

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

06-14-2019 LETTING ITEM 213

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	6	1

CONTRACT NO.: 61F06

TRAFFIC DATA

SHERMER ROAD
MINOR ARTERIAL
POSTED SPEED LIMIT = 25/35 MPH
2018 ADT = 5,200

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

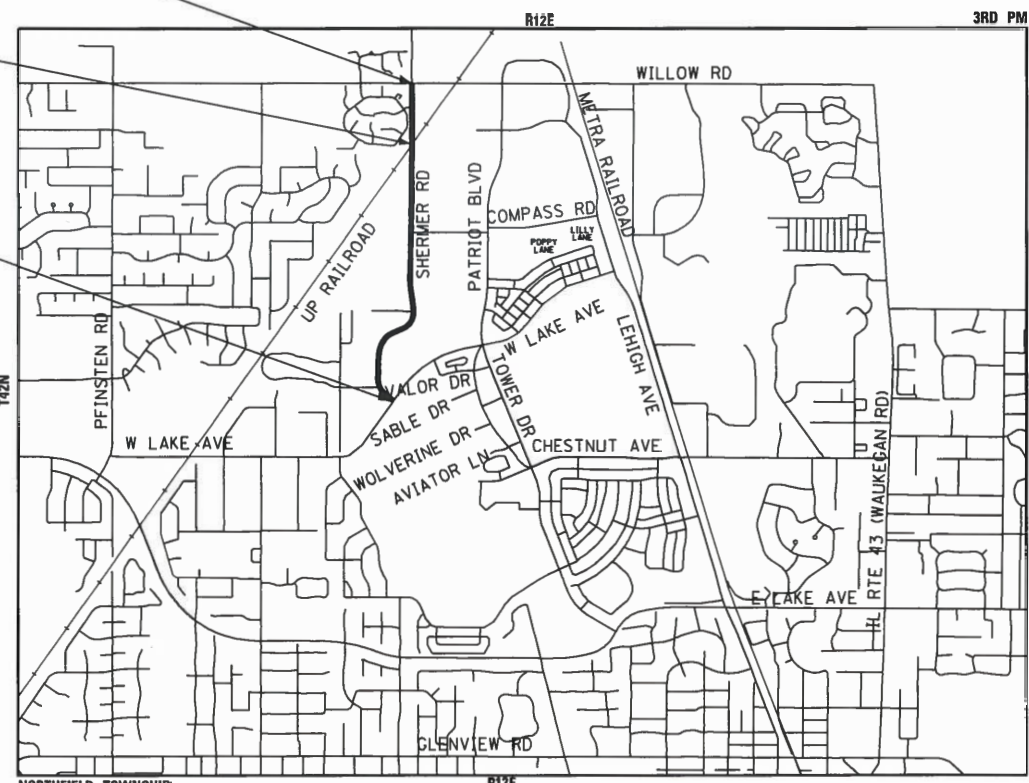
(OR 0042) SHERMER ROAD
W. LAKE AVE (FAU 1284) TO WILLOW RD (FAP 305)
SIDEWALKS, BIKE/PEDESTRIAN PATH
SECTION: 13-00185-00-BT
PROJECT: BGZV(391)
VILLAGE OF GLENVIEW
COOK COUNTY
C-91-403-16



MULTI-USE PATH
IMPROVEMENT ENDS
STA 259 + 65

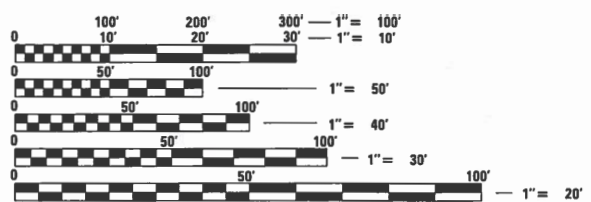
SN: 016-0712
STA: 252 + 19

MULTI-USE PATH
IMPROVEMENT BEGINS
STA 200 + 12



LOCATION MAP
NO SCALE

GROSS LENGTH = 5,953 FT. = 1.127 MILE
NET LENGTH = 5,953 FT. = 1.127 MILE

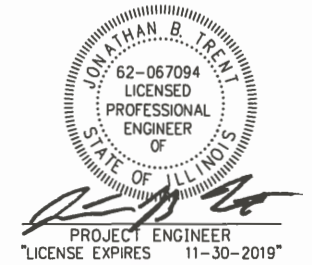
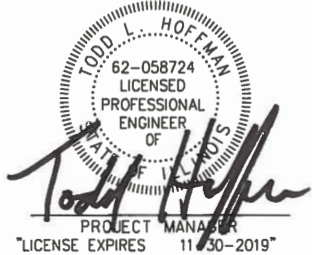


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A1302969 & A1302984



CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = COOK
CITY-TOWNSHIP = GLENVIEW & NORTHBROOK - NORTHFIELD
SEC. & 1/4 SEC. NO. = SEC. 22 NE & SE 1/4, SEC. 27 NW 1/4, SEC. 28 NE 1/4
48 HOURS (2 working days) BEFORE YOU DIG



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	7-25-2018 <i>[Signature]</i> VILLAGE OF GLENVIEW
APPROVED	July 25, 2018 <i>[Signature]</i> VILLAGE OF NORTHBROOK
PASSED	AUGUST 22, 2018 <i>[Signature]</i> DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	AUGUST 24, 2018 <i>[Signature]</i> REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO.: 61F06

B&W PROJECT NO.: 160009.23 DATE: 07-25-18

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 06-0009-23-Shermer-10/15/18
303709
ENGINEER: CHARLES F. RIDDLE, P.E., SCHAUMBURG, IL
FEDERAL AID PROGRAM

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46	ARTERIAL ROAD INFORMATION SIGN (TC-22)
47 = 61	CROSS SECTIONS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602401-06	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

COMMITMENTS

THERE ARE NO COMMITMENTS ON THIS PROJECT

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DESIGNED -	JBT	REVISED -	2-25-19
DRAWN -	MAC	REVISED -	
CHECKED -	TLH	REVISED -	
DATE -	7-25-18	FILE -	160009-23_sht_Gen-notes.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS

SCALE: NONE

STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	2
CONTRACT NO.			61F06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- PRIVATE UTILITIES SHOWN ON THE PLANS REPRESENTS ONLY THE OPINION OF THE VILLAGE AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER AND THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY TO VERIFY THAT GRADE CONFLICTS WILL NOT OCCUR WITH ANY PROPOSED UTILITIES PRIOR TO CONSTRUCTION AND ORDERING ANY MATERIALS. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF GLENVIEW PUBLIC WORKS OFFICE (847-657-3030) AND THE VILLAGE OF NORTHBROOK PUBLIC WORKS OFFICE (847-272-4711) AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
- THE CONTRACTOR SHALL SUBMIT PARTIAL WAIVERS OF LIEN FROM ALL SUBCONTRACTORS AND SUPPLIERS WITH EACH PARTIAL PAYMENT ESTIMATE AND CONTRACTOR'S AFFIDAVIT FOR SUBCONTRACTORS AND SUPPLIERS WITH SECOND PAYMENT REQUEST FOR THE PREVIOUS PAYMENT ESTIMATES AND THEN WITH ALL SUBSEQUENT PAYMENT ESTIMATES.
- THE ENGINEER WILL FURNISH A RESIDENT PROJECT REPRESENTATIVE (RPR) TO ASSIST THE ENGINEER IN PROVIDING JOB-SITE OBSERVATION OF THE CONTRACTOR'S WORK. THE RPR WILL PROVIDE BASE LINES, BENCHMARKS AND REFERENCE POINTS, ASSIST THE CONTRACTOR WITH INTERPRETATION OF THE PLANS AND SPECIFICATIONS, OBSERVE IN GENERAL IF THE CONTRACTOR'S WORK IS IN CONFORMITY WITH THE CONTRACT DOCUMENTS, AND MONITOR THE CONTRACTOR'S PROGRESS AS RELATED TO THE DATE OF COMPLETION. THE LIMITATIONS ON AUTHORITY AND RESPONSIBILITY OF THE ENGINEER SHALL ALSO APPLY TO THE ENGINEER'S CONSULTANTS, RESIDENT PROJECT REPRESENTATIVE AND ASSISTANTS.
- THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
- ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- PER THE VILLAGE'S ORDINANCE, THE CONTRACTOR SHALL BE REQUIRED TO CONFINE THE WORK ACTIVITY BETWEEN 7:00 AM-7:00 PM MONDAY THROUGH FRIDAY, 9:00 AM-5:00 PM SATURDAYS. WORK ON SATURDAYS SHALL BE COORDINATED AND APPROVED IN WRITING BY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE. NO WORK WILL BE PERMITTED ON SUNDAY OR VILLAGE OBSERVED HOLIDAYS WITHOUT THE ENGINEER'S WRITTEN APPROVAL. WORK ACTIVITY, AS INTENDED HEREIN, INCLUDES WARMING/STARTING UP/IDLING OF ANY MACHINERY OR ENGINES.
- PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 8-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES COMMERCIAL DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 10 FEET OR AS DETERMINED BY THE ENGINEER. ALL CONTRACTION JOINTS SHALL BE TOOLED. SAWCUTTING OF CONTRACTION JOINTS SHALL NOT BE ALLOWED.
- THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
- DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF AN ADA-COMPLIANT CAST-IN-PLACE COMPOSITE 24"x48" MINIMUM NOMINAL SIZE PANEL AS MANUFACTURED BY ARMOR-TILE, ADA SOLUTIONS, INC., OR TUFTILE. THE DOMES LOCATED ON THE PANEL SHALL PARALLEL THE PAVEMENT CROSS WALK WITH THE CLOSEST EDGE LOCATED AT THE BACK OF CURB. THE CONTRASTING PANEL COLOR SHALL BE SELECTED BY THE VILLAGE. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

- TRENCH BACKFILL FOR THIS PROJECT SHALL CONSIST OF CRUSHED CA-7 AND SHALL BE COMPACTED BY METHOD 1 ONLY.
- STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.
- ALL STORM SEWER SHALL BE REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE.
- ALL REQUIRED CONSTRUCTION STAKING (BENCHMARK ESTABLISHMENT, ROW, SIDEWALK, UTILITY LOCATION AND ELEVATIONS) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DIMENSIONS AND ELEVATIONS MEASURED FROM CONTRACTOR'S STAKES. THE CONTRACTOR SHALL EXERCISE PROPER CARE IN THE PRESERVATION OF STAKES SET UNTIL THE ENGINEER'S APPROVAL FOR STAKE REMOVAL IS OBTAINED.
- ALL TREE PROTECTION, TREE REMOVAL, TREE PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE WORK OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DETERMINED BY THE ENGINEER.
- TREE REMOVAL NOTICES WILL BE POSTED BY THE VILLAGE ON THE TREES TO BE REMOVED. TREE REMOVAL WORK WILL BE ALLOWED 10 DAYS AFTER POSTING OF THE TREE REMOVAL NOTICE.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.

MAINTENANCE OF TRAFFIC NOTES

- EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED AT ALL TIMES. ANY SIGNIFICANT CHANGE IN TRAFFIC CONTROL SHALL HAVE PRIOR APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE (3) DAYS NOTICE IN ADVANCE OF CONSTRUCTION ACTIVITIES WHICH IMPACT EMERGENCY SERVICES.
- ALL LANES SHALL BE OPEN TO TRAFFIC AT THE END OF EACH DAY, MAINTAINING A MINIMUM 11' WIDTH PER LANE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO DRIVEWAYS AND SIDE ROADS DURING CONSTRUCTION, UTILIZING PAY ITEM TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
- ALL COMMERCIAL PROPERTIES SHALL BE PROVIDED AT LEAST ONE INGRESS AND ONE EGRESS AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE DRIVEWAY CLOSURES/MODIFICATIONS WITH THE LOCAL BUSINESSES AND THE ENGINEER. COMMERCIAL DRIVEWAYS WHICH CANNOT BE CLOSED, AS DETERMINED BY THE ENGINEER, SHALL BE CONSTRUCTED IN STAGES OR WILL BE CONSTRUCTED WHEN BUSINESSES ARE NOT OPEN.
- CONSTRUCTION VEHICLES AND/OR EQUIPMENT SHALL NOT BE PARKED OVERNIGHT WITHIN VILLAGE RIGHT-OF-WAY IN FRONT OF COMMERCIAL BUSINESS PROPERTIES. THE ENGINEER WILL ASSIST THE CONTRACTOR IN IDENTIFYING CONSTRUCTION STAGING LOCATIONS AT THE START OF CONSTRUCTION.

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	DATE - 7-25-18	FILE - 160009-23_sht_Gen-notes.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND MAINTENANCE OF TRAFFIC NOTES		O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		0042	13-00185-00-BT	COOK	61	3
SCALE: NONE		STA.	TO STA.		CONTRACT NO. 61F06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				PEDESTRIAN
				0028
				ITEP
				80/20
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	196	196
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	63	63
20101000	TEMPORARY FENCE	FOOT	500	500
20101100	TREE TRUNK PROTECTION	EACH	53	53
* 20101200	TREE ROOT PRUNING	EACH	53	53
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	52	52
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1
20200100	EARTH EXCAVATION	CU YD	1,247	1,247
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,336	1,336
20800150	TRENCH BACKFILL	CU YD	50	50
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	822	822
21400100	GRADING AND SHAPING DITCHES	FOOT	437	437
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	93	93
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	93	93
* 25200100	SODDING	SQ YD	7,394	7,394

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				PEDESTRIAN
				0028
				ITEP
				80/20
25200200	SUPPLEMENTAL WATERING	UNIT	56	56
28000305	TEMPORARY DITCH CHECKS	FOOT	40	40
28000400	PERIMETER EROSION BARRIER	FOOT	1,927	1,927
28000510	INLET FILTERS	EACH	41	41
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	150	150
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	6,339	6,339
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	90	90
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	16	16
42001300	PROTECTIVE COAT	SQ YD	6,410	6,410
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	493	493
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	48,723	48,723
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	3,846	3,846
42400800	DETECTABLE WARNINGS	SQ FT	482	482
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	778	778
44000300	CURB REMOVAL	FOOT	97	97

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 04172018 EXPIRES 04/30/2025
 11/17/2018



DESIGNED - JBT	REVISED -
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DATE - 7-25-18	FILE - 160009-23.sht_S00.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	4
CONTRACT NO.			61F06	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION	
				PEDESTRIAN	0028
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	56	56	
44000600	SIDEWALK REMOVAL	SQ FT	22,172	22,172	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	939	939	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	103	103	
54213447	END SECTIONS 12"	EACH	2	2	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	93	93	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	44	44	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	10	10	
55100500	STORM SEWER REMOVAL 12"	FOOT	18	18	
55100700	STORM SEWER REMOVAL 15"	FOOT	25	25	
55101200	STORM SEWER REMOVAL 24"	FOOT	18	18	
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1	
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	8	8	
* 56400510	FIRE HYDRANTS TO BE REMOVED AND REPLACED	EACH	2	2	

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION	
				PEDESTRIAN	0028
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1	
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2	2	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	5	5	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	
60260100	INLETS TO BE ADJUSTED	EACH	1	1	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	14	14	
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1	1	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5	
60500040	REMOVING MANHOLES	EACH	1	1	
60500060	REMOVING INLETS	EACH	1	1	
60600605	CONCRETE CURB, TYPE B	FOOT	66	66	

* INDICATES SPECIALTY ITEM

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BAXTER & WOODMAN Consulting Engineers	DESIGNED - JBT	REVISED -
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	CHECKED - TLH	REVISED -
	DATE - 7-25-18	FILE - 160009-23_sht_500.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

D.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	5
CONTRACT NO. 61F06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				PEDESTRIAN
				0028
				ITEP
				80/20
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	246	246
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,670	1,670
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	45	45
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
66901005	ENGINEERED BARRIER	SQ YD	85	85
67100100	MOBILIZATION	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	89	89
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				PEDESTRIAN
				0028
				ITEP
				80/20
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	360	360
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,075	1,075
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	425	425
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,360	1,360
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	233	233
* A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* A2005420	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* A2005920	TREE, PLATANUS X ACERIFOLIA BLOODGOOD (BLOODGOOD LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* A2008020	TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 4/30/2018
 PROJECT: C:\projects\Crystal Lake\160009\160009.dwg
 SHEET: 500.dgn
 DATE: 7-25-18
 FILE: 160009-23_sht_500.dgn



DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_500.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	6
CONTRACT NO. 61F06			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				PEDESTRIAN
				0028
				ITEP
				80/20
* A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2
* K0026610	TRANSPLANTED SALVAGED TREES	EACH	5	5
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	359	359
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	220	220
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,216	1,216
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	3	3
X8140115	HANDHOLE TO BE ADJUSTED	EACH	2	2
* XX006668	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	2	2

* INDICATES SPECIALTY ITEM

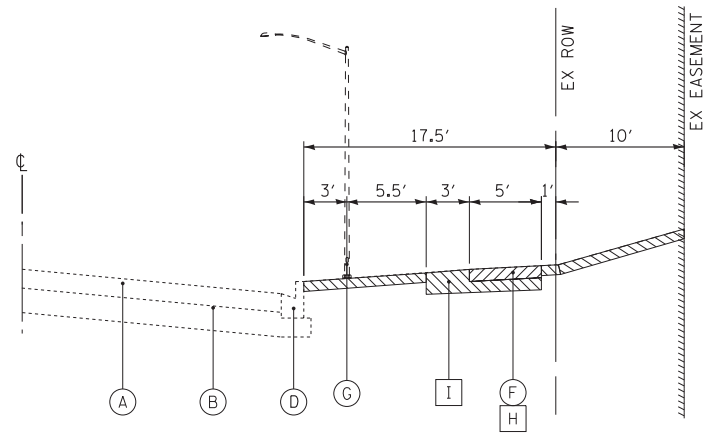
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 IN\CADD\Drawings\Sheets\160009-23_sht_500.dgn

BAXTER WOODMAN <small>Surveying Engineers</small>	DESIGNED - JBT	REVISED -
	DRAWN - MAC	REVISED -
	CHECKED - TLH	REVISED -
	DATE - 7-25-18	FILE - 160009-23_sht_500.dgn

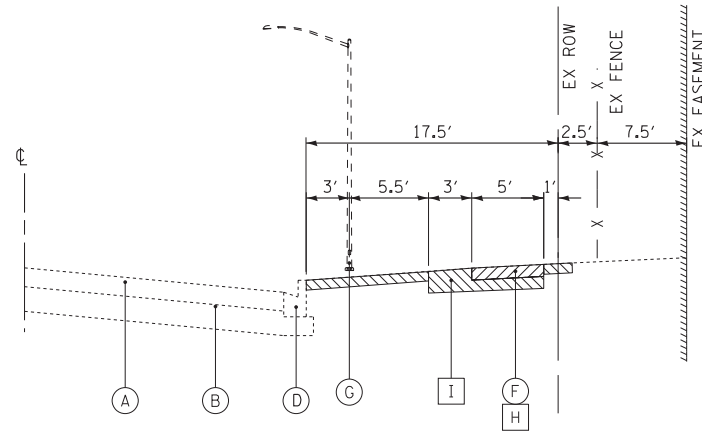
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: NONE	STA. TO STA.

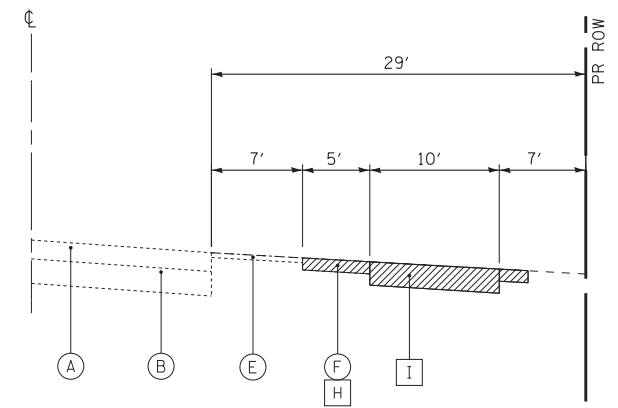
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



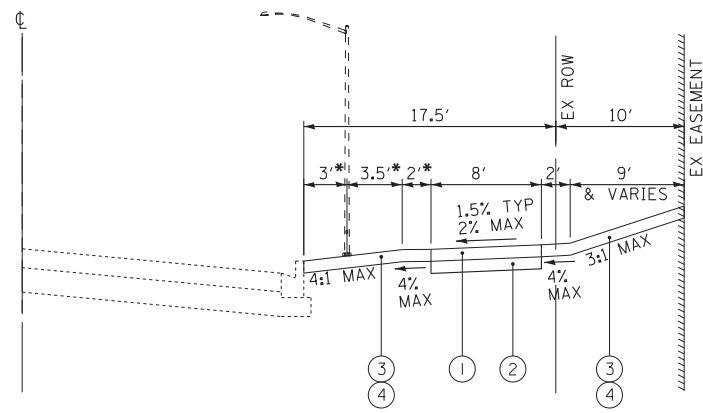
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STA 200+12 TO STA 227+00, SHERMER ROAD



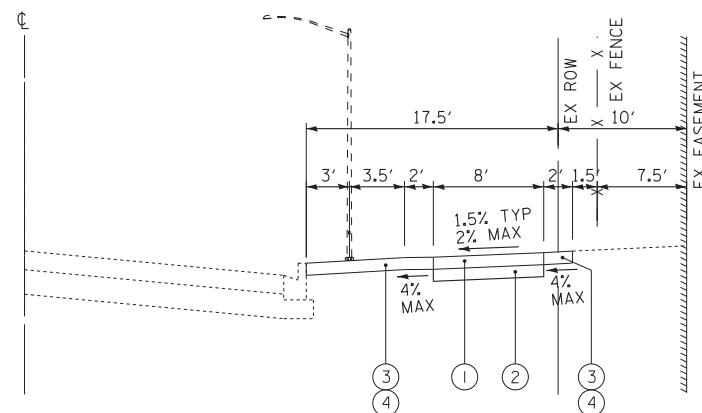
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STA 227+00 TO STA 233+35, SHERMER ROAD



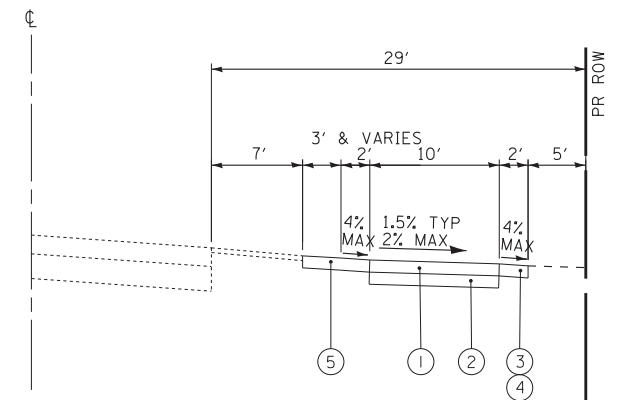
EXISTING TYPICAL SECTION
STA 233+35 TO STA 236+94, SHERMER ROAD



PROPOSED TYPICAL SECTION
STA 200+12 TO STA 227+00, SHERMER ROAD



PROPOSED TYPICAL SECTION
STA 227+00 TO STA 233+35, SHERMER ROAD



PROPOSED TYPICAL SECTION
STA 233+35 TO STA 236+94, SHERMER ROAD

* FROM STA 200+12 TO STA 203+08 MAINTAIN
A MINIMUM OF 4.5' BETWEEN THE BACK OF
CURB AND PCC SIDEWALK

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE BASE COURSE
- (C) SUB-GRADE
- (D) COMBINATION CONCRETE CURB AND GUTTER, B-6.12
- (D1) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (E) AGGREGATE SHOULDER
- (F) SIDEWALK
- (G) STREET LIGHTING
- (H) SIDEWALK REMOVAL
- (I) EARTH EXCAVATION
- [Hatched Box] ITEM TO BE REMOVED
- [Diagonal Lines Box] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) PCC SIDEWALK, 5" (THICKEN TO 8" THRU COMMERCIAL DRIVEWAYS)
- (2) AGGREGATE BASE COURSE, TYPE B 4"
- (3) TOPSOIL EXCAVATION AND PLACEMENT, 4" (MIN)
- (4) SODDING
- (5) AGGREGATE SHOULDERS, TYPE B 6"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
INCIDENTAL HOT-MIX ASPHALT SURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) - 2 1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT SHOULDERS	
HOT MIX-ASPHALT SHOULDER 6" (HMA BINDER IL-19.0)	4% @ 50 Gyr.

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

NOTE:

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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BAXTER & WOODMAN Consulting Engineers	DESIGNED - JBT	REVISED -
	DRAWN - MAC	REVISED -
	CHECKED - TLH	REVISED -
	DATE - 7-25-18	FILE - 160009-23_sht_Typ_Sec.dgn

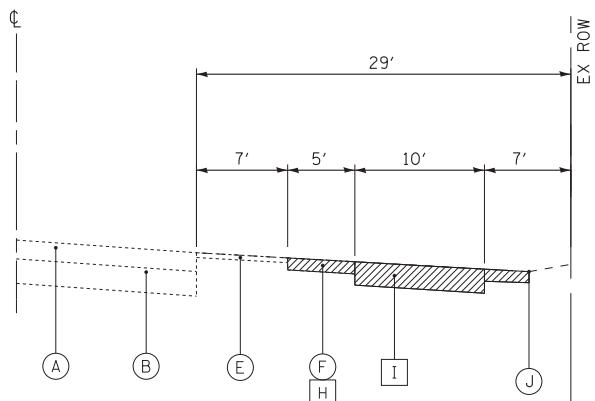
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

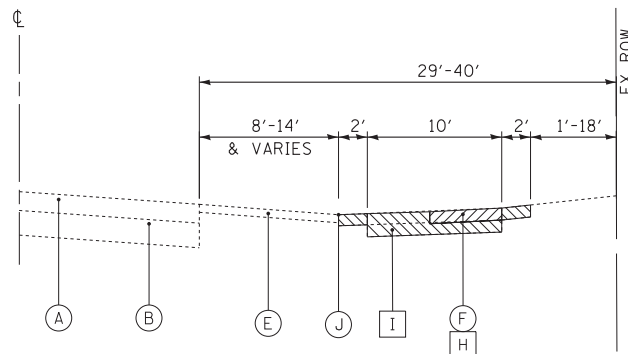
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STA. TO STA.

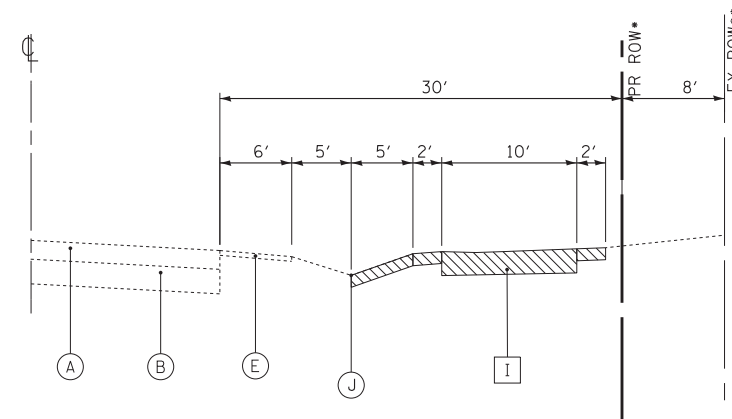
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



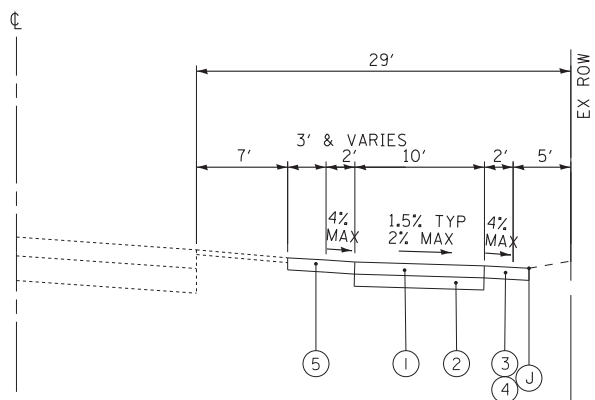
EXISTING TYPICAL SECTION
STA 236+94 TO STA 238+50, SHERMER ROAD



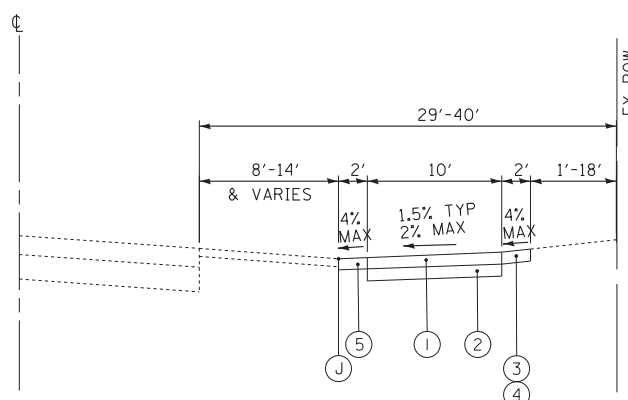
EXISTING TYPICAL SECTION
STA 238+50 TO STA 242+91, SHERMER ROAD



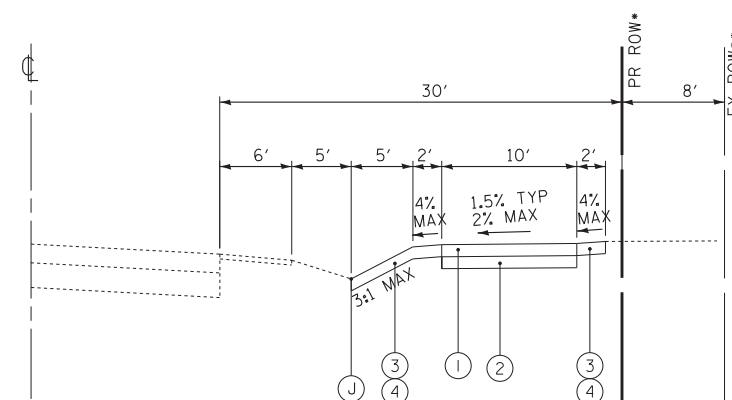
EXISTING TYPICAL SECTION
STA 242+91 TO STA 246+13, SHERMER ROAD



PROPOSED TYPICAL SECTION
STA 236+94 TO STA 238+50, SHERMER ROAD



PROPOSED TYPICAL SECTION
STA 238+50 TO STA 242+91, SHERMER ROAD



PROPOSED TYPICAL SECTION
STA 242+91 TO STA 246+13, SHERMER ROAD

* STA 245+53 TO STA 246+13
** STA 242+91 TO STA 245+53

* STA 245+53 TO STA 246+13
** STA 242+91 TO STA 245+53

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE BASE COURSE
- (C) SUB-GRADE
- (D) COMBINATION CONCRETE CURB AND GUTTER, B-6.12
- (D1) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (E) AGGREGATE SHOULDER
- (F) SIDEWALK
- (G) STREET LIGHTING
- (H) SIDEWALK REMOVAL
- (I) EARTH EXCAVATION
- (J) SWALE
- [Hatched Box] ITEM TO BE REMOVED
- [Diagonal Lines Box] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) PCC SIDEWALK, 5" (THICKEN TO 8" THRU COMMERCIAL DRIVEWAYS)
- (2) AGGREGATE BASE COURSE, TYPE B 4"
- (3) TOPSOIL EXCAVATION AND PLACEMENT, 4" (MIN)
- (4) SODDING
- (5) AGGREGATE SHOULDERS, TYPE B 6"

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00123 - EXPIRES 4/30/2019
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_Typ_Sec.dgn

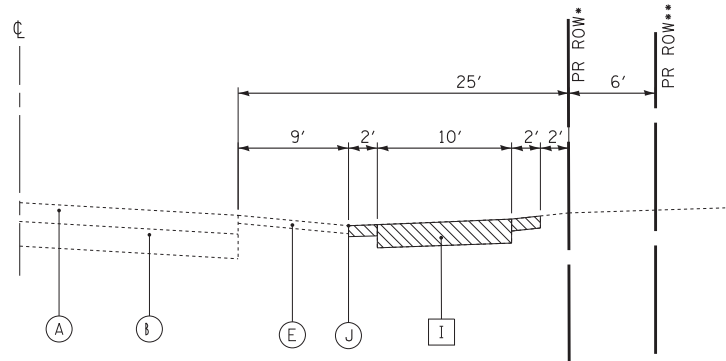
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

SCALE: NONE

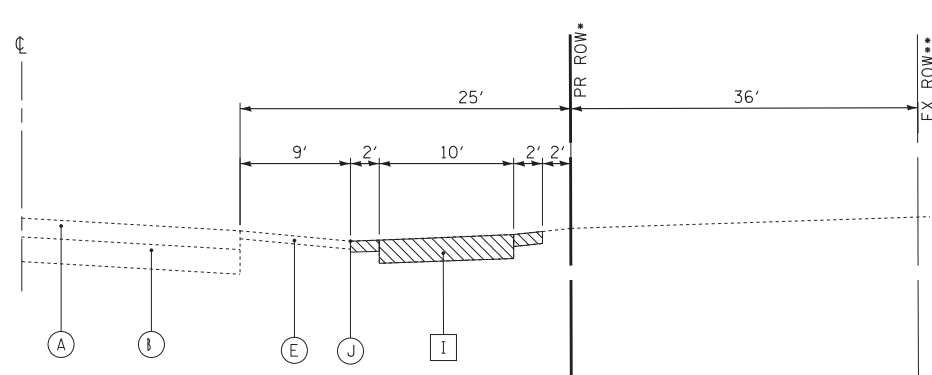
STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



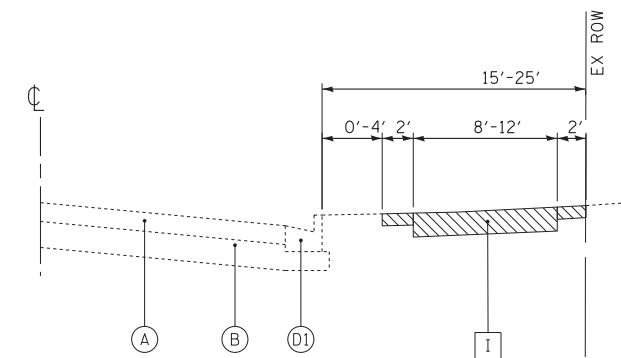
** STA 246+13 TO STA 246+86
* STA 246+86 TO STA 248+04

EXISTING TYPICAL SECTION
STA 246+13 TO STA 248+04, SHERMER ROAD



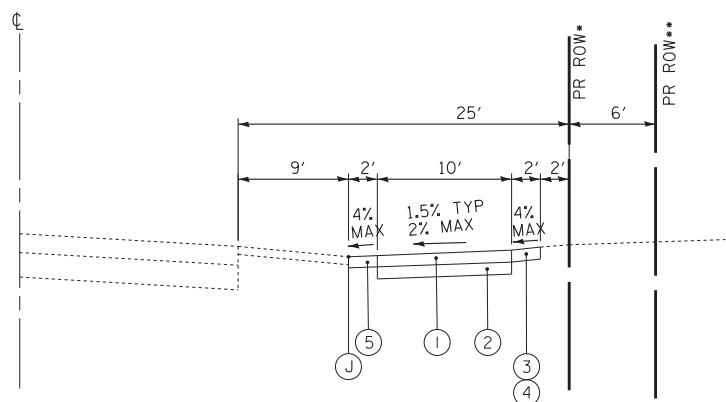
* STA 248+04 TO STA 249+50
** STA 249+50 TO STA 250+33

EXISTING TYPICAL SECTION
STA 248+04 TO STA 250+33, SHERMER ROAD



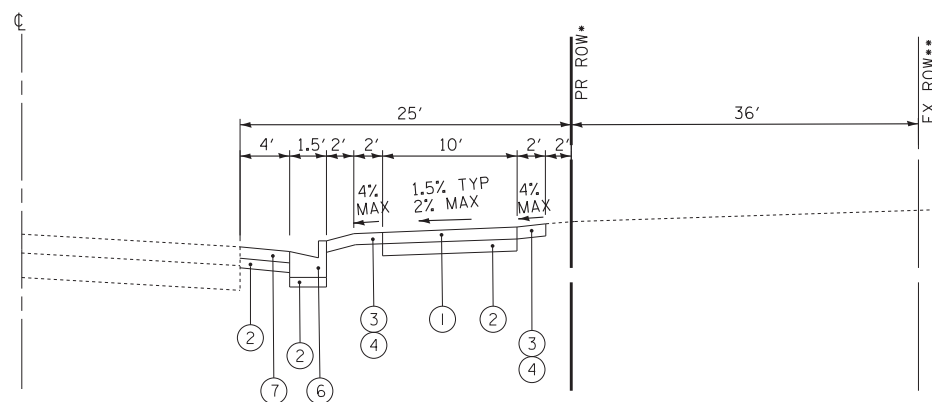
* AND VARIES

EXISTING TYPICAL SECTION
STA 250+33 TO STA 259+65, SHERMER ROAD



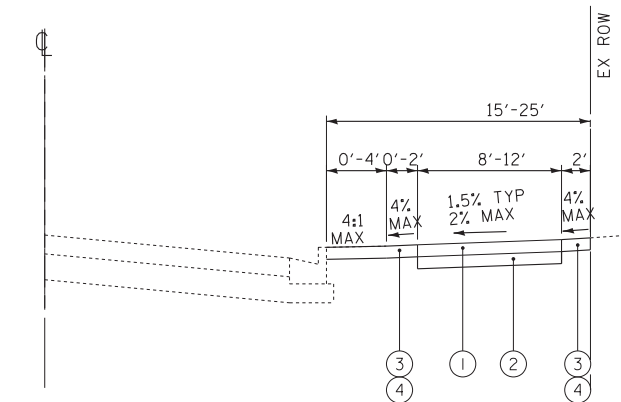
** STA 246+13 TO STA 246+86
* STA 246+86 TO STA 248+04

PROPOSED TYPICAL SECTION
STA 246+13 TO STA 248+04, SHERMER ROAD



* STA 248+04 TO STA 249+50
** STA 249+50 TO STA 250+33

PROPOSED TYPICAL SECTION
STA 248+04 TO STA 250+33, SHERMER ROAD



* AND VARIES

PROPOSED TYPICAL SECTION
STA 250+33 TO STA 259+65, SHERMER ROAD

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE BASE COURSE
- (C) SUB-GRADE
- (D) COMBINATION CONCRETE CURB AND GUTTER, B-6.12
- (D1) COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- (E) AGGREGATE SHOULDER
- (F) SIDEWALK
- (G) STREET LIGHTING
- (H) SIDEWALK REMOVAL
- (I) EARTH EXCAVATION
- (J) SWALE
- [Hatched] ITEM TO BE REMOVED
- [Diagonal Lines] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) PCC SIDEWALK, 5" (THICKEN TO 8" THRU COMMERCIAL DRIVEWAYS)
- (2) AGGREGATE BASE COURSE, TYPE B 4"
- (3) TOPSOIL EXCAVATION AND PLACEMENT, 4" (MIN)
- (4) SODDING
- (5) AGGREGATE SHOULDERS, TYPE B 6"
- (6) COMBINATION CURB AND GUTTER, TYPE B-6.12
- (7) HOT-MIX ASPHALT SHOULDERS, 8"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

SCALE: NONE

STA. TO STA.

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_Typ_Sec.dgn

SCHEDULE OF QUANTITIES

EARTHWORK										
LOCATION	UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
SHERMER M.U.P.	150	1,186	822	364	514	1,247	1,247	1,060	152	908
	150	1,186	822	364	514	1,247	1,247	1,060	152	908

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_Sched.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE

STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	12
CONTRACT NO.			61F06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Curve Data				
Curve SHERMUP-1				
P.I. Station	203+03 N	1,976,072.25 E	1,120,430.44	
Delta	=	54° 11' 34" (RT)		
Degree	=	20° 19' 04"		
Tangent	=	144.28		
Length	=	286.73		
Radius	=	282.00		
External	=	34.77		
Long Chord	=	256.90		
Mid. Ord.	=	30.95		
P.C. Station	201+58 N	1,975,987.44 E	1,120,547.17	
P.T. Station	204+25 N	1,976,216.54 E	1,120,430.93	
C.C.		1,976,215.58 E	1,120,712.93	
Back	=	N 53° 59' 57" W		
Ahead	=	N 0° 11' 37" E		
Chord Bear	=	N 26° 54' 10" W		

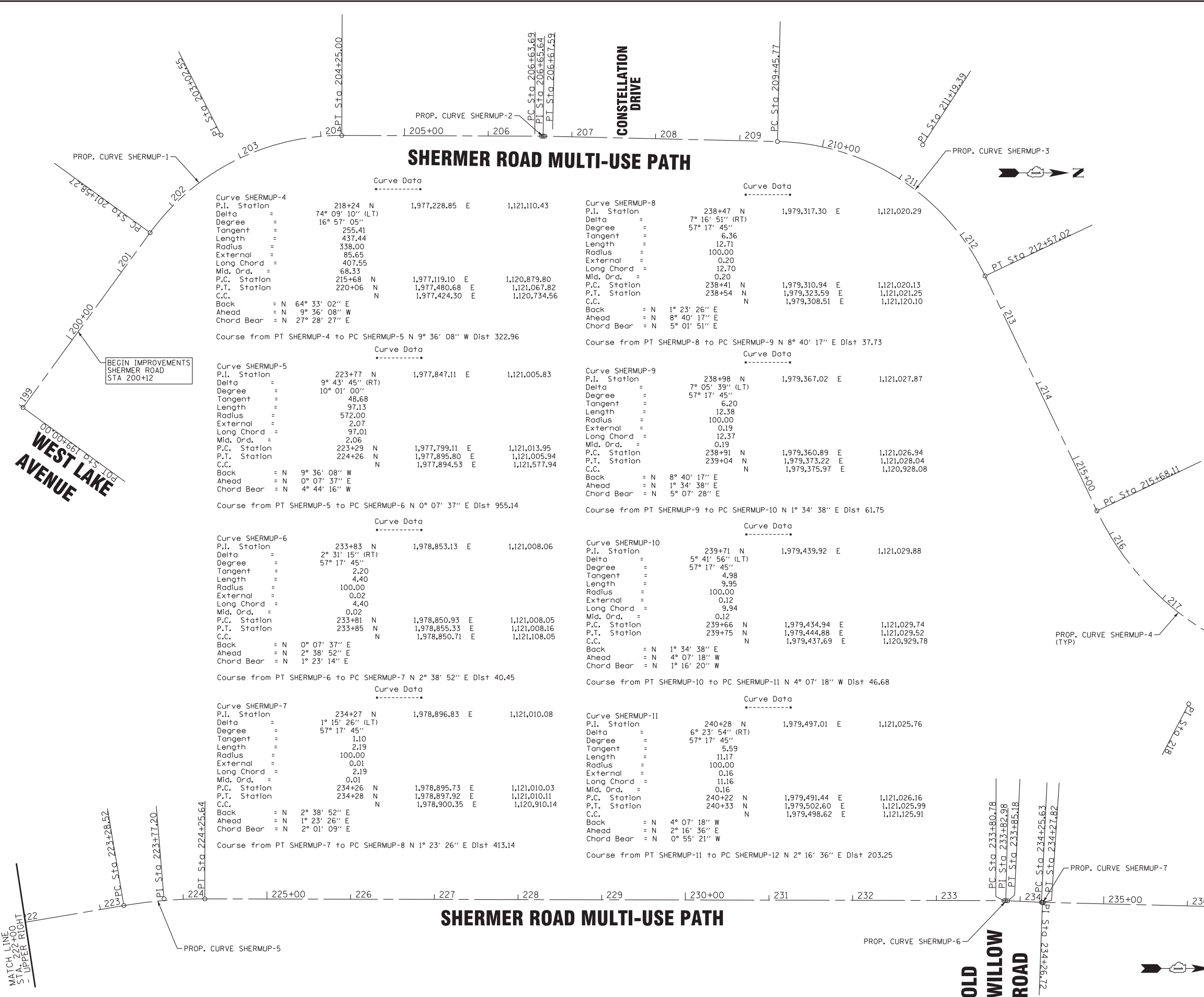
Course from PT SHERMUP-1 to PC SHERMUP-2 N 0° 11' 37" E Dist 238.69

Curve Data				
Curve SHERMUP-2				
P.I. Station	206+66 N	1,976,457.18 E	1,120,431.74	
Delta	=	1° 07' 03" (RT)		
Degree	=	28° 38' 52"		
Tangent	=	1.95		
Length	=	3.90		
Radius	=	200.00		
External	=	0.01		
Long Chord	=	3.90		
Mid. Ord.	=	0.01		
P.C. Station	206+64 N	1,976,455.23 E	1,120,431.74	
P.T. Station	206+68 N	1,976,459.13 E	1,120,431.79	
C.C.		1,976,454.55 E	1,120,631.74	
Back	=	N 0° 11' 37" E		
Ahead	=	N 1° 18' 40" E		
Chord Bear	=	N 26° 45' 08" E		

Course from PT SHERMUP-2 to PC SHERMUP-3 N 1° 18' 40" E Dist 278.18

Curve Data				
Curve SHERMUP-3				
P.I. Station	211+19 N	1,976,910.81 E	1,120,442.12	
Delta	=	63° 14' 23" (RT)		
Degree	=	20° 19' 04"		
Tangent	=	173.62		
Length	=	311.25		
Radius	=	282.00		
External	=	49.16		
Long Chord	=	295.69		
Mid. Ord.	=	41.86		
P.C. Station	209+46 N	1,976,737.23 E	1,120,438.15	
P.T. Station	212+57 N	1,976,985.42 E	1,120,598.90	
C.C.		1,976,730.78 E	1,120,720.08	
Back	=	N 1° 18' 40" E		
Ahead	=	N 64° 33' 02" E		
Chord Bear	=	N 32° 55' 51" E		

Course from PT SHERMUP-3 to PC SHERMUP-4 N 64° 33' 02" E Dist 311.09



BAXTER & WOODMAN
Consulting Engineers

DESIGNED	- JBT	REVISED	-
DRAWN	- MAC	REVISED	-
CHECKED	- TLH	REVISED	-
DATE	- 7-25-18	FILE	- 160009-23_sht_Align&Ties.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

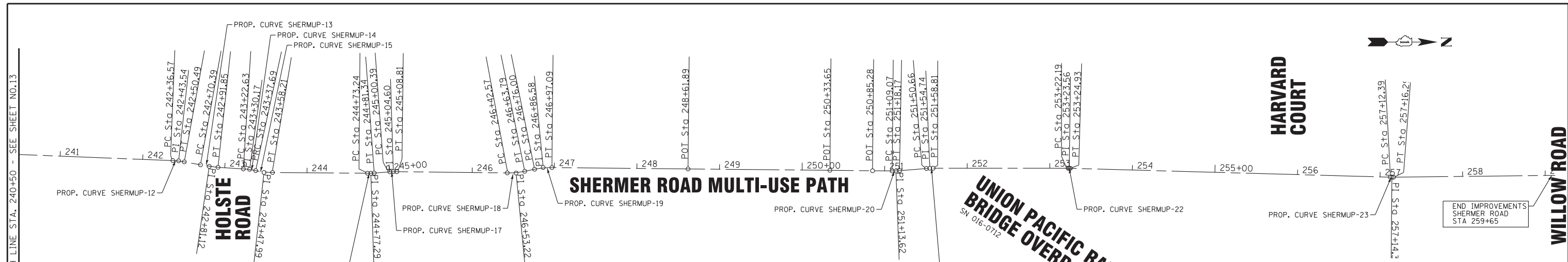
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 60'

STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	13
CONTRACT NO. 61F06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-00121 - EXPIRES 4/30/2019
11/6/2018
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...:\p\tdrv\160009-23_Shermer_MUP.tbl
i:\CrystalLake\VL\160009\160009\23_Shermer
Ph I:\CADD\Drawings\Sheets\160009-23_sht_Align&Ties.dgn



Curve Data	Curve Data	Curve Data	Curve Data
Curve SHERMUP-12 P.I. Station = 242+44 N Delta = 7° 58' 22" (RT) Degree = 57° 17' 45" Tangent = 6.97 Length = 13.92 Radius = 100.00 External = 0.24 Long Chord = 13.90 Mid. Ord. = 0.24 P.C. Station = 242+37 N P.T. Station = 242+50 N C.C. = N Back = N 2° 16' 36" E Ahead = N 10° 14' 58" E Chord Bear = N 6° 15' 47" E	Curve SHERMUP-16 P.I. Station = 244+77 N Delta = 4° 38' 18" (LT) Degree = 57° 17' 45" Tangent = 4.05 Length = 8.10 Radius = 100.00 External = 0.08 Long Chord = 8.09 Mid. Ord. = 0.08 P.C. Station = 244+73 N P.T. Station = 244+81 N C.C. = N Back = N 0° 27' 45" E Ahead = N 4° 10' 33" W Chord Bear = N 1° 51' 24" W	Curve SHERMUP-19 P.I. Station = 246+87 N Delta = 12° 04' 53" (RT) Degree = 57° 17' 45" Tangent = 10.58 Length = 21.09 Radius = 100.00 External = 0.56 Long Chord = 21.05 Mid. Ord. = 0.56 P.C. Station = 246+76 N P.T. Station = 246+97 N C.C. = N Back = N 11° 30' 56" W Ahead = N 0° 33' 57" E Chord Bear = N 5° 28' 29" W	Curve SHERMUP-21 P.I. Station = 251+55 N Delta = 4° 40' 04" (RT) Degree = 57° 17' 45" Tangent = 4.08 Length = 8.15 Radius = 100.00 External = 0.08 Long Chord = 8.14 Mid. Ord. = 0.08 P.C. Station = 251+51 N P.T. Station = 251+59 N C.C. = N Back = N 4° 39' 02" W Ahead = N 0° 01' 02" E Chord Bear = N 2° 19' 00" W

Course from PT SHERMUP-12 to PC SHERMUP-13 N 10° 14' 58" E Dist 19.90	Course from PT SHERMUP-16 to PC SHERMUP-17 N 4° 10' 33" W Dist 19.06	Course from PT SHERMUP-19 to SHER2 N 0° 33' 57" E Dist 164.80	Course from PT SHERMUP-21 to PC SHERMUP-22 N 0° 01' 02" E Dist 163.38
Curve Data P.I. Station = 242+81 N Delta = 4° 05' 05" (LT) Degree = 19° 02' 07" Tangent = 10.73 Length = 21.46 Radius = 301.00 External = 0.19 Long Chord = 21.45 Mid. Ord. = 0.19 P.C. Station = 242+70 N P.T. Station = 242+92 N C.C. = N Back = N 10° 14' 58" E Ahead = N 6° 09' 53" E Chord Bear = N 8° 12' 26" E	Curve Data P.I. Station = 245+05 N Delta = 4° 49' 09" (RT) Degree = 57° 17' 45" Tangent = 4.21 Length = 8.41 Radius = 100.00 External = 0.09 Long Chord = 8.41 Mid. Ord. = 0.09 P.C. Station = 245+00 N P.T. Station = 245+09 N C.C. = N Back = N 4° 10' 33" W Ahead = N 0° 38' 36" E Chord Bear = N 1° 45' 58" W	Curve Data P.I. Station = 251+14 N Delta = 5° 12' 59" (LT) Degree = 57° 17' 45" Tangent = 4.56 Length = 9.10 Radius = 100.00 External = 0.10 Long Chord = 9.10 Mid. Ord. = 0.10 P.C. Station = 251+09 N P.T. Station = 251+18 N C.C. = N Back = N 0° 33' 57" E Ahead = N 4° 39' 02" W Chord Bear = N 2° 02' 33" W	Curve Data P.I. Station = 253+24 N Delta = 1° 34' 20" (RT) Degree = 57° 17' 45" Tangent = 1.37 Length = 2.74 Radius = 100.00 External = 0.01 Long Chord = 2.74 Mid. Ord. = 0.01 P.C. Station = 253+22 N P.T. Station = 253+25 N C.C. = N Back = N 0° 01' 02" E Ahead = N 1° 35' 22" E Chord Bear = N 0° 48' 12" E

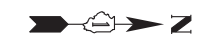
Course from PT SHERMUP-13 to PC SHERMUP-14 N 3° 35' 57" E Dist 30.79	Course from PT SHERMUP-17 to PC SHERMUP-18 N 0° 38' 36" E Dist 133.76	Course from PT SHERMUP-20 to PC SHERMUP-21 N 4° 39' 02" W Dist 32.49	Course from PT SHERMUP-22 to PC SHERMUP-23 N 1° 35' 22" E Dist 387.46
Curve Data P.I. Station = 243+30 N Delta = 8° 37' 28" (RT) Degree = 57° 17' 45" Tangent = 7.54 Length = 15.05 Radius = 100.00 External = 0.28 Long Chord = 15.04 Mid. Ord. = 0.28 P.C. Station = 243+23 N P.T. Station = 243+38 N C.C. = N Back = N 3° 35' 57" E Ahead = N 12° 13' 25" E Chord Bear = N 7° 54' 41" E	Curve Data P.I. Station = 246+53 N Delta = 12° 09' 32" (LT) Degree = 57° 17' 45" Tangent = 10.65 Length = 21.22 Radius = 100.00 External = 0.57 Long Chord = 21.18 Mid. Ord. = 0.56 P.C. Station = 246+43 N P.T. Station = 246+64 N C.C. = N Back = N 0° 38' 36" E Ahead = N 11° 30' 56" W Chord Bear = N 5° 26' 10" W	Curve Data P.I. Station = 251+09 N Delta = 5° 12' 59" (LT) Degree = 57° 17' 45" Tangent = 4.56 Length = 9.10 Radius = 100.00 External = 0.10 Long Chord = 9.10 Mid. Ord. = 0.10 P.C. Station = 251+09 N P.T. Station = 251+18 N C.C. = N Back = N 0° 33' 57" E Ahead = N 4° 39' 02" W Chord Bear = N 2° 02' 33" W	Curve Data P.I. Station = 257+14 N Delta = 2° 14' 02" (LT) Degree = 57° 17' 45" Tangent = 1.95 Length = 3.90 Radius = 100.00 External = 0.02 Long Chord = 3.90 Mid. Ord. = 0.02 P.C. Station = 257+12 N P.T. Station = 257+16 N C.C. = N Back = N 1° 35' 22" E Ahead = N 0° 38' 40" W Chord Bear = N 0° 28' 21" E

Course from PT SHERMUP-15 to PC SHERMUP-16 N 0° 27' 45" E Dist 115.03	Course from PT SHERMUP-18 to PC SHERMUP-19 N 11° 30' 56" W Dist 12.21	Course from PT SHERMUP-23 to SHER5 N 0° 38' 40" W Dist 388.19	Point SHER5 N 1,981,571.67 E 1,121,049.80 Sta 261+04
Curve Data P.I. Station = 243+48 N Delta = 11° 45' 40" (LT) Degree = 57° 17' 45" Tangent = 10.30 Length = 20.53 Radius = 100.00 External = 0.53 Long Chord = 20.49 Mid. Ord. = 0.53 P.C. Station = 243+38 N P.T. Station = 243+58 N C.C. = N Back = N 12° 13' 25" E Ahead = N 0° 27' 45" E Chord Bear = N 6° 20' 35" E	Curve Data P.I. Station = 246+43 N Delta = 12° 09' 32" (LT) Degree = 57° 17' 45" Tangent = 10.65 Length = 21.22 Radius = 100.00 External = 0.57 Long Chord = 21.18 Mid. Ord. = 0.56 P.C. Station = 246+43 N P.T. Station = 246+64 N C.C. = N Back = N 0° 38' 36" E Ahead = N 11° 30' 56" W Chord Bear = N 5° 26' 10" W	Curve Data P.I. Station = 257+14 N Delta = 2° 14' 02" (LT) Degree = 57° 17' 45" Tangent = 1.95 Length = 3.90 Radius = 100.00 External = 0.02 Long Chord = 3.90 Mid. Ord. = 0.02 P.C. Station = 257+12 N P.T. Station = 257+16 N C.C. = N Back = N 1° 35' 22" E Ahead = N 0° 38' 40" W Chord Bear = N 0° 28' 21" E	Ending chain SHERMUP description

MATCH LINE STA. 240+50 - SEE SHEET NO.13
 END IMPROVEMENTS SHERMER ROAD STA 259+65
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM LICENSE NO. 184-00121 - EXPIRES 4/30/2019
 BAXTER & WOODMAN Consulting Engineers
 DESIGNED - JBT
 DRAWN - MAC
 CHECKED - TLH
 DATE - 7-25-18
 REVISED -
 REVISED -
 REVISED -
 FILE - 160009-23_sht_Align&Ties.dgn
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT, TIES, AND BENCHMARKS
 SCALE: 1" = 60'
 STA. TO STA.
 O.R. RTE. 0042
 SECTION 13-00185-00-BT
 COUNTY COOK
 TOTAL SHEETS 61
 SHEET NO. 14
 CONTRACT NO. 61F06
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONSTELLATION
DRIVE

SHERMER ROAD MULTI-USE PATH



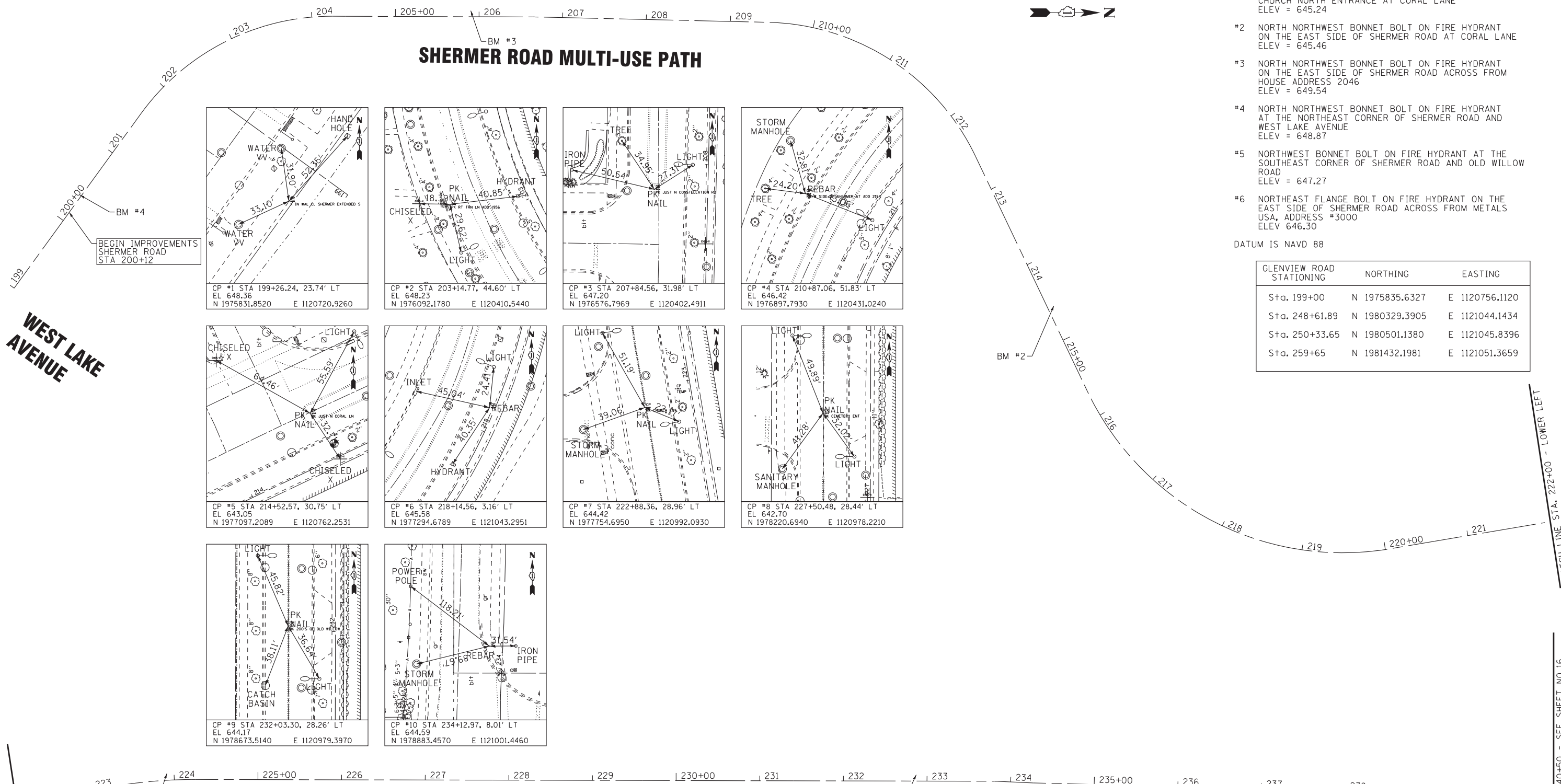
NOTE:
CONTRACTOR SHALL VERIFY ALL CONTROL AND BENCHMARKS
AND SHALL ESTABLISH ADDITIONAL CONTROL AND BENCHMARKS
PRIOR TO REMOVAL AND DEMOLITION ACTIVITIES.

BENCHMARKS

- #1 NORTH BONNET BOLT ON FIRE HYDRANT ON THE EAST SIDE OF SHERMER ROAD CHURCH NORTH ENTRANCE AT CORAL LANE ELEV = 645.24
- #2 NORTH NORTHWEST BONNET BOLT ON FIRE HYDRANT ON THE EAST SIDE OF SHERMER ROAD AT CORAL LANE ELEV = 645.46
- #3 NORTH NORTHWEST BONNET BOLT ON FIRE HYDRANT ON THE EAST SIDE OF SHERMER ROAD ACROSS FROM HOUSE ADDRESS 2046 ELEV = 649.54
- #4 NORTH NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF SHERMER ROAD AND WEST LAKE AVENUE ELEV = 648.87
- #5 NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF SHERMER ROAD AND OLD WILLOW ROAD ELEV = 647.27
- #6 NORTHEAST FLANGE BOLT ON FIRE HYDRANT ON THE EAST SIDE OF SHERMER ROAD ACROSS FROM METALS USA, ADDRESS #3000 ELEV 646.30

DATUM IS NAVD 88

GLENVIEW ROAD STATIONING	NORTHING	EASTING
Sta. 199+00	N 1975835.6327	E 1120756.1120
Sta. 248+61.89	N 1980329.3905	E 1121044.1434
Sta. 250+33.65	N 1980501.1380	E 1121045.8396
Sta. 259+65	N 1981432.1981	E 1121051.3659



SHERMER ROAD MULTI-USE PATH

**OLD
WILLOW
ROAD**



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 4/30/2019
 BAXTER & WOODMAN Consulting Engineers
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BAXTER & WOODMAN
Consulting Engineers

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_Align&Ties.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 60'

STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

MATCH LINE STA. 240+50 - SEE SHEET NO.16

MATCH LINE STA. 222+00 - LOWER LEFT

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_Align&Ties.dgn

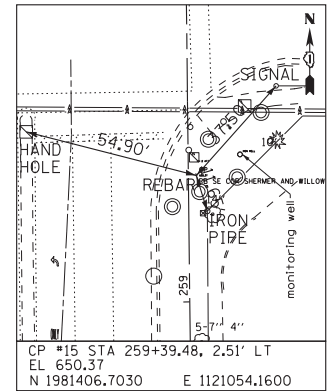
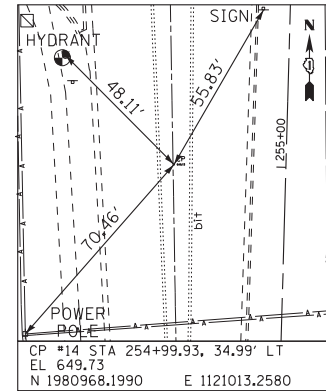
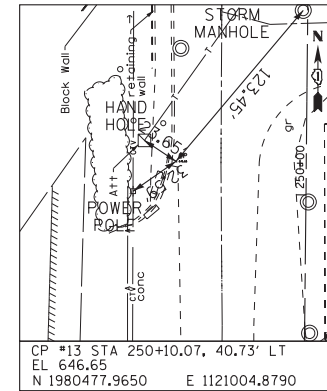
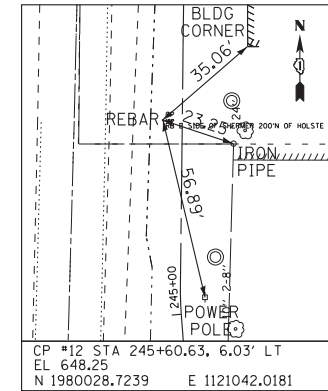
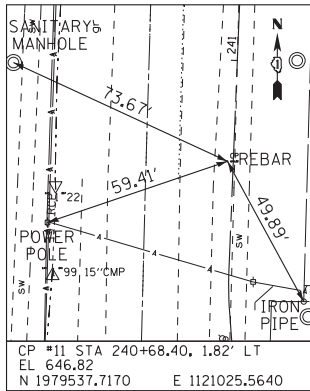
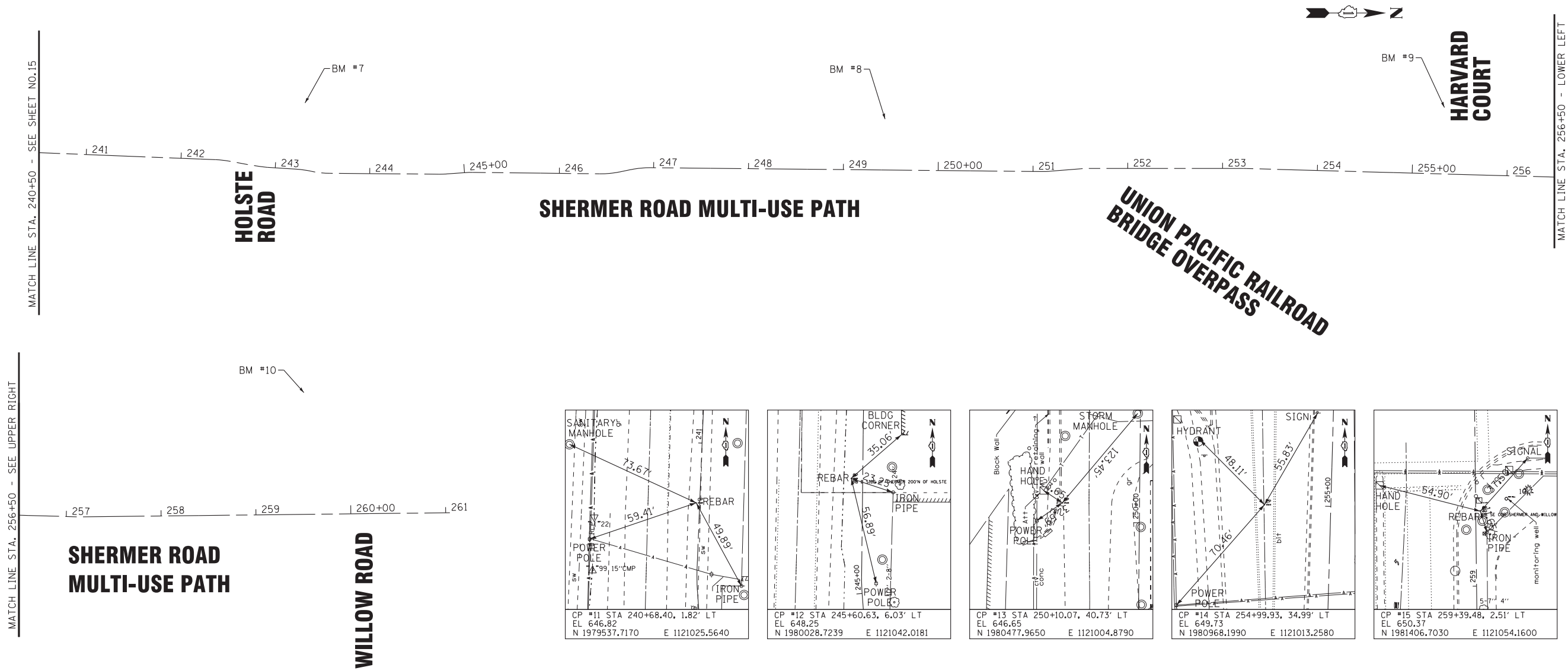
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 60'
 STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

- NOTE:
 CONTRACTOR SHALL VERIFY ALL CONTROL AND BENCHMARKS AND SHALL ESTABLISH ADDITIONAL CONTROL AND BENCHMARKS PRIOR TO REMOVAL AND DEMOLITION ACTIVITIES.
- BENCHMARKS**
- #7 NORTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT ON THE WEST SIDE OF SHERMER ROAD AT HOLSTE ROAD ELEV 650.02
 - #8 NORTHWEST FLANGE BOLT ON FIRE HYDRANT ON THE WEST SIDE OF SHERMER ROAD SOUTH OF THE RAILROAD BRIDGE AT THE NORTH ENTRANCE TO ADVANCED DISPOSAL ELEV 649.73
 - #9 SOUTHWEST FLANGE BOLT ON FIRE HYDRANT ON THE WEST SIDE OF SHERMER ROAD SOUTH OF HARVARD COURT ENTRANCE ELEV 651.22
 - #10 NORTHWEST BONNET BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF SHERMER ROAD AND WILLOW ROAD ELEV 654.55
- DATUM IS NAVD 88





D11-1
24" X 18"



M6-6
12" X 9"

WEST LAKE AVE

EXISTING CENTENNIAL
MULTI-USE PATH



D11-1
24" X 18"



M6-6
12" X 9"

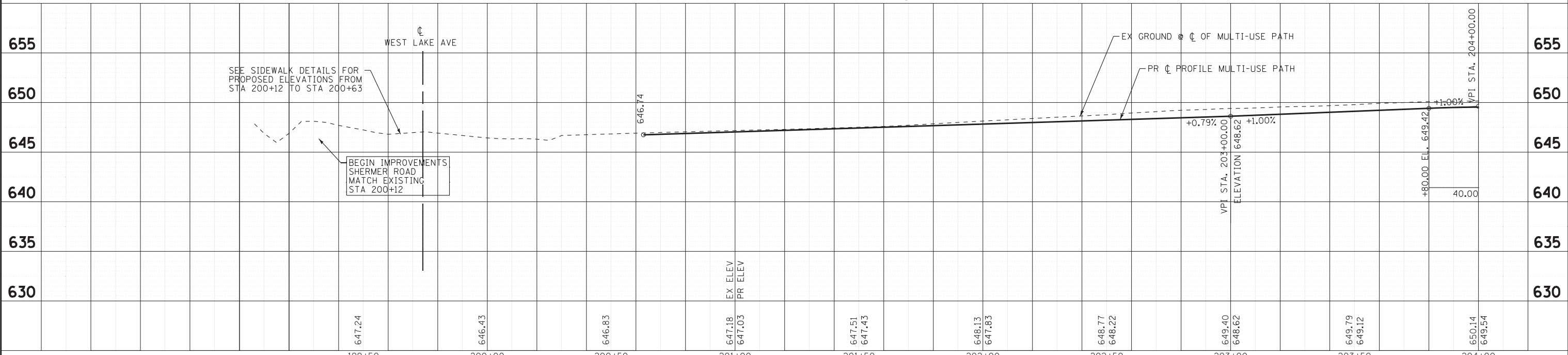
NOTES:

1. TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. PCC SIDEWALK SHALL BE THICKENED TO 8" AT LOCATIONS WHERE IT CROSSES COMMERCIAL ENTRANCES. THIS WORK SHALL BE INCLUDED IN PCC SIDEWALK, 8".

BEGIN IMPROVEMENTS
SHERMER ROAD
MATCH EXISTING
STA 200+12

EXISTING SIDEWALK
EXISTING DETECTABLE
WARNINGS (TYP)
EX ROW
EXISTING PED SIGNALS &
PUSH BUTTONS TO REMAIN
UTILITY SPLICE BOX TO BE RELOCATED (BY OTHERS)
DETECTABLE WARNINGS (TYP)
COMBINATION CONCRETE CURB AND
GUTTER REMOVAL AND REPLACEMENT
INCIDENTAL HMA SURFACING
EXISTING PED SIGNAL
PUSH BUTTON TO REMAIN
SIDEWALK REMOVAL
(TYP)
PROPOSED ϕ PCC MULTI-USE PATH
PROPOSED MULTI-USE PATH
PCC SIDEWALK, 5" (TYP)
AGGREGATE BASE COURSE, TYPE B 4" (TYP)

SHERMER RD



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 4/30/2019
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BAXTER & WOODMAN
Consulting Engineers

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23.sht_PPI.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'

STA. 199+00 TO STA. 204+00

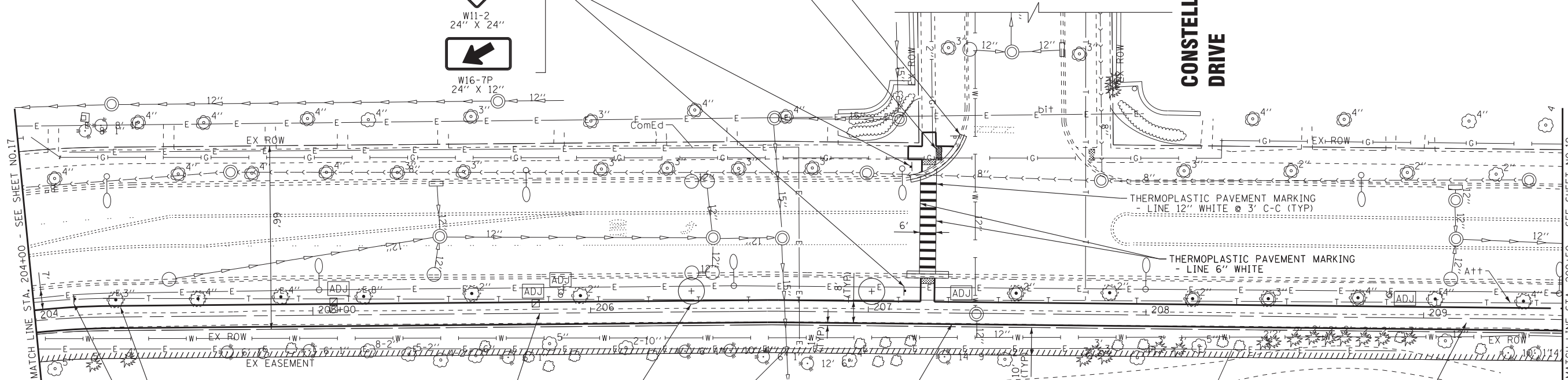
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	17
C-91-403-16		CONTRACT NO.	61F06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT INCIDENTAL HMA SURFACING (TYP)

DETECTABLE WARNINGS (TYP)

CONSTELLATION DRIVE



TREE TRUNK PROTECTION
TREE ROOT PRUNING
TREE PRUNING
(TYP)

PROPOSED ϕ PCC MULTI-USE PATH

PROPOSED TREE
SEE LANDSCAPING PLAN
(TYP)

PROPOSED MULTI-USE PATH
PCC SIDEWALK, 5" (TYP)
AGGREGATE BASE COURSE,
TYPE B 4" (TYP)

GLENVIEW PARK DISTRICT
GOLF COURSE

SIDEWALK REMOVAL
(TYP)



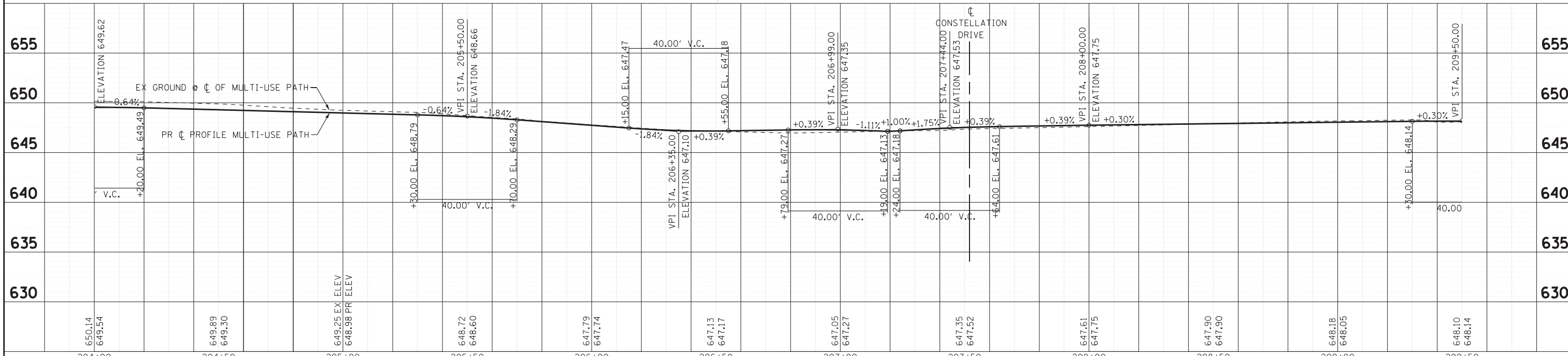
AHEAD

W16-9P
24" X 12"

NOTES:

- TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
- PCC SIDEWALK SHALL BE THICKENED TO 8" AT LOCATIONS WHERE IT CROSSES COMMERCIAL ENTRANCES. THIS WORK SHALL BE INCLUDED IN PCC SIDEWALK, 8".

SHERMER RD



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN
Consulting Engineers

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_PP2.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE

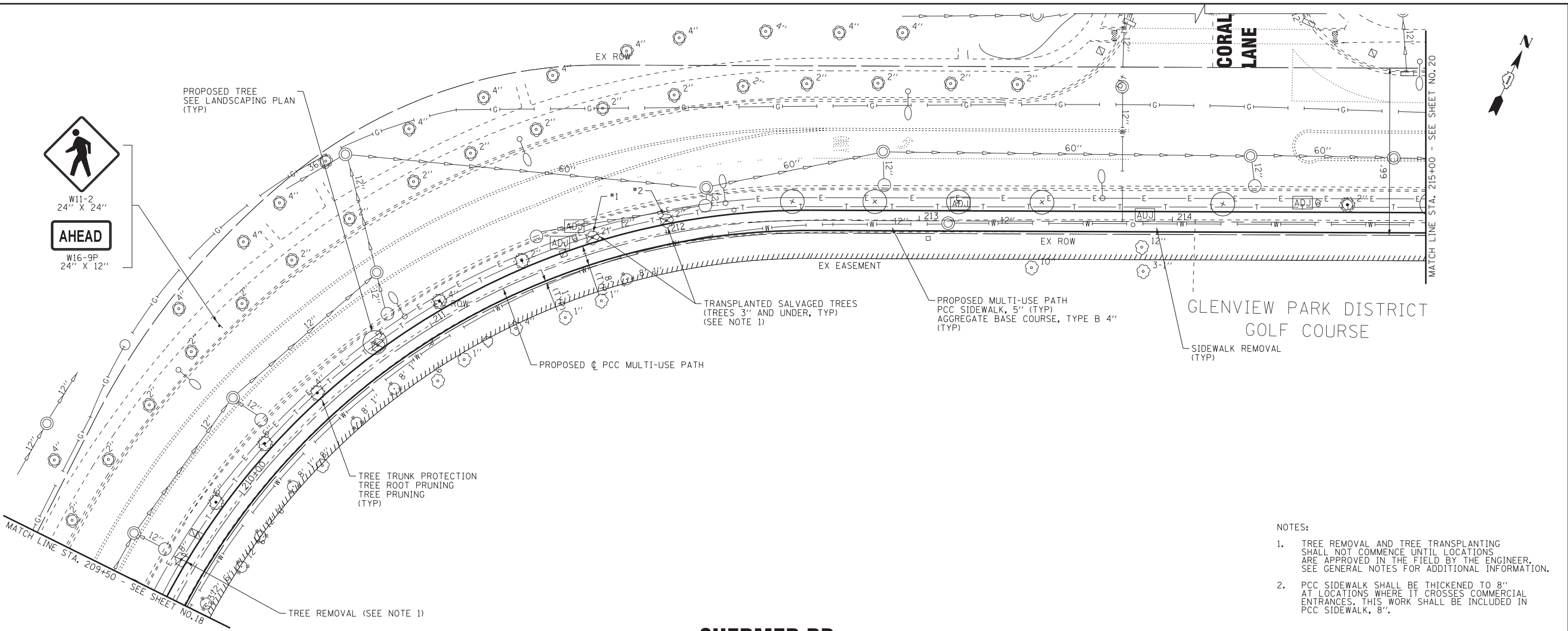
SCALE: H: 1"=20' V: 1"=5'

STA. 204+00 TO STA. 209+50

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	18
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

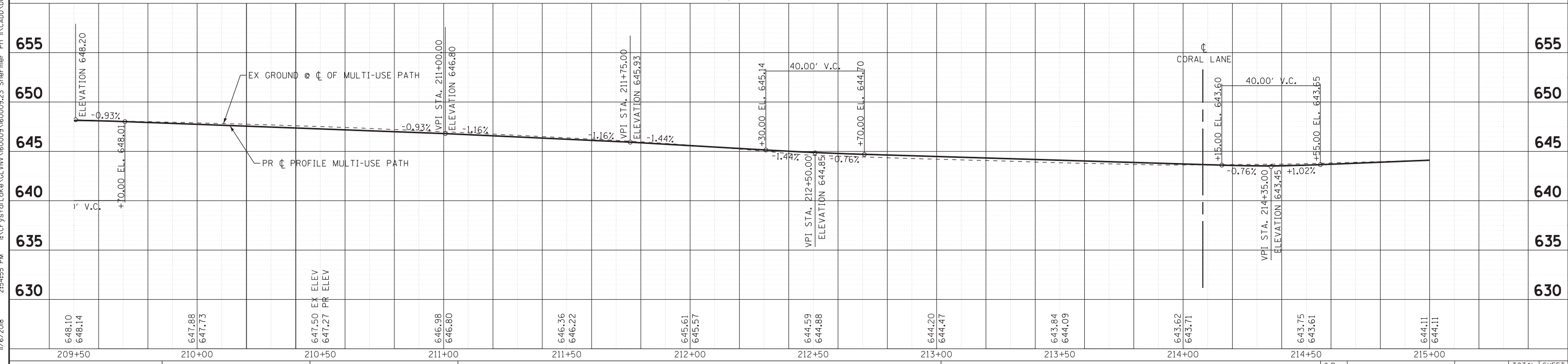


PROPOSED TREE
SEE LANDSCAPING PLAN
(TYP)



SHERMER RD

- NOTES:
- TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
 - PCC SIDEWALK SHALL BE THICKENED TO 8" AT LOCATIONS WHERE IT CROSSES COMMERCIAL ENTRANCES. THIS WORK SHALL BE INCLUDED IN PCC SIDEWALK, 8".



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
2:54:55 PM 1/6/2018
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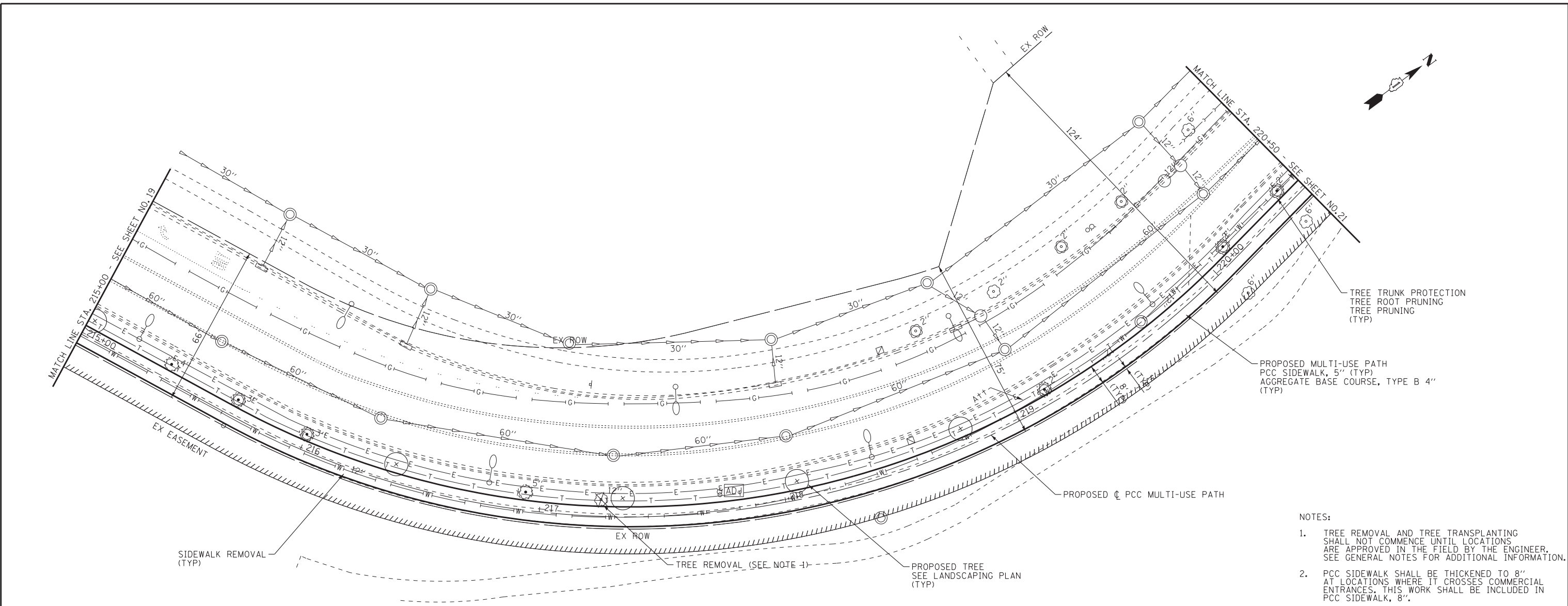
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DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23.sht_PP3.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE	
SCALE: H: 1"=20' V: 1"=5'	STA. 209+50 TO STA. 215+00

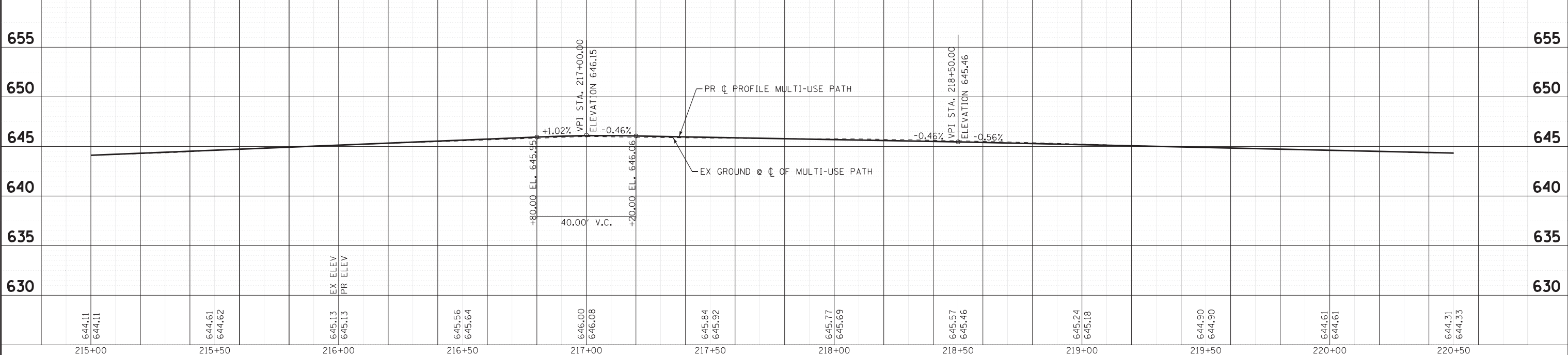
O.R. RTE. 0042	SECTION 13-00185-00-BT	COUNTY COOK	TOTAL SHEETS 61	SHEET NO. 19
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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- NOTES:
1. TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
 2. PCC SIDEWALK SHALL BE THICKENED TO 8" AT LOCATIONS WHERE IT CROSSES COMMERCIAL ENTRANCES. THIS WORK SHALL BE INCLUDED IN PCC SIDEWALK, 8".

SHERMER RD



STA.	EX ELEV	PR ELEV
215+00	644.11	644.11
215+50	644.61	644.62
216+00	645.13	645.13
216+50	645.56	645.64
217+00	646.00	646.08
217+50	645.84	645.92
218+00	645.77	645.69
218+50	645.57	645.46
219+00	645.24	645.18
219+50	644.90	644.90
220+00	644.61	644.61
220+50	644.31	644.33



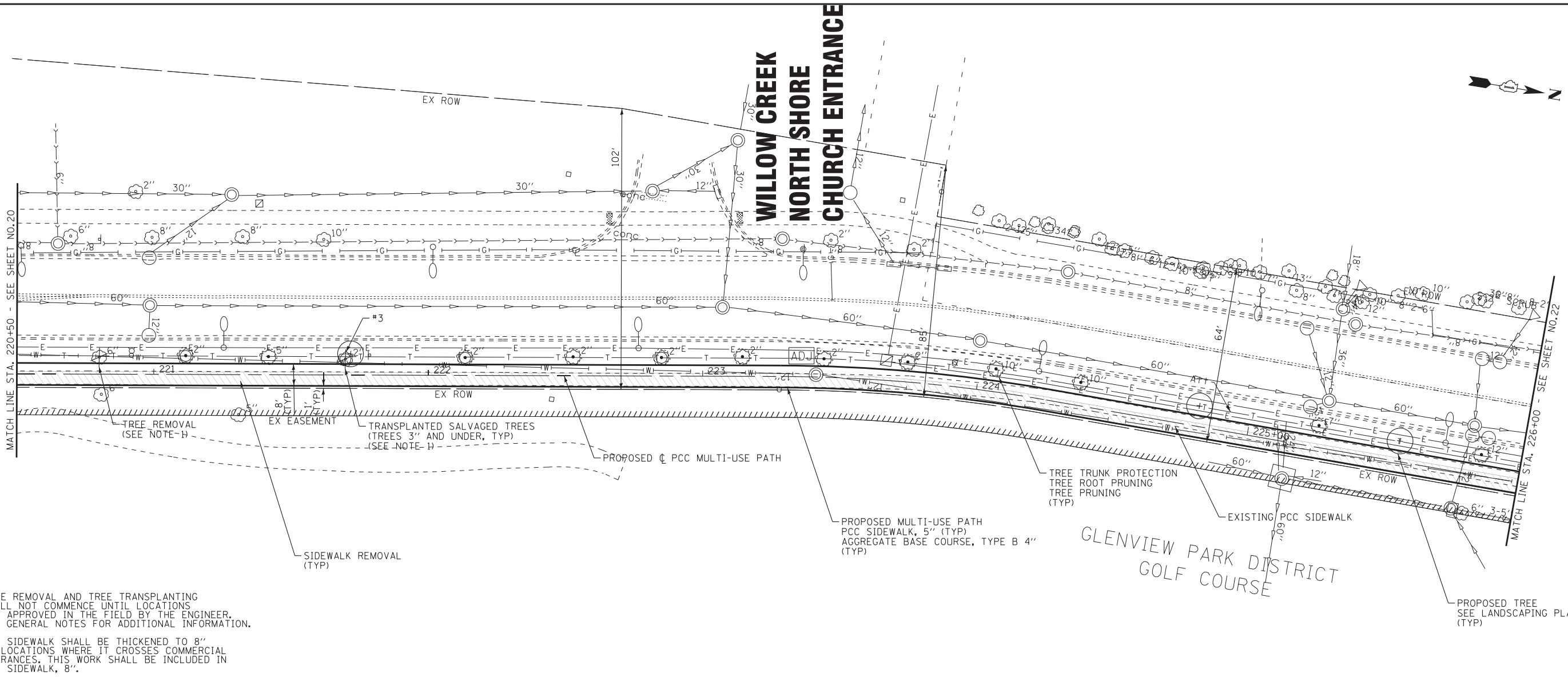
DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_PP4.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE

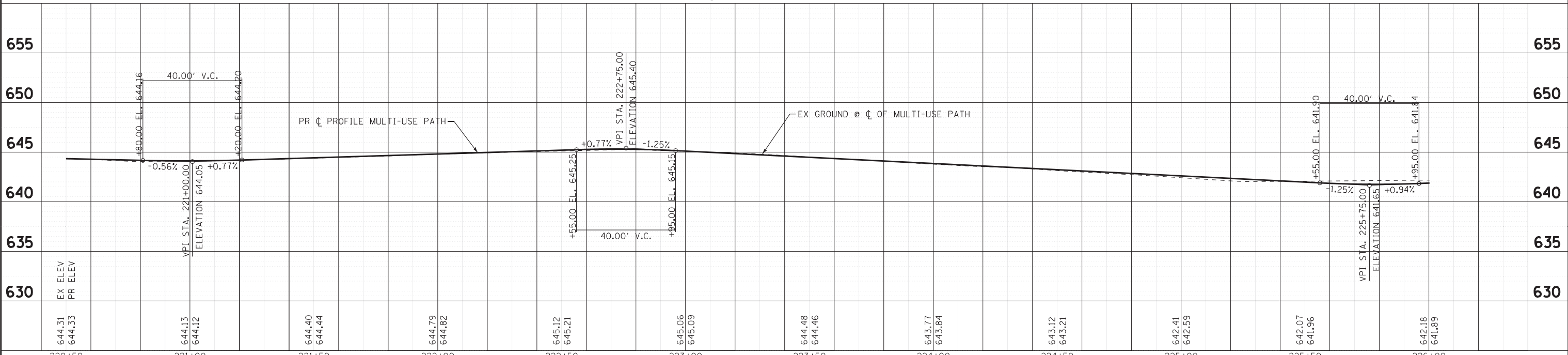
SCALE: H: 1"=20' V: 1"=5'
 STA. 215+00 TO STA. 220+50

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	20
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- NOTES:
- TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
 - PCC SIDEWALK SHALL BE THICKENED TO 8" AT LOCATIONS WHERE IT CROSSES COMMERCIAL ENTRANCES. THIS WORK SHALL BE INCLUDED IN PCC SIDEWALK, 8".

SHERMER RD



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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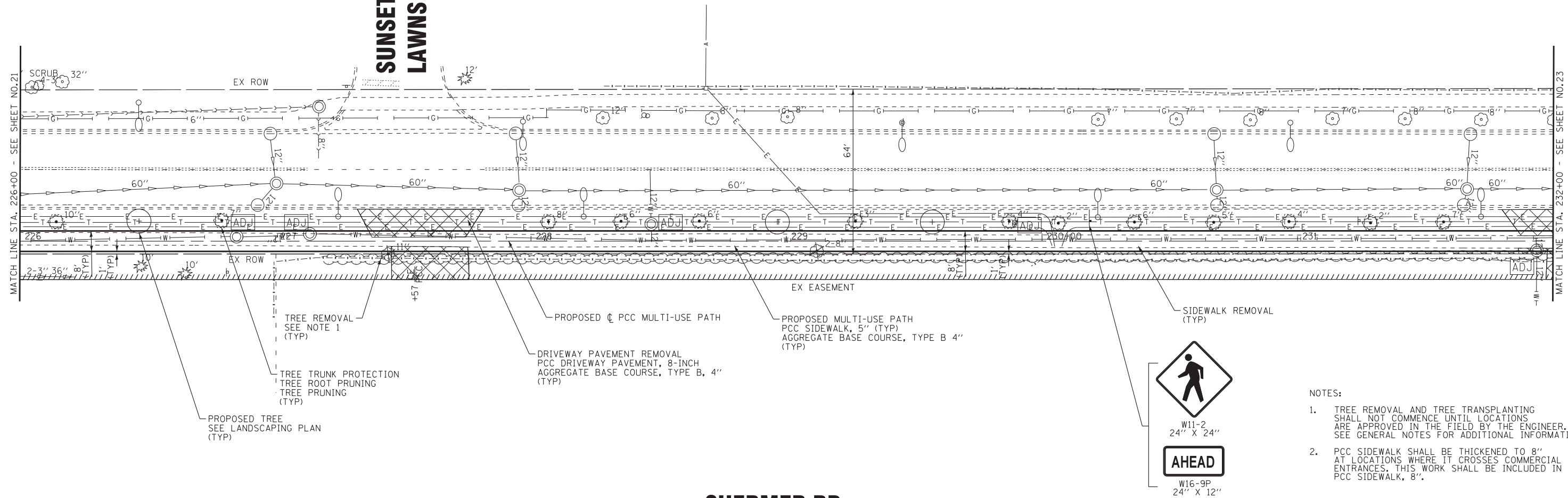
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE

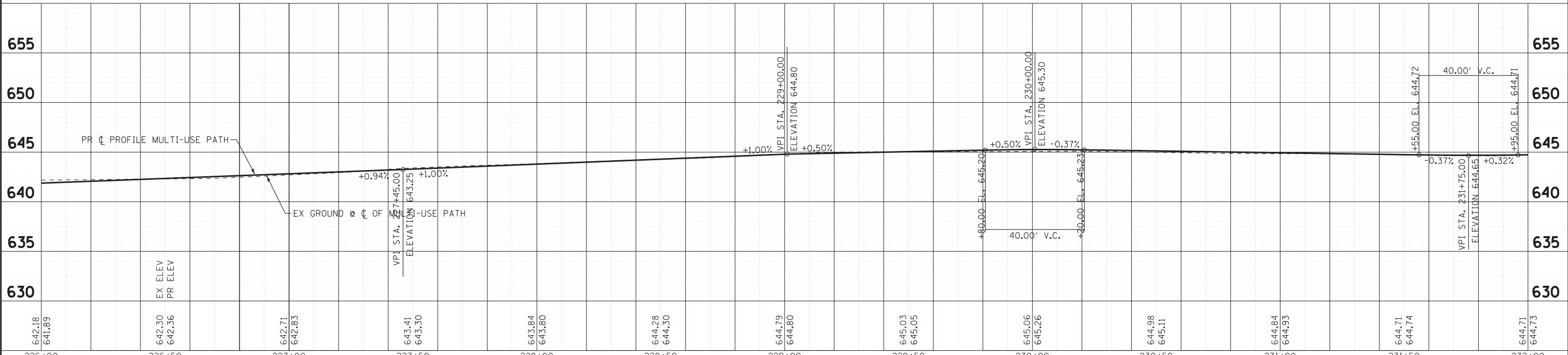
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STA. 220+50 TO STA. 226+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	21
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUNSET MEMORIAL LAWNS ENTRANCE



SHERMER RD



- NOTES:
- TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

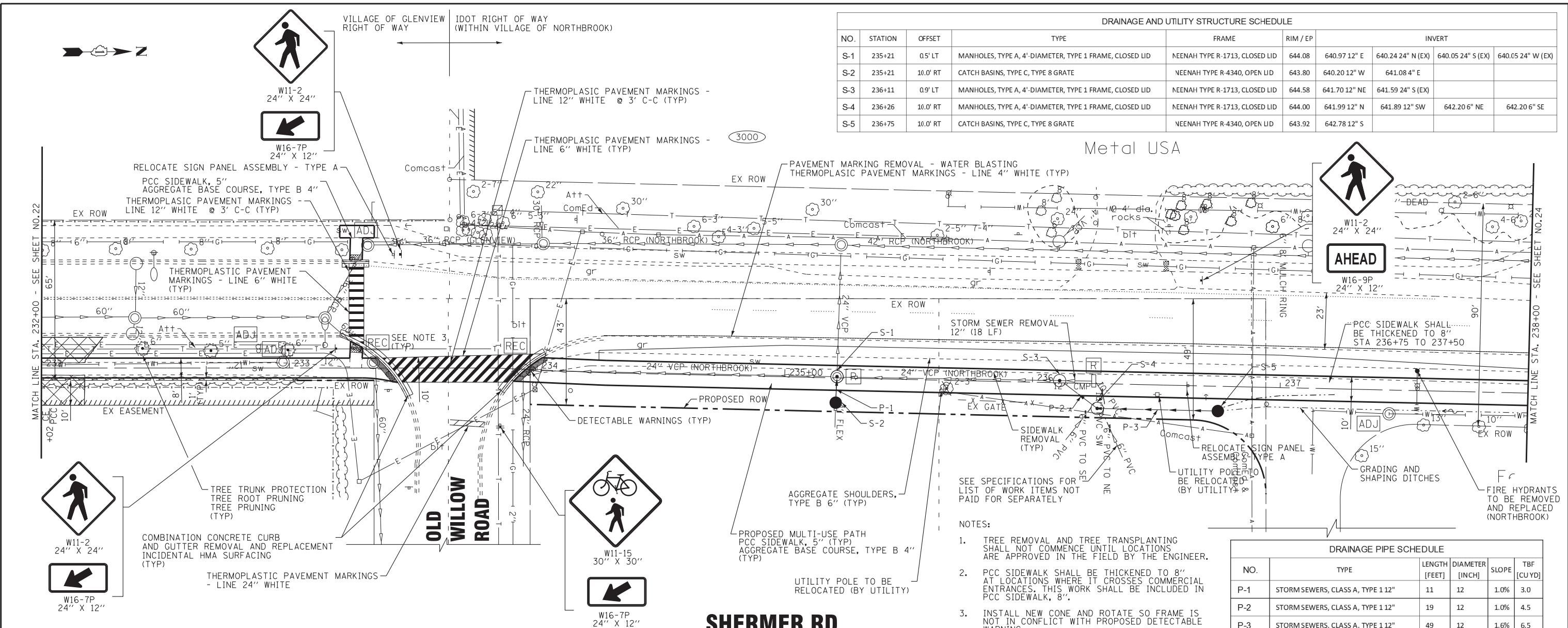
PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'

STA. 226+00 TO STA. 232+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	22
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

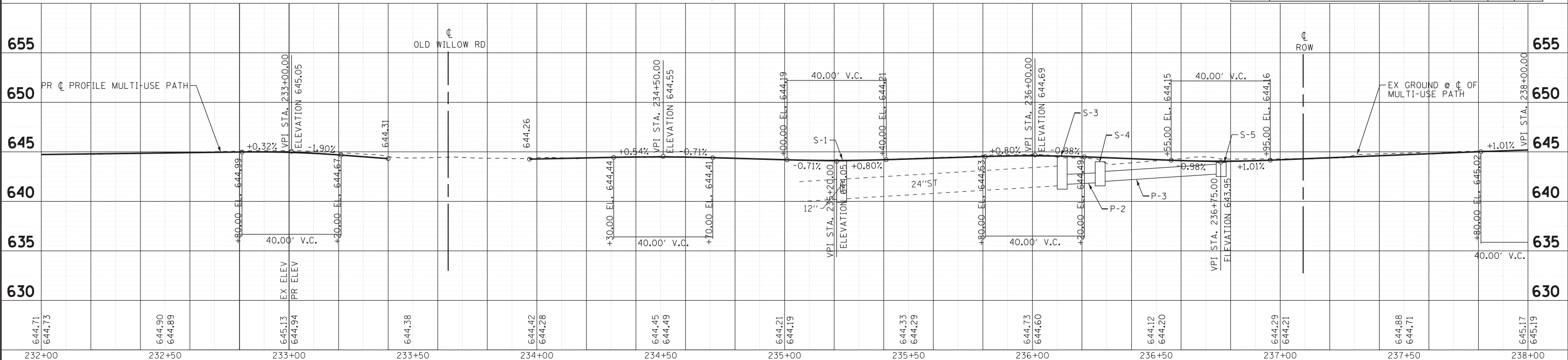
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NO.	STATION	OFFSET	TYPE	FRAME	RIM / EP	INVERT			
						640.97 12" E	640.24 24" N (EX)	640.05 24" S (EX)	640.05 24" W (EX)
S-1	235+21	0.5' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	NEENAH TYPE R-1713, CLOSED LID	644.08				
S-2	235+21	10.0' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	NEENAH TYPE R-4340, OPEN LID	643.80	640.20 12" W	641.08 4" E		
S-3	236+11	0.9' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	NEENAH TYPE R-1713, CLOSED LID	644.58	641.70 12" NE	641.59 24" S (EX)		
S-4	236+26	10.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	NEENAH TYPE R-1713, CLOSED LID	644.00	641.99 12" N	641.89 12" SW	642.20 6" NE	642.20 6" SE
S-5	236+75	10.0' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	NEENAH TYPE R-4340, OPEN LID	643.92	642.78 12" S			

NO.	TYPE	LENGTH [FEET]	DIAMETER [INCH]	SLOPE	TBF [CUYD]
P-1	STORM SEWERS, CLASS A, TYPE 1 12"	11	12	1.0%	3.0
P-2	STORM SEWERS, CLASS A, TYPE 1 12"	19	12	1.0%	4.5
P-3	STORM SEWERS, CLASS A, TYPE 1 12"	49	12	1.6%	6.5

- NOTES:
- TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER.
 - PCC SIDEWALK SHALL BE THICKENED TO 8" AT LOCATIONS WHERE IT CROSSES COMMERCIAL ENTRANCES. THIS WORK SHALL BE INCLUDED IN PCC SIDEWALK, 8".
 - INSTALL NEW CONE AND ROTATE SO FRAME IS NOT IN CONFLICT WITH PROPOSED DETECTABLE WARNING.



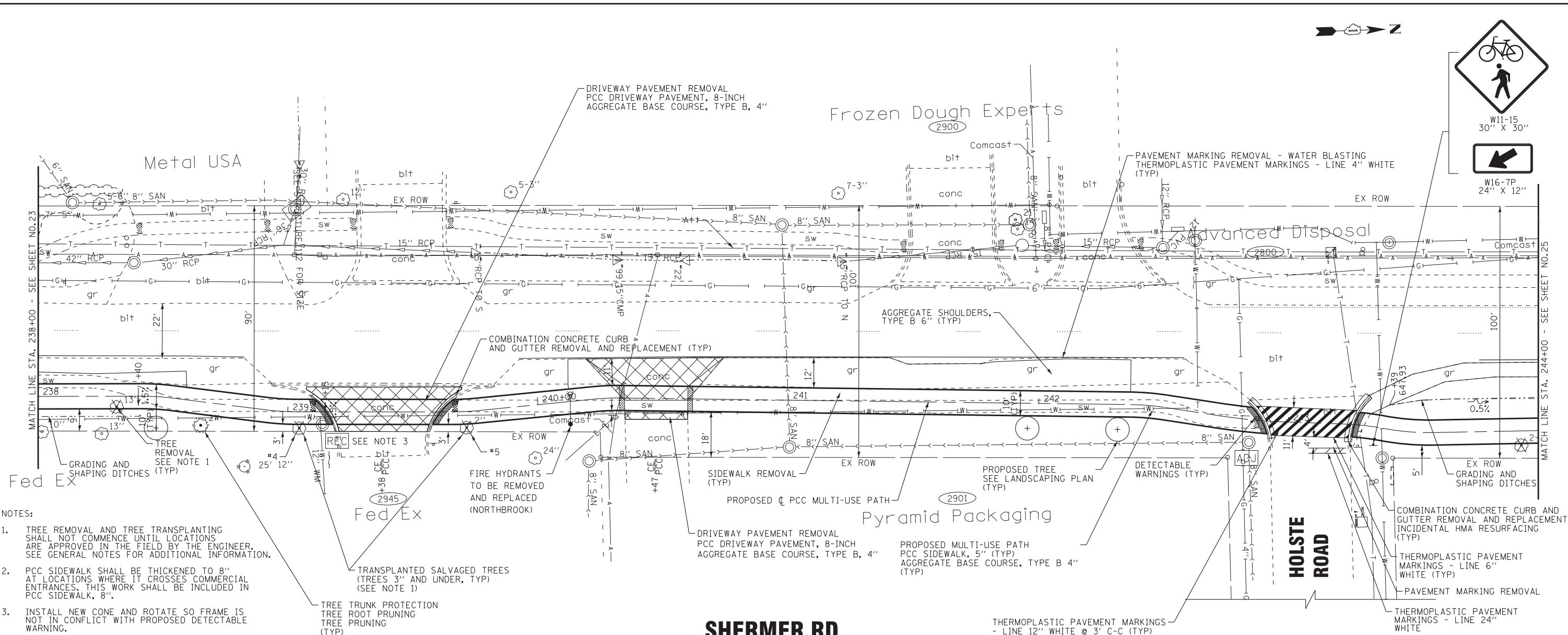
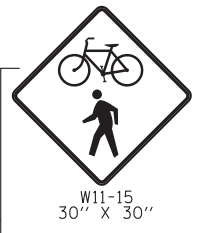
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

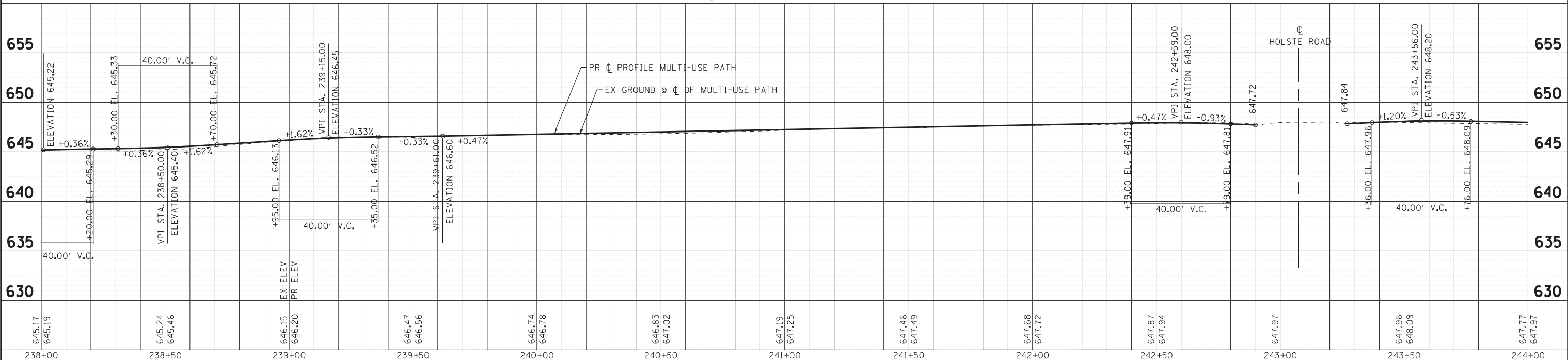
PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'
 STA. 232+00 TO STA. 238+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	23
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- NOTES:
- TREE REMOVAL AND TREE TRANSPLANTING SHALL NOT COMMENCE UNTIL LOCATIONS ARE APPROVED IN THE FIELD BY THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

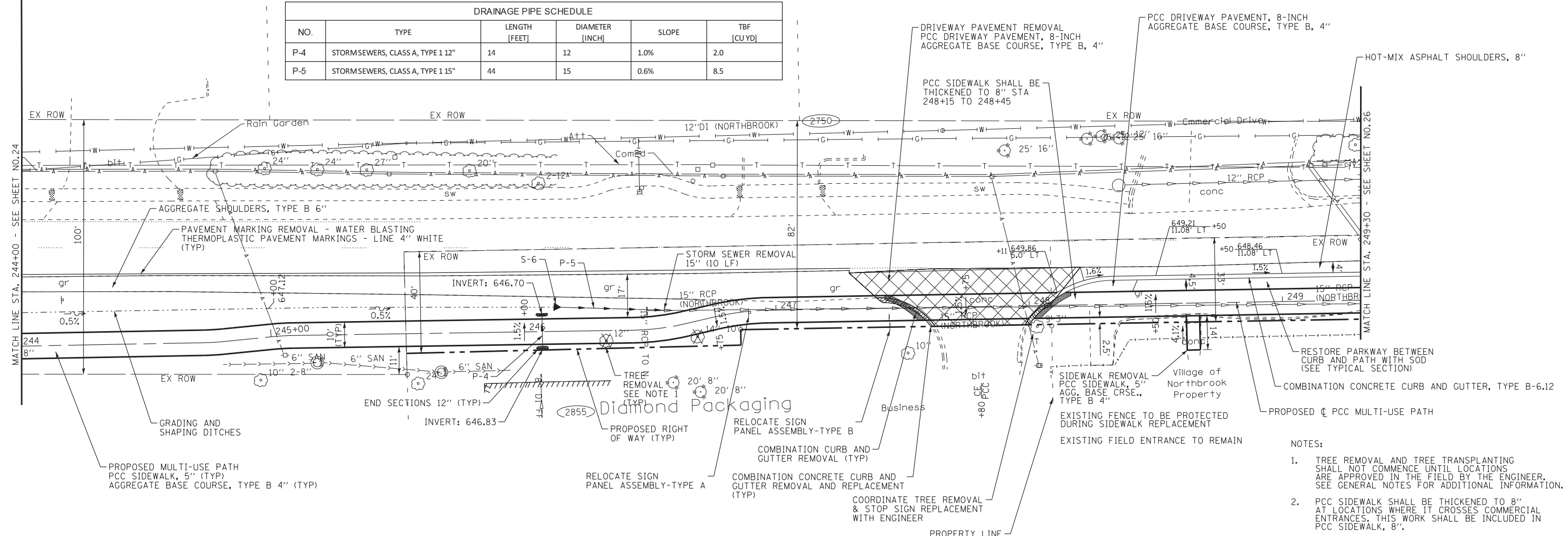
PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'
STA. 238+00 TO STA. 244+00

O.R. RTE. 0042	SECTION 13-00185-00-BT	COUNTY COOK	TOTAL SHEETS 61	SHEET NO. 24
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

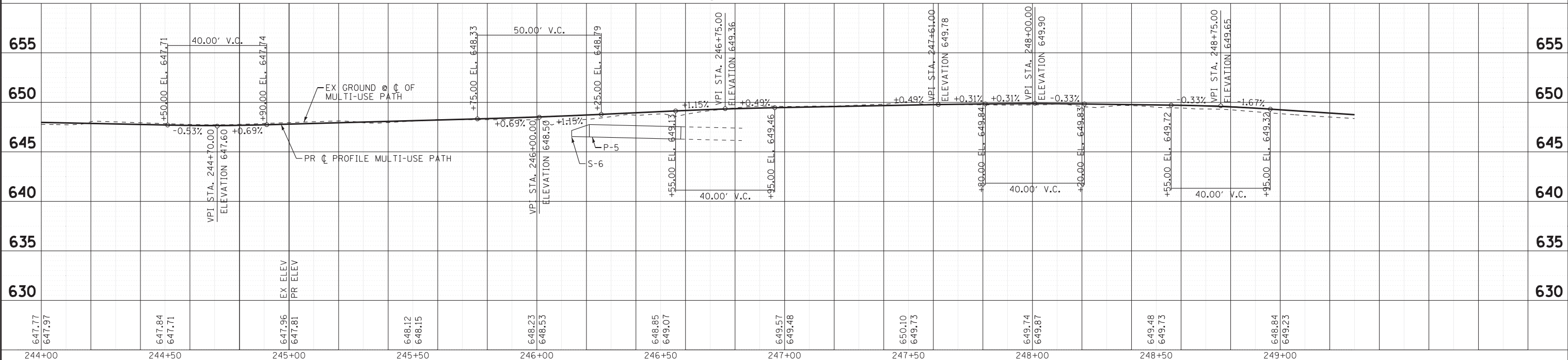
DRAINAGE AND UTILITY STRUCTURE SCHEDULE						
NO.	STATION	OFFSET	TYPE	FRAME	RIM / EP	INVERT
S-6	246+15	9.5' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"			646.55 15" N

DRAINAGE PIPE SCHEDULE					
NO.	TYPE	LENGTH (FEET)	DIAMETER (INCH)	SLOPE	TBF (CU YD)
P-4	STORMSEWERS, CLASS A, TYPE 1 12"	14	12	1.0%	2.0
P-5	STORMSEWERS, CLASS A, TYPE 1 15"	44	15	0.6%	8.5



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SHERMER RD



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers	DESIGNED - JBT	REVISED -
	DRAWN - MAC	REVISED -
	CHECKED - TLH	REVISED -
	DATE - 7-25-18	FILE - 160009-23.sht_PP9.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

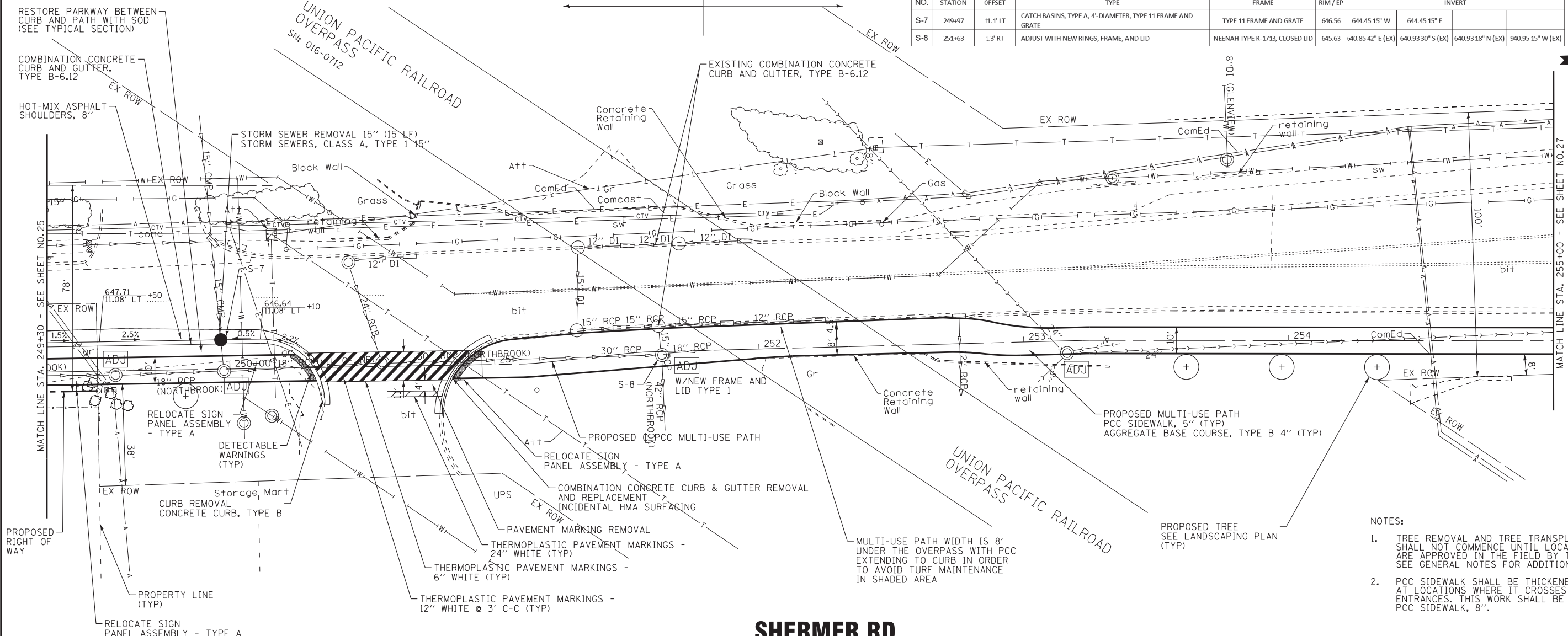
PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'
 STA. 244+00 TO STA. 249+30

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	25
C-91-403-16		CONTRACT NO.	61F06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

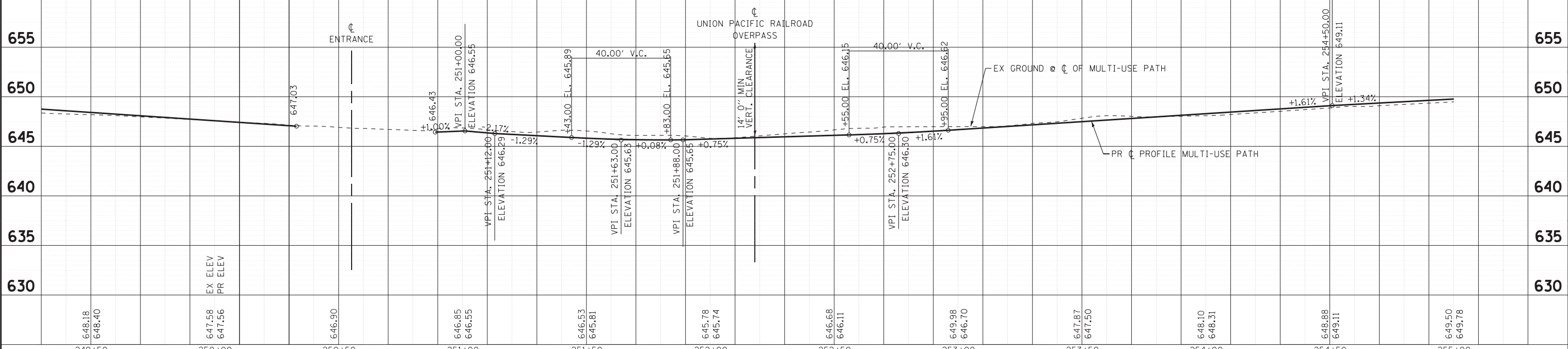
IDOT RIGHT OF WAY (VILLAGE OF NORTHBROOK) IDOT RIGHT OF WAY (VILLAGE OF GLENVIEW)

DRAINAGE AND UTILITY STRUCTURE SCHEDULE										
NO.	STATION	OFFSET	TYPE	FRAME	RIM/EP	INVERT				
S-7	249+97	11.1' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	646.56	644.45 15' W	644.45 15' E			
S-8	251+63	L3' RT	ADJUST WITH NEW RINGS, FRAME, AND LID	NEENAH TYPE R-1713, CLOSED LID	645.63	640.85 42' E (EX)	640.93 30' S (EX)	640.93 18' N (EX)	940.95 15' W (EX)	



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SHERMER RD



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM LICENSE No. 184-00121 - EXPIRES 4/30/2019
 PROJECT: 160009-23_Shermer Rd
 SHEET: 62 OF 100
 DATE: 7/25/18
 FILE: 160009-23.sht_PP10.dgn



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DATE - 7-25-18	FILE - 160009-23.sht_PP10.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

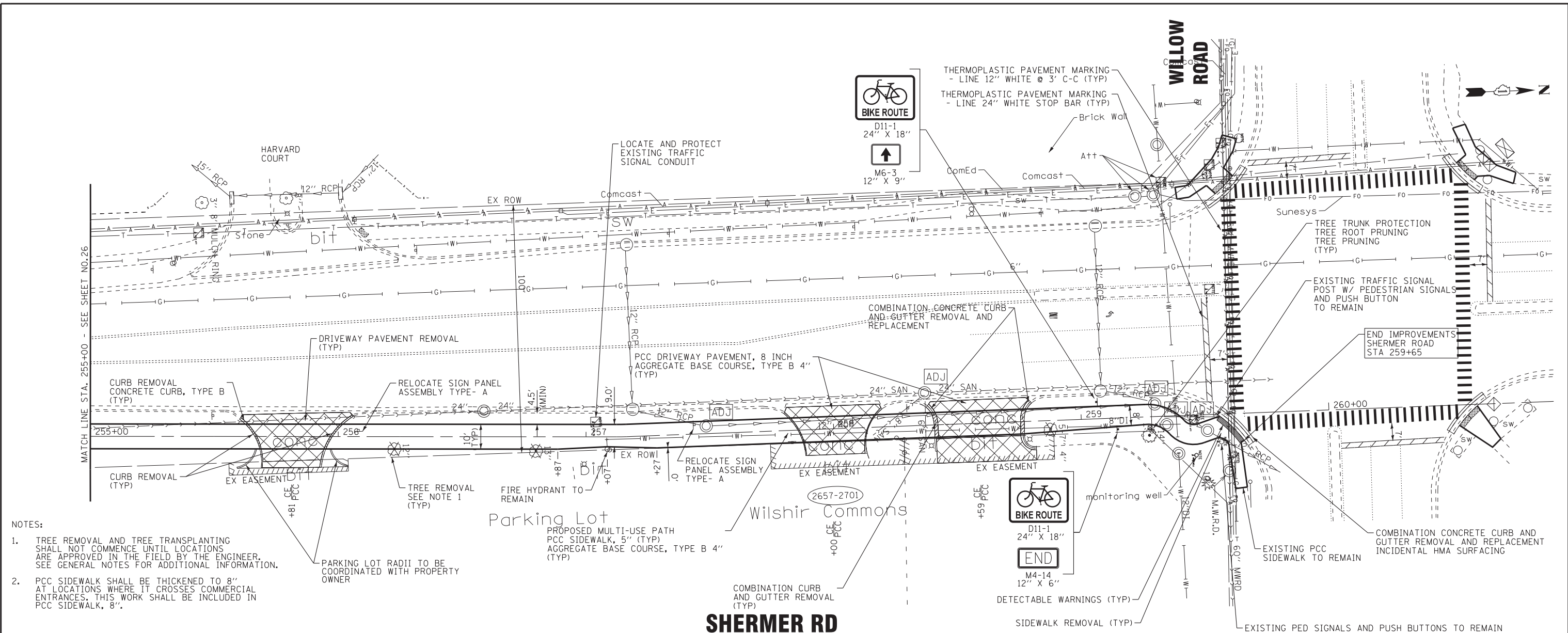
PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'

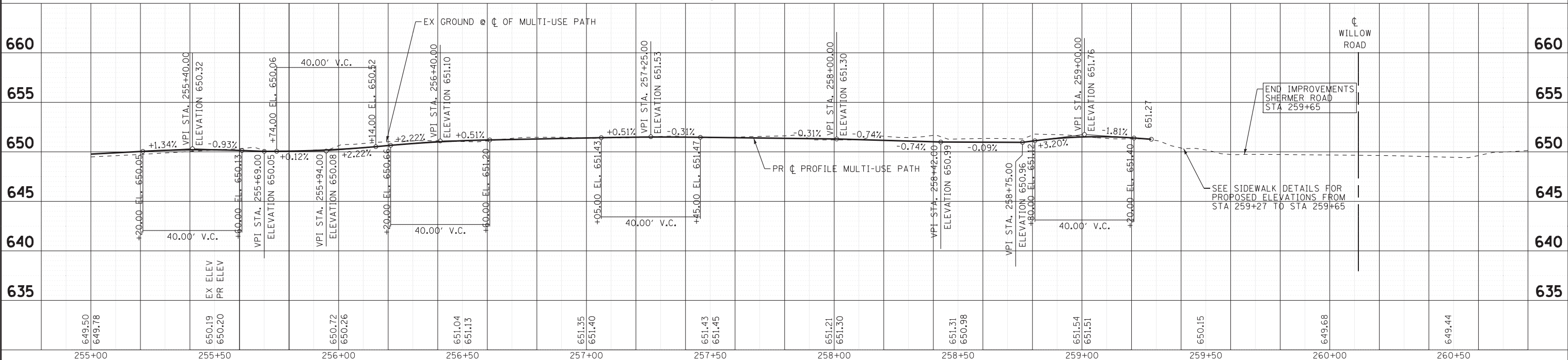
STA. 249+30 TO STA. 255+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	26
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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649.50 649.78	650.19 650.20	650.72 650.26	651.04 651.13	651.35 651.40	651.43 651.45	651.21 651.30	651.31 650.98	651.54 651.51	650.15	649.68	649.44
255+00	255+50	256+00	256+50	257+00	257+50	258+00	258+50	259+00	259+50	260+00	260+50

BAXTER & WOODMAN
Consulting Engineers

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE

SCALE: H: 1"=20' V: 1"=5'

STA. 255+00 TO STA. 261+00

O.R. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	27
C-91-403-16		CONTRACT NO. 61F06		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONSTELLATION DRIVE

SHERMER RD

TREE SCHEDULE

A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	NC	EACH	2
A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	CH	EACH	1
A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	KC	EACH	1
A2005420	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	TT	EACH	1
A2005920	TREE, PLATANUS X ACERIFOLIA BLOODGOOD (BLOODGOOD LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	BLP	EACH	1
A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	WO	EACH	1
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	SWO	EACH	1
A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	CBC	EACH	1
A2008020	TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	LLL	EACH	1
A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	PAE	EACH	1

NOTES:

1. PROPOSED TREE LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY. FINAL TREE LOCATIONS SHALL BE DETERMINED AND APPROVED IN THE FIELD BY THE VILLAGE FORESTER (847-657-3030) AND THE ENGINEER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. FINAL LIMITS OF SODDING SHALL BE DETERMINED BY THE ENGINEER.

LEGEND	
	INLET FILTERS
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	TREE TRUNK PROTECTION
	TREE ROOT PRUNING
	TREE PRUNING
	PROPOSED TREE

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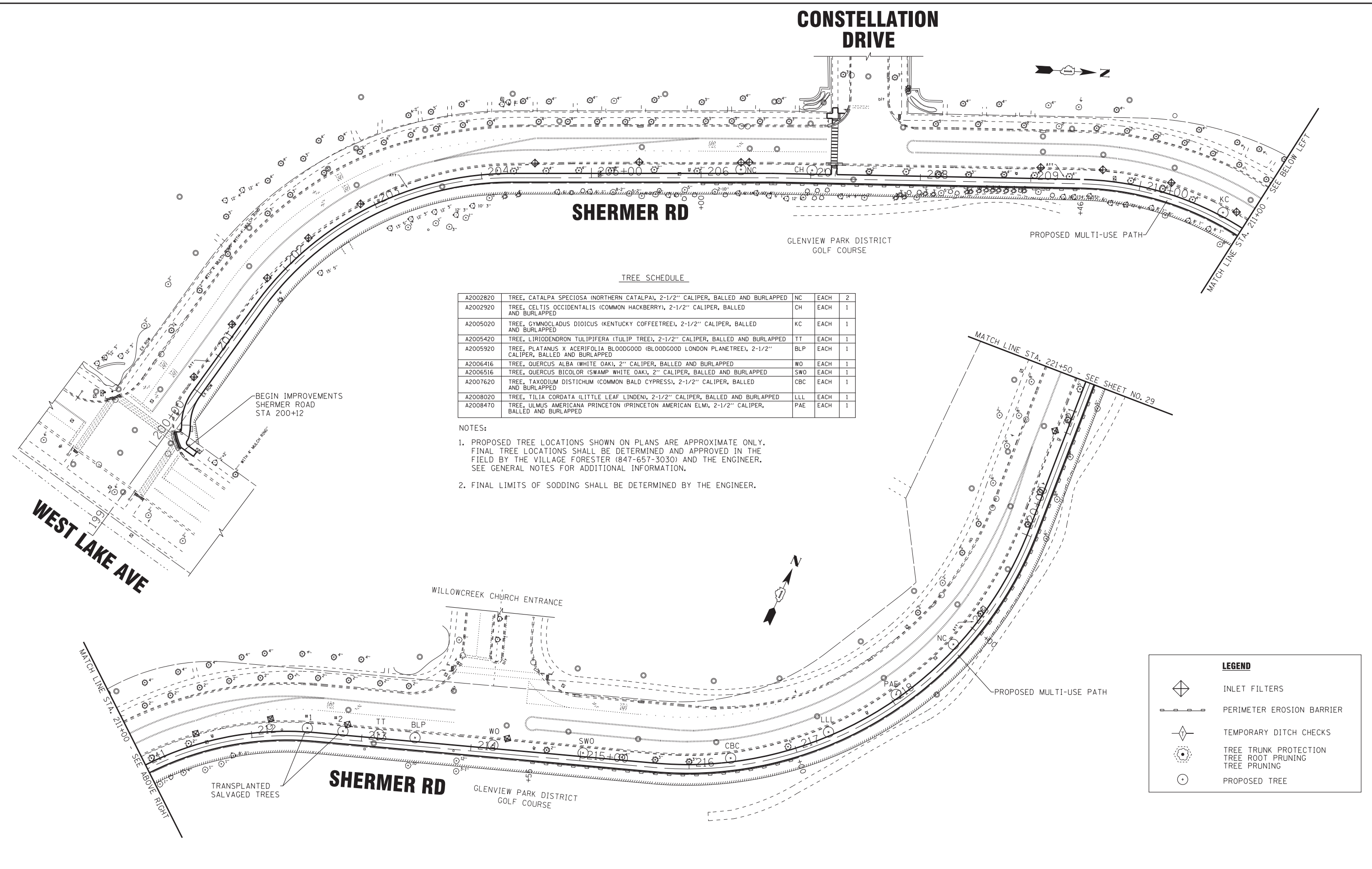
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 40'

STA. 199+00 TO STA. 221+50

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	28
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



WEST LAKE AVE

BEGIN IMPROVEMENTS
SHERMER ROAD
STA 200+12

WILLOWCREEK CHURCH ENTRANCE

SHERMER RD

GLENVIEW PARK DISTRICT
GOLF COURSE

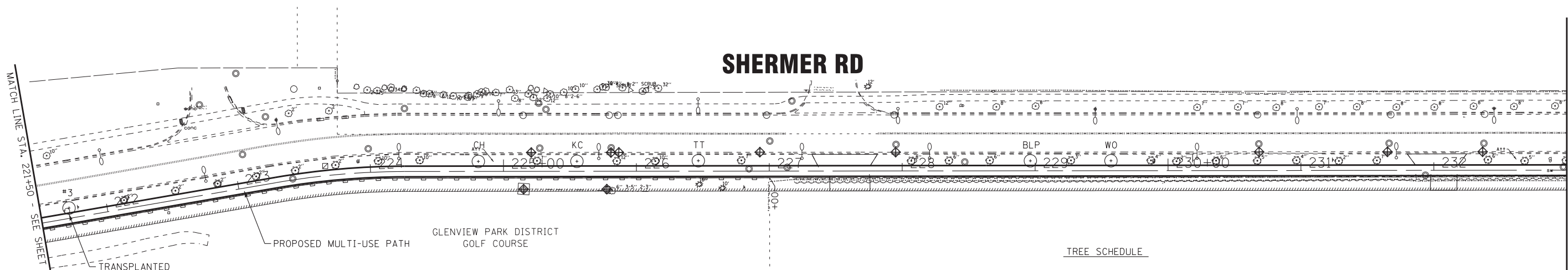
TRANSPLANTED
SALVAGED TREES

PROPOSED MULTI-USE PATH

MATCH LINE STA. 221+50 - SEE SHEET NO. 29

MATCH LINE STA. 211+00 - SEE BELOW LEFT

MATCH LINE STA. 211+00 - SEE ABOVE RIGHT



MATCH LINE STA. 221+50 - SEE SHEET NO. 28

MATCH LINE STA. 233+00 - SEE BELOW LEFT

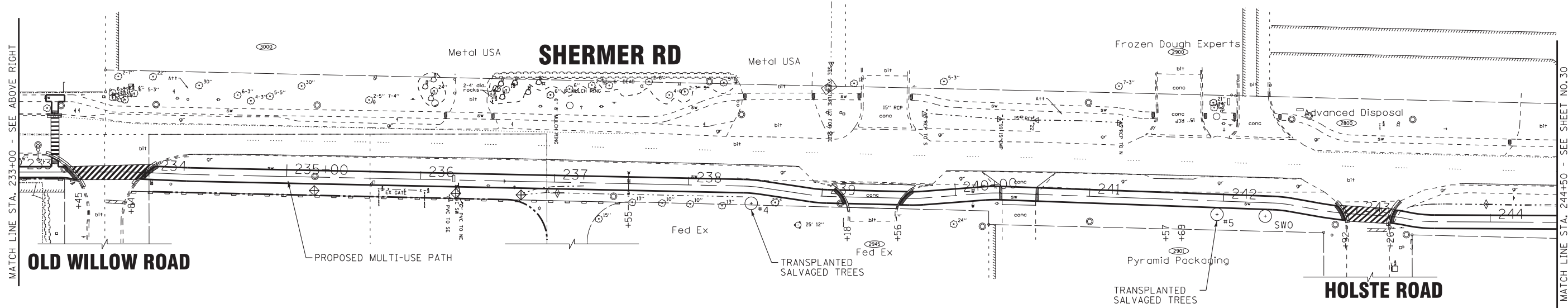
LEGEND	
	INLET FILTERS
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	TREE TRUNK PROTECTION TREE ROOT PRUNING TREE PRUNING
	PROPOSED TREE

TREE SCHEDULE

A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	CH	EACH	1
A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	KC	EACH	1
A2005420	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	TT	EACH	1
A2005920	TREE, PLATANUS X ACERIFOLIA BLOODGOOD (BLOODGOOD LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	BLP	EACH	1
A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	WO	EACH	1
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	SWO	EACH	1

NOTES:

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MATCH LINE STA. 233+00 - SEE ABOVE RIGHT

MATCH LINE STA. 244+50 - SEE SHEET NO. 30

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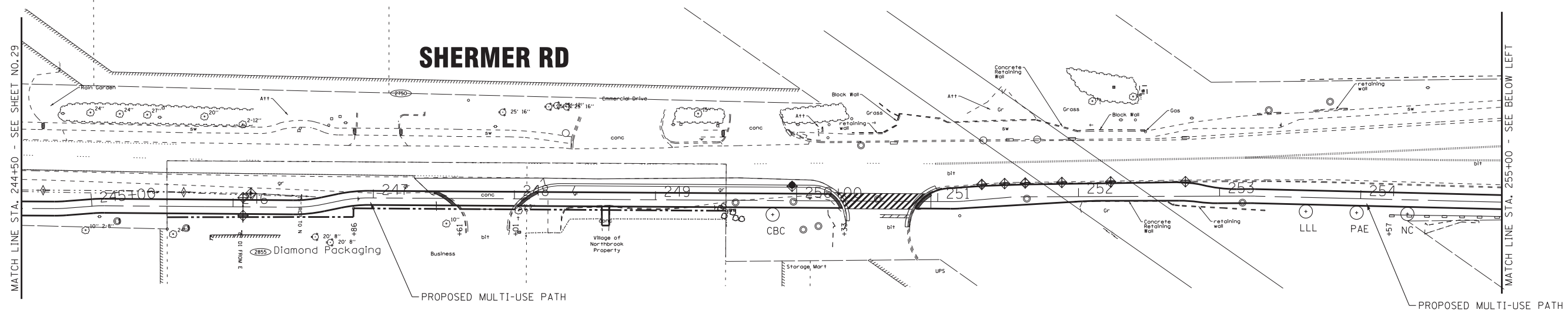
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 40'

STA. 221+50 TO STA. 244+50

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	29
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



TREE SCHEDULE

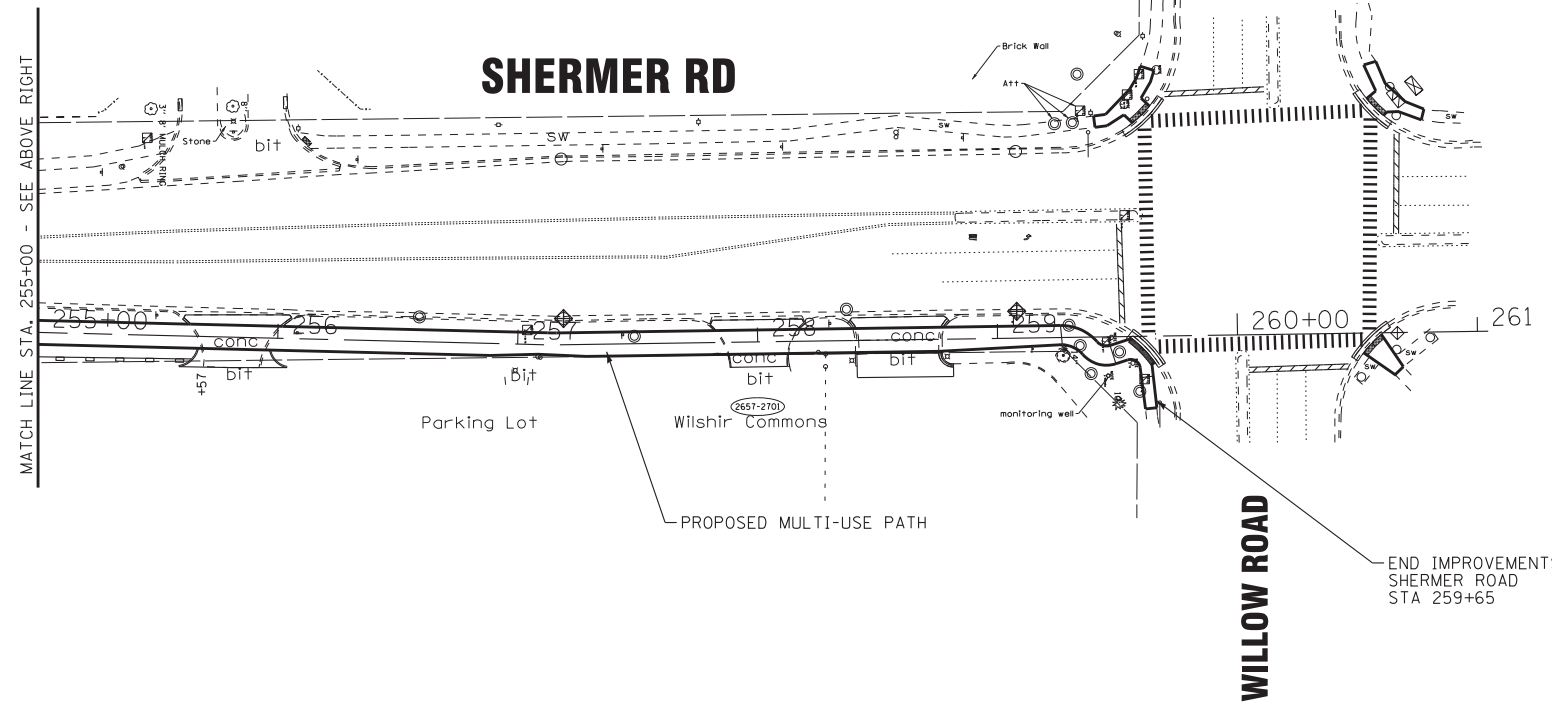
A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	NC	EACH	1
A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	CBC	EACH	1
A2008020	TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	LLL	EACH	1
A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	PAE	EACH	1

NOTES:

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LEGEND

- INLET FILTERS
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- TREE TRUNK PROTECTION
TREE ROOT PRUNING
TREE PRUNING
- PROPOSED TREE



SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL AREAS LOCATED DOWNSTREAM FROM DISTURBED AREAS OF CONSTRUCTION SHALL BE PROTECTED FROM POTENTIAL INCREASE OF EROSION AND SEDIMENTATION RESULTING FROM UPSTREAM ACTIVITIES.
2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO THE START OF DISTURBANCE.
4. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED; BUT IN NO CASE SHALL THESE MEASURES BE INSTALLED MORE THAN 7 DAYS AFTER THE CONSTRUCTION IN THIS AREA TEMPORARILY OR PERMANENTLY CEASES.
5. INLET FILTERS SHALL BE INSTALLED AND MAINTAINED AT ALL OPEN LID STORM SEWER STRUCTURES (EXISTING AND PROPOSED).
6. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENGINEER.
7. REPAIR, REPLACE, OR MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES AFTER A RAINFALL EVENT OF 1/2 INCH OR MORE OVER A 24 HOUR PERIOD AND ON A BI-WEEKLY BASIS AS A MINIMUM.
8. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
9. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.
10. IF THE CONTRACTOR IS NOTIFIED BY THE ENGINEER OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY, THE DEFICIENCY MUST BE CORRECTED WITHIN 24 HOURS OF BEING NOTIFIED.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 4/30/2019
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DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_EC3.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND LANDSCAPING PLAN

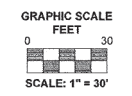
SCALE: 1" = 40'

STA. 244+50 TO STA. 260+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	30
CONTRACT NO. 61F06			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PART OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

LEGEND

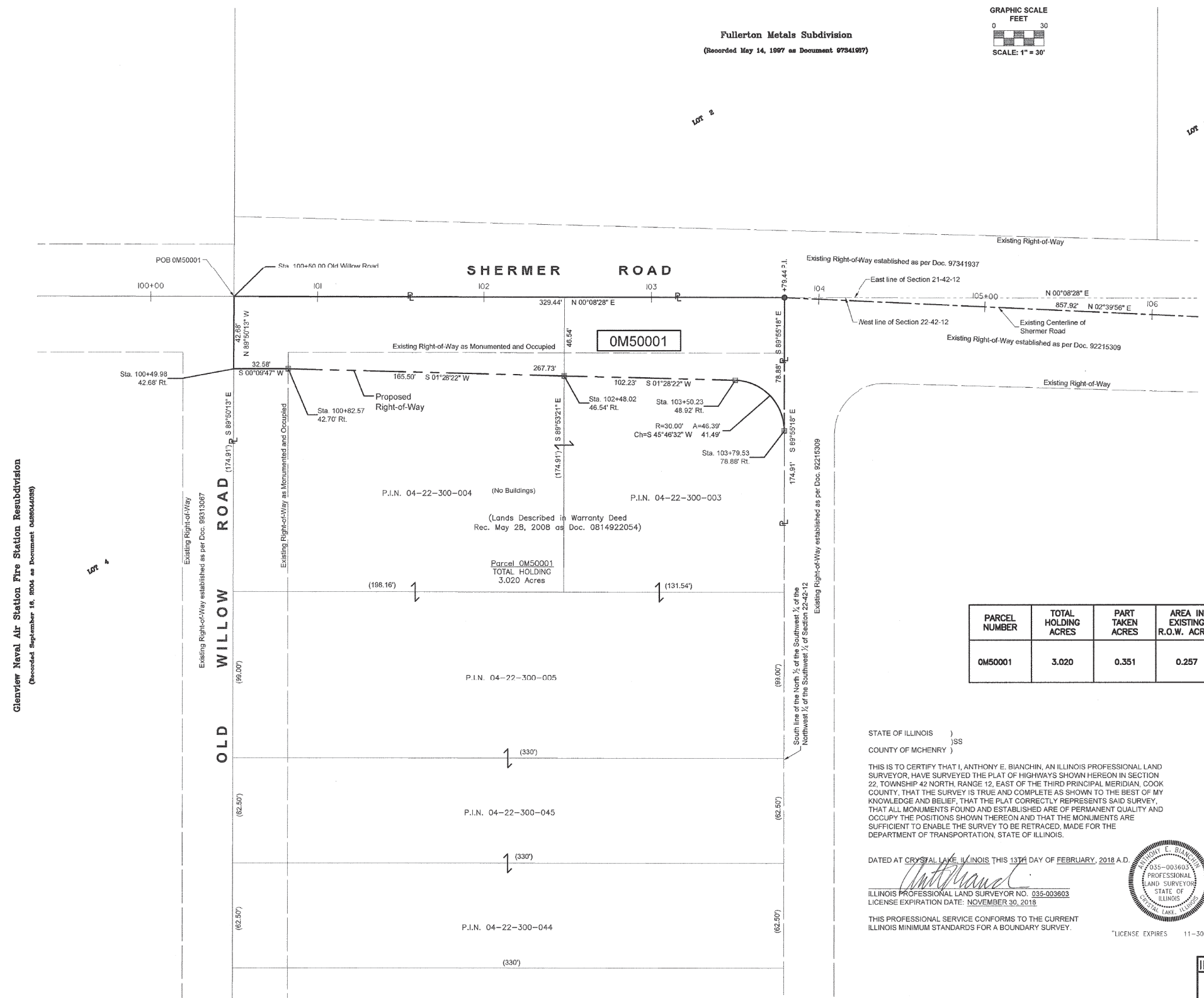


- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE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

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

Notes:

- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- All dimensions are measured unless otherwise noted.
- All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0M50001	3.020	0.351	0.257	2.669	-	-	04-22-300-003 04-22-300-004 04-22-300-005 04-22-300-044 04-22-300-045

STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHINI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERON IN SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 13TH DAY OF FEBRUARY, 2018 A.D.

Anthony E. Bianchini
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018



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

"LICENSE EXPIRES 11-30-2018"

BAXTER & WOODMAN
Consulting Engineers
8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-459-1200 • FAX: 815-455-0450

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SHERMER ROAD

LIMITS: Old Willow Rd. to Willow Rd. COUNTY: COOK
SECTION: 13-00185-00-BT JOB NO.: R-90-004-18
STA. 100+00 TO STA. 106+00
SCALE: 1" = 30' SHEET 2 OF 5 SHEETS

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

IDOT USE ONLY

REVISION DATE: 02-13-2018 REVISION MADE BY: AEB
REVISION DATE: 08-25-2017 REVISION MADE BY: AEB

Glenview Naval Air Station Fire Station Rebuild
(Recorded September 16, 2004 as Document 04804428)

I:\CRYSTAL LAKE\GLENVIEW\160009\160009-19-SHERMER BP PH \CADD\DRAWINGS\PLATS\160009-19 - PLATS.DWG Sheet 2
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State of Illinois - Professional Design Firm
License No. - 184-001121 - Expires 4-30-13

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2019
11/6/2018
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-22.sht_Plat_of_Highway.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: STA. TO STA.

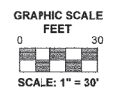
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	31
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

PART OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

LEGEND



SECTION CORNER
QUARTER SECTION CORNER

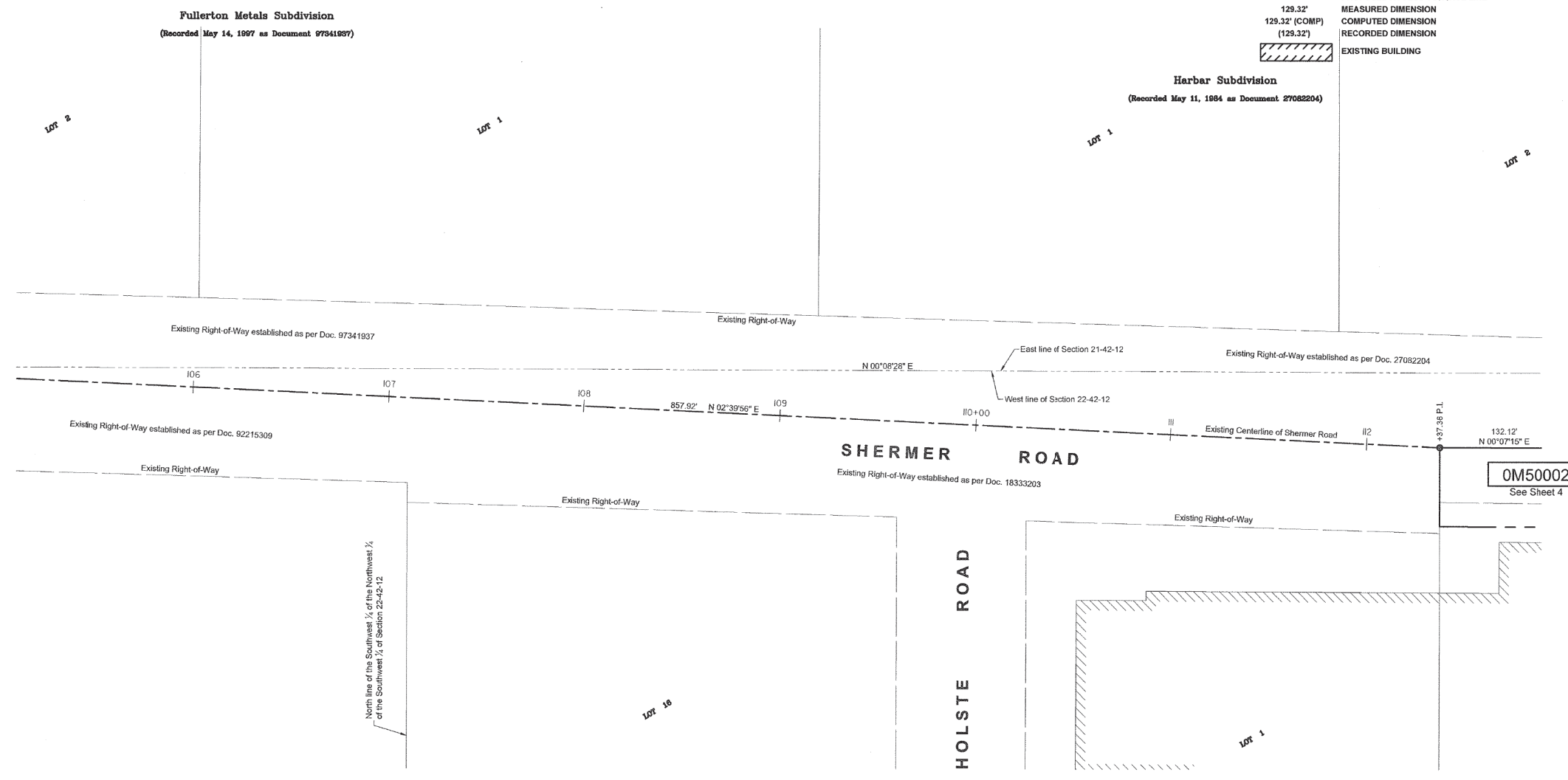


- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC- EXISTING ACCESS CONTROL LINE
- AC- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- 129.32' (129.32') RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET
- ⊕ "MAG" NAIL SET
- 5/8" REBAR SET

Notes:

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OM50002
See Sheet 4

STATE OF ILLINOIS)
) SS
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHINI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 23TH DAY OF FEBRUARY, 2018 A.D.

Anthony E. Bianchini
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018

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



"LICENSE EXPIRES 11-30-2018"

Glendale Industrial District
(Recorded November 17, 1981 as Document 18333203)

BAXTER & WOODMAN
Consulting Engineers
8078 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-459-1260 • FAX: 815-455-0450

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SHERMER ROAD

LIMITS : Old Willow Rd. to Willow Rd. COUNTY : COOK
SECTION : 13-00185-00-BT JOB NO. : R-90-004-18
STA. 105+50 TO STA. 112+50
SCALE : 1" = 30' SHEET 3 OF 5 SHEETS

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

IDOT USE ONLY

REVISION DATE: 02-13-2018 REVISION MADE BY: AEB
REVISION DATE: 10-06-2017 REVISION MADE BY: AEB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: STA. TO STA.

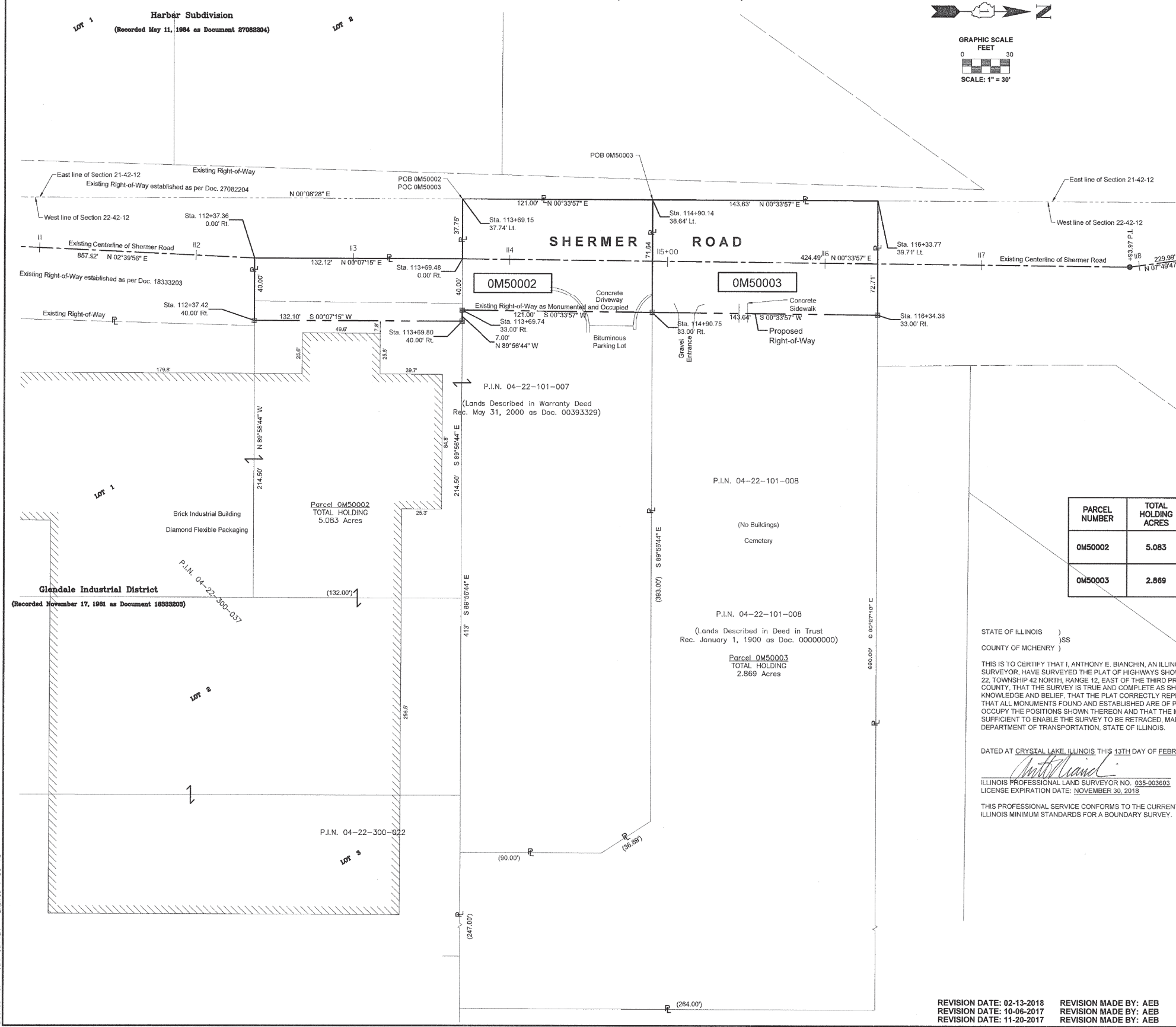
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	32
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-22_sht_Plat_of_Highway.dgn

BAXTER & WOODMAN
Consulting Engineers

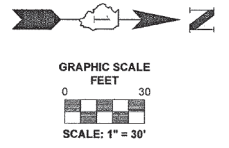
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM LICENSE NO. 184-00121 - EXPIRES 4/30/2019 11/6/2018
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 State of Illinois - Professional Design Firm License No. 184-00121 - Expires 4-30-13

PART OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS



LEGEND

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



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
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- ▭ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:

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PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
OM50002	5.083	0.319	0.272	4.764	-	-	04-22-101-007 04-22-300-022 04-22-300-037
OM50003	2.869	0.238	0.238	2.631	-	-	04-22-101-008

STATE OF ILLINOIS)
)SS
COUNTY OF MCHENRY)

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DATED AT CRYSTAL LAKE, ILLINOIS THIS 13TH DAY OF FEBRUARY, 2018 A.D.

Anthony E. Bianchini
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018



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

"LICENSE EXPIRES 11-30-2018"

BAXTER & WOODMAN
Consulting Engineers
8078 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-439-1260 • FAX: 815-435-0450

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SHERMER ROAD

LIMITS: Old Willow Rd. to Willow Rd. COUNTY: COOK
SECTION: 13-00185-00-BT JOB NO.: R-90-004-18
STA. 111+00 TO STA. 118+00
SCALE: 1" = 30' SHEET 4 OF 5 SHEETS

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

REVISION DATE: 02-13-2018 REVISION MADE BY: AEB
REVISION DATE: 10-06-2017 REVISION MADE BY: AEB
REVISION DATE: 11-20-2017 REVISION MADE BY: AEB

IDOT USE ONLY

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM LICENSE NO. 184-00121 - EXPIRES 11/6/2018
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Plotted: 2/24/2017 @ 2:18 PM By: 5544EB
State of Illinois - Professional Design Firm License No. 184-00121 - Expires 11/6/2018



DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-22.sht_Plat_of_Highway.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	33
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

PART OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

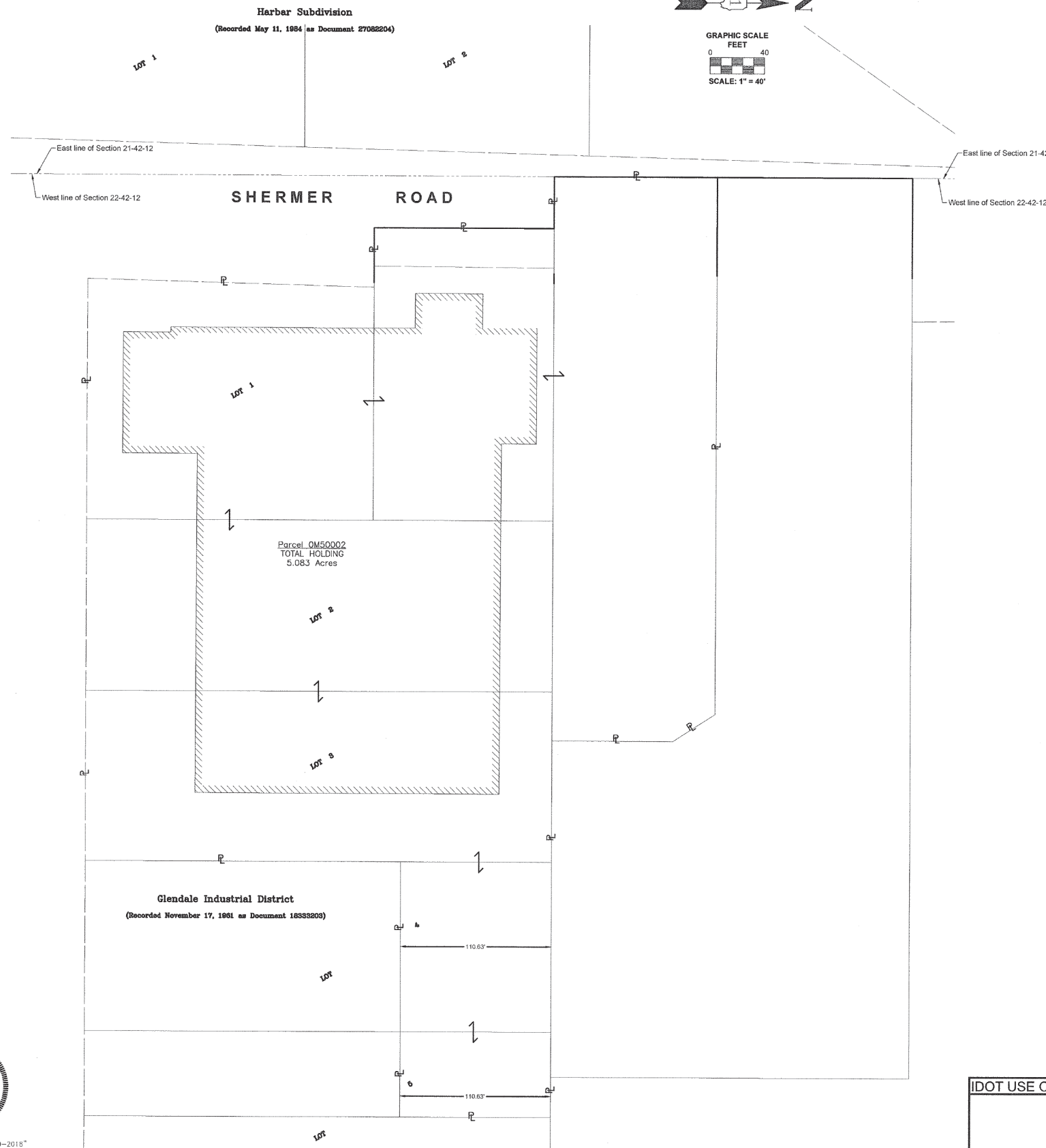
PROJECT COORDINATES
Illinois State Plane, Ease Zone, NAD 83 (2011)

Centerline Alignment
(Shermer Road)

Station / Description	Northing	Eastng
99+00	1,978,884.84	1,120,979.68
103+76.44	1,979,184.28	1,120,980.82
112+37.36	1,980,021.27	1,121,020.72
117+93.87	1,980,577.87	1,121,025.19

Proposed Right-of-Way

Station / Description	Northing	Eastng
100+82.57 42.70' Rt.	1,978,867.30	1,121,022.79
102+48.02 48.54' Rt.	1,979,032.75	1,121,027.04
103+50.23 48.92' Rt.	1,979,134.95	1,121,029.67
103+79.53 78.88' Rt.	1,979,164.18	1,121,039.70
112+37.42 40.00' Rt.	1,980,021.26	1,121,060.72
113+89.80 40.00' Rt.	1,980,153.38	1,121,061.00
113+88.74 33.00' Rt.	1,980,153.37	1,121,054.00
114+80.75 33.00' Rt.	1,980,274.36	1,121,055.20
116+34.38 33.00' Rt.	1,980,417.99	1,121,056.82



LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

GRAPHIC SCALE FEET SCALE: 1" = 40'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPEARANT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION 129.32'
- COMPUTED DIMENSION 129.32' (COMP)
- RECORDED DIMENSION 129.32'
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
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- 5/8" REBAR SET
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STATE OF ILLINOIS)
COUNTY OF MCHENRY)

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DATED AT CRYSTAL LAKE, ILLINOIS THIS 13TH DAY OF FEBRUARY, 2018 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
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"LICENSE EXPIRES 11-30-2018"

BAXTER & WOODMAN
Consulting Engineers

8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-439-1200 • FAX: 815-455-0450

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SHERMER ROAD

LIMITS: Old Willow Rd. to Willow Rd. COUNTY: COOK
SECTION: 13-00185-00-BT JOB NO.: R-80-004-18
STA. N/A TO STA. N/A
SCALE: 1" = 00' SHEET 5 OF 5 SHEETS

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

IDOT USE ONLY

REVISION DATE: 02-13-2018 REVISION MADE BY: AEB
REVISION DATE: 11-20-2017 REVISION MADE BY: AEB

I:\CRYSTAL LAKE\Q\W\160009\160009-19_SHERMER.RP.PH \CADD\DRAWINGS\PLATS\160009-19 - PLATS.DWG Sheet 5
Plotted: 2/24/2017 @ 2:18 PM By: 554AEB
State of Illinois - Professional Design Firm
License No. - 184-03121 - Expires 4-30-13

BAXTER & WOODMAN
Consulting Engineers

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-22_sht_Plat_of_Highway.dgn

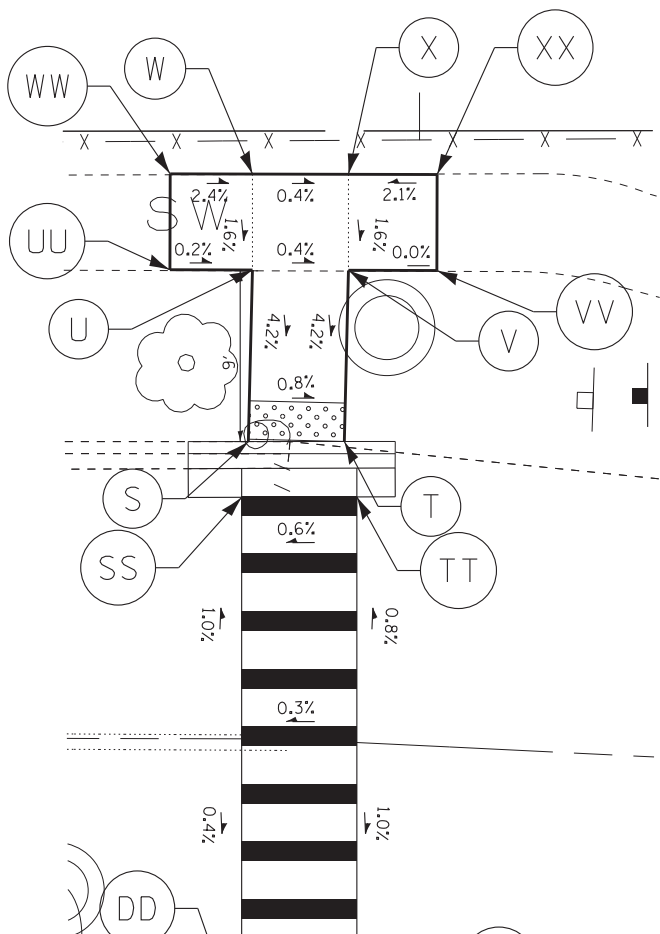
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	34
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

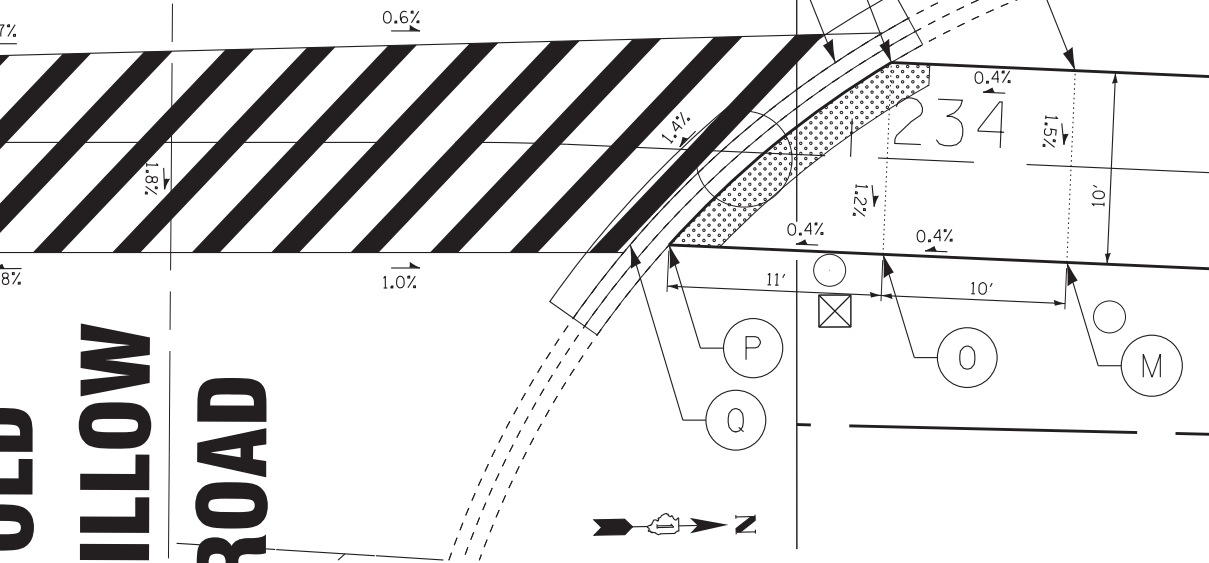
SHERMER ROAD



LAKE AVENUE

SHERMER ROAD

OLD WILLOW ROAD



	STATION	OFFSET	ELEVATION
A	200+59.9	3.14' LT	646.68
B	200+59.9	4.86' RT	646.80
C	200+29.2	6.02' RT	646.42
D	200+34.0	13.15' RT	646.54
DD	200+20.5	19.12' RT	646.20
E	200+17.5	32.13' RT	646.68
EE	200+17.5	22.11' RT	646.26
F	200+22.8	8.38' RT	646.36
FF	200+25.4	9.00' RT	646.38
G	200+12.4	32.12' RT	646.66
H	200+12.4	18.63' RT	646.08
HH	200+12.4	22.11' RT	646.23
I	200+20.4	4.82' RT	646.31
J	200+10.7	17.80' RT	646.05
K	200+09.5	17.20' RT	646.01
L	200+19.6	3.65' RT	646.27
M	200+09.5	18.10' RT	645.98
N	200+20.1	2.34' RT	646.30

	STATION	OFFSET	ELEVATION
A	233+19.4	4.00' LT	644.61
B	233+19.4	4.00' RT	644.73
C	233+24.4	4.00' LT	644.65
D	233+24.4	10.81' LT	644.69
DD	233+24.1	12.74' LT	644.65
E	233+29.7	8.11' LT	644.59
EE	233+30.1	9.64' LT	644.55
F	233+29.4	4.00' LT	644.58
G	233+35.2	4.00' LT	644.44
H	233+37.5	4.00' LT	644.40
I	233+35.0	4.32' RT	644.40
II	233+29.4	4.00' RT	644.60
J	233+43.8	5.84' RT	644.26
K	233+45.6	5.74' RT	644.22
L	233+99.2	5.00' LT	644.43
M	233+99.2	5.00' RT	644.28
N	234+01.9	5.00' LT	644.40
O	234+01.9	5.00' RT	644.24
P	233+90.8	5.00' RT	644.20
Q	233+88.8	5.00' RT	644.16
R	233+99.1	5.00' LT	644.36
S	233+24.4	43.60' LT	644.68
SS	233+24.0	42.20' LT	644.64
T	233+29.4	43.60' LT	644.65
TT	233+30.1	42.21' LT	644.61
U	233+24.6	52.50' LT	645.05
UU	233+20.4	52.54' LT	645.06
V	233+29.6	52.50' LT	645.03
VV	233+34.3	52.50' LT	645.03
W	233+24.6	57.50' LT	645.13
WW	233+20.4	57.54' LT	645.23
X	233+29.6	57.50' LT	645.11
XX	233+34.3	57.50' LT	645.21

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00123 - EXPIRES 4/30/2019
 BAXTER & WOODMAN Consulting Engineers
 11/6/2018
 PROJECT: SHERMER ROAD ADA SIDEWALK RAMP
 SHEET: 61 OF 35
 FILE: 160009-23_sht_ADA_Sidewalk-1.dgn

BAXTER & WOODMAN Consulting Engineers

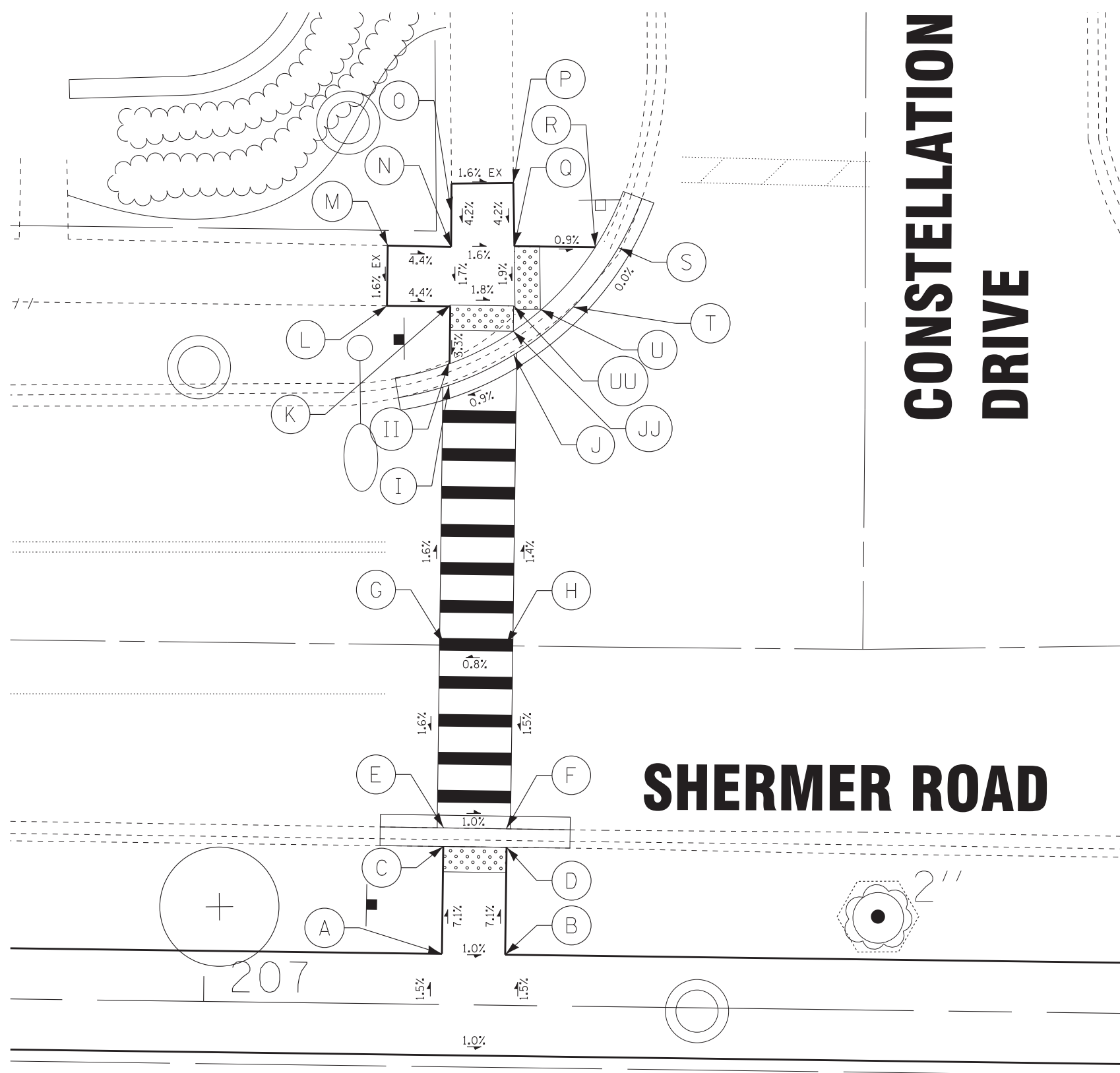
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DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_ADA_Sidewalk-1.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 10'

ADA SIDEWALK RAMP DETAIL		O.R. RTE. 0042 SECTION 13-00185-00-BT COUNTY COOK COUNTY ILLINOIS DIST. NO. 61F06	TOTAL SHEETS 61 SHEET NO. 35 CONTRACT NO. 61F06
STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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**CONSTELLATION
DRIVE**

SHERMER ROAD

	STATION	OFFSET	ELEVATION
A	207+18.8	4.00' LT	647.17
B	207+23.8	4.00' LT	647.22
C	207+18.8	12.48' LT	646.57
D	207+23.8	12.48' LT	646.62
E	207+18.8	13.95' LT	646.53
F	207+23.8	13.95' LT	646.58
G	207+18.8	28.39' LT	646.76
H	207+23.8	28.39' LT	646.80
I	207+18.8	48.93' LT	646.43
II	207+18.8	50.61' LT	646.47
J	207+23.8	51.35' LT	646.48
JJ	207+23.8	53.25' LT	646.48
K	207+18.8	55.14' LT	646.61
L	207+13.8	55.14' LT	646.84
M	207+13.8	59.88' LT	646.92
N	207+18.8	59.85' LT	646.69
O	207+18.8	64.85' LT	646.90
P	207+23.6	64.96' LT	646.82
Q	207+23.8	59.97' LT	646.61
R	207+30.2	59.97' LT	646.55
S	207+32.0	59.97' LT	646.51
T	207+28.3	55.01' LT	646.51
U	207+25.9	55.01' LT	646.51
UU	207+23.8	55.25' LT	646.52

EX
EX
EX
EX



DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_ADA_Sidewalk-1A.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

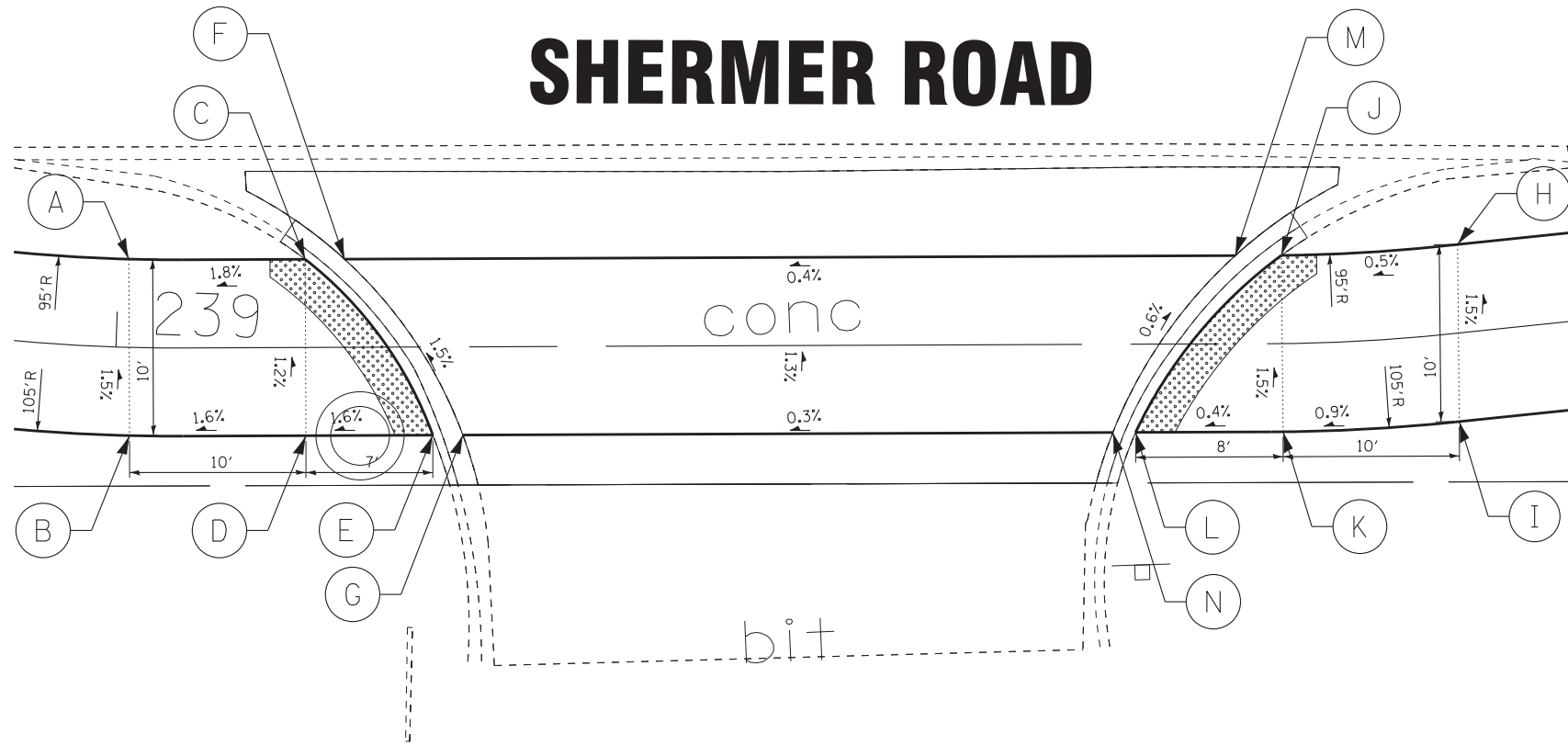
ADA SIDEWALK RAMP DETAIL

SCALE: 1" = 5'

STA. TO STA.

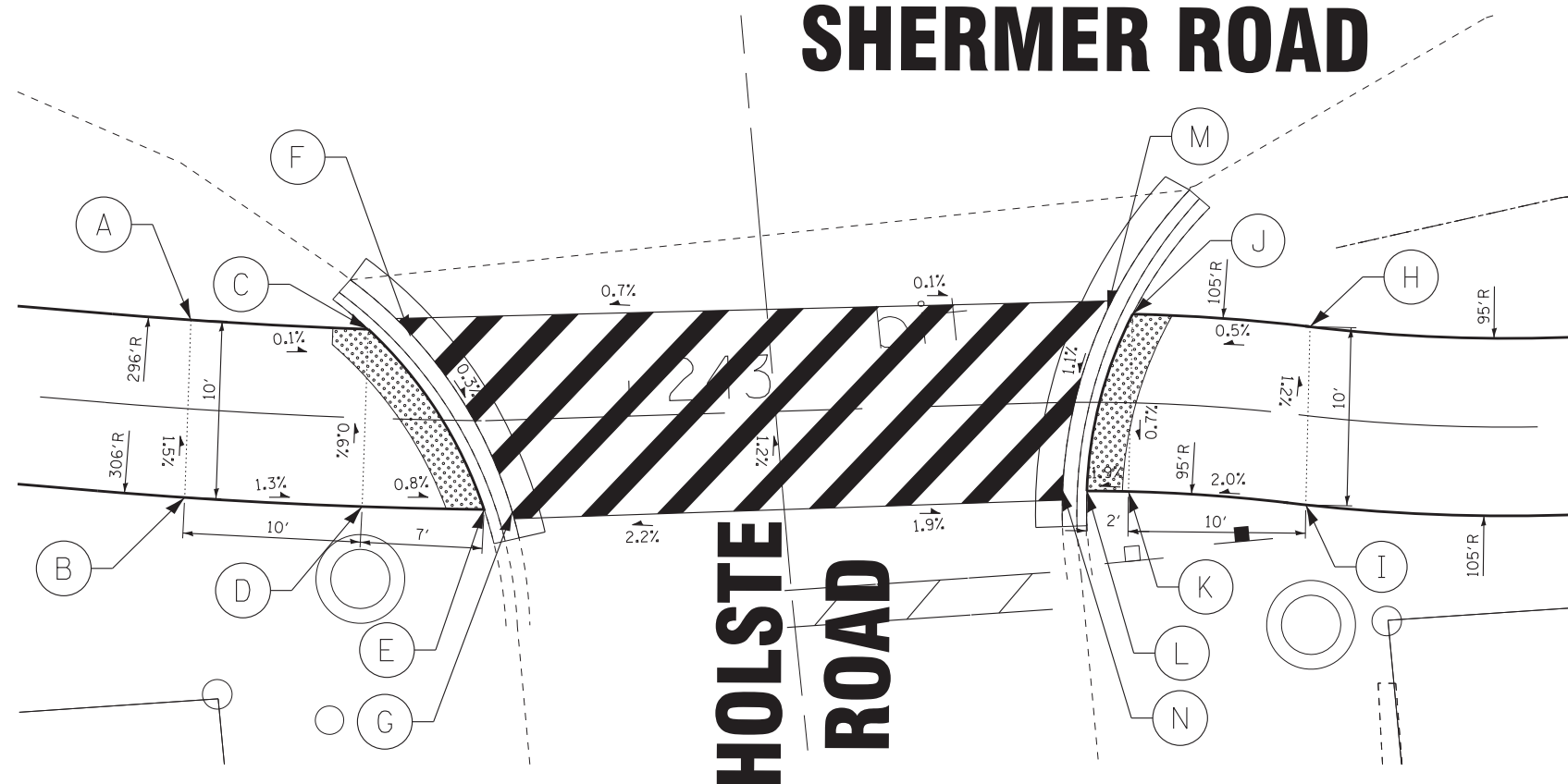
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	36
CONTRACT NO. 61F06			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

SHERMER ROAD



	STATION	OFFSET	ELEVATION
A	239+00.6	5.00' LT	646.15
B	239+00.9	5.00' RT	646.30
C	239+10.8	5.00' LT	646.34
D	239+10.8	5.00' RT	646.46
E	239+17.9	5.00' RT	646.52
F	239+13.0	5.00' LT	646.30
G	239+19.7	5.00' RT	646.48
H	239+76.6	5.00' LT	646.60
I	239+75.7	5.00' RT	646.75
J	239+66.1	5.00' LT	646.55
K	239+66.1	5.00' RT	646.66
L	239+57.8	5.00' RT	646.63
M	239+63.5	5.00' LT	646.51
N	239+56.5	5.00' RT	646.59

SHERMER ROAD



	STATION	OFFSET	ELEVATION
A	242+74.9	5.00' LT	647.78
B	242+75.2	5.00' RT	647.93
C	242+85.1	5.00' LT	647.77
D	242+85.1	5.00' RT	647.80
E	242+91.8	5.00' RT	647.75
F	242+87.2	5.12' LT	647.74
G	242+93.2	5.00' RT	647.71
H	243+37.7	5.00' LT	647.91
I	243+37.8	5.00' RT	648.03
J	243+28.2	5.00' LT	647.90
K	243+28.2	5.00' RT	647.83
L	243+25.7	5.00' RT	647.78
M	243+26.8	5.00' LT	647.86
N	243+24.3	5.00' RT	647.74

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23.sht_ADA_Sidewalk-2.dgn

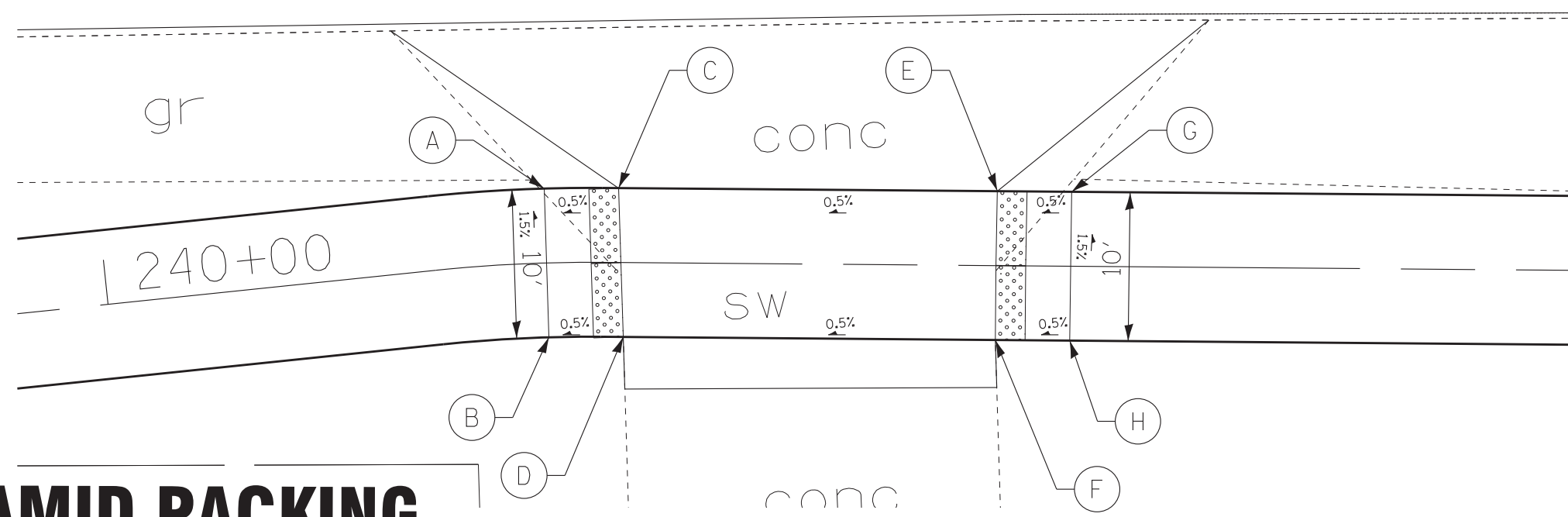
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAIL

SCALE: 1" = 5'
 STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	37
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

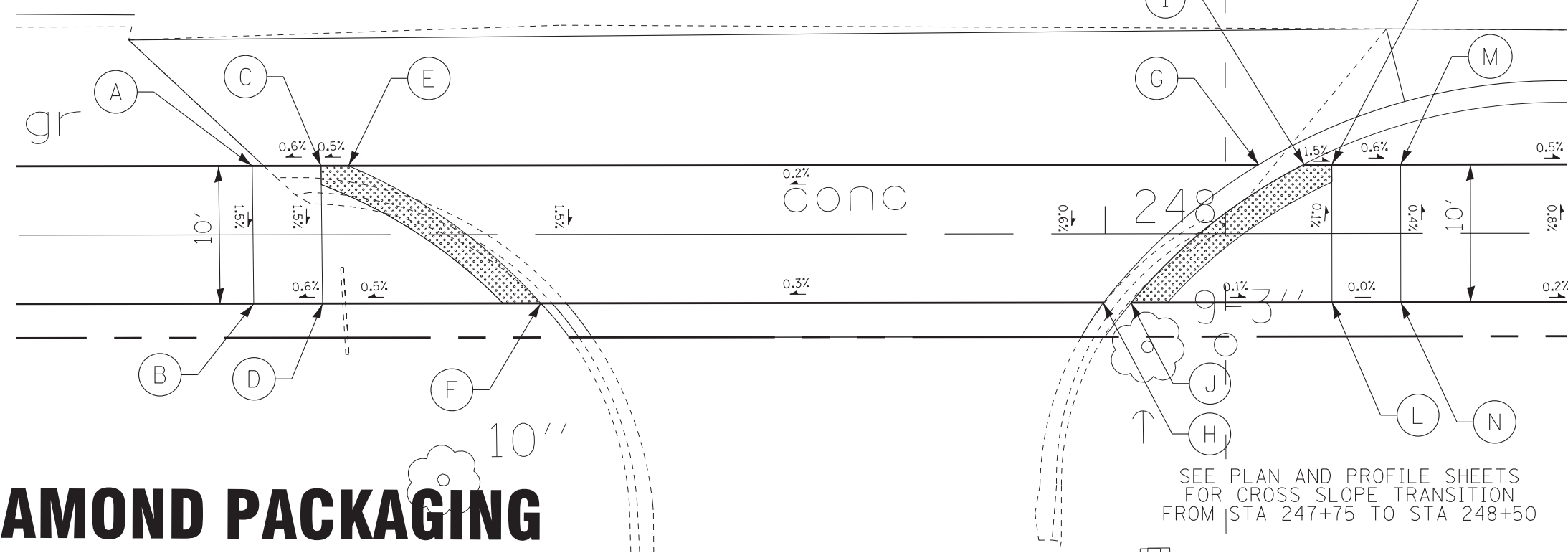
SHERMER ROAD



PYRAMID PACKING

	STATION	OFFSET	ELEVATION
A	240+29.6	5.00' LT	646.85
B	240+29.6	5.00' RT	647.00
C	240+34.6	5.00' LT	646.88
D	240+34.6	5.00' RT	647.03
E	240+59.9	5.00' LT	646.99
F	240+59.9	5.00' RT	647.14
G	240+64.9	5.00' LT	647.02
H	240+64.9	5.00' RT	647.17

SHERMER ROAD



DIAMOND PACKAGING

	STATION	OFFSET	ELEVATION
A	247+38.0	5.00' LT	649.74
B	247+38.0	5.00' RT	649.59
C	247+43.0	5.00' LT	649.77
D	247+43.0	5.00' RT	649.62
E	247+45.0	5.00' LT	649.78
F	247+59.0	5.00' RT	649.70
G	248+11.2	5.00' LT	649.85
H	247+99.8	5.00' RT	649.84
I	248+14.5	5.00' LT	649.87
J	248+01.9	5.00' RT	649.86
K	248+16.5	5.00' LT	649.84
L	248+16.5	5.00' RT	649.85
M	248+21.5	5.00' LT	649.81
N	248+21.5	5.00' RT	649.85

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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BAXTER & WOODMAN Consulting Engineers	DESIGNED - JBT	REVISED -
	DRAWN - MAC	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

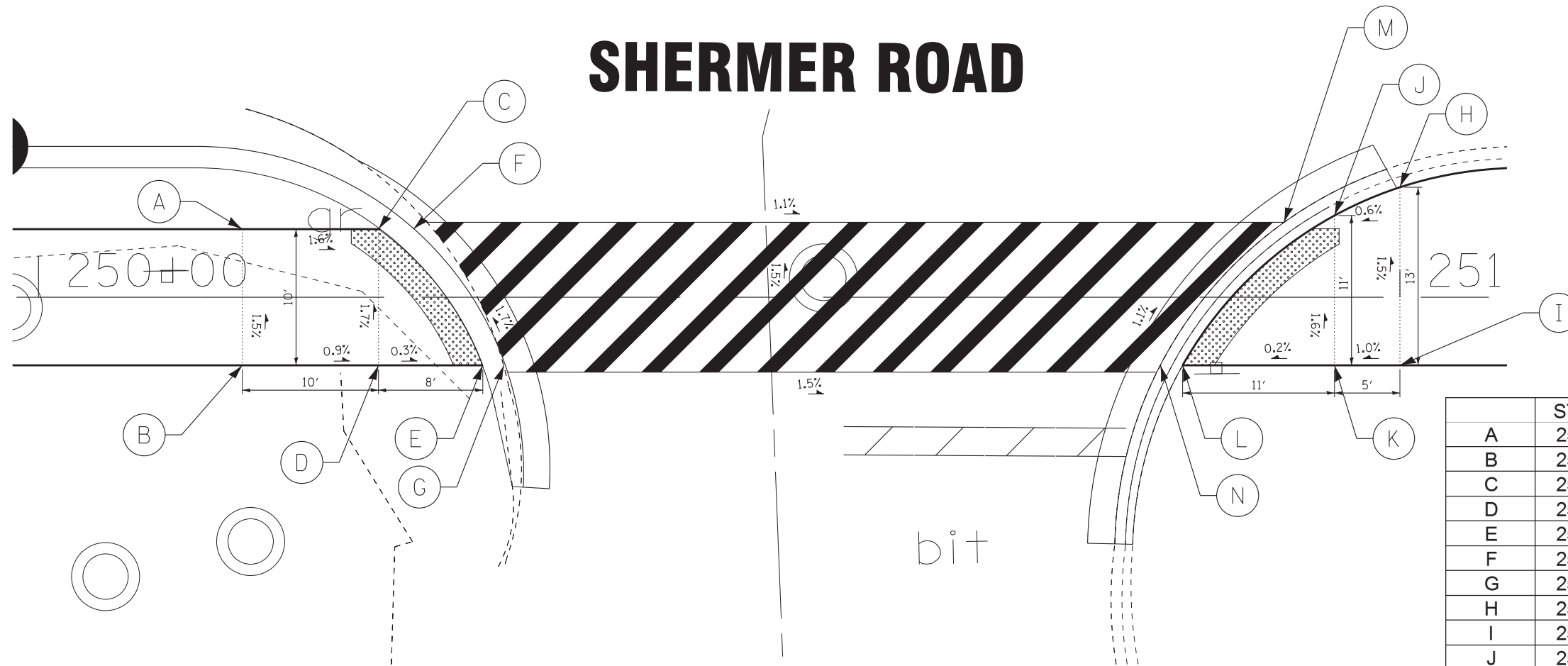
ADA SIDEWALK RAMP DETAIL

SCALE: 1" = 5'

STA. TO STA.

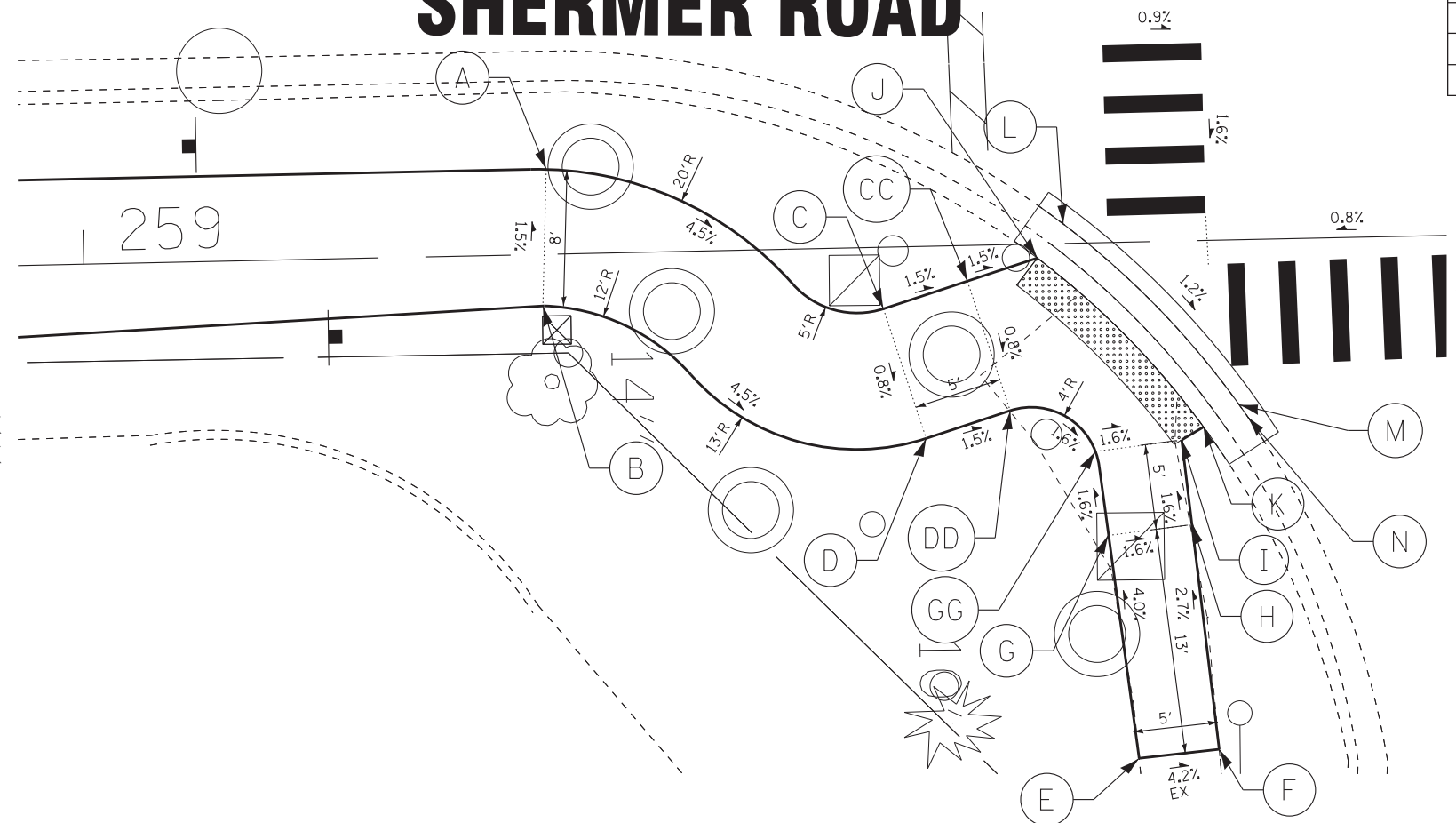
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	38
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

SHERMER ROAD



	STATION	OFFSET	ELEVATION
A	250+15.0	5.00' LT	647.24
B	250+15.0	5.00' RT	647.39
C	250+25.0	5.00' LT	647.13
D	250+25.0	5.00' RT	647.30
E	250+32.6	5.00' RT	647.28
F	250+27.5	5.00' LT	647.09
G	250+34.2	5.00' RT	647.24
H	251+05.0	9.22' LT	646.43
I	251+05.1	5.00' RT	646.63
J	250+99.8	8.00' LT	646.40
K	250+99.9	5.00' RT	646.58
L	250+84.0	5.00' RT	646.56
M	250+91.5	5.50' LT	646.36
N	250+82.4	5.00' RT	646.52

SHERMER ROAD



	STATION	OFFSET	ELEVATION
A	259+27.0	5.00' LT	650.96
B	259+27.0	3.00' RT	651.11
C	259+46.8	3.61' RT	650.02
CC	259+51.8	2.09' RT	649.94
D	259+49.2	11.26' RT	649.97
DD	259+54.1	9.73' RT	649.89
E	259+61.3	30.30' RT	650.29
F	259+66.0	29.80' RT	650.08
G	259+59.7	17.18' RT	649.88
GG	259+59.1	12.25' RT	649.80
H	259+64.7	16.64' RT	649.80
I	259+64.1	11.67' RT	649.72
J	259+55.9	0.82' RT	649.88
K	259+65.5	10.91' RT	649.70
L	259+57.5	1.14' LT	649.84
M	259+67.6	9.71' RT	649.66
N	259+68.1	10.40' RT	649.65

WILLOW ROAD

BAXTER & WOODMAN
Consulting Engineers

DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 7-25-18	FILE - 160009-23_sht_ADA_Sidewalk-3.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAIL

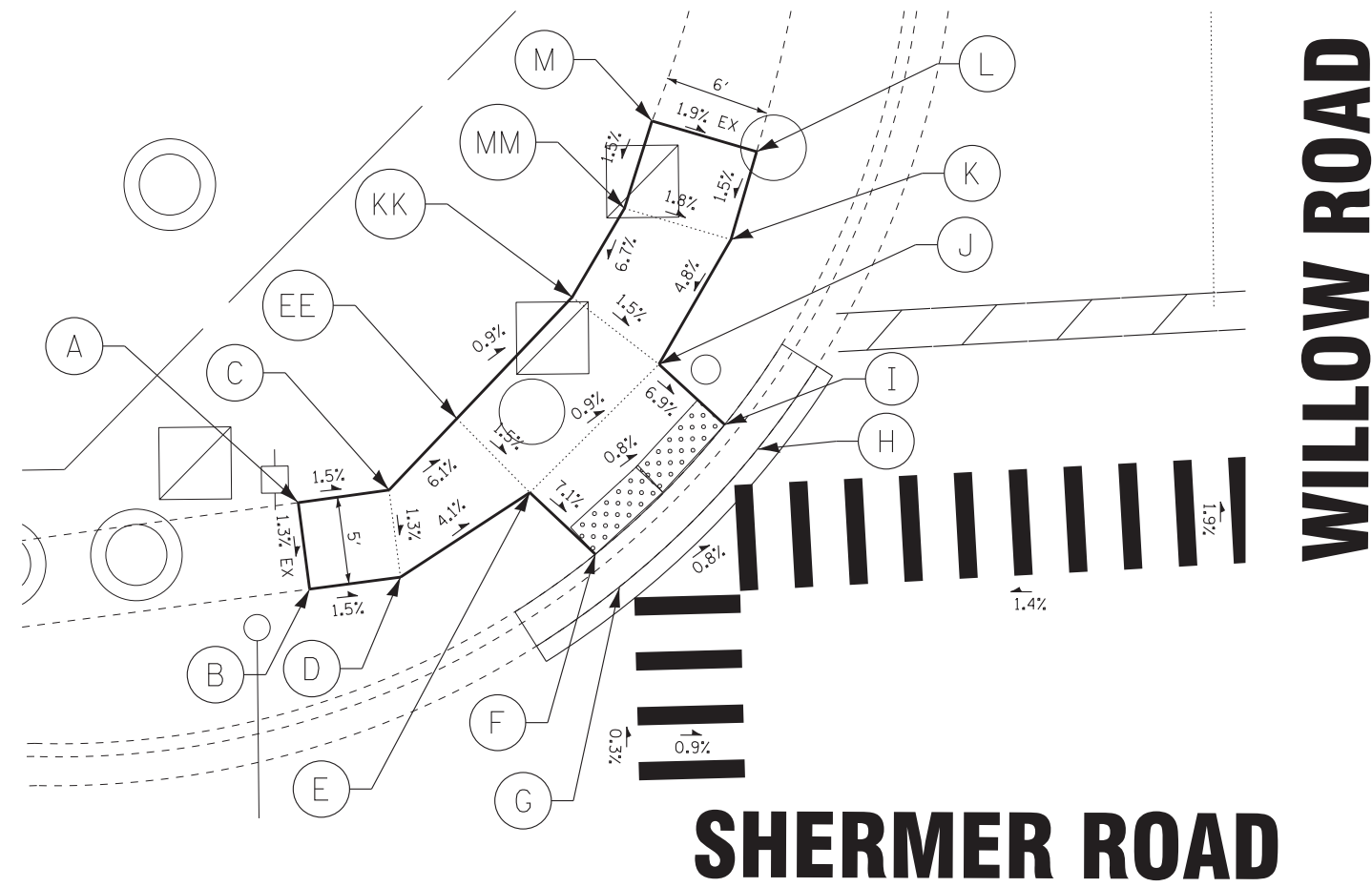
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STA. TO STA.

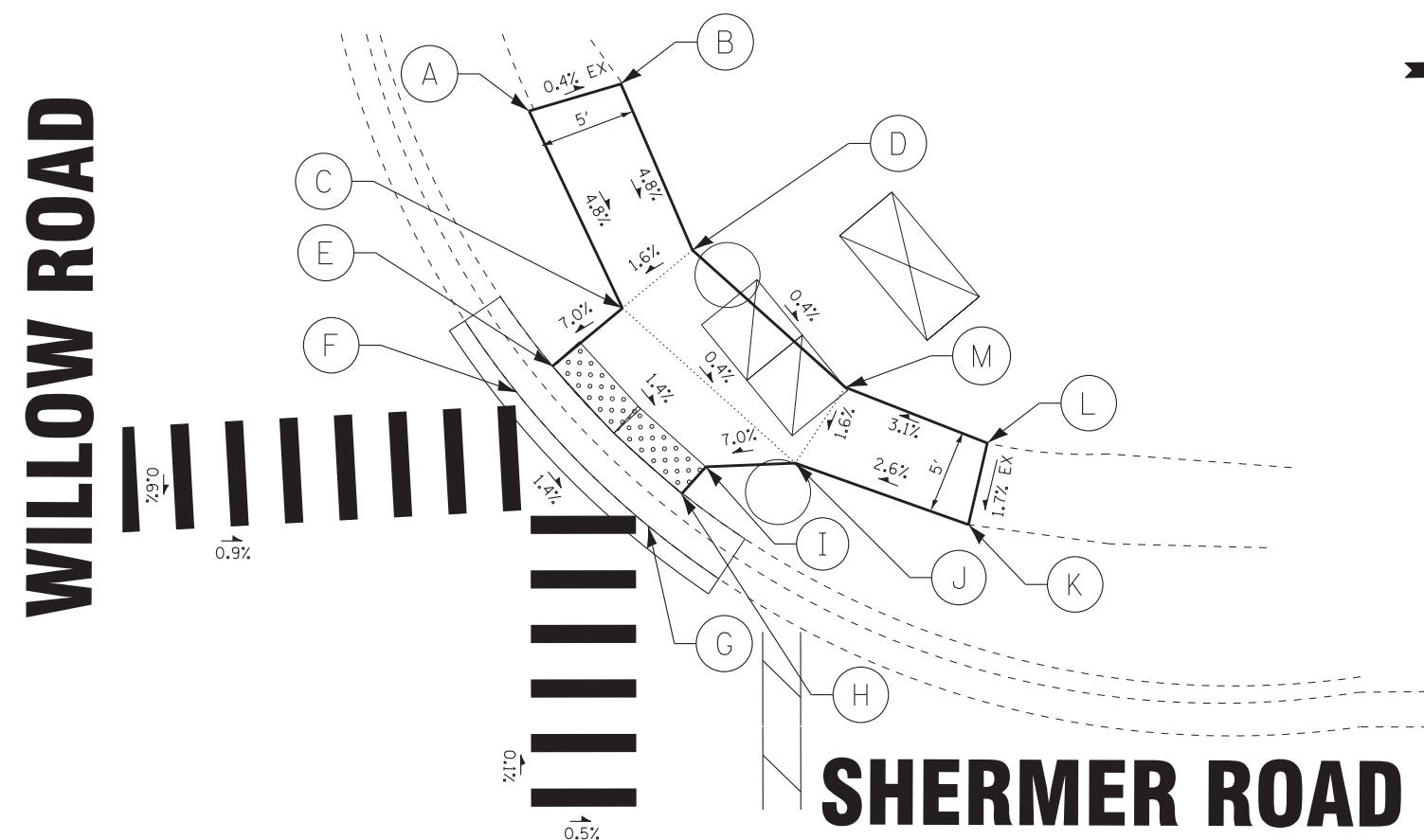
O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	39
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

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	STATION	OFFSET	ELEVATION	
A	259+41.4	92.12' LT	651.22	EX
B	259+41.9	87.38' LT	651.16	EX
C	259+46.9	92.70' LT	651.15	
D	259+46.9	87.93' LT	651.09	
E	259+54.0	92.40' LT	650.74	
EE	259+50.1	96.44' LT	650.82	
F	259+57.5	89.00' LT	650.39	
G	259+58.9	87.20' LT	650.35	
H	259+66.5	94.44' LT	650.27	
I	259+64.8	95.88' LT	650.31	
J	259+61.2	99.26' LT	650.65	
K	259+65.3	106.00' LT	651.03	
KK	259+56.4	102.77' LT	650.74	
L	259+66.8	110.76' LT	651.10	EX
M	259+61.1	112.55' LT	651.21	EX
MM	259+59.5	107.81' LT	651.14	



	STATION	OFFSET	ELEVATION	
A	260+54.2	111.75' LT	650.87	EX
B	260+59.3	113.13' LT	650.85	EX
C	260+59.2	100.80' LT	650.29	
D	260+63.1	103.90' LT	650.37	
E	260+55.2	97.69' LT	649.94	
F	260+53.3	96.20' LT	649.94	
G	260+60.5	88.59' LT	649.80	
H	260+62.2	90.55' LT	649.80	
I	260+63.5	91.98' LT	649.89	
J	260+68.5	92.07' LT	650.24	
K	260+77.9	88.49' LT	650.50	EX
L	260+79.1	92.96' LT	650.58	EX
M	260+71.3	96.18' LT	650.32	



DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
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DATE - 7-25-18	FILE - 160009-23_sht_ADA_Sidewalk-4.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

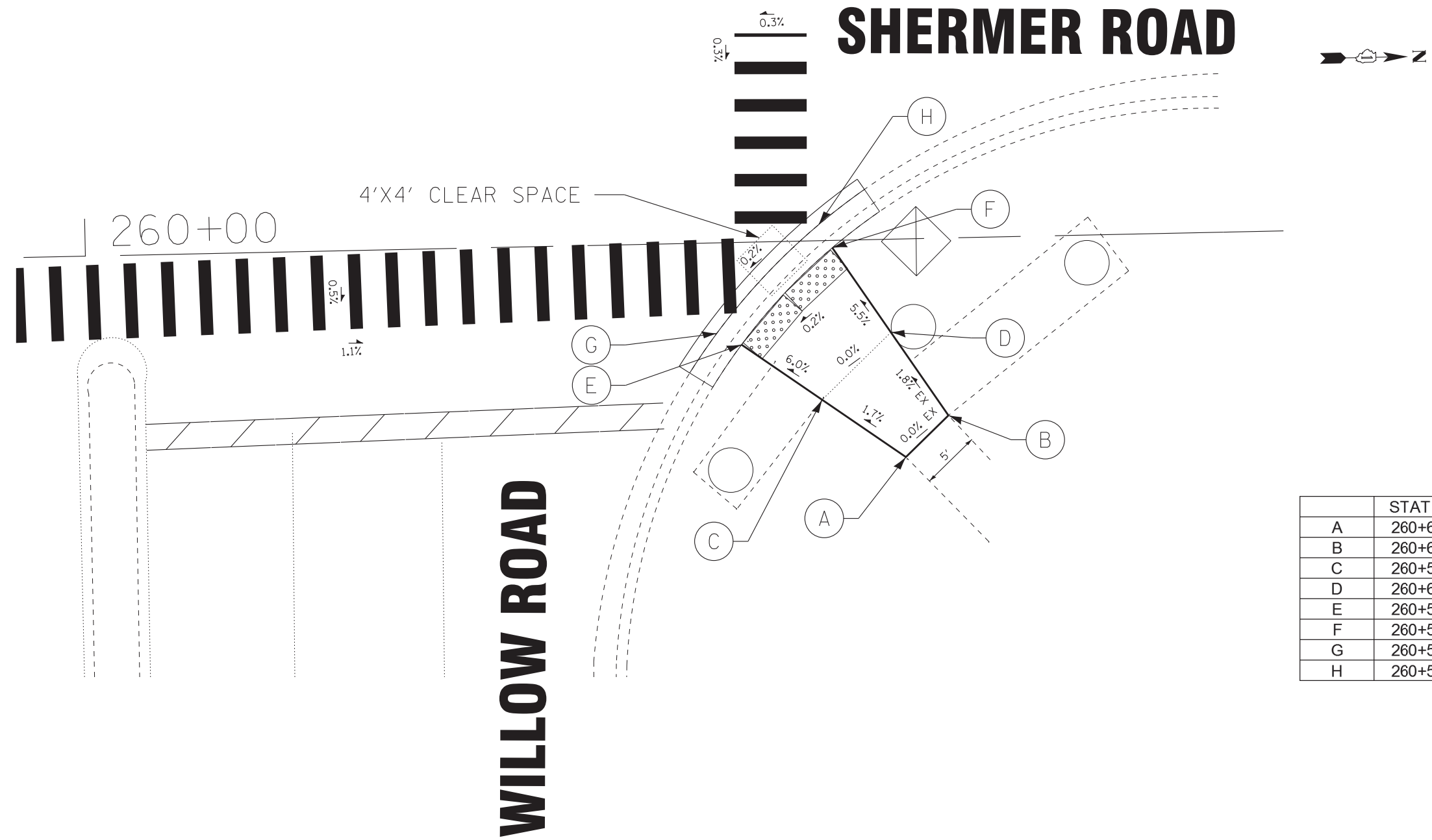
ADA SIDEWALK RAMP DETAIL

SCALE: 1" = 5'

STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	40
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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	STATION	OFFSET	ELEVATION	
A	260+65.5	17.51' RT	650.04	EX
B	260+68.9	14.24' RT	650.04	EX
C	260+59.0	12.63' RT	649.89	EX
D	260+64.5	7.46' RT	649.89	
E	260+52.5	8.21' RT	649.42	
F	260+59.9	0.64' RT	649.44	
G	260+50.8	6.89' RT	649.38	
H	260+58.6	1.05' LT	649.40	



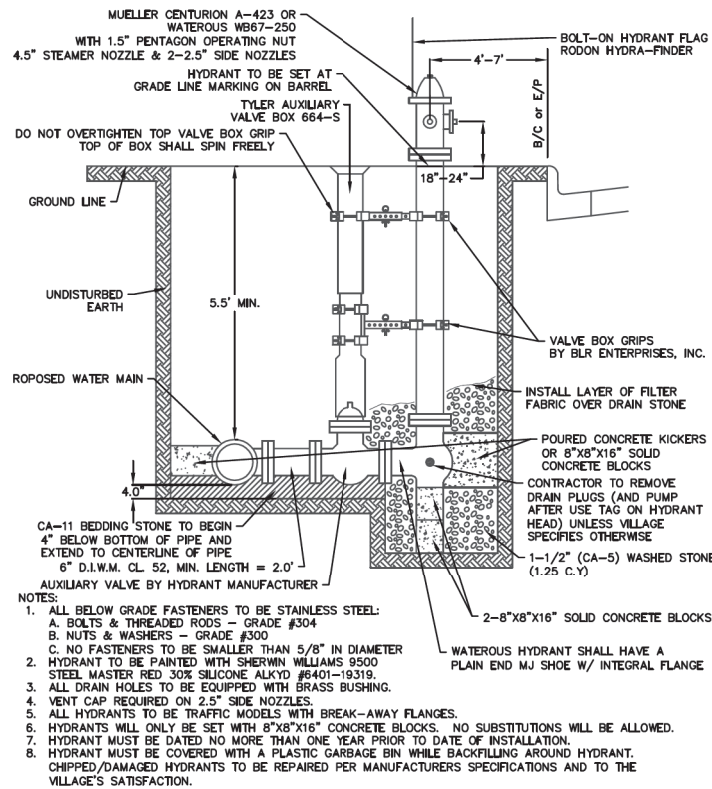
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

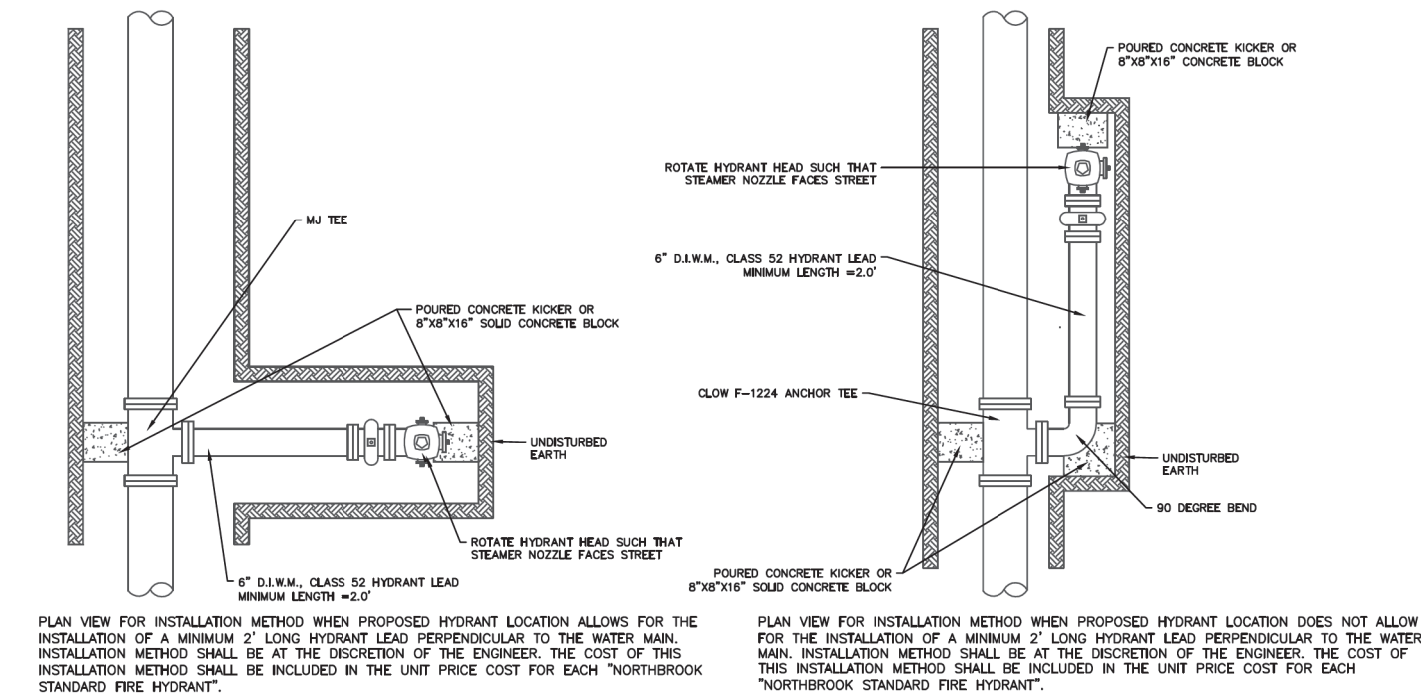
ADA SIDEWALK RAMP DETAIL

SCALE: 1" = 5' STA. TO STA.

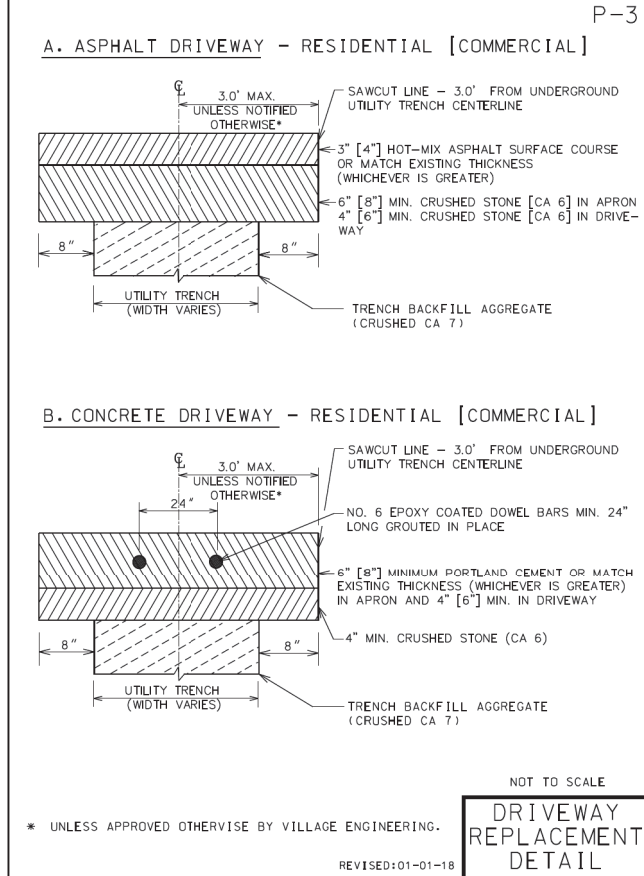
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



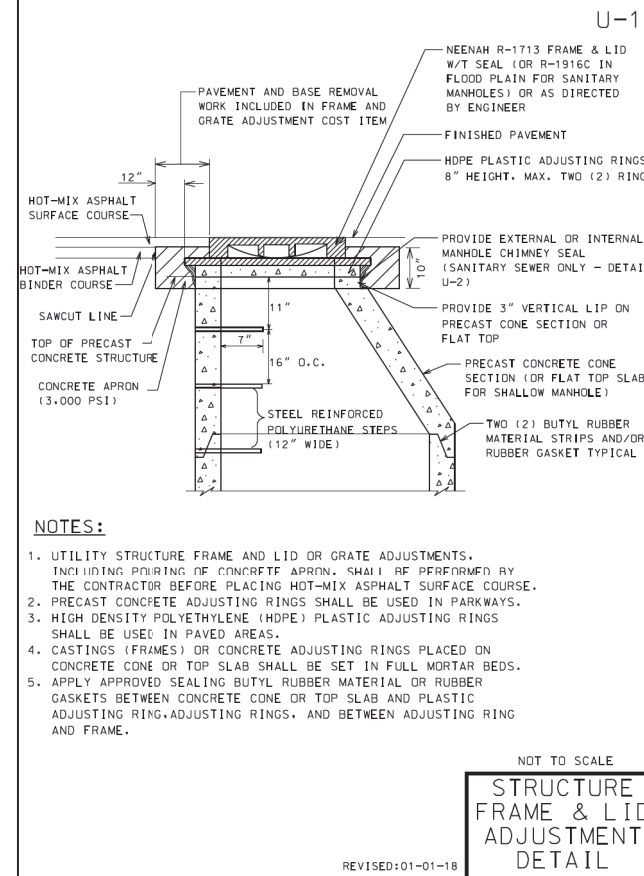
NORTHBROOK STANDARD FIRE HYDRANT DETAIL



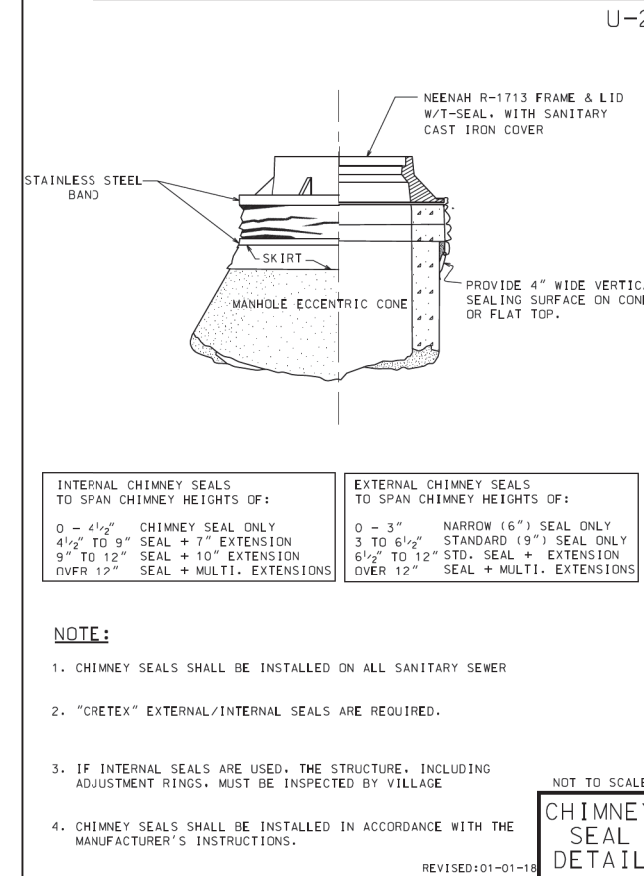
NORTHBROOK STANDARD FIRE HYDRANT DETAIL



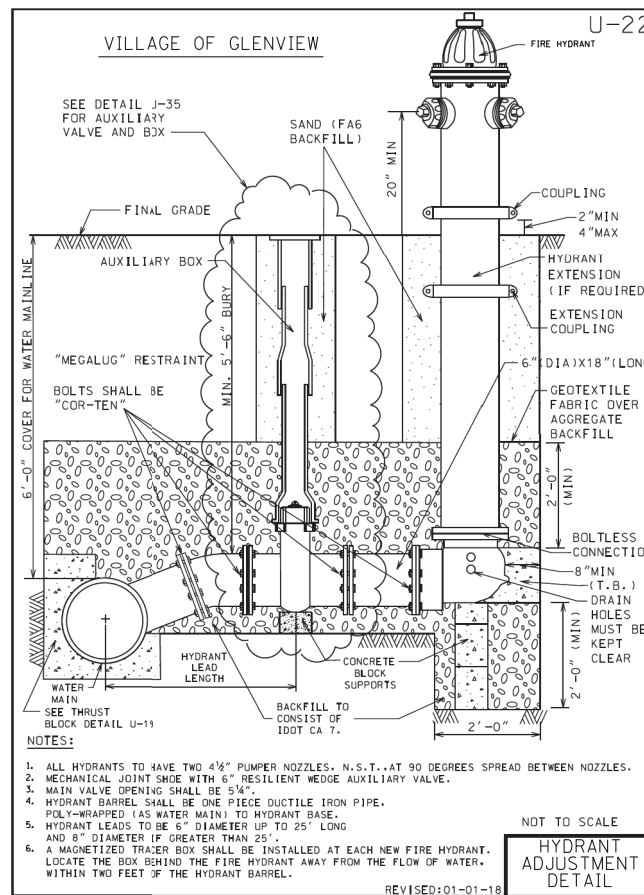
DRIVEWAY REPLACEMENT DETAIL



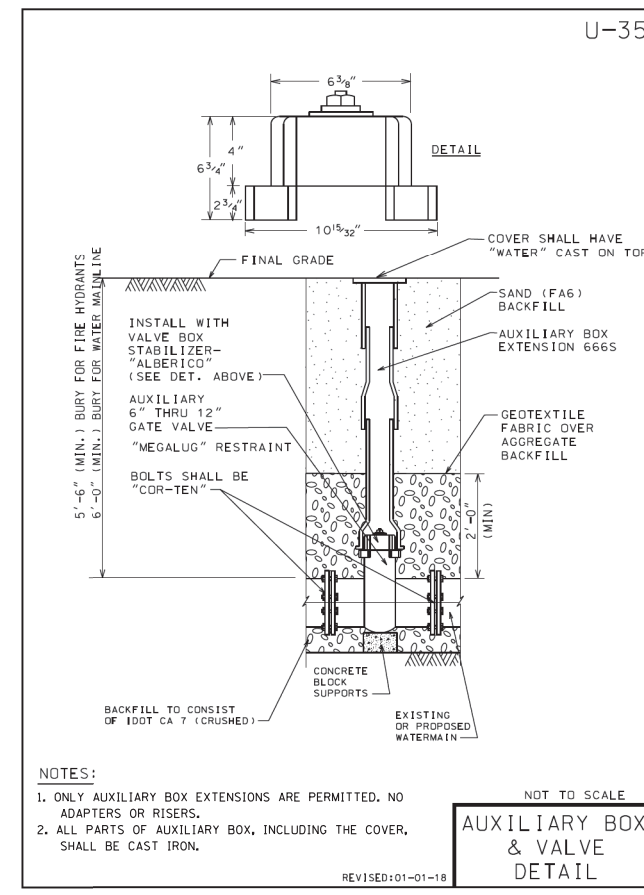
STRUCTURE FRAME & LID ADJUSTMENT DETAIL



CHIMNEY SEAL DETAIL



HYDRANT ADJUSTMENT DETAIL



AUXILIARY BOX & VALVE DETAIL

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM LICENSE NO. 184-00121 - EXPIRES 4/30/2019
 BAXTER & WOODMAN Consulting Engineers
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DESIGNED -	JBT	REVISED -	
DRAWN -	MAC	REVISED -	
CHECKED -	TLH	REVISED -	
DATE -	7-25-18	FILE -	160009-23_sht_VillageDet.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE: NONE

STA.

TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	42
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

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

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

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

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

18" (450) MAX.

1/4" (5) **

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

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

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

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

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

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

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

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

BASIS OF PAYMENT:

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

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

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

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY. SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

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

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

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

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

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

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

• O.R. RTE 0042

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...	...	DRAWN -	REVISED - A. ABBAS 03-21-97
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...	...	DATE - 03-11-94	REVISED - R. BORO 12-15-09

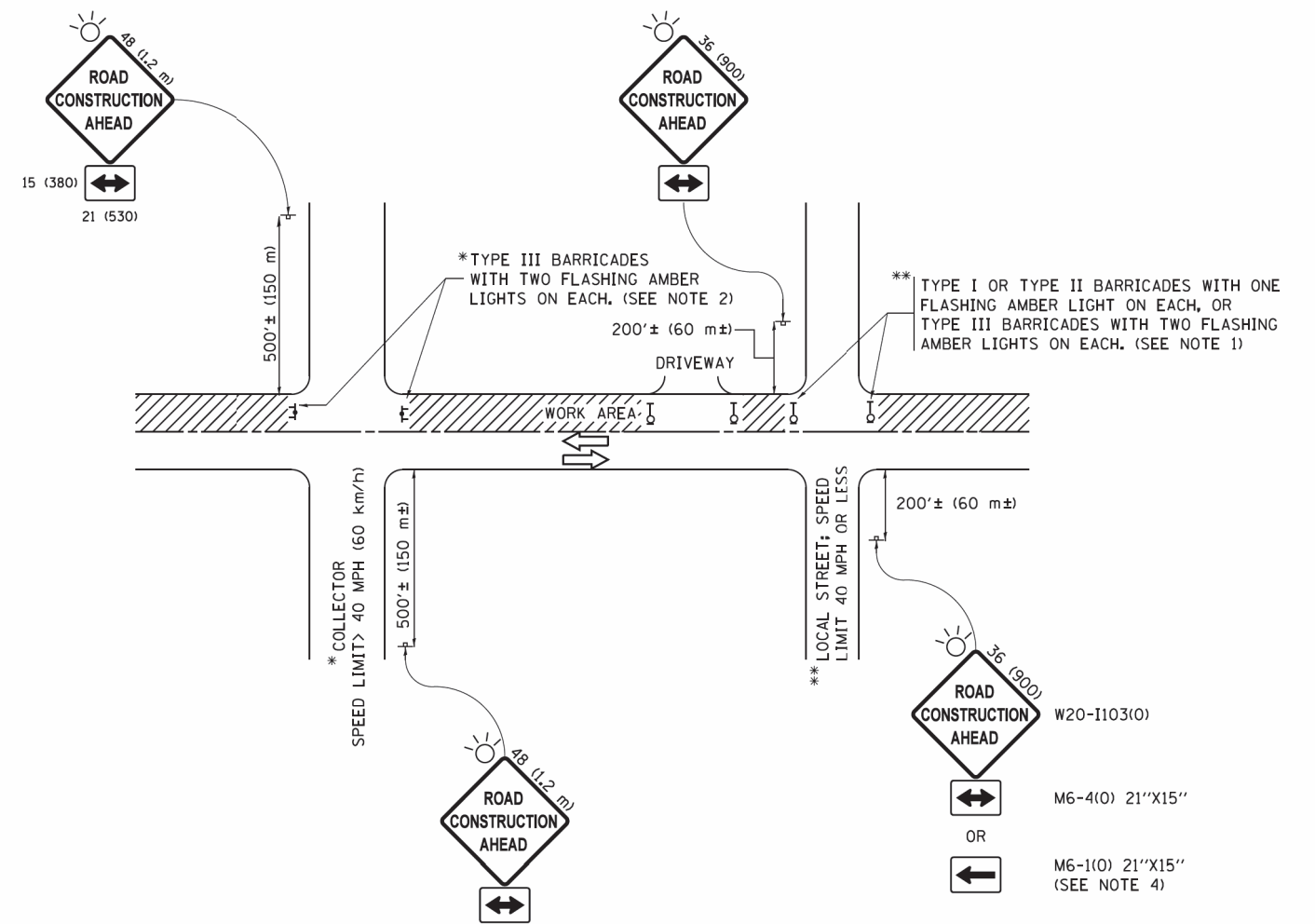
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00185-00-BT	COOK	61	43
BD600-06 (BD-24)		CONTRACT NO. 61F06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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NOTES:

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

All dimensions are in inches (millimeters) unless otherwise shown.
 * O.R. RTE 0042

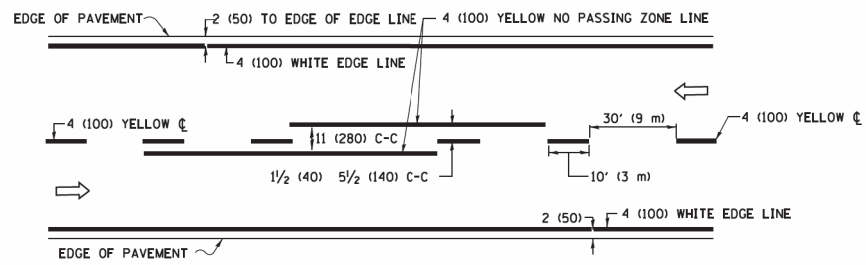
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

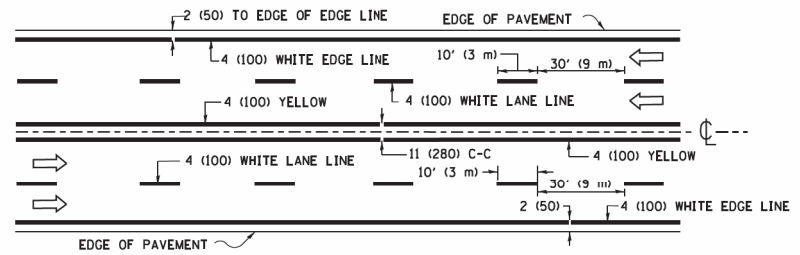
**TRAFFIC CONTROL AND PROTECTION FOR
 SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

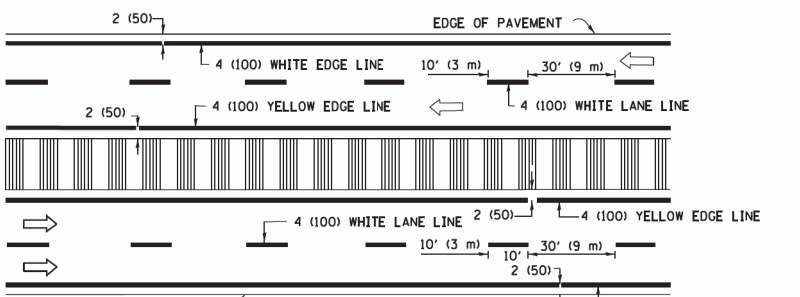
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00185-00-BT	COOK	61	44
TC-10		CONTRACT NO. 61F06	
ILLINOIS FED. AID PROJECT			



2-LANE ROADWAY

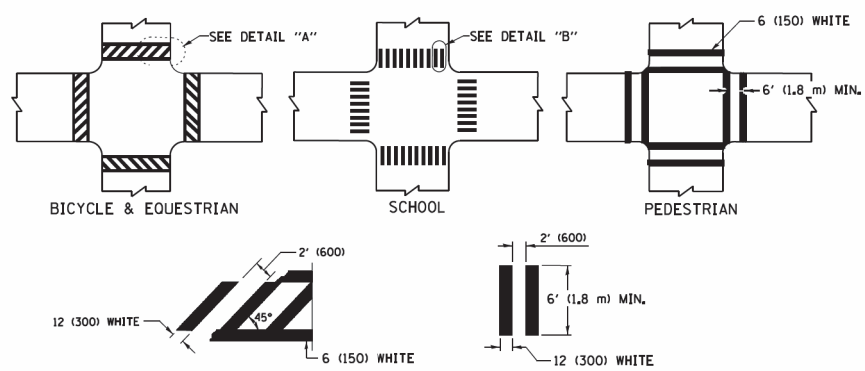


MULTI-LANE UNDIVIDED



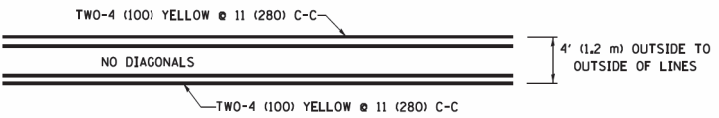
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

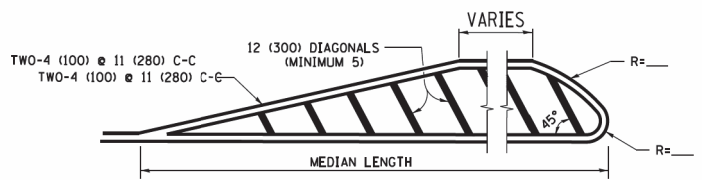


TYPICAL CROSSWALK MARKING

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

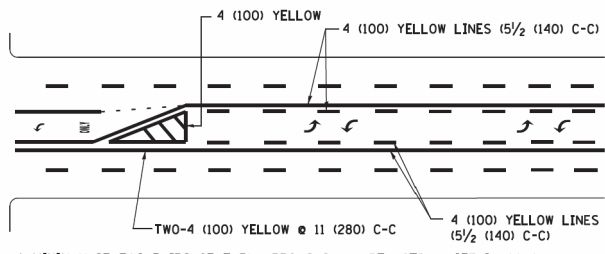


4' (1.2 m) WIDE MEDIANS ONLY

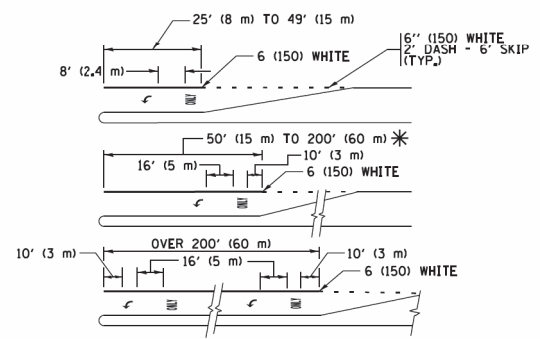


MEDIANS OVER 4' (1.2 m) WIDE

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

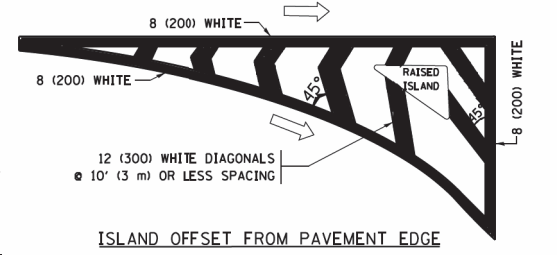


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

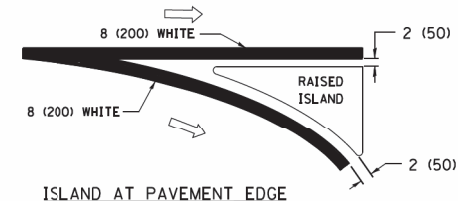


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

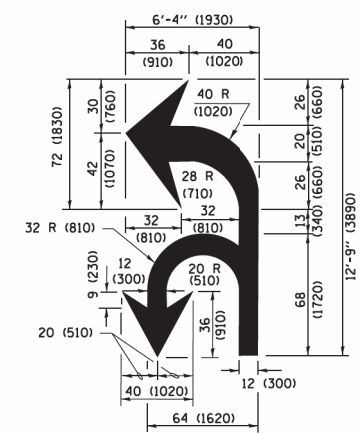
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



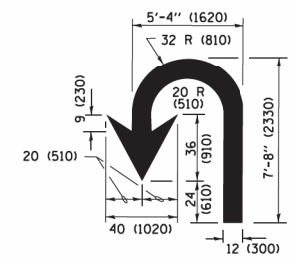
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

* O.R. RTE 0042

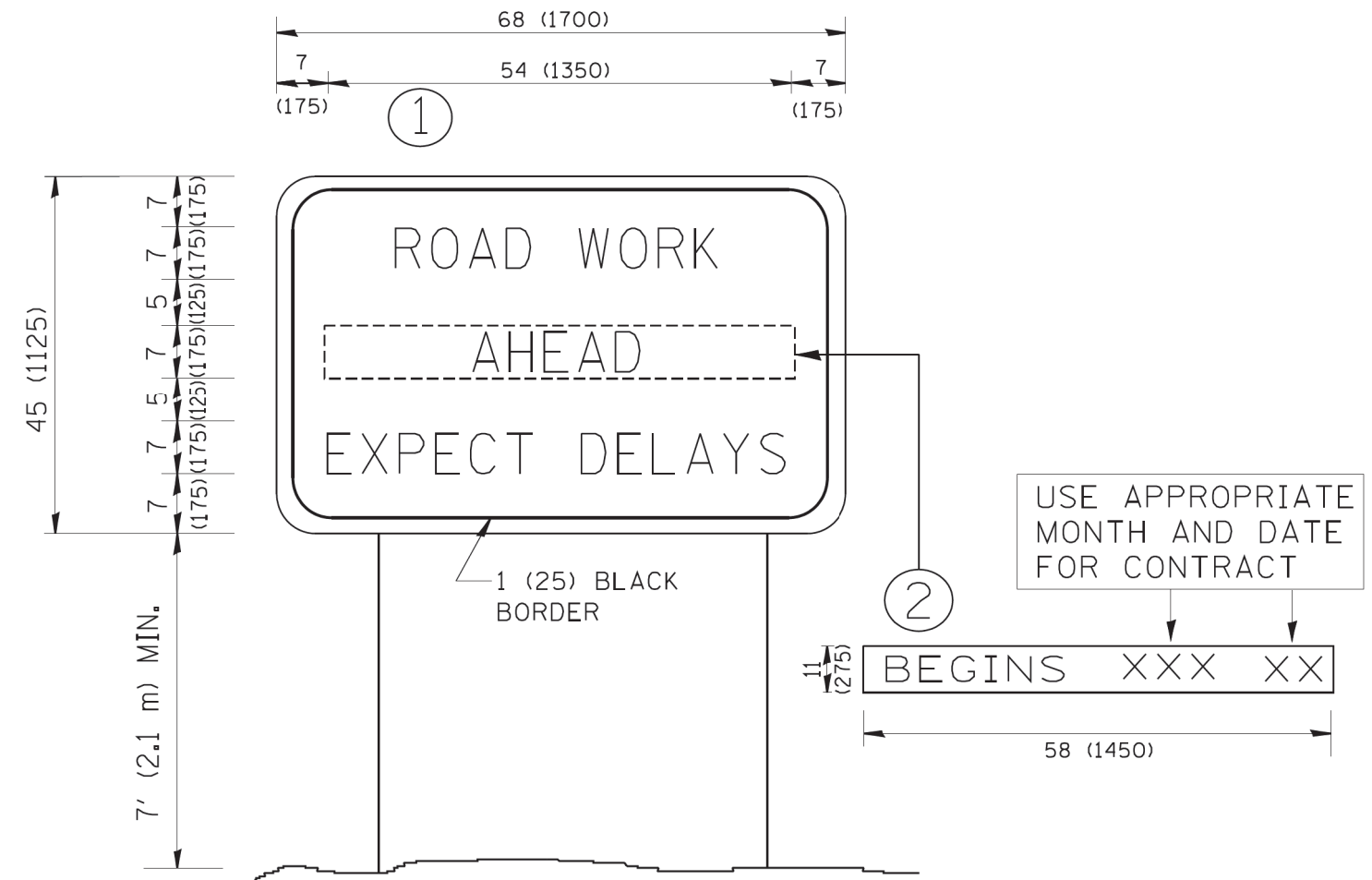
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 CHECKED - C. JUCIUS 07-01-13
 DATE - 03-19-90
 REVISIONS:
 1. 07-01-13 C. JUCIUS
 2. 12-21-15 C. JUCIUS
 3. 04-12-16 C. JUCIUS

FILE NAME =	USER NAME = luyaa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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Default	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		13-00185-00-BT	COOK	61	45
SCALE: NONE		TC-13	CONTRACT NO. 61F06	ILLINOIS/FED. AID PROJECT	
SHEET 1	OF 1 SHEETS	STA. TO STA.			

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NOTES:

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

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

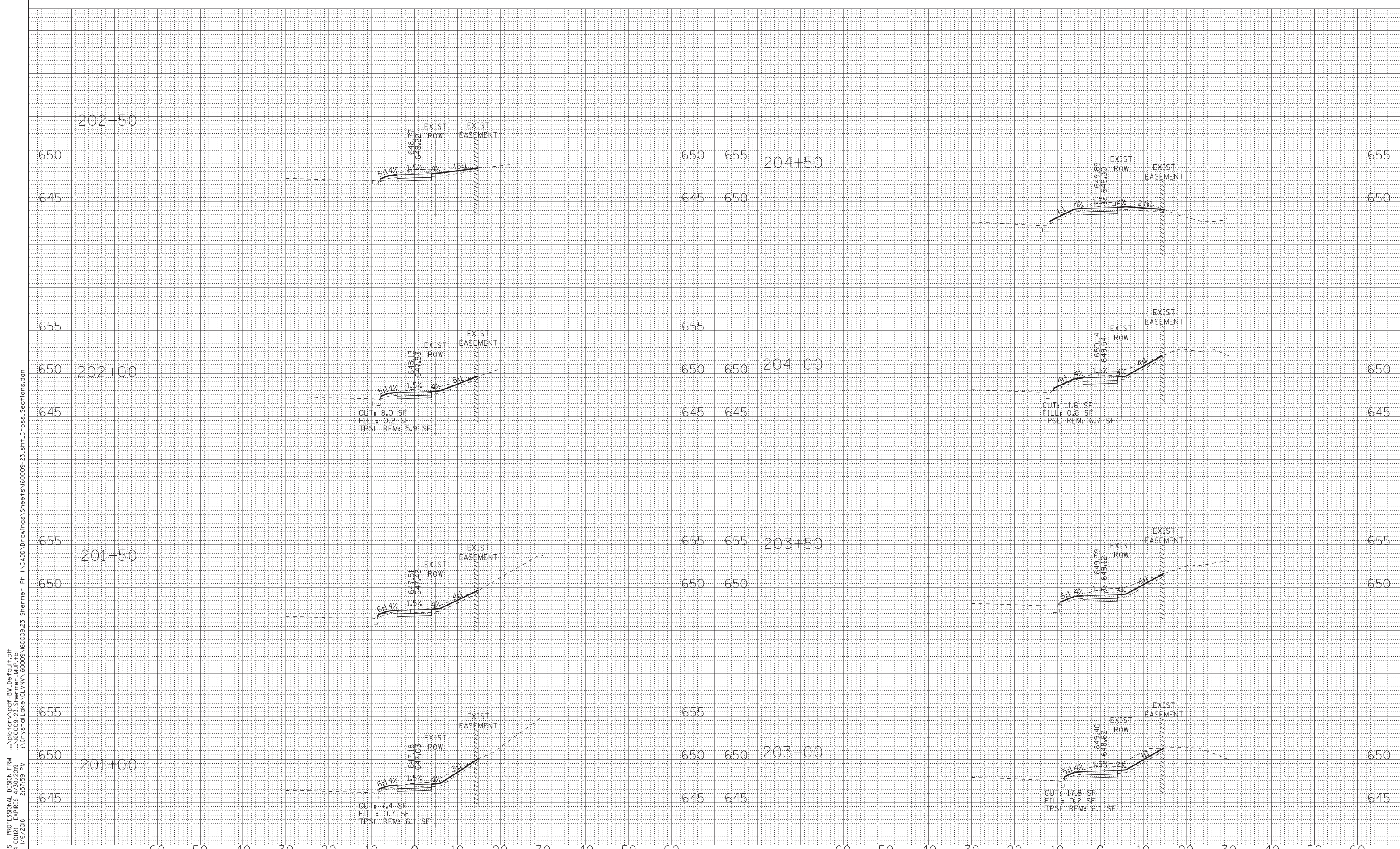
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	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00185-00-BT	TC-22	COOK	61	46
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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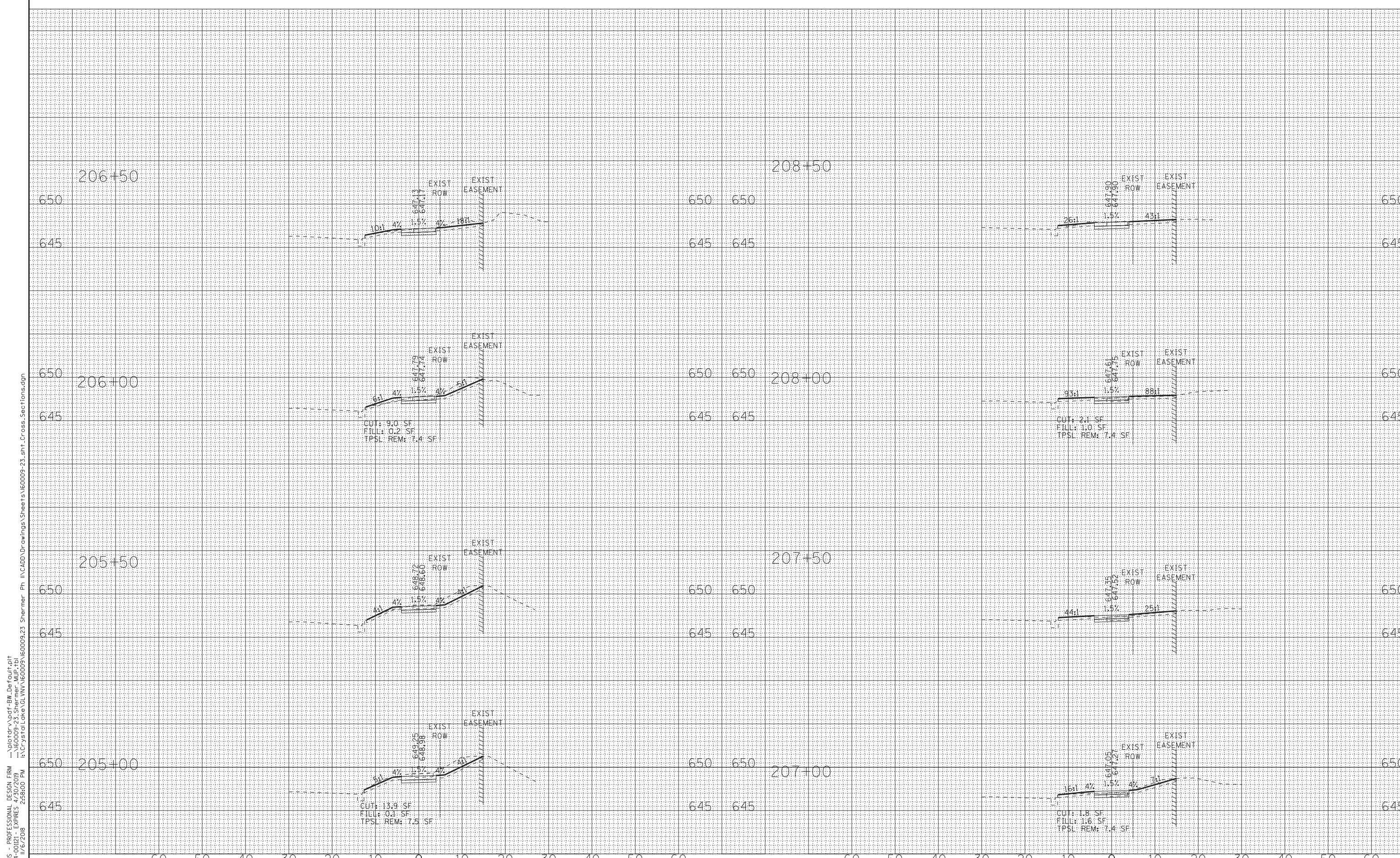
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 201+00 TO STA. 204+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	47
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
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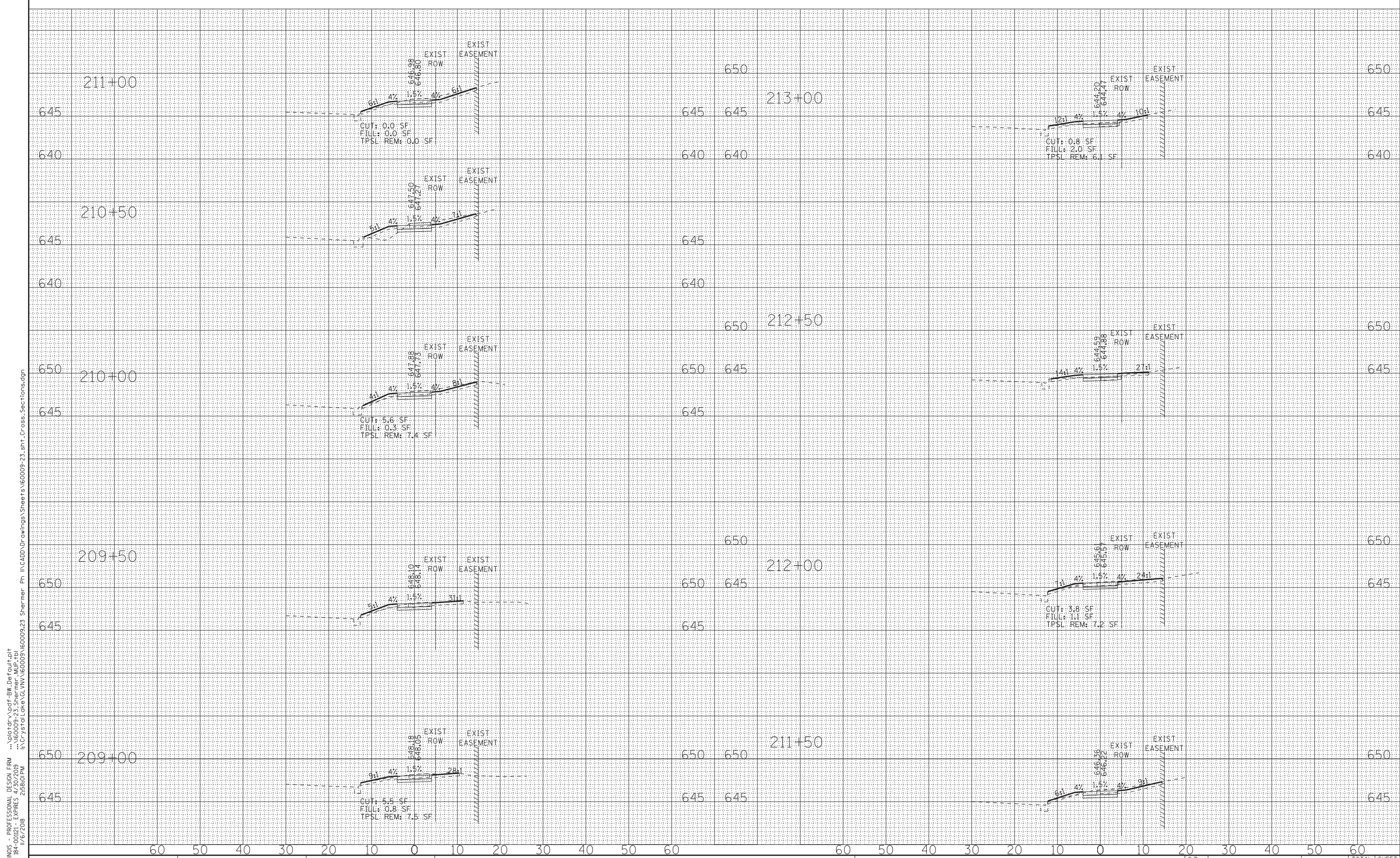
VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH

CROSS SECTIONS
SHERMER ROAD

SCALE: H: 1"=10' V: 1"=5'

STA. 205+00 TO STA. 208+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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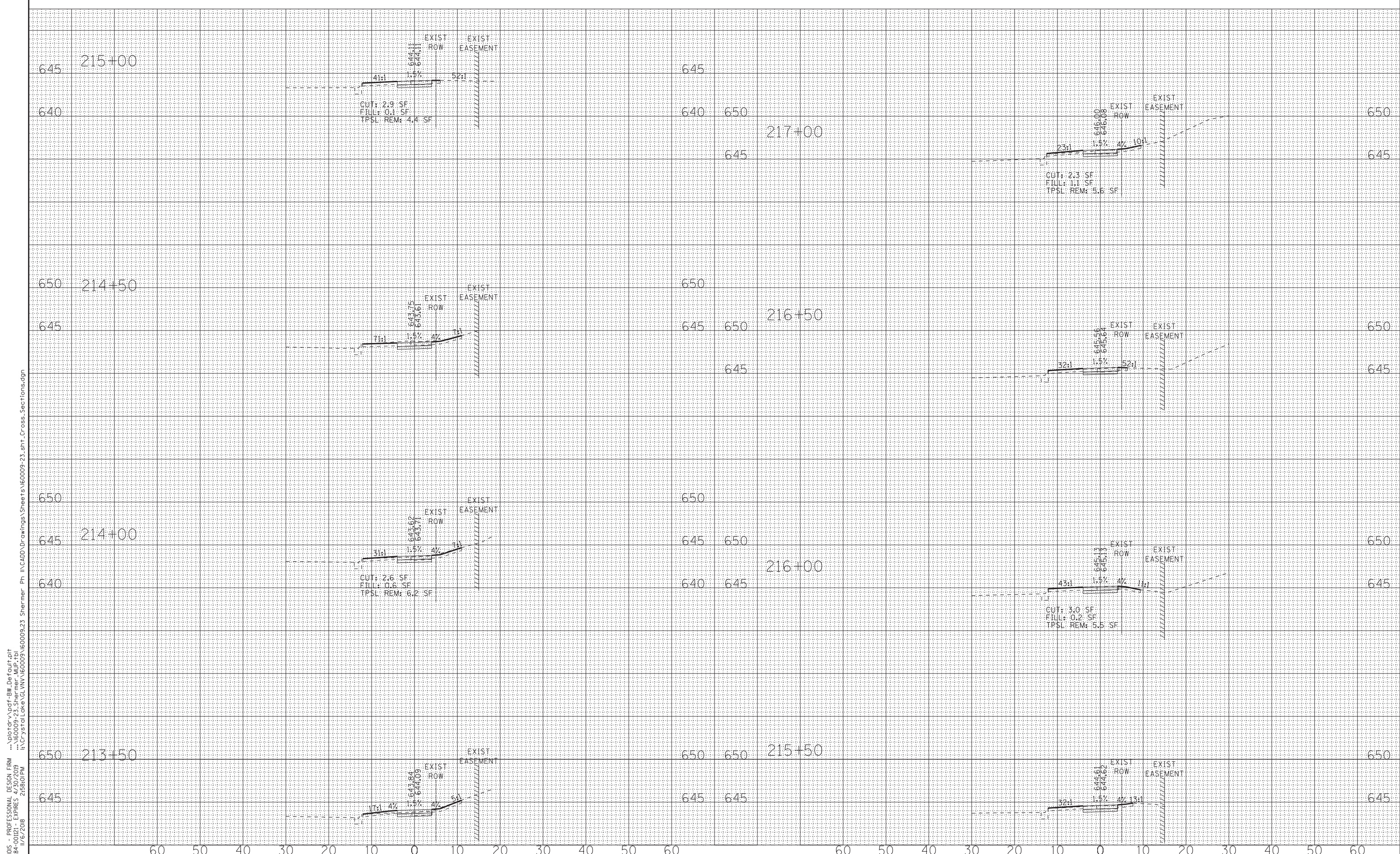
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 209+00 TO STA. 213+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

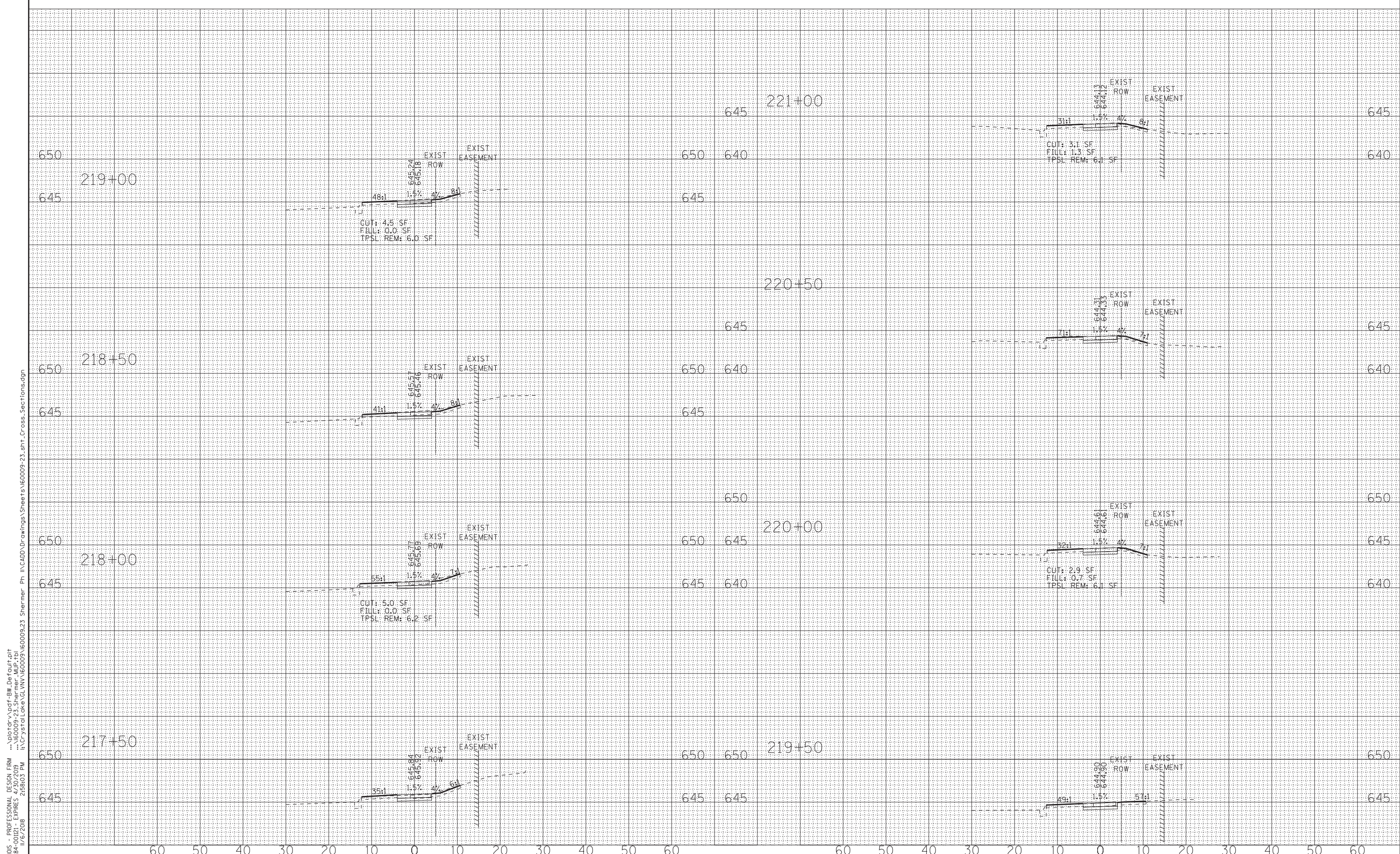
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 213+50 TO STA. 217+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	50
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
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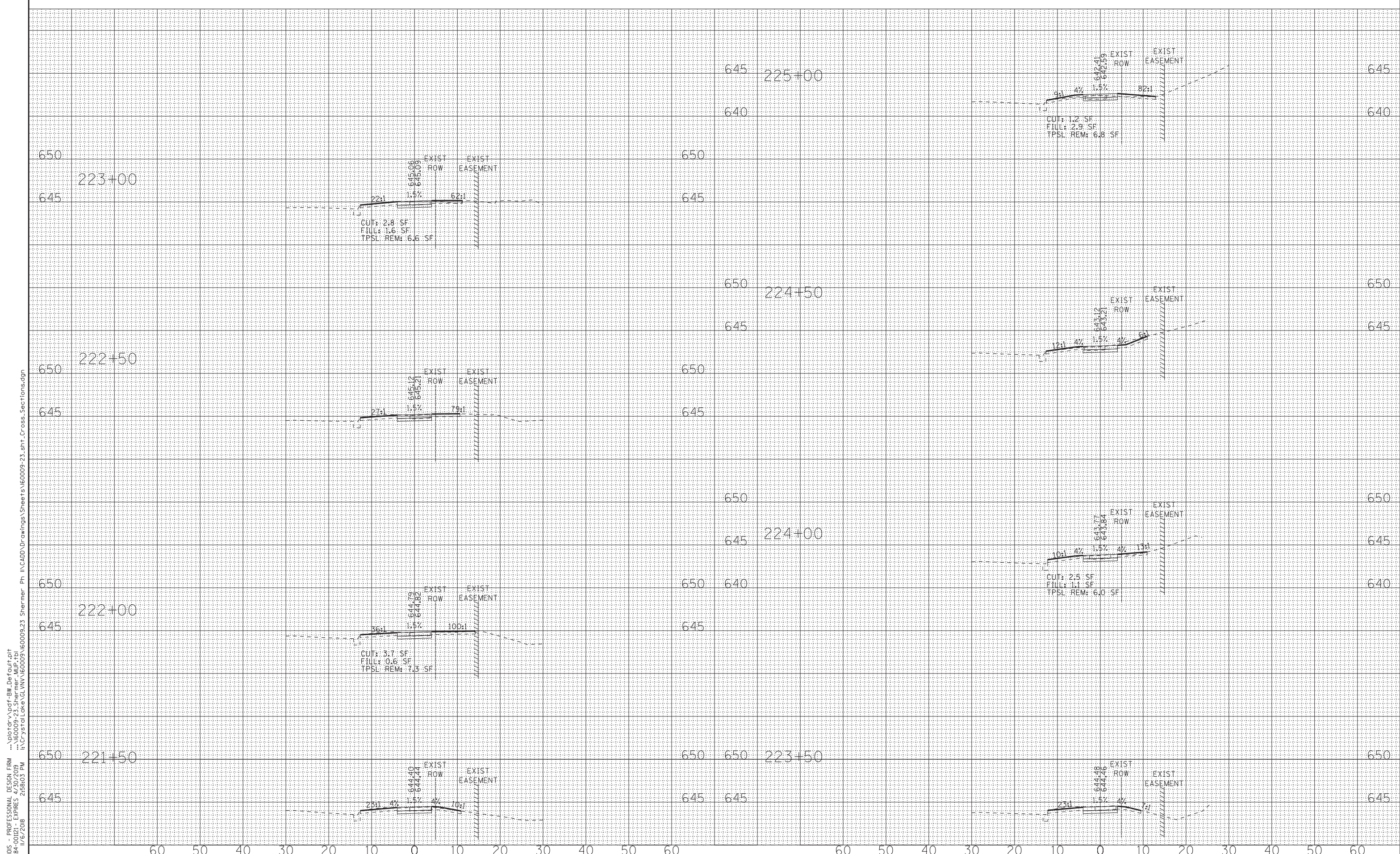
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 217+50 TO STA. 221+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	51
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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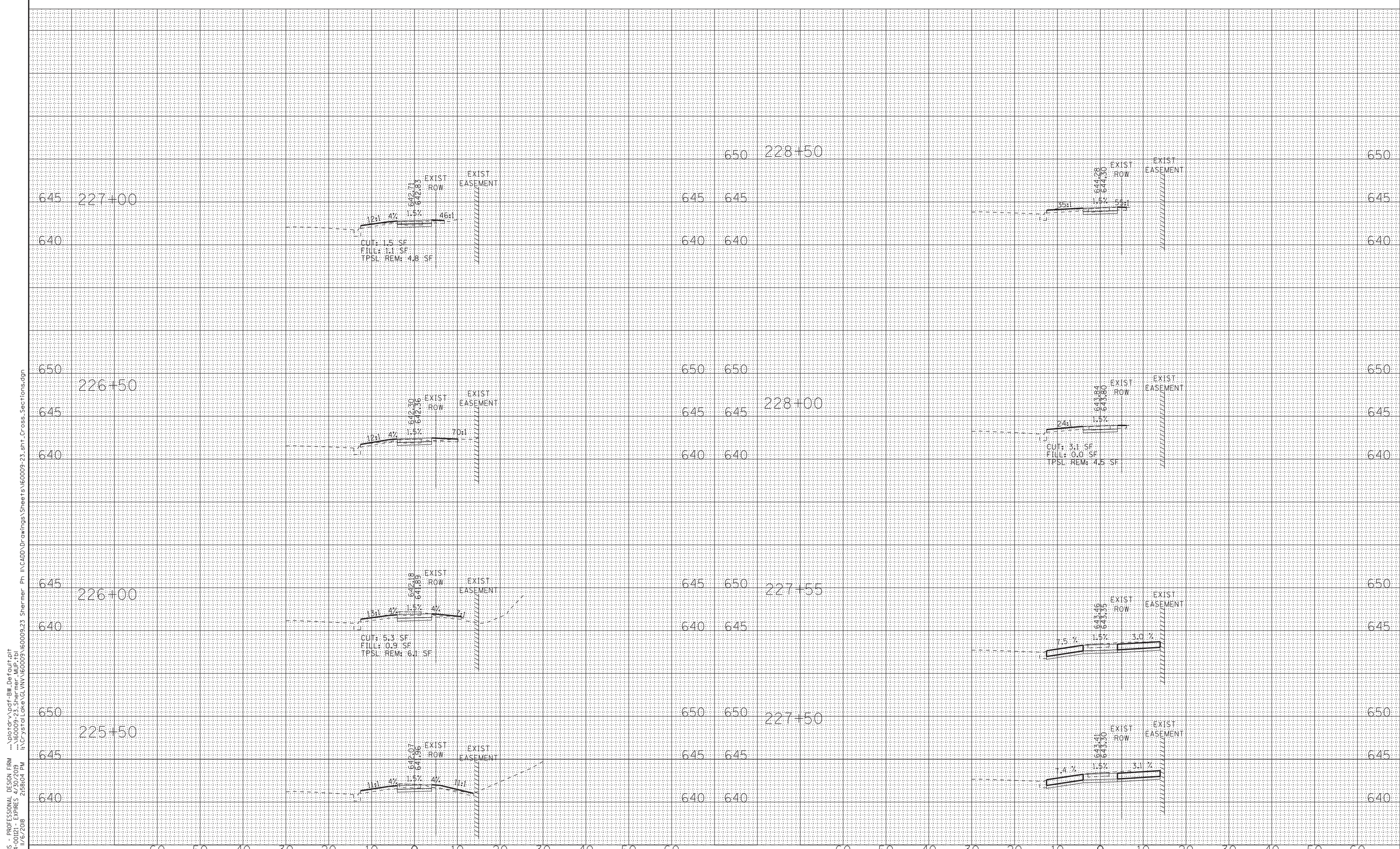
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 221+50 TO STA. 225+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	52
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
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DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

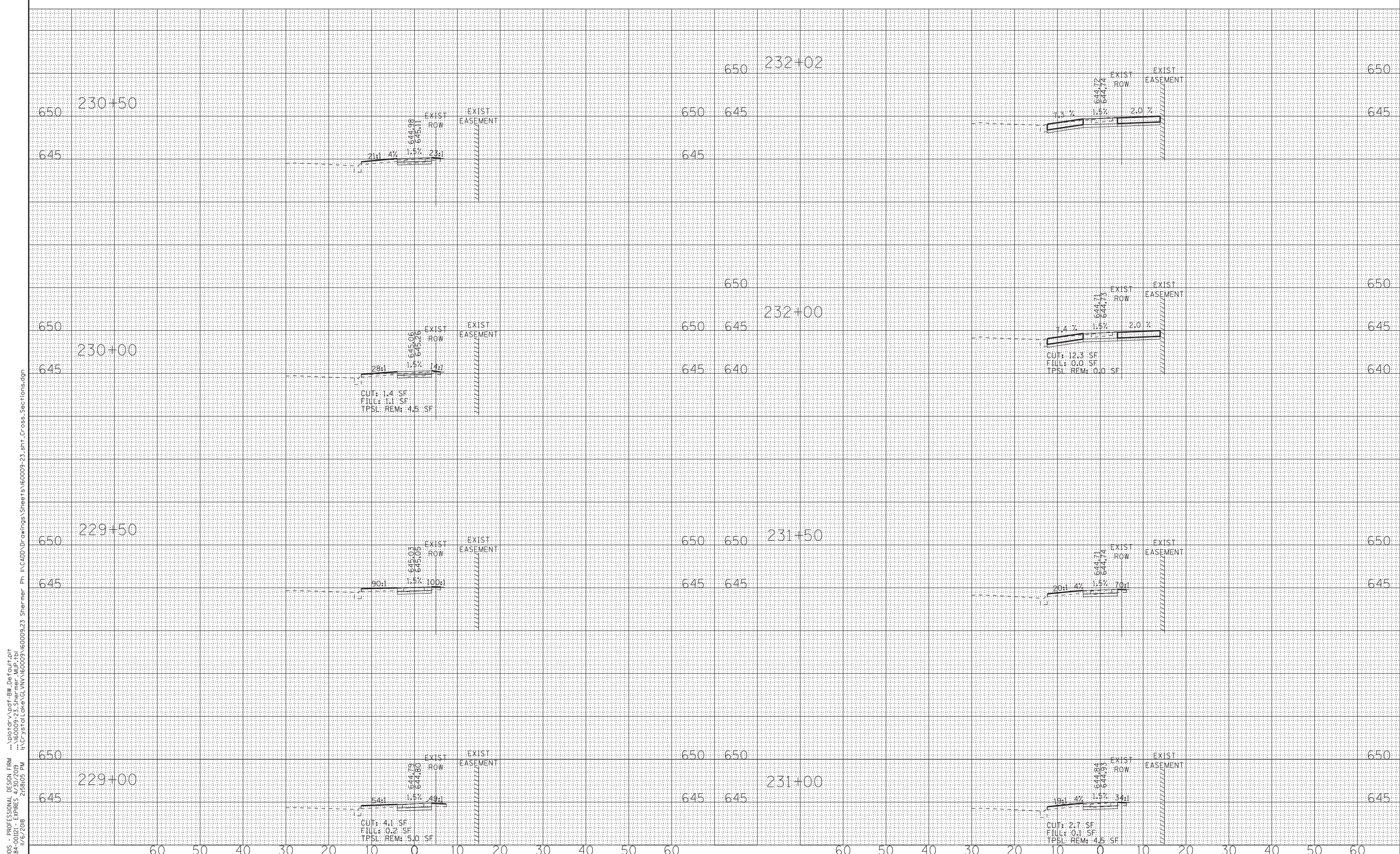
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 225+50 TO STA. 228+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2018
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

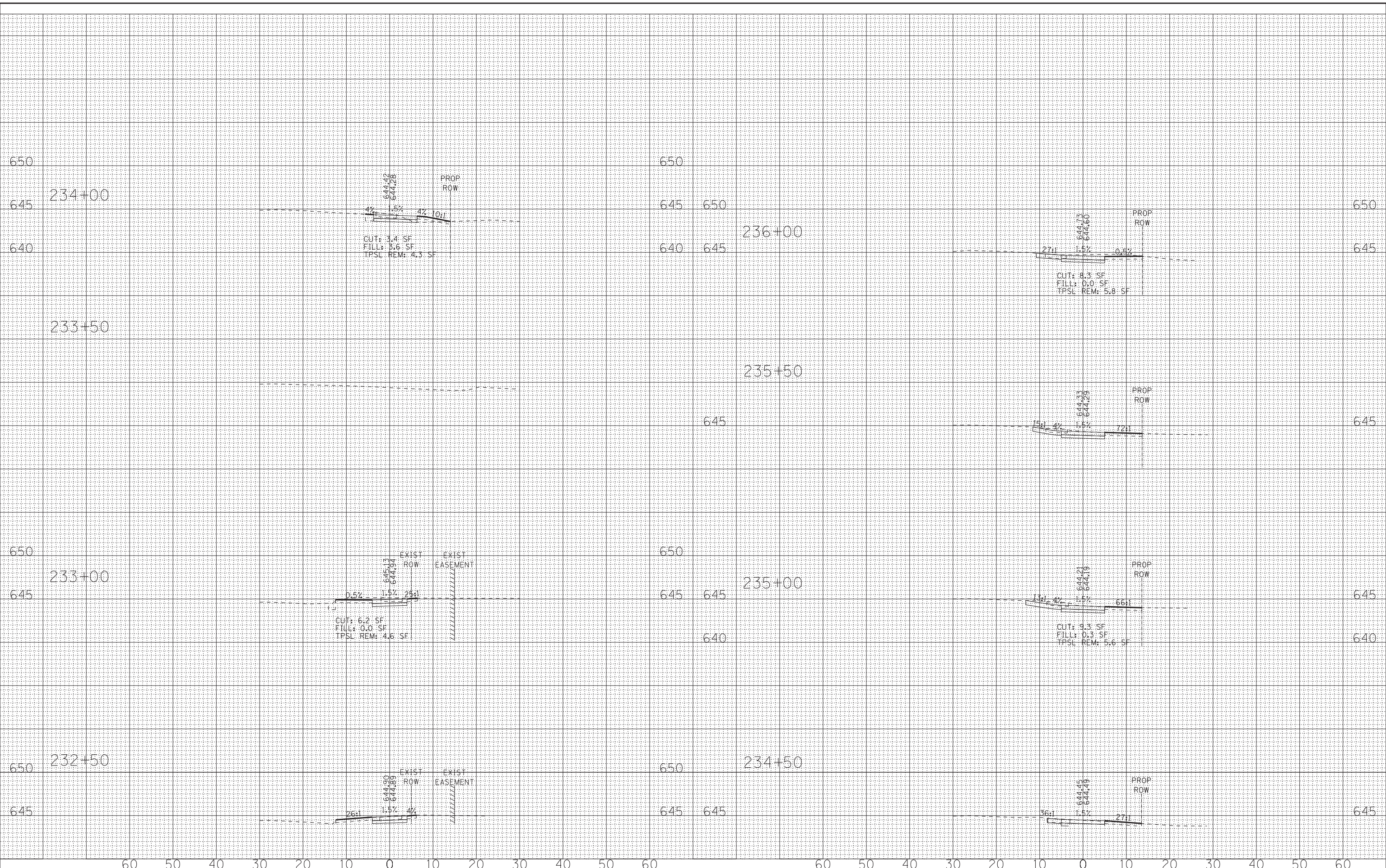
**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 229+00 TO STA. 232+02

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

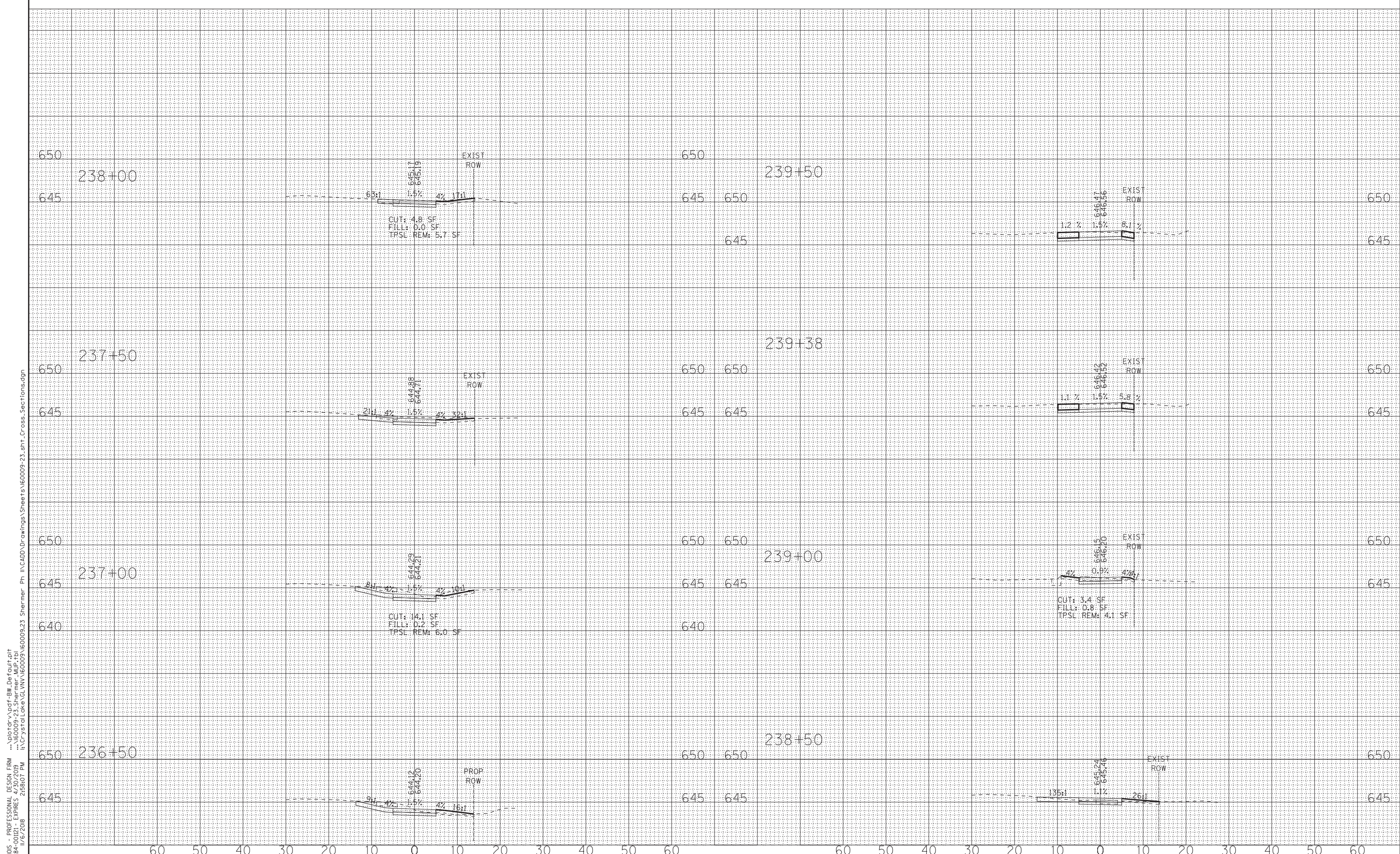
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 232+50 TO STA. 236+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht.Cross_Sect

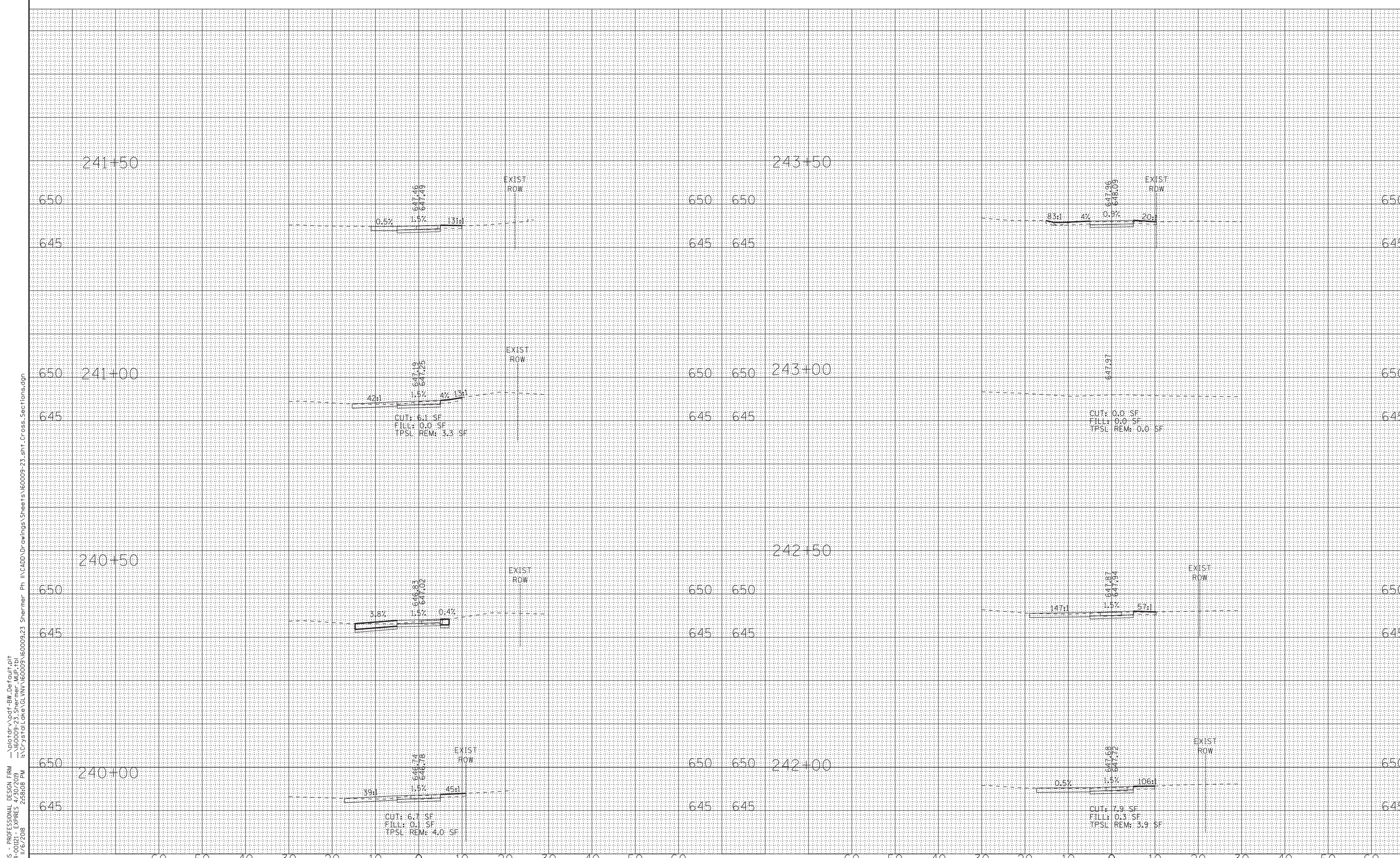
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 236+50 TO STA. 239+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
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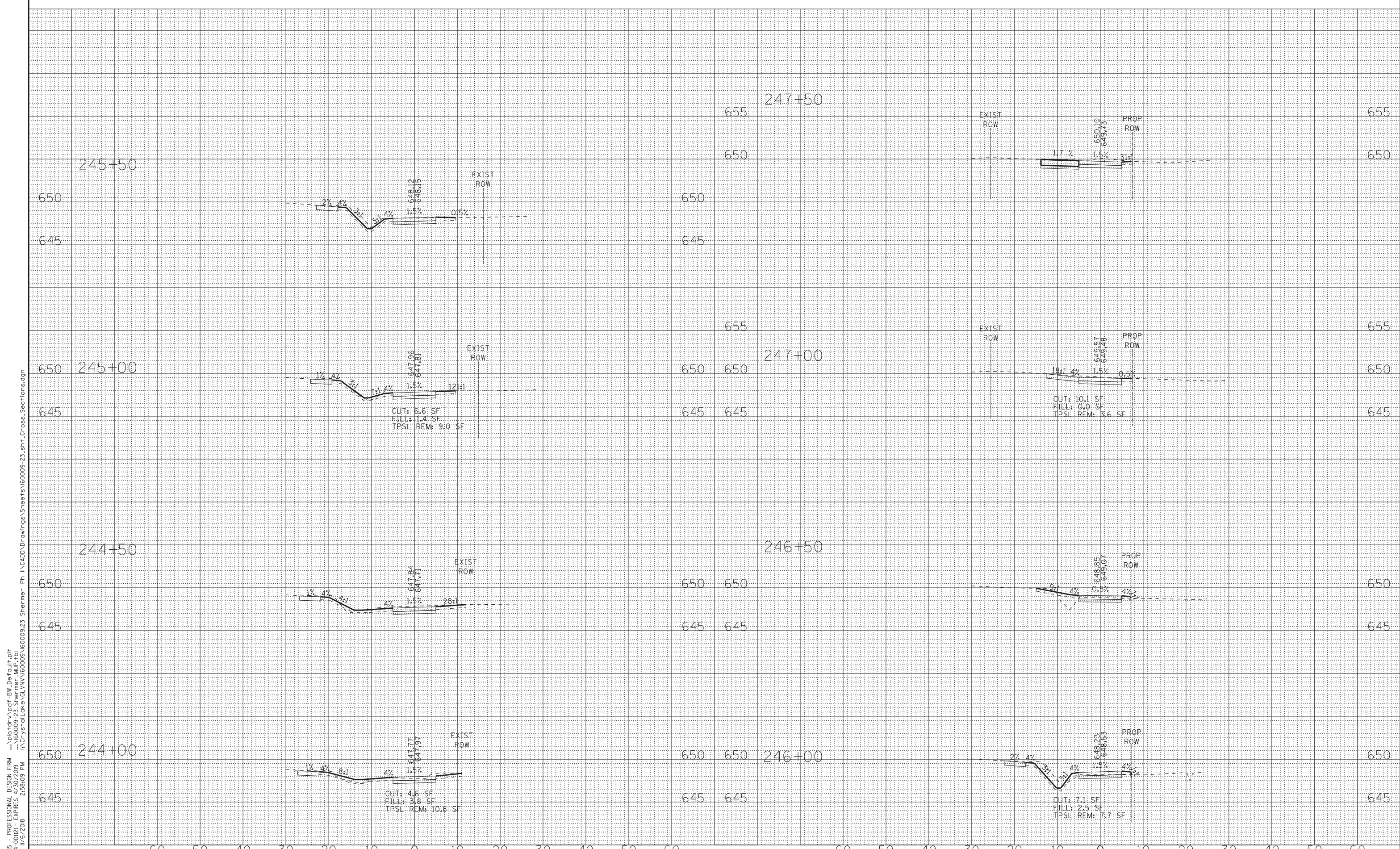
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 240+00 TO STA. 243+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	57
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
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CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

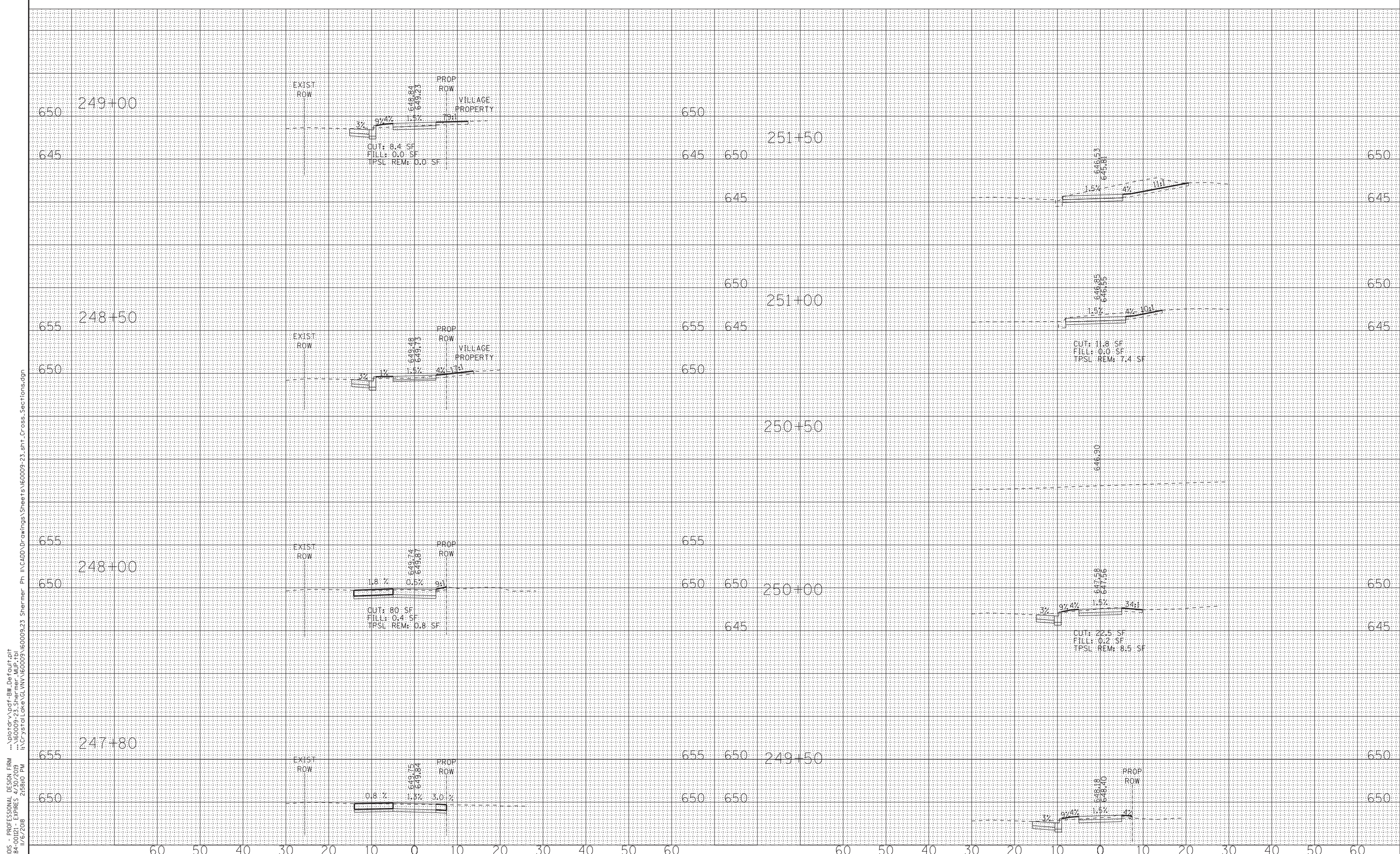
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 244+00 TO STA. 247+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
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CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

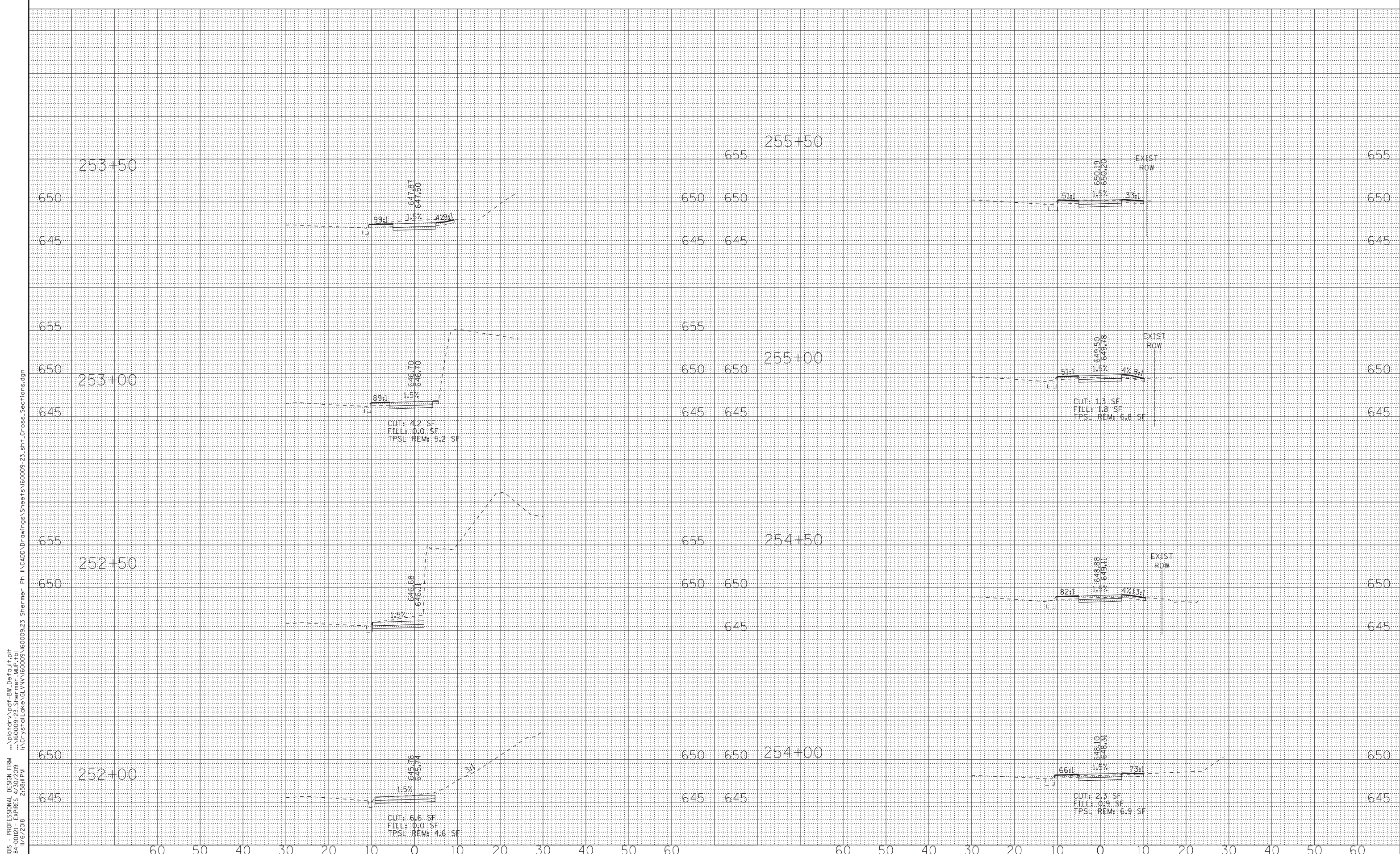
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 247+80 TO STA. 251+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
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DESIGNED - JBT	REVISED -
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DATE - 07-25-18	FILE - 160009-23_sht_Cross_Sections.dgn

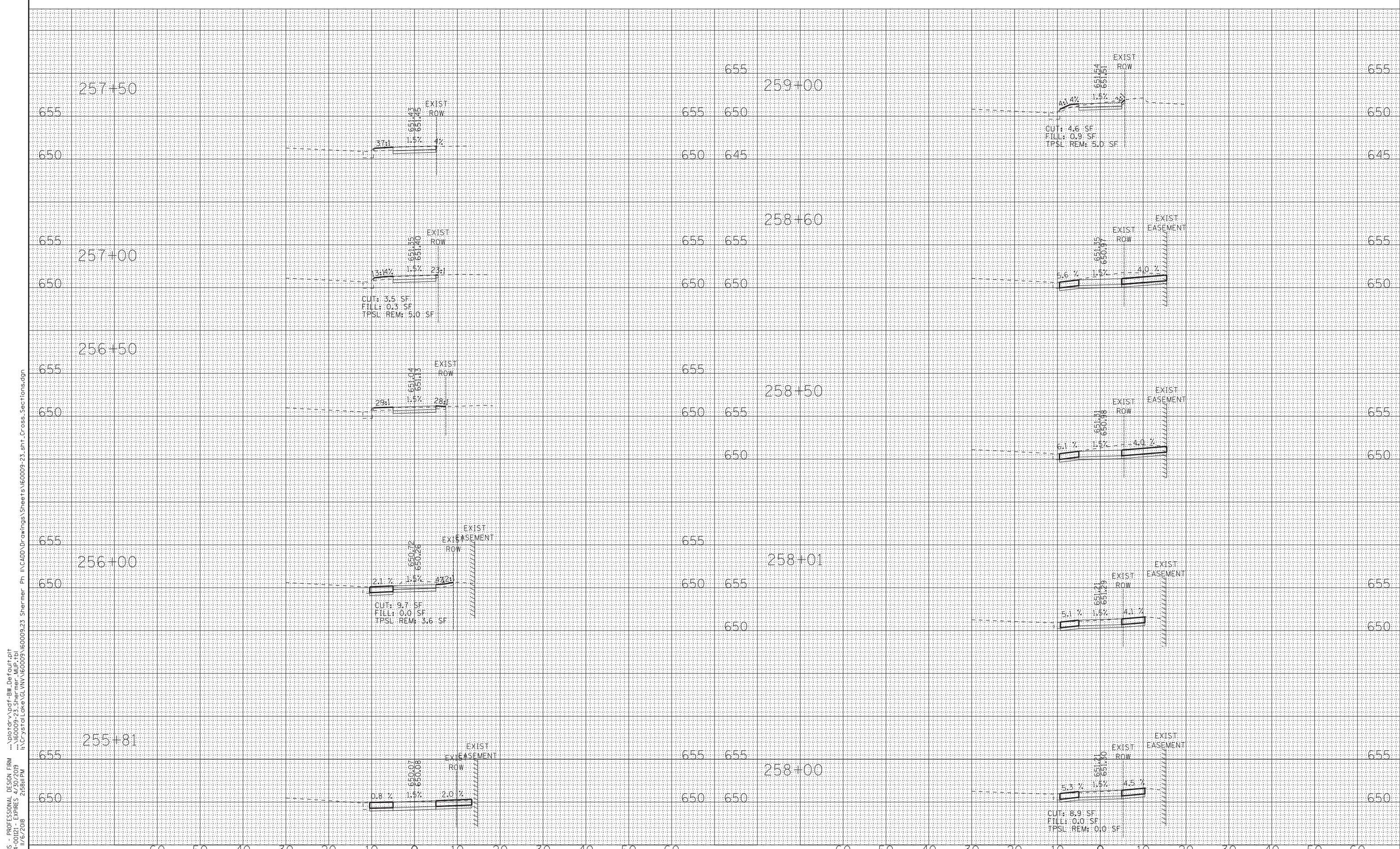
**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 252+00 TO STA. 255+50

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F06	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JBT	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 07-25-18	FILE - 160009-23_sht.Cross_Sect

**VILLAGE OF GLENVIEW, ILLINOIS
SHERMER ROAD MULTI-USE PATH**

**CROSS SECTIONS
SHERMER ROAD**

SCALE: H: 1"=10' V: 1"=5'

STA. 255+81 TO STA. 259+00

O.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0042	13-00185-00-BT	COOK	61	61
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61F06	