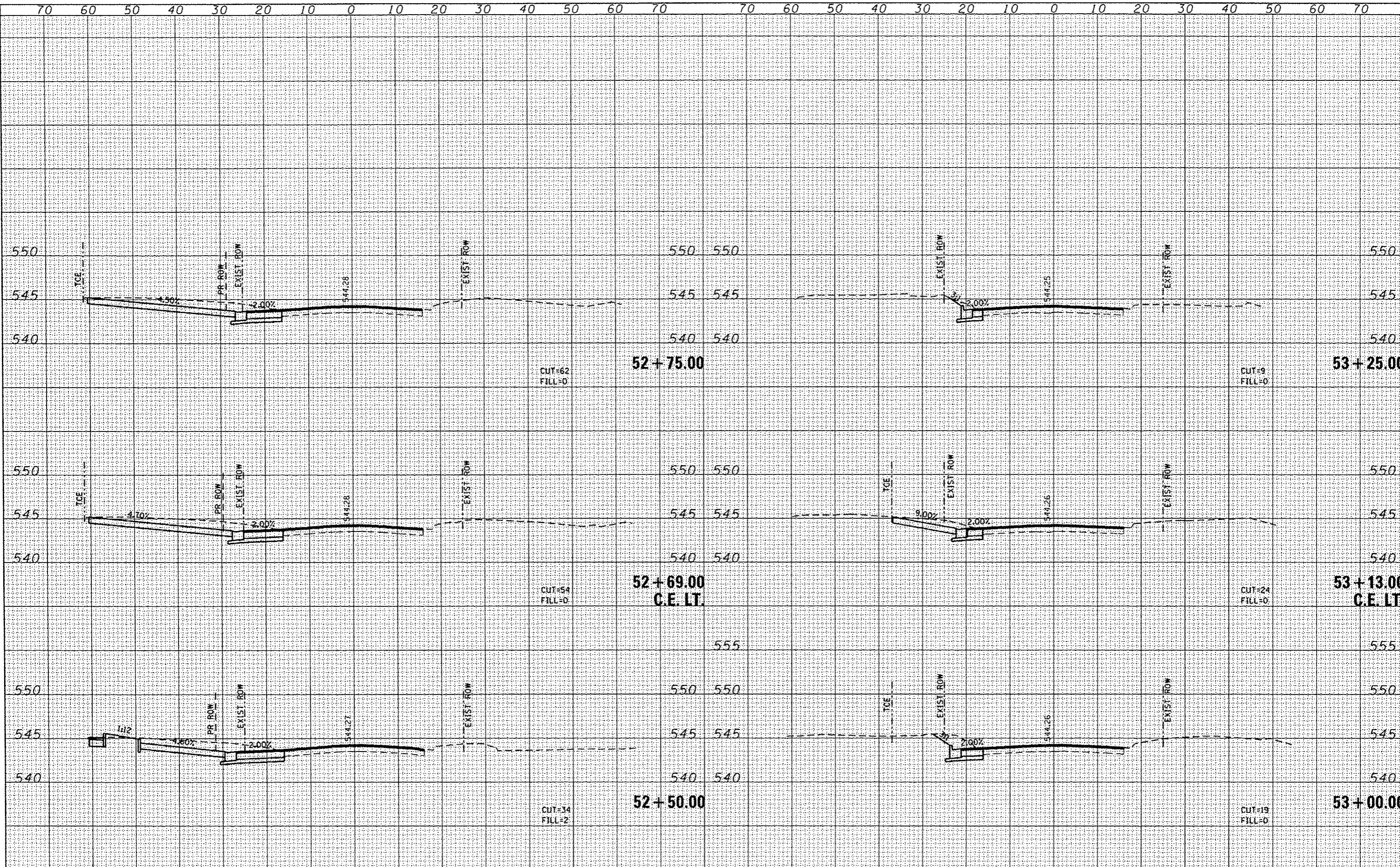
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	PLOT SCALE = 20.0000 / in.	CHECKED -	REVISED -				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			
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