

CITY OF KALAMAZOO

E KILGORE ROAD PATH



WIGHTMAN
 433 E. RANSOM ST.
 KALAMAZOO, MI. 49007
 269.327.3532
 www.gowightman.com

PROJECT NAME:
E KILGORE ROAD PATH

CITY OF KALAMAZOO
 415 E STOCKBRIDGE AVENUE
 KALAMAZOO, MI 49001

04/12/15/2025	PTS
ISSUED FOR BIDS	
03/7/1/2024	PTS
75% SUBMITTAL	
02/3/27/2024	PTS
70% SUBMITTAL	
01/12/15/2023	PTS
30% SUBMITTAL	

REVISIONS
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 DATE: DECEMBER, 2025
 SCALE: NONE

INDEX OF PLANS

K 01	COVER SHEET
K 02	PROJECT NOTES, DETAILS, & TYPICAL SECTIONS
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K 04	PLAN AND PROFILE - E KILGORE ROAD - STA. 20+00 TO STA. 22+65 (P.O.E.)
K 05	MAINTAINING TRAFFIC PLAN - E KILGORE ROAD

NOTES

EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE 2020 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.

THE PLACING OF PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SHALL BE DONE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS AMENDED.

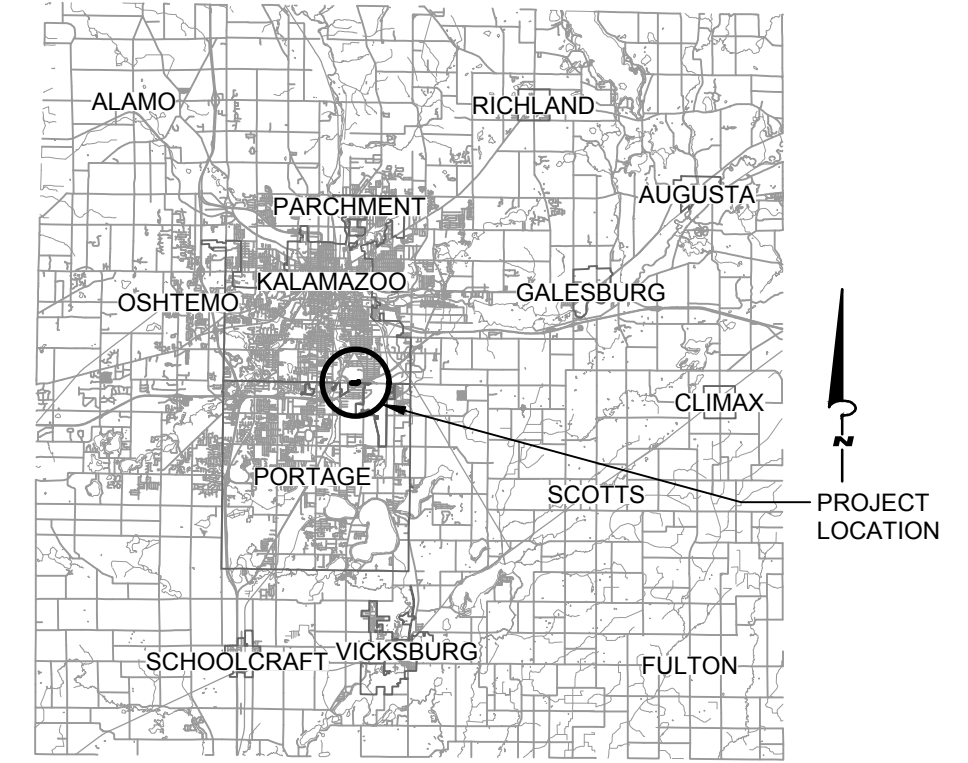
IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, ALL CONTRACTORS SHALL CALL MISS DIG @ 811 OR 800-482-7171 FOR PROTECTION OF UNDERGROUND UTILITIES A MINIMUM OF THREE FULL WORKING DAYS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO BEGINNING EACH EXCAVATION IN ANY AREA. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

TRAFFIC DATA KILGORE ROAD

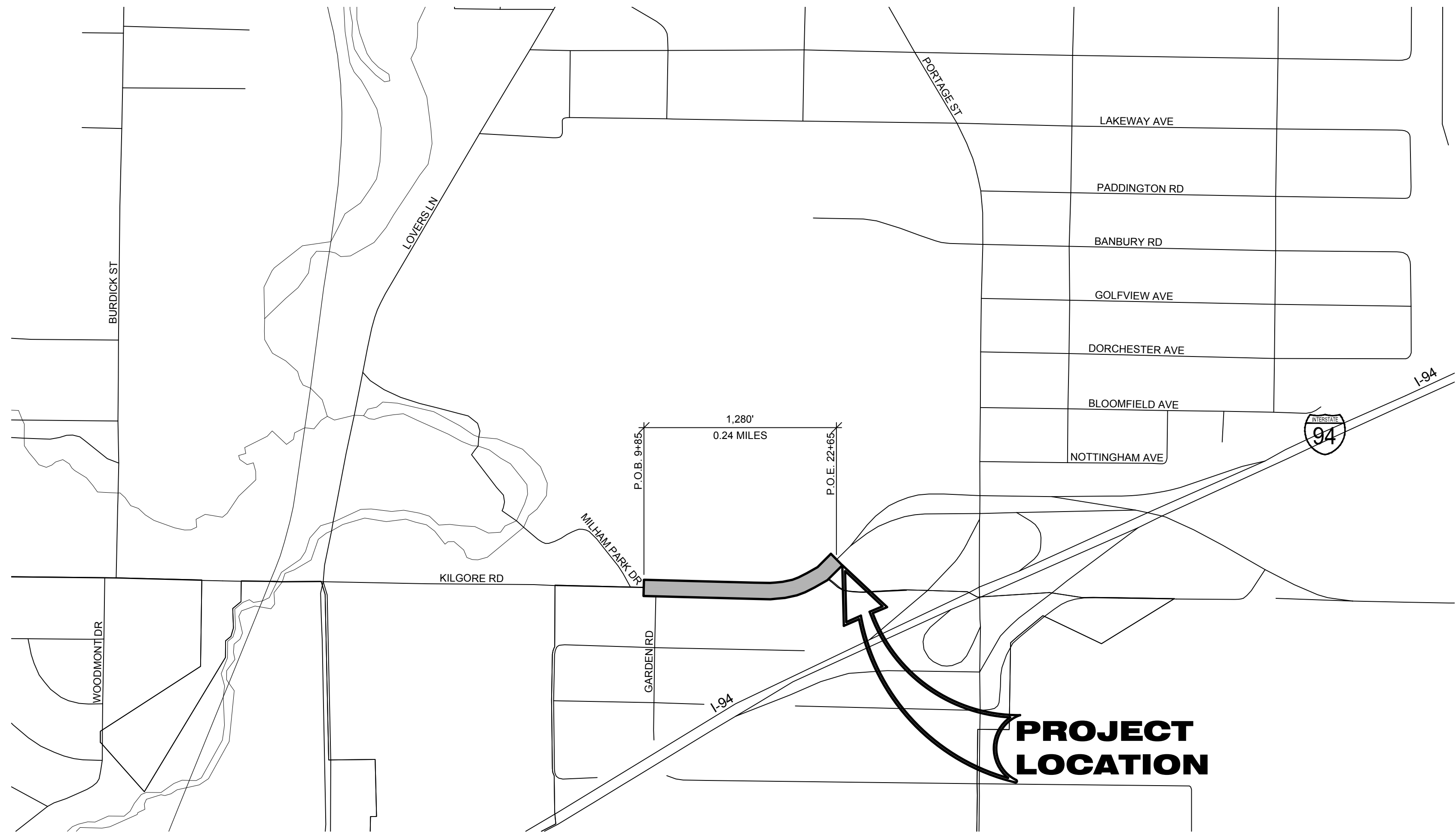
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POSTED SPEED	=	35 MPH
ADT (2025)	=	18,449
ADT (2045)	=	22,510
DHV (2045)	=	3,380
% TRUCKS (2025 & 2045)	=	3%

UTILITIES


ELECTRIC:	CONSUMERS ENERGY 2500 E. CORK STREET KALAMAZOO, MI 49001 COLE ROCHOWIAK (317) 445-8814 COLE.ROCKOWIAK@CMSENERGY.COM
GAS:	CONSUMERS ENERGY 2500 E. CORK STREET KALAMAZOO, MI 49001 JACOB WAHLSTROM (269) 666-0707 JACOB.WAHLSTROM@CMSENERGY.COM
TELEPHONE:	AT&T 2919 MILLCORK STREET KALAMAZOO, MI 49001 PHIL BARDOCZ (269) 384-4476 PB3132@ATT.COM
FIBER OPTIC:	METRONET 13800 EAST MICHIGAN AVE GALESBURG, MI 49053 TOM WARD (269) 746-3323 THOMAS.WARD@METRONET.COM
FIBER OPTIC AND CABLE:	SPECTRUM (FIBER) CHARTER COMMUNICATIONS (CABLE) 4176 COMMERCIAL AVENUE PORTAGE, MI 49002 BRYAN LONGCORE (269) 459-8746 BRYAN.LONGCORE2@CHARTER.COM
PUBLIC WORKS AND TRAFFIC:	CITY OF KALAMAZOO 415 E. STOCKBRIDGE KALAMAZOO, MI 49001 DENNIS RANDOLPH, P.E., P.T.O.E. (269) 337-8612 RANDOLPHD@KALAMAZOOCITY.ORG
WATER:	CITY OF KALAMAZOO 415 E. STOCKBRIDGE KALAMAZOO, MI 49001 ANNA CRANDALL (269) 337-8000 CRANDALLA@KALAMAZOOCITY.ORG
SEWER:	CITY OF KALAMAZOO 415 E. STOCKBRIDGE KALAMAZOO, MI 49001 RYAN STOUGHTON (269) 337-8736 STOUGHTONR@KALAMAZOOCITY.ORG
"MISS DIG"	811



KALAMAZOO COUNTY VICINITY MAP
 SCALE: NONE



A PORTION OF THE
 CITY OF KALAMAZOO
 PROJECT LOCATION MAP
 SCALE: NONE



CITY OF KALAMAZOO
 415 STOCKBRIDGE AVENUE
 KALAMAZOO, MI 49001

APPROVAL

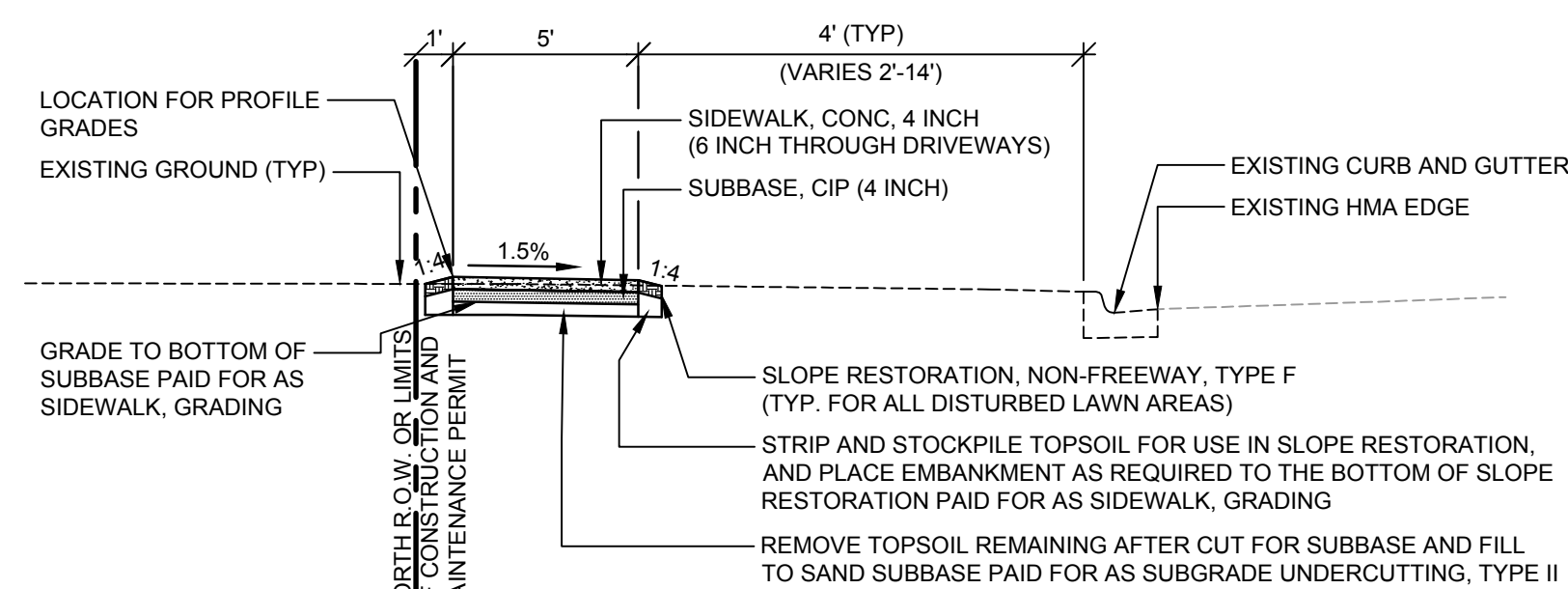
DENNIS RANDOLPH P.E., P.T.O.E.	PUBL WORKS DIV. MANAGER	DATE
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COVER SHEET

JOB No. 234179
K 01
 OF 5

PROJECT NOTES

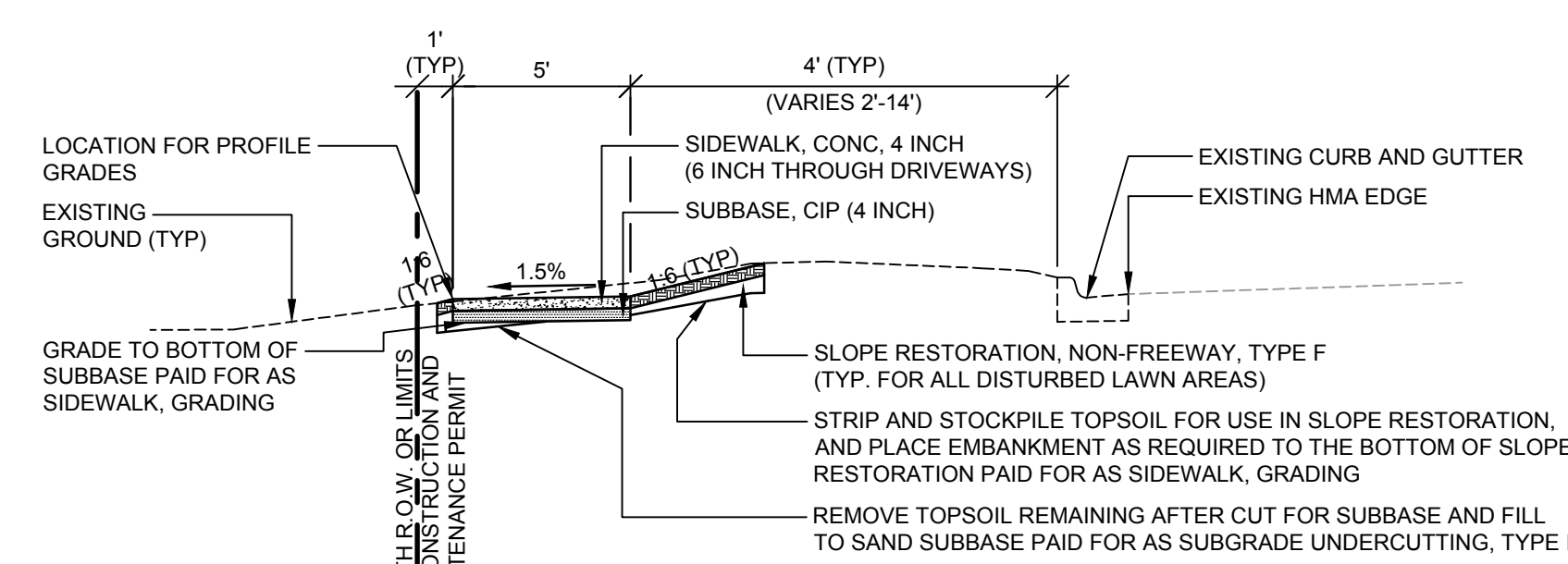
- THE "2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "STANDARD PLANS" BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ARE HEREBY INCORPORATED INTO THESE CONTRACT DOCUMENTS. COPIES OF THESE STANDARDS ARE AVAILABLE FOR INSPECTION AT THE OFFICE OF THE ENGINEER.
- THE PLACING OF TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD), AS AMENDED.
- ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS, RULES AND REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION, INCLUDING 2021 CITY OF KALAMAZOO STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE INSTALLATION.
- IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, ALL CONTRACTORS SHALL CALL MISS DIG @ 811 OR 800-482-7171 FOR PROTECTION OF UNDERGROUND UTILITIES A MINIMUM OF THREE FULL WORKING DAYS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO BEGINNING EACH EXCAVATION IN ANY AREA. MEMBERS WILL THIS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.
- THE CONTRACTOR SHALL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND SHALL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY OF KALAMAZOO TO NOTIFY THEM THAT WORK IS COMMENCING.
- THE SOIL BORINGS WERE TAKEN BY WIGHTMAN ON 10/20/2023.
- THE TEST BORINGS REPRESENT POINT INFORMATION AND MAY NOT HAVE ENCOUNTERED ALL THE TYPES AND MATERIALS WHICH ARE PRESENT AT THE SITE. THESE BORING LOGS DO NOT CONSTITUTE A GUARANTEE OF THE SOIL OR GROUNDWATER CONDITIONS, OR THAT THE TEST BORINGS ARE AN EXACT REPRESENTATION OF THE SOIL OR GROUNDWATER CONDITIONS AT ALL POINTS ON THE SITE.
- SEE PLAN SHEETS FOR SOIL BORING INFORMATION.
- THE CONTRACTOR SHALL CONDUCT THE WORK IN SUCH A MANNER SO NO EXCAVATIONS ARE LEFT OPEN OVERNIGHT. IF THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL INSTALL A TEMPORARY FENCE TO PROTECT THE EXCAVATION AT THEIR OWN EXPENSE.
- DRIVE REPLACEMENT SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
- ALL GOVERNMENT CORNERS ON THIS PROJECT SHALL BE PRESERVED, WHETHER SHOWN OR NOT. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES, AS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING DRAINAGE PATTERNS, AND SHALL RESOLVE ANY DRAINAGE PROBLEMS ON ADJACENT PROPERTIES WHICH MAY RESULT FROM THE CONTRACTOR'S ACTIVITIES.
- ADEQUATE DUST CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER IN THE FIELD, TO BE INCLUDED IN THE VARIOUS ITEMS OF WORK
- DATUM REFERS TO NAVD88 DATUM.
- SPOT ELEVATIONS WITHIN VICINITY OF PROPOSED CONCRETE CURB AND GUTTER REFER TO EDGE OF METAL ELEVATIONS. PITCH PAVEMENT/CONCRETE GUTTERS UNIFORMLY BETWEEN PROPOSED SPOT ELEVATIONS.
- ALL DRIVES SHALL HAVE C4 DETAIL CURB AND GUTTER OR MATCH EXISTING DETAIL FROM THE TYPE M OPENING TO THE R.O.W. LINE OR LIMITS OF REMOVAL UNLESS NOTED FOR TYPE "L" OPENINGS.
- ALL SCALES FOR DRAWINGS AND DETAILS ARE BASED ON 24"x36" PRINTED PLANS. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- ALL RADII FOR CURB AND GUTTER ARE DIMENSIONED TO THE BACK OF THE CURB.
- TAPER THE CURBS TO ZERO HEIGHT AT SIDEWALKS. SIDEWALK RAMPS SHALL BE BARRIER FREE AND CONSTRUCTED IN ACCORDANCE WITH THE MDOT SIDEWALK RAMP AND DETECTABLE WARNING DETAILS (R-28 SERIES). SIDEWALK JOINTS SHALL BE IN ACCORDANCE WITH THE MDOT DRIVEWAY OPENINGS & APPROACHES AND CONCRETE SIDEWALKS (R-29 SERIES) UNLESS NOTED OTHERWISE.
- EXPANSION JOINTS FOR CONCRETE CURB AND GUTTER SHALL BE PLACED AT: CURB CORNERS, BEGINNING AND ENDING OF RADII, ALL CATCH BASINS AND MANHOLES, INTERSECTION OF CURB/SIDEWALK, CURB/RETAINING WALL, CURB/BUILDING, AND EXISTING/NEW CONSTRUCTION, AT LENGTHS OF NOT MORE THAN 120' APART, AND AS SPECIFIED ELSEWHERE.
- PAVT, REM, MODIFIED SHALL INCLUDE REMOVING THE FULL DEPTH OF CONCRETE PAVEMENT INCLUDING HMA OVERLAYS, REGARDLESS OF THICKNESS. HMA SURFACE, REM, MODIFIED SHALL INCLUDE REMOVING THE FULL DEPTH OF HMA PAVEMENT REGARDLESS OF THICKNESS. ALL CURB AND GUTTER REMOVAL SHALL BE MEASURED AS CURB AND GUTTER, REM PER FT. ALL REQUIRED SAW CUTTING SHALL BE INCLUDED IN THE RESPECTIVE REMOVAL ITEMS.
- EXISTING DRAINAGE STRUCTURE COVERS FOR STORM MANHOLES THAT ARE TO REMAIN SHALL BE REPLACED WITH COVER B, MODIFIED PRIOR TO FINAL ADJUSTMENT. EXISTING DRAINAGE STRUCTURE COVERS FOR SANITARY MANHOLES SHALL BE REPLACED WITH COVER Q, MODIFIED PRIOR TO FINAL ADJUSTMENT. EXISTING CATCH BASIN COVERS THAT ARE TO REMAIN SHALL BE REPLACED WITH COVER K PRIOR TO FINAL ADJUSTMENT. INCLUDED IN THE NEW CASTING ITEMS SHALL BE TEMPORARY PLATING OF THE EXISTING STRUCTURE THROUGH THE LEVELING COURSE. FINAL ADJUSTMENT SHALL BE PAID FOR AS DR STRUCTURE COVER, ADJ, CASE ____.
- ANY SANITARY SEWER, SANITARY SEWER SERVICE LEADS, WATER MAIN, WATER SERVICES, OR STORM SEWER THAT IS DAMAGED BY THE CONTRACTOR DURING THEIR OPERATIONS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE.
- PROPERTY OWNER'S NAMES, WHERE SHOWN, ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.
- ANY EXISTING PROPERTY CORNERS SHALL BE PRESERVED. CORNERS THAT ARE DISTURBED SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF MICHIGAN AT THE CONTRACTOR'S EXPENSE.



PROPOSED TYPICAL SECTION

SCALE: 1" = 5'

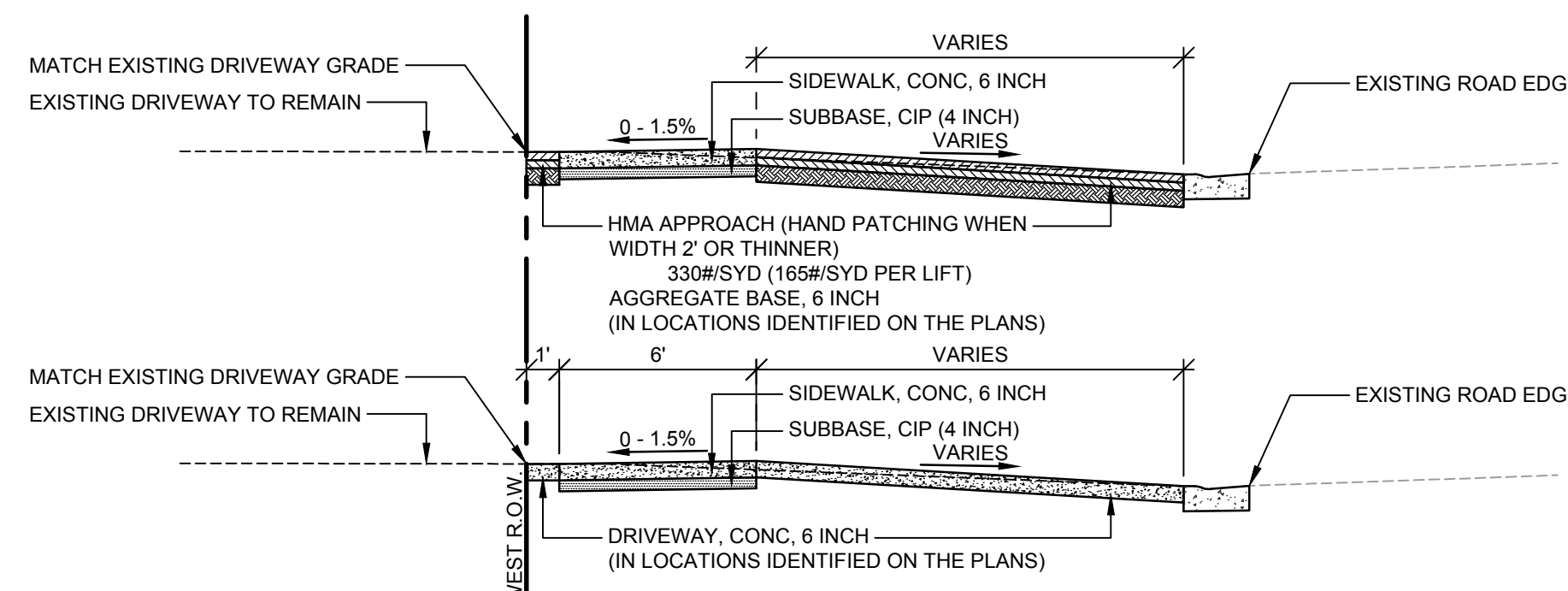
STA. 9+85 TO STA. 11+50
STA. 14+60 TO STA. 22+65



PROPOSED TYPICAL SECTION

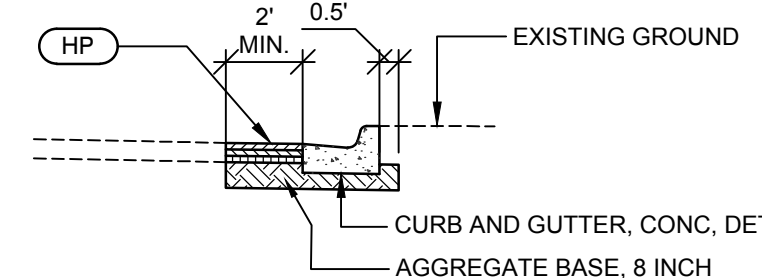
SCALE: 1" = 5'

STA. 11+50 TO STA. 14+60



PROPOSED DRIVEWAY TYPICAL SECTION

SCALE: 1" = 5'



DETAIL FOR CURB AND GUTTER REPLACEMENT

SCALE: 1" = 5'

THIS DETAIL APPLIES TO LOCATIONS AS SHOWN ON PLANS OR DETERMINED NECESSARY IN THE FIELD.

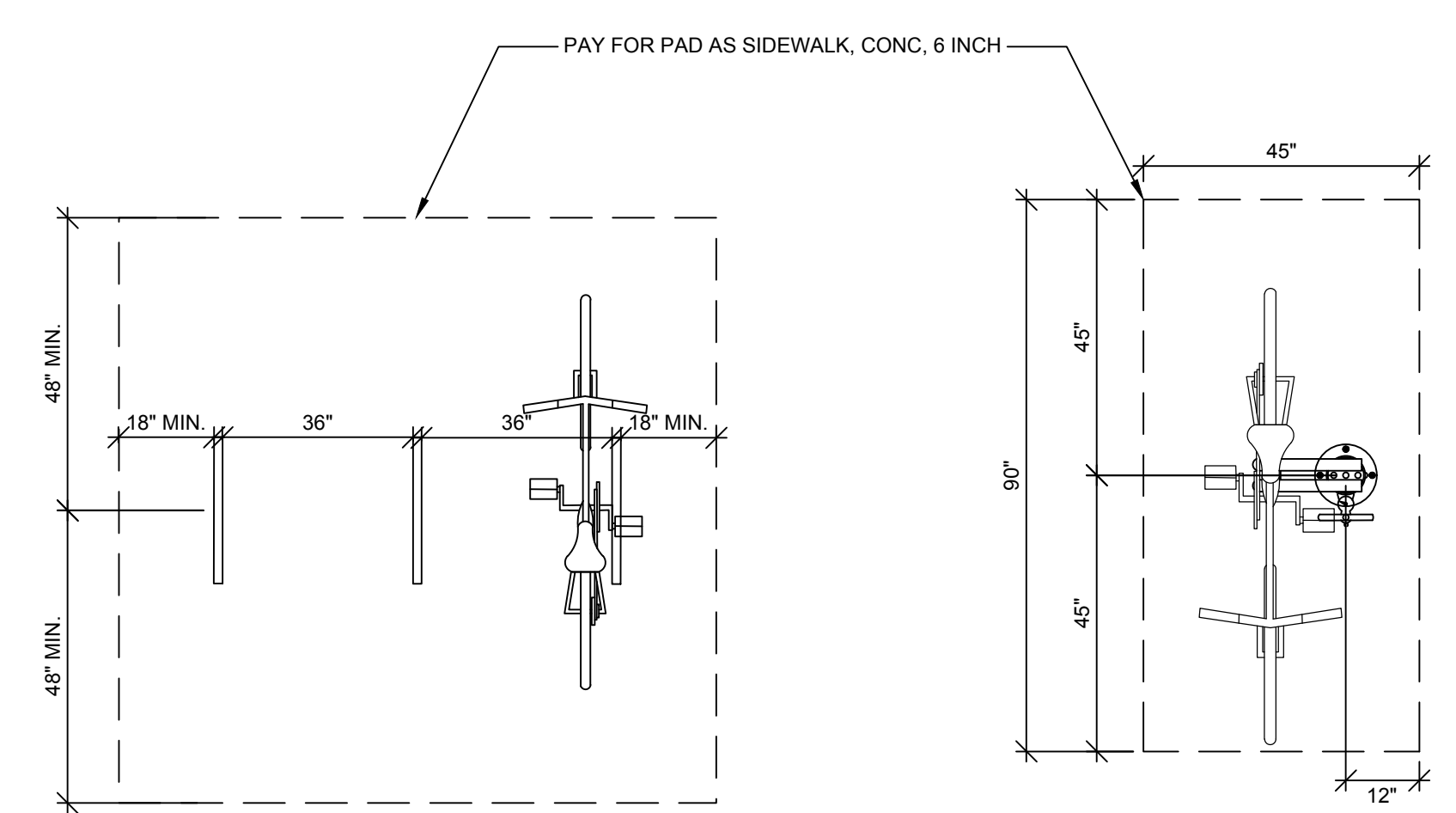
I.D.	ITEM	AWI	YIELD	PERFORMANCE GRADE	NOTES
	HMA APPROACH (HMA, 4EML)		330#/SYD (2 LIFTS OF 165#/SYD)	P.G. 64 - 28	DRIVEWAYS
	HAND PATCHING (HMA, 4EML)		330#/SYD (2 LIFTS OF 165#/SYD)	P.G. 64 - 28	DRIVEWAYS (2 FEET OR LESS WIDTH)
HP	HAND PATCHING (HMA, 4EML)		(LIFTS OF 165-275#/SYD)	P.G. 64 - 28	PLACE IN LIFTS TO MATCH KILGORE
	HMA BOND COAT (NOT A PAY ITEM)		0.05 TO 0.15 GAL/SYD	SS - 1h	

HMA APPLICATION TABLE

LEGEND

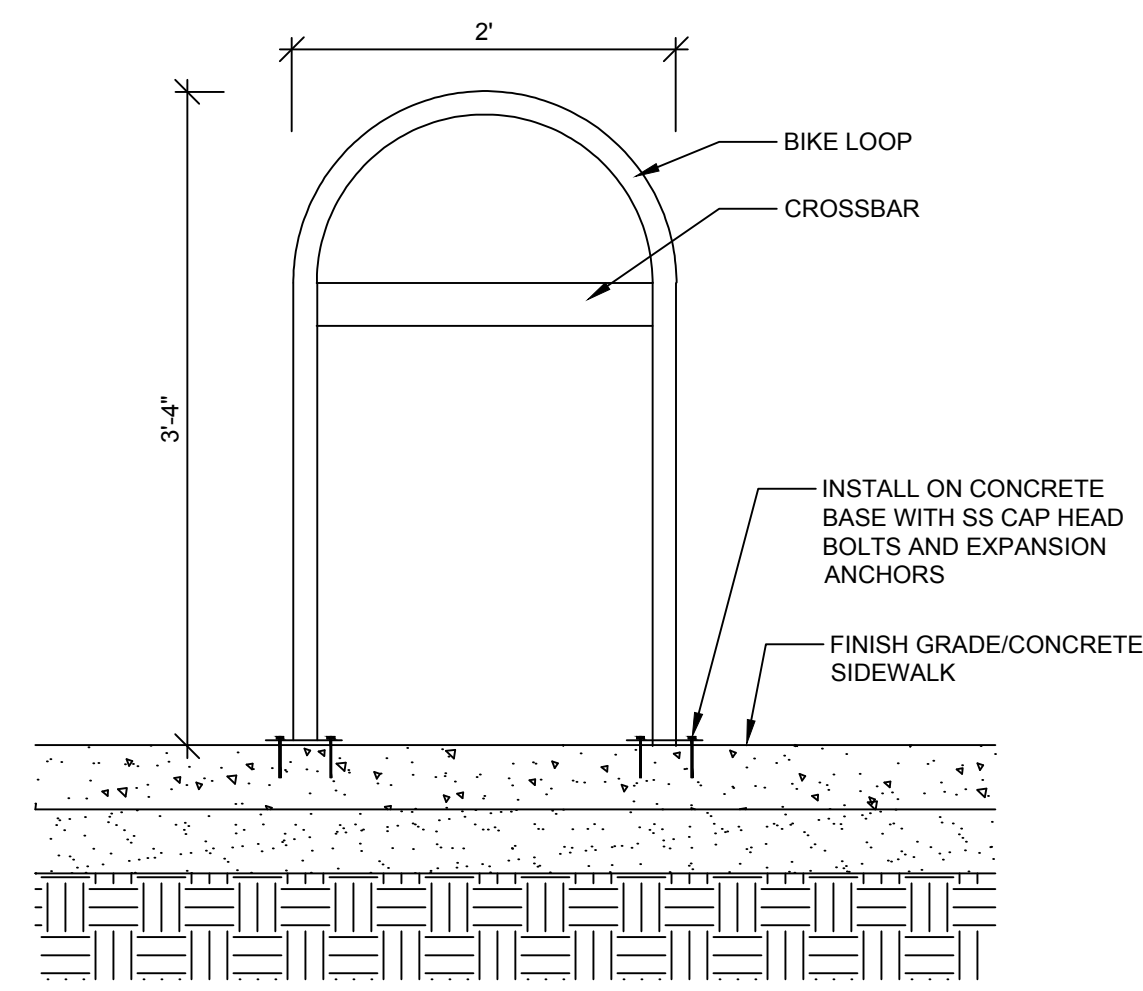
		CABLE
		ELECTRIC LINE
		ELECTRIC LINE (OVERHEAD)
		FIBER OPTIC LINE
		GAS LINE
		TELEPHONE LINE
		FORCE MAIN
		GUARDRAIL
		SANITARY SEWER
		STORM SEWER
		WATER MAIN
		CENTER LINE
		EXISTING TREE LINE
		EXISTING DITCH LINE
		EASEMENT LINE/GRADING PERMIT
		GRADING LIMITS/LIMITS OF DISTURBANCE
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		SECTION LINE
		TO BE ABANDONED

TREE DESIGNATORS

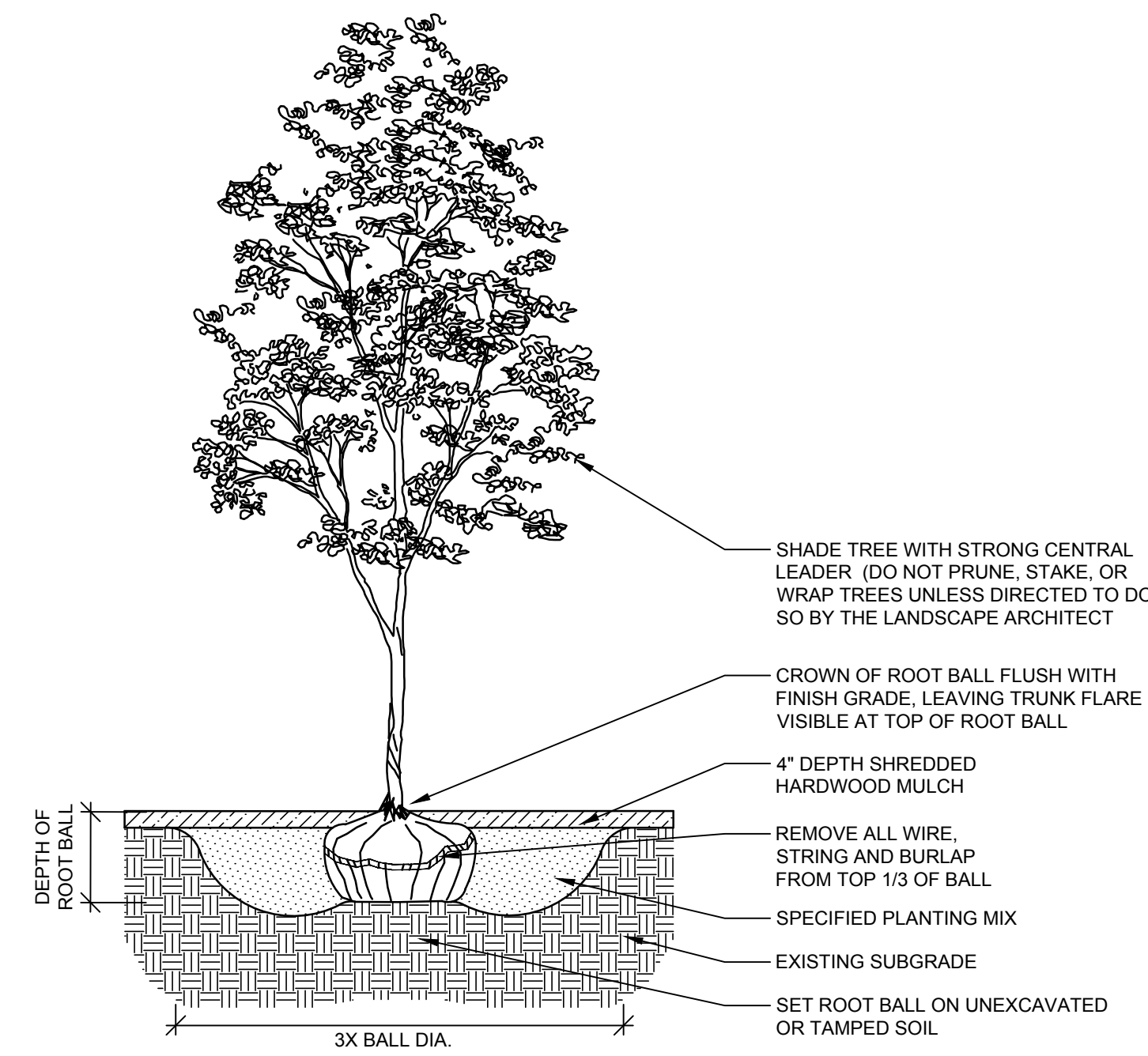


BIKE RACK CLEAR AREA

BIKE FIX IT STATION CLEAR AREA



BIKE LOOP DETAIL



TREE/SHRUB PLANTING SECTION

MISCELLANEOUS QUANTITIES

ITEM	QTY.
Mobilization, Max \$20,000	1 LSUM
Subgrade Undercutting, Type II	50 Cyd
Erosion Control, Silt Fence	100 Ft
Aggregate Base, 8 inch	15 Syd
Dr Structure Cover, Adj, Case 2	2 Ea
Hand Patching	5 Ton
Curb, Conc, Det E2	100 Ft
Curb and Gutter, Conc, Det C4	50 Ft
Stamped Concrete, 6 inch	50 Sft
Site Preparation, Max \$5,000	1 LSUM

WIGHTMAN

1670 LINCOLN RD.
ALLEGAN, MI. 49010
269.673.8465

www.gowightman.com

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E KILGORE ROAD PATH

CITY OF KALAMAZOO
415 E STOCKBRIDGE AVENUE
KALAMAZOO, MI 49001

04/12/2025	PTS
ISSUED FOR BIDS	
03/7/2024	PTS
75% SUBMITTAL	
02/3/27/2024	PTS
70% SUBMITTAL	
01/12/15/2023	PTS
30% SUBMITTAL	

REVISIONS

DATE: DECEMBER, 2025
SCALE: NONE

PROJECT NOTES, DETAILS, & TYPICAL SECTIONS

QUANTITIES THIS SHEET	
ITEM	QTY.
Sidewalk, Grading	255 Ft
Erosion Control, Inlet Protection, Fabric Drop, Modified	2 Ea
Subbase, CIP	20 Cyd
Sidewalk, Conc, 4 inch	1,350 Sft
Post, Steel, 3 pound	30 Ft
Sign, Type III, Erect, Salv	1 Ea
Ground Mtd Sign Support, Rem	2 Ea
Ginkgo Biloba Princeton Sentry, 4 inch	4 Ea
Tilia Americana 'Sentry', 4 inch	4 Ea
Slope Restoration, Non-Freeway, Type F	450 Syd

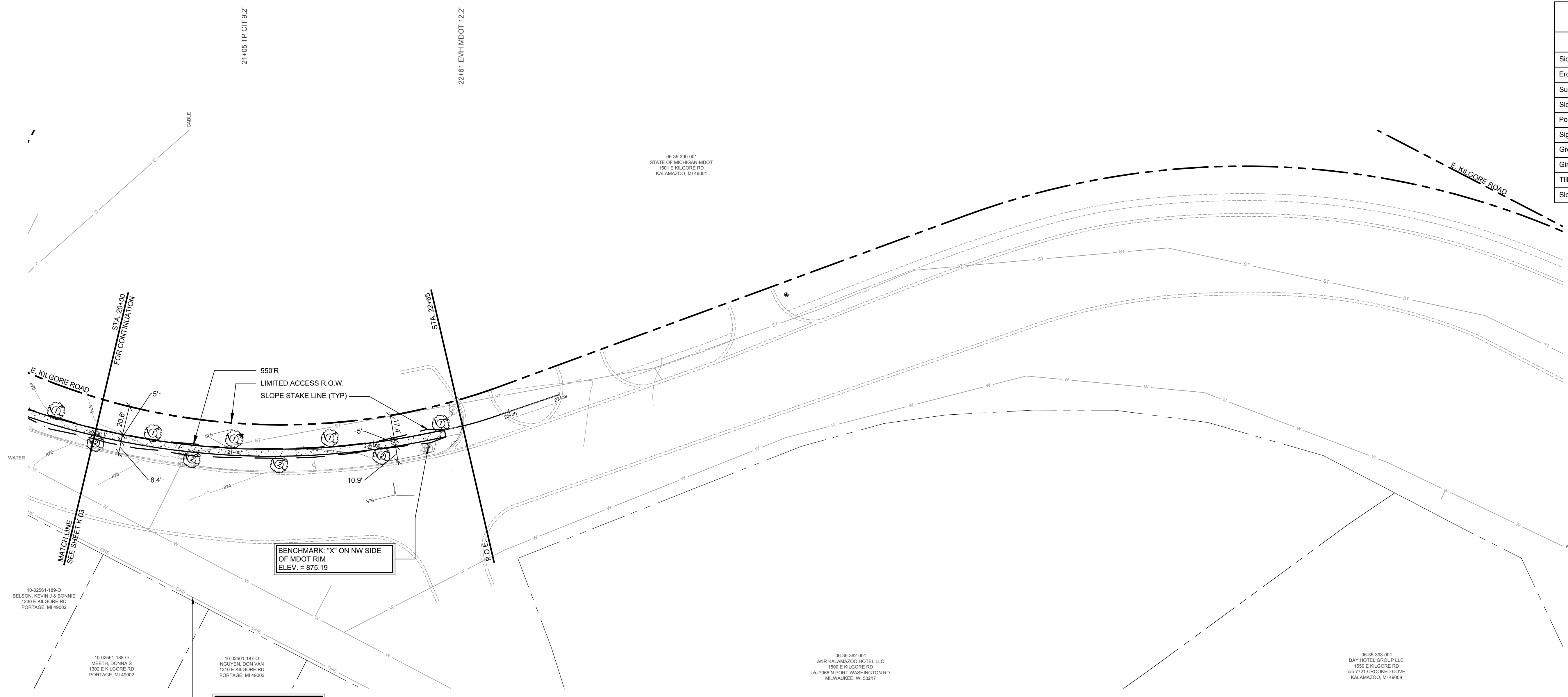
W+
WIGHTMAN

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269.327.3532

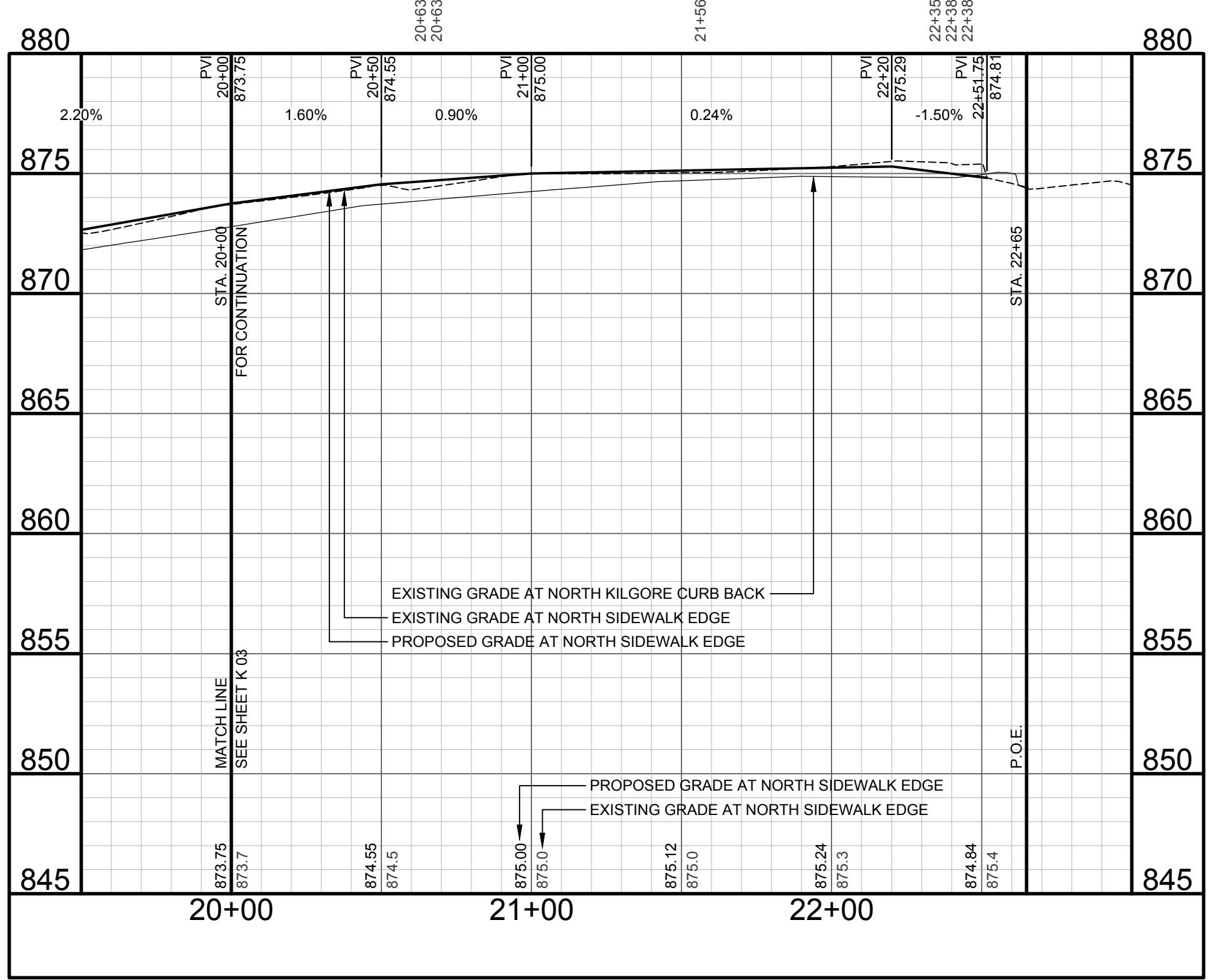
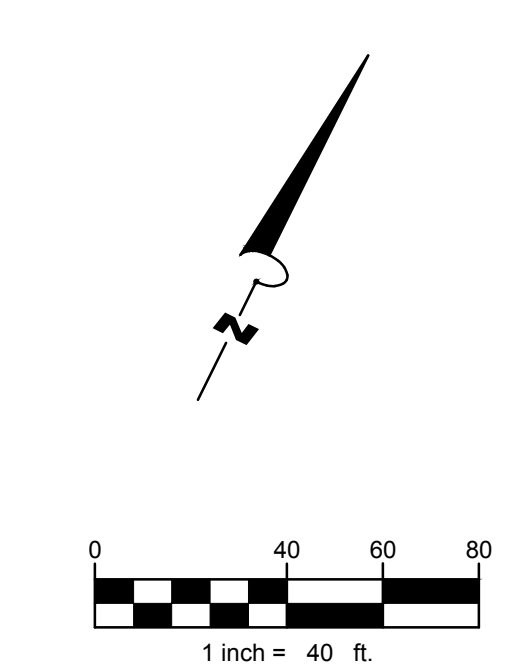
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- LANDSCAPE LEGEND**
- GINKGO BILOBA PRINCETON SENTRY, 4 INCH LOWEST BRANCH 6' PLANTED 10'-0" ON CENTER (MIN)
 - TILIA AMERICANA 'SENTRY', 4 INCH LOWEST BRANCH 6' PLANTED 10'-0" ON CENTER (MIN)
- TREE PLANTING AS DETAILED ON SHEET 02



- LEGEND**
- SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT PAID FOR AS PAVT, REM; REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK, GRADING; SURFACE WITH SUBBASE, CIP (4 INCH) AND DRIVEWAY, NONREINF. 6 INCH; MATCH GRADE AT TIE IN LOCATION.
 - GRADE AS SHOWN IN THE PROFILE AND TYPICAL SECTIONS PAID FOR AS SIDEWALK, GRADING; SURFACE WITH SUBBASE, CIP (4 INCH) AND SIDEWALK, CONC. 4 INCH; SIDEWALK, CONC. 6 INCH (THRU DRIVEWAYS); OR CURB RAMP, CONC. 6 INCH; MATCH GRADE AT TIE IN LOCATION.
 - GRADE AS REQUIRED TO DRAIN: SURFACE WITH STAMPED CONC. 6 INCH

04 12/15/2025 PTS ISSUED FOR BIDS

03 7/11/2024 PTS 75% SUBMITTAL

02 3/27/2024 PTS 70% SUBMITTAL

01 12/15/2023 PTS 30% SUBMITTAL

REVISIONS

DATE: DECEMBER, 2025
SCALE: 1" = 40'H; 5'V

PLAN AND PROFILE E KILGORE ROAD
STA. 20+00 TO STA. 22+65 (P.O.E.)

JOB No. 234179
K 04
OF 5

QUANTITIES THIS SHEET

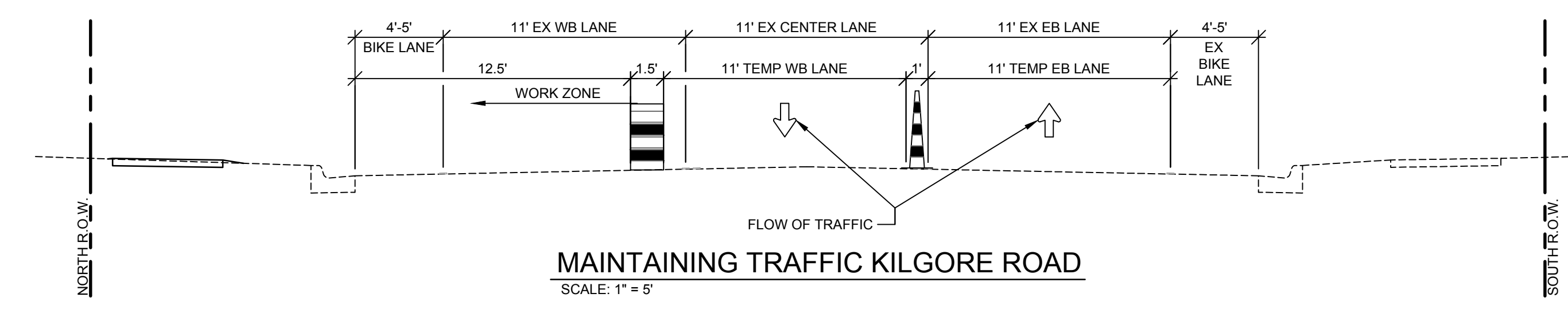
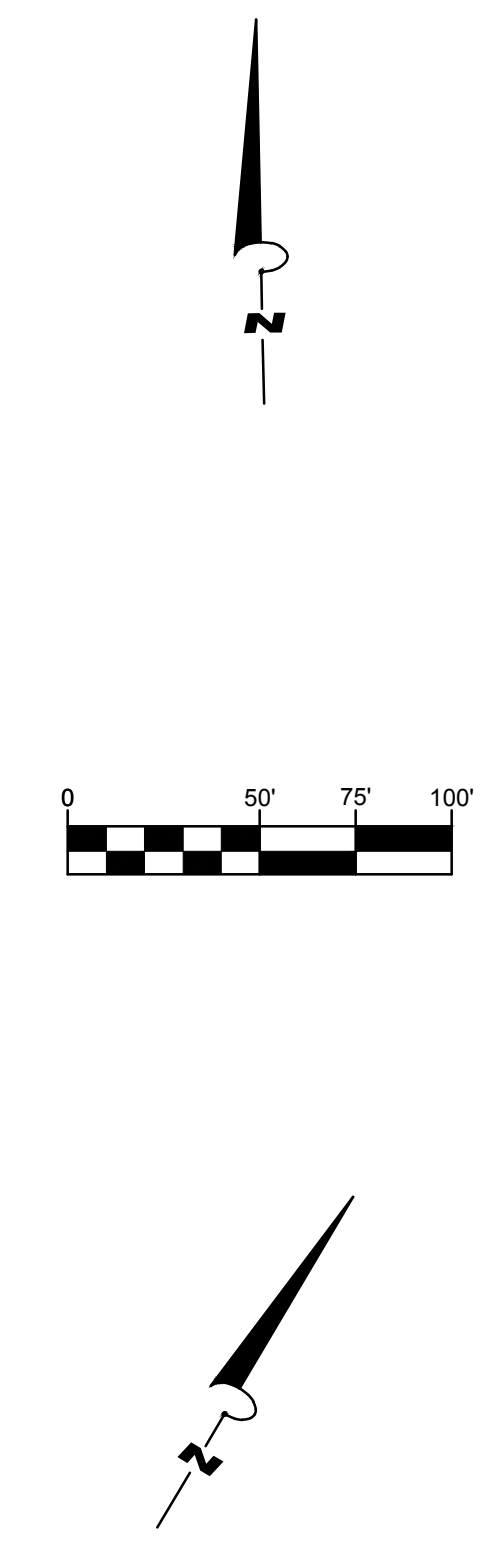
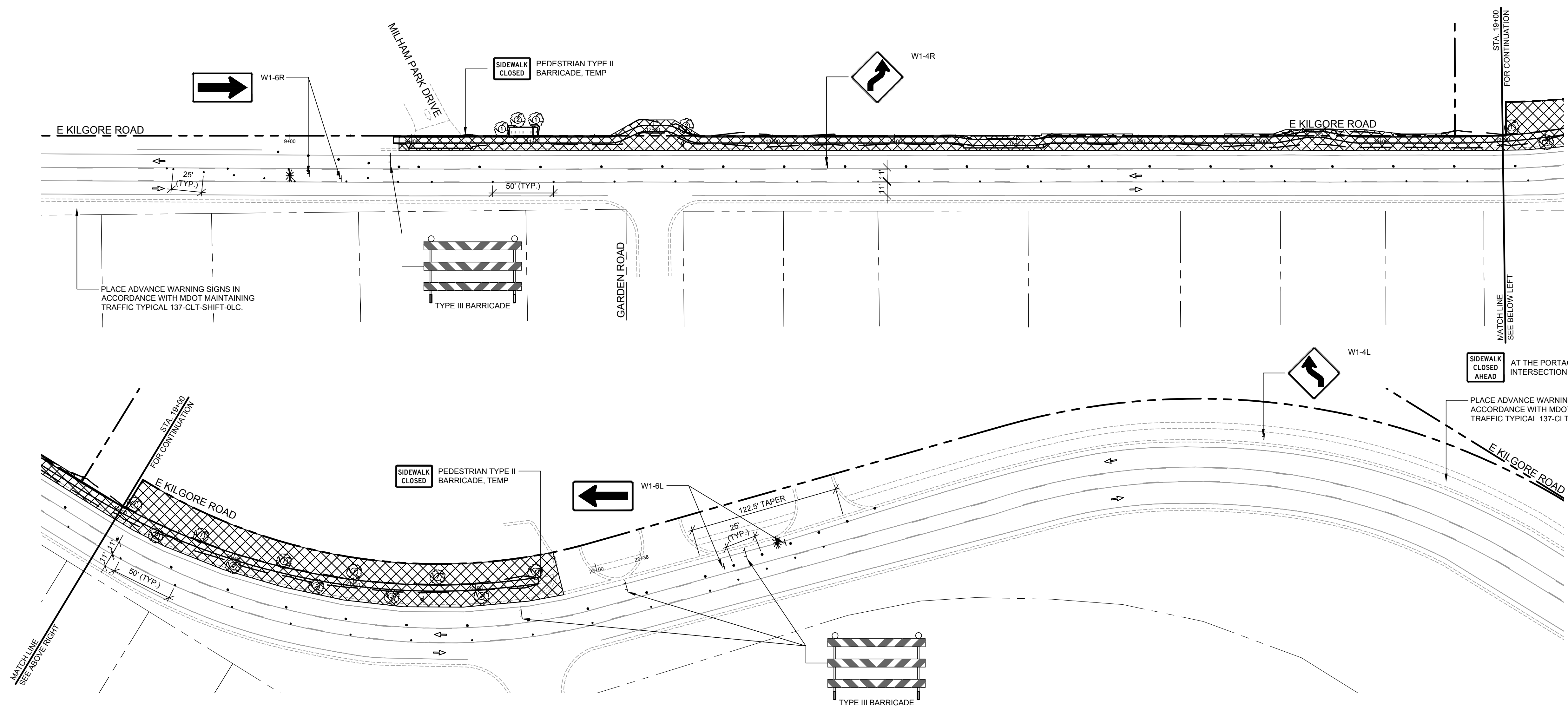
ITEM	QTY.
Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	4 Ea
Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	4 Ea
Pedestrian Type II Barricade, Temp	2 Ea
Channelizing Device, 42 inch, Fluorescent, Furn	100 Ea
Channelizing Device, 42 inch, Fluorescent, Oper	100 Ea
Lighted Arrow, Type C, Furn	2 Ea
Lighted Arrow, Type C, Oper	2 Ea
Minor Traf Devices	1 LSUM
Plastic Drum, Fluorescent, Furn	60 Ea
Plastic Drum, Fluorescent, Oper	60 Ea
Sign, Type B, Temp, Prismatic, Furn	300 Sft
Sign, Type B, Temp, Prismatic, Oper	300 Sft
Traf Regulator Control	1 LSUM





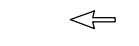

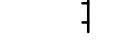
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LEGEND

-  WORK AREA
-  CHANNELIZING DEVICES
-  TRAFFIC FLOW
-  LIGHTED ARROW, TYPE C
-  BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED

REVISIONS

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MAINTAINING TRAFFIC PLAN
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JOB No. 234179
K 05
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PORTAGE STREET PATH



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REVISIONS
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P 04	PLAN AND PROFILE - PORTAGE STREET - STA. 40+00 TO STA. 50+00
P 05	PLAN AND PROFILE - PORTAGE STREET - STA. 50+00 TO STA. 53+40 (P.O.E.)
P 06	MAINTAINING TRAFFIC PLAN - PORTAGE STREET
P 07	SIDEWALK DETOUR - PORTAGE STREET
P 08	GRADING DETAILS

NOTES

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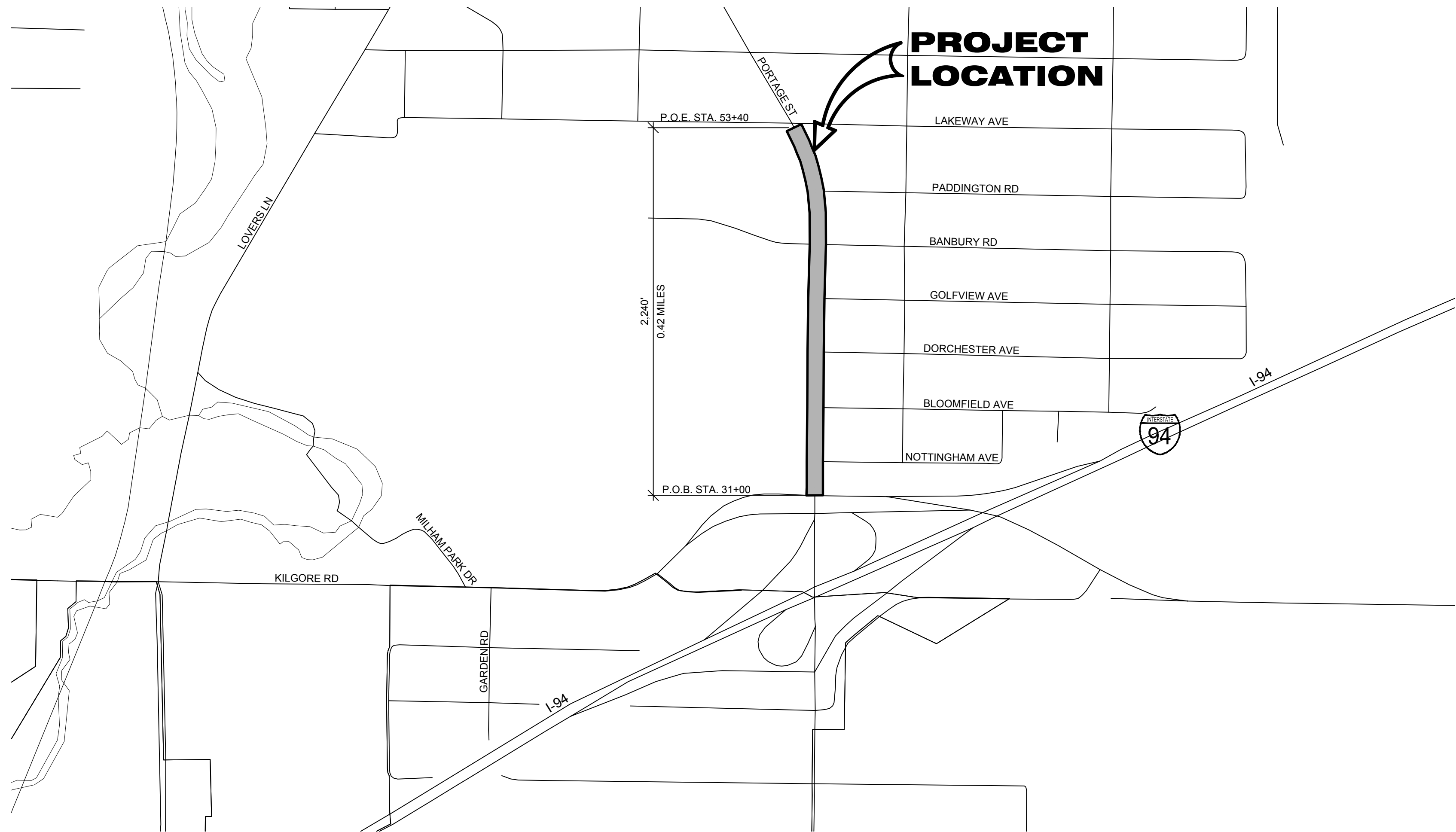
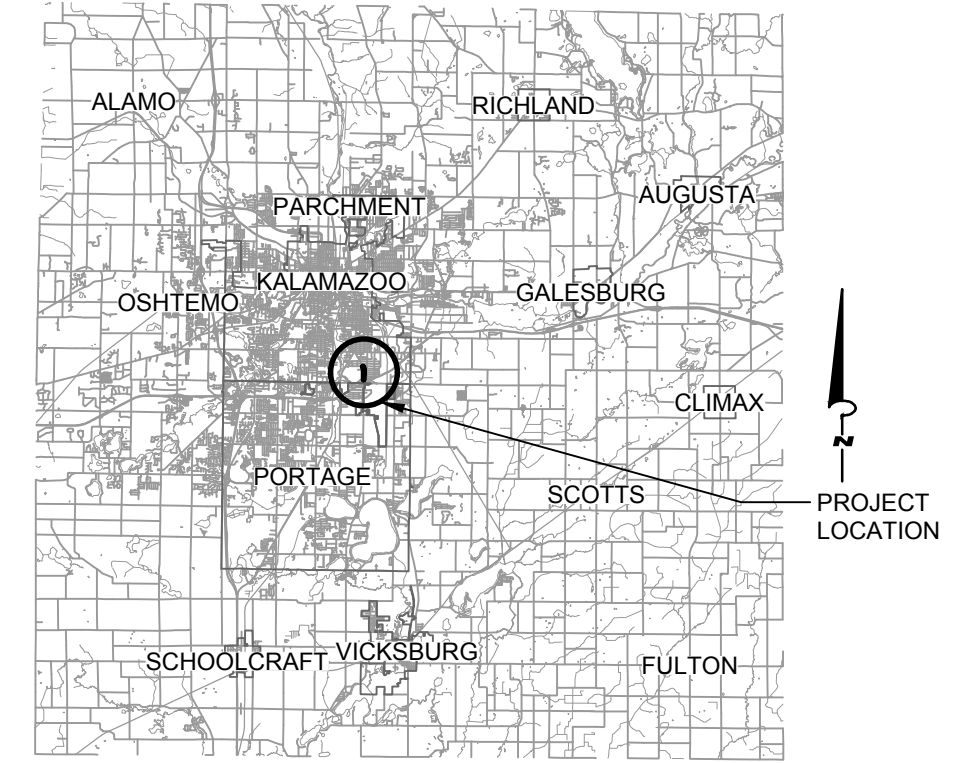
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ADT (2045)	=	28,811
DHV (2045)	=	4,326
% TRUCKS (2025 & 2045)	=	3%

UTILITIES

ELECTRIC:	CONSUMERS ENERGY 2500 E. CORK STREET KALAMAZOO, MI 49001 COLE ROCKOWIAK (317) 445-8814 COLE.ROCKOWIAK@CMSENERGY.COM
GAS:	CONSUMERS ENERGY 2500 E. CORK STREET KALAMAZOO, MI 49001 JACOB WAHLSTROM (269) 666-0707 JACOB.WAHLSTROM@CMSENERGY.COM
TELEPHONE:	AT&T 2919 MILLCORK STREET KALAMAZOO, MI 49001 PHIL BARDOCZ (269) 384-4476 PB3132@ATT.COM
FIBER OPTIC:	METRONET 13800 EAST MICHIGAN AVE GALESBURG, MI 49053 TOM WARD (269) 746-3323 THOMAS.WARD@METRONET.COM
FIBER OPTIC AND CABLE:	SPECTRUM (FIBER) CHARTER COMMUNICATIONS (CABLE) 4176 COMMERCIAL AVENUE PORTAGE, MI 49002 BRYAN LONGCORE (269) 459-8746 BRYAN.LONGCORE2@CHARTER.COM
PUBLIC WORKS AND TRAFFIC:	CITY OF KALAMAZOO 415 E. STOCKBRIDGE KALAMAZOO, MI 49001 DENNIS RANDOLPH, P.E., P.T.O.E. (269) 337-8612 RANDOLPHD@KALAMAZOOCITY.ORG
WATER:	CITY OF KALAMAZOO 415 E. STOCKBRIDGE KALAMAZOO, MI 49001 ANNA CRANDALL (269) 337-8000 CRANDALLA@KALAMAZOOCITY.ORG
SEWER:	CITY OF KALAMAZOO 415 E. STOCKBRIDGE KALAMAZOO, MI 49001 RYAN STOUGHTON (269) 337-8736 STOUGHTONR@KALAMAZOOCITY.ORG
"MISS DIG"	811



A PORTION OF THE CITY OF KALAMAZOO PROJECT LOCATION MAP
SCALE: NONE



CITY OF KALAMAZOO
 415 STOCKBRIDGE AVENUE
 KALAMAZOO, MI 49001

APPROVAL

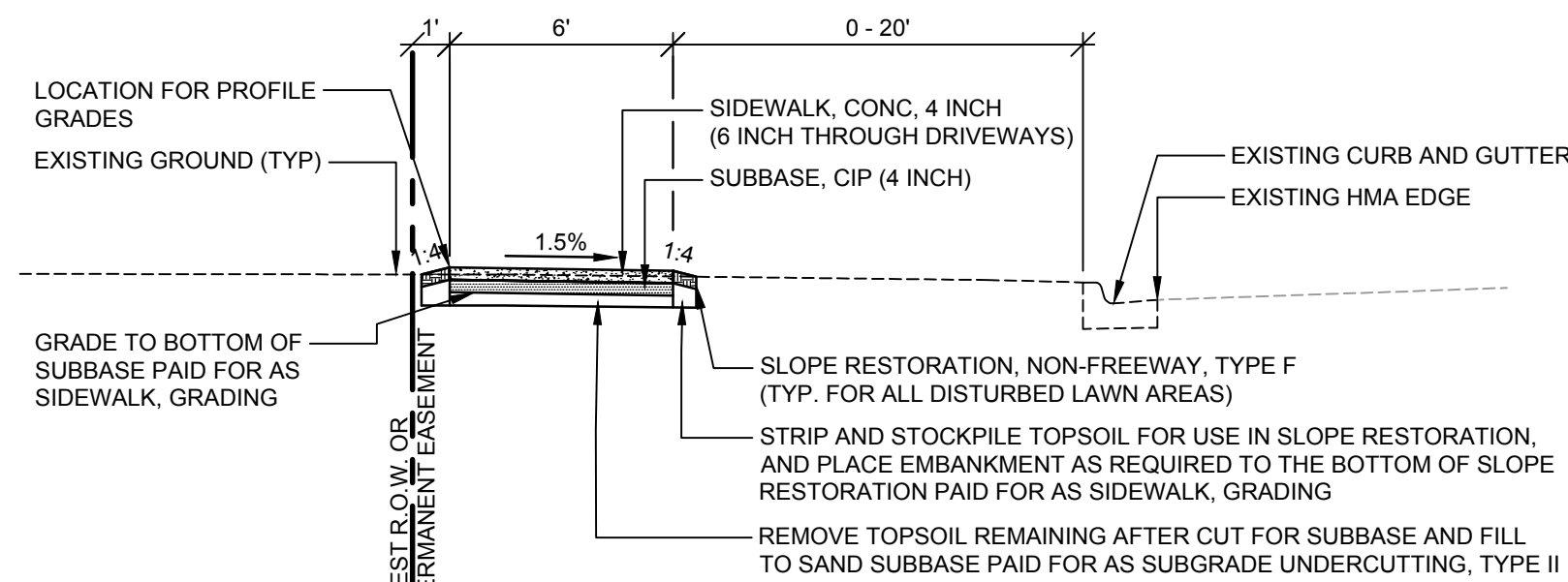
DENNIS RANDOLPH P.E., P.T.O.E.	PUBL WORKS DIV. MANAGER	DATE
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JOB No. 234179
P 01
 OF 8

COVER SHEET

PROJECT NOTES

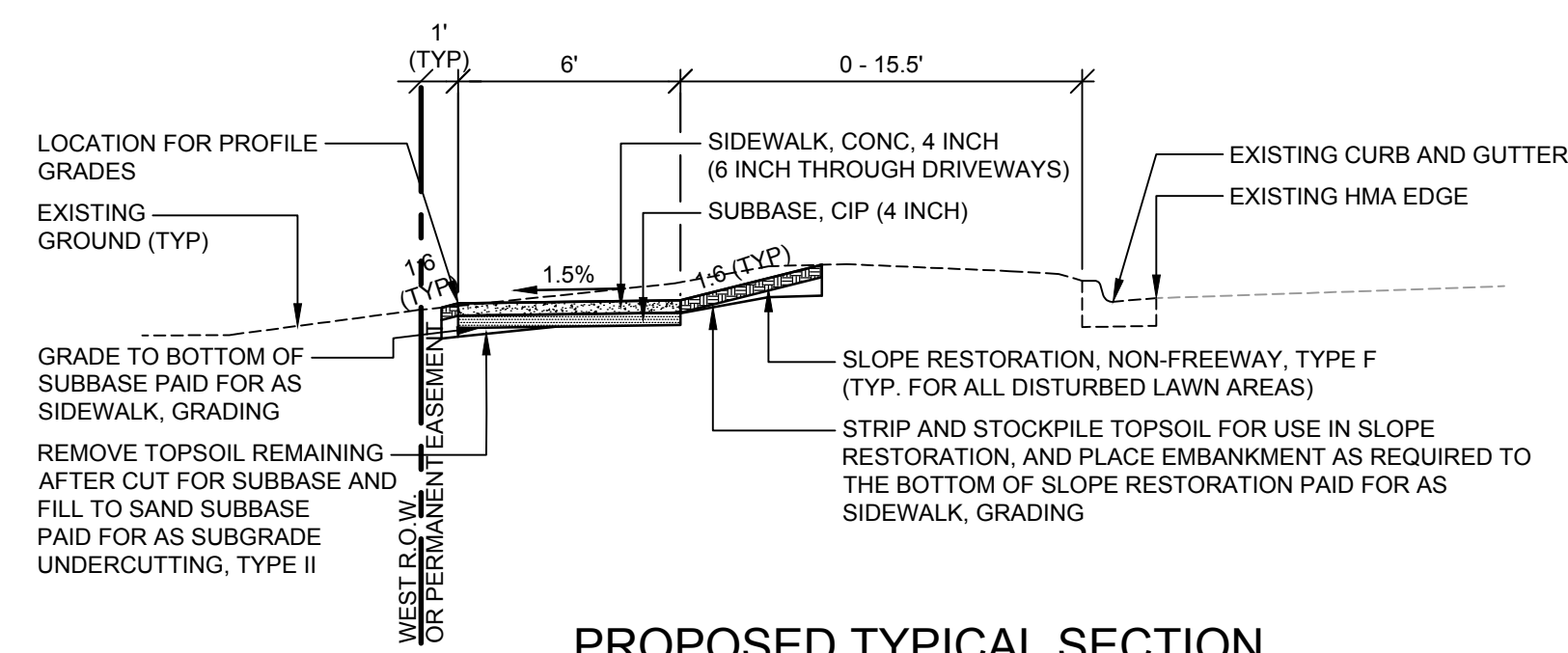
- THE "2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "STANDARD PLANS" BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ARE HEREBY INCORPORATED INTO THESE CONTRACT DOCUMENTS. COPIES OF THESE STANDARDS ARE AVAILABLE FOR INSPECTION AT THE OFFICE OF THE ENGINEER.
- THE PLACING OF TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD), AS AMENDED.
- ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS, RULES AND REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION, INCLUDING 2021 CITY OF KALAMAZOO STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE INSTALLATION.
- IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, ALL CONTRACTORS SHALL CALL MISS DIG @ 811 OR 800-482-7171 FOR PROTECTION OF UNDERGROUND UTILITIES A MINIMUM OF THREE FULL WORKING DAYS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO BEGINNING EACH EXCAVATION IN ANY AREA. MEMBERS WILL THIS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.
- THE CONTRACTOR SHALL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND SHALL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY OF KALAMAZOO TO NOTIFY THEM THAT WORK IS COMMENCING.
- THE SOIL BORINGS WERE TAKEN BY WIGHTMAN ON 10/20/2023.
- THE TEST BORINGS REPRESENT POINT INFORMATION AND MAY NOT HAVE ENCOUNTERED ALL THE TYPES AND MATERIALS WHICH ARE PRESENT AT THE SITE. THESE BORING LOGS DO NOT CONSTITUTE A GUARANTEE OF THE SOIL OR GROUNDWATER CONDITIONS, OR THAT THE TEST BORINGS ARE AN EXACT REPRESENTATION OF THE SOIL OR GROUNDWATER CONDITIONS AT ALL POINTS ON THE SITE.
- SEE PLAN SHEETS FOR SOIL BORING INFORMATION.
- THE CONTRACTOR SHALL CONDUCT THE WORK IN SUCH A MANNER SO NO EXCAVATIONS ARE LEFT OPEN OVERNIGHT. IF THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL INSTALL A TEMPORARY FENCE TO PROTECT THE EXCAVATION AT THEIR OWN EXPENSE.
- DRIVE REPLACEMENT SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
- ALL GOVERNMENT CORNERS ON THIS PROJECT SHALL BE PRESERVED, WHETHER SHOWN OR NOT. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES, AS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING DRAINAGE PATTERNS, AND SHALL RESOLVE ANY DRAINAGE PROBLEMS ON ADJACENT PROPERTIES WHICH MAY RESULT FROM THE CONTRACTOR'S ACTIVITIES.
- ADEQUATE DUST CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER IN THE FIELD, TO BE INCLUDED IN THE VARIOUS ITEMS OF WORK
- DATUM REFERS TO NAVD88 DATUM.
- SPOT ELEVATIONS WITHIN VICINITY OF PROPOSED CONCRETE CURB AND GUTTER REFER TO EDGE OF METAL ELEVATIONS. PITCH PAVEMENT/CONCRETE GUTTERS UNIFORMLY BETWEEN PROPOSED SPOT ELEVATIONS.
- ALL DRIVES SHALL HAVE C4 DETAIL CURB AND GUTTER OR MATCH EXISTING DETAIL FROM THE TYPE M OPENING TO THE R.O.W. LINE OR LIMITS OF REMOVAL UNLESS NOTED FOR TYPE "L" OPENINGS.
- ALL SCALES FOR DRAWINGS AND DETAILS ARE BASED ON 24"x36" PRINTED PLANS. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- ALL RADII FOR CURB AND GUTTER ARE DIMENSIONED TO THE BACK OF THE CURB.
- TAPER THE CURBS TO ZERO HEIGHT AT SIDEWALKS. SIDEWALK RAMPS SHALL BE BARRIER FREE AND CONSTRUCTED IN ACCORDANCE WITH THE MDOT SIDEWALK RAMP AND DETECTABLE WARNING DETAILS (R-28 SERIES). SIDEWALK JOINTS SHALL BE IN ACCORDANCE WITH THE MDOT DRIVEWAY OPENINGS & APPROACHES AND CONCRETE SIDEWALKS (R-29 SERIES) UNLESS NOTED OTHERWISE.
- EXPANSION JOINTS FOR CONCRETE CURB AND GUTTER SHALL BE PLACED AT CURB CORNERS, BEGINNING AND ENDING OF RADII, ALL CATCH BASINS AND MANHOLES, INTERSECTION OF CURB/SIDEWALK, CURB/RETAINING WALL, CURB/BUILDING, AND EXISTING/NEW CONSTRUCTION, AT LENGTHS OF NOT MORE THAN 120' APART, AND AS SPECIFIED ELSEWHERE.
- PAVT, REM, MODIFIED SHALL INCLUDE REMOVING THE FULL DEPTH OF CONCRETE PAVEMENT INCLUDING HMA OVERLAYS, REGARDLESS OF THICKNESS. HMA SURFACE, REM, MODIFIED SHALL INCLUDE REMOVING THE FULL DEPTH OF HMA PAVEMENT REGARDLESS OF THICKNESS. ALL CURB AND GUTTER REMOVAL SHALL BE MEASURED AS CURB AND GUTTER, REM PER FT. ALL REQUIRED SAW CUTTING SHALL BE INCLUDED IN THE RESPECTIVE REMOVAL ITEMS.
- EXISTING DRAINAGE STRUCTURE COVERS FOR STORM MANHOLES THAT ARE TO REMAIN SHALL BE REPLACED WITH COVER B, MODIFIED PRIOR TO FINAL ADJUSTMENT. EXISTING DRAINAGE STRUCTURE COVERS FOR SANITARY MANHOLES SHALL BE REPLACED WITH COVER Q, MODIFIED PRIOR TO FINAL ADJUSTMENT. EXISTING CATCH BASIN COVERS THAT ARE TO REMAIN SHALL BE REPLACED WITH COVER K PRIOR TO FINAL ADJUSTMENT. INCLUDED IN THE NEW CASTING ITEMS SHALL BE TEMPORARY PLATING OF THE EXISTING STRUCTURE THROUGH THE LEVELING COURSE. FINAL ADJUSTMENT SHALL BE PAID FOR AS DR STRUCTURE COVER, ADJ, CASE ____.
- ANY SANITARY SEWER, SANITARY SEWER SERVICE LEADS, WATER MAIN, WATER SERVICES, OR STORM SEWER THAT IS DAMAGED BY THE CONTRACTOR DURING THEIR OPERATIONS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE.
- THE TACTILE PLATES FOR THE ADA RAMPS WILL BE BLACK ASPHALTIC DIPPED TO MATCH EXISTING DETECTABLE WARNING PLATES THROUGHOUT THE CITY. TRUNCATED DORIES SHALL BE DUCTILE IRON MANUFACTURED AND INSTALLED IN ACCORDANCE WITH MDOT AND ADA ACCESSIBILITY GUIDELINES FOR DETECTABLE WARNINGS AND THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.
- PROPERTY OWNER'S NAMES, WHERE SHOWN, ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.
- ANY EXISTING PROPERTY CORNERS SHALL BE PRESERVED. CORNERS THAT ARE DISTURBED SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF MICHIGAN AT THE CONTRACTOR'S EXPENSE.



PROPOSED TYPICAL SECTION

SCALE: 1" = 5'

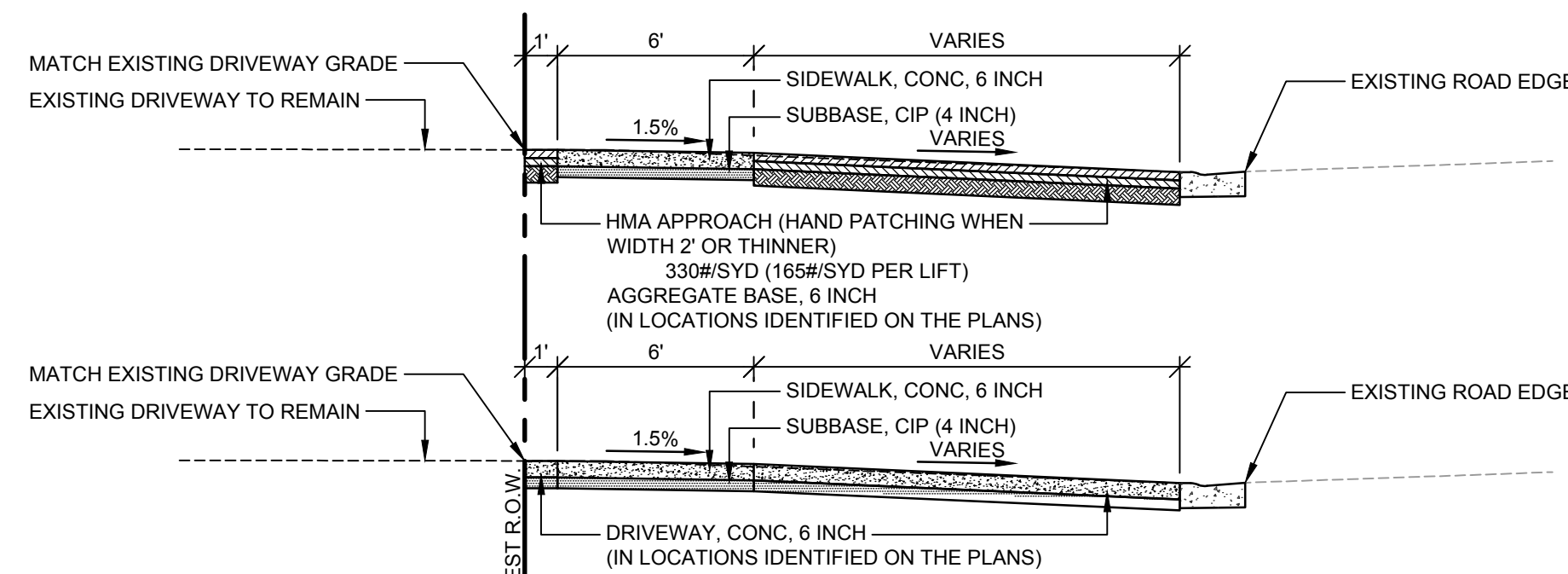
STA. 31+00 TO STA. 34+40
STA. 37+40 TO STA. 37+88
STA. 39+05 TO STA. 53+40



PROPOSED TYPICAL SECTION

SCALE: 1" = 5'

STA. 34+40 TO STA. 37+40
STA. 37+88 TO STA. 39+05

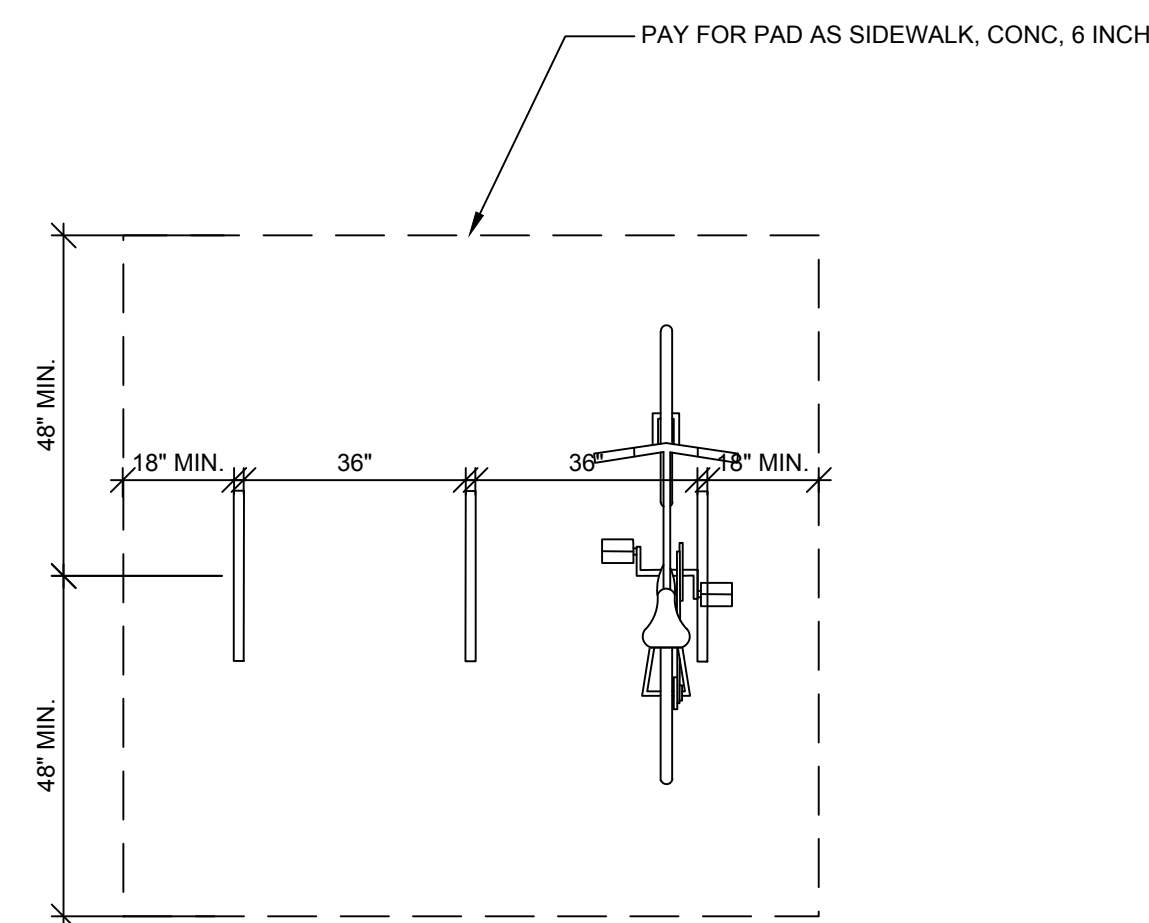


PROPOSED DRIVEWAY TYPICAL SECTION

SCALE: 1" = 5'

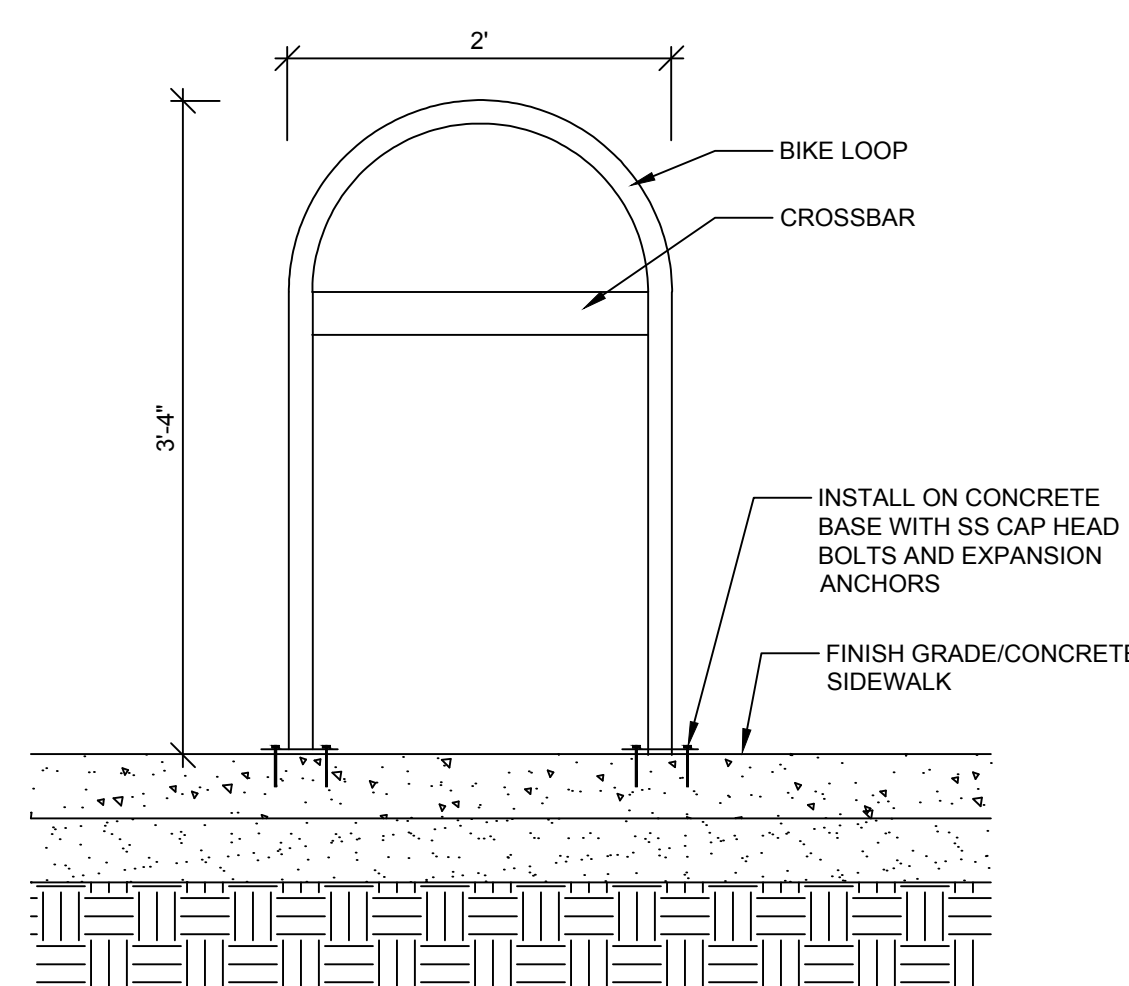
I.D.	ITEM	AWI	YIELD	PERFORMANCE GRADE	NOTES
	HMA APPROACH (HMA, 4EML)		330#/SYD (2 LIFTS OF 165#/SYD)	P.G. 64 - 28	DRIVEWAYS
	HAND PATCHING (HMA, 4EML)		330#/SYD (2 LIFTS OF 165#/SYD)	P.G. 64 - 28	DRIVEWAYS (2 FEET OR LESS WIDTH)
HP	HAND PATCHING (HMA, 4EML)		440#/SYD (2 LIFTS OF 220#/SYD)	P.G. 64 - 28	AS DIRECTED IN THE FIELD
	HMA BOND COAT (NOT A PAY ITEM)		0.05 TO 0.15 GAL/SYD	SS - 1h	

HMA APPLICATION TABLE



BIKE RACK CLEAR AREA

NOT TO SCALE.



BIKE LOOP DETAIL

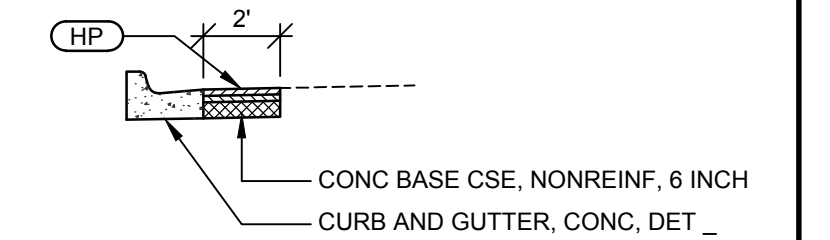
NOT TO SCALE.

MISCELLANEOUS QUANTITIES

ITEM	QTY.
Mobilization, Max \$40,000	1 LSUM
Subgrade Undercutting, Type II	50 Cyd
Erosion Control, Silt Fence	100 Ft
Dr Structure Cover, Adj, Case 2	2 Ea
Curb, Conc, Det E2	100 Ft

1670 LINCOLN RD.
ALLEGAN, MI. 49010
269.673.8465

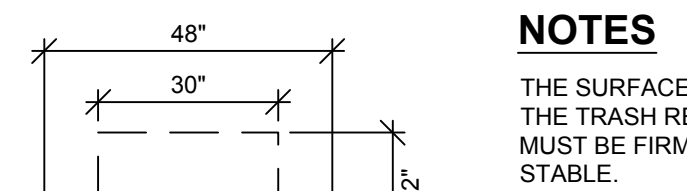
www.gowightman.com



DETAIL FOR CURB REPLACEMENT

SCALE: NOT TO SCALE

THIS DETAIL APPLIES TO LOCATIONS AS SHOWN ON PLANS



NOTES

THE SURFACE AROUND THE TRASH RECEPTACLE MUST BE FIRM AND STABLE.

A 30" X 48" MINIMUM CLEAR FLOOR SPACE IN FRONT OF THE TRASH RECEPTACLE MUST BE PROVIDED.

CLEAR SPACES MUST HAVE A SLOPE THAT DOES NOT EXCEED 2% IN ANY DIRECTION

TRASH RECEPTACLE CLEAR SPACE MUST NOT ENCRUCH INTO ACCESSIBLE ROUTE

TRASH RECEPTACLE CLEAR AREA

NOT TO SCALE.

LEGEND

EXISTING	PROPOSED	
C	C	CABLE
E	E	ELECTRIC LINE
ONE	ONE	ELECTRIC LINE (OVERHEAD)
FO	FO	FIBER OPTIC LINE
G	G	GAS LINE
T	T	TELEPHONE LINE
FM	FM	FORCEMAIN
GU	GU	GUARDRAIL
SS	SS	SANITARY SEWER
ST	ST	STORM SEWER
W	W	WATER MAIN
		CENTER LINE
		EXISTING TREE LINE
		EXISTING DITCH LINE
		EASEMENT LINE/GRADING PERMIT
		GRADING LIMITS/LIMITS OF DISTURBANCE
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		SECTION LINE
		TO BE ABANDONED

⊥	= ANTENNA	⊙	= PAVEMENT/SOIL BORING
⊠	= CATCH BASIN	⊙	= PROPOSED HYDRANT
⊠	= CABLE RISER BOX	⊙	= PROPOSED GATE VALVE & BOX
⊠	= CLEAN OUT	⊙	= PROPOSED GATE VALVE & VAULT
⊠	= CURB INLET	⊙	= PROPOSED REDUCER
⊠	= ELECTRIC MANHOLE	⊙	= PROPOSED SANITARY MANHOLE
⊠	= FIRE HYDRANT	⊙	= PROPOSED STORM MANHOLE
⊠	= FOUND IRON PIPE	⊙	= STORM MANHOLE
⊠	= GAS VALVE	⊙	= TELEPHONE MANHOLE
⊠	= GUY ANCHOR	⊙	= TELEPHONE RISER BOX
⊠	= LIGHT POLE	⊙	= TURNING POINT/TRVERSE
⊠	= MAILBOX	⊙	= UTILITY POLE
⊠	= MONITORING WELL	⊙	= VAULT
⊠	= POST	⊙	= WATER ELEVATION
⊠	= SATELLITE DISH	⊙	= WATER MANHOLE
⊠	= SANITARY MANHOLE	⊙	= WATER METER
⊠	= SECTION CORNER	⊙	= WATER VALVE
⊠	= SIGN	⊙	= WATER SPIGOT
⊠		⊙	= WELL

TREE DESIGNATORS

⊠	BUSH	⊠	STUMP
⊠	CONIFEROUS TREE	⊠	DECIDUOUS TREE
⊠	CONIFEROUS TREE TO BE REMOVED	⊠	DECIDUOUS TREE TO BE REMOVED

PROJECT NAME:
PORTAGE STREET PATH

CITY OF KALAMAZOO
415 E STOCKBRIDGE AVENUE
KALAMAZOO, MI 49001

04/12/15/2025	PTS
ISSUED FOR BIDS	
03/7/1/2024	PTS
75% SUBMITTAL	
02/3/27/2024	PTS
70% SUBMITTAL	
01/12/15/2023	PTS
30% SUBMITTAL	

REVISIONS

DATE: DECEMBER, 2025
SCALE: NONE

PROJECT NOTES, DETAILS, & TYPICAL SECTIONS

QUANTITIES THIS SHEET

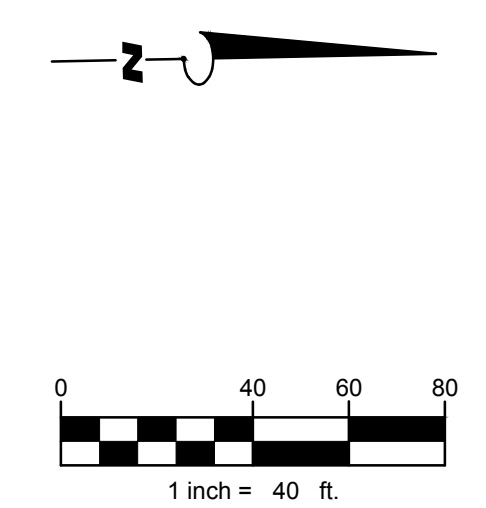
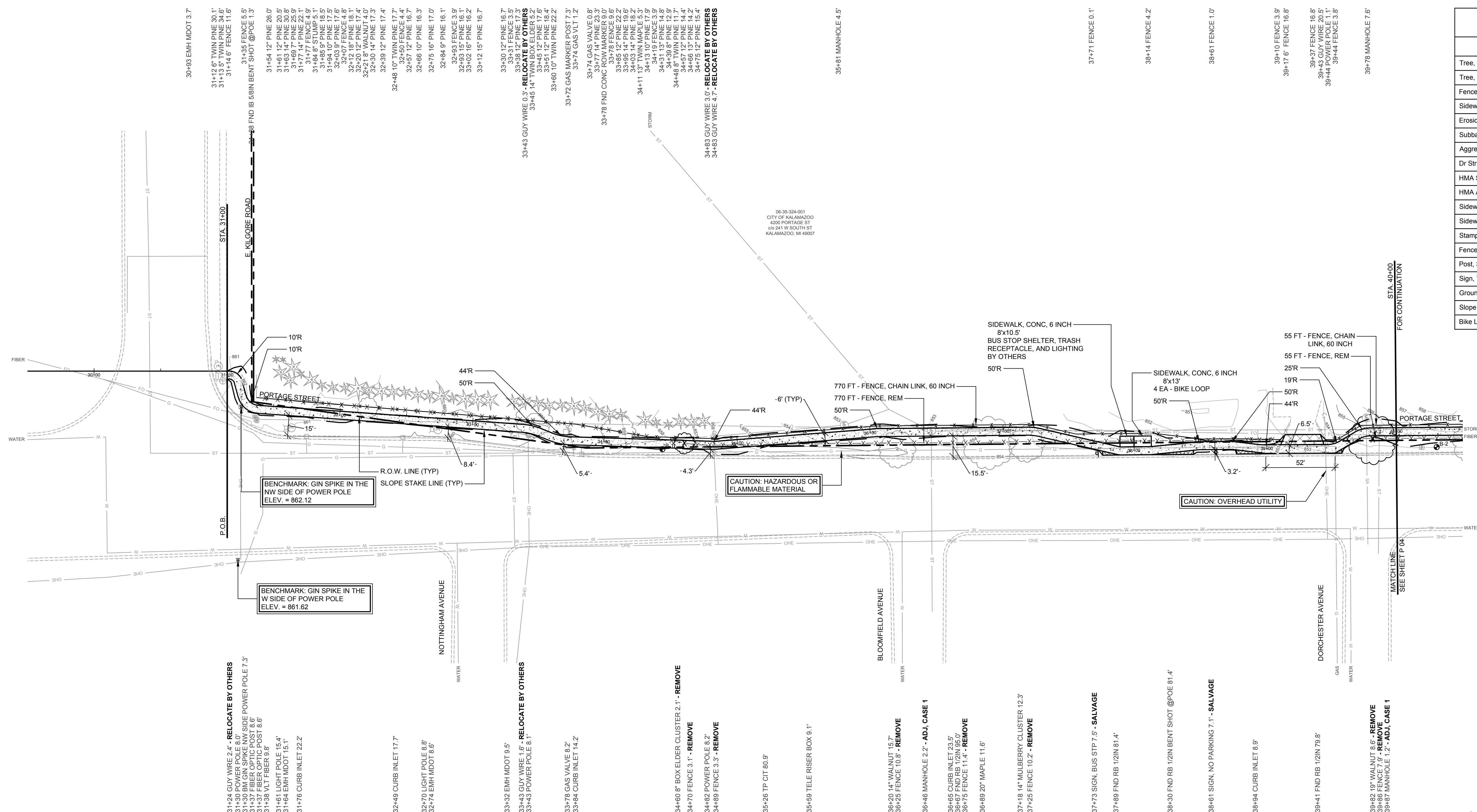
ITEM	QTY.
Tree, Rem, 19 inch to 36 inch	1 Ea
Tree, Rem, 6 inch to 18 inch	1 Ea
Fence, Rem	825 Ft
Sidewalk, Grading	900 Ft
Erosion Control, Inlet Protection, Fabric Drop, Modified	6 Ea
Subbase, CIP	75 Cyd
Aggregate Base, 6 inch	30 Syd
Dr Structure Cover, Adj, Case 1	2 Ea
HMA Surface, Rem	475 Syd
HMA Approach	5 Ton
Sidewalk, Conc, 4 inch	5,000 Sft
Sidewalk, Conc, 6 inch	760 Sft
Stamped Concrete, 6 inch	150 Sft
Fence, Chain Link, 60 inch	825 Ft
Post, Steel, 3 pound	30 Ft
Sign, Type III, Erect, Salv	5 Ea
Ground Mtd Sign Support, Rem	2 Ea
Slope Restoration, Non-Freeway, Type F	900 Syd
Bike Loop	4 Ea

WIGHTMAN
433 E. RANSOM ST.
KALAMAZOO, MI. 49007
269.327.3532
www.gowightman.com

PROJECT NAME:
PORTAGE STREET PATH

CITY OF KALAMAZOO
415 E STOCKBRIDGE AVENUE
KALAMAZOO, MI 49001

JOB No. 234179
P 03
OF 8



BORINGS

B-1 0 - 15" TOPSOIL & SHOULDER GRAVEL WITH ASPHALT CHUNKS
15 - 44" DARK BROWN MEDIUM SAND
44 - 54" BROWN FINE TO MEDIUM SAND
54 - 60" BROWN FINE TO COARSE SAND

60" END OF BORING

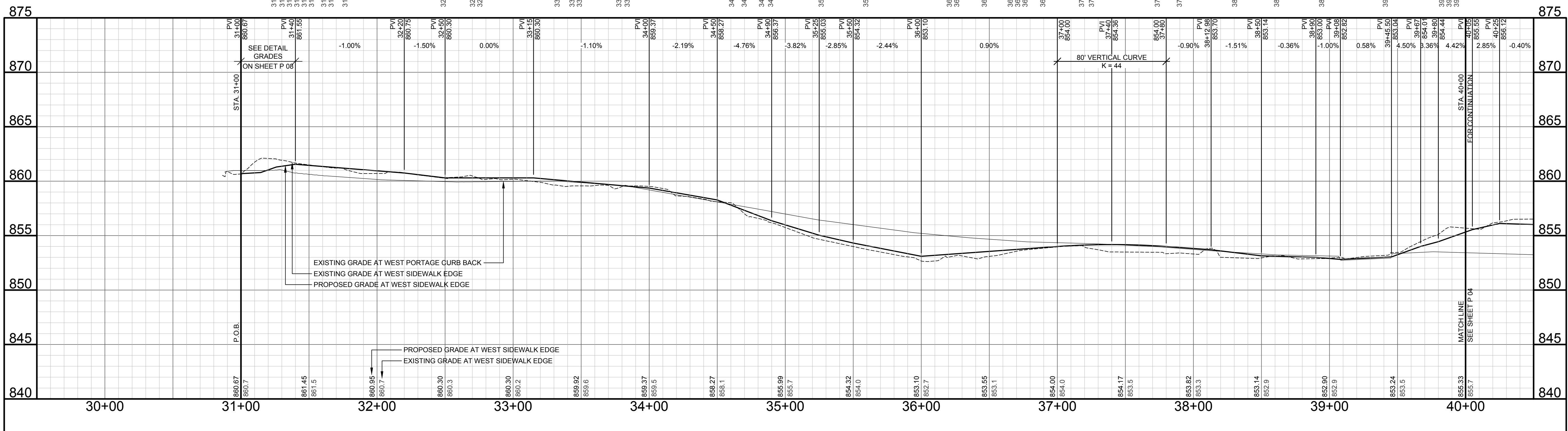
LEGEND

- SAWCUT AND REMOVE EXISTING HMA PAVEMENT PAID FOR AS HMA SURFACE. REM: REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK. GRADING: SURFACE WITH AGGREGATE BASE, 6 INCH; 330#/SYD HMA. APPROACH (HAND PATCHING WHEN WIDTH 2' OR THINNER) (165#/SYD PER LIFT). MATCH GRADE AT TIE IN LOCATION.
- SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT PAID FOR AS PAVT, REM: REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK. GRADING: SURFACE WITH SUBBASE, CIP (4 INCH) AND DRIVEWAY, NONREINF. 6 INCH. MATCH GRADE AT TIE IN LOCATION.
- GRADE AS SHOWN IN THE PROFILE AND TYPICAL SECTIONS PAID FOR AS SIDEWALK, GRADING: SURFACE WITH SUBBASE, CIP (4 INCH) AND SIDEWALK, CONC. 4 INCH; SIDEWALK, CONC. 6 INCH (THRU DRIVEWAYS); OR CURB RAMP, CONC. 6 INCH. MATCH GRADE AT TIE IN LOCATION.
- GRADE AS REQUIRED TO DRAIN: SURFACE WITH STAMPED CONC. 6 INCH
- PROVIDE DETECTABLE WARNING SURFACE, MODIFIED AT ALL SIDEWALK/CURB INTERFACES AND OTHER LOCATIONS SHOWN ON THE PLANS.

REVISIONS

04/12/15/2025	PTS	ISSUED FOR BIDS
03/7/1/2024	PTS	75% SUBMITTAL
02/3/27/2024	PTS	70% SUBMITTAL
01/12/15/2023	PTS	30% SUBMITTAL

PLAN AND PROFILE
PORTAGE STREET
STA. 31+00 (P.O.B.) TO STA. 40+00



30+69 EMH MDOT 3.7
31+12.6" TWIN PINE 30.1'
31+13.5" TWIN PINE 24.6'
31+14.6" FENCE 11.6'
31+35 FENCE 5.5'
31+54 12" PINE 26.0'
31+63 14" PINE 30.8'
31+69 7" PINE 25.9'
31+77 14" PINE 22.1'
31+84 6" STUMP 5.1'
31+85 9" PINE 18.5'
31+92 15" PINE 18.1'
32+07 FENCE 4.8'
32+12 18" PINE 18.1'
32+21 8" WALNUT 4.0'
32+30 14" PINE 17.3'
32+39 12" PINE 17.4'
32+48 10" TWIN PINE 17.7'
32+50 FENCE 4.4'
32+51 10" PINE 16.3'
32+66 10" PINE 16.3'
32+75 16" PINE 17.0'
32+84 9" PINE 16.1'
32+93 FENCE 3.9'
32+102 15" PINE 16.2'
33+12 15" PINE 16.7'
33+30 12" PINE 16.7'
33+38 12" PINE 17.3'
33+43 GUY WIRE 0.3' - RELOCATE BY OTHERS
33+45 14" TWIN PINE 17.2'
33+51 12" PINE 18.4'
33+60 10" TWIN PINE 22.2'
33+72 GAS MARKER POST 7.3'
33+74 GAS VLT 1.2'
33+74 GAS VALVE 0.8'
33+77 14" PINE 23.3'
33+85 12" PINE 22.2'
33+85 14" PINE 19.6'
33+85 14" PINE 19.6'
33+85 14" PINE 19.6'
34+11 13" TWIN MAPLE 5.2'
34+13 10" PINE 17.9'
34+19 FENCE 3.9'
34+39 8" PINE 12.9'
34+48 8" TWIN PINE 11.7'
34+56 13" PINE 14.2'
34+75 12" PINE 15.4'
34+83 GUY WIRE 3.0' - RELOCATE BY OTHERS
34+85 GUY WIRE 4.7' - RELOCATE BY OTHERS
35+81 MANHOLE 4.5'
37+71 FENCE 0.1'
38+14 FENCE 4.2'
38+61 FENCE 1.0'
39+10 FENCE 3.9'
39+17 6" FENCE 16.8'
39+37 FENCE 16.8'
39+45 GUY WIRE 20.5'
39+44 6" FENCE 3.8'
39+78 MANHOLE 7.6'

31+24 GUY WIRE 2.4' - RELOCATE BY OTHERS
31+30 BM GIN SPIKE NW SIDE POWER POLE 7.3'
31+37 FIBER OPTIC POST 8.6'
31+38 MULTIFIBER 9.8'
31+64 EMH MDOT 15.1'
31+76 CURB INLET 22.2'
32+49 CURB INLET 17.7'
32+70 LIGHT POLE 8.8'
32+74 EMH MDOT 8.6'
33+32 EMH MDOT 9.5'
33+43 GUY WIRE 1.6' - RELOCATE BY OTHERS
33+43 POWER POLE 8.1'
33+78 GAS VALVE 8.2'
33+84 CURB INLET 14.2'
34+60 8" BOX ELDER CLUSTER 2.1' - REMOVE
34+70 FENCE 3.1' - REMOVE
34+82 POWER POLE 8.2'
34+89 FENCE 3.3' - REMOVE
35+26 TP OT 80.9'
35+59 TELE RISER BOX 9.1'
36+46 MANHOLE 2.2' - ADJ. CASE 1
36+65 CURB INLET 23.5'
36+67 FND RB 1/2IN 95.0'
36+75 FENCE 11.4' - REMOVE
36+89 20" MAPLE 11.6'
37+18 14" MULBERRY CLUSTER 12.3'
37+25 FENCE 10.2' - REMOVE
37+73 SIGN, BUS STP 7.5' - SALVAGE
37+89 FND RB 1/2IN 81.4'
38+30 FND RB 1/2IN BENT SHOT @ POE 81.4'
38+61 SIGN, NO PARKING 7.1' - SALVAGE
38+94 CURB INLET 8.9'
39+41 FND RB 1/2IN 79.8'
39+82 18" WALNUT 8.6' - REMOVE
39+85 FENCE 7.7' - REMOVE
39+87 MANHOLE 1.6' - ADJ. CASE 1

875
870
865
860
855
850
845
840
30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00

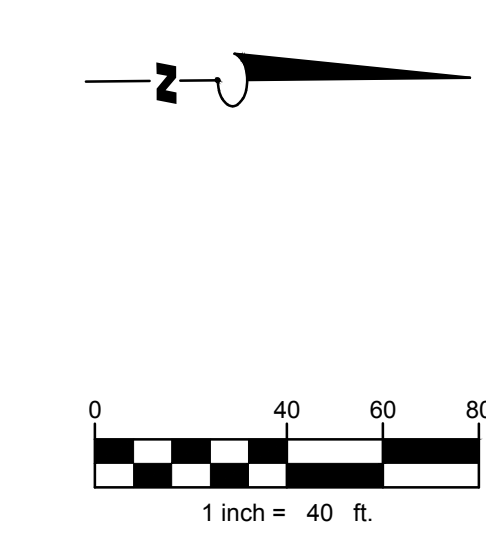
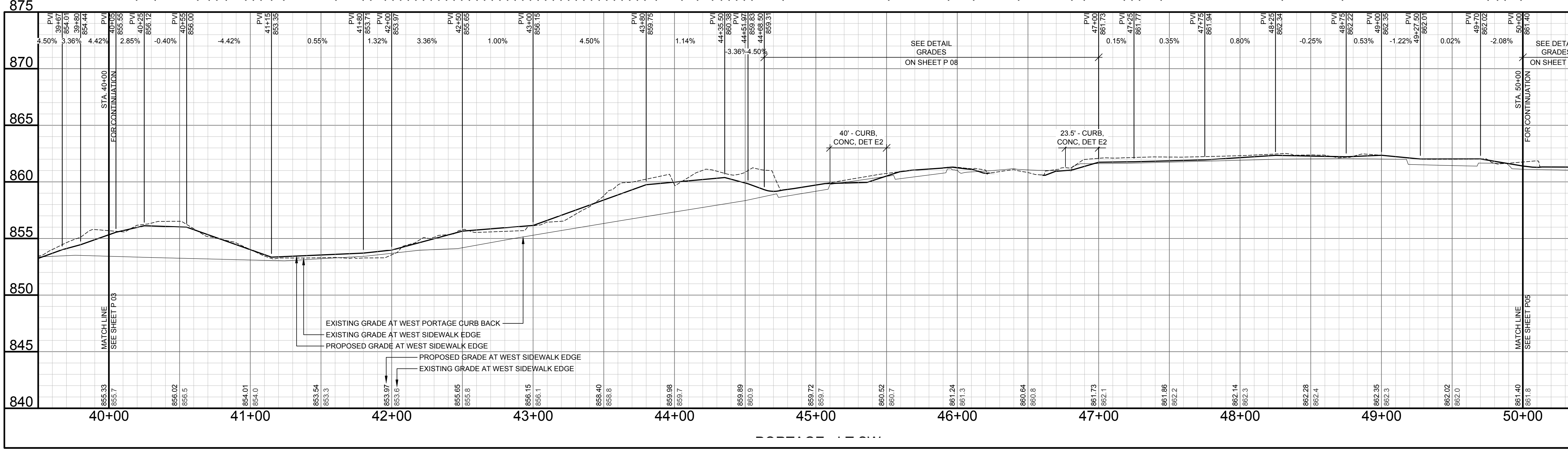
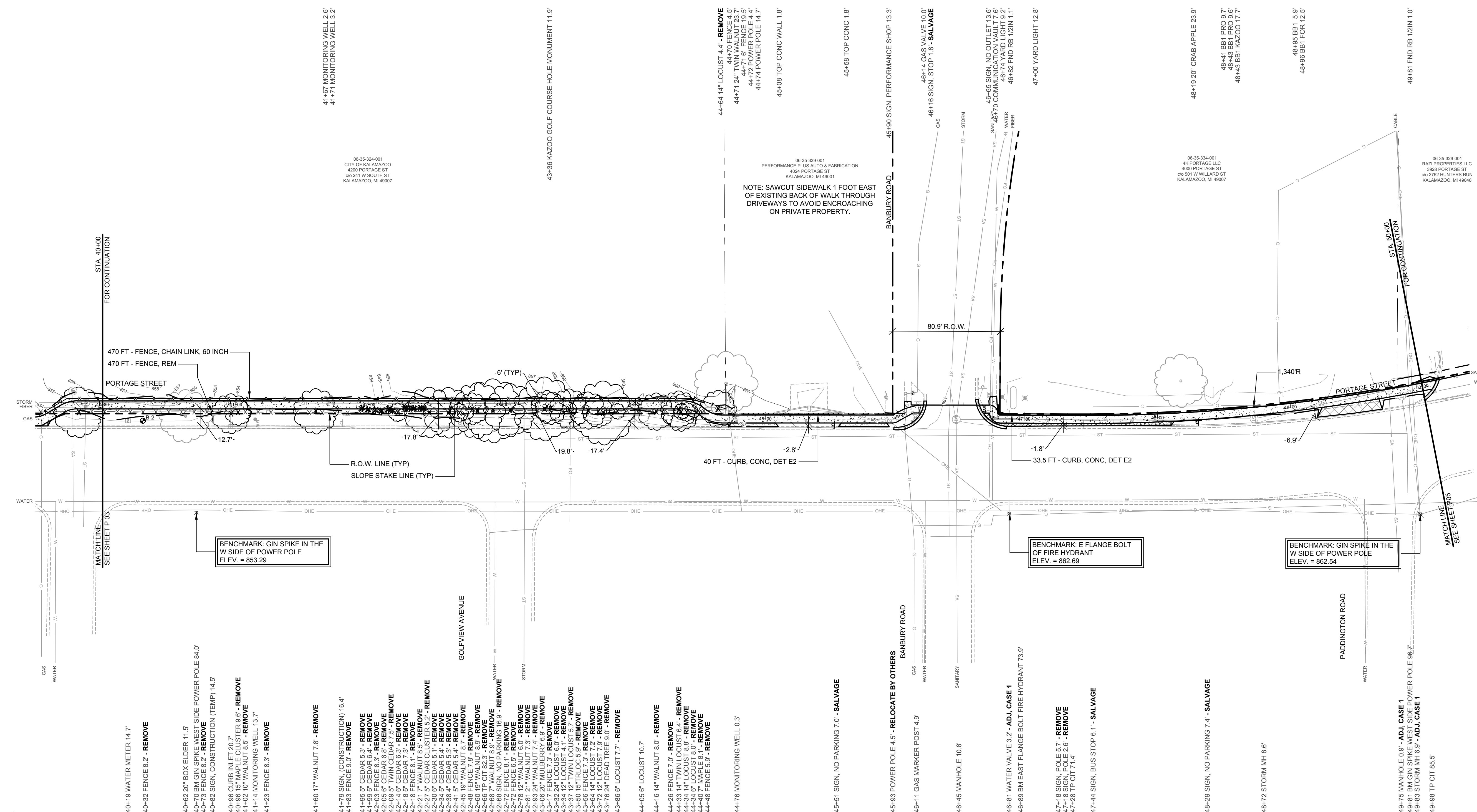
QUANTITIES THIS SHEET

ITEM	QTY.
Tree, Rem, 19 inch to 36 inch	7 Ea
Tree, Rem, 6 inch to 18 inch	29 Ea
Curb and Gutter, Rem	80 Ft
Fence, Rem	470 Ft
Sidewalk, Rem	100 Syd
Pavt, Rem, Modified	40 Syd
Sidewalk, Grading	960 Ft
Erosion Control, Inlet Protection, Fabric Drop, Modified	3 Ea
Subbase, CIP	80 Cyd
Aggregate Base, 6 inch	90 Syd
Dr Structure Cover, Adj, Case 1	2 Ea
HMA Surface, Rem	130 Syd
Hand Patching	5 Ton
HMA Approach	15 Ton
Conc Base Cse, Nonreinf, 6 inch	25 Syd
Driveway, Nonreinf Conc, 6 inch	25 Syd
Curb, Conc, Det E2	75 Ft
Curb and Gutter, Conc, Det C4	60 Ft
Curb Ramp Opening, Conc	30 Ft
Sidewalk, Conc, 4 inch	5,100 Sft
Sidewalk, Conc, 6 inch	760 Sft
Curb Ramp, Conc, 6 inch	130 Sft
Detectable Warning Surface, Modified	15 Ft
Stamped Concrete, 6 inch	300 Sft
Fence, Chain Link, 60 inch	470 Ft
Sign, Type III, Erect, Salv	7 Ea
Ground Mtd Sign Support, Rem	6 Ea
Slope Restoration, Non-Freeway, Type F	900 Syd
Gate Box, Adj, Case 1	2 Ea

W+
WIGHTMAN
433 E. RANSOM ST.
KALAMAZOO, MI. 49007
269.327.3532
www.gowightman.com

PROJECT NAME:
PORTAGE STREET PATH

CITY OF KALAMAZOO
415 E STOCKBRIDGE AVENUE
KALAMAZOO, MI 49001



BORINGS
B-2 0-22" TOPSOIL
22-40" COARSE SAND WITH GRAVEL
40' END OF BORING (CAVES IN)

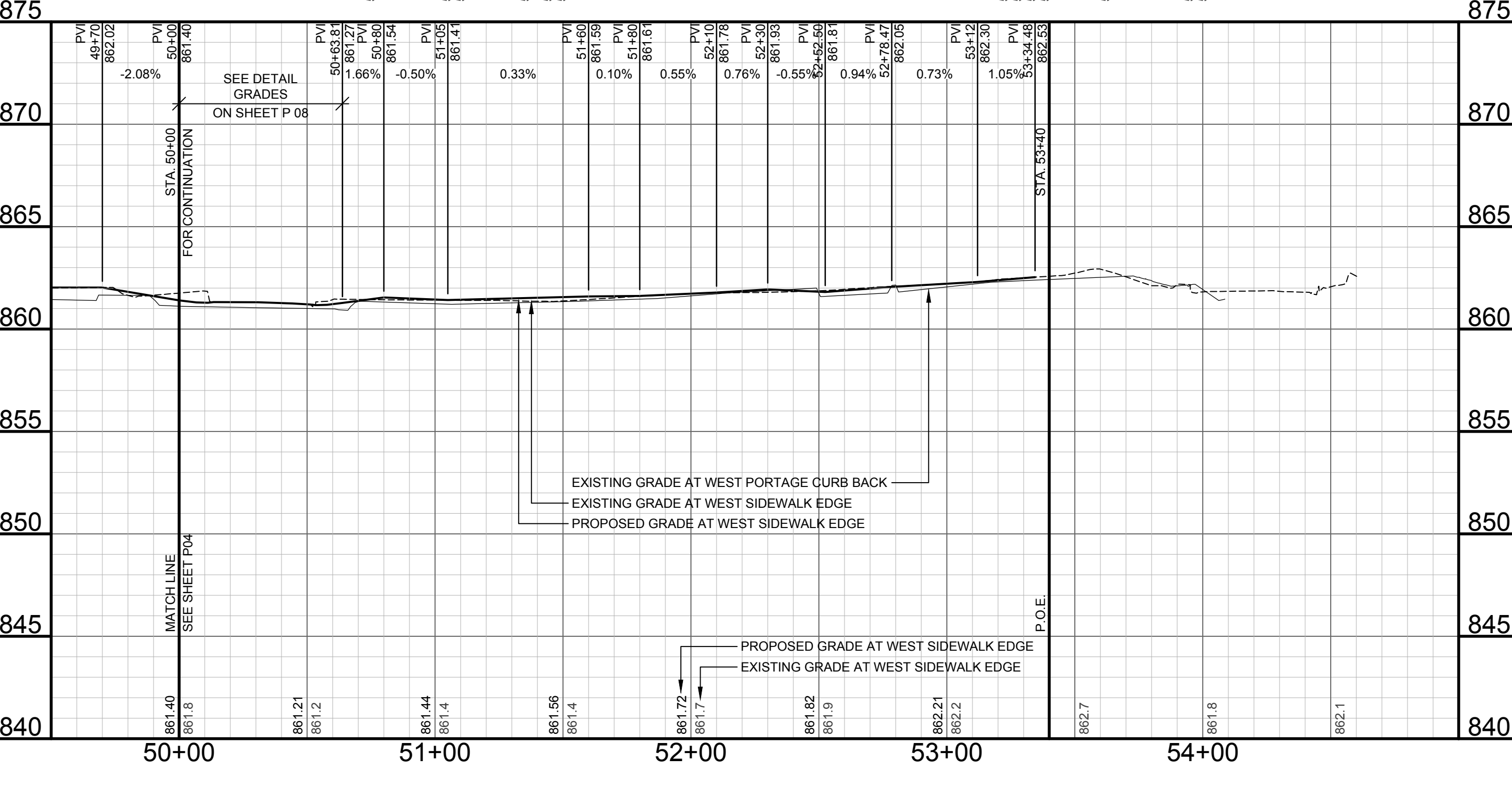
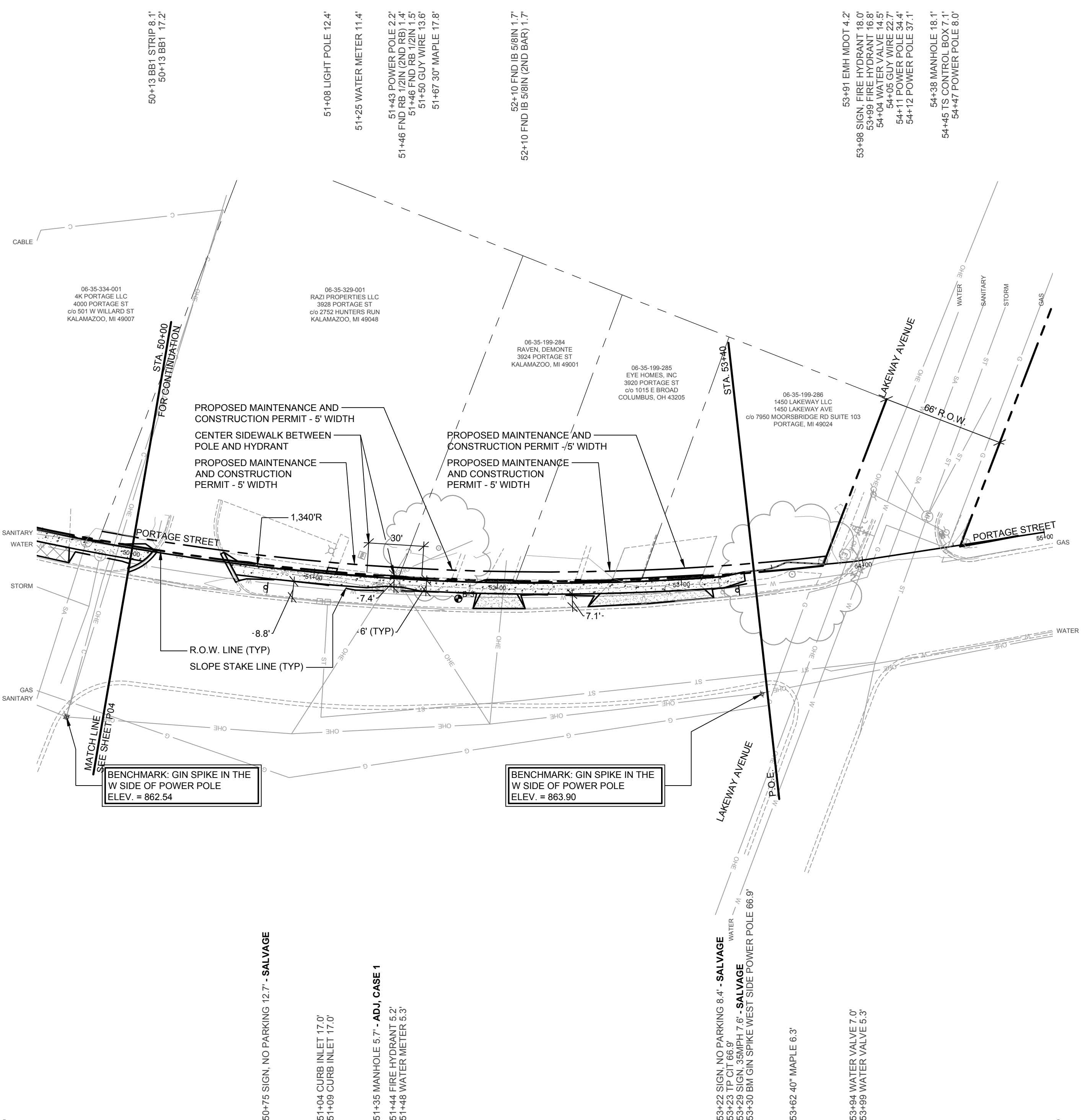
LEGEND
SAWCUT AND REMOVE EXISTING HMA PAVEMENT PAID FOR AS HMA SURFACE. REM: REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK. GRADING: SURFACE WITH AGGREGATE BASE, 6 INCH; 330#/SYD HMA. APPROACH (HAND PATCHING WHEN WIDTH 2' OR THINNER) (165#/SYD PER LIFT). MATCH GRADE AT TIE IN LOCATION.
SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT PAID FOR AS PAVT, REM: REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK. GRADING: SURFACE WITH SUBBASE, CIP (4 INCH) AND DRIVEWAY, NONREINF, 6 INCH. MATCH GRADE AT TIE IN LOCATION.
GRADE AS SHOWN IN THE PROFILE AND TYPICAL SECTIONS PAID FOR AS SIDEWALK, GRADING: SURFACE WITH SUBBASE, CIP (4 INCH) AND SIDEWALK, CONC, 4 INCH; SIDEWALK, CONC, 6 INCH (THRU DRIVEWAYS); OR CURB RAMP, CONC, 6 INCH. MATCH GRADE AT TIE IN LOCATION.
GRADE AS REQUIRED TO DRAIN: SURFACE WITH STAMPED CONC, 6 INCH
PROVIDE DETECTABLE WARNING SURFACE, MODIFIED AT ALL SIDEWALK/CURB INTERFACES AND OTHER LOCATIONS SHOWN ON THE PLANS.

04 12/15/2025 PTS
ISSUED FOR BIDS
03 7/1/2024 PTS
75% SUBMITTAL
02 3/27/2024 PTS
70% SUBMITTAL
01 12/15/2023 PTS
30% SUBMITTAL

REVISIONS
DATE: DECEMBER, 2025
SCALE: 1" = 40'H, 5'V

PLAN AND PROFILE
PORTAGE STREET
STA. 40+00 TO STA. 50+00

JOB No. 234179
P 04
OF 8



QUANTITIES THIS SHEET	
ITEM	QTY.
Curb and Gutter, Rem	40 Ft
Sidewalk, Rem	180 Syd
Pavt, Rem, Modified	90 Syd
Sidewalk, Grading	300 Ft
Erosion Control, Inlet Protection, Fabric Drop, Modified	3 Ea
Subbase, CIP	25 Cyd
Dr Structure Cover, Adj, Case 1	1 Ea
HMA Surface, Rem	10 Syd
Hand Patching	5 Ton
HMA Approach	5 Ton
Conc Base Cse, Nonreinf, 6 inch	10 Syd
Driveway, Nonreinf Conc, 6 inch	80 Syd
Curb and Gutter, Conc, Det C4	20 Ft
Curb Ramp Opening, Conc	20 Ft
Sidewalk, Conc, 4 inch	1,200 Sft
Sidewalk, Conc, 6 inch	535 Sft
Curb Ramp, Conc, 6 inch	130 Sft
Post, Steel, 3 pound	30 Ft
Sign, Type III, Erect, Salv	5 Ea
Ground Mtd Sign Support, Rem	4 Ea
Slope Restoration, Non-Freeway, Type F	300 Syd

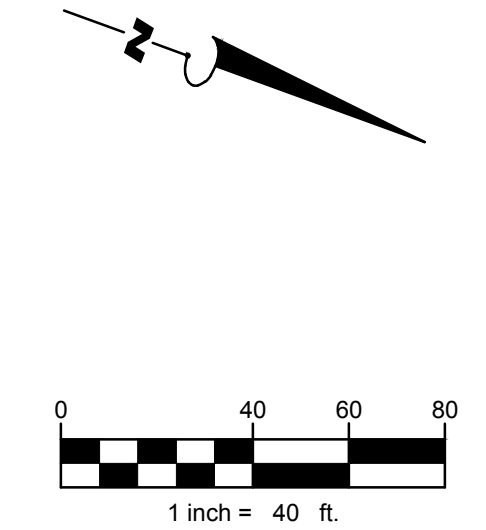
W+
WIGHTMAN

433 E. RANSOM ST.
KALAMAZOO, MI. 49007
269.327.3532

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PROJECT NAME:
PORTAGE STREET PATH

CITY OF KALAMAZOO
415 E STOCKBRIDGE AVENUE
KALAMAZOO, MI 49001



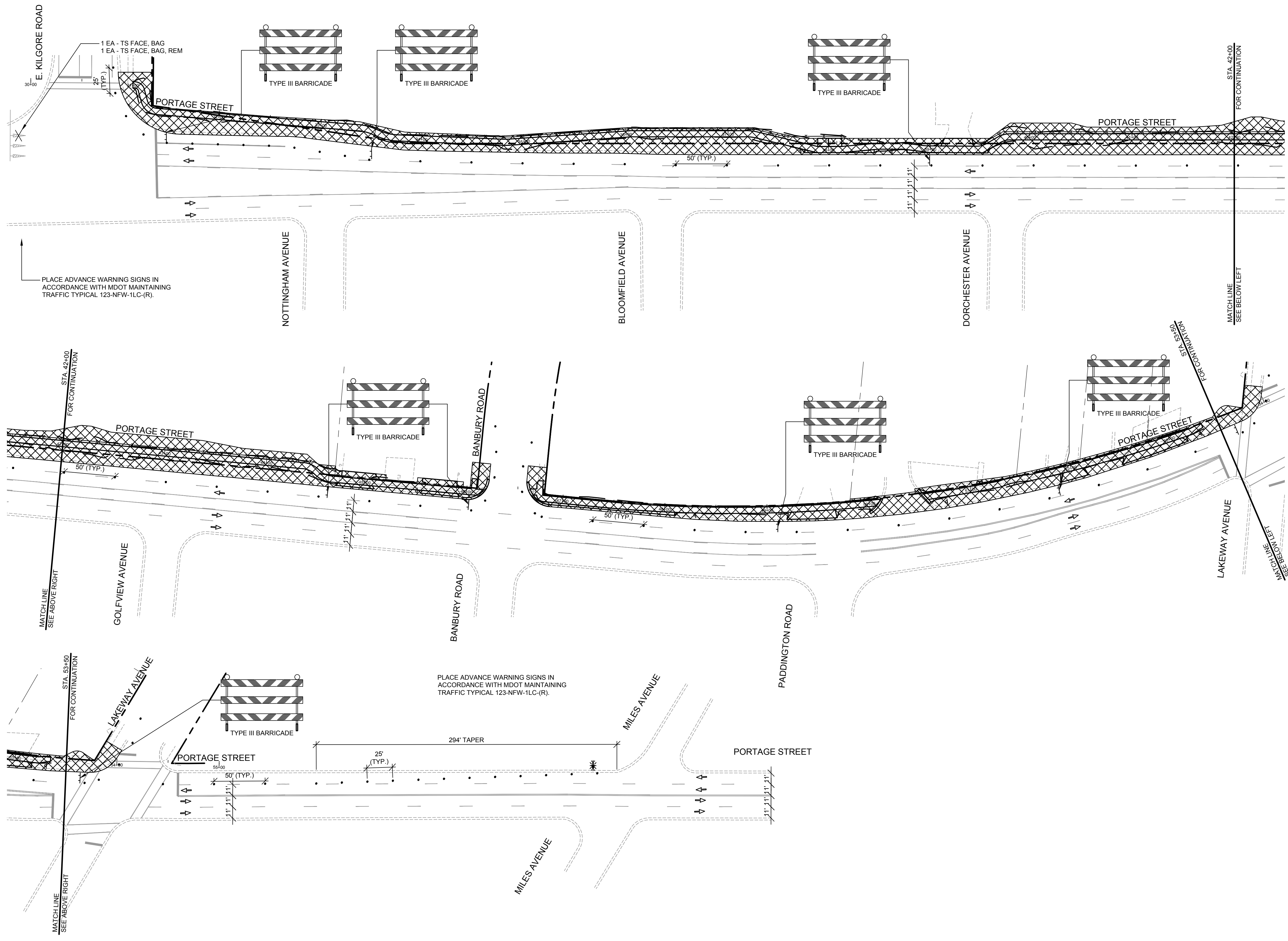
- BORINGS**
- B-3 0 - 12" TOPSOIL
 - 12 - 60" BROWN SANDY CLAY
 - 60" END OF BORING

- LEGEND**
- SAWCUT AND REMOVE EXISTING HMA PAVEMENT PAID FOR AS HMA SURFACE. REM: REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK. GRADING: SURFACE WITH AGGREGATE BASE, 6 INCH; 330#/SYD HMA. APPROACH (HAND PATCHING WHEN WIDTH 2' OR THINNER) (165#/SYD PER LIFT). MATCH GRADE AT TIE IN LOCATION.
 - SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT PAID FOR AS PAVT, REM: REGRADE EXISTING DRIVEWAY AS REQUIRED PAID FOR AS SIDEWALK. GRADING: SURFACE WITH SUBBASE, CIP (4 INCH) AND DRIVEWAY, NONREINF. 6 INCH. MATCH GRADE AT TIE IN LOCATION.
 - GRADE AS SHOWN IN THE PROFILE AND TYPICAL SECTIONS PAID FOR AS SIDEWALK, GRADING: SURFACE WITH SUBBASE, CIP (4 INCH) AND SIDEWALK, CONC. 4 INCH; SIDEWALK, CONC. 6 INCH (THRU DRIVEWAYS); OR CURB RAMP, CONC. 6 INCH. MATCH GRADE AT TIE IN LOCATION.
 - GRADE AS REQUIRED TO DRAIN: SURFACE WITH STAMPED CONC. 6 INCH
 - PROVIDE DETECTABLE WARNING SURFACE, MODIFIED AT ALL SIDEWALK/CURB INTERFACES AND OTHER LOCATIONS SHOWN ON THE PLANS.

- REVISIONS**
- | | |
|-----------------|-----|
| 04/12/2025 | PTS |
| ISSUED FOR BIDS | |
| 03/7/2024 | PTS |
| 75% SUBMITTAL | |
| 02/3/2024 | PTS |
| 70% SUBMITTAL | |
| 01/12/2023 | PTS |
| 30% SUBMITTAL | |
- DATE: DECEMBER, 2025
SCALE: 1" = 40'H; 5'V

PLAN AND PROFILE
PORTAGE STREET
STA. 50+00 TO STA. 53+40
(P.O.E.)

JOB No. 234179
P 05
OF 8

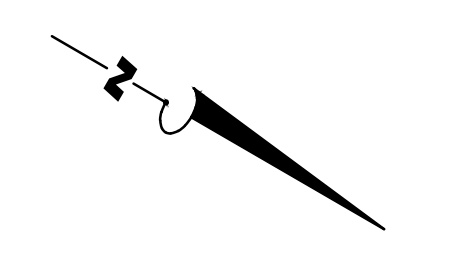
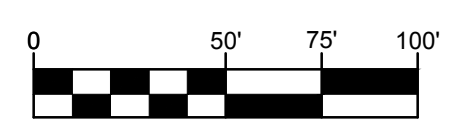


QUANTITIES THIS SHEET	
ITEM	QTY.
Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	7 Ea
Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	7 Ea
Channelizing Device, 42 inch, Fluorescent, Furn	50 Ea
Channelizing Device, 42 inch, Fluorescent, Oper	50 Ea
Lighted Arrow, Type C, Furn	2 Ea
Lighted Arrow, Type C, Oper	2 Ea
Minor Traf Devices	1 LSUM
Plastic Drum, Fluorescent, Furn	130 Ea
Plastic Drum, Fluorescent, Oper	130 Ea
Sign, Type B, Temp, Prismatic, Furn	300 Sft
Sign, Type B, Temp, Prismatic, Oper	300 Sft
Traf Regulator Control	1 LSUM

W+
WIGHTMAN
 1670 LINCOLN RD.
 ALLEGAN, MI. 49010
 269.673.8465
 www.gowightman.com

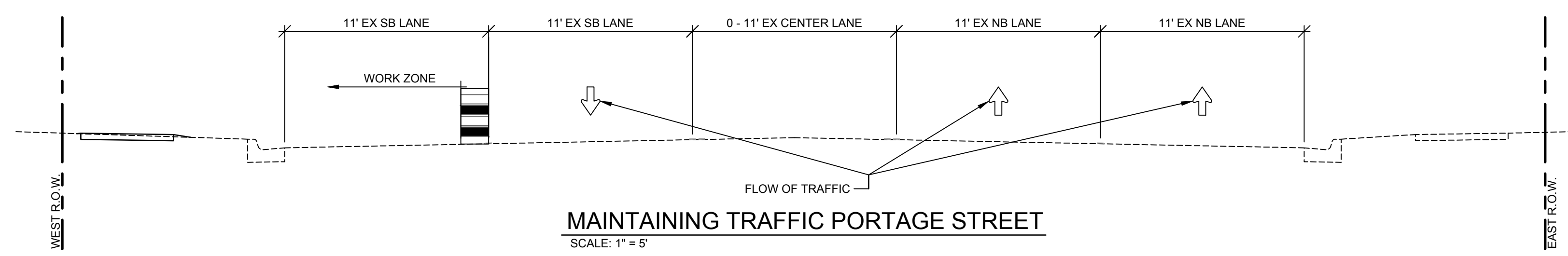
PROJECT NAME:
PORTAGE STREET PATH

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01 12/15/2023	PTS
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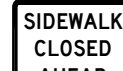



REVISIONS
DATE: DECEMBER, 2025
SCALE: 1" = 50'



LEGEND

- WORK AREA
- CHANNELIZING DEVICES
- TRAFFIC FLOW
- LIGHTED ARROW, TYPE C
- BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED

MAINTAINING TRAFFIC PLAN
 PORTAGE STREET
 JOB No. 234179
P 06
 OF 8

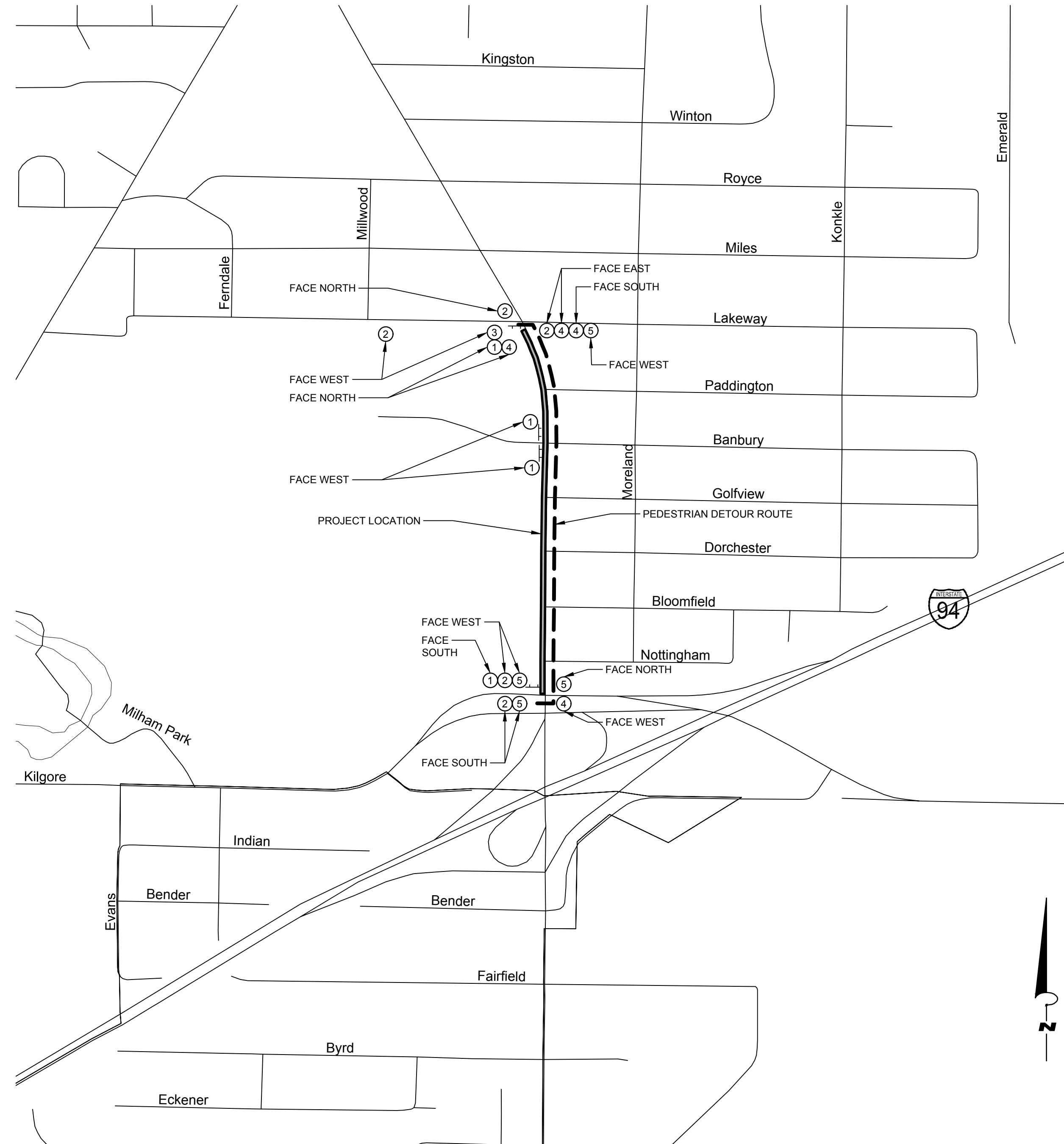
LEGEND				
QTY.	SIGN DESIGNATION	DESCRIPTION	SIZE	AREA
①	4 EA	R9-9	 SIDEWALK CLOSED	30 INCH x 18 INCH 15 SFT
②	5 EA	R9-9	 SIDEWALK CLOSED AHEAD	30 INCH x 24 INCH 25 SFT
③	1 EA	M4-9b	 DETOUR	30 INCH x 24 INCH 5 SFT
④	4 EA	M4-9b	 DETOUR	30 INCH x 24 INCH 20 SFT
⑤	4 EA	M4-9b	 DETOUR	30 INCH x 24 INCH 20 SFT

TOTAL AREA = 85 SFT

9 EA - PEDESTRIAN BARRICADE, TYPE II, TEMP

NOTE: THE PROPOSED PEDESTRIAN DETOUR PLAN SHOWN ON THIS SHEET CORRESPONDS TO MAINTAINING TRAFFIC PLAN AND SHOULD BE IMPLEMENTED FOR THE DURATION OF THE PORTAGE STREET PHASE OF CONSTRUCTION.

SEE SHEET P 06 FOR MAINTAINING TRAFFIC PLAN.



PEDESTRIAN DETOUR

SCALE: 1" = 500'

QUANTITIES THIS SHEET

ITEM	QTY.
Pedestrian Type II Barricade, Temp	4 Ea
Sign, Type B, Temp, Prismatic, Furn	100 Sft
Sign, Type B, Temp, Prismatic, Oper	100 Sft



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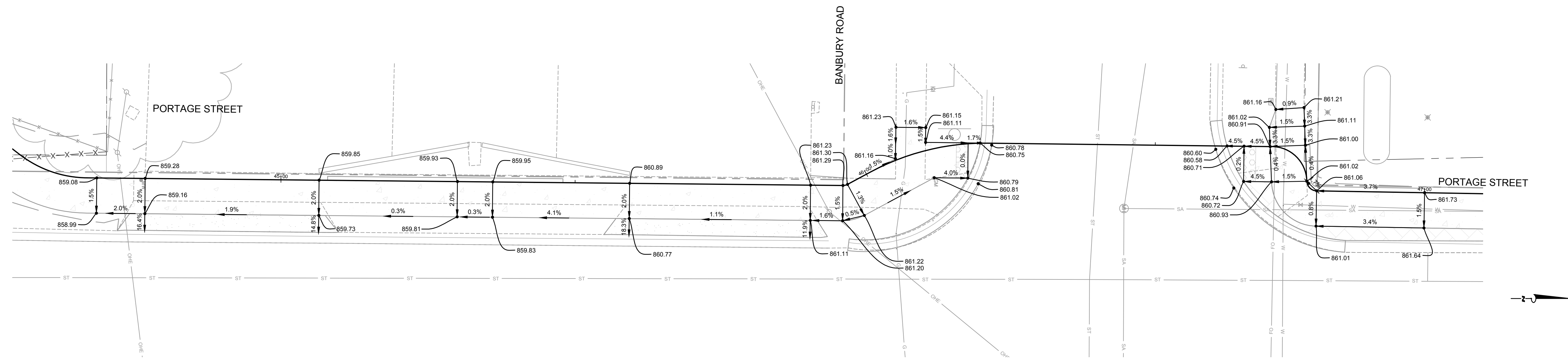
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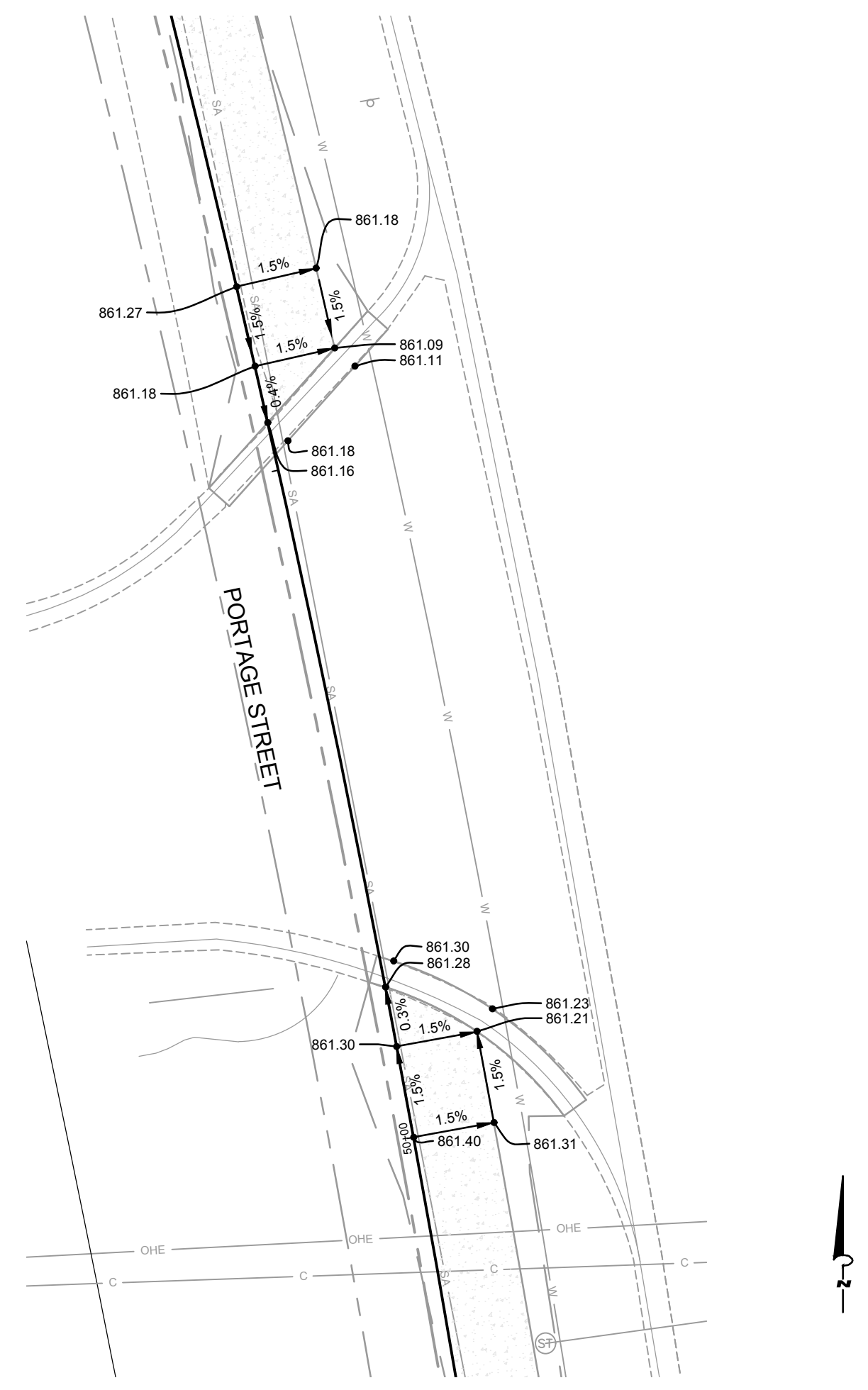
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30% SUBMITTAL	

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DATE: DECEMBER, 2025
SCALE: AS NOTED

SIDEWALK DETOUR
PORTAGE STREET



BANBURY RD INTERSECTION
SCALE: 1" = 10'



DRIVEWAY RAMPS STA. 50+00 TO STA. 50+75
SCALE: 1" = 10'

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GRADING DETAILS