

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
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GENERAL NOTES

1. 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 "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".

2. 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.

3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.

4. 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.

5. 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.

6. 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.

7. 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 ½-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.

8. 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.

9. 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.

10. 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.

11. TRENCH BACKFILL FOR THIS PROJECT SHALL CONSIST OF CRUSHED CA-7 AND SHALL BE COMPACTED BY METHOD 1 ONLY.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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

1. 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. .

2. THE CONSTRUCTION OF THE IMPROVEMENTS SHALL ALSO BE IN ACCORDANCE WITH THE "LAKE COUNTY HIGHWAY ACCESS AND USE ORDINANCE," LATEST EDITION.

3. 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.

4. 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.

5. PAVEMENT SMOOTHNESS FOR BITUMINOUS PAVEMENTS

1. THE FOLLOWING SMOOTHNESS REQUIREMENTS SHALL APPLY TO THE SURFACE COURSE:

A. 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. 2.

B. FOR TURNING LANES, INCLUDING BY-PASS LANES, THE PAVEMENT SURFACE SHALL NOT VARY MORE THAN ¼ INCH IN A 10-FOOT DISTANCE AS MEASURED ALONG THE WHEEL PATH.

2. 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.

INDEX OF SHEETS

- 1 COVER

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

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8-9 SHARED USE PLAN SHEETS

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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

3. 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.

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. 61LS52				
		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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		DRAWN - MAC	REVISED -
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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



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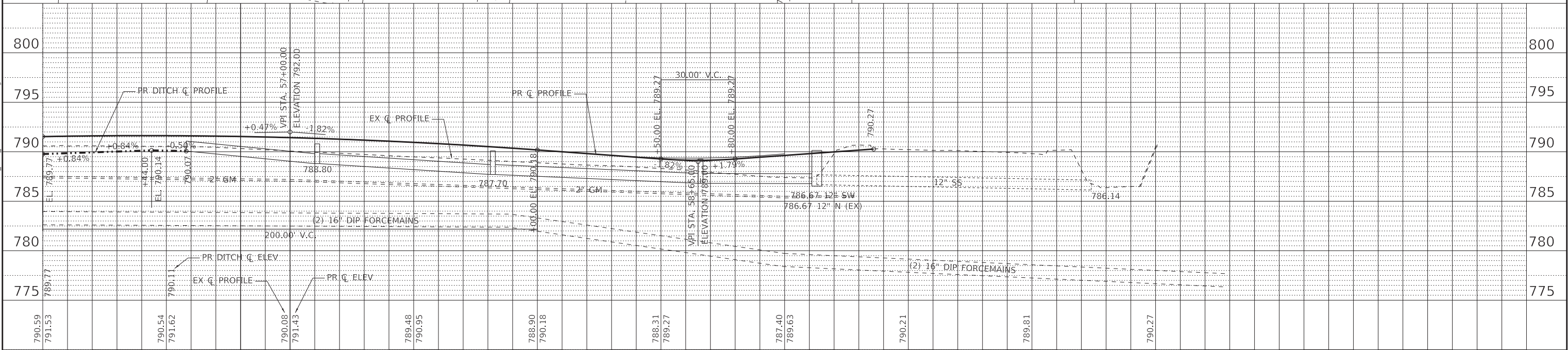
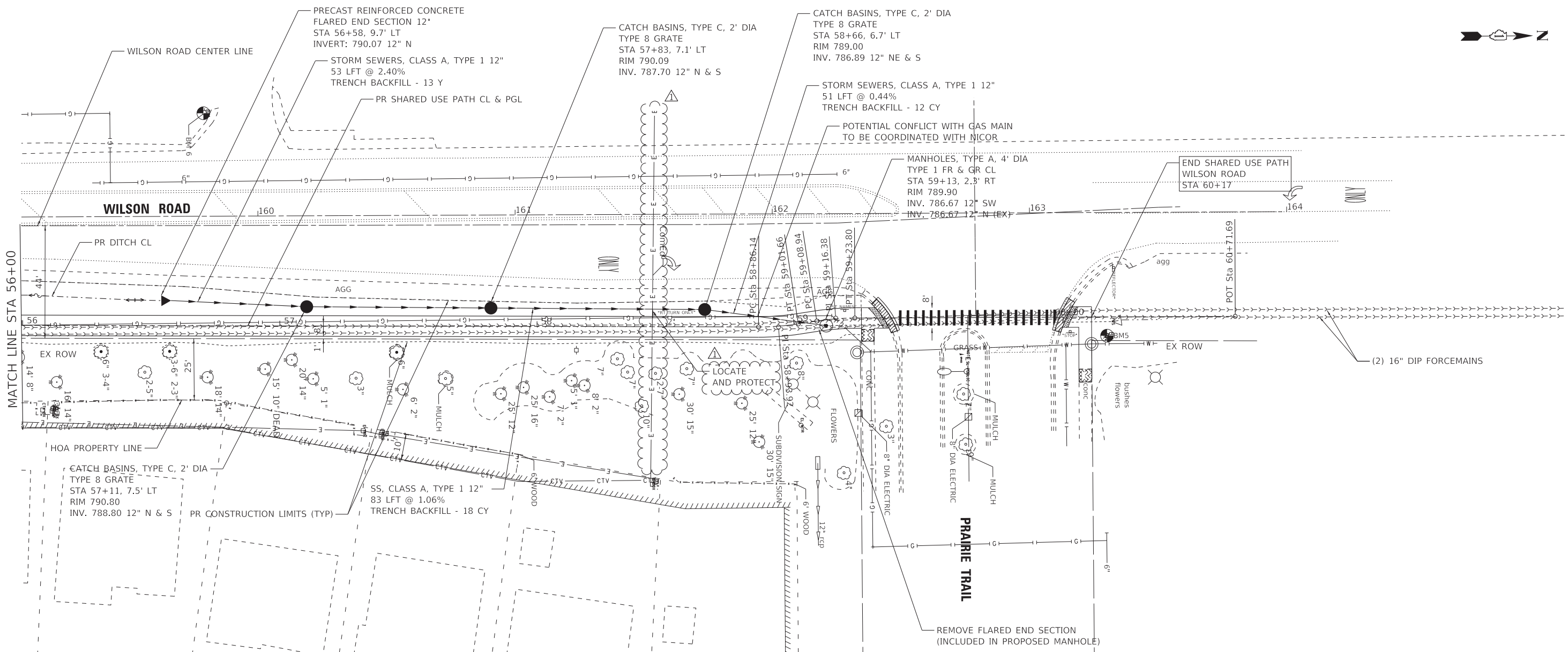
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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				

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BAXTER & WOODMAN
Consulting Engineers

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PLOT DATE = 5/29/2025

DESIGNED -
DRAWN -
CHECKED -
DATE - 5-21-2025

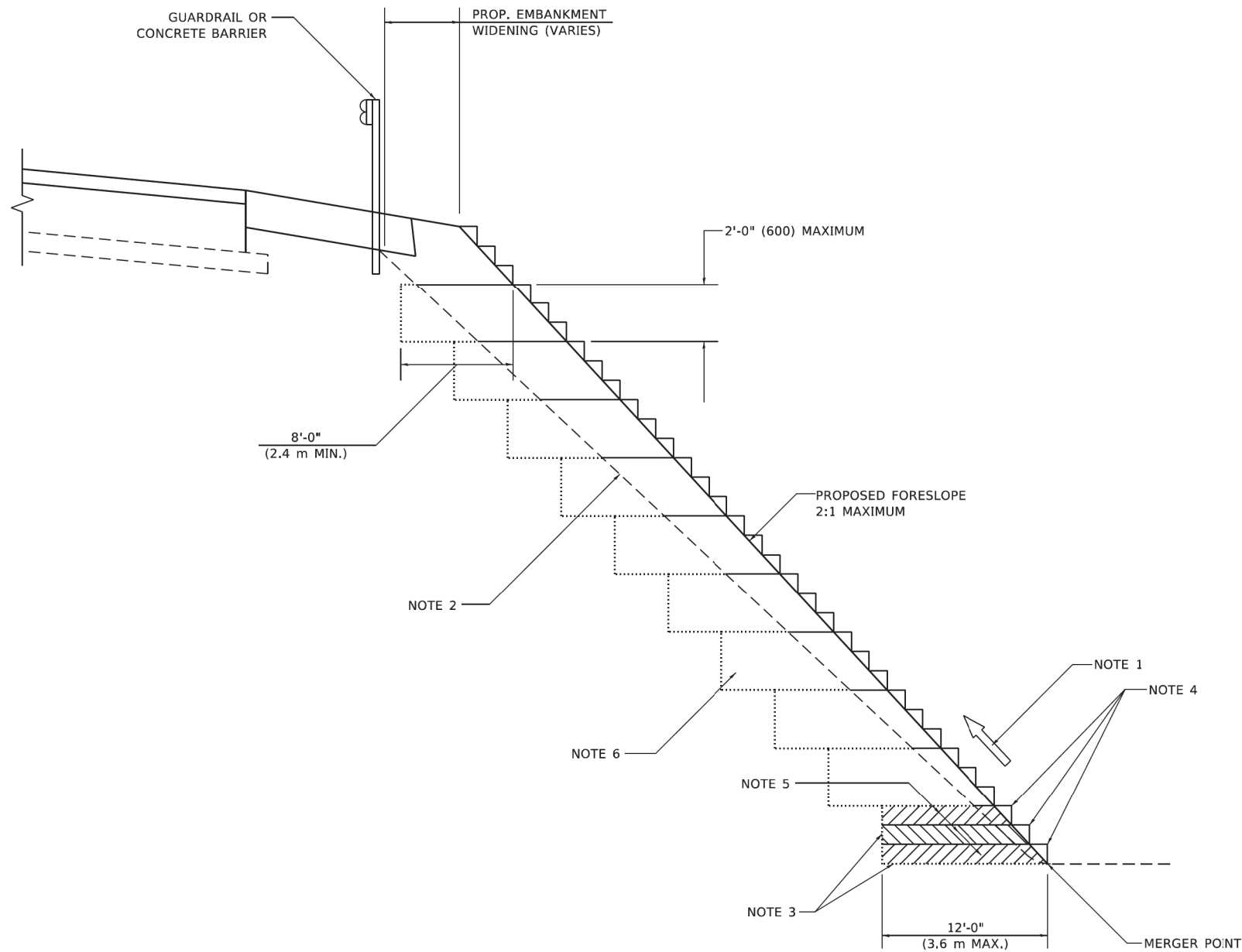
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0178/0188	21-00085-00-BT	LAKE	28	11
CONTRACT NO. 61152				
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.

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
DRAWN: M. DE MANCHE
CHECKED: S.E.B.
DATE: 06-16-04
PLOT DATE: 11/18/2022
PLOT SCALE: 100,000' / in.
USER NAME: Lawrence, DeManche
DESIGNED: K. SMITH 11-18-22
DRAWN: CADD
CHECKED: S.E.B.
DATE: 06-16-04
PLOT DATE: 11/18/2022
PLOT SCALE: 100,000' / in.
USER NAME: Lawrence, DeManche
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DATE: 06-16-04
PLOT DATE: 11/18/2022
PLOT SCALE: 100,000' / in.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

SCALE: NONE

SHEET 1

OF 1

SHEETS

STA.

TO STA.

F.A.
RTE.

078/0188

SECTION

21-00085-00-BT

COUNTY

LAKE

TOTAL
SHEETS

28

SHEET
NO.

19A

BD-51

CONTRACT NO. 61L52

ILLINOIS FED. AID PROJECT