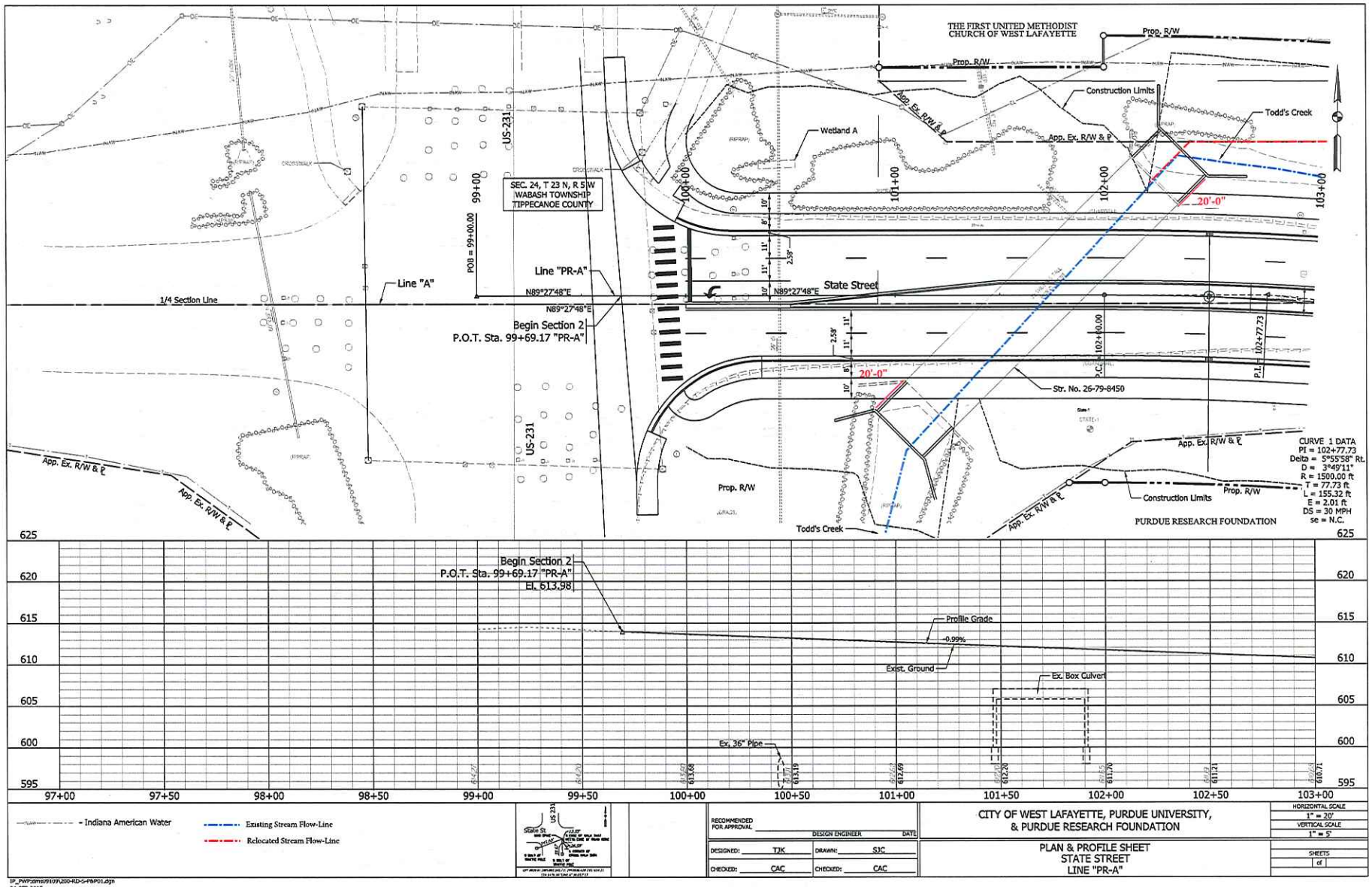
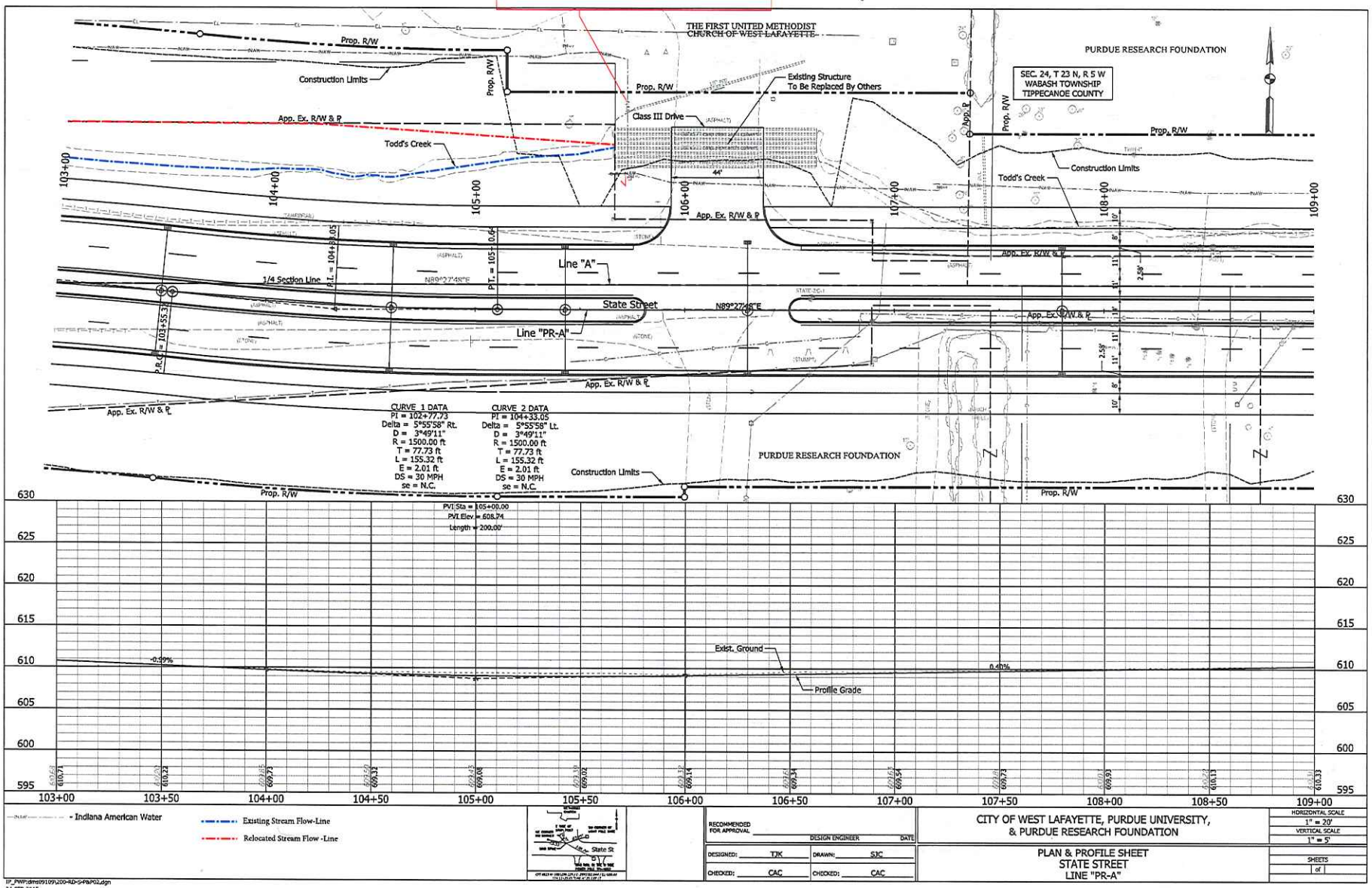
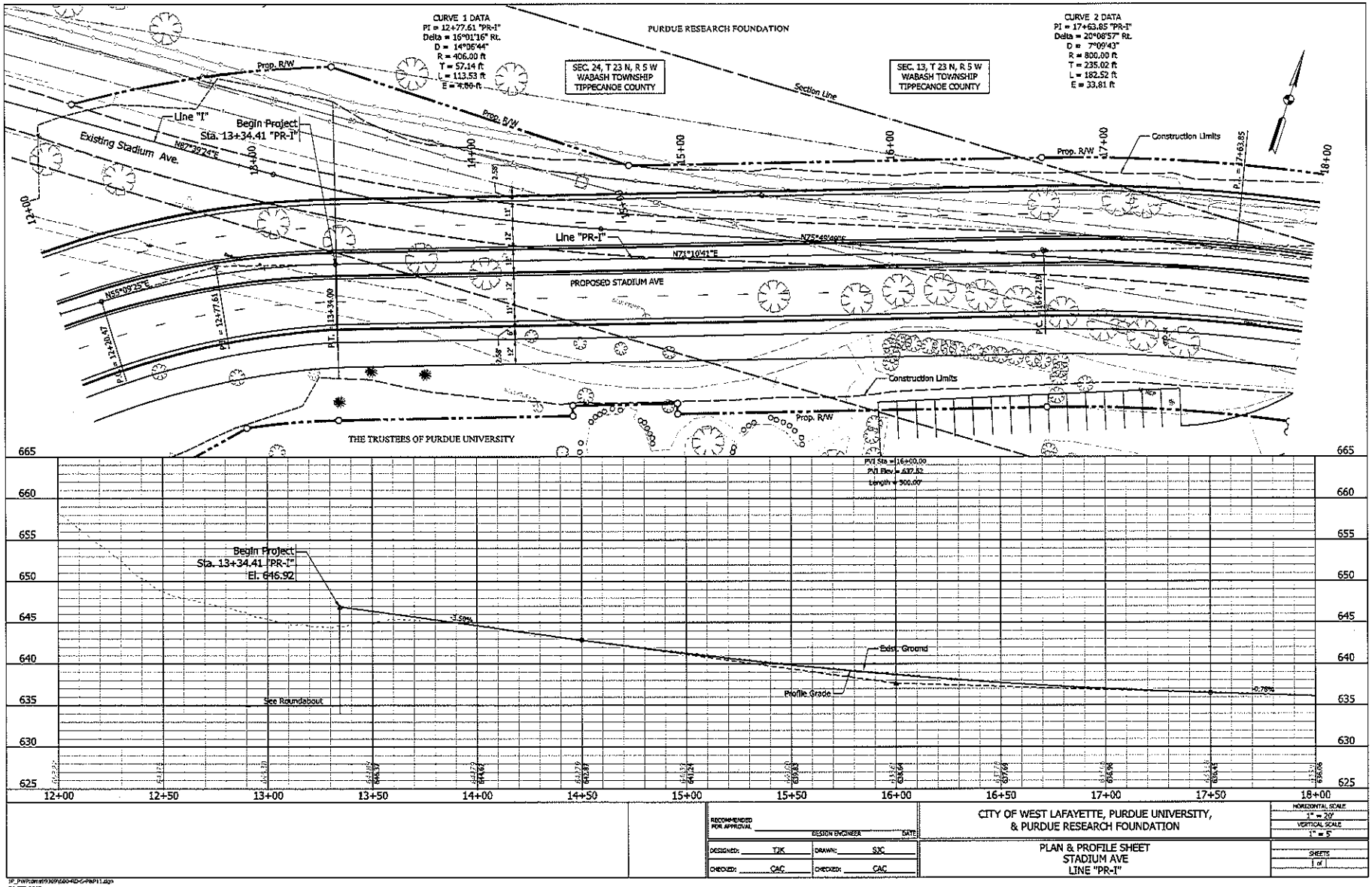
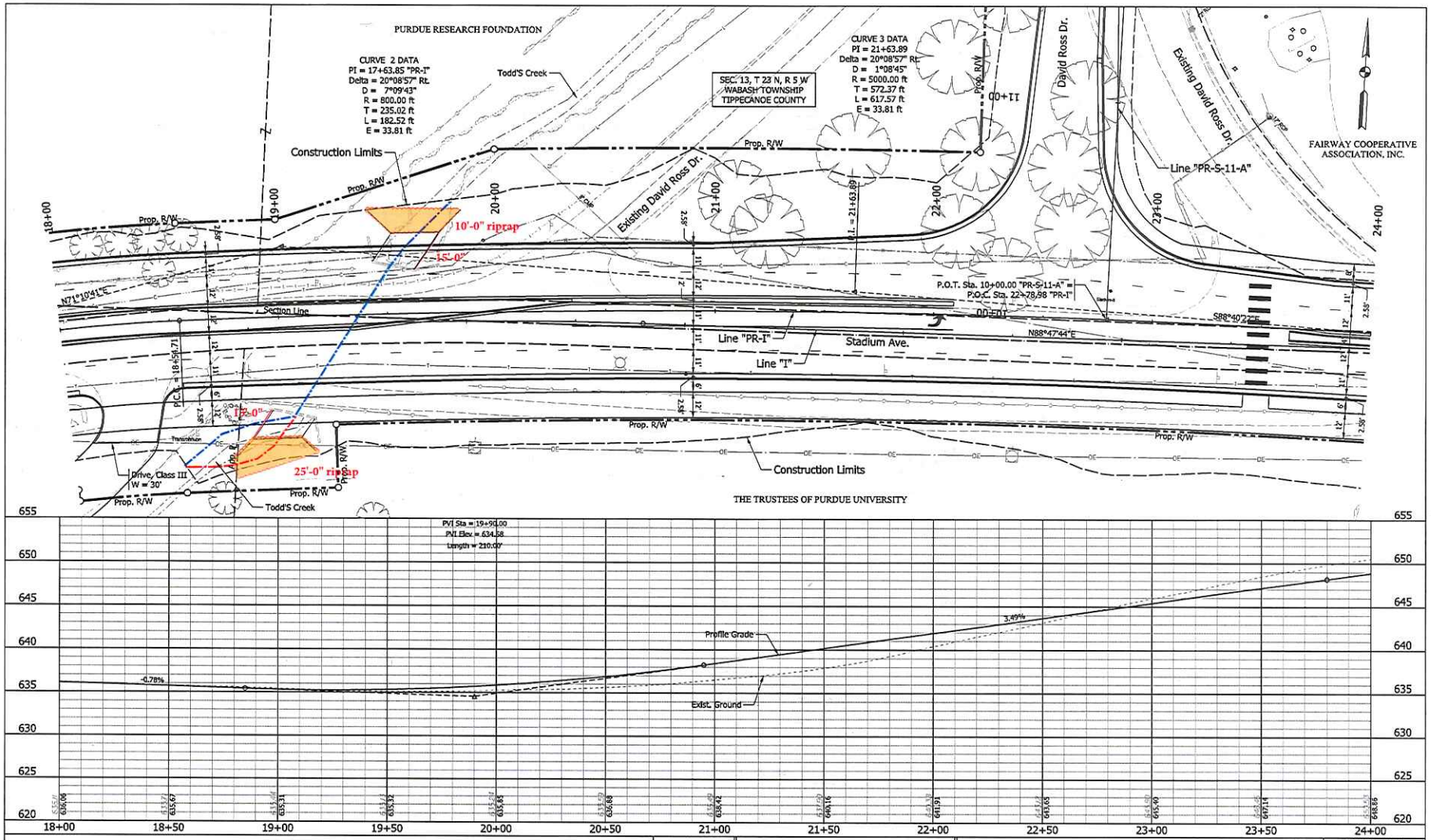
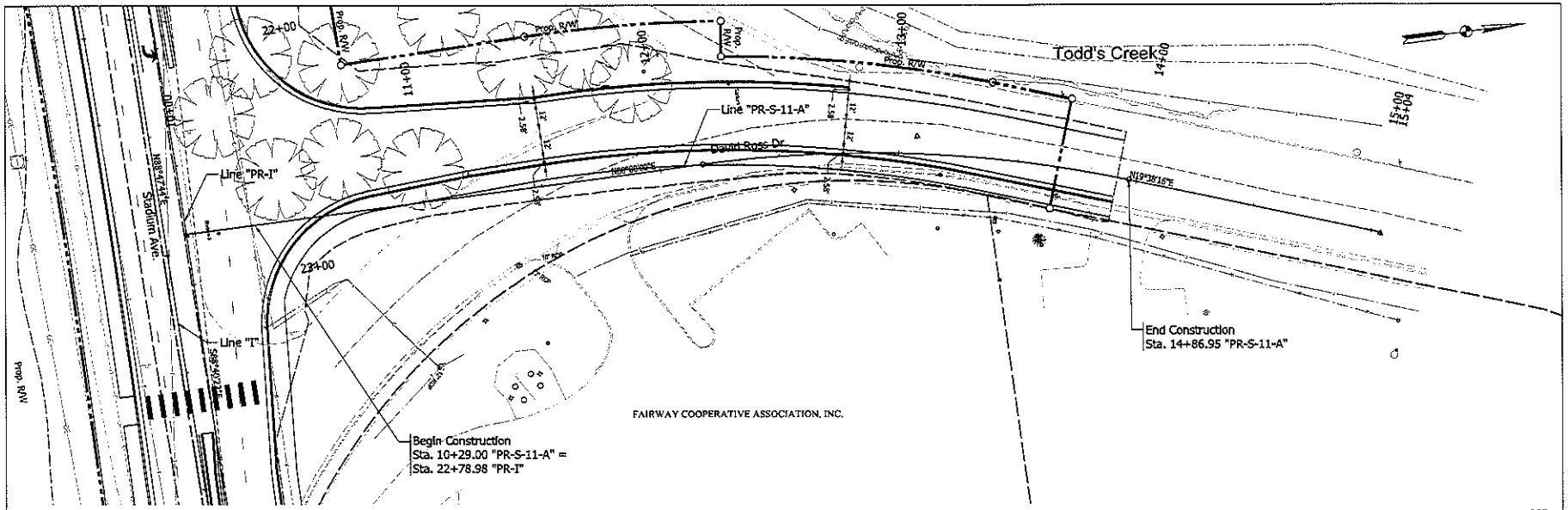

THE FIRST UNITED METHODIST CHURCH OF WEST LAFAYETTE
Prop. R/W
Construction Limits
Todd's Creek
Wetland A
App. Ex. R/W & ℄
SEC. 24, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
US-231
POB = 99+00.00
Line "PR-A"
Line "A"
1/4 Section Line
N89°27'48"E
State Street
Begin Section 2
P.O.T. Sta. 99+69.17 "PR-A"
20'-0"
Str. No. 26-79-8450
P.C. = 102+00.00
P.I. = 102+77.73
CURVE 1 DATA
PI = 102+77.73
Delta = 5°55'58" Rt.
D = 3°49'11"
R = 1500.00 ft
T = 77.73 ft
L = 155.32 ft
E = 2.01 ft
DS = 30 MPH
se = N.C.
PURDUE RESEARCH FOUNDATION
Begin Section 2
P.O.T. Sta. 99+69.17 "PR-A"
El. 613.98
Profile Grade
-0.99%
Exist. Ground
Ex. Box Culvert
Ex. 36" Pipe
97+00
97+50
98+00
98+50
99+00
99+50
100+00
100+50
101+00
101+50
102+00
102+50
103+00
Indiana American Water
Existing Stream Flow-Line
Relocated Stream Flow-Line
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
STATE STREET
LINE "PR-A"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
of

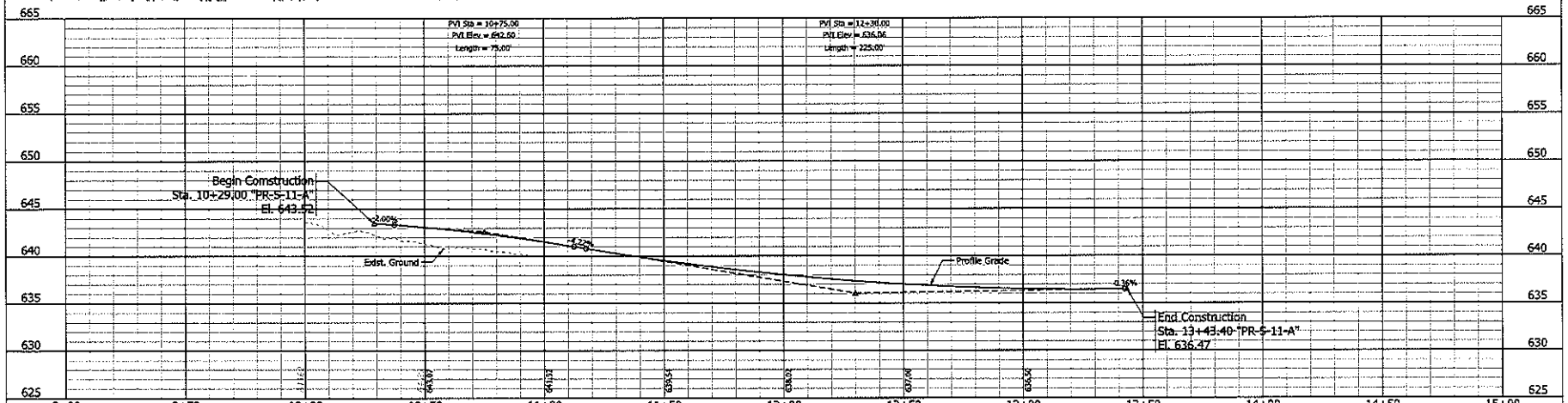
State Street Stream Impact End - The structure replacement and other stream work to the east will be permitted by the Western Gateway Drainage Improvements Project (Section 9).




CURVE 1 DATA
PI = 12+77.61 "PR-I"
Delta = 16°01'16" Rt.
D = 14°06'44"
R = 406.00 ft
T = 57.14 ft
L = 113.53 ft
E = 4.00 ft
PURDUE RESEARCH FOUNDATION
SEC. 24, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
SEC. 13, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
CURVE 2 DATA
PI = 17+63.85 "PR-I"
Delta = 20°08'57" Rt.
D = 7°09'43"
R = 800.00 ft
T = 235.02 ft
L = 182.52 ft
E = 33.81 ft
Section Line
Prop. R/W
Line "I"
Begin Project
Sta. 13+34.41 "PR-I"
Existing Stadium Ave.
N87°39'24"E
Construction Limits
Line "PR-I"
N71°10'41"E
N75°49'49"E
PROPOSED STADIUM AVE
N55°09'25"E
P.C. = 12+20.47
P.I. = 12+77.61
P.T. = 13+34.00
P.C. = 16+72.19
P.I. = 17+63.85
THE TRUSTEES OF PURDUE UNIVERSITY
PVI Sta = 16+00.00
PVI Elev = 637.52
Length = 300.00'
Begin Project
Sta. 13+34.41 "PR-I"
El. 646.92
-3.50%
Exist. Ground
Profile Grade
-0.78%
See Roundabout
12+00
12+50
13+00
13+50
14+00
14+50
15+00
15+50
16+00
16+50
17+00
17+50
18+00
665
660
655
650
645
640
635
630
625
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY,
& PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
STADIUM AVE
LINE "PR-I"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
1 of 1

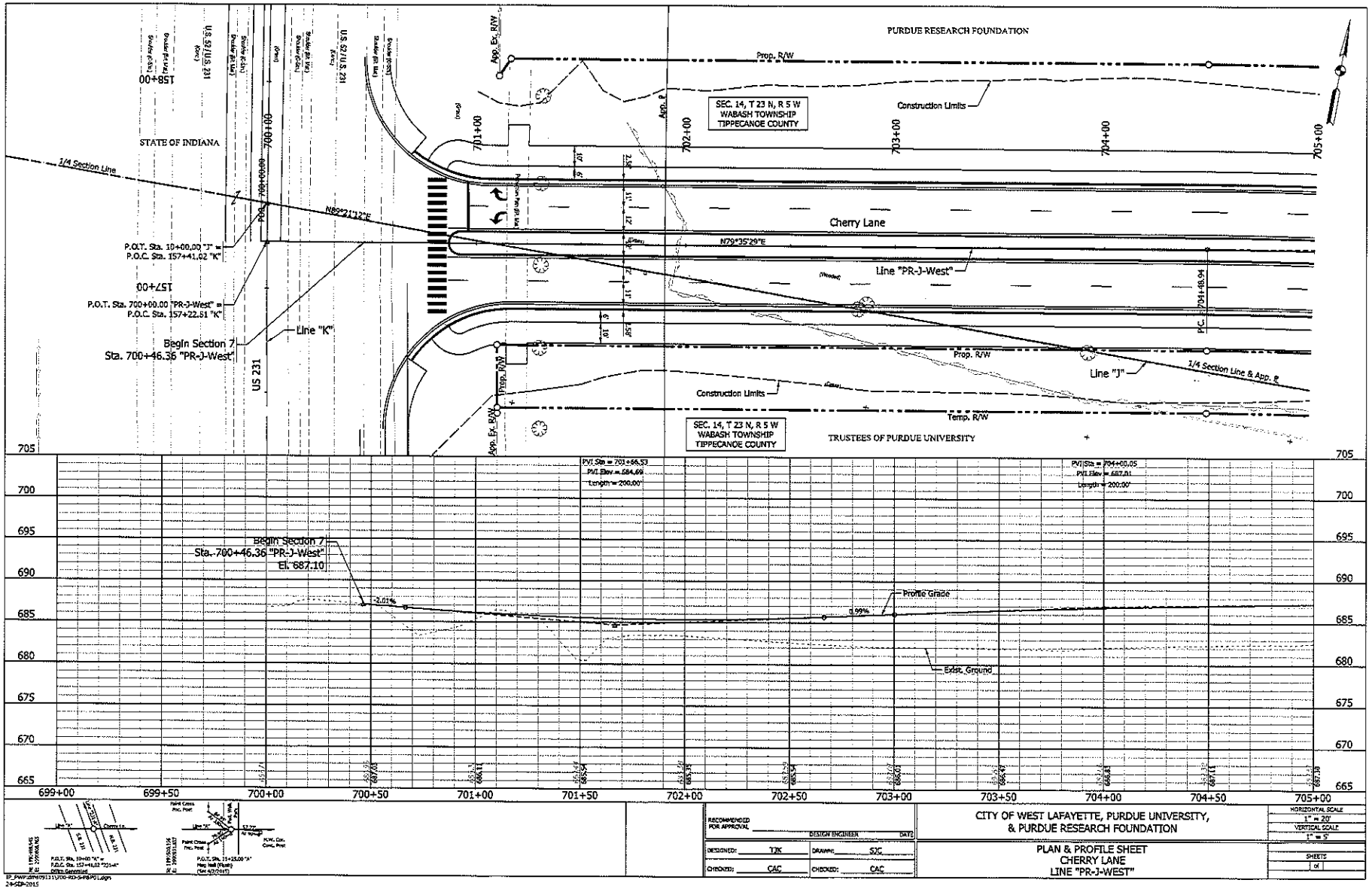

PURDUE RESEARCH FOUNDATION
CURVE 2 DATA
PI = 17+63.85 "PR-I"
Delta = 20°08'57" Rt.
D = 7°09'43"
R = 800.00 ft
T = 235.02 ft
L = 182.52 ft
E = 33.81 ft
Todd'S Creek
SEC. 13, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
CURVE 3 DATA
PI = 21+63.89
Delta = 20°08'57" Rt.
D = 1°08'45"
R = 5000.00 ft
T = 572.37 ft
L = 617.57 ft
E = 33.81 ft
David Ross Dr.
Existing David Ross Dr.
FAIRWAY COOPERATIVE ASSOCIATION, INC.
Construction Limits
Prop. R/W
10'-0" riprap
15'-0"
12'-0"
25'-0" riprap
Line "PR-S-11-A"
P.O.T. Sta. 10+00.00 "PR-S-11-A" =
P.O.C. Sta. 22+78.98 "PR-I"
Section Line
Line "PR-I"
Stadium Ave.
Line "I"
N88°47'44"E
S88°40'22"E
N71°10'41"E
P.C.C. = 18+56.71
Transition
Drive, Class III
W = 30'
Todd'S Creek
THE TRUSTEES OF PURDUE UNIVERSITY
PVI Sta = 19+90.00
PVI Elev = 634.58
Length = 210.00'
Profile Grade
Exist. Ground
-0.78%
3.49%
Existing Stream Flow-Line
Relocated Stream Flow-Line
Riprap Placement
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
STADIUM AVE
LINE "PR-I"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
of
IP_PWP:dms09309\600-RD-S-PR-P12.dgn
24-SEP-2015

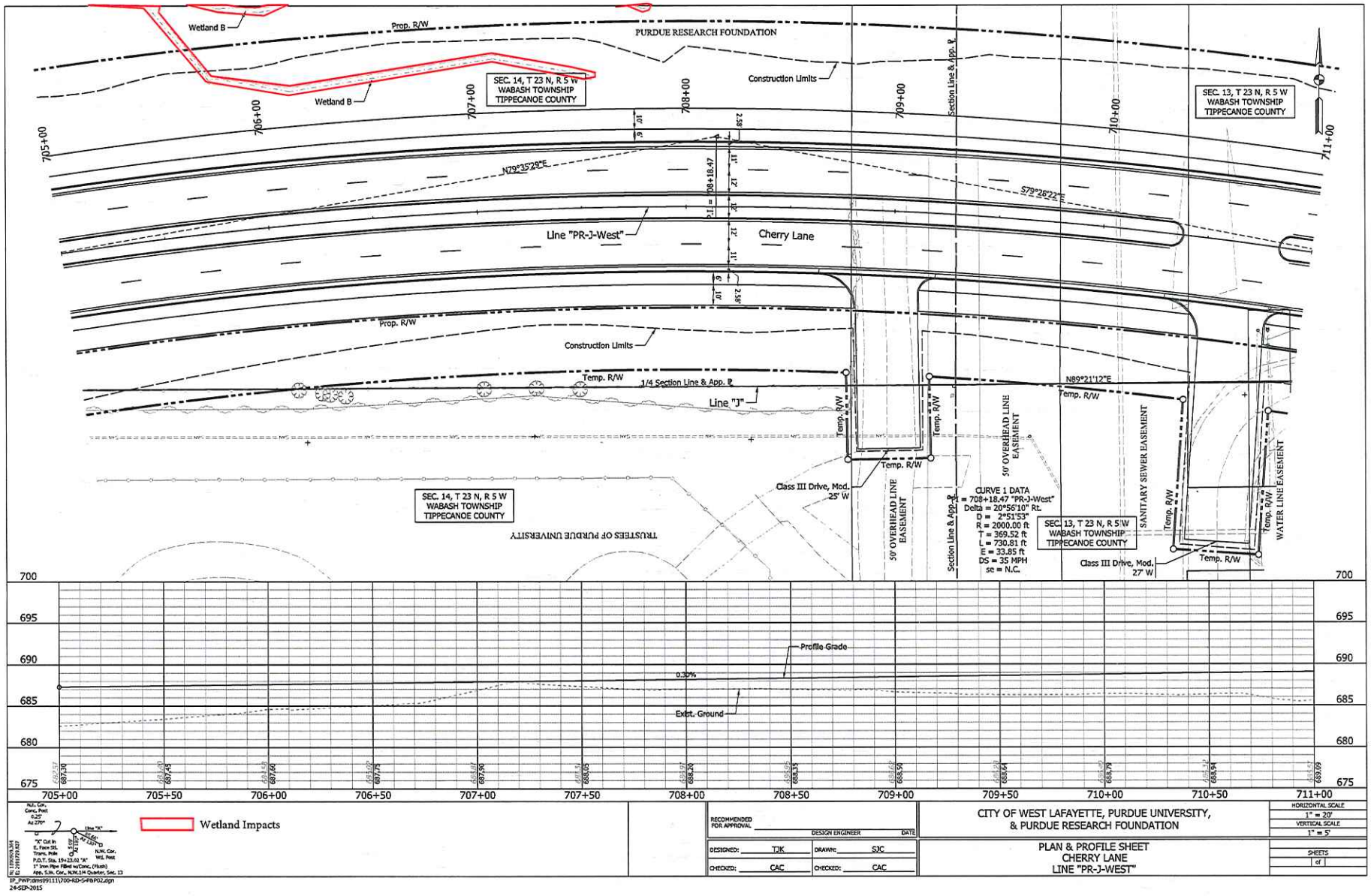


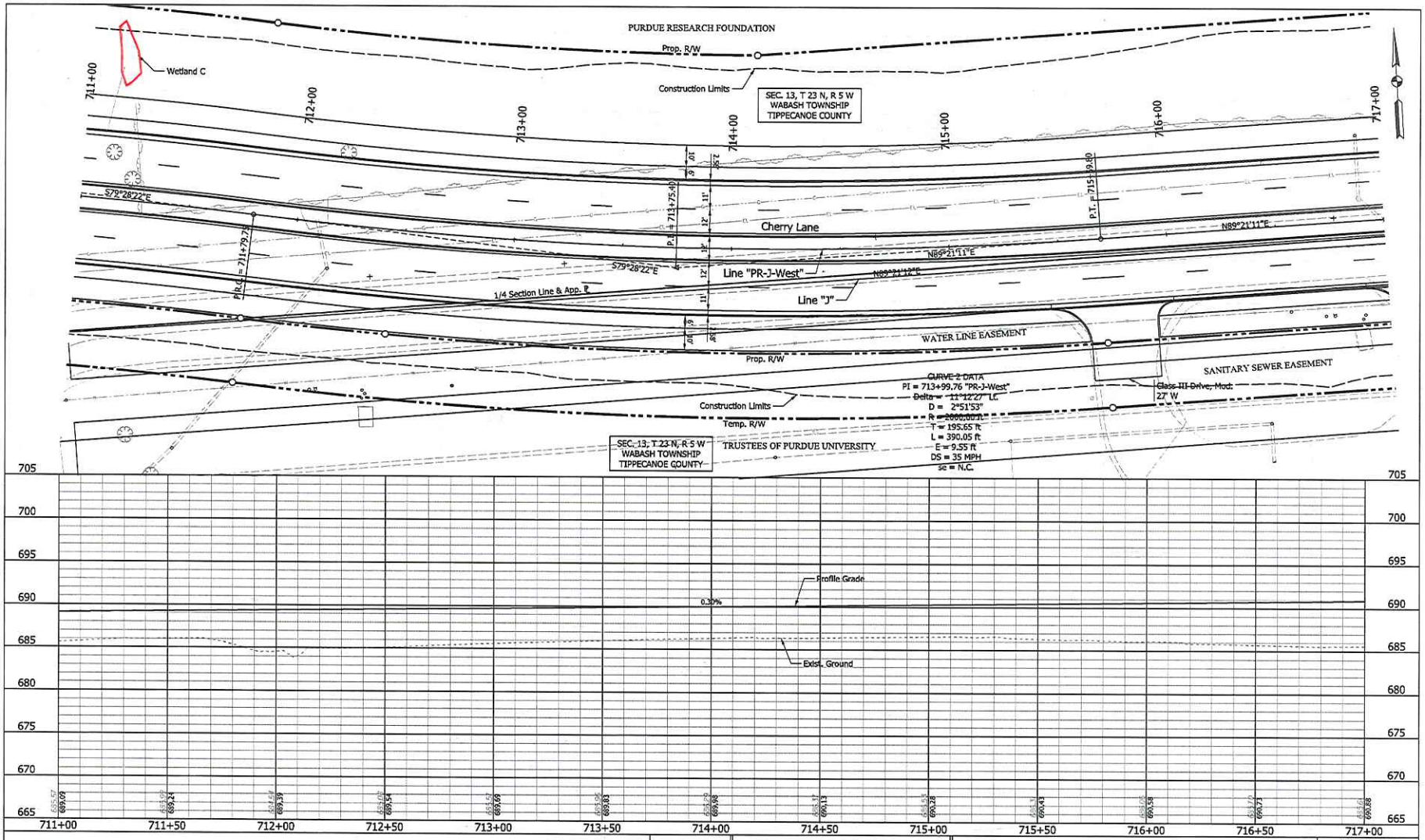


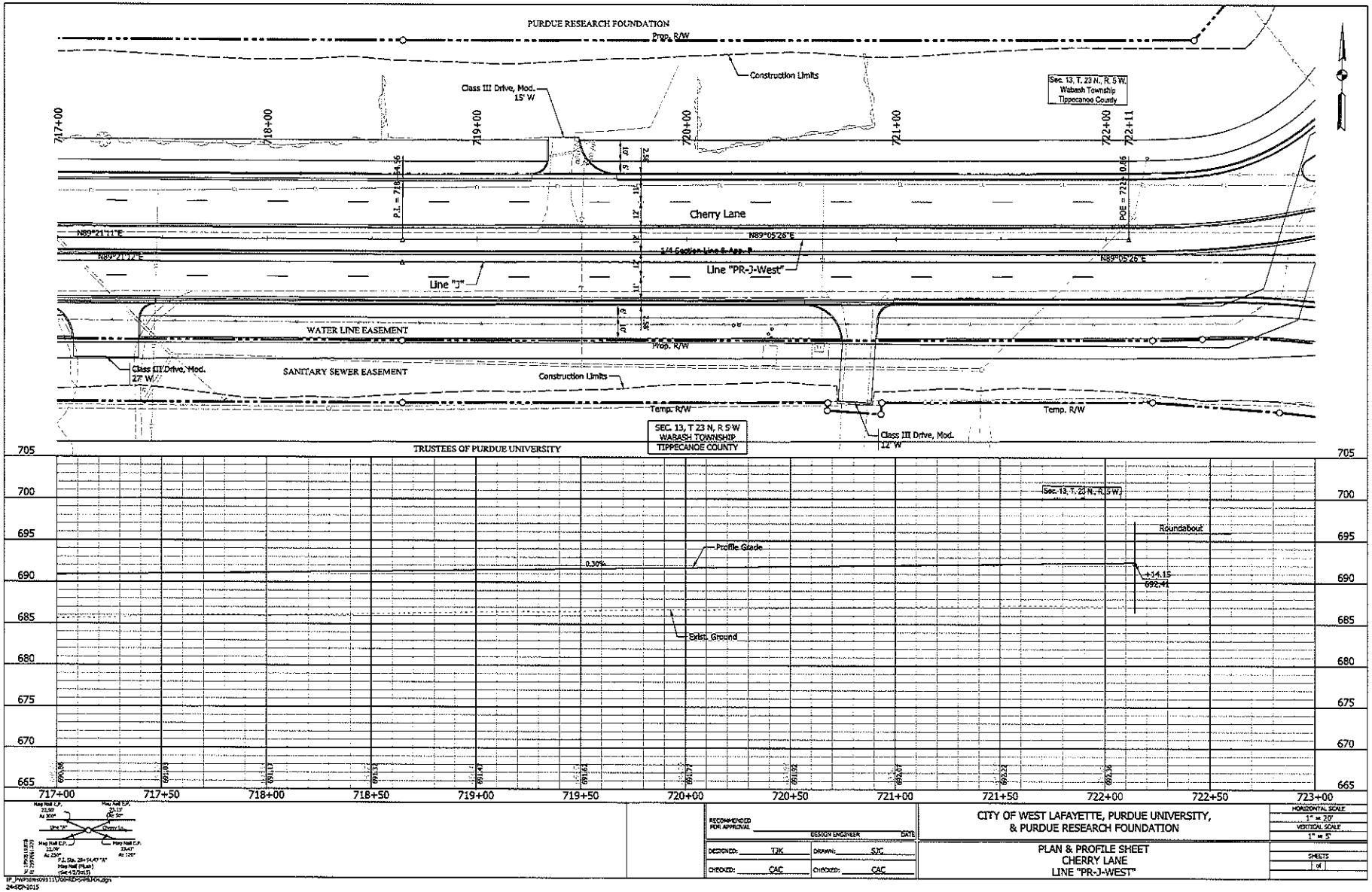
RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE 1" = 5'
DESIGNED: TJK DRAWN: SJC CHECKED: CAC CHECKED: CAC	PLAN & PROFILE SHEET DAVID ROSS DRIVE LINE "PR-S-11-A"	SHEETS 1 of

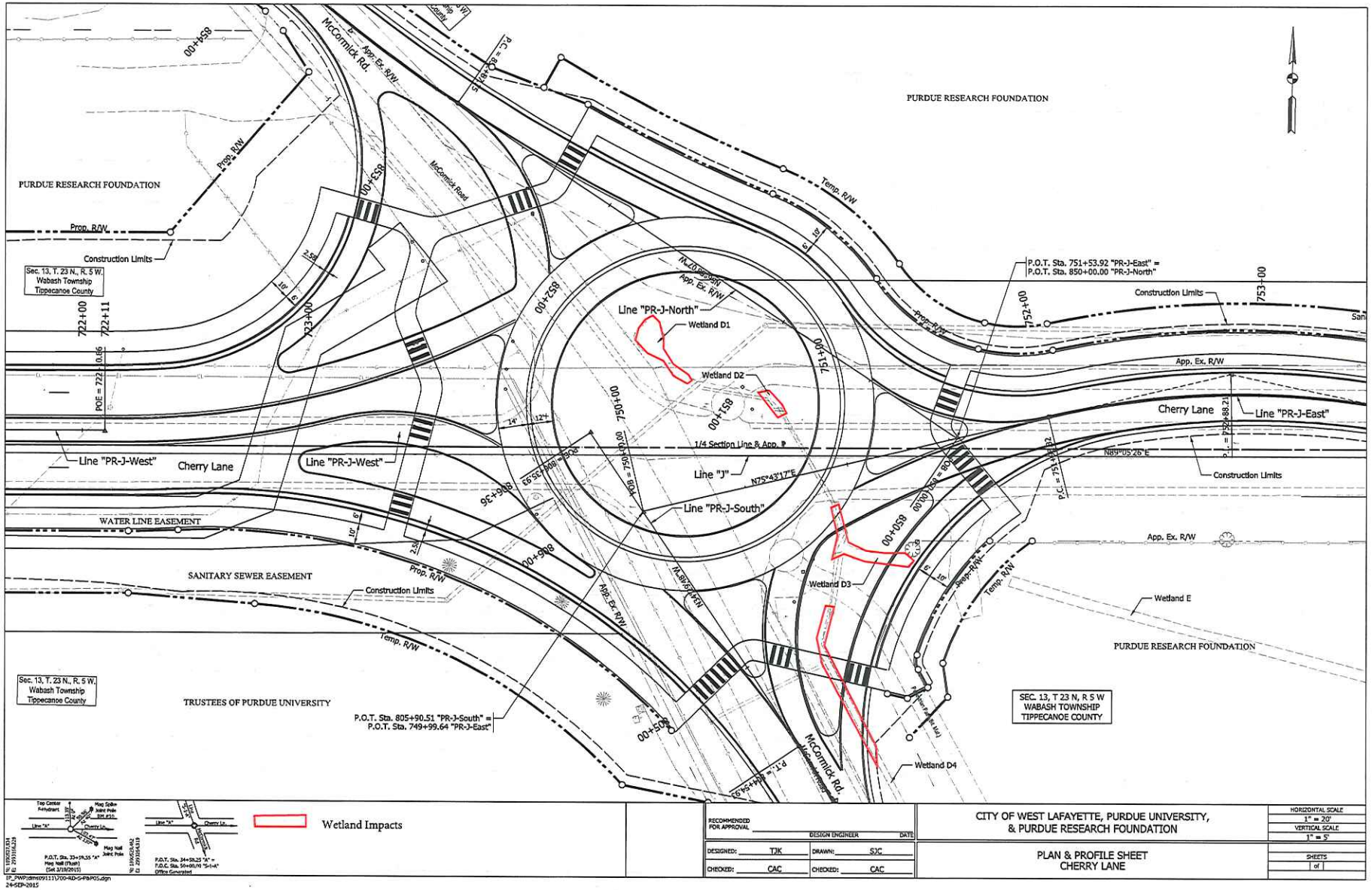
24-SEP-2015

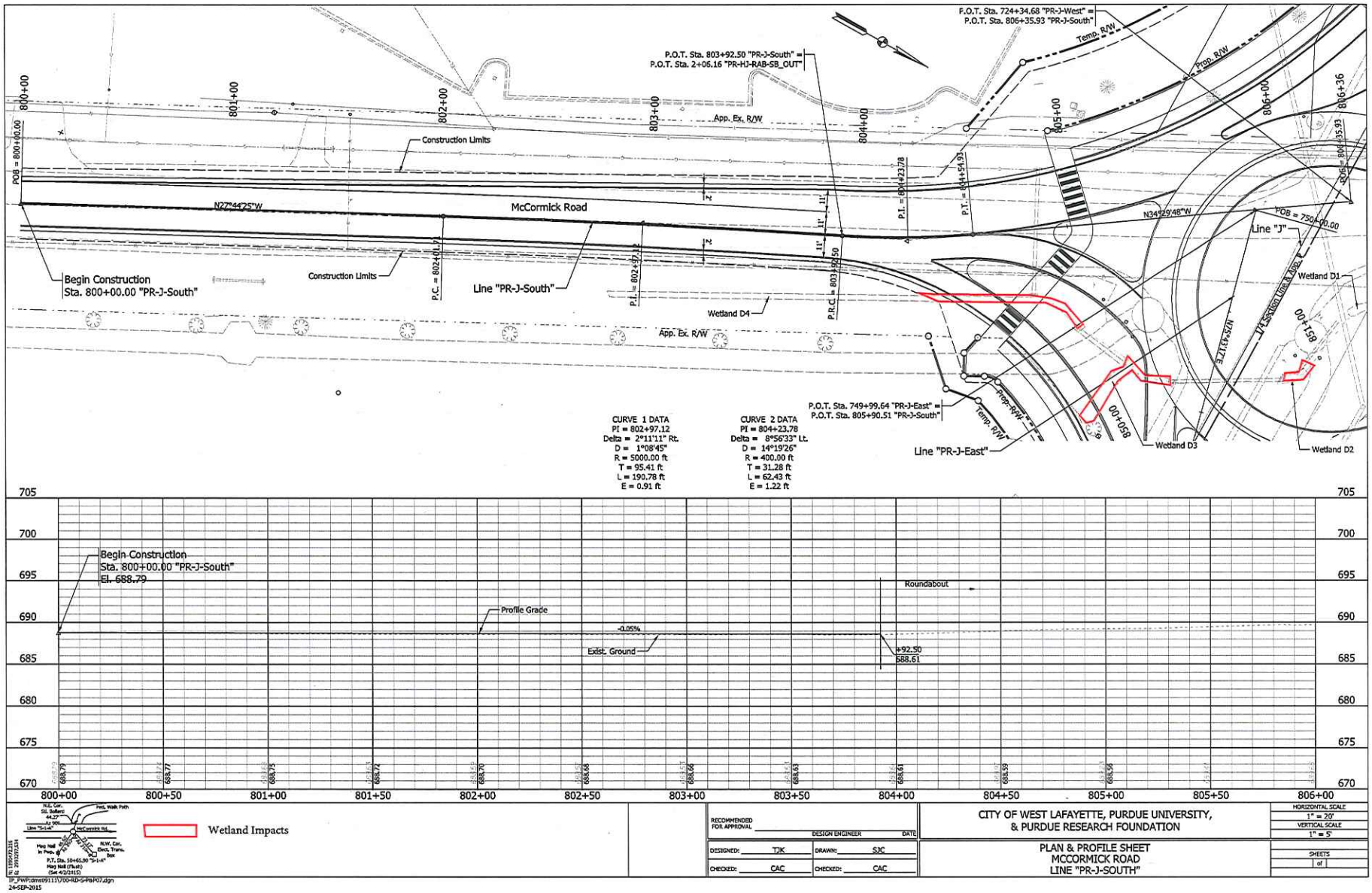

PURDUE RESEARCH FOUNDATION
Prop. R/W
Construction Limits
SEC. 14, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
STATE OF INDIANA
1/4 Section Line
N89°21'12"E
P.O.T. Sta. 10+00.00 "J" =
P.O.C. Sta. 157+41.02 "K"
P.O.T. Sta. 700+00.00 "PR-J-West" =
P.O.C. Sta. 157+22.51 "K"
Begin Section 7
Sta. 700+46.36 "PR-J-West"
Line "K"
US 231
Cherry Lane
N79°35'29"E
Line "PR-J-West"
Line "J"
1/4 Section Line & App. R
Temp. R/W
App. Ex. R/W
TRUSTEES OF PURDUE UNIVERSITY
PVI Sta = 701+66.53
PVI Elev = 684.69
Length = 200.00'
PVI Sta = 704+00.05
PVI Elev = 687.01
Length = 200.00'
Begin Section 7
Sta. 700+46.36 "PR-J-West"
El. 687.10
-2.01%
0.99%
Profile Grade
Exist. Ground
699+00
699+50
700+00
700+50
701+00
701+50
702+00
702+50
703+00
703+50
704+00
704+50
705+00
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY,
& PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
CHERRY LANE
LINE "PR-J-WEST"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC

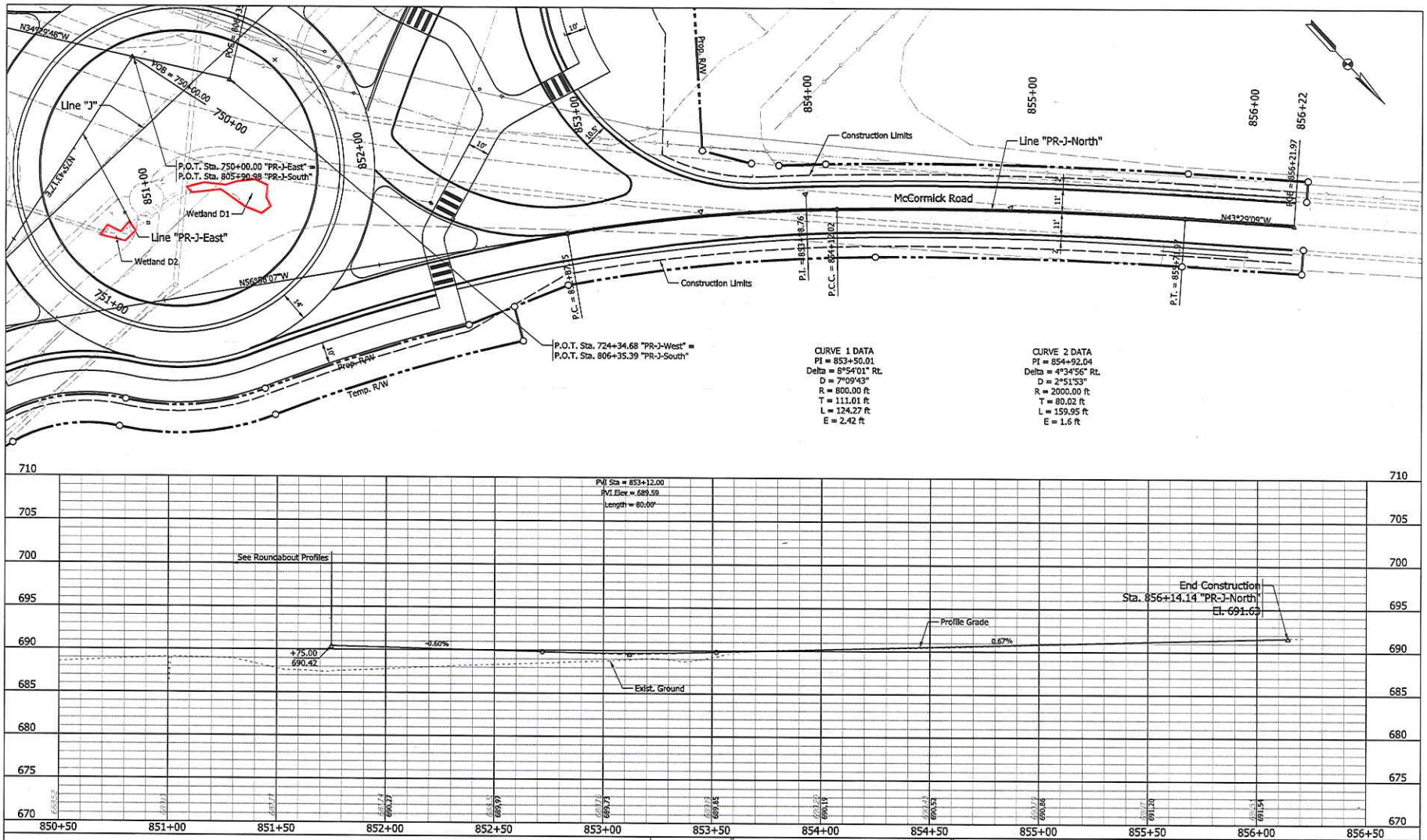

Wetland B
Prop. R/W
PURDUE RESEARCH FOUNDATION
Construction Limits
SEC. 14, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
SEC. 13, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
705+00
706+00
707+00
708+00
709+00
710+00
711+00
Section Line & App. ℄
N79°35'29"E
S79°28'22"E
Line "PR-J-West"
Cherry Lane
Temp. R/W
1/4 Section Line & App. ℄
Line "J"
N89°21'12"E
50' OVERHEAD LINE EASEMENT
SANITARY SEWER EASEMENT
WATER LINE EASEMENT
Class III Drive, Mod. 25' W
Class III Drive, Mod. 27' W
CURVE 1 DATA
PI = 708+18.47 "PR-J-West"
Delta = 20°56'10" Rt.
D = 2°51'53"
R = 2000.00 ft
T = 369.52 ft
L = 730.81 ft
E = 33.85 ft
DS = 35 MPH
se = N.C.
TRUSTEES OF PURDUE UNIVERSITY
Profile Grade
0.30%
Exist. Ground
700
695
690
685
680
675
705+00
705+50
706+00
706+50
707+00
707+50
708+00
708+50
709+00
709+50
710+00
710+50
711+00
Wetland Impacts
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
CHERRY LANE
LINE "PR-J-WEST"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
of
24-SEP-2015


PURDUE RESEARCH FOUNDATION
Prop. R/W
Wetland C
Construction Limits
SEC. 13, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
711+00
712+00
713+00
714+00
715+00
716+00
717+00
S79°28'22"E
P.R.C. = 711+79.75
P.I. = 713+75.40
P.T. = 715+39.80
Cherry Lane
N89°21'11"E
Line "PR-J-West"
Line "J"
1/4 Section Line & App. R
WATER LINE EASEMENT
SANITARY SEWER EASEMENT
Class III Drive, Mod.
27' W
CURVE 2 DATA
PI = 713+99.76 "PR-J-West"
Delta = 11°12'27" LT
D = 2°51'53"
R = 2000.00 ft
T = 195.65 ft
L = 390.05 ft
E = 9.55 ft
DS = 35 MPH
se = N.C.
Temp. R/W
TRUSTEES OF PURDUE UNIVERSITY
Profile Grade
0.30%
Exist. Ground
705
700
695
690
685
680
675
670
665
711+00
711+50
712+00
712+50
713+00
713+50
714+00
714+50
715+00
715+50
716+00
716+50
717+00
Wetland Impacts
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
CHERRY LANE
LINE "PR-J-WEST"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
of
IP_PWF:dms09111\700-RD-S-P&P03.dgn
24-SEP-2015

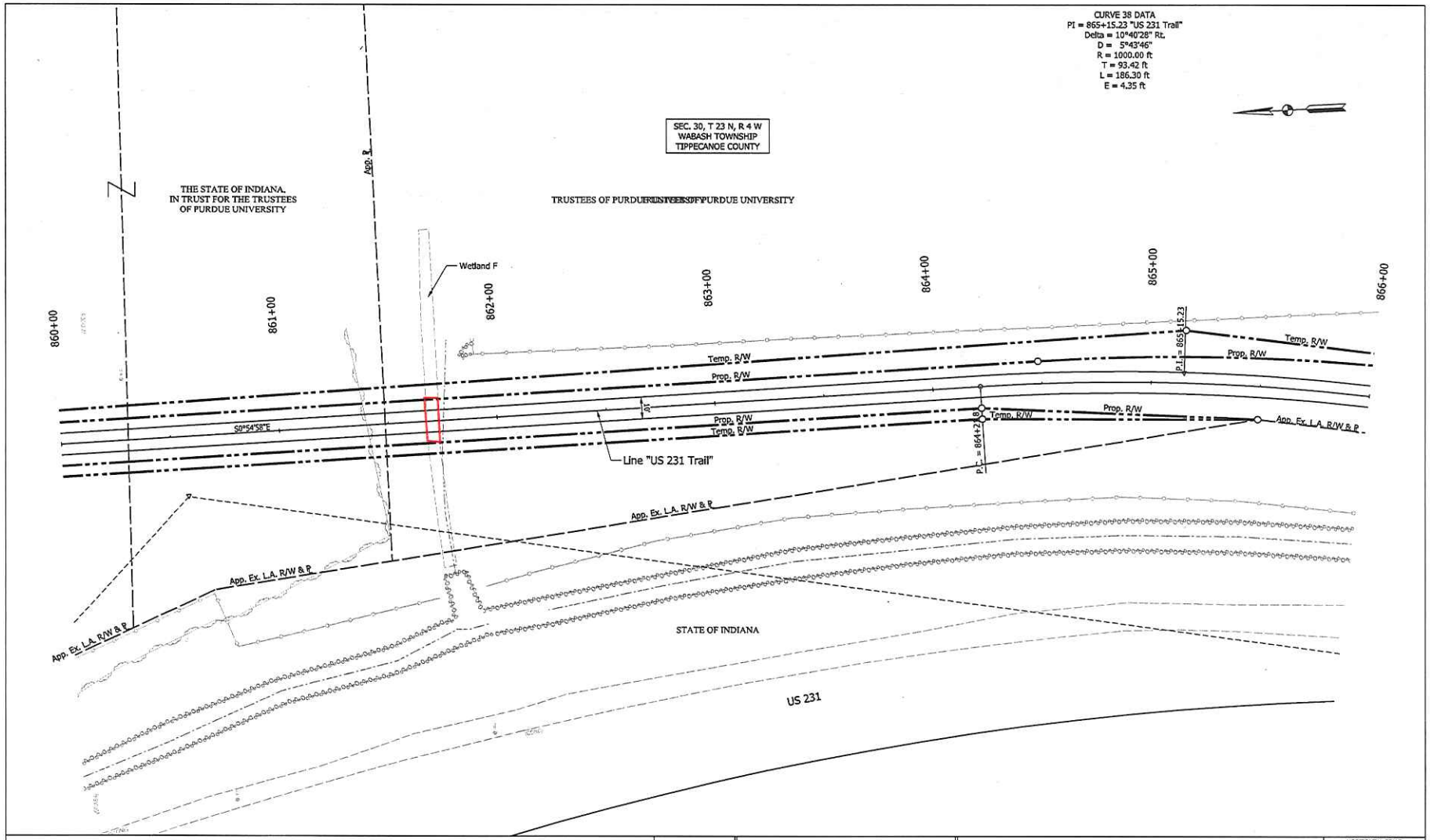

PURDUE RESEARCH FOUNDATION
Prop. R/W
Construction Limits
Class III Drive, Mod. 15' W
Sec. 13, T. 23 N., R. 5 W. Wabash Township Tippecanoe County
717+00
718+00
719+00
720+00
721+00
722+00
722+11
P.I. = 718+54.56
POE = 722+0.86
Cherry Lane
N89°21'11"E
N89°05'26"E
1/4 Section Line S. Agr. R
Line "J"
Line "PR-J-West"
WATER LINE EASEMENT
Prop. R/W
Class III Drive, Mod. 27' W
SANITARY SEWER EASEMENT
Construction Limits
Temp. R/W
Temp. R/W
SEC. 13, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
Class III Drive, Mod. 12' W
TRUSTEES OF PURDUE UNIVERSITY
705
700
695
690
685
680
675
670
665
Sec. 13, T. 23 N., R. 5 W.
Roundabout
Profile Grade
0.30%
+14.15
692.41
Exist. Ground
717+00
717+50
718+00
718+50
719+00
719+50
720+00
720+50
721+00
721+50
722+00
722+50
723+00
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
CHERRY LANE
LINE "PR-J-WEST"
HORIZONTAL SCALE 1" = 20'
VERTICAL SCALE 1" = 5'
SHEETS
of


PURDUE RESEARCH FOUNDATION
Prop. R/W
Construction Limits
Sec. 13, T. 23 N., R. 5 W.
Wabash Township
Tippecanoe County
McCormick Rd.
App. Ex. R/W
Temp. R/W
Line "PR-J-North"
Wetland D1
Wetland D2
Line "J"
Line "PR-J-South"
Line "PR-J-West"
Cherry Lane
Line "PR-J-East"
1/4 Section Line & App. R
N75°43'17"E
N89°05'26"E
WATER LINE EASEMENT
SANITARY SEWER EASEMENT
TRUSTEES OF PURDUE UNIVERSITY
Wetland D3
Wetland D4
Wetland E
P.O.T. Sta. 751+53.92 "PR-J-East" =
P.O.T. Sta. 850+00.00 "PR-J-North"
P.O.T. Sta. 805+90.51 "PR-J-South" =
P.O.T. Sta. 749+99.64 "PR-J-East"
SEC. 13, T 23 N, R 5 W
WABASH TOWNSHIP
TIPPECANOE COUNTY
Wetland Impacts
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY,
& PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
CHERRY LANE
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
1 of 1
24-SEP-2015


P.O.T. Sta. 724+34.68 "PR-J-West" =
P.O.T. Sta. 806+35.93 "PR-J-South"
Temp. R/W
Prop. R/W
P.O.T. Sta. 803+92.50 "PR-J-South" =
P.O.T. Sta. 2+06.16 "PR-HJ-RAB-SB_OUT"
App. Ex. R/W
Construction Limits
POB = 800+00.00
N27°44'25"W
McCormick Road
Begin Construction
Sta. 800+00.00 "PR-J-South"
Construction Limits
P.C. = 802+01.7
Line "PR-J-South"
P.I. = 802+97.12
Wetland D4
P.R.C. = 803+92.50
App. Ex. R/W
P.I. = 804+23.78
P.T. = 804+54.93
N34°29'48"W
POB = 750+00.00
Line "J"
Wetland D1
N75°43'12"E
14' Sewer Line & Appur.
851+00
850+00
Wetland D3
Wetland D2
P.O.T. Sta. 749+99.64 "PR-J-East" =
P.O.T. Sta. 805+90.51 "PR-J-South"
Prop. R/W
Temp. R/W
Line "PR-J-East"
CURVE 1 DATA
PI = 802+97.12
Delta = 2°11'11" Rt.
D = 1°08'45"
R = 5000.00 ft
T = 95.41 ft
L = 190.78 ft
E = 0.91 ft
CURVE 2 DATA
PI = 804+23.78
Delta = 8°56'33" Lt.
D = 14°19'26"
R = 400.00 ft
T = 31.28 ft
L = 62.43 ft
E = 1.22 ft
Begin Construction
Sta. 800+00.00 "PR-J-South"
El. 688.79
Profile Grade
-0.05%
Exist. Ground
Roundabout
+92.50
688.61
705
700
695
690
685
680
675
670
800+00
800+50
801+00
801+50
802+00
802+50
803+00
803+50
804+00
804+50
805+00
805+50
806+00
Wetland Impacts
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: TJK
DRAWN: SJC
CHECKED: CAC
CHECKED: CAC
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY,
& PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
MCCORMICK ROAD
LINE "PR-J-SOUTH"
HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'
SHEETS
of
24-SEP-2015



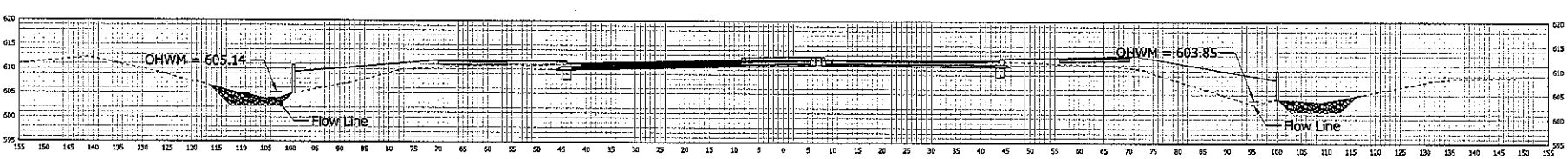
Line "J"
P.O.T. Sta. 750+00.00 "PR-J-East" =
P.O.T. Sta. 805+90.98 "PR-J-South"
Wetland D1
Line "PR-J-East"
Wetland D2
Construction Limits
Line "PR-J-North"
McCormick Road
P.O.T. Sta. 724+34.68 "PR-J-West" =
P.O.T. Sta. 806+35.39 "PR-J-South"
CURVE 1 DATA
PI = 853+50.01
Delta = 8°54'01" Rt.
D = 7°09'43"
R = 800.00 ft
T = 111.01 ft
L = 124.27 ft
E = 2.42 ft
CURVE 2 DATA
PI = 854+92.04
Delta = 4°34'56" Rt.
D = 2°51'53"
R = 2000.00 ft
T = 80.02 ft
L = 159.95 ft
E = 1.6 ft
PVI Sta = 853+12.00
PVI Elev = 689.59
Length = 80.00'
See Roundabout Profiles
Profile Grade
Exist. Ground
End Construction
Sta. 856+14.14 "PR-J-North"
El. 691.63
Wetland Impacts
CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY,
& PURDUE RESEARCH FOUNDATION
PLAN & PROFILE SHEET
MCCORMICK ROAD
LINE "PR-J-NORTH"



Wetland Impacts

RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER DATE		CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE
DESIGNED: TJK	DRAWN: SJC	PLAN SHEET US 231 TRAIL LINE "US 231 TRAIL"	SHEETS of
CHECKED: CAC	CHECKED: CAC		

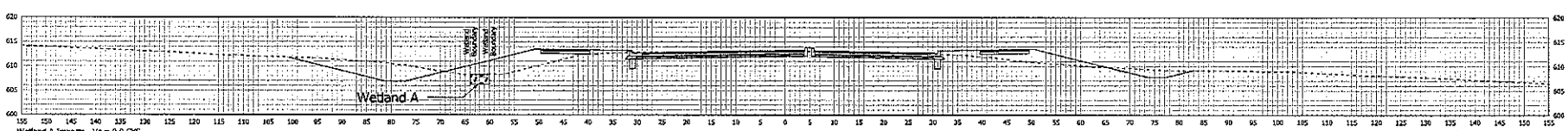
IP_PWP:dms09782\800-RD-S-P&P11.dgn
24-SEP-2015



101+69

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE
			VERTICAL SCALE
DESIGNED:	DRAWN:	STATE STREET CROSS - SECTIONS	SHEETS
CHECKED:	CHECKED:		of

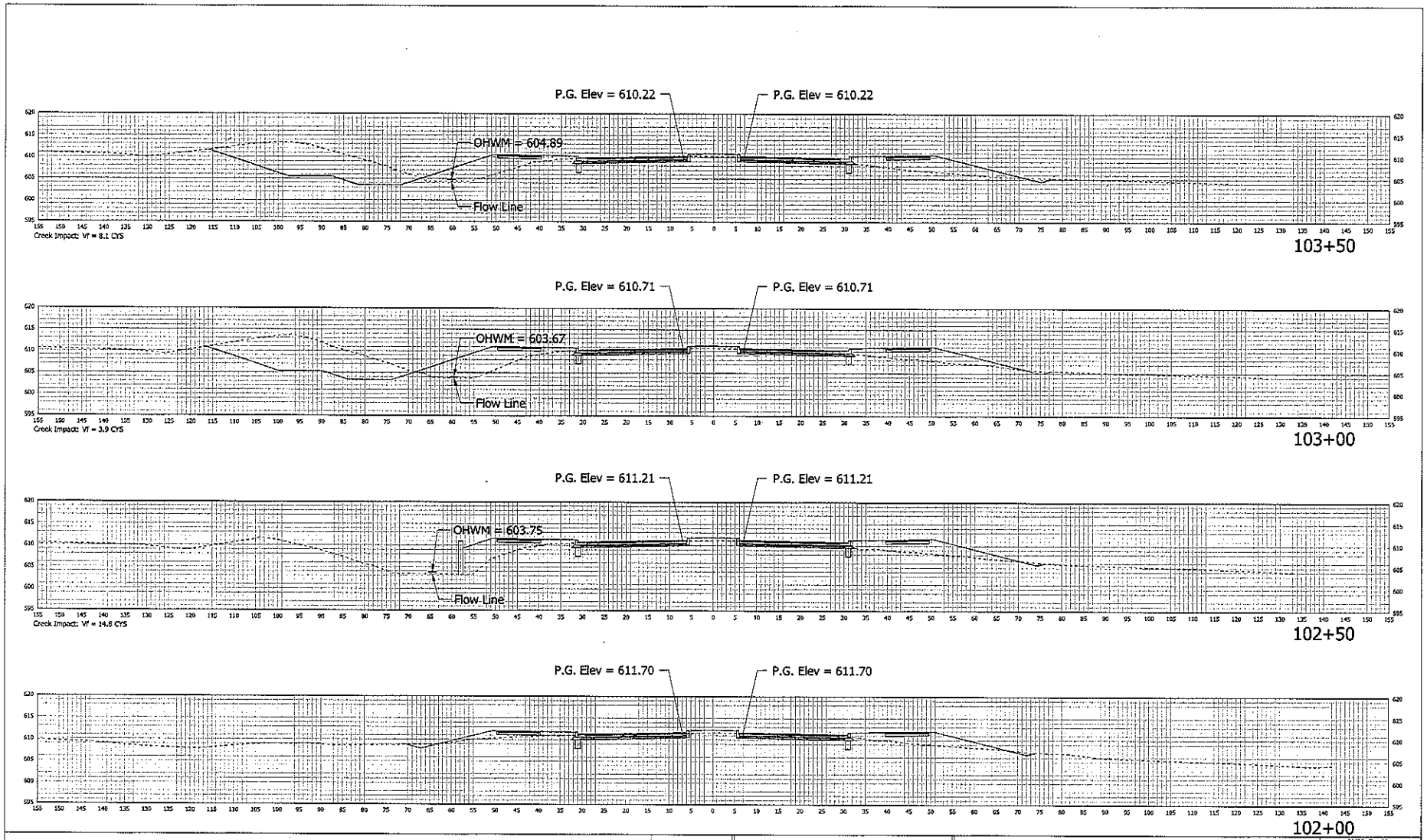
IP_PWP:dms08459\Wetland XS Plot Ref.dgn
23-DEC-2015



100+50

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE
			VERTICAL SCALE
DESIGNED: _____	DRAWN: _____	STATE STREET CROSS - SECTIONS	SHEETS
CHECKED: _____	CHECKED: _____		of

IP_PWP:cms08459\Wetland XS Plot Ref.dgn
23-DEC-2015



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: _____ DRAWN: _____

CHECKED: _____ CHECKED: _____

CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION

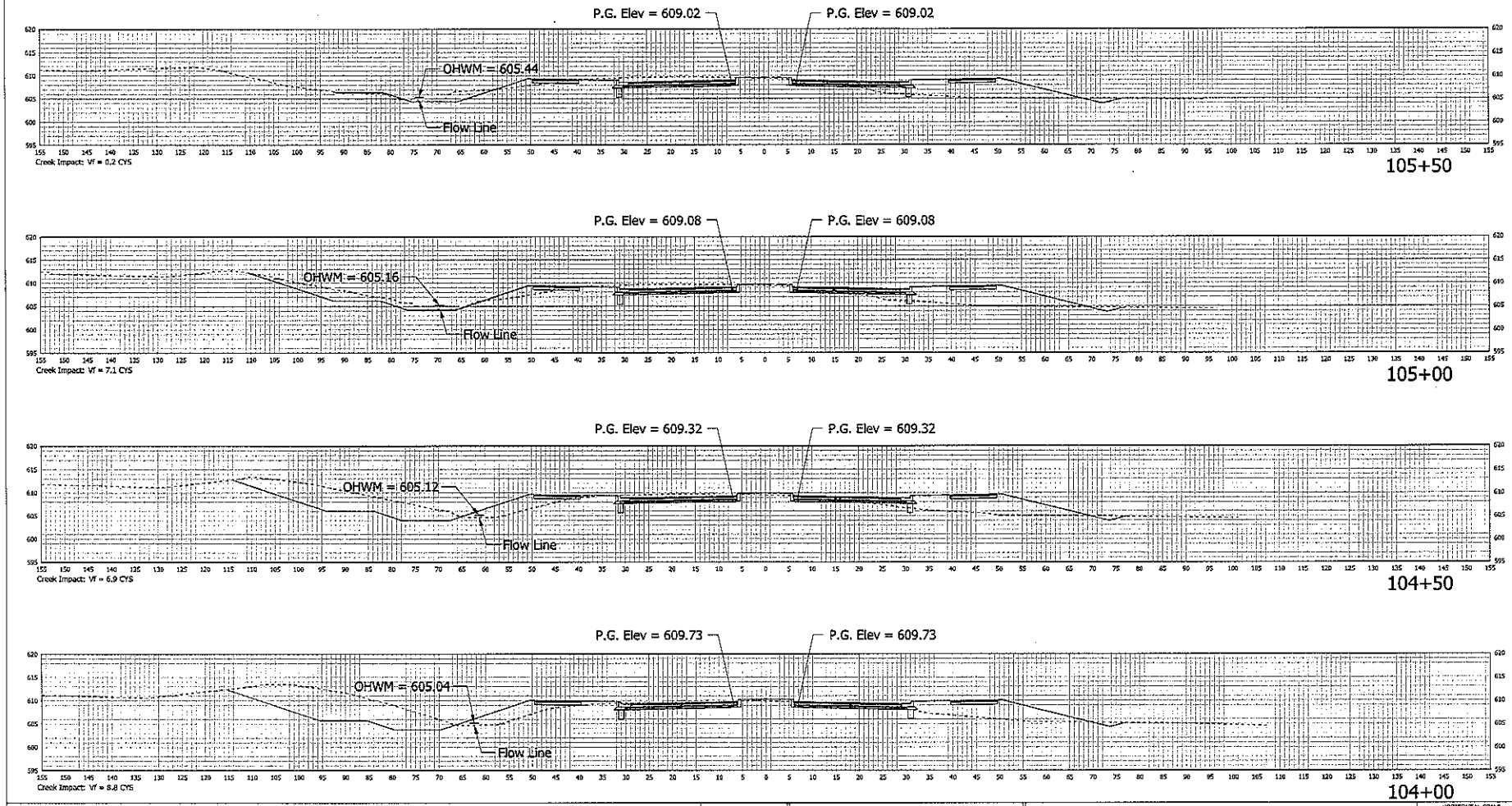
STATE STREET
CROSS - SECTIONS

HORIZONTAL SCALE

VERTICAL SCALE

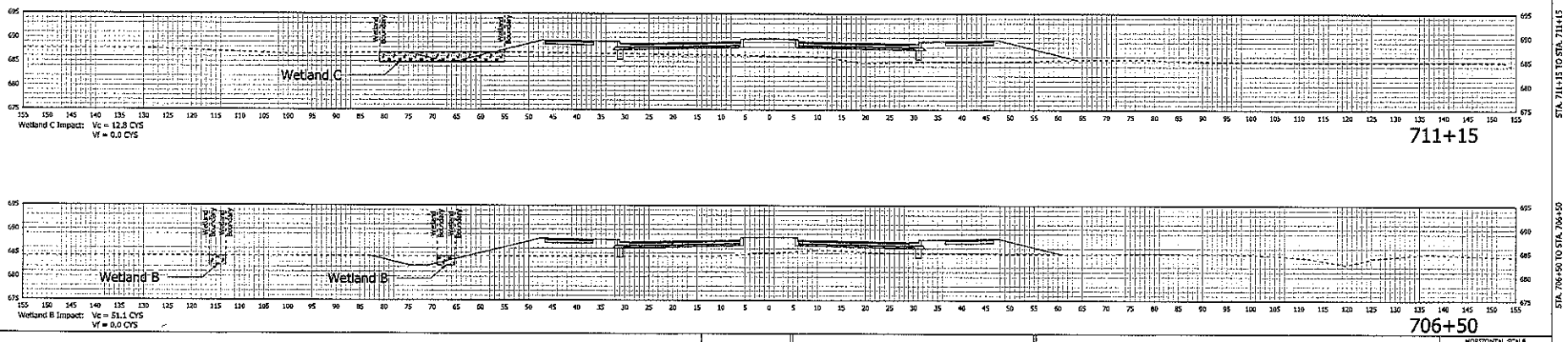
SHEETS ___ of ___

IP_PWP:\dmsub459\Wetland XS Plot Ref.dgn
23-DEC-2015



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE VERTICAL SCALE
DESIGNED: _____	DRAWN: _____	STATE STREET CROSS - SECTIONS	SHEETS of
CHECKED: _____	CHECKED: _____		

tP_PWP:dms08459\Wetland XS Plot Ref.dgn
23-DEC-2015



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____

CHECKED: _____ CHECKED: _____

CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION

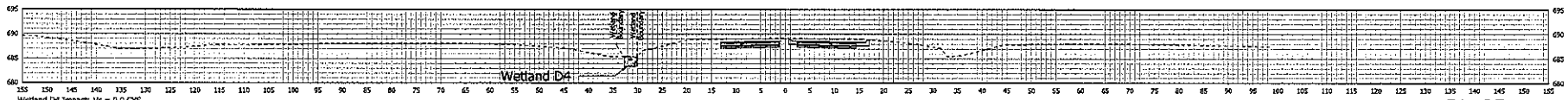
CHERRY LANE
CROSS - SECTIONS

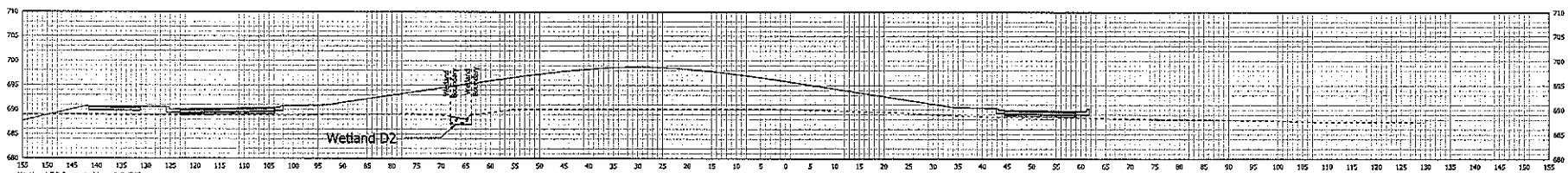
HORIZONTAL SCALE

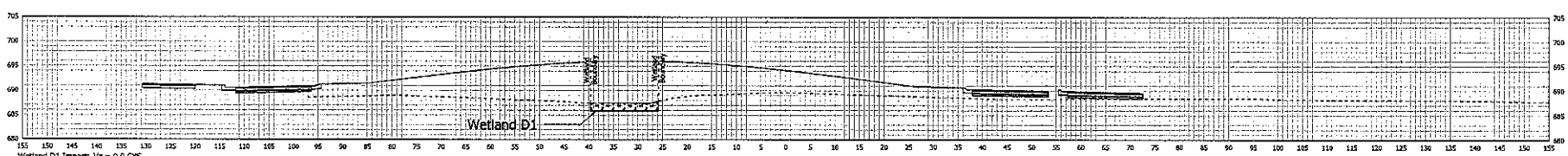
VERTICAL SCALE

SHEETS of

JP_PwP:dmcd4459\Wetland XS Plot Ref.dgn
23-DEC-2015



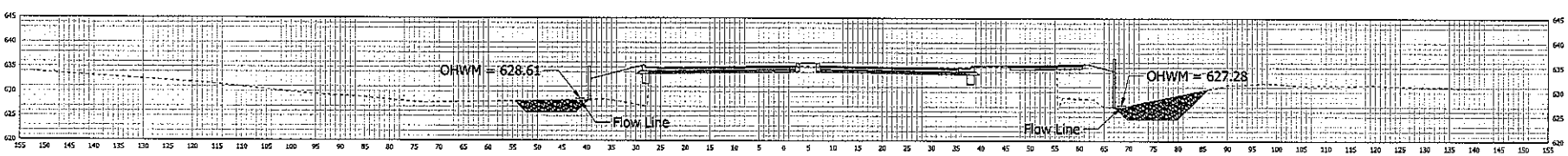




STA. 49+55 TO STA. 51+35

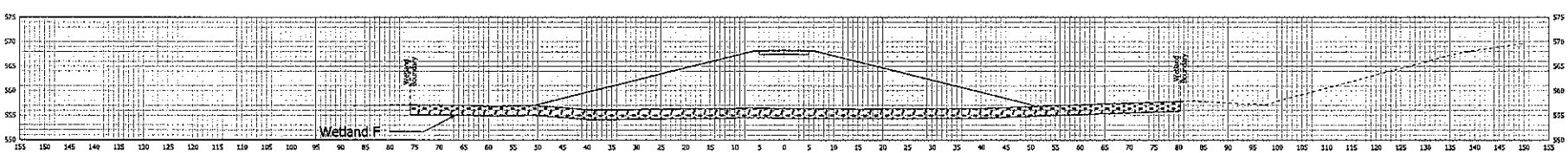
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE
		VERTICAL SCALE
DESIGNED: _____ DRAWN: _____	CHERRY LANE CROSS - SECTIONS	SHEETS
CHECKED: _____ CHECKED: _____		of

IP_PWP:dms08459\Wetland XS Plot Ref.dgn
23-DEC-2015



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE
			VERTICAL SCALE
DESIGNED: _____	DRAWN: _____	STADIUM AVENUE CROSS - SECTIONS	SHEETS
CHECKED: _____	CHECKED: _____		of

IP_PWP\dfmsdo439\Wetland XS Plot Ref.dgn
23-DEC-2015



861+73

STA. 861+73 TO STA. 861+73

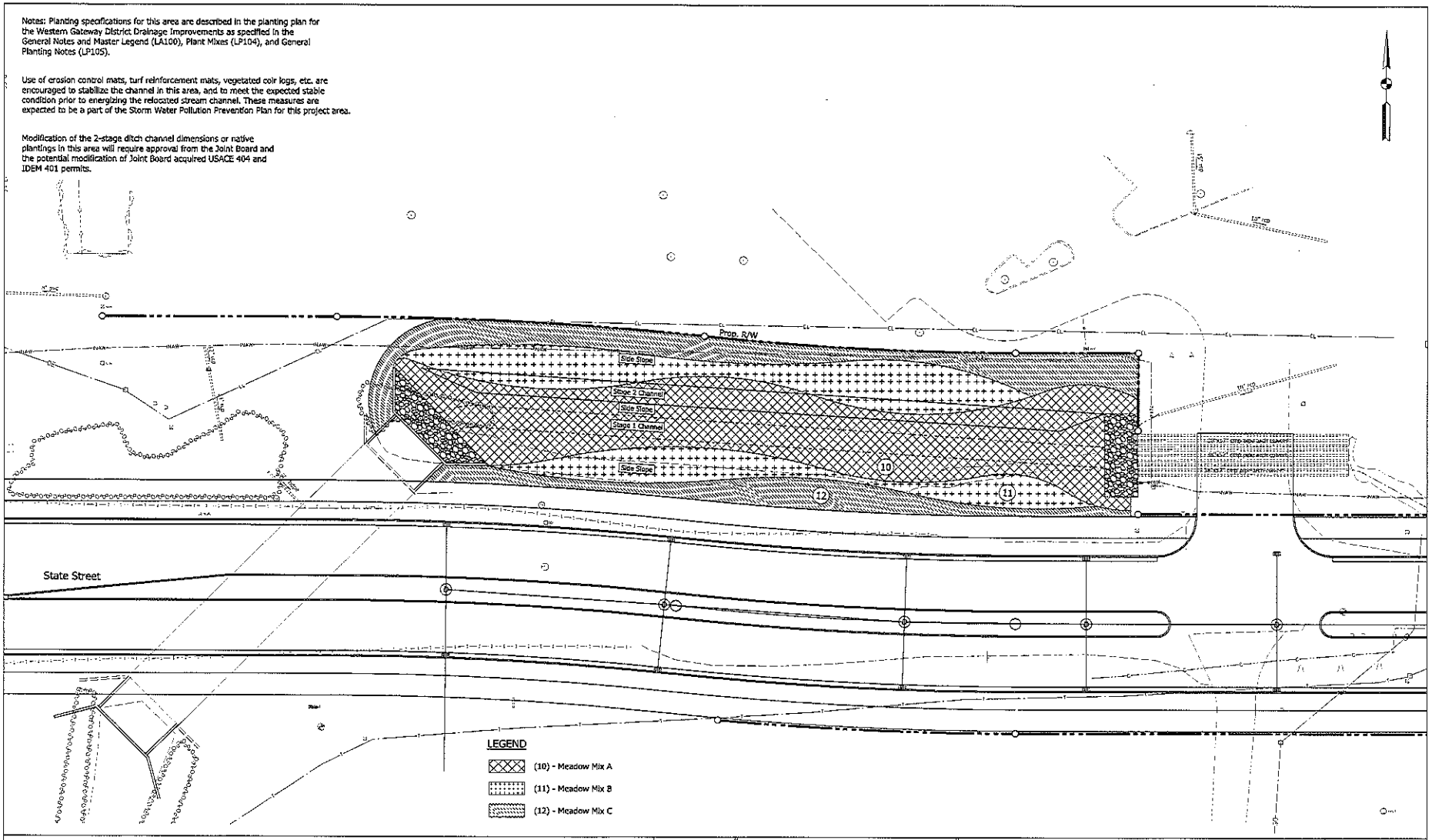
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE VERTICAL SCALE
DESIGNED: _____	DRAWN: _____	US 52/US 231 TRAIL CROSS - SECTIONS	SHEETS of
CHECKED: _____	CHECKED: _____		

JP_PWP:dm\08459\Wetland XS Plot Ref.dgn
23-DEC-2015

Notes: Planting specifications for this area are described in the planting plan for the Western Gateway District Drainage Improvements as specified in the General Notes and Master Legend (LA100), Plant Mixes (LP104), and General Planting Notes (LP105).

Use of erosion control mats, turf reinforcement mats, vegetated coir logs, etc. are encouraged to stabilize the channel in this area, and to meet the expected stable condition prior to energizing the relocated stream channel. These measures are expected to be a part of the Storm Water Pollution Prevention Plan for this project area.

Modification of the 2-stage ditch channel dimensions or native plantings in this area will require approval from the Joint Board and the potential modification of Joint Board acquired USACE 404 and IDEM 401 permits.



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	CITY OF WEST LAFAYETTE, PURDUE UNIVERSITY, & PURDUE RESEARCH FOUNDATION	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE N/A
DESIGNED: _____ DRAWN: _____ CHECKED: _____ CHECKED: _____	PLANTING PLAN STATE STREET	SHEETS 1 of 1

JP_PWP:dms09109\State St Drainage Exhibit.dgn
23-DEC-2015

GENERAL NOTES

1. Contractor shall be responsible for becoming familiar with drawings for all divisions of work.
2. Contractor shall familiarize himself/herself with the project site prior to bidding the work.
3. The base mapping/survey was provided by the Schneider Corporation. Contractor shall field verify all existing conditions and report any discrepancies to the Owner's Representative prior to commencing with work.
4. Contact Indiana 811 (811 or 1-800-382-5544) and all local utility services for utility locations prior to commencing with work.
5. Contractor shall obtain all required permits prior to commencing with work.
6. The Contractor shall coordinate all work and be responsible for all methods, means, sequence and procedures of work.
7. Contractor shall provide all necessary safety measures during construction operations to protect the public according to all applicable codes and recognized local practices.
8. Contractor is required to take due precautionary measures to protect the utility lines shown on the drawings as well as any discovered during the construction process.
9. Contractor shall coordinate access and staging areas with the Owner's Representative.
10. The limit of construction line shown defines the limits of work in this contract. There may be instances where erosion protection devices and utility systems extend beyond the project limits line in order to successfully complete operations and/or tie into adjacent systems.
11. The Contractor shall keep all drainage facilities affected by his construction operations clean and fully operational at all times.
12. Maintain all existing erosion and sediment control measures (silt fence, orange Geo fence and/or other measures) during construction. Provide additional measures as necessary to minimize adverse impacts to the adjacent water bodies, surfaces and storm sewers according to all applicable federal/state laws and regulations.
13. Contractor shall verify existing conditions prior to commencing with work. Notify Owner's Representative of any discrepancy between the plans and actual site conditions. No work shall be done in areas where such discrepancies exist. The contractor shall assume full responsibility for all necessary revisions due to failure to give such notification.
14. Report all existing damage of existing site improvements to the Owner's Representative prior to beginning work. Contractor shall be responsible for all subsequent damage.
15. Contractor shall protect, by whatever means necessary, the existing site improvements to remain. All damaged items shall be replaced or repaired at no additional cost to the Owner. Notify Owner's Representative immediately if any damage occurs.
16. Contractors shall coordinate all work with related trades and the general construction of the project so as not to impede the progress of the work of others or the Contractors own work.
17. Each Contractor shall verify the condition and completeness of all work performed by others in relation to his/her project work responsibilities including the checking of existing elevations or structures prior to initiating construction. The Contractor shall immediately notify the Owner's Representative if any site conditions are incomplete, missing or damaged.
18. All construction debris and removed items shall be disposed of legally off-site unless otherwise indicated on the drawings.
19. Notify Owner's Representative 72 hours in advance of any planned utility interruption.
20. Contractor shall clean the work areas at the end of each working day. All materials, products and equipment shall be stored in an organized fashion.
21. The plans assume that the layout and staking will be accomplished using total stationing / digital methods. Any information provided is intended to support information already contained in CAD files used for documenting layout and staking. CAD files delineating all grading and hardscape elements shown in these plans can be provided to the Contractor upon request.
22. Contractor shall employ skilled personnel and use equipment necessary to ensure that all work is professionally and properly installed and in full compliance with the plans and details.
23. Contractor shall comply with state and local laws and regulations regarding notification of existing gas and oil pipeline company owners. Evidence of such notice shall be furnished to the Owner's Representative prior to commencing with work.
24. Critical root zone for all trees was calculated using the formula: 1'-4" radius of critical root zone per every inch of diameter at breast height.
25. Mulch trails to be field located to miss existing trees and provide smooth transitions to new asphalt trails and existing mulch trails.
26. Trails to be staked for final review by Landscape Architect prior to construction.

MASTER LEGEND

1	CONCRETE
2	ASPHALT MULTI-USE PATH
3	BOARDWALK
4	MULCH TRAIL
5	PEDESTRIAN BRIDGE
6	FORESTED MIX
7	HERBACEOUS GROUND PLANE MIX
8	FORESTED WETLAND MIX
9	FORESTED SLOPE STABILIZATION MIX
10	MEADOW - MIX A
11	MEADOW - MIX B
12	MEADOW - MIX C
13	DECIDUOUS CANOPY TREE
14	EVERGREEN TREE
15	DECIDUOUS UNDERSTORY TREE
16	PROPOSED STREAM CENTERLINE
17	PROPOSED LOW-FLOW CHANNEL BANK
18	PROPOSED HIGH-FLOW CHANNEL BANK
19	PROPOSED CONSTRUCTION LIMIT
20	TREE PROTECTION FENCING
21	BOULDER BENCH
22	BIKE RACK
23	WASTE RECEPTACLE
24	RECYCLING RECEPTACLE
25	PET WASTE DISPOSAL STATION
26	BIRD HOUSE
27	BAT HOUSE
28	BOLLARD

REVISIONS:

DATE:

THE SCHNEIDER CORPORATION (2015)

Schneider
THE SCHNEIDER CORPORATION
West Lafayette Office
3333 Ben Hamilton Blvd., Suite 200
West Lafayette, IN 47906-4157
Telephone: 765.448.6661
Fax: 765.448.6667
www.schneidercorp.com

MKSK

Christopher B. Burke Engineering, LLC

WESTERN GATEWAY DISTRICT DRAINAGE IMPROVEMENTS

WEST LAFAYETTE, INDIANA

GM DEVELOPMENT
6561 NORTH 175 EAST, SPRINGPORT, IN 47386

DATE: 10/22/2015	PROJECT NO.: n15932
DRAWN BY: KNL	CHECKED BY: EDS

SHEET TITLE: GENERAL NOTES AND MASTER LEGEND

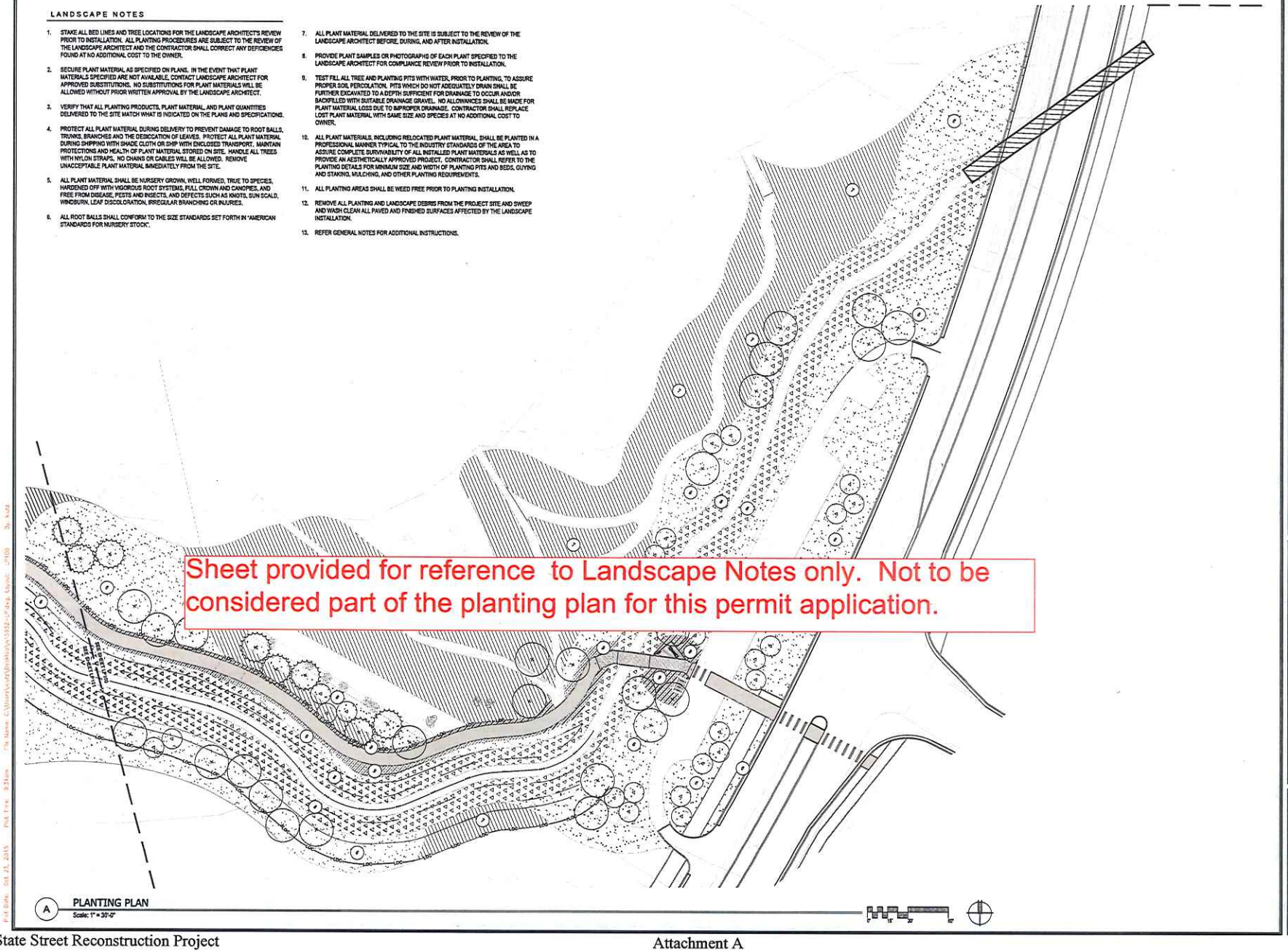
DRAWING FILE:

PRINTED:

SHEET NO.: LA100

LANDSCAPE NOTES

1. STAKE ALL BED LINES AND TREE LOCATIONS FOR THE LANDSCAPE ARCHITECT'S REVIEW PRIOR TO INSTALLATION. ALL PLANTING PROCEDURES ARE SUBJECT TO THE REVIEW OF THE LANDSCAPE ARCHITECT AND THE CONTRACTOR SHALL CORRECT ANY DEFICIENCIES FOUND AT NO ADDITIONAL COST TO THE OWNER.
2. SECURE PLANT MATERIAL AS SPECIFIED ON PLANS. IN THE EVENT THAT PLANT MATERIALS SPECIFIED ARE NOT AVAILABLE, CONTACT LANDSCAPE ARCHITECT FOR APPROVED SUBSTITUTIONS. NO SUBSTITUTIONS FOR PLANT MATERIALS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT.
3. VERIFY THAT ALL PLANTING PRODUCTS, PLANT MATERIAL, AND PLANT QUANTITIES DELIVERED TO THE SITE MATCH WHAT IS INDICATED ON THE PLANS AND SPECIFICATIONS.
4. PROTECT ALL PLANT MATERIAL DURING DELIVERY TO PREVENT DAMAGE TO ROOT BALLS, TRUNKS, BRANCHES AND THE DESICCATION OF LEAVES. PROTECT ALL PLANT MATERIAL DURING SHIPPING WITH SHADE CLOTH OR SHIP WITH ENCLOSED TRANSPORT. MAINTAIN PROTECTIONS AND HEALTH OF PLANT MATERIAL STORED ON SITE. HANDLE ALL TREES WITH NYLON STRAPS. NO CHAINS OR CABLES WILL BE ALLOWED. REMOVE UNACCEPTABLE PLANT MATERIAL IMMEDIATELY FROM THE SITE.
5. ALL PLANT MATERIAL SHALL BE NURSERY GROWN, WELL FORMED, TRUE TO SPECIES, HARDENED OFF WITH VIGOROUS ROOT SYSTEMS, FULL CROWN AND CANOPIES, AND FREE FROM DISEASE, PESTS AND INSECTS, AND DEFECTS SUCH AS KNOTS, SUN SCALD, WINDBURN, LEAF DISCOLORATION, IRREGULAR BRANCHING OR INJURIES.
6. ALL ROOT BALLS SHALL CONFORM TO THE SIZE STANDARDS SET FORTH IN 'AMERICAN STANDARDS FOR NURSERY STOCK'.
7. ALL PLANT MATERIAL DELIVERED TO THE SITE IS SUBJECT TO THE REVIEW OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
8. PROVIDE PLANT SAMPLES OR PHOTOGRAPHS OF EACH PLANT SPECIFIED TO THE LANDSCAPE ARCHITECT FOR COMPLIANCE REVIEW PRIOR TO INSTALLATION.
9. TEST FILL ALL TREE AND PLANTING PITS WITH WATER, PRIOR TO PLANTING, TO ASSURE PROPER SOIL PERCOLATION. PITS WHICH DO NOT ADEQUATELY DRAIN SHALL BE FURTHER EXCAVATED TO A DEPTH SUFFICIENT FOR DRAINAGE TO OCCUR AND/OR BACKFILLED WITH SUITABLE DRAINAGE GRAVEL. NO ALLOWANCES SHALL BE MADE FOR PLANT MATERIAL LOSS DUE TO IMPROPER DRAINAGE. CONTRACTOR SHALL REPLACE LOST PLANT MATERIAL WITH SAME SIZE AND SPECIES AT NO ADDITIONAL COST TO OWNER.
10. ALL PLANT MATERIALS, INCLUDING RELOCATED PLANT MATERIAL, SHALL BE PLANTED IN A PROFESSIONAL MANNER TYPICAL TO THE INDUSTRY STANDARDS OF THE AREA TO ASSURE COMPLETE SURVIVABILITY OF ALL INSTALLED PLANT MATERIALS AS WELL AS TO PROVIDE AN AESTHETICALLY APPROVED PROJECT. CONTRACTOR SHALL REFER TO THE PLANTING DETAILS FOR MINIMUM SIZE AND WIDTH OF PLANTING PITS AND BEDS, GUYING AND STAKING, MULCHING, AND OTHER PLANTING REQUIREMENTS.
11. ALL PLANTING AREAS SHALL BE WEED FREE PRIOR TO PLANTING INSTALLATION.
12. REMOVE ALL PLANTING AND LANDSCAPE DEBRIS FROM THE PROJECT SITE AND SWEEP AND WASH CLEAN ALL PAVED AND FINISHED SURFACES AFFECTED BY THE LANDSCAPE INSTALLATION.
13. REFER GENERAL NOTES FOR ADDITIONAL INSTRUCTIONS.



A PLANTING PLAN
Scale: 1" = 30'-0"

REVISIONS:

DATE:

THE SCHNEIDER CORPORATION (2015)

Schneider
THE SCHNEIDER CORPORATION
West Lafayette Office:
1530 Nw Headquarters Blvd., Suite 203
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WESTERN GATEWAY DISTRICT
DRAINAGE IMPROVEMENTS
WEST LAFAYETTE, INDIANA

GM DEVELOPMENT
6561 NORTH 175 EAST, SPRINGPORT, IN 47386

DATE: 10/22/2015	PROJECT NO.: n15932
DRAWN BY: KNL	CHECKED BY: EDS

SHEET TITLE: PLANTING PLAN

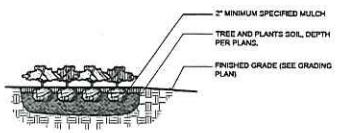
DRAWING FILE:

SHEET(S):

SHEET NO.: LP100

ALL SHRUBS AND GROUNDCOVER MASSES TO USE TRIANGULAR SPACING EXCEPT WHERE NOTED REFER TO PLANT LIST FOR INDIVIDUAL PLANT SPACING 'X'.

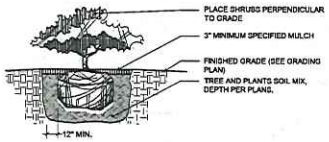
A PLANT SPACING
SCALE: 1/4" = 1'-0"



NOTE: CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS/BEDS PRIOR TO INSTALLATION.

B GROUNDCOVER / PERENNIAL PLANTING
SCALE: 1/2" = 1'-0"

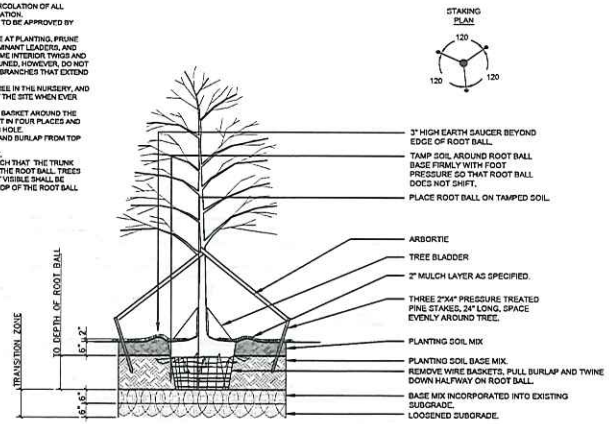
NOTE: CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS/BEDS PRIOR TO INSTALLATION.



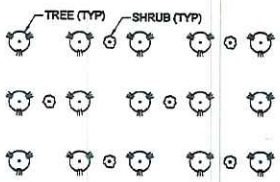
C SHRUB PLANTING
SCALE: 1/2" = 1'-0"

NOTED:

1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
2. FINAL TREE STAKING PLACEMENT TO BE APPROVED BY OWNER.
3. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
4. MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHEN EVER POSSIBLE.
5. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN (8 IN.) INTO PLANTING HOLE.
6. REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM TOP HALF OF ROOTBALL.
7. SET TREE PLUMB IN PLANTING PIT.
8. EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

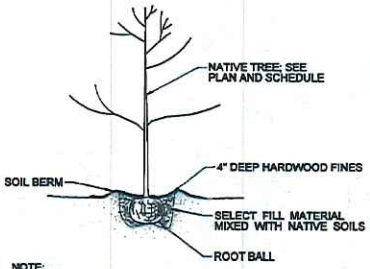


D TREE PLANTING
SCALE: 1/2" = 1'-0"



NOTE:
TREES SHALL BE PLANTED AT 12-FT ON CENTER. SHRUBS SHALL BE PLANTED BETWEEN EVERY OTHER TREE (6-FT FROM THE NEAREST 12-FT O.C. TREE SPACING).

E TREE AND SHRUB SPACING FOR WETLAND MITIGATION AREA
NOT TO SCALE



NOTE:
REMOVE CONTAINER, AND ALL WIRE, STRING, AND TAGS FROM TRUCK AND ROOT BALL.

F TREE PLANTING DETAIL
NOT TO SCALE

GENERAL

BIDDER QUALIFICATIONS
The submitting bidders shall be, and have been, actively and directly engaged in native seed installation for a period of two (2) or more years. Provide proof of five (5) or more successful wetland seed and tree installations.

The submitting bidder must have access to and experiences with a no-till seed drill designed for native seed installations. Such drills are manufactured by Truax, Great Plains, and John Deere, Inc. Hydro-seeding may not be substituted for drill seeding.

ENVIRONMENTAL REQUIREMENTS
Installations shall be performed between September 20 and December 20 or April 1 and June 1.

Under no circumstances shall this site be stabilized with winter rye, grain rye, or winter wheat. These plants produce toxins that inhibit native seed germination.

Site shall have a firm seedbed. If walking compacts soil over ½ inch, the site shall be cultivated.

SEED MATERIALS

All native seed shall be refrigerated for at least 90 days prior to installation. All native seed must be of wild ecotype. No hybrids or cultivars may be included.

Local genotype seed shall be used whenever possible due to its adaptation to local soil and climate. These specifications do not apply to the temporary matrix.

EXECUTION
EXAMINATION
A. Verify that seedbed is sufficiently firm.
B. Verify that the site is clean and free of debris.

PREPARATION AND INSTALLATION
Seeded Areas
If vegetation exists on site, apply a glyphosate herbicide at least three (3) days prior to installation on all actively growing vegetation. Do not herbicide in existing tree plantings. Never apply fertilizer to the site.

Install seed when soil is sufficiently dry so that soil does not stick to the packer wheels on the drill.

Ensure the drill is properly calibrated to sow the specified amount of seed over the specified area. Ensure complete coverage of the specified area.

MAINTENANCE
Mow at a height of 4-6 inches when the oats set seed heads. Mow at a height of 4-6 inches once a month or whenever weed growth reaches 10 inches for the remainder of the first season.

If cool season weed growth is heavy in the spring of the second season, mow once in late May.

Following the second season of growth, native seeded areas may be maintained by annual mowing, prescribed burning, herbicide application, or a combination of the three.

ACCEPTANCE
For acceptance of the system at the beginning of the second full growing season, the following conditions shall be met:

Coverage- 75% of each seeded community shall be covered with vegetation.

Presence- 50% of the seeded species planted should be alive and present.

Abundance- 25% of the seeded vegetation should be native species of the permanent matrix.

TREES AND SHRUBS
TREE AND SHRUB MATERIALS
A. All trees and shrubs must be obtained from the closest available source.
B. Planting shall be performed in the fall during the months of September through November, or in the spring before leaves are present.
C. The above ground portions of each plant shall be healthy and vigorous, and free of disease, discoloration, infestation or deformity.
D. Containers or burlap shall be free of any plant species not specified below; specifically weedy, noxious, invasive, and/or non-native species.

EXECUTION
PREPARATION AND INSTALLATION
Dig a shallow, broad planting hole. Trees and shrubs should be planted approximately 10-feet on-center. Make the hole as wide as two to three times the diameter of the root ball, but only as deep as the root ball. It is important to make the hole wide because the tree roots must push through the surrounding soil to become established.

Remove the tree from the container by gently squeezing or tapping it while slipping the root ball out.

Inspect for circling roots:
1. Fluff out circling roots by scraping around the root ball to free the roots.
2. If you encounter a root too large to straighten with your fingers, remove the root by cutting it out. Make the cut prior to where the root circles, yet as far away from the trunk as possible. Always use a sharp knife or pruners in order to make a clean cut. Refrain from tearing the roots.
3. You have corrected all circling roots once all root tips are headed outward towards the surrounding soils instead.

Inspect root flare depth:
1. If your tree has a widening trunk base above the root ball, then its root flare in the correct location. No visible root flare will necessitate the following steps to locate and correct this issue.
2. Locate the root flare by digging along the trunk of the tree. Look and feel for the widening portion of the trunk.
3. The root flare depth has been corrected once the widening part of the trunk is above the soil line.

Ensure the base of the hole is compacted and free of loose soil:
1. Place the tree in the whole and check the root flare depth to the natural terrain. The flare should be no lower than ground level. Slightly above ground level is okay.
2. Back fill the whole with the same soil from the hole.
3. Water in the back filled soil to accelerate settling soil and eliminate air pockets.

MAINTENANCE
Keep mowing equipment at least 1 foot from trees.

Staking may be necessary especially in high wind conditions. Never support the tree higher than half way up the trunk. Use large bellslike straps attached to stakes positioned two feet away from the tree. Allow the tree to have flexibility and move with the wind.

ACCEPTANCE
For acceptance of the system at the beginning of the second full growing season, the following conditions shall be met:

95% of the planted tree and shrub species should be alive and present.

G PLANTING SPECIFICATIONS
NOT TO SCALE

REVISIONS

DATE:

THE SCHNEIDER CORPORATION (2015)

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WESTERN GATEWAY DISTRICT
DRAINAGE IMPROVEMENTS
WEST LAFAYETTE, INDIANA

GM DEVELOPMENT
6561 NORTH 175 EAST, SPRINGPORT, IN 47386

DATE: 10/22/2015	PROJECT NO.: n15932
DRAWN BY: KNL	CHECKED BY: EDS

SHEET TITLE:
PLANTING DETAILS

DRAWING FILE:
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NOTES:

SHEET NO.:
LZ103

CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(A) SEED MIXES
NOT TO SCALE

SEED BED PREPARATION AND SEEDING

TEMPORARY SEEDBED PREPARATION:

1. Test soil to determine its nutrient levels.
2. Fertilize as recommended by soil testing. If testing is not done, apply 400-600 lbs/acre of 12-12-12 analysis, or equivalent, fertilizer.
3. Work the fertilizer into the soil 2-4 inches deep with a disc or rake operated across the slope.

TEMPORARY SEEDING:

1. Use INDOT Type T seed mixture.
2. Apply seed uniformly with a drill or cultpacker seeder or by broadcasting, and cover to the appropriate depth for the seed used.
3. If drilling or broadcasting, firm the seedbed with a roller or cultipacker.
4. Mulch seeded area to increase seeding success. Anchor all mulch by tackifying.

PERMANENT SEEDBED PREPARATION:

1. Test soil to determine pH and nutrient levels.
2. If soil pH is unsuitable for the species to be seeded, apply lime according to test recommendations.
3. Till the soil to obtain a uniform seedbed, working the fertilizer and lime into the soil 2-4 inches deep with a disc or rake operated across the slope.

PERMANENT SEEDING:

Optimum seeding dates are March 1 through May 10 and August 10 through September 30. Permanent seeding done between May 10 and August 10 may need to be irrigated. As an alternative, use temporary seeding until the preferred date for permanent seeding.

1. Use permanent seed mixture on site location as specified.
2. Apply seed uniformly with a hydroseeder, drill or cultipacker-seeder, or by broadcast, and cover to a depth of 1/4 to 1/2 inch.
3. If drilling or broadcasting, firm the seedbed with a roller or cultipacker.
4. Mulch all seeded areas that do not receive erosion control blanket and anchor with a tackifyer. Use erosion control blankets on areas sloping 4:1 or steeper if erosion becomes becomes a problem or if directed by the engineer. (Note: If seeding is done with a hydroseeder, fertilizer and mulch can be applied with the seed in a slurry mixture).

MAINTENANCE

Inspect periodically, especially after storm events, until the stand is successfully established (characteristics of a successful stand include: vigorous dark green or blue-ish green seedings; uniform density with nurse plants, legumes, and grasses well intermixed; and the perennials remaining green throughout the summer, at least at the plant base). Add fertilizer the following growing season according to soil test recommendation. Repair damaged, bare, or sparse areas by filling any gullies, refertilizing, over- or reseeding. If plant cover is sparse or patchy, review the plant material chosen,soil fertility, moisture condition, and mulching: then repair the affected area either by over-seeding or reseeding and mulching after re-preparing the seedbed. If vegetation fails to grow, perform soil testing to determine acidity or nutrient deficient problems. If additional fertilization is needed to get a satisfactory stand, do so according to soil test recommendations.

WARRANTY PERIOD

1. Contractor is required to establish and maintain for one year the specified stand of grasses and legumes. If during the warranty period, it becomes evident that any particular species is absent or weak, the Contractor shall take all steps necessary to meet the specifications, at no additional cost to the Owner. The Contractor shall utilize all measures he deems necessary to establish this vegetation, including the use of appropriate nurse or cover crops on the project areas.
2. Inasmuch as soil erosion is critical on this project, the Contractor shall take all necessary measures to prevent and repair any erosion areas for a period of one (1) year after the date of final completion. In the event erosion and/or seed failure is observed, the Contractor shall be notified in writing and will have a period of thirty (30) days to take measures to stabilize the affected area to the satisfaction of the owner. The actual area of erosion and extent of the repair or prevention shall be at the discretion of the Owner.

SEEDING NOTES:

1. For best results: (A) Legume seed should be innoculated; (B) Seeding mixtures containing legumes should preferably be spring-seeded, although the grass may be fall-seeded, and (C) If legumes are fall-seeded, do so in early fall.
2. An oat or wheat companion or nurse crop may be used with any of the permanent seeding mixtures; See "A" this schedule. If so, it is best to seed during the fall seeding period, especially after September 15, and at the following rates:

   Spring Oats — 1/4 to 3/4 BU./acre
   Wheat — No more than 1/2 BU./acre

A = Kentucky 31 Fescue 60 lbs./acre
Perennial Rye Grass 40 lbs./acre
Jasper Red Fescue 10 lbs./acre
Ladino Clover 2 lbs./acre

B = Add 50% more seed to mixtures in "A" above.
C = INDOT Type "T" temporary seed mix.
D = Straw mulch at 2 1/2 tons/acre with liquid binder.

"///" = Irrigation needed during June, July, and or September.
"**" = Irrigation needed for 2 to 3 weeks after applying sod.

TEMPORARY/PERMANENT SEEDING SCHEDULE AND NOTES

STABILIZATION PRACTICE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDING			A—	—	*/////////	///*		**	*///>			
DORMANT SEEDING											B—	—
TEMPORARY SEEDING	C—	—	—	—	C///////	///*		**	C—	—		
MULCHING	D—	—	—	—	—	—	—	—	—	—	—	—

(B) TEMPORARY/PERMANENT SEEDING SCHEDULE AND NOTES
NOT TO SCALE

REVISIONS:

DATE:

THE SCHNEIDER CORPORATION (2015)

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