

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, THE JANUARY 1, 2022 EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE JANUARY 1, 2025 EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE 11th EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE JANUARY 1, 2022 EDITION OF THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE 8th EDITION "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- THE LOCATIONS OF PUBLIC OR 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 PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
- 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.
- 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.
- THE CONTRACTOR WILL BE REQUIRED TO USE A STEEL PLATE OR PLATES TO CLOSE ANY GAPS OCCURRING WHEN A FRAME IS OFFSET FROM THE STRUCTURE. THE STEEL PLATE SHALL BE 1/2-INCH THICK AND APPROXIMATELY 6-INCH WIDE BY 24-INCH LONG. SOME ADJUSTMENT IN SIZE MAY BE NECESSARY TO PREVENT THE STEEL PLATE FROM OVERHANGING THE OUTSIDE OF THE STRUCTURE WALL. THE STEEL PLATE SHALL BE BEDDED IN AND COVERED WITH MORTAR.
- THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
- A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07.
- 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 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.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HERIN.

17. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE 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 ABOVE ITEM 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.

18. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.

NIPPERSINK ROAD BENCHMARKS:

- #7 WEST BONNET BOLT WITH ARROW ON FIRE HYDRANT ON THE SOUTH SIDE OF NIPPERSINK ROAD APPROX. 100' EAST OF VALLEY LAKES BOULEVARD ELEV = 778.079
 - #8 NORTH NORTHWEST BONNET BOLT ON FIRE HYDRANT ON THE SOUTH SIDE OF NIPPERSINK ROAD APPROX. 200' WEST OF VALLEY LAKES BOULEVARD ELEV = 780.837
 - #9 SOUTH SOUTHWEST BONNET BOLT WITH ARROW ON FIRE HYDRANT ON THE SOUTH SIDE OF NIPPERSINK ROAD JUST EAST OF ADDRESS #2110 ELEV = 788.508
 - #10 SOUTH SOUTHWEST BONNET BOLT WITH ARROW ON FIRE HYDRANT ON THE SOUTH SIDE OF NIPPERSINK ROAD ACROSS FROM ADDRESS # 25666 ELEV = 786.213
 - #11 WEST SOUTHWEST BONNET BOLT WITH ARROW ON FIRE HYDRANT ON THE SOUTH SIDE OF NIPPERSINK ROAD APPROX. 1,200' WEST OF VALLEY LAKES BLVD ELEV = 782.706
- NORTH WILSON ROAD BENCHMARKS:
- #5 NORTH BONNET BOLT WITH ARROW ON FIRE HYDRANT ON THE NORTH SIDE OF PRAIRIE TRAIL AT WILSON ROAD ELEV = 790.711
 - #6 MINI RAILROAD SPIKE ON THE WEST SIDE OF WILSON ROAD ON THE SOUTH SIDE OF THE DRIVEWAY AT ADDRESS # 33780 ELEV = 792.126
 - #12 MINI RAILROAD SPIKE ON THE EAST SIDE OF WILSON ROAD APPROX. 500' SOUTH OF PRAIRIE TRAIL NEAR THE LIFT STATION ELEV = 791.799
 - #13 RAILROAD SPIKE ON THE WEST SIDE OF WILSON ROAD APPROX. 1000' SOUTH OF PRAIRIE TRAIL BEHIND GUARDRAIL (EXIST RAILROAD SPIKE BY OTHERS) ELEV = 778.522

INDEX OF SHEETS

1	COVER
2	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS, D1 DETAILS AND BENCHMARKS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6-7	ALIGNMENTS
8-9	SHARED USE PLAN SHEETS
10-13	DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS
14-15	LANDSCAPING AND EROSION CONTROL SHEETS
16-17b	ROUND LAKE DETAILS & LAKE COUNTY DETAILS
18-22	DISTRICT ONE DETAILS
23-28	CROSS SECTIONS

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
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
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

COMMITMENTS

THE PROJECT SHALL BE RE-SEEDED IN ACCORDANCE WITH IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WITH CLASS 5 OR 5B SEED MIX, AS APPROPRIATE, WHICH CONTAIN NATIVE FORBS AND MILKWEED.

DISTRICT ONE DETAILS

BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-36	FIRE HYDRANT TO BE MOVED
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

LAKE COUNTY DOT GENERAL NOTES

- THE CONSTRUCTION, INCLUDING MATERIALS USED, OF THIS IMPROVEMENT SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE MOST RECENT EDITIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," AND THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," INCLUDING ALL AMENDMENTS AND SUCCESSOR DOCUMENTS TO THE AFOREMENTIONED DOCUMENTS AS PUBLISHED OR ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR LCDOT UNLESS OTHERWISE STATED IN THESE ENGINEERING PLANS.
- THE CONSTRUCTION OF THE IMPROVEMENTS SHALL ALSO BE IN ACCORDANCE WITH THE "LAKE COUNTY HIGHWAY ACCESS AND USE ORDINANCE," LATEST EDITION.
- THE LAKE COUNTY DIVISION OF TRANSPORTATION SHALL NOT BE HELD LIABLE FOR ANY ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS OR FOR ANY ADDITIONAL WORK, WHICH MAY BE NEEDED DUE TO ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS.
- THE PERMITTEE SHALL BE RESPONSIBLE FOR ANY ADDITIONAL WORK, AND ALL COSTS THEREOF, REQUIRED BECAUSE OF ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS AND FOR THE CORRECTION OF ANY CONSTRUCTION, MAINTENANCE, OR SAFETY PROBLEMS, WHICH BECOME APPARENT DURING CONSTRUCTION OR BY INSPECTIONS MADE BY THE RESIDENT ENGINEER OR THE LAKE COUNTY DIVISION OF TRANSPORTATION.
- PAVEMENT SMOOTHNESS FOR BITUMINOUS PAVEMENTS
 - THE FOLLOWING SMOOTHNESS REQUIREMENTS SHALL APPLY TO THE SURFACE COURSE:
 - FOR MAILINE TRAFFIC LANES THE PAVEMENT SURFACE SHALL NOT VARY MORE THAN 1/8 INCH IN A 10-FOOT DISTANCE AS MEASURED ALONG THE WHEEL PATH.
 - FOR TURNING LANES, INCLUDING BY-PASS LANES, THE PAVEMENT SURFACE SHALL NOT VARY MORE THAN 3/4 INCH IN A 10-FOOT DISTANCE AS MEASURED ALONG THE WHEEL PATH.
 - IN ORDER TO SATISFY THE ABOVE SMOOTHNESS REQUIREMENTS FOR A PAVEMENT OVERLAY, THE EXISTING PAVEMENT MAY NEED LEVELING BINDER OR COLD MILLING IN ORDER TO PROVIDE A PROPER BASE FOR THE BITUMINOUS BINDER COURSE. THE RESIDENT ENGINEER SHALL DETERMINE IF LEVELING BINDER OR COLD MILLING WILL BE NECESSARY.
- THE LAKE COUNTY DIVISION OF TRANSPORTATION SHALL REQUIRE, AT ITS DISCRETION, THE TESTING OF THE PAVEMENT FOR SMOOTHNESS. FOR ANY SUCH TESTING, THE BITUMINOUS CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGNING AND TWO FLAGGERS. A REPRESENTATIVE OF THE BITUMINOUS CONTRACTOR AND THE RESIDENT ENGINEER (OR REPRESENTATIVE) SHALL BE PRESENT DURING TESTING. ANY PAVEMENT AREAS THAT DO NOT PASS THE ABOVE SMOOTHNESS REQUIREMENTS SHALL BE REMOVED BY THE GRINDING METHOD TO A 2 INCH MINIMUM DEPTH AND RESURFACED WITH HOT-MIX ASPHALT SURFACE COURSE OF THE MIX DESIGN SPECIFIED.

FOR ACCESS PERMITS ONLY

6. THE RESIDENT ENGINEER SHALL BE RESPONSIBLE FOR ESTABLISHING THE PROPER LINES AND GRADES FOR ALL CONSTRUCTION WORK INCLUDING EARTHWORK, PAVING, CURBING AND DRAINAGE. THE RESIDENT ENGINEER SHALL ALSO BE RESPONSIBLE FOR ALL OTHER ENGINEERING WORK INCLUDING INSPECTIONS AND ANY TESTING REQUIRED BY THE LAKE COUNTY DIVISION OF TRANSPORTATION. AN INSPECTOR, AS PROVIDED OR APPROVED BY THE RESIDENT ENGINEER, SHALL BE PRESENT DURING CRITICAL PHASES OF THE CONSTRUCTION WORK.

7. THE RESIDENT ENGINEER SHALL NOTE ANY CHANGES FROM THESE ENGINEERING PLANS AND SHALL NOTIFY THE PERMIT DEPARTMENT OF THE LAKE COUNTY DIVISION OF TRANSPORTATION ABOUT ANY CHANGES THAT DEVIATE FROM THE INTENT OF THE ENGINEERING PLANS SUCH AS CHANGES IN DRAINAGE, GEOMETRIC PLAN, OR GRADING WORK.

8. THE LAKE COUNTY DIVISION OF TRANSPORTATION "SPECIAL CONDITIONS FOR CONSTRUCTION WITHIN A COUNTY HIGHWAY RIGHT-OF-WAY" SHALL BE INCLUDED IN THE ENGINEERING PLANS.

FOR UTILITY OR FACILITY PERMITS ONLY

9. THE PERSON IN CHARGE SHALL NOTE ANY CHANGES FROM THESE ENGINEERING PLANS AND SHALL NOTIFY THE PERMIT DEPARTMENT OF THE LAKE COUNTY DIVISION OF TRANSPORTATION ABOUT ANY CHANGES THAT DEVIATE FROM THE INTENT OF THE ENGINEERING PLANS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jayvila 5/29/2025 11:39:23 AM
 FILE NAME: P:\ROULK\0211656-ITEP Bike Path\CAD\Sheets\2401606_ITEP_SHT-GenNotes.dgn



USER NAME = jayvila	DESIGNED - JA	REVISED - 5/29/2025
	DRAWN - MAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - JDW	REVISED -
PLOT DATE = 5/29/2025	DATE - 5-21-2025	FILE - 2401606_ITEP_SHT-GenNotes.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS, D1 DETAILS, AND BENCHMARKS

SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.
--------	---------------------	--------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
178/188	21-00085-00-BT	LAKE	28	2
			CONTRACT NO. 61152	
		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-001121 - EXPIRES 4/30/2025
 javila 5/29/2025 11:39:27 AM
 FILE NAME: P:\ROULK\0211656-ITEP Bike Path\CAD\Sheets\2401606_ITEP_SHT-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% STATE 20% LOCAL	PEDESTRIAN 0028 ITEP
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	315		315
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	17		17
20101100	TREE TRUNK PROTECTION	EACH	53		53
* 20101200	TREE ROOT PRUNING	EACH	53		53
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	40		40
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	13		13
20200100	EARTH EXCAVATION	CU YD	545		545
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	412		412
20400800	FURNISHED EXCAVATION	CU YD	64		64
20800150	TRENCH BACKFILL	CU YD	107		107
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	375		375
21400100	GRADING AND SHAPING DITCHES	FOOT	1,327		1,327
25000320	SEEDING, CLASS 5	ACRE	1		1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	77		77
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	77		77

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% STATE 20% LOCAL	PEDESTRIAN 0028 ITEP
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	77		77
25100630	EROSION CONTROL BLANKET	SQ YD	3,369		3,369
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	85		85
28000305	TEMPORARY DITCH CHECKS	FOOT	195		195
28000400	PERIMETER EROSION BARRIER	FOOT	2,082		2,082
28000510	INLET FILTERS	EACH	5		5
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	109		109
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	64		64
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,687		1,687
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,797		3,797
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	190		190
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4		4
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	565		565
44000600	SIDEWALK REMOVAL	SQ FT	210		210
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	510		510

* INDICATES SPECIALTY ITEM



USER NAME = javila	DESIGNED - JA	REVISED - 5/29/2025
PLOT SCALE = 20.0000' / in.	DRAWN - MAC	REVISED -
PLOT DATE = 5/29/2025	CHECKED - JDW	REVISED -
	DATE - 5-21-2025	FILE - 2401606_ITEP_SHT-SOQ.dgn

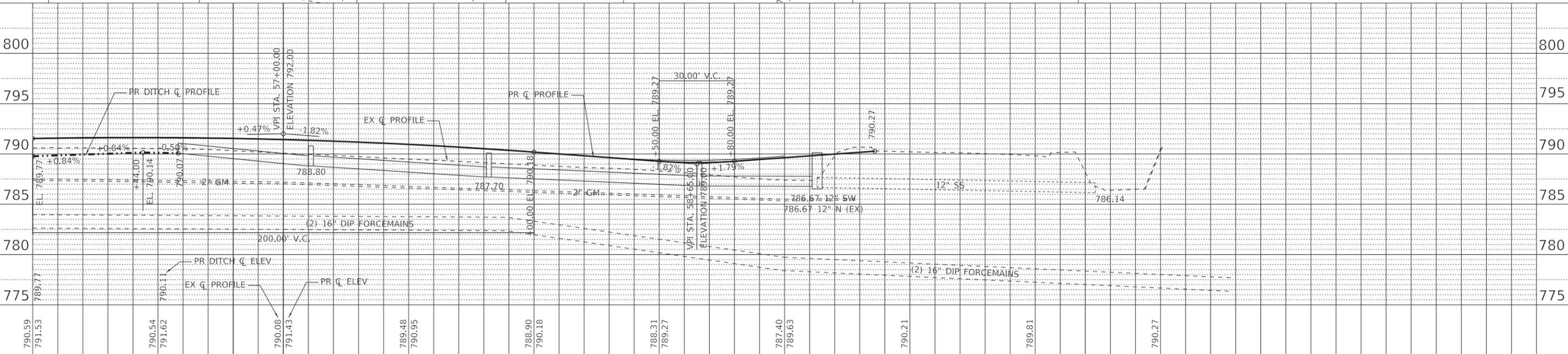
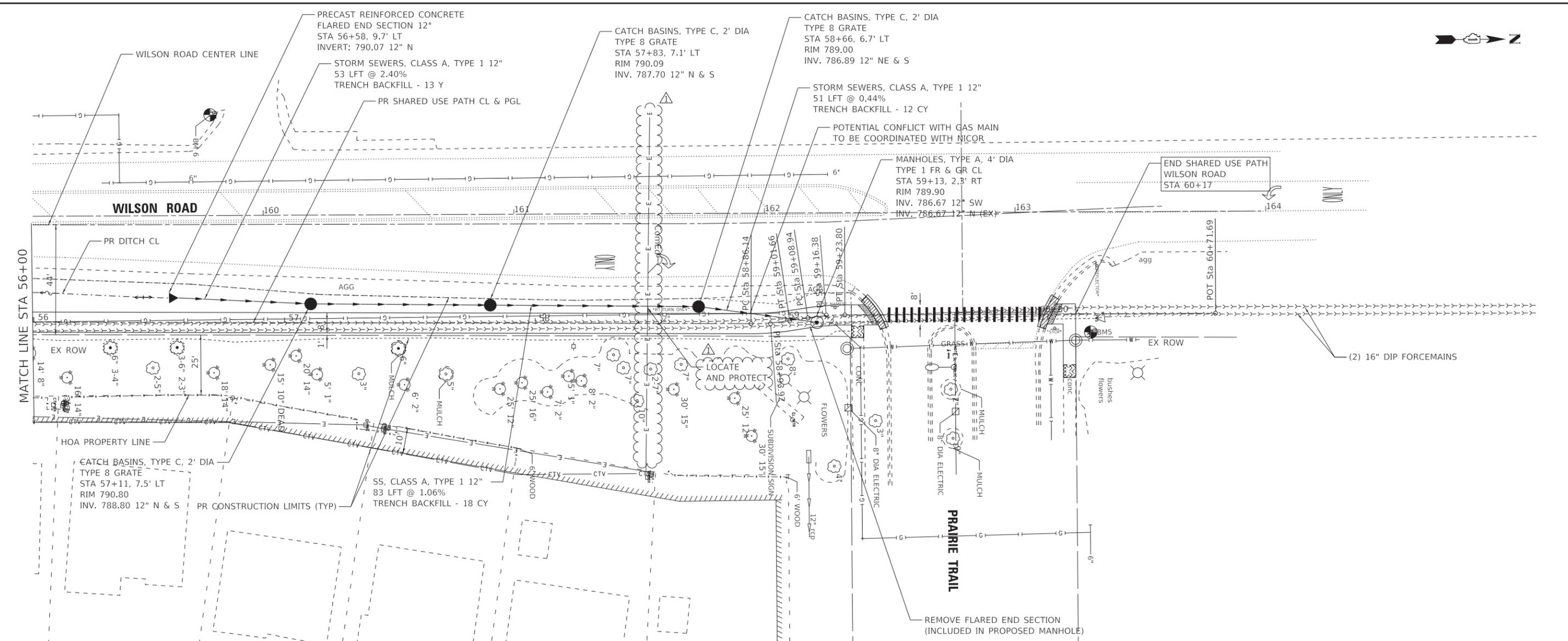
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

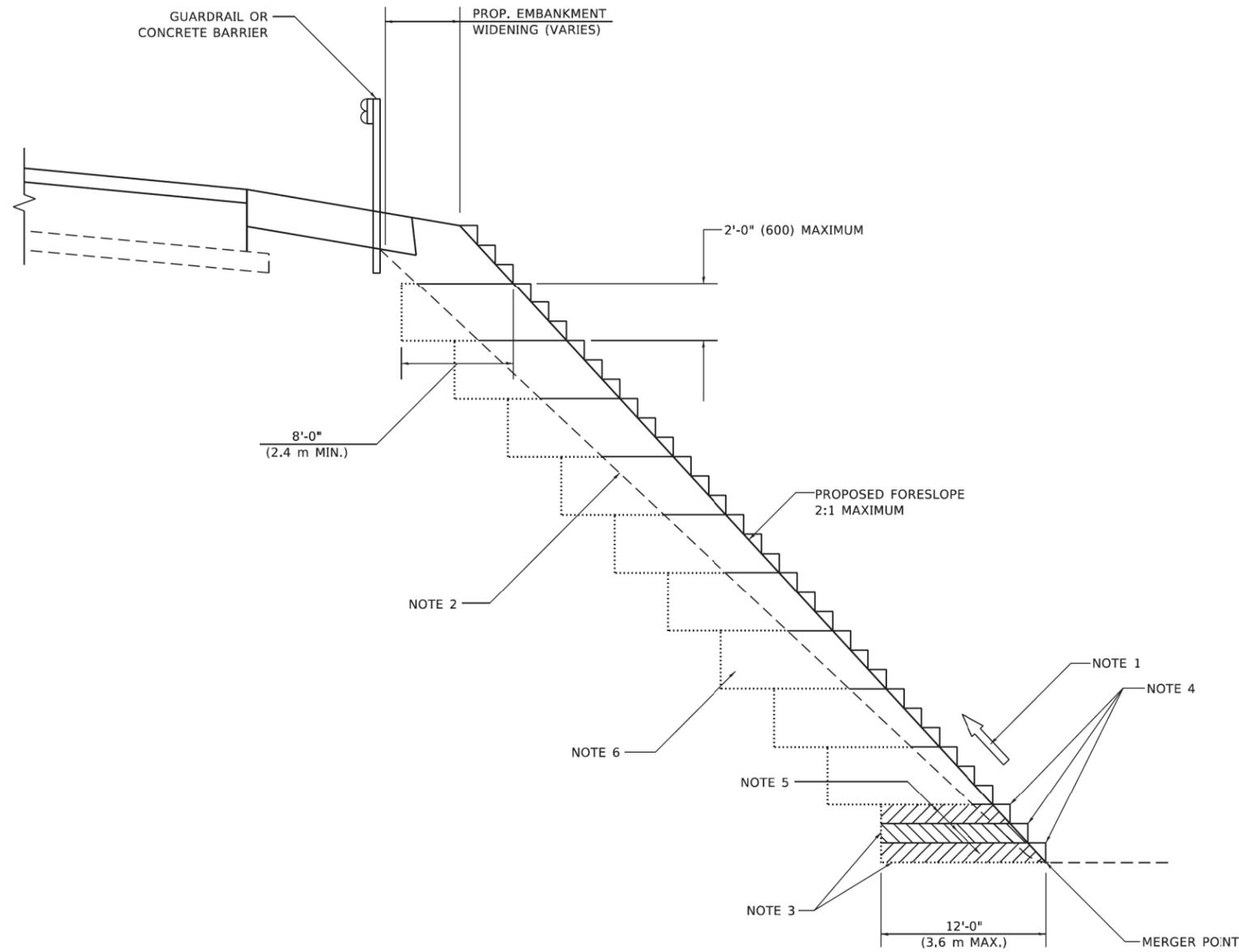
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
178/188	21-00085-00-BT	LAKE	28	3
CONTRACT NO. 61152			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00112 - EXPIRES 4/30/2025
 javila 5/29/2025 11:39:37 AM
 FILE NAME: P:\ROULK0211656\ITEP - Prairie Trail\DWG\Wilson2.dgn



BAXTER & WOODMAN Consulting Engineers		USER NAME = javila PLOT SCALE = 20.0000" / in. PLOT DATE = 5/29/2025	DESIGNED - DRAWN - CHECKED - DATE - 5-21-2025	REVISED - 5/29/2025 REVISED - REVISED - FILE - 2401606 ITEP_SHT-DU-Wilson2.dgn	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE WILSON ROAD SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 56+00 TO STA. 60+17	F.A. RTE. 078/018B SECTION 21-00085-00-BT COUNTY LAKE TOTAL SHEETS 28 SHEET NO. 11 CONTRACT NO. 61L52 ILLINOIS FED. AID PROJECT
---	--	--	--	---	---	--	---



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

COPYRIGHT © 2017 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 21-00085-00-BT
 SHEET NO. 19A
 DATE: 11/18/2022

USER NAME = Lawrence,DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22
	DRAWN - CADD	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.E.B.	REVISED -
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
078/0188	21-00085-00-BT	LAKE	28	19A
BD-51			CONTRACT NO. 61L52	
ILLINOIS		FED. AID PROJECT		