The
AREA PLAN COMMISSION
of Tippecanoe County

Technical Transportation Committee Meeting

Date.....February 19, 2020
Time.....2:00 PM
Place.....Lafayette City Hall
Board of Works Room
20 North 6th Street
Lafayette, Indiana

AGENDA

I. APPROVAL OF MINUTES FROM JANUARY 15, 2020

Documents:

Tech 1.15.2020.pdf

II. ACCESS PERMITS

III. SPEEDWAY DRIVEWAYS LIMITED ACCESS BREAK

Documents:

SWY 100091 Lafayette, IN_02.06.2020.pdf
LARW_Break_Guide_Web_Nov_2019.pdf

IV. ADMINISTRATIVE MODIFICATIONS TO THE FY 2020-2024 TIP

A. January 10, 2020 - reallocate $108,000 in FY 2020 STBG PYB funds from Park East ROW and $138,600 in STBG funds from the Twyckenham project to CE and construction for the Concord trail lighting project

Documents:

January 2020 Concord TIP Mod Letter.pdf

V. QUARTERLY REPORTS

A. Quarterly Progress Report Summary

Documents:

2nd Quarter FY 20.pdf

VI. APC PROGRESS REPORT

A. MPO Update
   i. Monthly Funding Report
   ii. 2020 and 2021 traffic count locations
B. INDOT 18-Month Letting List

Documents:

Detailed Summary February 2020 FY 2020 TIP.pdf
2020 and 2021 Traffic Count Stations Proposed.pdf
2020 February Lettings.pdf

VII. OTHER BUSINESS

VIII. CITIZEN COMMENTS

IX. ADJOURNMENT
Next meeting is March 18, 2020

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 ("ADA"), the Area Plan Commission of Tippecanoe County will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. For more information visit www.tippecanoe.in.gov/ada

GREATER LAFAYETTE AREA TRANSPORTATION & DEVELOPMENT STUDY
TECHNICAL TRANSPORTATION COMMITTEE

MEETING MINUTES
January 15, 2020

VOTING MEMBERS PRESENT

Mike Spencer (proxy for Stewart Kline)	Tippecanoe County Highway Engineer
Sallie Fahey	Area Plan Commission
Bill Smith	INDOT – Crawfordsville Division
Ed Garrison	West Lafayette City Engineer
Jeromy Grenard	Lafayette City Engineer
William Carpenter	Lafayette Police Department
Marty Sennett	CityBus
Jason Philhower (proxy for Troy Harris)	West Lafayette Police Department
Jim Knapp (proxy for Adam Baxmeyer)	Purdue University Airport
John Ricks (proxy for Rob Hainje)	Tippecanoe County Sheriff's Department

VOTING MEMBERS ABSENT

Jon Fricker	JTRP

NON-VOTING MEMBERS PRESENT

Aria Staiger	APC
Doug Poad	APC
Tim Stroshine	APC
David Griffee	Lafayette
Mark Harlow	Dayton Town Manager
Colin Sullivan	BF&S
Melissa Patton	INDOT

In the absence of Jon Fricker, Sallie Fahey called the meeting to order at 2:00 p.m.

I. APPROVAL OF MINUTES

Ed Garrison moved to approve the minutes from the December 18, 2019 meeting as submitted. Mike Spencer seconded. The minutes were approved by unanimous voice vote.

II. ACCESS PERMITS

Bill Smith said there are no new applications since the last meeting. The Newman Road and SR 26 project permit has not been issued but is close to being done. There is some paperwork that has not been finalized yet. The Otterbein Dollar General is an older application where the permit has not been issued yet. It is in an odd spot; access is not off US 52.

Ed Garrison asked if they had to request a variance for the permit.

Bill Smith said he believes they requested a variance. There has not been much activity on this permit, but he will update the Committee when there is more information.

III. ADMINISTRATIVE MODIFICATIONS TO THE FY 2020-2024 TIP

Sallie Fahey said this modification shuffled money between two phases within the Yeager Road project; $15,607 needed to be taken from the right-of-way phase to be placed into preliminary engineering for compensatory mitigation.

IV. APC PROGRESS REPORT
MPO Update
Monthly Funding Report

Doug Poad said it's that time of year to look at funding so when the April deadline comes around, all federal funds have been obligated. The report currently shows only two obligations, both on Yost Drive. Since the report was run, there were additional obligations that will show in next month's report. The information in the table is organized by federal funding type and by project. All Transportation alternative funds have all been obligated. Some STBG and HSIP funds still need to be obligated to ensure that no federal funds are lost.

2020 and 2021 Traffic Count Locations

Tim Stroshine said the traffic count program will be changing. INDOT takes counts on a three-year cycle; 2021 is the next year these counts will be taken. Staff compared where INDOT will be taking counts in 2021 to where staff will take counts in 2021 to get complete counts on all intersection approaches. This is being done to get crash rate data. Staff is now planning the locations for traffic counts in 2020 to fill in the gaps. There are still a few sites missing for 2020; he asked that the city engineers send him an email if they have any suggestions on sites. He thanked the engineers for partnering with staff during this shift in the traffic count program.

Bill Smith asked if gathering more pedestrian count information is part of the plan.

Tim Stroshine said that is separate from the traffic count program because of the methods used to collect the pedestrian data. Pedestrian counts are taken through the Mio Vision camera system or hand counting. These are programmed separately because they use different devices.

Bill Smith asked if there is previously gathered information posted anywhere online.

Tim Stroshine said it is not online yet as staff has been restructuring the website to make navigating it easier for the public.

Bill Smith said no other MPO in this district has gathered this type of data so having it accessible would be helpful.

Ed Garrison said West Lafayette is working on setting up several Mio Vision detection systems for the signals downtown. If the opportunity becomes available, West Lafayette is looking to implement these city-wide. This would help with gathering traffic information. Mio Vision is beta testing the pedestrian counting. The issue with the all pedestrian phase signal is when someone crosses diagonally, Mio Vision is not accurately collecting the data.

Bill Smith asked how many all pedestrian phase signals there are in West Lafayette.

Ed Garrison said they are at Stadium and Northwestern, Grant and State, Marstellar and Sheetz, and Northwestern and Chauncey.

Jason Philhower said there are also a few on Stadium at University and Russell.

Marty Sennett asked if the Mio Vision counts people twice.

Ed Garrison said it tracks people all the way across the intersection.

Marty Sennett asked if a person turns around to meet a friend, will it count the person again.

Ed Garrison said the person would have to cross all the way and then walk back to be counted twice. Mio Vision uses an advanced detection technology where it can track people versus just detecting movement. It can notice features like glasses, shapes and figures to track people individually. This is still a work in progress; it is working on detecting bicycles separately from pedestrians.

Marty Stennett asked if the Mio Vision needed to be calibrated often.

Ed Garrison said these have not needed to be calibrated. There are three of the Mio Vision cameras, soon to be a fourth. There is a different camera that uses a fisheye lens, so it is one location that goes out in every direction. There is another one that is not Mio Vision at Salisbury and Lindberg which has its drawbacks in that it is not as intuitive as Mio Vision.

Marty Sennett said on the buses, the passenger counters have to be calibrated often.

Ed Garrison said it adapts to other technology West Lafayette is looking to use as well. This is all being developed for highways to track starting, stopping and gas mileage. That does not translate well to our dense environment, but it does have benefits with bicycles and pedestrians. People could connect the apps on their phones to it to get rid of blind spots because then the vehicle knows places that cannot be seen.

Sallie Fahey asked if there was any testing with the Mio Vision technology to analyze the camera data and the hand counted data for accuracy. There was some significance in the difference.

Tim Stroshine said it depends. For the counter APC staff has, which is the portable counter that is mounted on a pole, there were favorable results. Compared to what the camera software counted to what a human can count, those were also favorable. But the permanent counter stations are where some discrepancies came about.

Ed Garrison said the discrepancies were found at State at Grant. He asked if staff compared the counts on Chauncey.

Tim Stroshine said staff did not count on Chauncey so there would not have been any data to compare.

Ed Garrison said the discrepancies came from the all pedestrian movement and people not being counted accurately.

Sallie Fahey told Bill Smith that APC could give him the hand counts taken before the State Street Project and after the State Street Project.

Ed Garrison said those findings were presented at a meeting a few months ago and would be in the minutes from that meeting.

Tim Stroshine told Bill Smith to email him, so he could find out what data INDOT would be interested in.

Bill Smith said we build path ways and multi-use trails, if we do not follow up to get data after, we drive around to see if people are using them. He is curious to see what the usage data is starting to show. When putting trails in, what are the destinations and who are the users are questions that should be asked early on but are not always asked.

Ed Garrison said how people will be accessing it is was a key component with the trails along US 231. People were given a trail along US 231 that they want to use but have no way to easily access it.

Sallie Fahey said it is surprising how many people are always on that trail.

Ed Garrison said there is some connectivity that gets to the trail from Cumberland and along Lindberg.

Sallie Fahey said Cherry Lane helps with some connectivity.

Ed Garrison said he would like to find a way to incorporate trail heads to give four or five parking spots to allow for people that don't live in town to access the facilities.

Sallie Fahey said the trail head on Kalberer Road is nice and has parking.

Ed Garrison agreed. He would like to see four or five asphalt parking spots connect to the trail.

INDOT 18-Month Letting List

Doug Poad said Project 1 on Twyckenham Boulevard was awarded to Milestone for $3.5 million with an estimated completion date of May 2021. The award for Project 2 and 3 on US 231 is still pending. Project 4 on US 52 was awarded to Reith Riley for $794,070 with an estimated completion date of July 2020. All four projects had a December 2019 letting date. Projects 5, 6 and 7 are on a February 2020 letting and are new traffic signals on US 231 at the CR 800S intersection and at the SR 28 intersection as well as on SR 26 at the CR 900E intersection. There are three projects with a March letting date and six with an April letting date. Project 10 on SR 38 is no longer listed.

V. OTHER BUSINESS

Ed Garrison said this is his last meeting in this position. He has taken a job in the private sector at the end of the month. Marcus Smith, the Assistant City Engineer, will be the interim City Engineer to handle the daily responsibilities. Ed said he has enjoyed every bit of this job but feels it is time to move on to a new challenge. He thanked everyone for all their help along the way.

VI. CITIZEN COMMENTS

None.

VII. ADJOURNMENT

Next meeting is February 19, 2020.

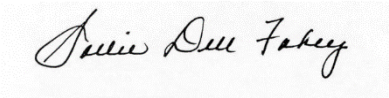
Marty Sennett moved to adjourn. Ed Garrison seconded.

The meeting adjourned at 2:20 pm.

Respectfully Submitted,

Chyna Lynch
Recording Secretary

Reviewed By,



Sallie Fahey

Executive Director

SPEEDWAY # 100091

ROADWAY DESIGN PLANS

AND PERMITTING

LAFAYETTE, INDIANA

CONTRACT NO. 11206722

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	GENERAL NOTES & DETAILS
3	TYPICAL SECTIONS
4-6	ROADWAY PLAN - VETERANS MEMORIAL PARKWAY
7	ROADWAY PLAN & PROFILE - SAGAMORE PARKWAY (US 52)
8-10	ROADWAY PROFILE - VETERANS MEMORIAL PARKWAY
11-21	CROSS SECTIONS - VETERANS MEMORIAL PARKWAY
22-23	TRAFFIC CONTROL DETAILS PLANS
24-26	SIGNING & PAVEMENT MARKING PLANS

PROJECT DESCRIPTION

ROADWORKS:
VETERANS MEMORIAL PARKWAY:
ADD AN 11' WESTBOUND RIGHT TURN LANE WITH A 4' PAVED SHOULDER FROM THE US 52 INTERSECTION THROUGH THE PROPOSED FULL ACCESS WEST SITE DRIVEWAY.

ADD AN 11' EASTBOUND LEFT TURN LANE FOR THE PROPOSED FULL ACCESS WEST SITE DRIVEWAY.

ADD A 4' WIDE CONCRETE CENTER CURB FROM THE US 52 INTERSECTION TO EAST OF THE PROPOSED FULL ACCESS WEST SITE DRIVEWAY.

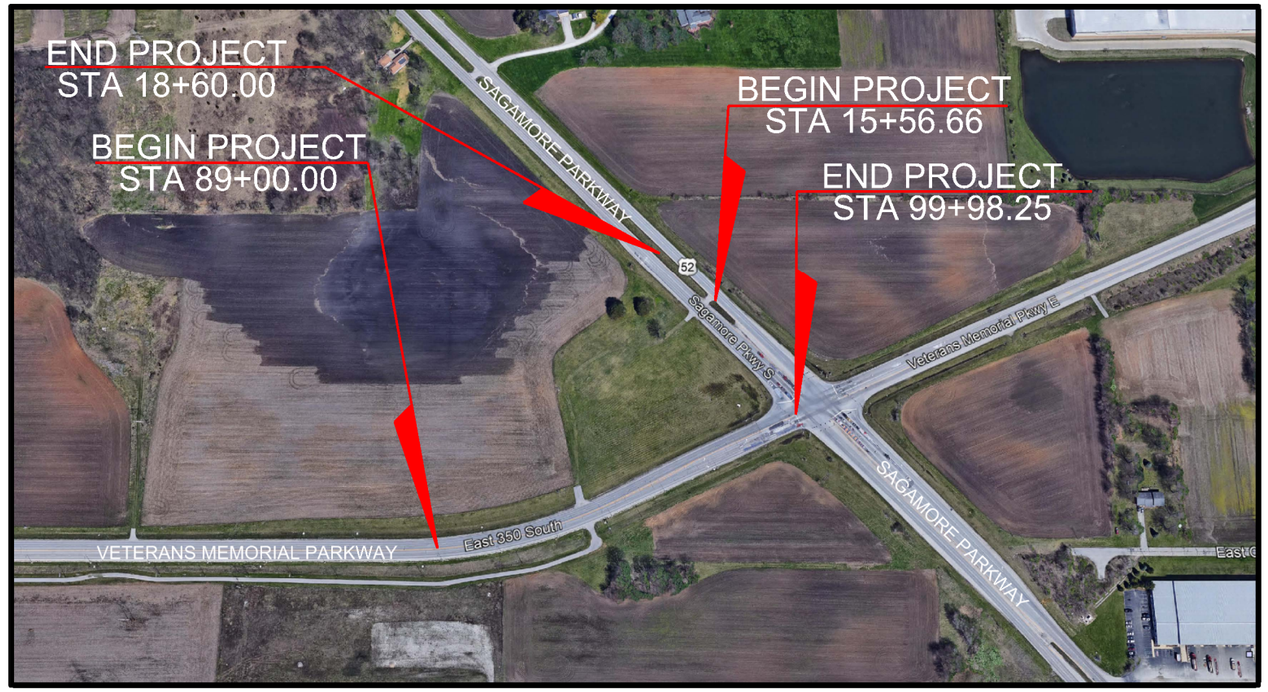
SAGAMORE PARKWAY (US 52):
ADD PROPOSED RIGHT-IN/RIGHT-OUT DRIVEWAY LOCATED 510' NORTH OF VETERANS MEMORIAL PARKWAY.

CLOSE ADJACENT US 52 FULL MEDIAN OPENING LOCATED 360' NORTH OF VETERANS MEMORIAL PARKWAY.

GHD
26850 Haggerty Road
Farmington Hills, MI
48331

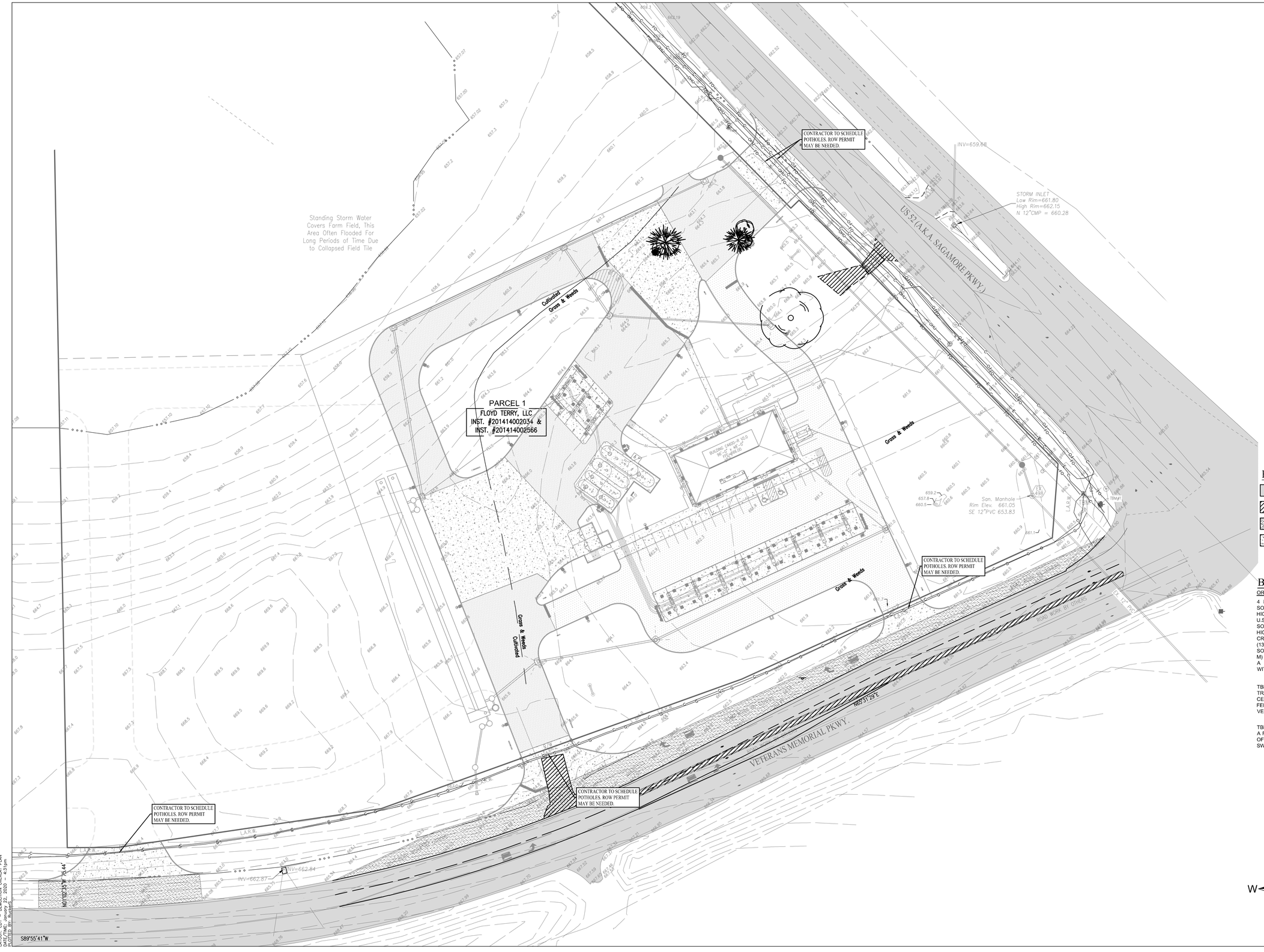
T:248.893.3400

www.ghd.com



KEY PLAN

N.T.S.



HATCH LEGEND LEGEND

- EXISTING ASPHALT TO REMAIN
- EXISTING PAVEMENT TO BE REMOVED
- PROPOSED ASPHALT
- PROPOSED CONCRETE

BENCHMARK INFORMATION

ORIGINATING BENCHMARK - S 96

4 MILES (6.4 KM) SOUTHEAST OF LAFAYETTE IN THE SOUTHWEST ANGLE OF THE INTERSECTION OF US HIGHWAY 52 AND A RAILROAD. FROM THE JUNCTION OF U.S. HIGHWAY 52 AND STATE ROUTE 38 AT THE SOUTHEAST SIDE OF LAFAYETTE, GO SOUTHEAST ON HIGHWAY 52 FOR 2.3 MILES (3.7 KM) TO A RAILROAD CROSSING AND THE MARK ON RIGHT. LOCATED 43.0 FEET (13.1 M) SOUTHWEST OF THE CENTER OF THE SOUTHBOUND LANES OF U.S. HIGHWAY 52, 28.0 FEET (8.5 M) SOUTH OF THE SOUTH RAIL, 4.0 FEET (1.2 M) EAST OF A FENCE CORNER AND 1.0 FOOT (0.3 M) EAST OF A WITNESS POST.

ELEVATION = 663.87 NAVD 1988

TBM 1 - CUT "X" SET ON NORTH ANCHOR BOLT OF TRAFFIC LIGHT STRAND POLE, 52 FEET SOUTHWEST OF CENTER OF SOUTHEAST BOUND LANE OF US 52 AND 56 FEET NORTHWEST OF SOUTHWEST BOUND LANE OF VETERANS MEMORIAL PKWY.

ELEVATION = 660.22 NAVD 1988

TBM 2 - CUT "X" FOUND ON THE SOUTH BONNET BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF DAVID HOWARTH AND BURR SWEZEY DRIVES.

ELEVATION = 660.22 NAVD 1988

N W E S

811 Know what's below. Call before you dig.
Within Indiana Call 811 or 800-382-5544
24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

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800 | 382 - 6408 Indianapolis, Indiana 46280
317 | 843 - 6546 fax weihe.net
ALLAN H. WEIHE P.E., L.S. - FOUNDER

STEVEN SCOTT RUCKER REGISTERED PE11300279 STATE OF INDIANA PROFESSIONAL ENGINEER

STEVEN SCOTT RUCKER P.E. 11300279

Speedway®
Prepared By:
Speedway
Engineering and Construction Dept.
Enon, OH 45323

NO.	REVISIONS	DESIGNER-PROJ. MGR. REVIEWER DATE	DRAWER-CHECKER DATE

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DEMOLITION OVERLAY PLAN
NEW BUILD - STORE 100091

US 52 S & E 350 S
LAFAYETTE, IN
TIPPECANOE COUNTY

BLDG TYPE & VERSION 4600-V2.0

PROJECT ID NO. 108388

SCALE 0 20 40 1"=40'-0"

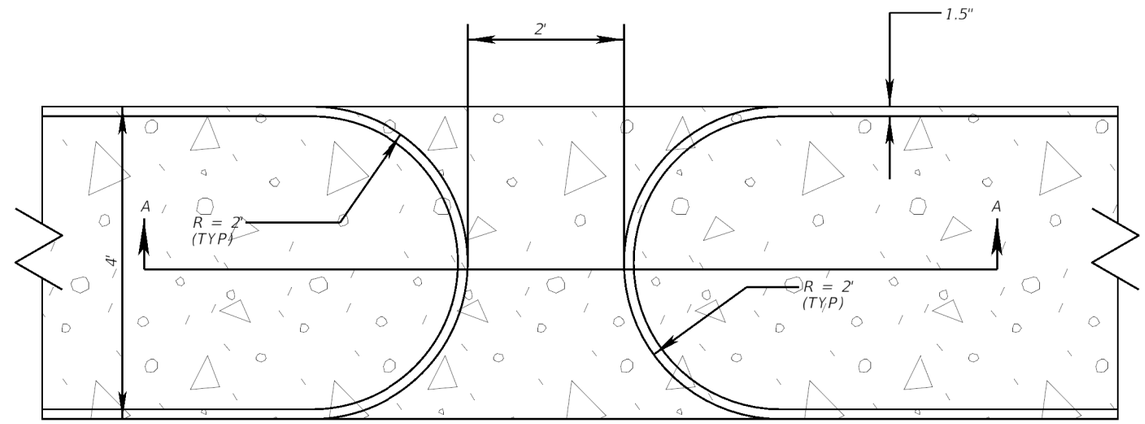
DESIGN TEAM		DATE
DGNR.	Weihe	01-16-2020
P.MGR.	M. Bergman	01-16-2020
RVWR.	R. Roosen	01-16-2020

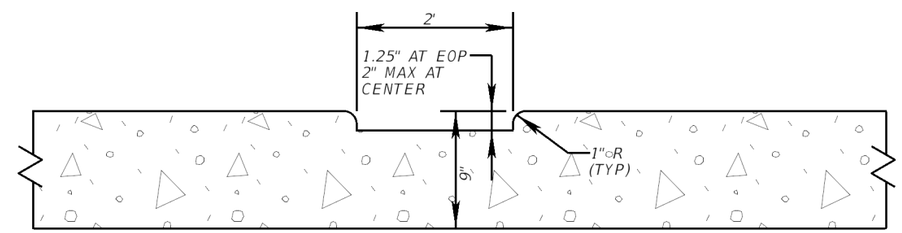
DRWG. NO. 100091 - CD1

LOCATION: H:\2018\W180746\Engineering\design\consett\100091 - FE - CD - DEMOLITION PLAN.dwg
USER: Roosen, Ryan LAYOUT: 22x34 - Demolition Plan
DATE/TIME: January 22, 2020 - 4:31pm
PLOTTED BY: Roosen

PROJECT NOTES

1. THE BENCH MARK DATUM IS BASED UPON NAVD 1988.
2. THE EXISTING SUPERELEVATION RATES TO BE MAINTAINED UNLESS OTHERWISE SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
3. EXISTING SURVEY DRAINAGE STRUCTURES THAT ARE SHOWN IN THE PLANS WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED. UNKNOWN, OR EXISTING DRAINAGE STRUCTURES FOUND WITHIN THE CONSTRUCTION LIMITS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. ALL STATION OFFSET CALLOUTS ARE BASED OFF THE CENTERLINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.





SECTION A-A

4' CONCRETE CENTER CURB TYPE A DRAINAGE OPENING DETAIL

INDOT STANDARD DRAWING 605-CNCC-01

NTS

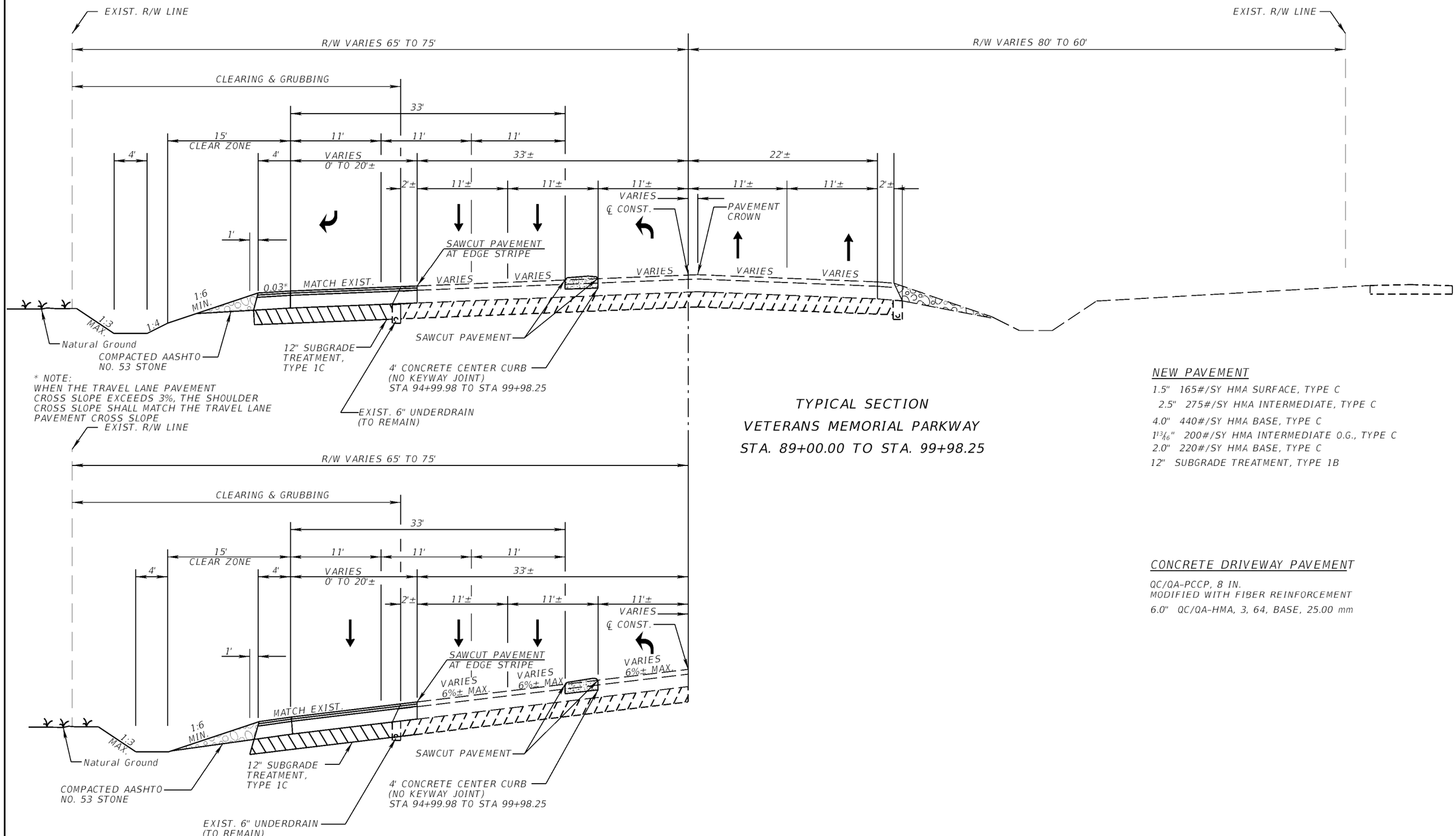
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

GENERAL NOTES & DETAILS

SHEET NO. 2



TYPICAL SECTION
VETERANS MEMORIAL PARKWAY
STA. 89+00.00 TO STA. 99+98.25

NEW PAVEMENT

1.5" 165#/SY HMA SURFACE, TYPE C
2.5" 275#/SY HMA INTERMEDIATE, TYPE C
4.0" 440#/SY HMA BASE, TYPE C
1 13/16" 200#/SY HMA INTERMEDIATE O.G., TYPE C
2.0" 220#/SY HMA BASE, TYPE C
12" SUBGRADE TREATMENT, TYPE 1B

CONCRETE DRIVEWAY PAVEMENT

QC/QA-PCCP, 8 IN.
MODIFIED WITH FIBER REINFORCEMENT
6.0" QC/QA-HMA, 3, 64, BASE, 25.00 mm

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
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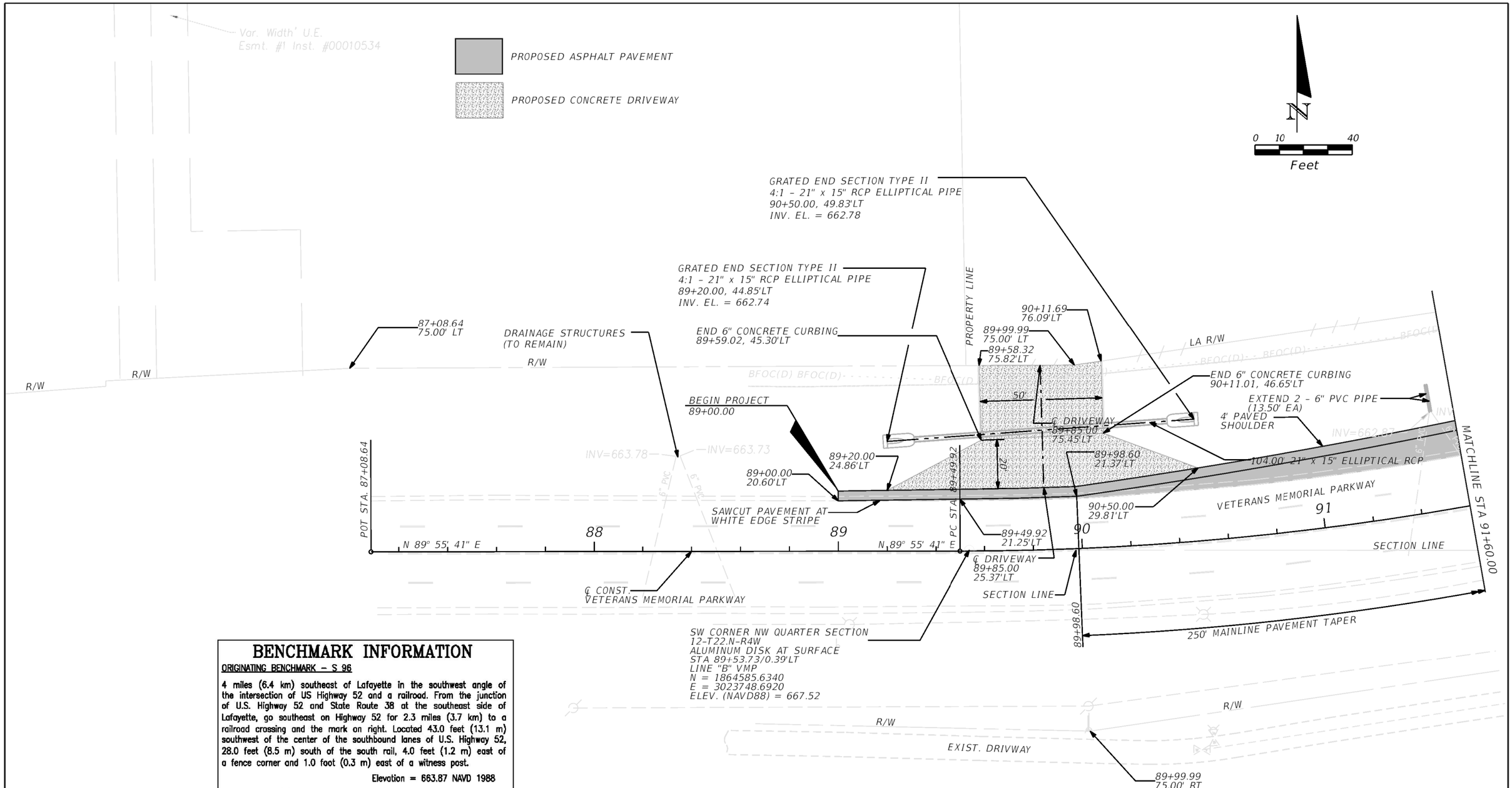
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

TYPICAL SECTIONS (1)

SHEET NO.
3



BENCHMARK INFORMATION

ORIGINATING BENCHMARK – S 96

4 miles (6.4 km) southeast of Lafayette in the southwest angle of the intersection of US Highway 52 and a railroad. From the junction of U.S. Highway 52 and State Route 38 at the southeast side of Lafayette, go southeast on Highway 52 for 2.3 miles (3.7 km) to a railroad crossing and the mark on right. Located 43.0 feet (13.1 m) southwest of the center of the southbound lanes of U.S. Highway 52, 28.0 feet (8.5 m) south of the south rail, 4.0 feet (1.2 m) east of a fence corner and 1.0 foot (0.3 m) east of a witness post.

Elevation = 663.87 NAVD 1988

TBM 1 – Cut "X" set on north anchor bolt of traffic light strand pole, 52 feet southwest of center of southeast bound lane of US 52 and 56 feet northwest of southwest bound lane of Veterans Memorial Pkwy.

Elevation = 660.22 NAVD 1988

TBM 2 – Cut "X" found on the south bonnet bolt of a fire hydrant located at the northeast corner of the intersection of David Howarth and Burr Swezey drives.

Elevation = 660.22 NAVD 1988

LATITUDE	LONGITUDE
40°22'08.1" N	86°49'34.1" W

CURVE DATA

PI STA.	=	92+10.75
Δ	=	24° 24' 12" (LT)
D	=	4° 45' 00"
T	=	260.83
L	=	513.76
R	=	1,206.23
PC STA.	=	89+49.92
PT STA.	=	94+63.68

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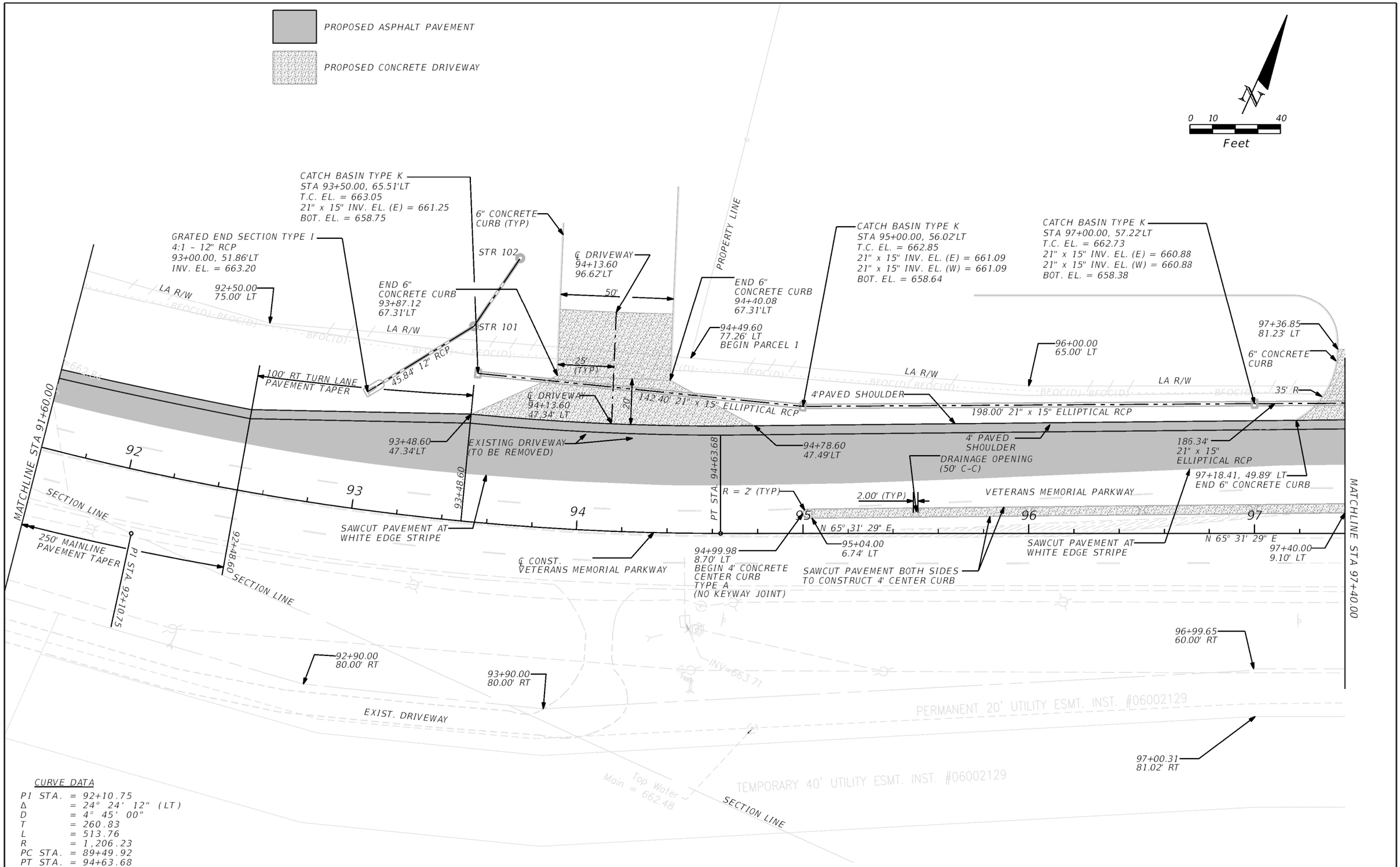
SPEEDWAY #100091
LAFAYETTE, IN

VETERANS MEMORIAL PARKWAY
PLAN (1)

SHEET NO.
4



CURVE DATA

PI STA. = 92+10.75
Δ = 24° 24' 12" (LT)
D = 4° 45' 00"
T = 260.83
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REVISIONS			
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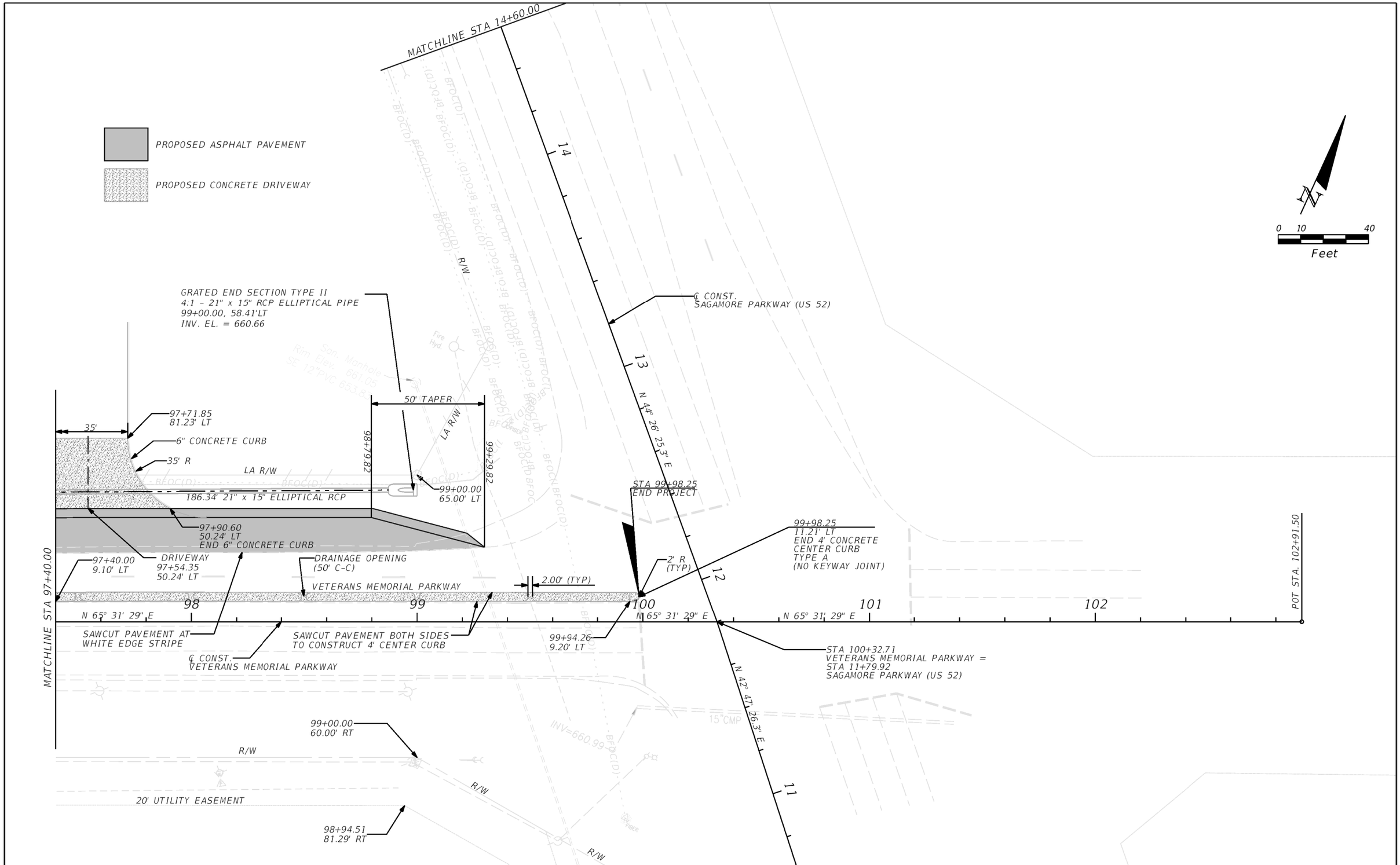
SPEEDWAY #100091
LAFAYETTE, IN

VETERANS MEMORIAL PARKWAY
PLAN (2)

SHEET NO.
5



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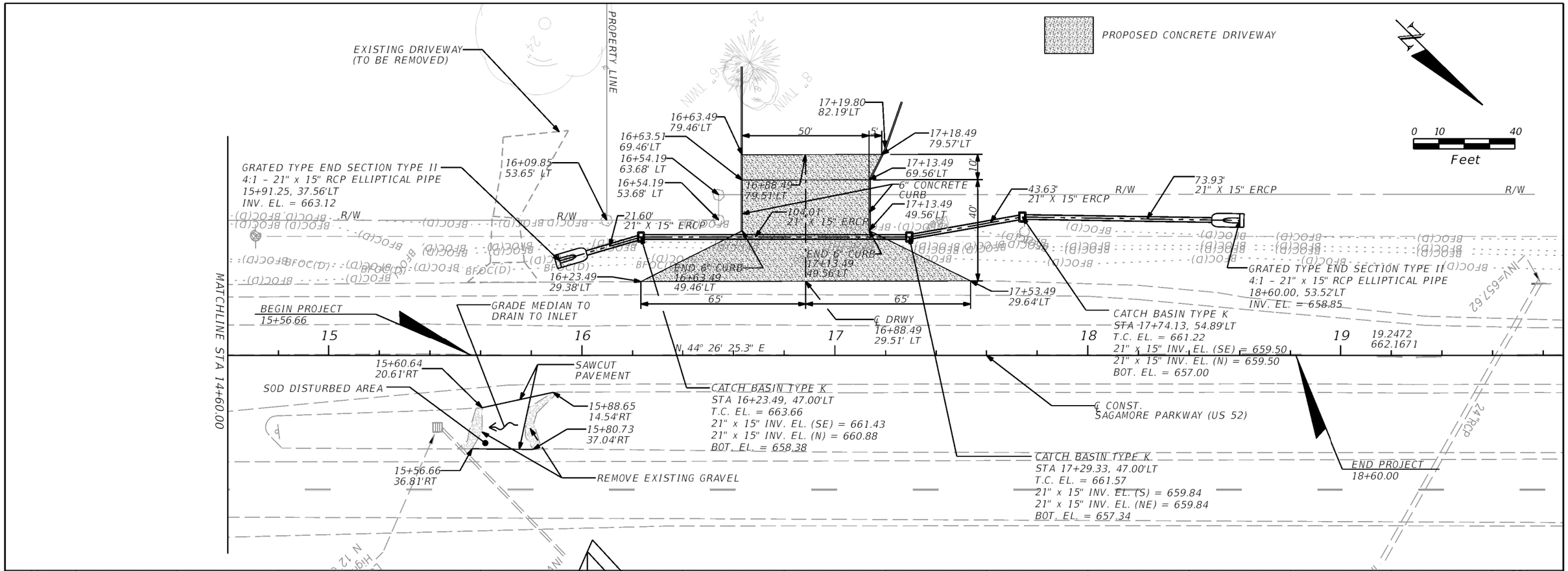
SPEEDWAY #100091
LAFAYETTE, IN

VETERANS MEMORIAL PARKWAY
PLAN (3)

SHEET NO.
6



NOTE:
FIBER OPTIC LINES ARE SHOWN AT AN ASSUMED 3' BURIAL DEPTH AND 6" DIAMETER

SCALE:
1" = 40' Horiz.
1" = 2' Vert.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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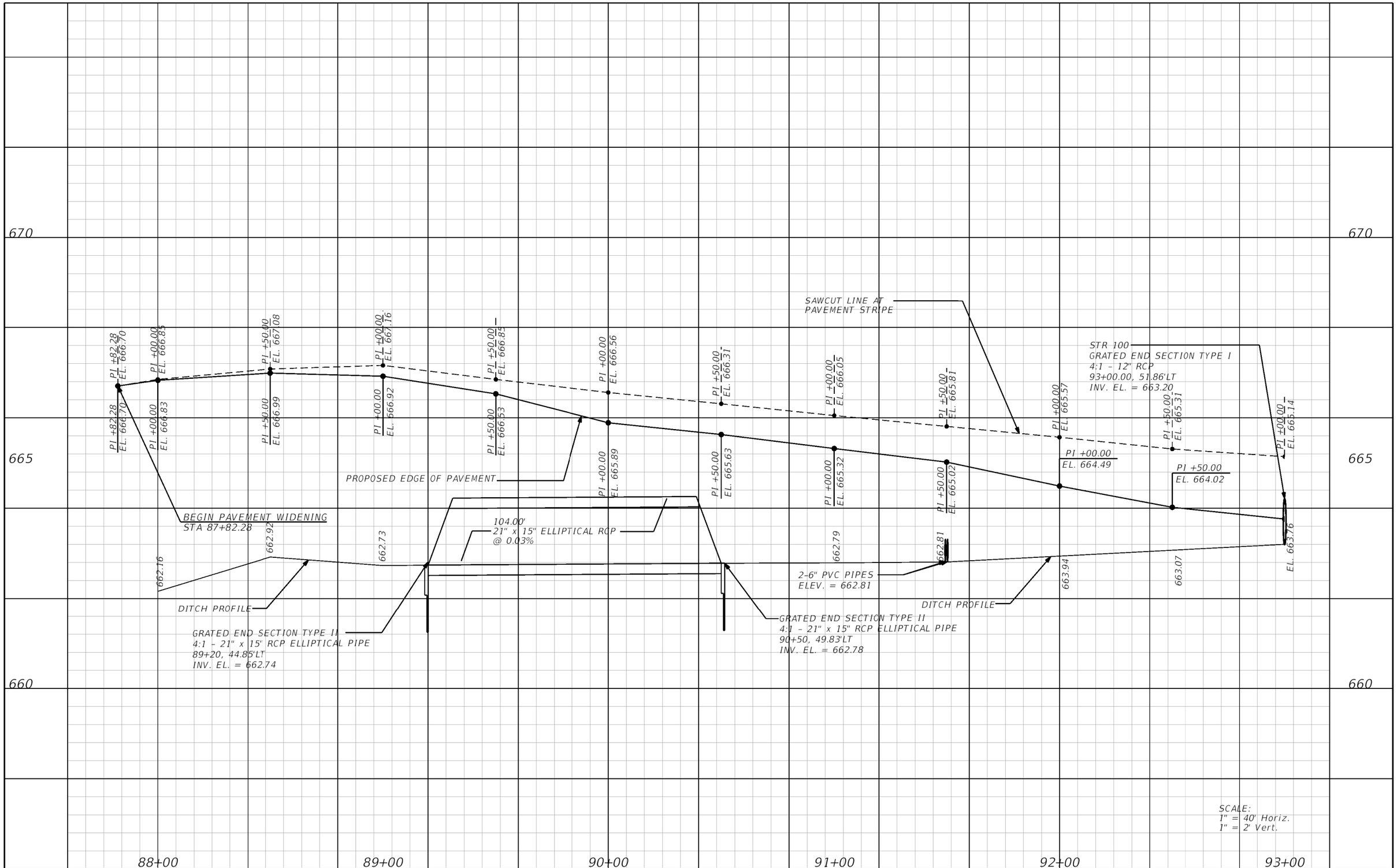
SPEEDWAY #100091
LAFAYETTE, IN

SAGAMORE PARKWAY
PLAN & PROFILE (1)

SHEET NO.
7



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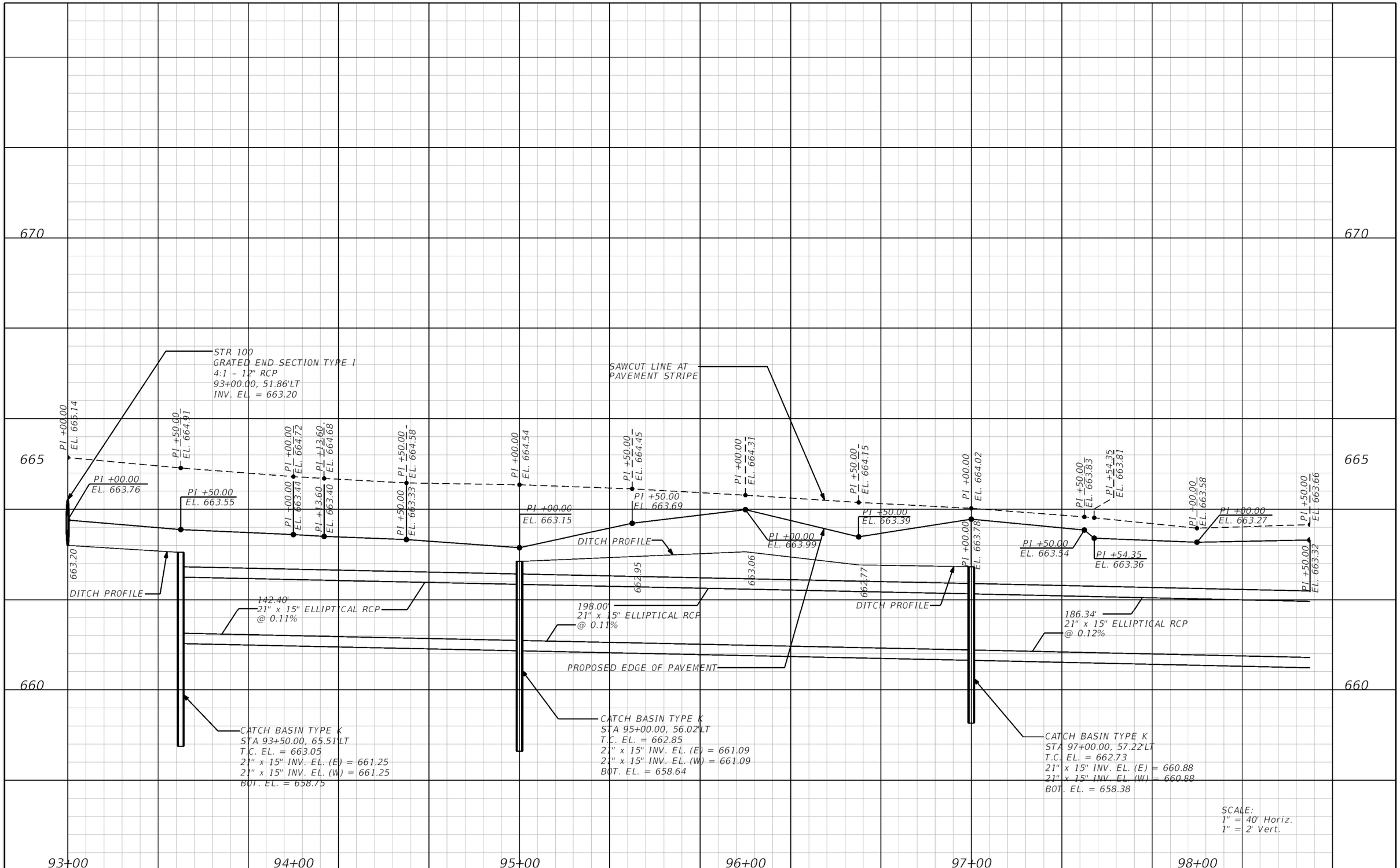
SPEEDWAY #100091
LAFAYETTE, IN

VETERANS MEMORIAL PARKWAY
PROFILE (1)

SHEET NO.
8



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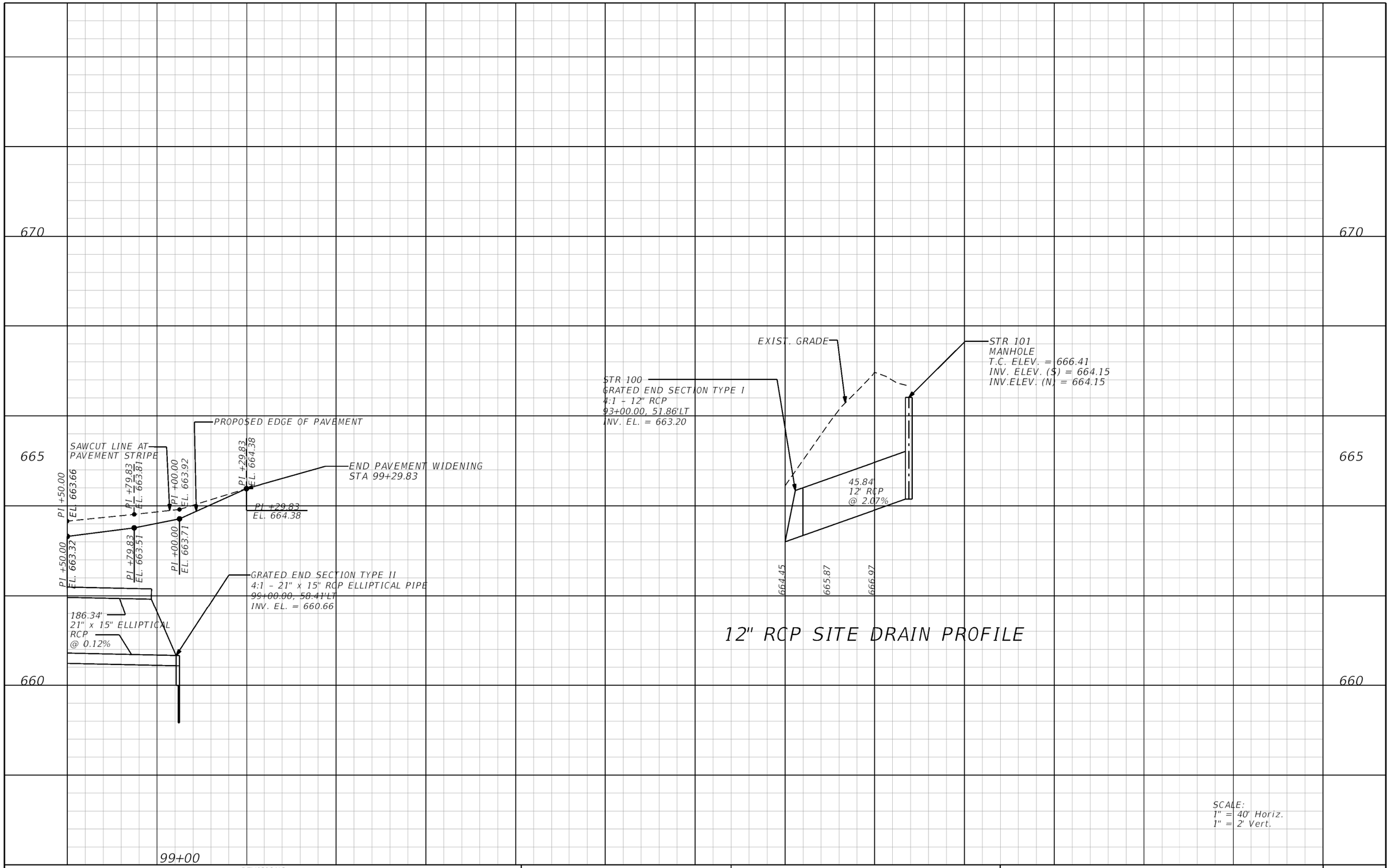
SPEEDWAY #100091
LAFAYETTE, IN

VETERANS MEMORIAL PARKWAY
PROFILE (2)

SHEET NO.
9



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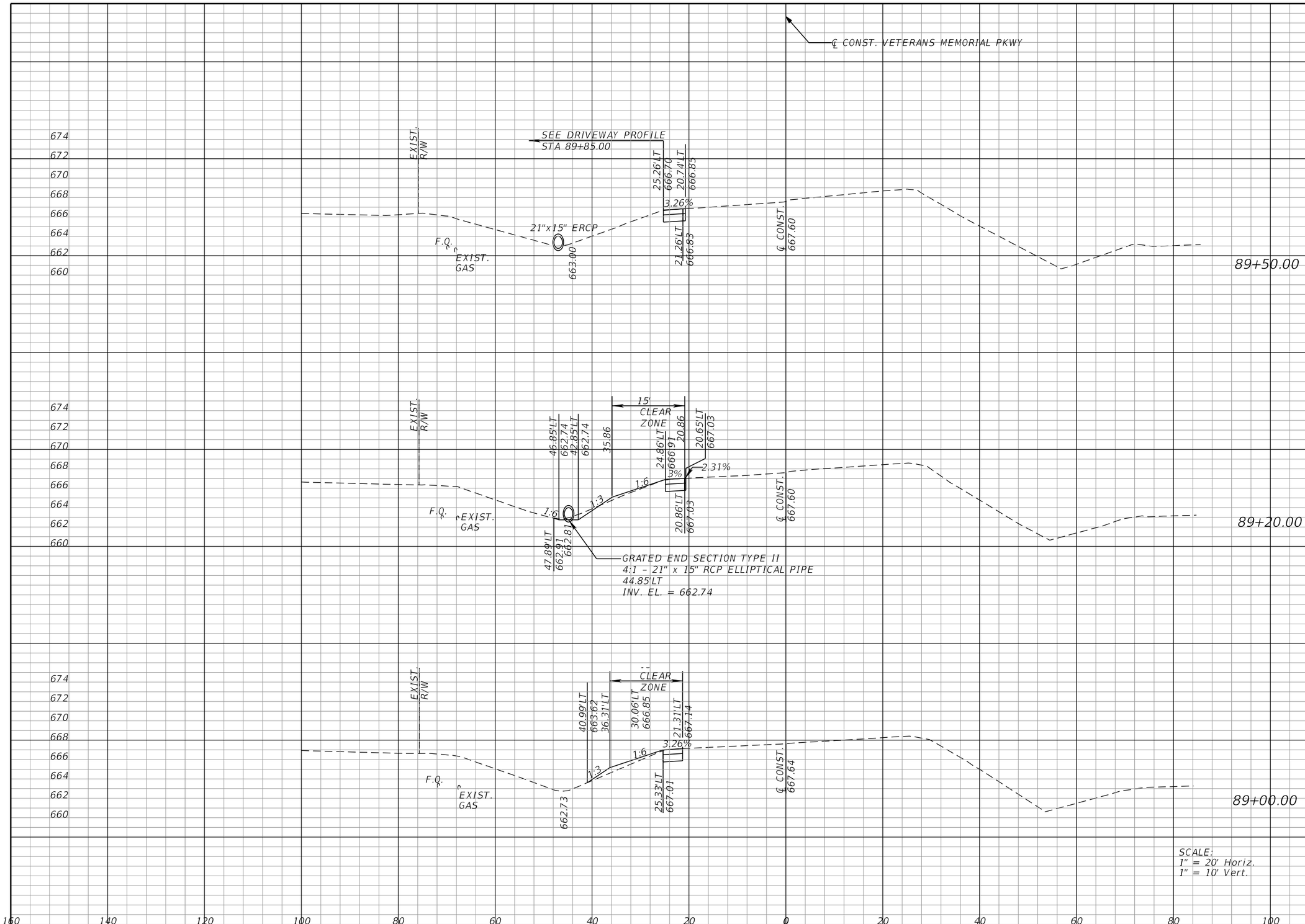
SPEEDWAY #100091
LAFAYETTE, IN

VETERANS MEMORIAL PARKWAY
PROFILE (3)

SHEET NO.
10



Regular Exc.		Embankment	
A	V	A	V

REVISIONS

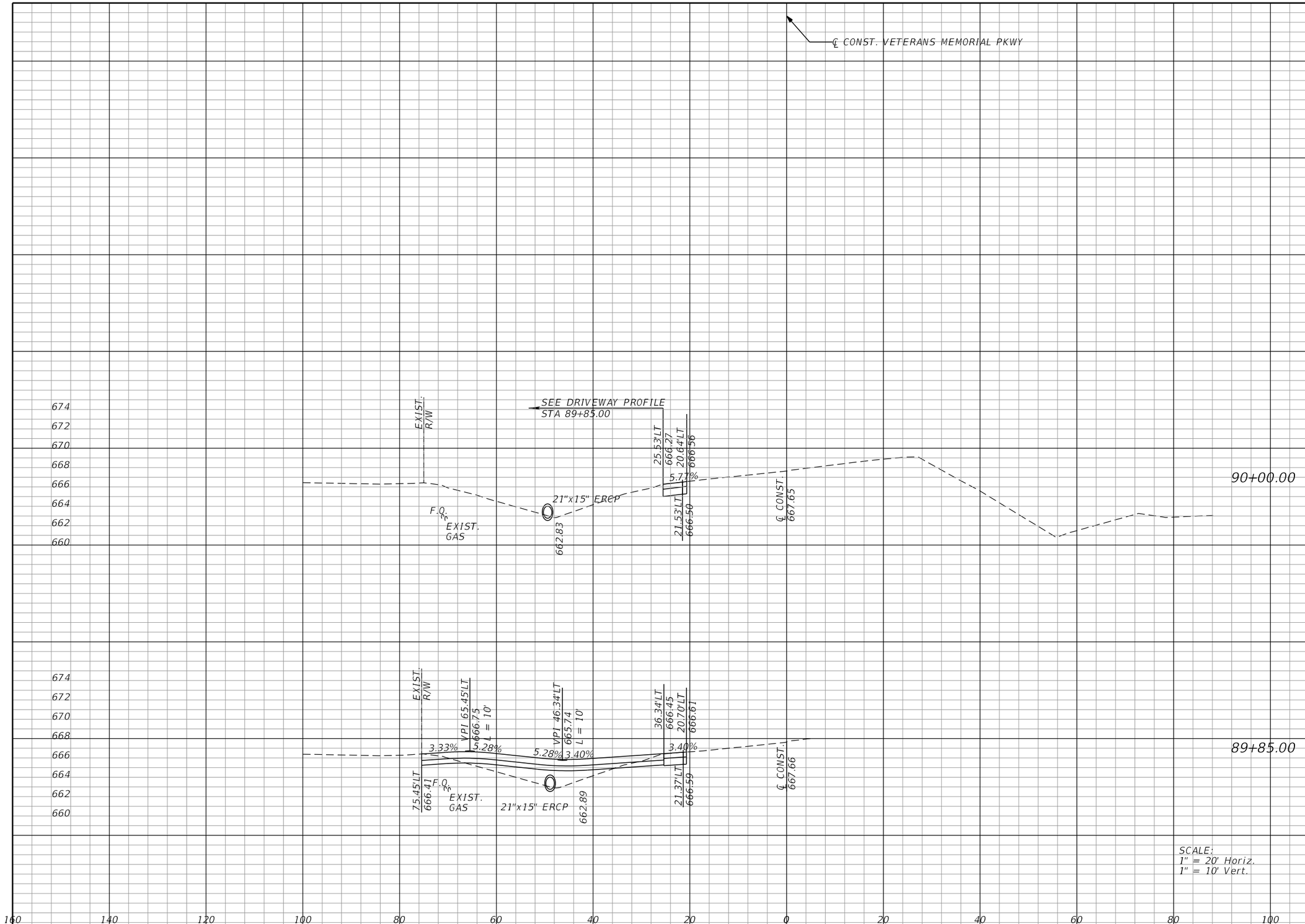
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (1)
VETERANS MEMORIAL PKWY

SHEET NO.
11



Regular Exc.		Embankment	
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REVISIONS			
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GHD
26850 Haggerty Road
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(248) 893-3400
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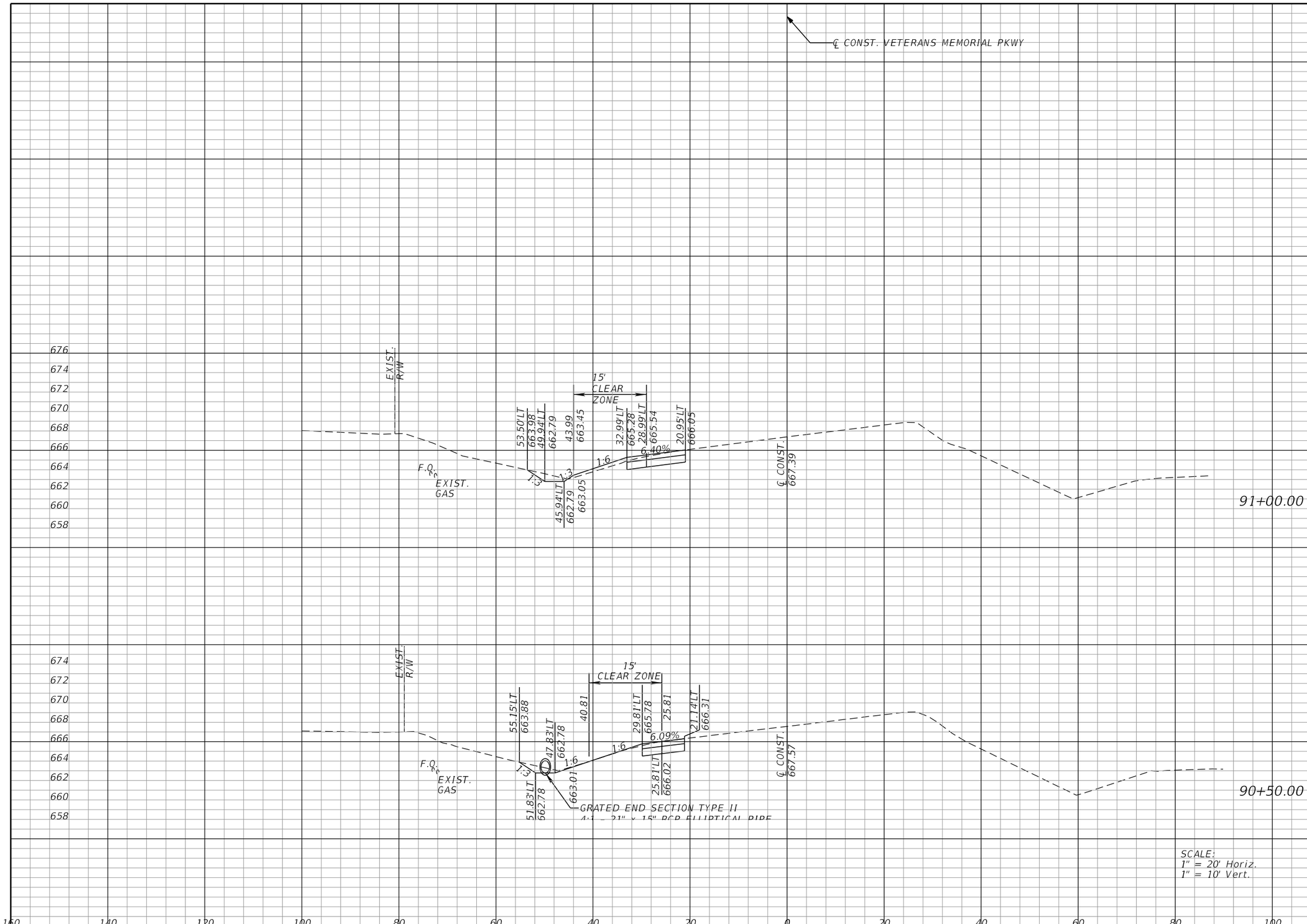
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (2)
VETERANS MEMORIAL PKWY

SHEET NO.
12



Regular Exc.		Embankment	
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REVISIONS

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GHD
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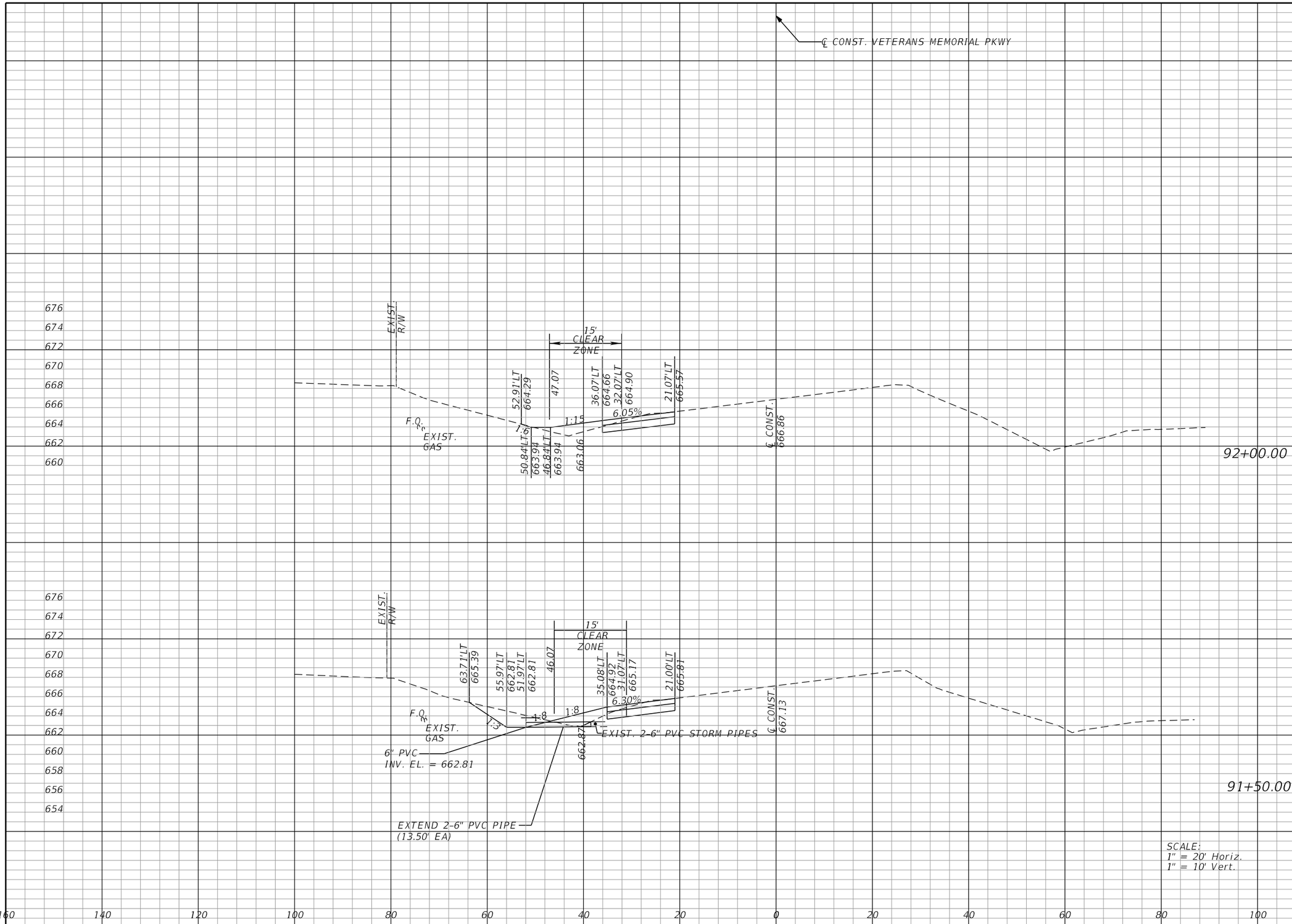
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (3)
VETERANS MEMORIAL PKWY

SHEET NO.
13



Regular Exc.		Embankment	
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REVISIONS			
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GHD
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SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (4)
VETERANS MEMORIAL PKWY

SHEET NO.
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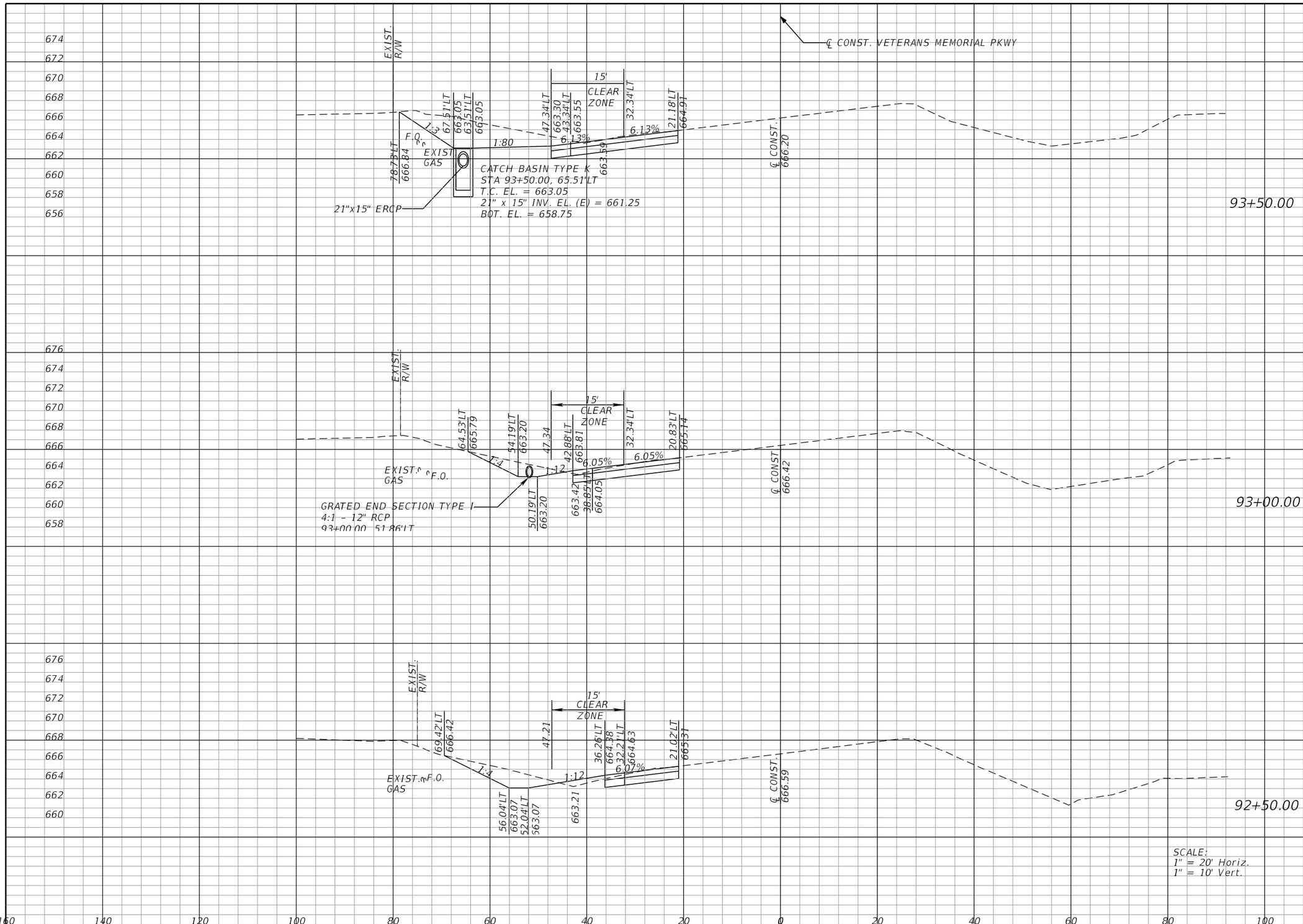

Regular Exc.		Embankment	
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REVISIONS			
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GHD
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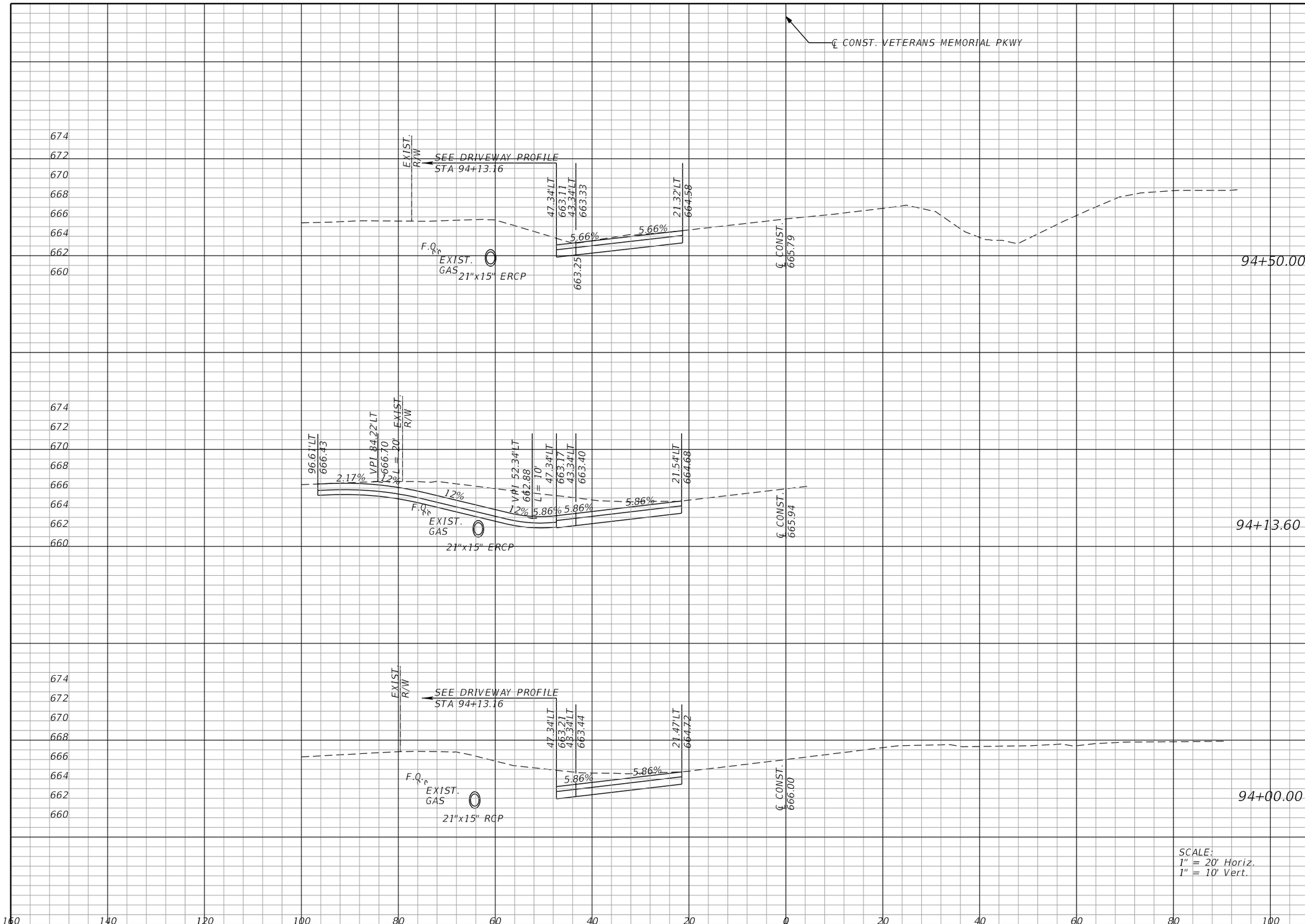
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (5)
VETERANS MEMORIAL PKWY

SHEET NO. 15



Regular Exc.		Embankment	
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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
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(248) 893-3400
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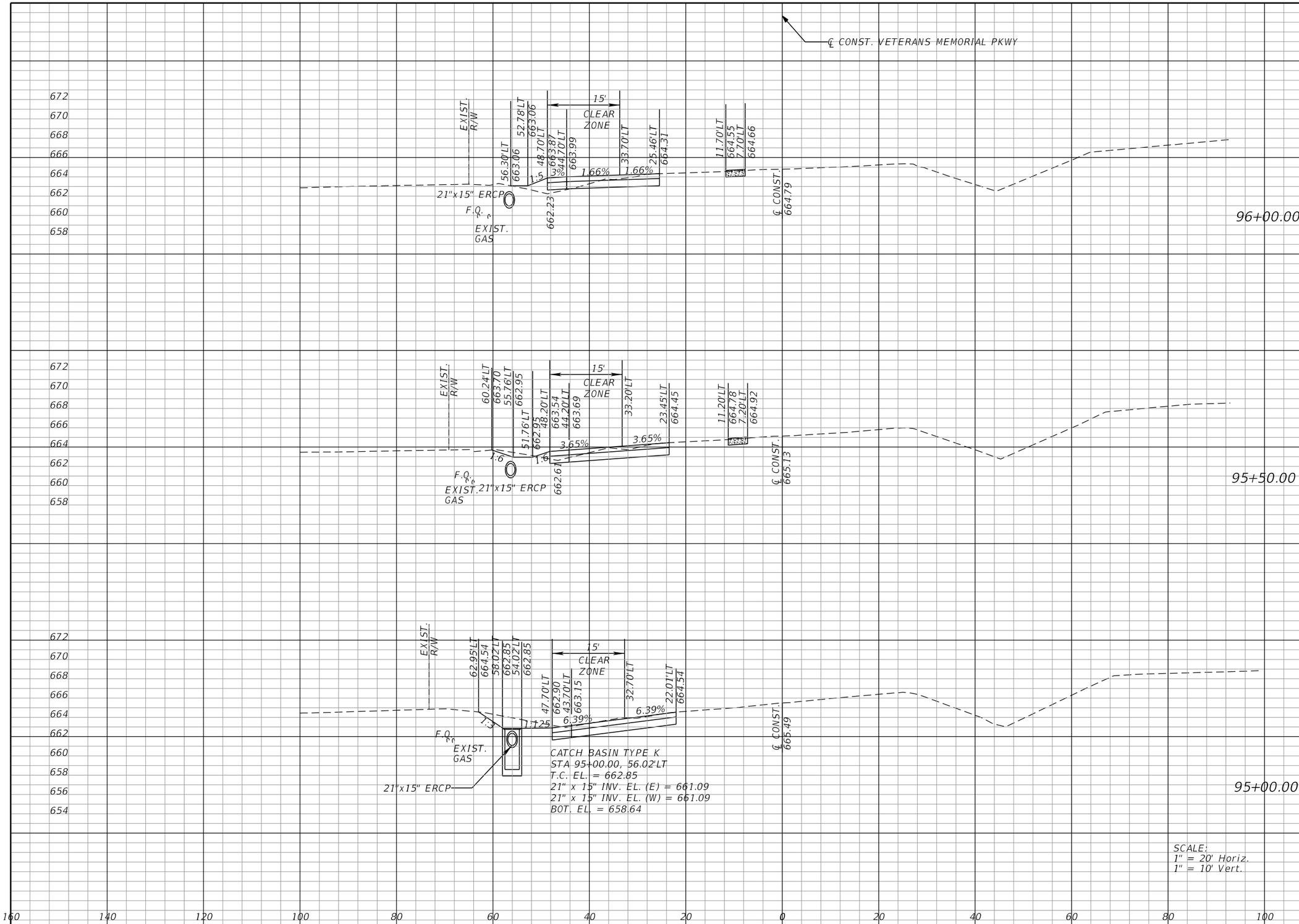
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (6)
VETERANS MEMORIAL PKWY

SHEET NO. 16



Regular Exc.		Embankment	
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
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(248) 893-3400
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SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (7)
VETERANS MEMORIAL PKWY

SHEET NO.
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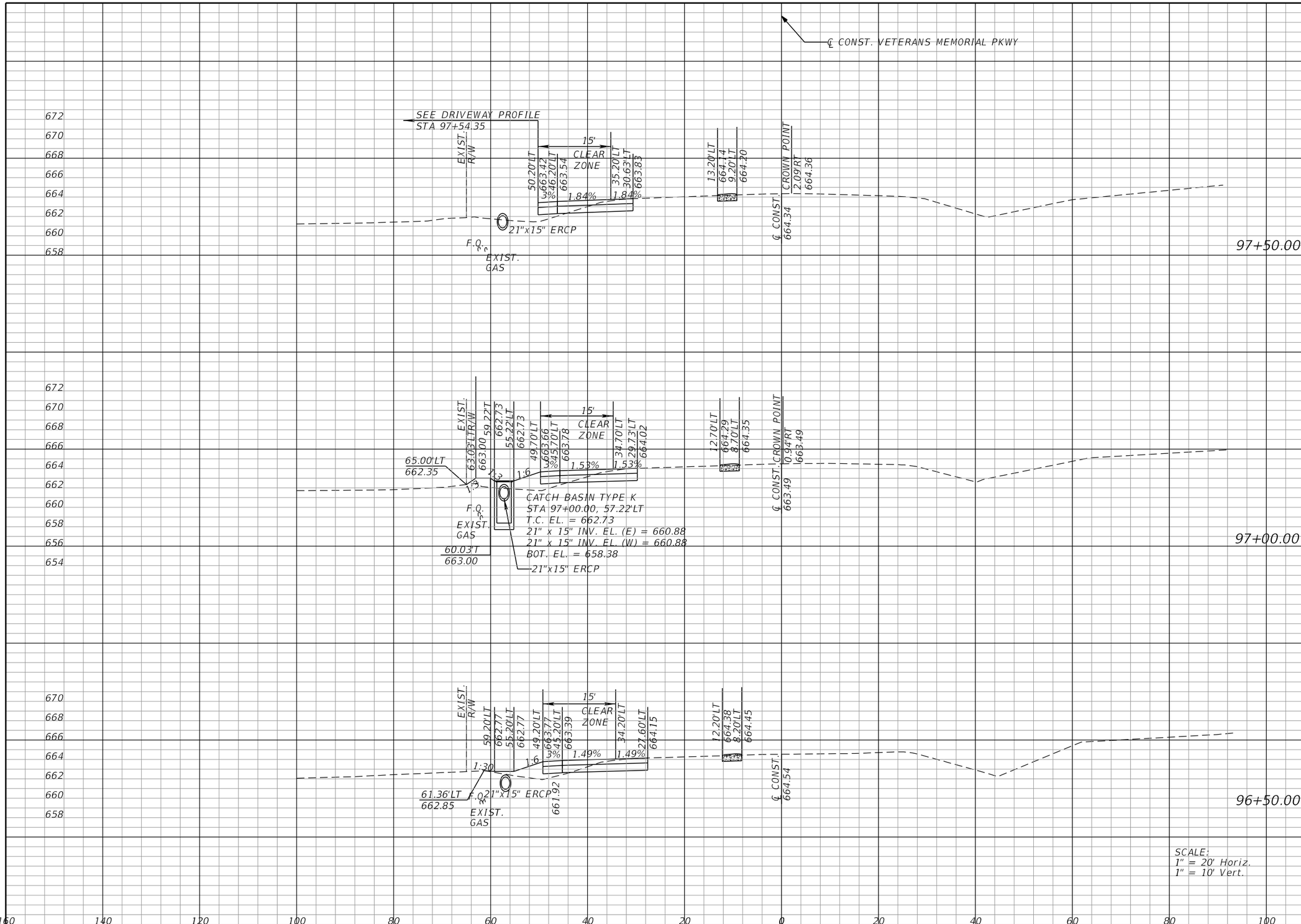

Regular Exc.		Embankment	
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REVISIONS

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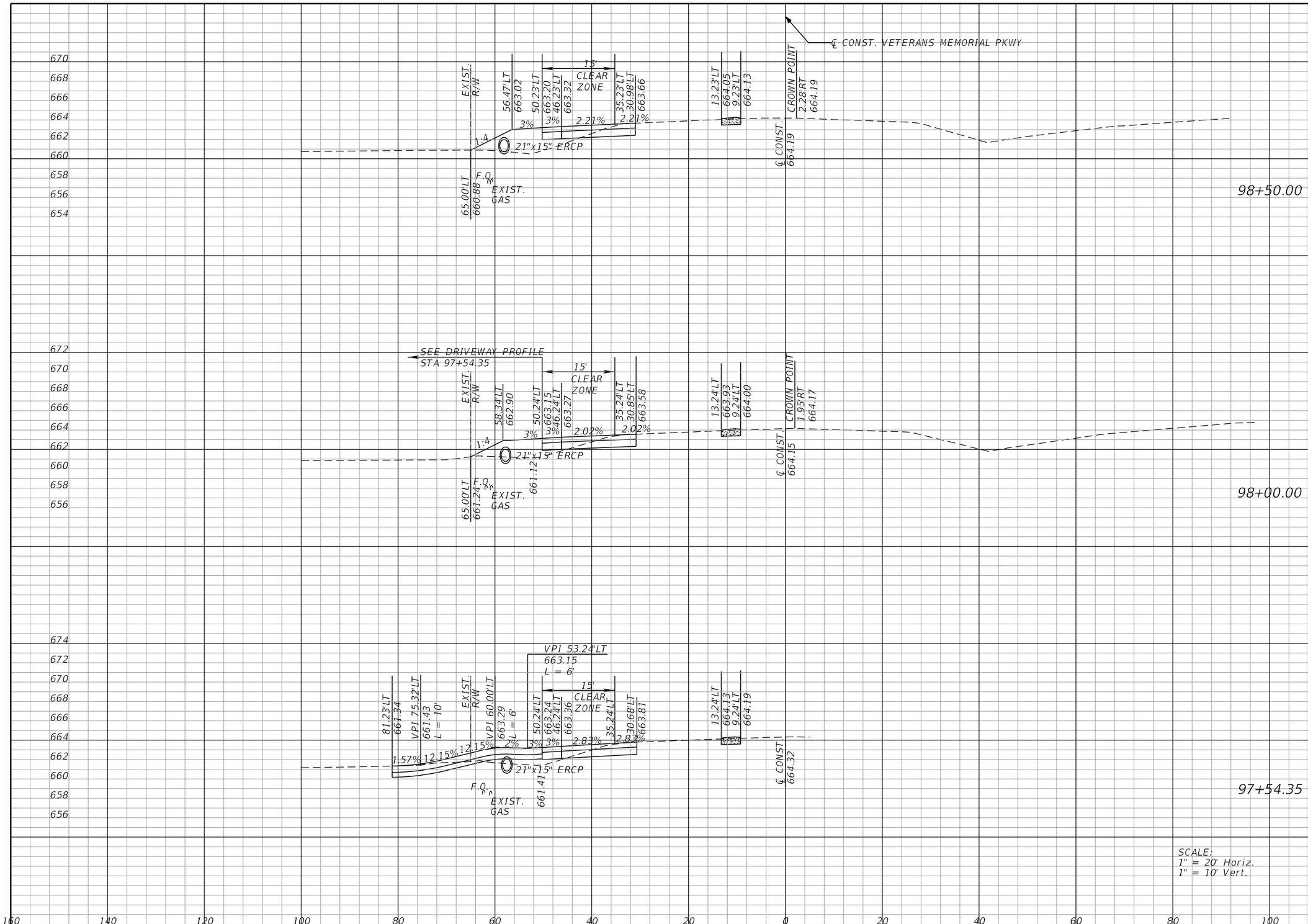
GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (8)
VETERANS MEMORIAL PKWY

SHEET NO. 18



Regular Exc.		Embankment	
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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
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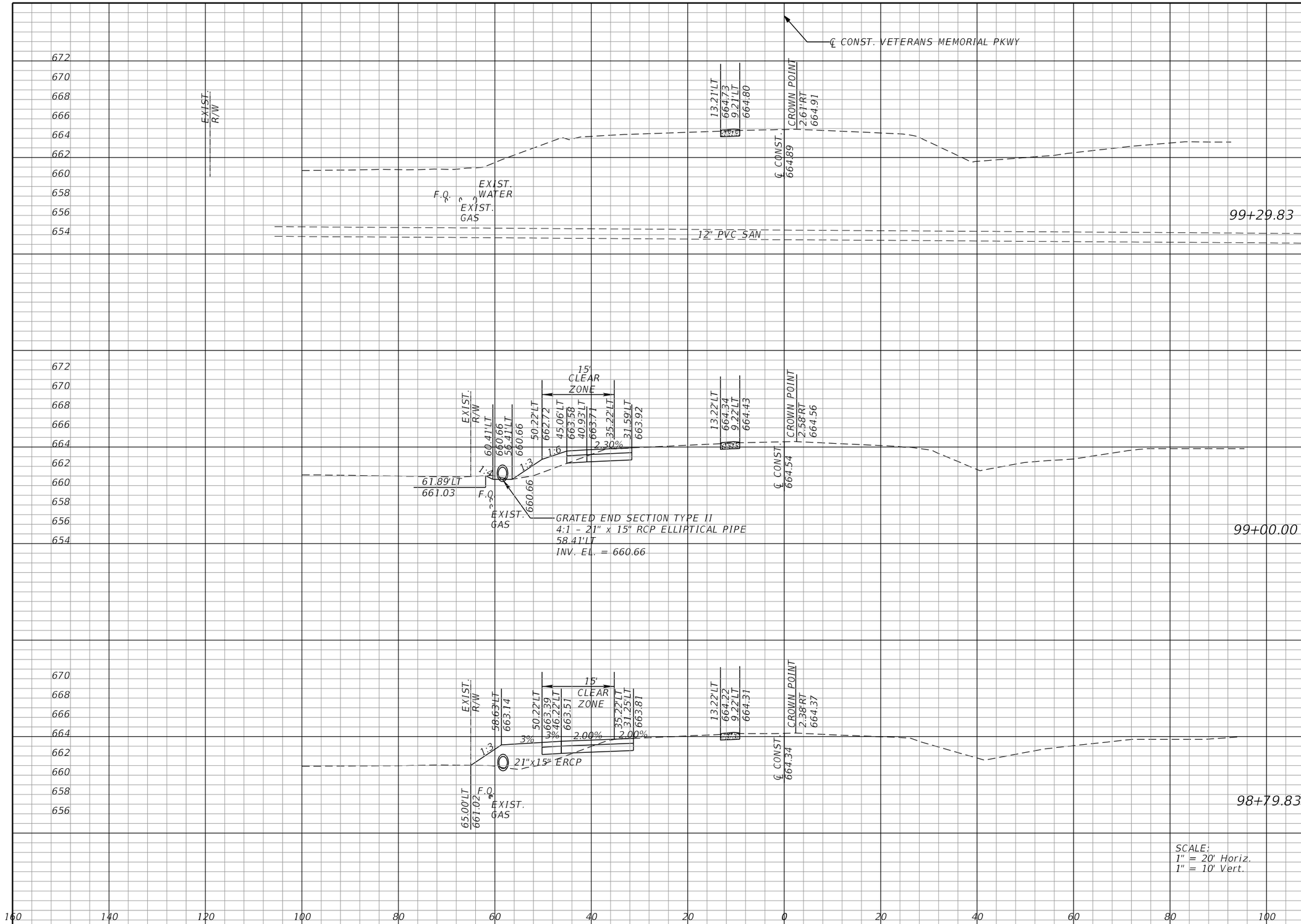
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (9)
VETERANS MEMORIAL PKWY

SHEET NO.
19



Regular Exc.		Embankment	
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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
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(248) 893-3400
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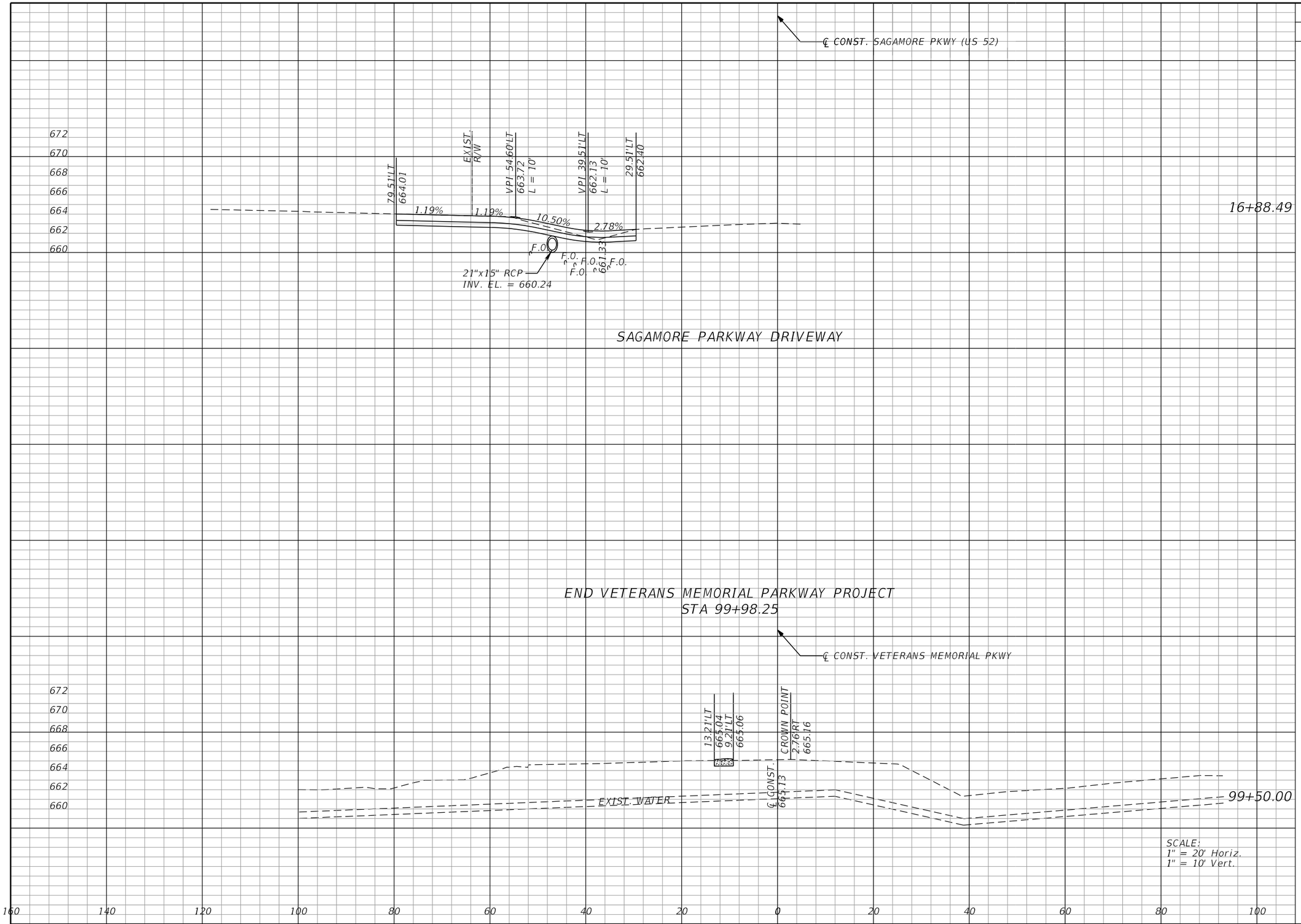
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (10)
VETERANS MEMORIAL PKWY

SHEET NO. 20



Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
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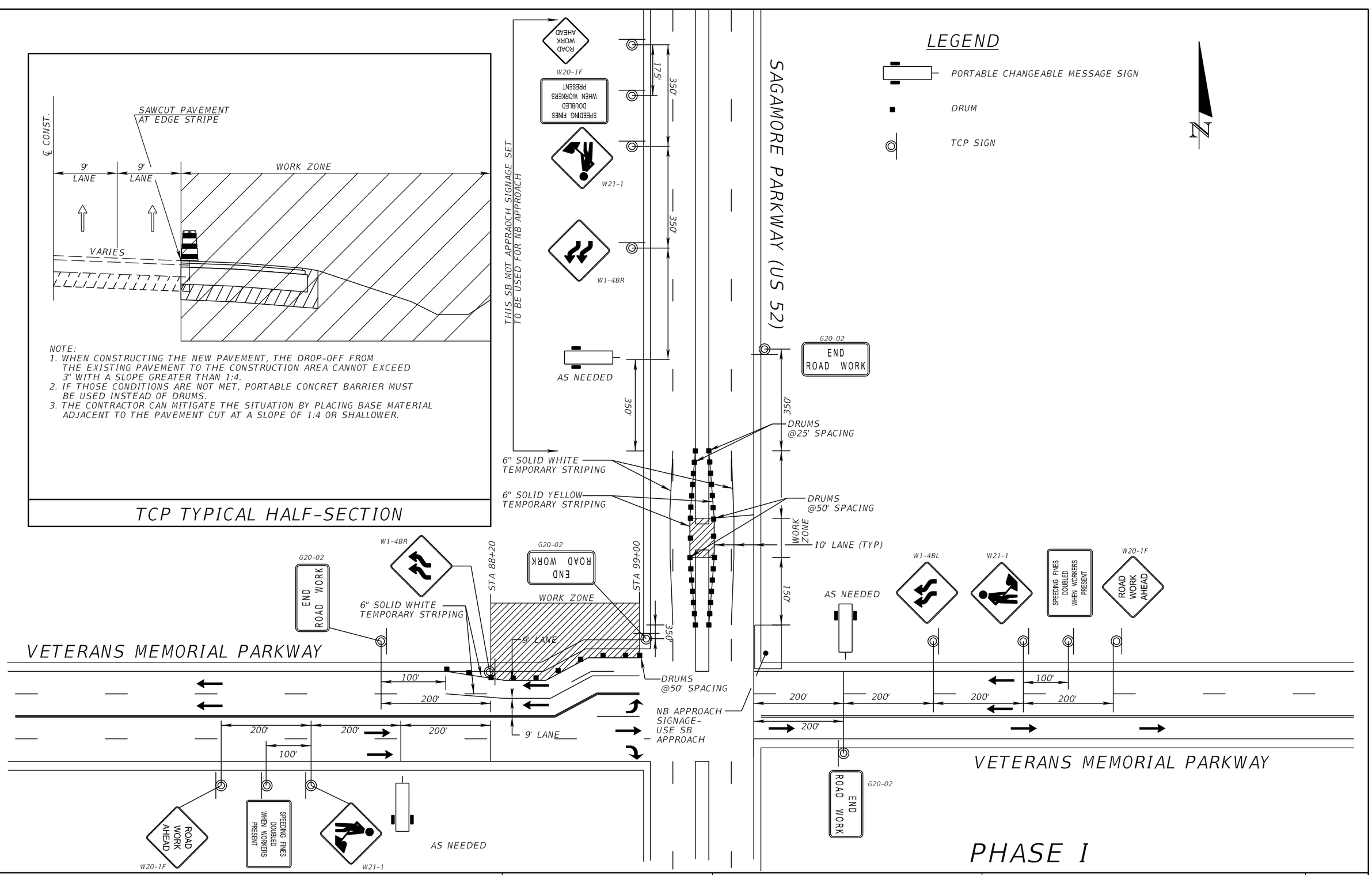
SPEEDWAY #100091
LAFAYETTE, IN

CROSS SECTIONS (11)
VETERANS MEMORIAL PKWY

SHEET NO.
21

NOTE:
1. WHEN CONSTRUCTING THE NEW PAVEMENT, THE DROP-OFF FROM THE EXISTING PAVEMENT TO THE CONSTRUCTION AREA CANNOT EXCEED 3" WITH A SLOPE GREATER THAN 1:4.
2. IF THOSE CONDITIONS ARE NOT MET, PORTABLE CONCRET BARRIER MUST BE USED INSTEAD OF DRUMS.
3. THE CONTRACTOR CAN MITIGATE THE SITUATION BY PLACING BASE MATERIAL ADJACENT TO THE PAVEMENT CUT AT A SLOPE OF 1:4 OR SHALLOWER.

TCP TYPICAL HALF-SECTION



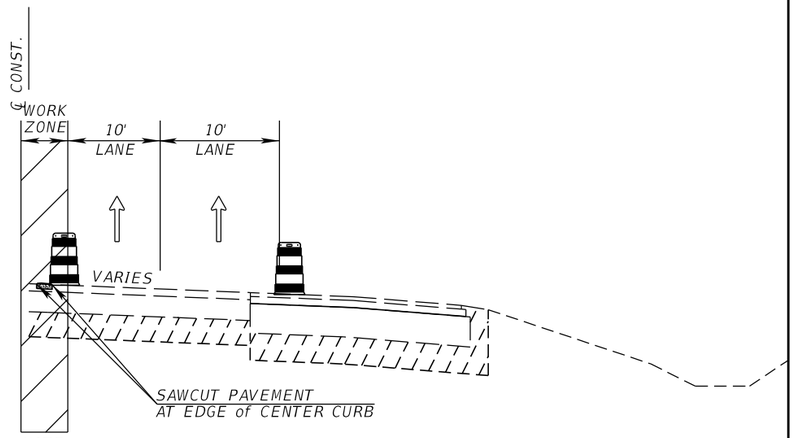
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

TRAFFIC CONTROL DETAILS

SHEET NO. 22



NOTE:
1. WHEN CONSTRUCTING THE NEW PAVEMENT, THE DROP-OFF FROM THE EXISTING PAVEMENT TO THE CONSTRUCTION AREA CANNOT EXCEED 3" WITH A SLOPE GREATER THAN 1:4.
2. IF THOSE CONDITIONS ARE NOT MET, PORTABLE CONCRET BARRIER MUST BE USED INSTEAD OF DRUMS.
3. THE CONTRACTOR CAN MITIGATE THE SITUATION BY PLACING BASE MATERIAL ADJACENT TO THE PAVEMENT CUT AT A SLOPE OF 1:4 OR SHALLOWER.

TCP TYPICAL HALF-SECTION

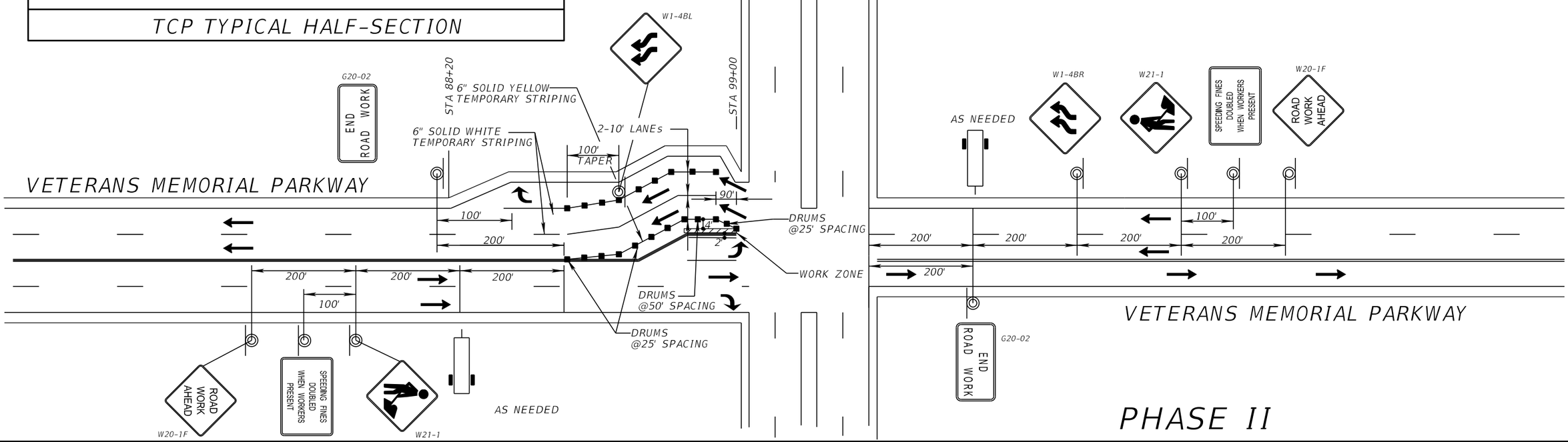
LEGEND

PORTABLE CHANGEABLE MESSAGE SIGN

DRUM

TCP SIGN

N



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
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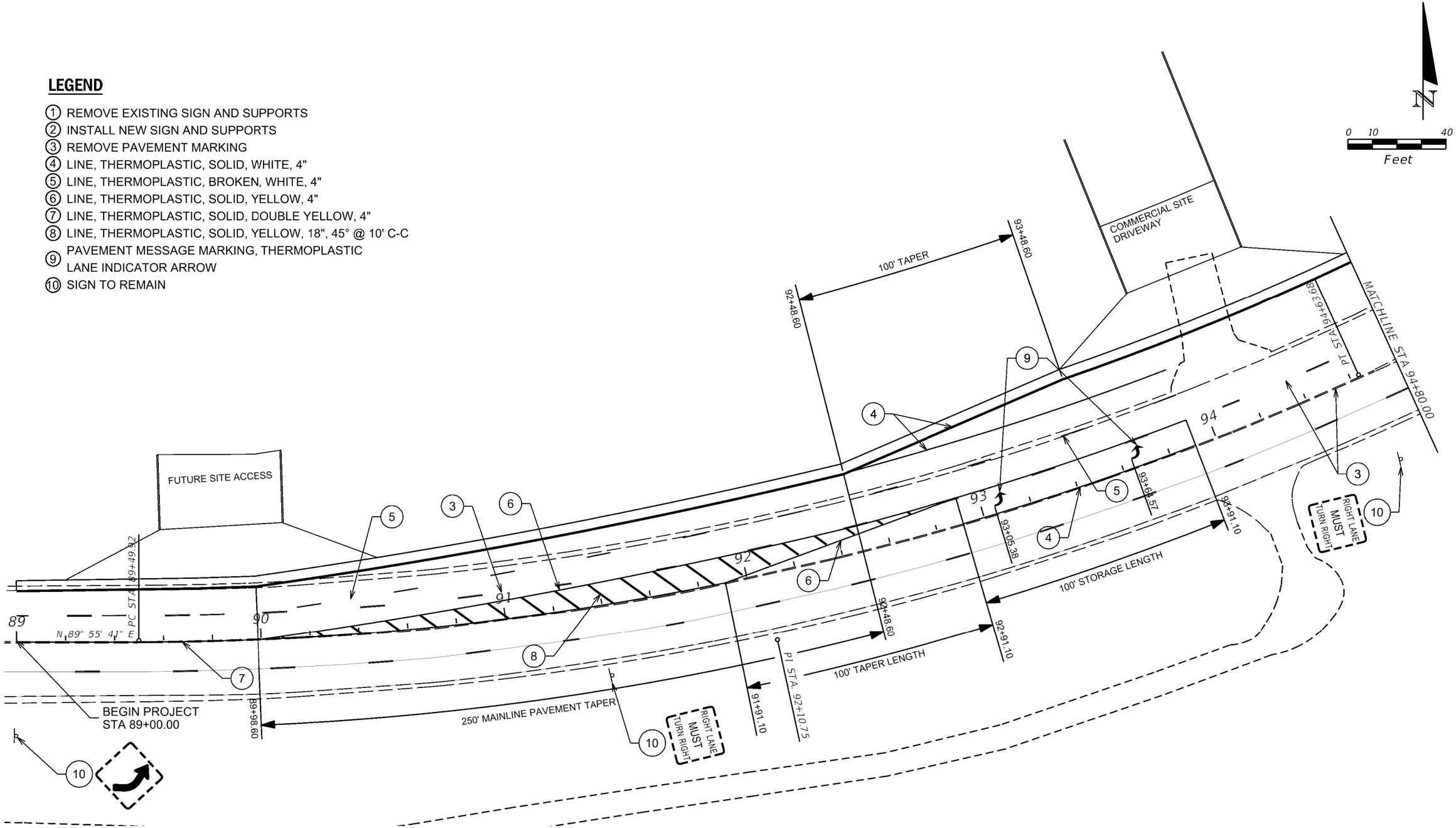
SPEEDWAY #100091
LAFAYETTE, IN

TRAFFIC CONTROL DETAILS

SHEET NO.
23

LEGEND

1. REMOVE EXISTING SIGN AND SUPPORTS
2. INSTALL NEW SIGN AND SUPPORTS
3. REMOVE PAVEMENT MARKING
4. LINE, THERMOPLASTIC, SOLID, WHITE, 4"
5. LINE, THERMOPLASTIC, BROKEN, WHITE, 4"
6. LINE, THERMOPLASTIC, SOLID, YELLOW, 4"
7. LINE, THERMOPLASTIC, SOLID, DOUBLE YELLOW, 4"
8. LINE, THERMOPLASTIC, SOLID, YELLOW, 18", 45° @ 10' C-C
9. PAVEMENT MESSAGE MARKING, THERMOPLASTIC LANE INDICATOR ARROW
10. SIGN TO REMAIN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

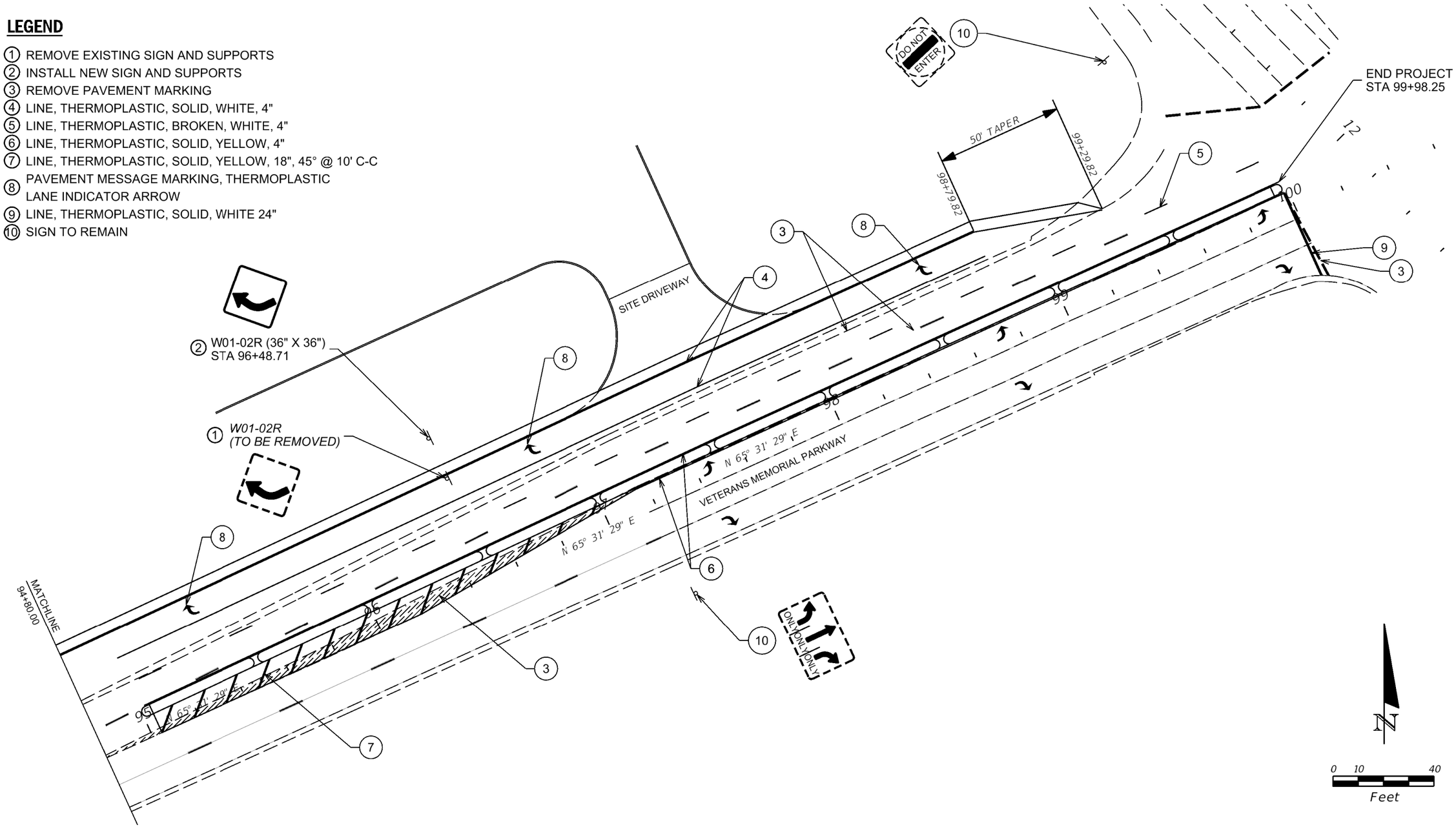
SPEEDWAY #100091
LAFAYETTE, IN

SIGNING & PAVEMENT MARKING PLAN (1)

SHEET NO.
24

LEGEND

1. REMOVE EXISTING SIGN AND SUPPORTS
2. INSTALL NEW SIGN AND SUPPORTS
3. REMOVE PAVEMENT MARKING
4. LINE, THERMOPLASTIC, SOLID, WHITE, 4"
5. LINE, THERMOPLASTIC, BROKEN, WHITE, 4"
6. LINE, THERMOPLASTIC, SOLID, YELLOW, 4"
7. LINE, THERMOPLASTIC, SOLID, YELLOW, 18", 45° @ 10' C-C
8. PAVEMENT MESSAGE MARKING, THERMOPLASTIC LANE INDICATOR ARROW
9. LINE, THERMOPLASTIC, SOLID, WHITE 24"
10. SIGN TO REMAIN



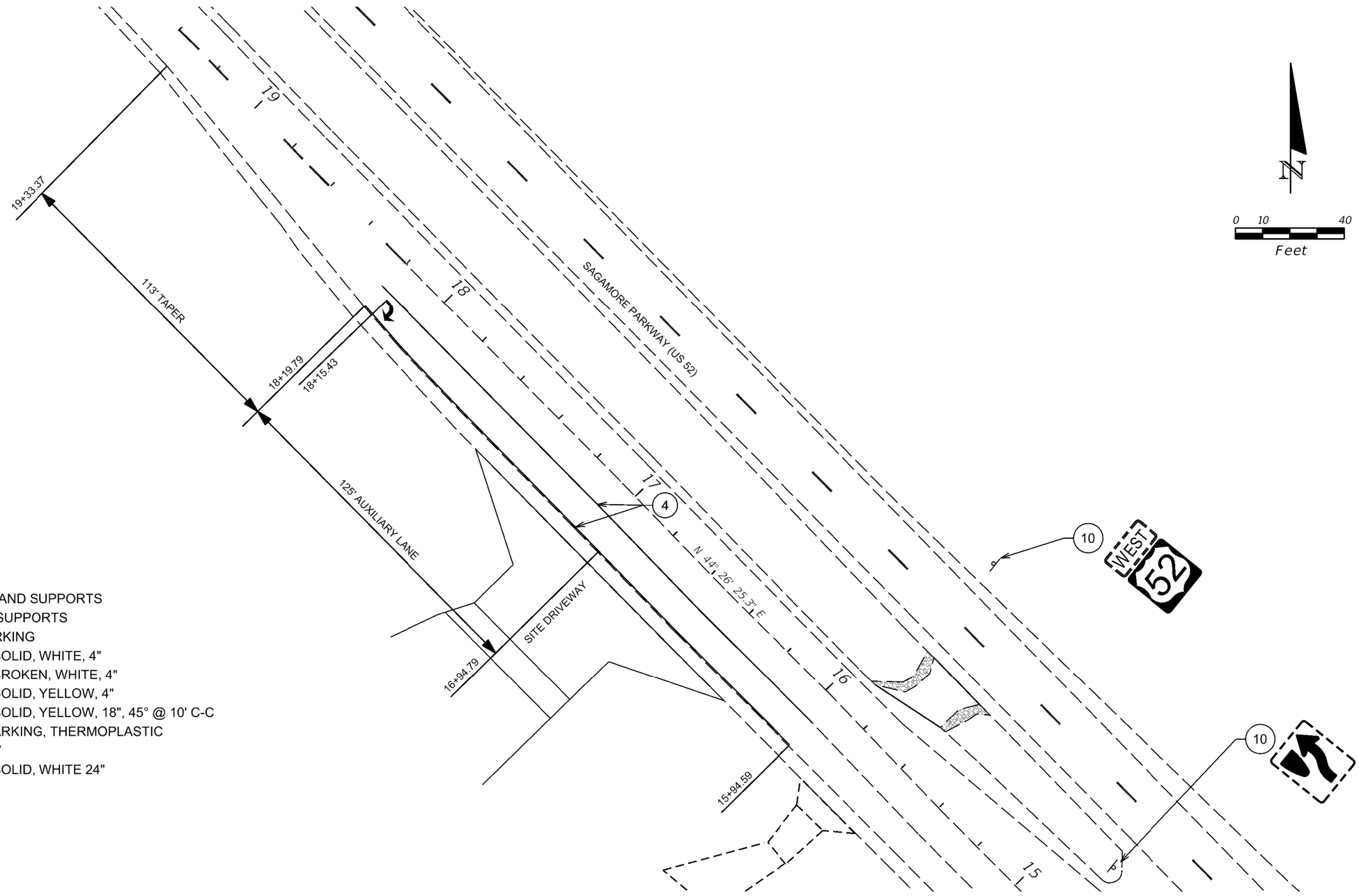
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

SIGNING & PAVEMENT MARKING PLAN (2)

SHEET NO. 25



LEGEND

1. REMOVE EXISTING SIGN AND SUPPORTS
2. INSTALL NEW SIGN AND SUPPORTS
3. REMOVE PAVEMENT MARKING
4. LINE, THERMOPLASTIC, SOLID, WHITE, 4"
5. LINE, THERMOPLASTIC, BROKEN, WHITE, 4"
6. LINE, THERMOPLASTIC, SOLID, YELLOW, 4"
7. LINE, THERMOPLASTIC, SOLID, YELLOW, 18", 45° @ 10' C-C
8. PAVEMENT MESSAGE MARKING, THERMOPLASTIC LANE INDICATOR ARROW
9. LINE, THERMOPLASTIC, SOLID, WHITE 24"
10. SIGN TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

GHD
26850 Haggerty Road
Farmington Hills, MI 48331
(248) 893-3400
Eric Tripi, P.E. 11400547

SPEEDWAY #100091
LAFAYETTE, IN

SIGNING & PAVEMENT MARKING PLAN (3)

SHEET NO. 26

INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N730
Indianapolis, Indiana 46204

PHONE: (317) 233-6938

Eric J. Holcomb, Governor
Joe McGuinness, Commissioner

LIMITED ACCESS RIGHT-OF-WAY (LARW) BREAK GUIDANCE

This guidance is current as of the date below, and is subject to further revision or update. To confirm current policy as it will apply to specific projects, please consult with local district Permit staff.

Summary: This document provides guidance on necessary steps to request new or modified access points to Indiana limited access roadways. It includes requirements for the justification of the request, and what documentation necessary to substantiate the request**.** *Also attached to the document is a flow chart outlining the process to provide a visual outline of INDOT's step by step review and approval process.*

LARW protects the traffic and safety operational integrity of the State's roadway network and the significant financial investment of that network. Changes to limited access control will be considered only for a compelling reason and when no viable alternatives exist.

This LARW Break Guidance complements the agency's Driveway Permit Manual.

Background: The surface transportation system plays a key role in shaping the economic health, quality of life and sustainability of the State. LARWs are an integral part of the surface transportation system, enabling the distribution of goods and services across Indiana. Procedures that protect that limited access are essential to preserve and enhance Indiana's State roadway system to comport with the surface transportation system.

This guidance document outlines the requirements for the justification and documentation necessary to substantiate any proposed changes in access to a LARW. This document also sets out steps to evaluate proposed access changes in a manner consistent with the vision, goals, and long-range transportation plans of the State.

Indiana Code 8-23-8-4(d) states: ***"A municipal street, a county or state highway, or other public way may not be opened into or connected with a limited access facility without prior consent of the authority having jurisdiction over the facility. Consent under this subsection may be given only if the PUBLIC INTEREST is served."*** *[Emphasis added]*

REQUIREMENTS FOR INDOT REVIEW OF LARW REQUEST

1. Commitments from INDOT relative to LARW break requests shall not be made before final approval is reached following the process outlined below.

2. The request for access must provide a detailed written explanation as to how and why the existing access points to State roadways and adjacent local roadways in the corridor do not provide the desired access, or how those roadways require improvement to satisfactorily accommodate traffic demands.

   a. Each break in the control of access to State right-of-way is an access point and must be identified in the request.

   b. For the purpose of these procedures, each entrance or exit point (including "locked gate" access) is also considered an access point and must be identified in the request.

3. Review of the acquisition documents to verify that the impacted road is LARW should be done by the INDOT Central Office (CO) Records Manager.

4. The proposed break must not negatively modify roadway drainage or storm water features. An analysis of present and future drainage is required if the project modifies or crosses a drainage feature or storm water management feature. All proposed drainage features must meet requirements of the Indiana Design Manual (IDM). Hydraulic calculations must be reviewed and approved by the CO Hydraulics Director.

5. Traffic operational analysis (TOA, referenced as "traffic operations analysis study" in the Indiana Administrative Code) or a full traffic impact study analysis (TIS) must be completed and conclude that the proposed access change does not have an adverse impact on the safety and operation of State roadways now or in the future. It must also conclude that the request is reasonable, and that no feasible alternative options exist. The District Permit Manager, in consultation with the District Traffic Engineer and CO Traffic Engineering Director, will determine what level of study is required.

6. Each proposed access point for a drive must only connect to a public road and provide for specific traffic movements.

7. Each proposed access point must be consistent with local and regional land use and transportation plans and meet local zoning requirements. When a new or revised access point is proposed to respond to a new, expanded, or substantial change in current or planned future development or land use, the request must include documentation of approval from all approvers identified in the LARW Break Approval Form.

8. In corridors where potential exists for *future multiple* access breaks, a comprehensive corridor or network study must accompany the request. The request must include recommendations addressing the proposed access changes within the context of a long-range plan.

9. **Non-Interstate LARW breaks vs. Interstate LARW breaks**

   a. **Non-Interstate LARW break** requests for a new or revised access point must include a State Environmental Policy Act (SEPA) document addressing impacts to environmental resources. The SEPA document must be reviewed by the Environmental Services Director, and then approved by INDOT as the agency granting the break. Breaks that do not receive regulatory approval will not be approved by INDOT.

b. **Interstate LARW breaks, including LARW not along the trunk line:**

1. **INDOT is required to submit Interstate LARW break requests to the Indiana FHWA Division Office for review and approval.** As part of the FHWA-INDOT Stewardship and Oversight Agreement, FHWA maintains approval authority of LARW breaks on the Interstate System.

2. FHWA approval constitutes a Federal action. As such, requires compliance with the National Environmental Policy Act (NEPA); that is, it requires an environmental study.

3. For select types of Interstate access changes, instead of these procedures, the applicable authority is the State of Indiana Interstate Access Request Procedures. The latter document applies principally to significant modifications in the form of adding or deleting on- or off-ramps at interchanges. INDOT is the sponsor of the requested action, appealing to FHWA for permission to alter access. In most cases, actions of this type are within the agency's capital construction program (for instance, adding a loop ramp at an existing diamond interchange, or constructing an interchange at an entirely new location).

10. **Final Approval for a LARW Break**

a. **Non-Interstate LARW:** Requests for drive access alterations are approved by the respective District Deputy Commissioner.

b. **Interstate LARW:** Requests for drive access alterations, including LARW breaks not on the mainline Interstate, can only be approved by the Commissioner or the Commissioner's designee, i.e. the INDOT the Managing Director of Engineering, Chief Engineer. While the Chief Engineer is the final approving authority for INDOT, explicit approval is also required from FHWA (Indiana Division Office in Indianapolis).

c. Proposals must complete intermediate steps of review and approval prior to final approval by the District Deputy Commissioner or Chief Engineer.

PERMIT PROCESS PROCEDURE FOR CHANGES IN ACCESS TO LARW

1. An application for a Driveway Permit must be submitted to and reviewed by the respective District's Permit staff and other parties as outlined. The application must include all necessary information along with a brief description of the project. The description should explain the justification as to why access should be altered and details regarding alternatives, including "do nothing." The application must include:

a. TOA or TIS, if warranted, along with reviewer comments. (The TIS requirement may be waived by INDOT but the waiver must be made in writing to the applicant.)

b. Plans prepared and stamped by a Registered Engineer in the State of Indiana, in a suitable format for constructability.

c. A hydraulic analysis, if the project modifies or crosses a drainage feature or storm water management feature.

d. A SEPA or NEPA guidance, as detailed above, describing impacts to the human and natural environments.

e. If additional lanes are proposed (including auxiliary lanes), a separate plan sheet dedicated to maintenance of traffic (MOT) in accordance with the IDM and Indiana Manual for Uniform Traffic Control Devices (IMUTCD). A plan sheet should be dedicated to pavement markings for proposed additional lanes.

*Submitting the required documents in **no way implies that limited access will be changed or a break will be granted**. Each document is a tool to evaluate if the **"public interest is served."** FHWA may be involved in the permitting approval process, and may require additional information or analysis.*

f. If a traffic signal is proposed, plans for the construction of the traffic signal. If a traffic signal is not proposed initially but warranted in the future, the requestor may be required to complete a traffic signal covenant.

g. All ownership/developer documentation, such as a deed, affidavit, title, etc., that provides proprietorship information about the property.

h. All acknowledgement letters (for example, LPA support, zoning permits, remonstration or letters from other governmental agencies).

All documentation and communication should be exchanged through INDOT's EPS messaging system.

2. Once all the necessary information is received, along with all District technical expert reviews and recommendations, then the District's Permit staff will forward its recommendation to the District Permit Manager. The District Permit Manager may elect to deny or move forward with any request to alter access of the highway based on sound professional judgment provided by the recommendations of the aforementioned technical experts.

3. **INDOT will determine the value of the enhancement to the property in order to assure the State will receive adequate compensation for the proposed break.** The Real Estate Division will arrange for a "before and after" valuation analysis to determine if compensation is required due to the property being enhanced by the break.

If the LARW Break request is to change a field entrance to a residential driveway, then the district may approve without CO review as long as there is no change in the location or size of the opening.

4. If the District Permit Manager reviews and determine~~s~~ the information provided by the required areas of INDOT technical expertise and the documentation are sufficient, and

the applicant is prepared to pay the acquisition charges, then the request moves forward to the CO Real Estate Division and other involved INDOT offices.

If the applicant wishes to obtain its own appraisals: Notify the applicant that those appraisals are subject to INDOT's review and consideration. State law requires INDOT's appraisers to determine value.

5. For cases involving Interstate LARW, the Managing Director of Engineering, Chief Engineer will review and make the final determination for INDOT to approve or deny the LARW break, based on the information provided in the application and comments provided by INDOT technical experts. (FHWA retains final approving authority for Interstate break requests.)

6. The District Permit Manager will continue processing the application upon receiving the final decision.

   a. **If approved:** The District Permit Manager will ensure that technical expert comments have been addressed, contact CO Real Estate to begin property disposal efforts, and proceed with the application approval process.

   b. **If denied:** The District Permit Manager will proceed with the application denial process.

POST CONSTRUCTION PROCEDURES

1. If construction of the Driveway Permit has been completed to the satisfaction of the District Permit Inspector's permit completion compliance review, a notification will be sent via EPS to announce project completion.

2. Upon completion of construction and prior to releasing the performance bond or complying the permit:

   a. The Real Estate Operations Supervisor will prepare a quitclaim deed in conjunction with INDOT legal that will quitclaim the right to control ingress/egress along the break.

      The permittee (requestor) must supply all of the following items to INDOT CO Real Estate:

      1. Completed Real Estate W-9 Form (provided by INDOT CO Real Estate).
      2. Legal description of the proposed LARW break.
      3. Plat of a licensed stamped survey accompanied by the description(s).
      4. Proof of ownership of parcel impacted by the break (Title Report, Abstract of Title, Last Deed of Record).
      5. Corporate Authority Affidavit (if title is under corporation) or other affidavits, as applicable.

6. For new right-of-ways, re-acquisition of the existing right-of-way if an adjoining property owner owns fee simple to the centerline of the existing road.

7. Any charges will be based on the fair market value assessed for changes in valuation as required by Indiana Code, as communicated at the outset of the project to the applicant by the District Permit Manager.

b. The Real Estate Operations Supervisor will route the deed for signatures, and then to the Research and Documents Library for recordation in the appropriate county.

c. Once the recorded deed has been returned back from the respective county, the Real Estate Operations Supervisor will upload the recorded deed into EPS and send the original deed to the permittee.

3. One year after the permit has been completed, the permitted work will be inspected by District Permit Staff to conduct an operational and safety analysis of the break and ensure compliance with permit requirements and best management practices to control for and prevent pollutant discharge onto INDOT's right-of-way.

a. If the permit conditions and provisions have been met, the permit is complied/closed out and the performance bond is released by the District Permit Manager.

b. If the inspection uncovers deficiencies, the permittee is required to make necessary repairs. If the permittee refuses to timely complete the repairs, then INDOT will call in the bond and see that the work is completed satisfactorily.

Limited Access of Right-of-Way Break Permitting Process

A request is made to alter the breaks on a limited access INDOT right-of-way.

The request must include detailed written justification and concept drawings. **Permit Mgr.** receives them and provides to **DDC** for review. **Permit Mgr.** notifies applicant upfront that there will be a fair market value charged for breaking INDOT LARW if approved.

Does request pass initial **DDC** review?

No → Request denied.

Yes → **Permit Mgr.** sends request to **CO Real Estate Records Mgr.** to verify this is a LARW.

Is this a verified LARW?

No → Request follows standard permit procedure.

Yes → **Permit Mgr.** sends break request plans for technical review.

Initial technical review

All reviews are to be completed within 10 days.

- ***Hydraulics Engineer** conducts drainage impact review.
- ***Traffic Engineer** determines level of study required, if other access could be utilized.
- ***Mgr. of Corridor Development** assesses feasibility of project.
- **CO Environmental** conducts review for SEPA/NEPA compliance.

Permit Mgr. compiles and reviews feedback.

Are unresolvable issues identified by technical review?

Yes → Request denied.

No → **Permit Mgr.** provides technical review responses from all areas to **DDC** to review.

Does request pass **DDC** initial review?

No → Request denied.

Yes → Is this an Interstate?

Yes → **Permit Mgr.** sends a notification to **FHWA** & **Director of Traffic Engineering** via EPS to alert them of request.

No → **Permit Mgr.** assists applicant with completing application process, receives final plans, and holds scoping meeting with consultant.

Technical review of final plans

All reviews are to be completed within 10 days.

- ***Hydraulics Engineer** reviews drainage design.
- ***Traffic Engineer** reviews Traffic Impact Study and signal design.
- ***Design Engineer** reviews plans for sufficient detail.
- **CO Real Estate** reviews ownership/ developer documentation, legal description of break.
- **CO Environmental** reviews SEPA/ NEPA documentation.

Do all technical experts approve?

No → Are unresolvable issues identified by technical review?

No → Applicant takes actions to resolve issue.

Yes → Request denied.

Yes → *Continued on next page*

***For Interstates:**
Reviews must be completed by Central Office.
For non-Interstates:
Reviews may be completed by District if expertise in these areas is available.

Abbreviations:
CO: INDOT Central Office
DDC: District Deputy Commissioner
FHWA: Federal Highway Administration
LARW: Limited access right-of-way
NEPA: National Environmental Policy Act
SEPA: State Environmental Policy Act

Continuing from previous page

Permit Mgr. drafts Letter of Recommendation with attached LARW Break Approval Form for final sign-off.

Form must be initialed by:

- **Director of Traffic Engineering**
- **CO Director of Real Estate**
- **Director of Highway Design**
- **Director of Hydraulics**
- **CO Director of Environmental Services**

Additional initials required for INDOT construction projects.
- **Director of Construction & Material Management**
- **Project Manager**

Sign-off by **District TSD**.

Sign-off by DDC.

Final check/ signature by **District Permit Mgr.** to ensure all sign-offs have occurred.

Is this an Interstate?

Yes → **Managing Director of Engineering, Chief Engineer** solicits comments from FHWA.

Does the project receive sign-off from FHWA?

No → Request denied.

Yes → Final review by **Managing Director of Engineering, Chief Engineer**.

No → LARW Break Permit is approved.

CO Real Estate Process

Some steps happening concurrently with permitting processes.

Obtain copy of INDOT deed.

Approve legal description and plat.

Request HAZMAT and Categorical Exclusion (CE) Environmental review from CO Environmental.

Request Valuation Analysis.

Prepare Commissioner's Order with justification documentation.

Any Federal lands?

Yes → Compute payback percentage.

No → Send offer letter with conditions to applicant.

Post Construction

Permit Manager notifications

Inspection one year after completion: If all work is acceptable, notification is sent to appropriate INDOT departments notifying them of project completion. **Permit Mgr.** closes out permit and releases bond.

- **CO Real Estate Operations Supervisor**
- **Managing Director of Engineering, Chief Engineer**
- **State Permit Executive**
- **CO Technical Services Director**

Prior to releasing Performance Bond, **Real Estate Operations Supervisor** prepares Quit Claim Deed, then sends to **Research and Recordings** for recording in appropriate county.

Receive confirmation that Quit Claim Deed is recorded.

Real Estate Operations Supervisor uploads recorded deed to EPS.

THE
Area Plan Commission
of TIPPECANOE COUNTY

20 NORTH 3RD STREET
LAFAYETTE, INDIANA 47901-1209

(765) 423-9242
(765) 423-9154 [FAX]
www.tippecanoe.in.gov/apc

SALLIE DELL FAHEY
EXECUTIVE DIRECTOR

January 10, 2019
Ref. No.: 2020-012

Susie Kemp, Local Program Director
INDOT Crawfordsville District
41 West 300 North
Crawfordsville, IN 47933

Dear Susie:

By this letter I am administratively modifying the FY 2020-2024 TIP. This modification reallocates $108,000 in FY 2020 in STBG PYB funds from the right-of-way phase of the Park East project, des #1700405 and $138,600 in STBG funds from the Twyckenham project, des #1401285 to the construction phase of the Concord trail lighting project, des #1900477. These funds will be used for construction engineering and construction.

The attached spreadsheet shows the details. Please call if you have any questions or need additional information.

Sincerely,

Sallie Dell Fahey
Executive Director

attachment

cc Jeromy Grenard, Lafayette City Engineer
Carla Sheets, INDOT Crawfordsville District Office
Justin Sergent, INDOT Central Office
Stephani Vermillion, INDOT Central Office

Quarterly Progress Review of Local Highway Projects - December 2019

Tippecanoe County

Klondike Road, Des #1173626

Contract # R-35296

Consulting Firm: Strand Associates, Inc.

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design	n/a	n/a	---	---	---	*---*	---	*---*	
Stage 2 Design (not req. by INDC	---	---	---	---	---	*---*	---	*---*	
Environ. Report Complete	5/14	5/14	1/17	1/17	1/17	*100%*	1/17	*100%*	
R/W Clear	1/18	1/18	11/17	11/17	11/17	*100%*	11/17	*100%*	
Stage 3 Design	10/17	10/17	10/17	10/17	10/17	*100%*	10/17	*100%*	
Ready for Contract	1/18	1/18	1/18	1/18	1/18	*100%*	1/18	*100%*	
Letting	3/18	3/18	3/18	3/18	3/18	*100%*	3/18	*100%*	
Project Funding									
PE Updated Estimate	$879,800	$879,800	$879,800	$879,800	$879,800		$879,800		
Awarded Federal Funds PE	$143,840	$143,840	$143,840	$143,840	$143,840		$143,840		
TIP PE Amount (Fed $)	$43,040	$43,040	$509,640	$509,640	$509,640		$509,640		FY '14,'15,'18
RW Updated Estimate	$2,554,064	$2,554,064	$2,554,064	$2,554,064	$2,554,064		$2,554,064		
Awarded Federal Funds RW	$2,043,251	$2,043,251	$2,068,762	$2,068,762	$2,068,762		$2,068,762		
TIP RW Amount (Fed $)	$92,455	$92,455	$2,161,217	$2,068,762	$2,068,762		$2,068,762		FY '15-'18
CN Updated Estimate (w/ CE)	$10,034,722	$9,857,000	$10,034,722	$10,034,722	$10,034,722		$10,034,722		
Awarded Federal Funds CN	$7,783,000	$7,783,000	$8,050,788	$8,050,788	$8,050,788		$8,050,788		
TIP CN Amount (Fed $)	$7,782,999	$7,782,999	$8,282,631	$8,287,620	$8,287,620		$8,287,620		FY '18-'20
Total All Phases	$13,468,586	$13,290,864	$13,468,586	$13,468,586	$13,468,586		$13,468,586		
Permits Required									
401	ok	ok	1/17	1/17	1/17		1/17		
404	ok	ok	1/1	1/1	1/1		1/1		
Rule 5	ok	ok	5/17	5/17	5/17		5/17		

LPA Comment: *Email sent to MPO.*

APC Comment: *Any remaining issues for project being completed on time? Has project manager submitted request for change orders?*

Lindberg Road, Des #1173627

Contract # R-35297

Consulting Firm: Strand Associates, Inc.

Project Schedule									
Stage 1 Design	4/14	4/14	4/14	4/14	4/14	*100%*	4/14	*100%*	
Stage 2 Design	---	---	---	---	---	*---*	---	*---*	
Environ. Report Complete	5/14	5/14	5/14	5/14	5/14	*100%*	5/14	*100%*	
R/W Clear	11/17	11/17	11/17	11/17	11/17	*100%*	11/17	*100%*	
Stage 3 Design	6/20	2/20	10/17	10/17	10/17	*75%*	10/17	*100%*	
Ready for Contract	4/20	7/20	3/20	4/20	4/20	*0%*	4/20	*0%*	
Letting	7/20	7/20	4/20	7/20	7/20	*0%*	7/20	*0%*	
Project Funding									
PE Updated Estimate	$402,000	$402,000	$402,000	$402,000	$402,000		$402,000		
Awarded Federal Funds PE	$0	$0	$0	$0	$0		$0		
TIP PE Amount (Fed $)			$0	$0	$0		$0		
RW Updated Estimate	$410,134	$410,134	$410,134	$410,134	$410,134		$410,134		
Awarded Federal Funds RW	$319,860	$319,860	$319,860	$319,860	$319,860		$319,860		
TIP RW Amount (Fed $)	$0	$0	$319,860	$319,860	$319,860		$319,860		FY '16 & '17
CN Updated Estimate (w/ CE)	$3,825,187	$3,825,187	$4,018,838	$4,468,838	$4,468,838		$4,367,827		
Awarded Federal Funds CN	$2,650,692	$2,650,692	$2,650,692	$2,650,692	$2,650,692		$2,650,692		
TIP CN Amount (Fed $)	$2,650,692	$2,650,692	$2,650,692	$2,650,692	$2,650,692		$2,650,692		FY '21
Total All Phases	$4,637,321	$4,637,321	$4,830,972	$5,280,972	$5,280,972		$5,179,961		
Permits Required									
401			no information	no information	no information		no information		
404			no information	no information	no information		no information		
Rule 5			no information	no information	no information		no information		

LPA Comment: *Email sent to MPO.*

APC Comment: *CN cost reduced, is this correct? How close are we to being ready for contract and July letting?*

Quarterly Progress Review of Local Highway Projects - December 2019

North River Road at River Bend Hospital, Des #1401047

Contract # R-37686

Consulting Firm: Beam, Longest and Neff, LLC

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design			4/15	4/15	4/15	***100%***	4/15	***100%***	
Stage 2 Design	---	---	---	---	---	***---***	---	***---***	
Environ. Report Complete	3/17	3/17	3/17	3/17	3/17	***100%***	3/17	***100%***	
R/W Clear	6/18	6/18	6/18	6/18	6/18	***100%***	6/18	***100%***	
Stage 3 Design	5/18	5/18	5/18	5/18	5/18	***100%***	5/18	***100%***	
Ready for Contract	8/18	8/18	7/18	7/18	7/18	***100%***	7/18	***100%***	
Letting	10/18	10/18	10/18	10/18	10/18	***100%***	10/18	***100%***	
Project Funding									
PE Updated Estimate	$231,000	$231,000	$231,000	$231,000	$231,000		$231,000		
Awarded Federal Funds PE	$0	$0	$0	$0	$0		$0		
TIP PE Amount (Fed $)		$0	$0	$0	$0		$0		
RW Updated Estimate	$95,116	$95,116	$95,116	$95,116	$95,116		$95,116		
Awarded Federal Funds RW	$0	$0	$0	$0	$0		$0		
TIP RW Amount (Fed $)	$0	$0	$0	$0	$0		$0		
CN Updated Estimate (w/ CE)	$1,133,306	$1,101,949	$1,101,949	$1,101,949	$1,101,949		$1,101,949		
Awarded Federal Funds CN	$659,800	$659,800	$832,160	$832,160	$832,160		$832,160		
TIP CN Amount (Fed $)	$659,800	$659,800	$832,160	$832,160	$832,160		$832,160		FY '19
Total All Phases	$1,499,982	$1,428,065	$1,428,065	$1,428,065	$1,428,065		$1,428,065		
Permits Required									
401			approved	approved			5/18		
404			5/18	5/18			5/18		
DNR			5/17	5/17			5/17		
Rule 5			5/18	5/18			5/18		

LPA Comment: *Email sent to MPO.*

APC Comment: *Road has reopened. How close is project to final closeout?*

Concord at CR 430S Intersection, Des #1401282

Contract # R-37912

Consulting Firm: Butler, Fairman and Seufert. Inc.

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design	---		---	---	---	***---***	---	***---***	
Stage 2 Design	---		---	---	---	***---***	---	***---***	
Environ. Report Complete	8/17		8/17	8/17	8/17	***100%***	8/17	***100%***	
R/W Clear	10/18	12/18	12/18	12/18	12/18	***100%***	12/18	***100%***	
Stage 3 Design	8/18	8/18	8/18	8/18	8/18	***100%***	8/18	***100%***	
Ready for Contract	11/18	12/18	12/18	12/18	12/18	***100%***	12/18	***100%***	
Letting	1/19	3/19	3/19	3/19	3/19	***100%***	3/19	***100%***	
Project Funding									
PE Updated Estimate	$225,355	$225,355	$225,355	$225,355	$225,355		$225,355		
Awarded Federal Funds PE	$202,820	$202,820	$202,820	$202,820	$202,820		$202,820		
TIP PE Amount (Fed $)	$0	$0	$202,820	$202,820	$202,820		$202,820		FY '16
RW Updated Estimate	$200,000	$200,000	$200,000	$200,000	$200,000		$200,000		
Awarded Federal Funds RW	$165,420	$165,420	$165,420	$165,420	$165,420		$165,420		
TIP RW Amount (Fed $)	$165,420	$165,420	$165,420	$165,420	$165,420		$165,420		FY '18
CN Updated Estimate (w/ CE)	$970,988	$970,988	$823,605	$823,605	$823,605		$823,605		
Awarded Federal Funds CN	$893,931	$893,931	$893,931	$741,244	$741,244		$832,732		
TIP CN Amount (Fed $)	$893,931	$893,931	$758,751	$758,751	$758,751		$758,751		FY '19
Total All Phases	$1,396,343	$1,396,343	$1,248,960	$1,248,960	$1,248,960		$1,278,406		
Trail CN Cost (Federal)									
Permits Required									
Rule 5	not issued	not issued	7/18	7/18	7/18		7/18		

LPA Comment: *Email sent to MPO.*

APC Comment: *What caused change in CN funding? Is additional funding all local funding?*

Quarterly Progress Review of Local Highway Projects - December 2019

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
River Road at CR 500N, Des #1401279									*Contract # R-37908*
Consulting Firm: VS Engineering, Inc.									
Project Schedule									
Stage 1 Design	---	---	---	---	---	---	---	---	
Stage 2 Design	---	---	---	---	---	---	---	---	
Environ. Report Complete	3/17	3/17	3/17	3/17	3/17	*100%*	3/17	*100%*	
R/W Clear	6/19	10/19	10/19	10/19	10/19	*90%*	4/20	*93%*	
Stage 3 Design	8/19	8/20	6/20	6/20	6/20	*45%*	6/20	*50%*	
Ready for Contract	11/19	11/20	9/20	9/20	9/20	*0%*	9/20	*0%*	
Letting	1/20	1/20	11/20	11/20	11/20	*0%*	11/20	*0%*	
Project Funding									
PE Updated Estimate	$200,000	$200,000	$200,000	$200,000	$200,000		$200,000		
Awarded Federal Funds PE	$0	$0	$0	$0	$0		$0		
TIP PE Amount (Fed $)	$0	$0	$0	$0	$0		$0		---
RW Updated Estimate	$396,180	$396,180	$396,180	$396,180	$396,180		$396,180		
Awarded Federal Funds RW	$382,201	$356,562	$382,201	$382,201	$382,201		$382,201		
TIP RW Amount (Fed $)	$61,819	$61,819	$382,201	$382,201	$382,201		$382,201		FY '17/'18
CN Updated Estimate (w/ CE)	$2,830,000	$2,575,000	$2,575,000	$2,875,000	$2,875,000		$2,875,000		
Awarded Federal Funds CN	$1,839,470	$1,839,470	$1,839,470	$2,311,767	$2,311,767		$2,311,767		
TIP CN Amount (Fed $)	$1,839,470	$1,839,470	$2,311,767	$2,311,767	$2,311,767		$2,311,767		FY '21
Total All Phases	$3,426,180	$3,171,180	$3,171,180	$3,471,180	$3,471,180		$3,471,180		
Permits Required									
404	not issued	not issued	not issued	no information	no information		no information		
Rule 5	not issued	not issued	not issued	no information	no information		no information		

LPA Comment: *Email sent to MPO.*

APC Comment: *Is 6/20 an accurate estimate for completing stage 3?*

Morehouse Road Reconstruction, Des #1401280									*Contract # R-37909*
Consulting Firm: DLZ Indiana, LLC									
Project Schedule									
Stage 1 Design		6/18	6/18	6/18	6/18	*100%*	6/18	*100%*	
Stage 2 Design		---	---	---	---	---	---	---	
Environ. Report Complete			12/19	12/19	12/19	*80%*	5/20	*80%*	
R/W Clear		8/23	8/21	8/21	6/23	*0%*	6/23	*0%*	
Stage 3 Design		6/23	8/21	8/21	6/23	*0%*	6/23	*0%*	
Ready for Contract		8/23	11/21	11/21	9/23	*0%*	9/23	*0%*	
Letting		1/22	1/22	1/22	1/22	*0%*	11/23	*0%*	
Project Funding									
PE Updated Estimate		$898,920	$898,920	$898,920	$914,690		$914,690		
Awarded Federal Funds PE		$576,983	$576,983	$576,983	$576,983		$576,983		
TIP PE Amount (Fed $)			$576,983	$576,983	$576,983		$576,983		FY '17-'19
RW Updated Estimate		$906,000	$906,000	$906,000	$906,000		$1,181,420		
Awarded Federal Funds RW		$321,603	$321,603	$679,347	$679,347		$679,347		
TIP RW Amount (Fed $)			$679,347	$679,347	$679,347		$679,347		FY '22 & '23
CN Updated Estimate (w/ CE)		$7,387,500	$7,387,500	$7,387,500	$7,387,500		$8,127,974		
Awarded Federal Funds CN		$3,200,000	$0	$4,159,304	$4,159,304		$4,159,304		
TIP CN Amount (Fed $)			$4,159,304	$4,159,304	$4,159,304		$4,159,304		FY '24
Total All Phases			$9,192,420	$9,192,420	$9,192,420		$10,224,084		
Permits Required									
401		no information	no information	no information	no information		no information		
404		no information	no information	no information	no information		no information		
Rule 5		no information	no information	no information	no information		no information		
DNR		no information	no information	no information	no information		no information		

LPA Comment: *Email sent to MPO.*

APC Comment: *More parcels need to be purchased, increasing ROW cost. Consultant updated construction costs. These updated costs were discussed in an e-mail with County Highway Department.*

Quarterly Progress Review of Local Highway Projects - December 2019

Yeager Road Reconstruction, Des #1401281

Contract # R-37907

Consulting Firm: CrossRoads Engineers, PC

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design		4/17	4/17	4/17	4/17	***100%***	4/17	***100%***	
Stage 2 Design		---	---	---	---	***---***	---	***---***	
Environ. Report Complete			12/19	12/19	12/19	***85%***	2/20	***85%***	
R/W Clear		5/20	5/21	6/21	6/21	***0%***	6/21	***0%***	
Stage 3 Design		5/20	6/21	6/21	6/21	***15%***	6/21	***100%***	
Ready for Contract		8/22	9/21	9/21	9/21	***0%***	9/21	***0%***	
Letting		11/21	11/21	11/21	10/22	***0%***	10/22	***0%***	
Project Funding									
PE Updated Estimate		$433,160	$433,160	$487,860	$487,860		$487,860		
Awarded Federal Funds PE		$346,528	$346,528	$390,288	$390,288		$390,288		
TIP PE Amount (Fed $)		$0	$346,528	$390,288	$390,288		$390,288		FY '17
RW Updated Estimate		$500,000	$500,000	$500,000	$500,000		$500,000		
Awarded Federal Funds RW		$400,000	$169,524	$659,118	$659,118		$644,051		
TIP RW Amount (Fed $)		$400,000	$335,587	$659,118	$659,118		$644,051		FY '20
CN Updated Estimate (w/ CE)		$4,700,000	$4,700,000	$5,250,000	$5,250,000		$5,250,000		
Awarded Federal Funds CN		$3,573,668	$0	$3,573,668	$3,573,668		$3,573,668		
TIP CN Amount (Fed $)		$0	$3,573,668	$3,573,668	$3,573,668		$3,573,668		FY '23
Total All Phases			$5,633,160	$6,237,860	$6,237,860		$6,237,860		
Permits Required									
401			no information	no information	no information		no information		
404			no information	no information	no information		no information		
DNR			no information	no information	no information		no information		
Rule 5			no information	no information	no information		no information		

LPA Comment: *Email sent to MPO.*

APC Comment: *Is environmental report complete, or still at 85% complete? Is stage 3 design complete?*

McCutcheon Pedestrian Safety, Des #1601028

Contract # R-39582

Consulting Firm: Butler, Fairman and Seufert. Inc.

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design			---	---	---	***---***	---	***---***	
Stage 2 Design			---	---	---	***---***	---	***---***	
Environ. Report Complete	12/18	6/21	6/20	6/20	6/20	***95%***	11/19	***100%***	
R/W Clear	6/21	9/22	6/21	6/21	6/21	***0%***	6/21	***0%***	
Stage 3 Design	6/21	6/22	6/21	6/21	6/21	***15%***	6/21	***15%***	
Ready for Contract	9/21	9/22	9/21	9/21	9/21	***0%***	9/21	***0%***	
Letting	11/21		11/21	11/21	11/21	***0%***	11/21	***0%***	
Project Funding									
PE Updated Estimate	$205,100	$205,100	$205,100	$316,870	$316,870		$316,870		
Awarded Federal Funds PE	$184,590	$184,590	$285,183	$285,183	$285,183		$285,183		
TIP PE Amount (Fed $)	$184,590	$184,590	$295,183	$295,183	$295,183		$295,183		FY '18 & '19
RW Updated Estimate	$500,000	$500,000	$500,000	$500,000	$500,000		$500,000		
Awarded Federal Funds RW	$450,000	$450,000	$450,000	$450,000	$450,000		$450,000		
TIP RW Amount (Fed $)	$450,000	$450,000	$450,000	$450,000	$450,000		$450,000		FY '20
CN Updated Estimate (w/ CE)	$990,500	$990,500	$990,500	$990,500	$990,500		$990,500		
Awarded Federal Funds CN	$769,750	$769,750	$769,750	$769,750	$769,750		$874,291		
TIP CN Amount (Fed $)	$0	$0	$874,291	$874,291	$874,291		$874,291		FY '23
Total All Phases	$1,695,600		$1,695,600	$1,807,370	$1,807,370		$1,807,370		
Permits Required									
None Required	---	---	---	---	---		---		

LPA Comment: *Email sent to MPO.*

APC Comment: *Environmental Report finished, project appears to be on schedule.*

Quarterly Progress Review of Local Highway Projects - December 2019

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Bridge # 64, Des # 1802907									*Contract # B-41940*
Consulting Firm: Butler, Fairman and Seufert. Inc.									
Project Schedule									
Stage 1 Design			---	---	---	---	---	---	
Stage 2 Design			---	---	---	---	---	---	
Environ. Report Complete			---	---	---	---	---	---	
R/W Clear			---	---	---	---	---	---	
Stage 3 Design			---	---	---	---	---	---	
Ready for Contract			---	---	---	---	---	---	
Letting			7/23	7/23	7/23	*0%*	7/23	*0%*	
Project Funding									
PE Updated Estimate			$0	$0	$59,200		$59,200		
Awarded Federal Funds PE			$0	$0	$47,360		$47,360		
TIP PE Amount (Fed $)			---	---	---		---		
RW Updated Estimate			$0	$0	$0		$0		
Awarded Federal Funds RW			$0	$0	$0		$0		
TIP RW Amount (Fed $)			---	---	---		---		
CN Updated Estimate (w/ CE)			$1,676,674	$1,525,174	$1,525,174		$1,677,674		
Awarded Federal Funds CN			$1,342,139	$1,342,139	$1,342,139		$1,342,139		
TIP CN Amount (Fed $)			---	$1,342,139	$1,342,139		$1,342,139		FY '24
Total All Phases			$1,677,674	$1,677,674	$1,677,674		$1,736,874		
Permits Required									
401				no information	no information		no information		
404				no information	no information		no information		
DNR				no information	no information		no information		
Rule 5				no information	no information		no information		

LPA Comment: *Email sent to MPO.*

APC Comment: *No comment.*

Bridge # 65, Des # 1802905									*Contract # B-41940*
Consulting Firm: Butler, Fairman and Seufert. Inc.									
Project Schedule									
Stage 1 Design			---	---	---	---	---	---	
Stage 2 Design			---	---	---	---	---	---	
Environ. Report Complete			---	---	---	---	---	---	
R/W Clear			---	---	---	---	---	---	
Stage 3 Design			---	---	---	---	---	---	
Ready for Contract			---	---	---	---	---	---	
Letting			7/23	7/23	7/23	*0%*	7/23	*0%*	
Project Funding									
PE Updated Estimate			$0	$0	$155,640		$149,640		
Awarded Federal Funds PE			$0	$0	$124,512		$119,712		
TIP PE Amount (Fed $)			---	---	---		---		
RW Updated Estimate			$0	$0	$0		$0		
Awarded Federal Funds RW			$0	$0	$0		$0		
TIP RW Amount (Fed $)			---	---	---		---		
CN Updated Estimate (w/ CE)			$1,889,386	$1,889,386	$1,889,386		$1,889,386		
Awarded Federal Funds CN			$1,511,509	$1,511,509	$1,511,509		$1,511,509		
TIP CN Amount (Fed $)			---	$1,511,509	$1,511,509		$1,511,509		FY '24
Total All Phases			$1,889,386	$1,889,386	$1,889,386		$1,889,386		
Permits Required									
401			no information	no information	no information		no information		
404			no information	no information	no information		no information		
DNR			no information	no information	no information		no information		
Rule 5			no information	no information	no information		no information		

LPA Comment: *Email sent to MPO.*

APC Comment: *PE estimates were changed to match FMIS request.*

Quarterly Progress Review of Local Highway Projects - December 2019

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
County Bridge Inspections, Des # 1500252									*Contract # PLC-38268*
Consulting Firm: VS Engineering, Inc.									
Project Schedule									
Start Plan Development		8/18	8/18	8/18	8/18	***100%***	8/18	***100%***	
State/LPA Contract		8/18	8/18	8/18	8/18	***100%***	8/18	***100%***	
Notice to Proceed		9/18	9/18	9/18	9/18	***100%***	9/18	***100%***	
Inspection Report Ph. 1		12/18	12/18	12/18	12/18	***100%***	12/18	***100%***	
Inspection Report Ph. 1A		12/19	12/19	12/19	12/19	***0%***	12/19	***0%***	
Inspection Report Ph. 2		12/20	12/20	12/20	12/20	***0%***	12/20	***0%***	
Inspection Report Ph. 2A		12/21	12/21	12/21	12/21	***0%***	12/21	***0%***	
Project Funding									
Inspection Report Ph. 1 (Total Cost)		$548,727	$548,727	$548,727	$548,727		$548,727		
Awarded Federal Funds PE		$438,982	$438,982	$438,982	$438,982		$438,982		
TIP PE Amount (Fed $)		$438,981	$438,981	$438,981	$438,981		$438,981		
Inspection Report Ph. 1A		$57,969	$57,969	$57,969	$57,969		$57,969		
Awarded Federal Funds		$46,375	$46,375	$46,375	$46,375		$46,375		
TIP PE Amount (Fed $)		$46,376	$46,376	$46,376	$46,376		$46,376		FY '20
Inspection Report Ph. 2		$338,476	$338,476	$338,476	$338,476		$338,476		
Awarded Federal Funds		$270,781	$270,781	$270,781	$270,781		$270,781		
TIP PE Amount (Fed $)		$0	$0	$270,781	$270,781		$270,781		FY '21
Inspection Report Ph. 2A		$23,960	$23,960	$23,960	$23,960		$23,960		
Awarded Federal Funds		$19,168	$19,168	$19,168	$19,168		$19,168		
TIP PE Amount (Fed $)		$0	$0	$19,168	$19,168		$19,168		FY '22

LPA Comment: *Email sent to MPO.*

APC Comment: *No comment.*

Lafayette

Twyckenham Boulevard Reconstruction, Des #1401285									*Contract # R-37906*
Consulting Firm: Butler, Fairman and Seufert. Inc.									
Project Schedule									
Stage 1 Design	---	---	---	---	---	***0%***	---	***0%***	
Stage 2 Design	---		---	---	---	***0%***	---	***0%***	
Environ. Report Complete	7/18	7/18	7/18	7/18	7/18	***100%***	7/18	***100%***	
R/W Clear	5/19	5/19	7/19	8/19	8/19	***100%***	8/19	***100%***	
Stage 3 Design	7/19	7/19	7/19	7/19	7/19	***100%***	7/19	***100%***	
Ready for Contract	7/19	7/19	7/19	10/19	10/19	***100%***	10/19	***100%***	
Letting	10/19	10/19	10/19	12/19	12/19	***25%***	12/19	***100%***	
Project Funding									
PE Updated Estimate	$522,920	$522,920	$522,920	$522,920	$522,920		$522,920		
Awarded Federal Funds PE	$418,336	$418,336	$418,336	$418,336	$418,336		$418,336		
TIP PE Amount (Fed $)	$0	$0	$418,336	$418,336	$418,336		$418,336		FY '17
RW Updated Estimate	$250,000	$250,000	$250,000	$107,866	$156,866		$156,866		
Awarded Federal Funds RW	$200,000	$200,000	$200,000	$86,293	$125,493		$125,493		
TIP RW Amount (Fed $)	$200,000	$200,000	$151,000	$151,000	$151,000		$151,000		FY '19
CN Updated Estimate (w/ CE)	$3,674,664	$3,674,664	$3,674,664	$4,115,795	$4,147,713		$3,879,807		
Awarded Federal Funds CN	$2,939,731	$2,939,731	$2,939,731	$3,292,636	$2,779,726		$3,103,845		
TIP CN Amount (Fed $)	$2,939,731	$2,939,731	$3,323,555	$3,323,555	$3,323,555		$3,323,555		FY '20
Total All Phases	$4,447,584	$4,447,584	$4,447,564	$4,746,581	$4,827,499		$4,559,593		
Permits Required									
Rule 5	no info		no info	5/19	5/19		5/19		

LPA Comment: *Let for construction. Construction cost updated to reflect winning bid.*

APC Comment: *No comment.*

Quarterly Progress Review of Local Highway Projects - December 2019

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Twyckenham Trail, Des #1700401									*Contract # R-40122*
Consulting Firm: Butler, Fairman and Seufert. Inc.									
Project Schedule									
Stage 1 Design				---	---	***0%***	---	***0%***	
Stage 2 Design	NA	NA	NA	---	---	***0%***	---	***0%***	
Environ. Report Complete	10/17	10/17	10/17	10/17	10/17	***100%***	10/17	***100%***	
R/W Clear	11/17	11/17	11/17	11/17	11/17	***100%***	11/17	***100%***	
Stage 3 Design	11/17	11/17	11/17	11/17	11/17	***100%***	11/17	***100%***	
Ready for Contract	1/18	1/18	1/18	1/18	1/18	***100%***	1/18	***100%***	
Letting	2/18	2/18	2/18	2/18	2/18	***100%***	2/18	***100%***	
Project Funding									
PE Updated Estimate	$56,340	$56,340	$56,340	$56,340	$56,340		$56,340		
Awarded Federal Funds PE	$50,384	$50,384	$50,384	$50,384	$50,384		$50,384		
TIP PE Amount (Fed $)	$50,384	$50,384	$50,384	$50,384	$50,384		$50,384		FY '18
RW Updated Estimate	$0	$0	$0	$0	$0		$0		
Awarded Federal Funds RW	$0	$0	$0	$0	$0		$0		
TIP RW Amount (Fed $)	$0	$0	$0	$0	$0		$0		
CN Updated Estimate (w/ CE)	$275,000	$275,000	$275,000	$275,000	$275,000		$275,000		
Awarded Federal Funds CN	$220,000	$220,000	$220,000	$220,000	$220,000		$220,000		
TIP CN Amount (Fed $)	$210,409	$210,409	$210,409	$220,000	$220,000		$220,000		FY '18
Total All Phases	$331,340	$331,340	$331,340	$331,340	$331,340		$331,340		
Permits Required									
Rule 5				no information	no information		no information		

LPA Comment: *Project complete. CN PO closed out. CE and PE PO's remain open pending final invoices and/or closeout.*

APC Comment: *No comment.*

Park East Blvd. Extension, Des. # 1700405									*Contract # R-40125*
Consulting Firm: American Structurepoint Inc.									
Project Schedule									
Stage 1 Design			6/19	6/19	6/19	***100%***	6/19	***100%***	
Stage 2 Design			---	---	---	***0%***	---	***0%***	
Environ. Report Complete			11/19	11/19	11/19	***60%***	6/20	***60%***	
R/W Clear	8/20	8/20	11/20	11/20	11/20	***0%***	11/20	***10%***	
Stage 3 Design	8/20	8/20	3/20	3/20	3/20	***0%***	3/20	***20%***	
Ready for Contract	1/21	1/21	11/20	11/20	1/21	***0%***	1/21	***0%***	
Letting	1/21	1/21	1/21	1/21	1/21	***0%***	1/21	***0%***	
Project Funding									
PE Updated Estimate	$253,125	$253,125	$253,125	$253,125	$253,125		$253,125		
Awarded Federal Funds PE	$202,500	$202,500	$202,500	$202,500	$202,500		$202,500		
TIP PE Amount (Fed $)	$202,500	$202,500	$336,886	$336,886	$336,886		$336,886		FY '19
RW Updated Estimate	$135,000	$135,000	$135,000	$135,000	$135,000		$135,000		
Awarded Federal Funds RW	$108,000	$108,000	$108,000	$108,000	$108,000		$108,000		
TIP RW Amount (Fed $)	$108,000	$108,000	$108,000	$108,000	$108,000		$108,000		FY '20
CN Updated Estimate (w/ CE)	$1,944,000	$1,944,000	$1,944,000	$1,944,000	$1,944,000		$1,944,000		
Awarded Federal Funds CN	$1,555,200	$1,555,200	$1,555,200	$1,555,200	$1,555,200		$1,555,200		
TIP CN Amount (Fed $)	$1,555,200	$1,555,200	$1,725,755	$1,725,755	$1,725,755		$1,725,755		FY '21
Total All Phases	$2,332,125	$2,332,125	$2,332,125	$2,332,125	$2,332,125		$2,332,125		
Permits Required									
Rule 5	not issued	not issued	not issued	not issued	not issued		not issued		

LPA Comment: *Survey complete. Environmental document commenced. Traffic analysis reviewed and approved by INDOT. PFC scheduled for 2/11/2020. R/W appraisals underway.*

APC Comment: *How is the environmental report delay going to impact the stage 3 design target date?*

Quarterly Progress Review of Local Highway Projects - December 2019

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Concord Road Trail Lighting, Des. # 1900477									*Contract #*
Consulting Firm: Butler, Fairman and Seufert, Inc.									
Project Schedule									
Stage 1 Design			NA	NA	NA	***0%***	NA	***0%***	
Stage 2 Design			NA	NA	NA	***0%***	NA	***0%***	
Environ. Report Complete			10/19	9/19	9/19	***100%***	9/19	***100%***	
R/W Clear			9/19	NA	NA	***100%***	NA	***100%***	
Stage 3 Design			9/19	9/19	10/19	***100%***	10/19	***100%***	
Ready for Contract			1/20	2/20	12/19	***0%***	12/19	***100%***	
Letting			2/20	5/20	3/20	***0%***	3/20	***50%***	
Project Funding									
PE Updated Estimate			$115,000	$115,000	$115,000		$115,500		
Awarded Federal Funds PE			$55,000	$55,000	$92,400		$92,400		
TIP PE Amount (Fed $)			$92,400	$92,400	$92,400		$92,400		FY '19
RW Updated Estimate			$0	$0	$0		$0		
Awarded Federal Funds RW			$0	$0	$0		$0		
TIP RW Amount (Fed $)			$0	$0	$0		$0		
CN Updated Estimate (w/ CE)			$267,500	$267,500	$525,000		$575,750		
Awarded Federal Funds CN			$214,000	$214,000	$214,000		$460,600		
TIP CN Amount (Fed $)			$214,000	$214,000	$214,000		$575,750		FY '20
Total All Phases			$383,000	$383,000	$640,500		$691,250		
Permits Required									
				None	None		None		

LPA Comment: *Schedule accelerated. Now on 3/2020 letting.*

APC Comment: *Project updated in recent TIP administrative modification.*

South 9th Street, Des # 1900482									*Contract #*
Consulting Firm:									
Project Schedule									
Stage 1 Design				---	---	***0%***	---	***0%***	
Stage 2 Design				---	---	***0%***	---	***0%***	
Environ. Report Complete				---	---	***0%***	---	***0%***	
R/W Clear				---	---	***0%***	---	***0%***	
Stage 3 Design				---	---	***0%***	---	***0%***	
Ready for Contract				---	---	***0%***	---	***0%***	
Letting				---	---	***0%***	---	***0%***	
Project Funding									
PE Updated Estimate							$600,000		
Awarded Federal Funds PE							$0		
TIP PE Amount (Fed $)				$480,000	$480,000		$480,000		FY '20
RW Updated Estimate							$300,000		
Awarded Federal Funds RW							$0		
TIP RW Amount (Fed $)				$240,000	$240,000		$240,000		FY '23
CN Updated Estimate (w/ CE)							$5,936,000		
Awarded Federal Funds CN							$0		
TIP CN Amount (Fed $)									
Total All Phases							$5,936,000		
Permits Required									
Rule 5				No Information	No Information		No Information		

LPA Comment: *No comment.*

APC Comment: *Will continue to track cost estimates. Are you in consultant selection process for PE? Will this be ready by early April?*

Quarterly Progress Review of Local Highway Projects - December 2019

West Lafayette

Happy Hollow Neighborhood Trail, Des #1401288

Contract # R-37916

Consulting Firm: WSP

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design	1/18	1/18	1/18	1/18	1/18	***100%***	1/18	***100%***	
Stage 2 Design	---	---	---	---	---	***---***	---	***---***	
Environ. Report Complete	10/18	10/18	10/18	10/18	10/18	***100%***	10/18	***100%***	
R/W Clear	10/18	10/18	10/18	10/18	10/18	***100%***	10/18	***100%***	
Stage 3 Design	8/18	8/18	8/18	8/18	8/18	***100%***	8/18	***100%***	
Ready for Contract	11/18	11/18	11/18	11/18	11/18	***100%***	11/18	***100%***	
Letting	2/19	2/19	2/19	2/19	2/19	***100%***	2/19	***100%***	
Project Funding									
PE Updated Estimate	$150,000	$150,000	$150,000	$150,000	$150,000		$150,000		
Awarded Federal Funds PE	$0	$0	$0	$0	$0		$0		
TIP PE Amount (Fed $)	$0	$0	$0	$0	$0		$0		
RW Updated Estimate	$0	$0	$0	$0	$0		$0		
Awarded Federal Funds RW	$0	$0	$0	$0	$0		$0		
TIP RW Amount (Fed $)	$0	$0	$0	$0	$0		$0		
CN Updated Estimate (w/ CE)	$868,000	$910,125	$689,000	$689,000	$689,000		$689,000		
Awarded Federal Funds CN	$1,064,000	$728,100	$551,200	$551,200	$551,200		$551,200		
TIP CN Amount (Fed $)	$1,064,000	$1,064,000	$657,305	$657,305	$657,305		$657,305		FY '19
Total All Phases	$1,018,000	$1,060,125	$689,000	$689,000	$689,000		$689,000		
Permits Required									
Rule 5	pending		11/18	11/18	11/18		11/18		

LPA Comment: *Only minor punchlist items to complete at this time. This project is planned to be closed out before the end of the 1st quarter of 2020.*

APC Comment: *No comment.*

Cherry Lane Extension (Road) , Des #1401290

Contract # R-37913

Consulting Firm: John Bowen - WSP

Project Schedule									
Stage 1 Design	7/17	7/17	7/17	7/17	7/17	***100%***	7/17	***100%***	
Stage 2 Design	n/a	n/a	---	---	---	***---***	---	***---***	
Environ. Report Complete	11/18	11/18	11/18	11/18	11/18	***100%***	11/18	***100%***	
R/W Clear	10/18	10/18	10/18	10/18	10/18	***100%***	10/18	***100%***	
Stage 3 Design	8/18	8/18	8/18	8/18	8/18	***100%***	8/18	***100%***	
Ready for Contract	11/18	11/18	11/18	11/18	11/18	***100%***	11/18	***100%***	
Letting	2/19	2/19	2/19	2/19	2/19	***100%***	2/19	***100%***	
Project Funding									
PE Updated Estimate	$423,930	$423,930	$423,930	$423,930	$423,930		$423,930		
Awarded Federal Funds PE	$339,144	$339,144	$339,144	$339,144	$339,144		$339,144		
TIP PE Amount (Fed $)	$0	$0	$339,144	$339,144	$339,144		$339,144		FY '17 & '19
RW Updated Estimate	$0	$0	$0	$0	$0		$0		
Awarded Federal Funds RW	$0	$0	$0	$0	$0		$0		
TIP RW Amount (Fed $)	$0	$0	$0	$0	$0		$0		
CN Updated Estimate (w/ CE)	$3,553,951	$2,777,895	$2,146,602	$2,146,602	$2,146,602		$2,146,602		
Awarded Federal Funds CN	$2,827,161	$2,222,316	$2,155,087	$2,155,087	$2,155,087		$2,155,087		
TIP CN Amount (Fed $)	$2,827,161	$2,574,879	$2,329,697	$2,329,697	$2,329,697		$2,329,697		FY '19
Trail Construction	$214,476								
Total All Phases									
Permits Required									
Rule 5	Pending		12/18	12/18	12/18		12/18		

LPA Comment: *Project is nearly complete. It is expected that this project will be closed out before the end of the 1st quarter of 2020.*

APC Comment: *No comment.*

Quarterly Progress Review of Local Highway Projects - December 2019

Soldiers Home Road Phase 1, Des #1401291

Contract # R-37911

Consulting Firm: ---

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*	
Project Schedule									
Stage 1 Design	1/20	1/20	1/22	1/22	1/22	***0%***	1/22	***0%***	
Stage 2 Design	5/20	5/20	5/22	5/22	5/22	***0%***	5/22	***0%***	
Environ. Report Complete	6/20	6/20	6/22	6/22	6/22	***0%***	6/22	***0%***	
R/W Clear	6/20	6/20	6/20	6/20	6/20	***0%***	6/20	***0%***	
Stage 3 Design	9/20	9/20	9/20	9/20	9/20	***0%***	9/20	***0%***	
Ready for Contract	4/21	4/21	4/21	4/21	4/21	***0%***	4/21	***0%***	
Letting	7/21	7/21	7/21	7/21	7/21	***0%***	7/21	***0%***	
Project Funding									
PE Updated Estimate	$0	$0			$0		$0		
Awarded Federal Funds PE	$0	$0	$846,200	$846,200	$846,200		$846,200		
TIP PE Amount (Fed $)	$70,778	$70,778	$846,200	$846,200	$846,200		$846,200		FY '22
RW Updated Estimate	$500,000	$500,000	$500,000	$500,000	$500,000		$500,000		
Awarded Federal Funds RW	$70,778	$70,778	---	---	---		$0		
TIP RW Amount (Fed $)	$0	$0	---	---	---		$0		
CN Updated Estimate (w/ CE)	TBD	TBD	TBD	TBD	TBD		TBD		
Awarded Federal Funds CN	TBD	TBD	TBD	TBD	TBD		TBD		
TIP CN Amount (Fed $)			---	---	---		---		
Total All Phases	TBD		TBD	TBD	TBD		TBD		
Permits Required									
Not Yet Determined				---	---		---		

LPA Comment *Federal funding for PE on this project has been moved for FY 2022.*

APC Comment: *When will a PE cost estimate be available? We requested this estimate 6 months ago, and the report still shows no estimate.*

Sagamore Parkway Trail, Des # 1401287

Contract # R-37915

Consulting Firm: VS Engineering Inc.

Project Schedule									
Stage 1 Design	5/19	5/19	2/20	2/20	2/20	***60%***	9/20	***60%***	
Stage 2 Design	---	---	---	---	---	***0%***	---	***0%***	
Environ. Report Complete	4/19	4/19	6/20	6/20	6/20	***20%***	9/20	***20%***	
R/W Clear	---	---	---	---	---	***0%***	---	***0%***	
Stage 3 Design	8/19	8/19	6/21	6/21	6/21	***0%***	6/21	***0%***	
Ready for Contract	11/19	11/19	9/21	9/21	9/21	***0%***	9/21	***0%***	
Letting	1/20	1/20	11/21	11/21	11/21	***0%***	11/21	***0%***	
Project Funding									
PE Updated Estimate	$287,320	$287,320	$287,320	$287,320	$287,320		$287,320		
Awarded Federal Funds PE	$229,856	$229,856	$229,856	$229,856	$229,856		$229,856		
TIP PE Amount (Fed $)	$0	$0	$0	$229,856	$229,856		$229,856		FY '17
RW Updated Estimate	$0	$0	$0	$0	$0		$0		
Awarded Federal Funds RW	$0	$0	$0	$0	$0		$0		
TIP RW Amount (Fed $)	$0	$0	$0	$0	$0		$0		
CN Updated Estimate (w/ CE)	$3,475,000	$3,475,000	$3,475,000	$3,754,000	$3,754,000		$3,754,000		
Awarded Federal Funds CN	$1,295,963	$1,155,963	$1,155,963	$3,003,200	$3,003,200		$3,003,200		
TIP CN Amount (Fed $)	$1,155,963	$1,155,963	$1,155,963	$3,003,200	$3,003,200		$3,003,200		FY '22
Total All Phases	$3,762,320	$3,762,320	$3,762,320		$4,041,320		$4,041,320		
Permits Required									
401				no information	no information		no information		
404				no information	no information		no information		
Rule 5				no information	no information		no information		

LPA Comment: *No comment.*

APC Comment: *Project appears to be in danger of losing federal funding. We would like an explanation on how target dates will be met, given an apparent lack of progress for several quarters.*

Quarterly Progress Review of Local Highway Projects - December 2019

Project	July 2018	October 2018	January 2019	April 2019	September 2019	*Percent Complete*	December 2019	*Percent Complete*
Town of Dayton								
Yost Road, Des #1900483								*Contract # PLC-41917*
Consulting Firm: ---								
Project Schedule								
Stage 1 Design						*0%*	2/22	*0%*
Stage 2 Design (not req. by INDOT)						*0%*	3/23	*0%*
Environ. Report Complete						*0%*	7/22	*0%*
R/W Clear						*0%*	12/23	*0%*
Stage 3 Design						*0%*	1/24	*0%*
Ready for Contract						*0%*	11/24	*0%*
Letting					5/25	*0%*	5/25	*0%*
Project Funding								
PE Updated Estimate			$450,000	$450,000	$450,000		$439,000	
Awarded Federal Funds PE			$360,000	$360,000	$360,000		$360,000	
TIP PE Amount (Fed $)			$360,000	$360,000	$360,000		$360,000	FY '20
RW Updated Estimate			$100,000	$100,000	$100,000		$100,000	
Awarded Federal Funds RW			$80,000	$80,000	$80,000		$80,000	
TIP RW Amount (Fed $)			$80,000	$80,000	$80,000		$80,000	FY '24
CN Updated Estimate (w/ CE)			---	---	---		---	
Awarded Federal Funds CN			---	---	---		---	
TIP CN Amount (Fed $)			---	---	---		---	
Total All Phases			---	---	---		$539,000	
Permits Required								
401					unknown		unknown	
404					unknown		unknown	
Rule 5					unknown		unknown	

LPA Comment: *Email sent to MPO.*

APC Comment: *PE estimates were changed to match FMIS request.*

Notes:

- *"Ready for Contracts" date is 13 weeks before bids are opened.*
- *Information in this summary is from INDOT Quarterly Reports prepared by the city engineers, the County Highway Director consultants and FA3's.*
- *TBD = To Be Determined*
- *NI = No Information*
- *NOA = Notice of Authorization*
- *NTP = Notice to Proceed*
- *FMIS = Financial Management Information System*

Federal Funding Status Report: February 2020 — *Fiscal Year 2020*

Obligated Projects, INDOT's Monthly Report

Project	Des Number	Federal Obligation	Fund	Month	Phase
Yost Drive	1900483	171,150.00	STBG	November	PE
Yost Drive	1900483	180,050.00	STBG PYB	November	PE
Twyckenham Boulevard	1401285	315,200.00	STBG	January	CE
McCutcheon Ped Safety	1601028	36,900.00	HSIP PYB	January	RW

FY '20 TIP Funding Allocation

STBG Funding

		Annual Funds			PYB Funds		
Project	Des Number	Federal Funds Allocated in TIP	INDOT Report	Balance	Federal Funds Allocated in TIP	INDOT Report	Balance
Twyckenham Blvd, CN	1401285	2,967,357	2,886,248.00	81,109.00	-	0.00	0.00
Concord Road Trail Lighting, CN	1900477	138,600	40,600.00	98,000.00	322,000	0.00	322,000.00
Park East Boulevard, RW	1700405	-	0.00	0.00	-	0.00	0.00
Yeager Road, PE	1401281	15,067	15,067.00	0.00	-	0.00	0.00
Yeager Road, RW	1401281	150,996	0.00	150,996.00	169,524	0.00	169,524.00
Yost Drive, PE	1900483	179,950	171,150.00	8,800.00	180,050	180,050.00	0.00
South 9th Street, PE	1900482	480,000	0.00	480,000.00	-	0.00	0.00
Klondike Road, CN	1173626	100,000	0.00	100,000.00	-	0.00	0.00
US 231 Study	1901666	70,444	0.00	70,444.00	-	0.00	0.00
		4,102,414	3,113,065.00	989,349.00	671,574	180,050.00	491,524.00

HSIP Funding

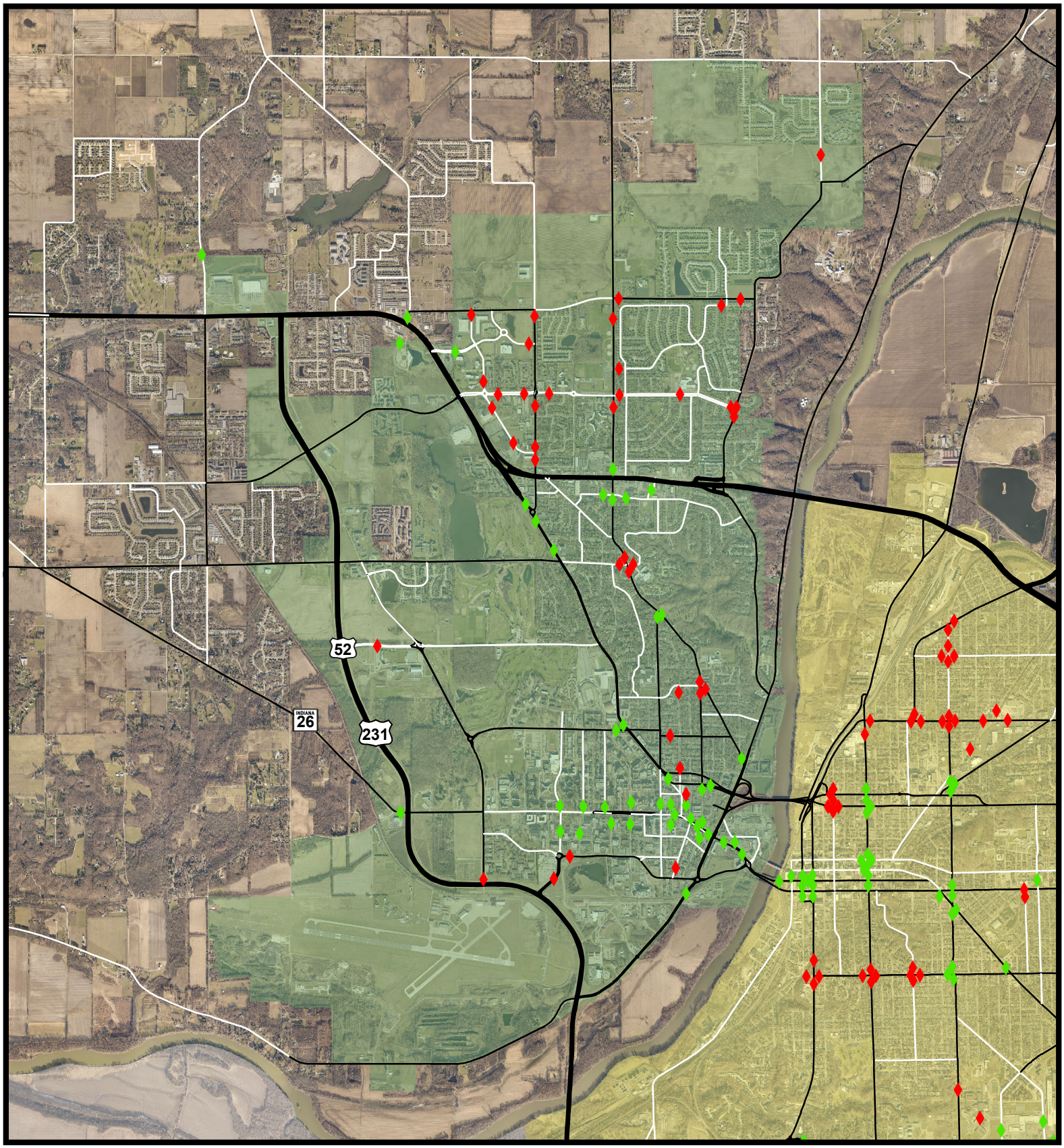
		Annual Funds			PYB Funds		
Project	Des Number	Federal Funds Allocated in TIP	INDOT Report	Balance	Federal Funds Allocated in TIP	INDOT Report	Balance
Yeager Road, RW	1401281	-	0.00	0.00	323,531	0.00	323,531.00
McCutcheon Ped Safety, RW	1601028	-	0.00	0.00	450,000	36,900.00	413,100.00
Trade to Another MPO	---	742,011	0.00	742,011.00	-	0.00	0.00
		742,011	0	742,011.00	773,531	36,900.00	736,631.00

TA Funding

		Annual Funds			PYB Funds		
Project	Des Number	Federal Funds Allocated in TIP	INDOT Report	Balance	Federal Funds Allocated in TIP	INDOT Report	Balance
Twyckenham Blvd, CN	1401285	217,598	217,598.00	0.00	-	0.00	0.00
		217,598	217,598	0.00	0	0	0.00

Not processed in January
Shown in INDOT's monthly report
Balance of federal funds

Draft West Lafayette 2020 & 2021 Traffic Count Stations



THE Area Plan Commission of TIPPECANOE COUNTY

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Proposed

- 2020 (81)
- 2021 (82)

February 10, 2020

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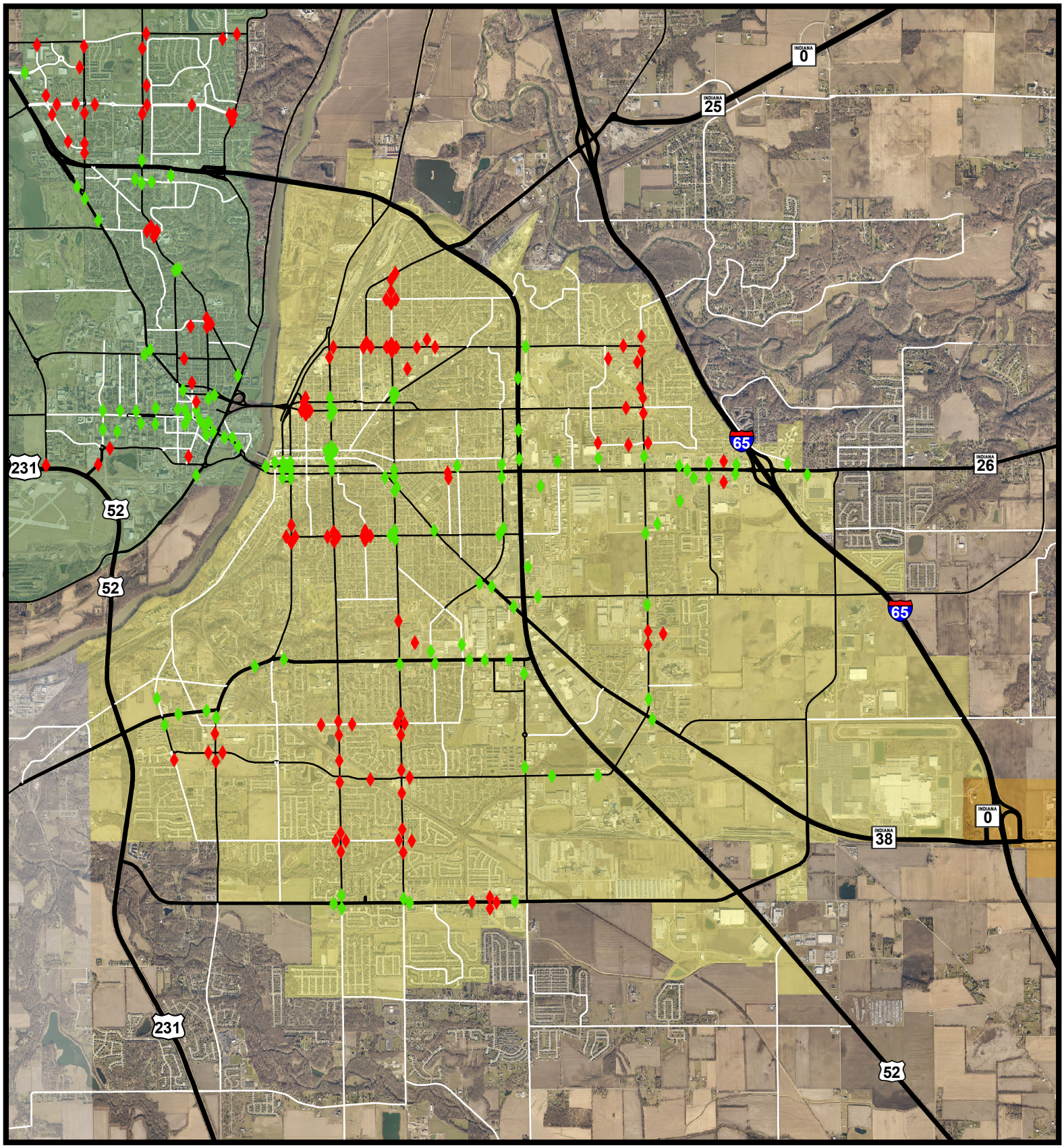
Draft Lafayette 2020 & 2021 Traffic Count Stations



THE Area Plan Commission of TIPPECANOE COUNTY

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Proposed

- 2020 (127)
- 2021 (128)

February 10, 2020

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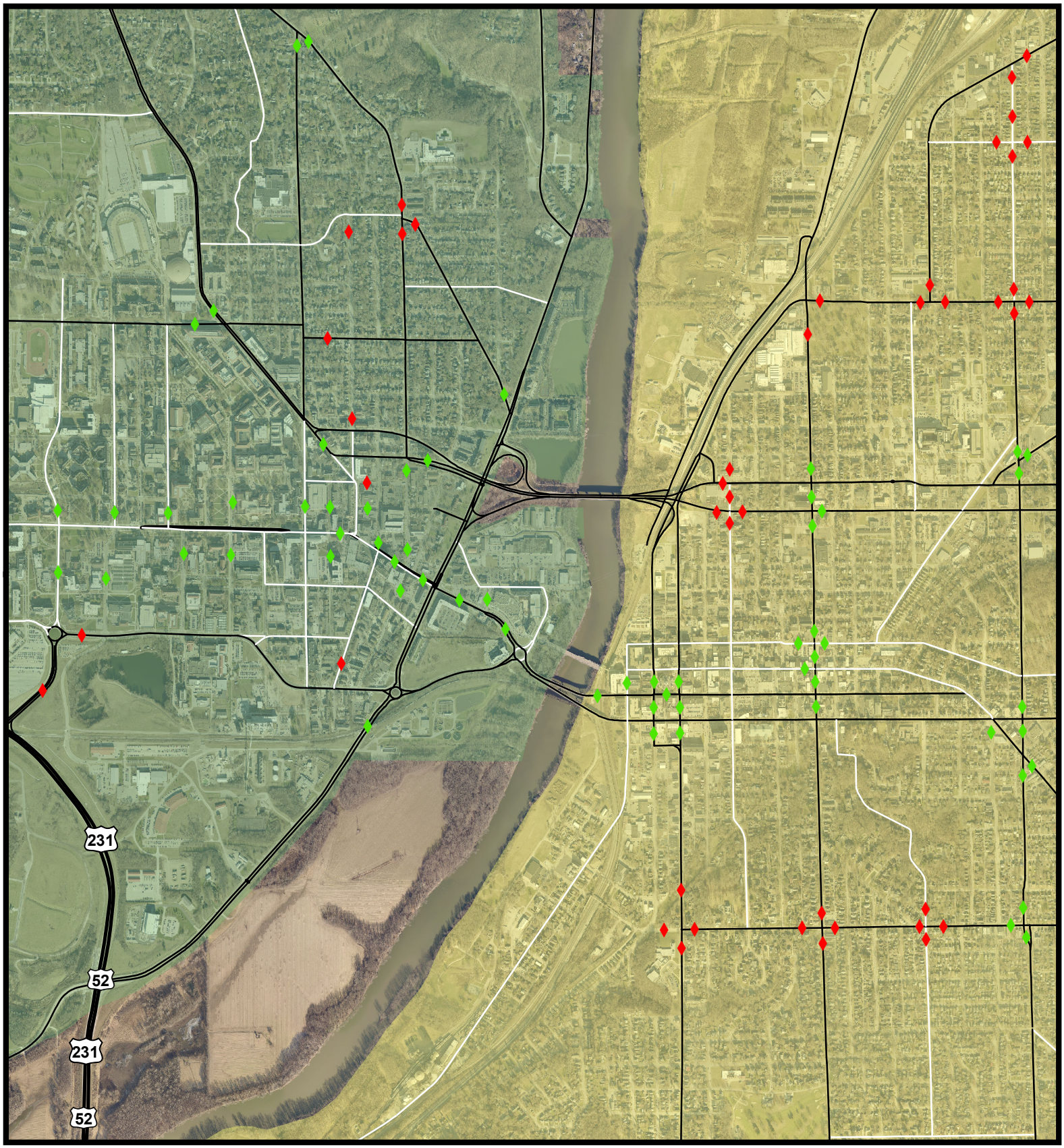
Draft Downtown 2020 & 2021 Traffic Count Stations



THE Area Plan Commission of TIPPECANOE COUNTY

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Proposed

- 2020 (43)
- 2021 (61)

February 10, 2020

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18 Month Letting List - February 3, 2020

(INDOT update: January 15, 2020)

		Letting Date	Road	Type of Work	Location	Des & Contract Number	Previous Letting Date
1	**S**	2/5/2020	US 231	New Signal Installation	at CR-800 S intersection; 2.95 mi N of SR-28	1802809 *41836*	
2	**S**	2/5/2020	US 231	New Signal Installation	US-231 at the SR-28 intersection	1802807 *41836*	
3	**S**	2/5/2020	SR 26	New Signal Installation	at CR-900 E intersection, 4.71 mi E of I-65	1802820 *41836*	
4	**S**	3/4/2020	SR 25	Small Structure Replacement	1.51 mi S of SR 28, W Jct, Over Wallace Ditch	1500120 *41880*	
5	**NL**	3/4/2020	SR 38	Debris Removal From Channel	over S Fork Wildcat Creek; 01.70 mi E of I-65	1801353 *41400*	
6	**S**	3/4/2020	Concord Road	Lighting	from Maple Point Drive Extension to Veterans Memorial	1900477 *41911*	
7	**C**	4/1/2020	I-65	ITS Traffic Management Systems	CCTV/DMS from 1.5 miles south of SR 47 to US 24/231 (Exit 201)	1800572 *41233*	3/4/2020
8	**S**	4/1/2020	SR 225	Bridge Deck Overlay	over Burnett Creek; 1.24mi S of SR 43	1702137 *40523*	
9	**S**	4/1/2020	SR 225	Bridge Deck Overlay	over Burnett Creek; 1.95 mi S of SR 43	1701548 *40523*	
10	**S**	4/1/2020	I-65	Bridge Maintenance And Repair	0.23 mi S of SR 43 (SB)	1901580 *42092*	
11	**S**	4/1/2020	I-65	Bridge Maintenance And Repair	0.23 mi S of SR 43 (NB)	1901578 *42092*	
12	**S**	4/1/2020	I-65	Bridge Deck Patching	0.58 mi S of SR 43	1901585 *42095*	
13	**S**	4/1/2020	I-65	Small Structure Pipe Lining	over Unnamed Ditch/Creek; 2.87 mi N of SR 43	1701549 *40527*	
14	**S**	7/8/2020	Lindberg Road	Road Reconstruction (3R/4R Standards)	Lindberg road from Klondike to McCormick	1173627 *35297*	
15	**S**	11/10/2020	N. River Road	Intersect. Improv. W/ Added Turn Lanes	CR 500 N approach in Tippecanoe County	1401279 37908	
16	**S**	1/13/2021	Park East Boulevard	New Road Construction	New Road between Haggerty Lane and SR 38	1700405 *40125*	

Same, **N**ew, **C**hange, **N**ot **L**isted, **R**elisted

Bid Letting Results

None to Report