



## ADDENDUM #TWO

**Date:** October 21, 2009  
**Project:** Cumberland Avenue Reconstruction Phase I  
**TSC Job Number:** 5954.002  
**Distribute To:** All Bidders of record, City of West Lafayette, and The Schneider Corporation

TO ALL BIDDERS OF RECORD:

The following addendum indicates revisions, additions, and deletions from the original bid information, project manual, and construction drawings, dated September 24, 2009. This addendum forms a part of these documents. Acknowledge receipt of this addendum by inserting its number on your bid proposal form. Failure to do so may subject the bidder to disqualification.

GENERAL	
Item	DESCRIPTION
1	Plan holders list as of 10/21/09 9:00 am (local) is attached.
2	Bid form Section 00300 is provided. The following Item No's including but not limited to have been either modified, included and/or removed: 3000, 3002, 3015, 3016, 3019, 3021, 3022, 3023, 3024, and 3025.

CONTRACTOR QUESTIONS	
Item	DESCRIPTION
1	Under the base bid there are no permanent seeding items. What will happen to the temporary seeding areas if no alternates are accepted?  <i>Response: If no alternates are selected, permanent seeding based on stormwater pollution prevention specifications will be placed. The bid form (Section 00300) has been updated to reflect the required permanent seeding under the base bid Item No. 32 and removed from Alternate #2, Item No 2022.</i>
2	Under Alternate #2 sodding is set up in Sft, is this correct or should it be sys?  <i>Response: Item No. 2023 Sod should be bid based UOM SFT (square feet).</i>
3	Under Alternate #4 there is pay items for Erosion Control Blanket in sft, is this correct or should it be sys?  <i>Response: Item No. 4001 Erosion Control Blanket should be bid based on UOM SFT (square feet).</i>

**CONTRACTOR QUESTIONS**

Item	DESCRIPTION
4	<p>Under Alternate #4 there is a pay items for Wetland Plantings Plugs but nowhere is there a list of plant plugs that are required in this area. Also on this item where did the quantity come from as 6900 sft is .158 acre and on sheet 81 of the plans zone 1 &amp; 2 call for .1 acre of plugs each. That is a total of 8712 sft.</p> <p><i>Response: The list of wetland plantings is provided on sheet 87. Sheet 81 has been updated with respect to the legend (refer to drawing ADD2-C1 (81)) to refer to sheet 87 in lieu of sheet 85. The acreage indicated on sheet 81 is approximate as identified by the +/- symbol. The quantity has been revisited by delineating each zone and determined to be 7,610 SFT (square feet). The attached bid form (Section 00300) Item No. 4003 has been adjusted and the excel file reposted on the project ftp site. See attached document for ftp site information.</i></p>
5	<p>Under Alternate #4 there is a pay item for Wetland Seeding in sft, is this correct or should it be in sys? Either way where do you get this quantity as on page 81 of the plans zones 3 – 5 are wetland seeding and that quantity comes up to 2.61 Acre or 12632 Sys.</p> <p>Please clarify size of pond seeding. Item 4008, Wetland Seeding, indicates 14,600 square feet of seeding area. Does this include the seeding for each of the seeding zones (zones 3, 4, and 5) indicated on sheet 81 of 92?</p> <p><i>Response: Item No. 4008 Wetland Seeding should be bid based UOM SYS (square yards). The attached bid form (Section 00300) has been adjusted. The 14,600 represents the delineation for zones 3, 4 and 5. The acreages noted on the plan sheets are approximate.</i></p>
6	<p>On sheet 80 of the plans it shows an area as future annual bed with material provided by others. Is the landscape contractor going to be required to install these annuals? If so what pay item does this go under?</p> <p><i>Response: The material and installation of the future annual bed will be provided by others outside this contract.</i></p>
7	<p>Is there any information concerning the existing storm sewer that will need to be removed? I am looking for information concerning pipe size, structure size, depth, etc.</p> <p><i>Response: Refer to B100-B108 Topographic Survey for information requested. More specifically sheet B100 for the Structure Inventory.</i></p>
8	<p>Pay items 42 and 43 are for temp seeding and fertilizer for temp seeding. Will there be a pay item for Mulching material for the temporary seeding or should this be added to these pay items?</p> <p><i>Response: There is an Item No. 12 on the bid form (Section 00300) that provides for this.</i></p>
9	<p>Are items #27 and #29 for the same area around the roundabout? If yes, it's kind of the same item, you are imprinting as you go. I'm not sure how to break that out and not lose something if you decide to do something different with the items. Would you consider making that one item in itself? I'm assuming that the description for item #27 should also read COLORED concrete (or maybe that's just a given)?</p> <p><i>Response: These items could have been combined but the approach was utilized in case the contractor elected to engage a subcontractor for this work. It is implied that the concrete is "colored" based on specification requirements. Refer to Section 617.08.</i></p>

CONTRACTOR QUESTIONS	
Item	DESCRIPTION
10	<p>On sheet 51, in the concrete island, what is the symbol (H) for?</p> <p><i>Response: H is a symbol for signal hand hole. Drawing ADD2-C12 (50) is included with this addendum.</i></p>
11	<p>On sheet 51, it looks like the quantities for the ramp (G) &amp; road patch are in the base bid, is that correct or is it in Alternate #3? If it's in the base bid, will you still be doing that ramp if Alternate #3 is not accepted?</p> <p><i>Response: Ramp G should be in alternate bid #3. HMA for patching has been changed to HMA for widening and is in alternate bid #3 only. Ramp G pay item was moved to Alternate #3. Ramp G is not necessary if Alternate #3 is not selected and has been removed from the bid form Item No. 32 and moved to Item No. 3025. Bid form relative to Alternate #3 has been modified based on this response.</i></p>
12	<p>Is there a detail or spec for the bollards?</p> <p><i>Response: Item No. 28 bollards shown on sheet 54 additional information has been provided with this addendum. Refer to drawings ADD2-C2 (52), ADD2-C8 (54) and ADD2-C9 (54) and below for additional information and details. The bid form (Section 00300) has been updated to reflect the quantity 2 EA (each). Item No. 96 has been inserted to account for the two bollards to be reused.</i></p>
13	<p>West Lafayette typically includes the excavation and stone backfill for walks, drives, etc in that sidewalk, driveway, etc item. Are we supposed to bid the item that way or are we supposed to bid it the INDOT way where the excavation is in the excavation item. The stone is in the stone item, the sidewalk is in the sidewalk item? I didn't see anywhere that specifically explained that.</p> <p><i>Response: The contract documents have been prepared such that the bid should be prepared broken out as noted in the latter part of the question consistent with INDOT standard specifications.</i></p>
14	<p>You don't want the integral curb (13), that is integral with the colored concrete, to be colored do you?</p> <p><i>Response: No, the integral curb is to remain uncolored.</i></p>
15	<p>Even though the curb ramps may not scale out to a typical INDOT curb ramp, we should bid them as a standard INDOT ramp, correct? It makes a big difference in the way we build the ADA bump areas at the bottom of the ramp. (ie. The type C's aren't square, like they are drawn. The Type L's are only 5.25' wide per INDOT spec - they scale out at 10' wide on the drawings, ...). If they truly are different would you note them as a L modified or something and explain how they are different.</p> <p><i>Response: The ramps utilized on the 10-foot trail are modified and should be constructed per plan. Utilize the standard INDOT drawings with the understanding that only the width has changed.</i></p>
16	<p>The L ramp in US 52 is dimensioned at 10' wide. Do you want the ADA bumps 10' wide or stay with the typical drawing?</p> <p><i>Response: ADA truncated dome plate should be 10-foot wide.</i></p>
17	<p>How many years of maintenance should be included in the bid for Alternate #4.</p> <p><i>Response: The term of the maintenance program for Item No 2024 Alternate 2 and Item No 4019 Alternate 4 is to be for 2 years.</i></p>

CONTRACTOR QUESTIONS	
Item	DESCRIPTION
18	<p>The panel schedule does not show a breaker for the TVSS. And if one is installed this will lessen the amount of spare spaces in this panel. Do we need to bid the panel as the plan shows?</p> <p><i>Response: Provide a breaker for TVSS and reduce the number of spares.</i></p>
19	<p>Please provide further clarification regarding the type of bond to be provided.</p> <p><i>Response: Standard form to be provided by a bonding company licensed in the State of Indiana, minimum Class A rated.</i></p>

PROJECT MANUAL	
Item	DESCRIPTION
<b>ADD#2 – PM#1</b>	<p>Replace Section 104.04 with the following:</p> <p>104.04 MAINTENANCE OF TRAFFIC: The contractor will be responsible for adequate maintenance of traffic measures throughout construction operations and follow the maintenance of traffic details laid out in the plans. All barrels, cones, barricades, flagmen, and other associated items shall be provided to protect the workmen and the public. The contractor shall provide adequate means to safely direct traffic past the point of construction, and shall provide for safely conducting traffic at all other points that are affected by the work, at all times. Prior to the start of work, the contractor shall provide a traffic maintenance plan for engineering approval. Work can only commence after a traffic maintenance plan has been approved. The contractor also needs to coordinate maintenance of traffic with INDOT for work in and around state roads.</p> <p>Any and all closures and all lane restrictions shall be reviewed and approved by the Owner. Access to all property shall be maintained, and any times where there is a loss of access, the contractor shall coordinate with the property owner and/or occupant(s). When requested by the City, the contractor will provide adequate notification to the media and any property owners prior to commencing work in a given area.</p> <p>Maintenance of traffic for non-road work activities (alternates) such as installation of the Monument Signs, Placing the Irrigation System, Placing the Landscaping and other activities that require work or work trucks in the roadway after the roadway has been opened up to traffic shall require the use and placement of a flashing arrow board and a minimum of 180' of cones in front of the arrow board demarcating the narrowing of the lane. A flagman shall be necessary if the work requires crossing the pavement. The cost of maintaining traffic shall be included in the cost of all other items in the alternate bid responsible for this work for this project.</p>

**PROJECT MANUAL**

Item	DESCRIPTION
<b>ADD#2 – PM#2</b>	<p>Replace Section 610.03 with the following (bid form Section 00300 Item No 26 has been revised):</p> <p>610.03      GENERAL REQUIREMENTS: Concrete drive approaches shall be formed and placed in accordance with Indiana Department of Transportation Standard Specifications Section 610 as well as West Lafayette Standard Specifications. All drive approaches shall be eight inches (8") thick, match existing width unless otherwise instructed by Engineer, and be placed on at least six inches (6") compacted granular fill. Drive approaches shall be reinforced with wire mesh or fiber reinforcing. Exact look of drive approaches will be determined by Engineer. This item shall be paid for at the contract unit price for "PCCP for Approaches, 8""", per square yard. Curb in front of approaches shall be paid for at the contract unit price for "Concrete Curb (Includes Curb for Ramps and Approaches)", per linear foot. If the contractor elects not to pour the curbs through the approach, then the contractor will be responsible for placing dowels between the curbs and the driveway. Dowel placement will be determined by the Engineer.</p>

**DRAWINGS**

Item	Sheet	DESCRIPTION
1	<b>ADD2-C1 (81)</b>	Refer to attached Drawing ADD2-C1 (81) for updated Legend relative to Contractor Question 4 above. Also, note the addition of the "Native Signage". The bid form (Section 00300) has been update as well.
2	<b>ADD2-C2 (52)</b>	Refer to attached Drawing ADD2-C2 (52) for updated information relative to trail signage and bollards. This is in conjunction with Contractor Question 12. The bid form (Section 00300) has been update as well.
3	<b>ADD2-C3 (52)</b>	Refer to attached Drawing ADD2-C3 (52) for updated information relative to trail bollards. This is in conjunction with Contractor Question 12. The bid form (Section 00300) has been update as well.
4	<b>ADD2-C4 (52)</b>	Refer to attached Drawing ADD2-C4 (52) for updated information relative to trail signage. The bid form (Section 00300) has been update as well.
5	<b>ADD2-C5 (52)</b>	Refer to attached Drawing ADD2-C5 (52) for updated information relative to trail signage and bollards. This is in conjunction with Contractor Question 12. The bid form (Section 00300) has been update as well.
6	<b>ADD2-C6 (53)</b>	Refer to attached Drawing ADD2-C6 (53) for updated information relative to trail signage. The bid form (Section 00300) has been update as well.
7	<b>ADD2-C7 (53)</b>	Refer to attached Drawing ADD2-C7 (53) for updated information relative to trail signage. The bid form (Section 00300) has been update as well.
8	<b>ADD2-C8 (54)</b>	Refer to attached Drawing ADD2-C8 (54) for updated information relative to trail signage and bollards. This is in conjunction with Contractor Question 12. The bid form (Section 00300) has been update as well.

<b>DRAWINGS</b>		
<b>Item</b>	<b>Sheet</b>	<b>DESCRIPTION</b>
9	<b>ADD2-C9 (54)</b>	Refer to attached Drawing ADD2-C9 (54) for updated information relative to trail signage and bollards. This is in conjunction with Contractor Question 12. The bid form (Section 00300) has been update as well.
10	<b>ADD2-C10 (51)</b>	Refer to attached Drawing ADD2-C10 (51) for modification to Alternate #3.
11	<b>ADD2-C11 (51)</b>	Refer to attached Drawing ADD2-C11 (51) for modification to Alternate #3.
12	<b>ADD2-C12 (50)</b>	Refer to attached Drawing ADD2-C12 (50) for modification to Alternate #3.

**END OF ADDENDUM #TWO**

## SECTION 00300

**BID PROPOSAL FORM  
CUMBERLAND AVENUE RECONSTRUCTION PHASE I**

Each contractor shall complete this form and submit it with his bid. The Total Base Bid amount should include the cost necessary to complete all work described by these documents. Unit prices shall apply to addition or deductions, by change order, to the contract as required/requested by the Owner.

ITEM No.	ITEM NAME	QUANTITY	Unit Price	UOM		TOTAL PRICE
<b>GROUP 1: ITEMS FOR ROAD CONSTRUCTION</b>						
1	Construction Engineering	1		LS	=	
2	Mobilization and Demobilization	1		LS	=	
3	Clearing Right of Way	1		LS	=	
4	Sidewalk, Concrete, Remove	1380		SYS	=	
5	Pavement Removal	8661		SYS	=	
6	Curb, Concrete, Remove	8850		LFT	=	
7	Sign, Sheet Remove	17		EA	=	
8	Excavation, Common	20978		CYS	=	
9	Excavation, Unclassified, Undistributed	500		CYS	=	
10	Temporary Erosion and Sediment Control, Drop Inlet Protection	15		EA	=	
11	Temporary Erosion and Sediment Control, Curb Inlet Protection	7		EA	=	
12	Temporary Mulching	3		TON	=	
13	Temporary Silt Fence	4205		LFT	=	
14	Concrete Washout for SWPPP	2		EA	=	
15	Equipment Refueling, Storage and Staging Area	1		EA	=	
16	Structure Backfill, Type 1	2655		CYS	=	
17	Compacted Aggregate, No. 53, Base	8150		TON	=	
18	Recycled Concrete Aggregate, 7 In.	2206		TON	=	
19	HMA Surface, Type A	227		TON	=	
20	HMA Surface, Type B	891		TON	=	
21	HMA Intermediate, Type A	378		TON	=	
22	HMA Intermediate, Type B	1484		TON	=	
23	HMA Base, Type B	2456		TON	=	
24	QC/QA-HMA, 5, 76, BASE, OG, 25.0 mm	3422		TON	=	
25	Asphalt for Tack Coat	8		TON	=	
26	PCCP, 8 In.	736		SYS	=	
27	Concrete Imprinting	218		SYS	=	

00300-1

CUMBERLAND AVENUE RECONSTRUCTION PHASE I

ITEM No.	ITEM NAME	QUANTITY	Unit Price	UOM		TOTAL PRICE
28	Bollard	2		EA	=	
29	PCCP, 7 In (Roundabout Truck Apron)	218		SYS	=	
30	Curb Ramp, Concrete, C	56		SYS	=	
31	Curb Ramp, Concrete, L	76		SYS	=	
32	Mulched Seeding Type U (undistributed)	10261		SYS	=	
33	Sidewalk Concrete, 4 In.	613		SYS	=	
34	6 In. Barrier Curb	3293		LFT	=	
35	Combined Concrete Curb and Gutter, Type III	5061		LFT	=	
36	Curb, Integral	358		LFT	=	
37	Combined Concrete Curb and Gutter, Type III, Modified	950		LFT	=	
38	Combined Concrete Curb and Gutter, Type II, Modified	358		LFT	=	
39	Concrete Curb Turnout	16		EA	=	
40	Temporary Construction Entrance	1		EA	=	
41	Mobilization and demobilization for Temporary Seeding	3		EA	=	
42	Fertilizer	0.22		TON	=	
43	Seed Mixture, T	225		LBS	=	
44	Sediment Remove, Undistributed	1		LS	=	
45	Pipe, Type 4, Circular, 6 In.	4910		LFT	=	
46	Reinforced Concrete Pipe, 12 In.	673		LFT	=	
47	Reinforced Concrete Pipe 15 In.	197		LFT	=	
48	Reinforced Concrete Pipe, 18 In.	231		LFT	=	
49	Reinforced Concrete Pipe, 21 In	495		LFT	=	
50	Pipe Abandoned by flowable fill or removed with backfill	2173		LFT	=	
51	Reinforced Concrete Pipe, 30 In.	699		LFT	=	
52	Reinforced Concrete Pipe, 48 In.	169		LFT	=	
53	Reinforced Concrete Pipe, 54 In.	378		LFT	=	
54	Concrete Pipe End Section, 54 In.	1		EA	=	
55	Aggregate for Underdrains	352		CYS	=	
56	Geotextiles for Underdrain	5120		SYS	=	
57	Ditch Inlet	8		EA	=	
58	Manhole, A	14		EA	=	
59	Manhole, B	4		EA	=	
60	Manhole, D	2		EA	=	
61	Double Curb Inlet	1		EA	=	
62	Manhole, Type E	4		EA	=	

00300-2

ITEM No.	ITEM NAME	QUANTITY	Unit Price	UOM		TOTAL PRICE
63	Curb Inlet	5		EA	=	
64	Casting EJ1022-1	15		EA	=	
65	Casting EJ 7030 w/ T-1Back & M2 Grate	10		EA	=	
66	Casting EJ1020-1 & Type 2 Grate	3		EA	=	
67	Casting EJ 6610	10		EA	=	
68	Casting EJ5080 w/ M-1 Grate	1		EA	=	
69	Animal Guard	3		EA	=	
70	Construction Sign, B	10		EA	=	
71	Construction Sign C	4		EA	=	
72	Road Closure Sign Assembly	11		EA	=	
73	Detour Route Marker Assembly	11		EA	=	
74	Construction Sign A	15		EA	=	
75	Maintaining Traffic	1		KS	=	
76	Barricade, III-A	276		LFT	=	
77	Temporary Traffic Barrier, Barrels	960		LFT	=	
78	Sign, Sheet, Encapsulated Lens with Legend, 0.080 In. Thickness	192		SFT	=	
79	Sign, Sheet, Encapsulated Lens with Legend, 0.100 In. Thickness	73		SFT	=	
80	Sign Post, A	754		LFT	=	
81	Transverse Markings, Thermoplastic, Crosswalk, White, 24 IN.	360		LFT	=	
82	Transverse Markings, Thermoplastic, Yield Line, 27 In.	47		LFT	=	
83	Line, Thermoplastic, broken, White, 4 In.	85		LFT	=	
84	Line, Thermoplastic, solid, White, 12 IN	3166		LFT	=	
85	Line, Thermoplastic, Broken, White 12 In.	84		LFT	=	
86	Line, Thermoplastic, Solid, Yellow, 4 in	4445		LFT	=	
87	Transverse Markings, Thermoplastic, Stop Line, 24 In.	41		LFT	=	
88	Pavement Message Markings, Thermoplastic, Lane Indication Arrow	4		EA	=	
89	Pavement Message Markings, Thermoplastic, Word, (ONLY)	2		EA	=	
90	Line, Thermoplastic, Solid, White, 6 In.	595		LFT	=	
91	Line, Thermoplastic, Solid, Yellow, 6 In	360		LFT	=	
92	Utility Relocation & Coordination	1		LS	=	
93	Transit Shelter	1		LS	=	
94	Concrete Pad for Transit Shelter	3.6		SYS	=	
95	Structure, Adjusted to Grade	6		EA	=	
96	Bollard, Reuse	2		EA	=	
				TOTAL	=	

00300-3

ITEM No.	ITEM NAME	QUANTITY	Unit Price	UOM	TOTAL PRICE
<b>ALTERNATE BID #1: ITEMS FOR STREET LIGHTING</b>					
1000	Lighting	1		LS	=
<b>TOTAL</b>					=
<b>ALTERNATE BID #2: ITEMS FOR LANDSCAPING</b>					
2000	Seeding, Low Profile Prairie Mix	3497		SYS	=
2001	Tree Relocation	20		EA	=
2002	Mobilization and demobilization for Landscape Seeding	1		EA	=
2003	Red Sunset Red Maple	19		EA	=
2004	Karl Foresters Feather Reed Grass	313		SFT	=
2005	Common Hackberry	15		EA	=
2006	Prezarn Hawthorn	14		EA	=
2007	Purple Wintercreeper	827		SFT	=
2008	Kentucky Coffee Tree	18		EA	=
2009	Daylillies	277		EA	=
2010	Double Shredded Hardwood Mulch	4406		SFT	=
2011	American Sweetgum	18		EA	=
2012	Big Blue Lily Turf	110		EA	=
2013	Fozam Crabapple	9		EA	=
2014	Mazam Crabapple	16		EA	=
2015	Winter Gem Boxwood	8		EA	=
2016	Common Daffodil	764		EA	=
2017	Hameln Dwarf Fountain Grass	133		EA	=
2018	Swamp White Oak	2		EA	=
2019	Shawnee Brave Baldcypress	4		EA	=
2020	Tennessee River Stone	13884		SF	=
2021	Irrigation System	1		LS	=
2022	Not used				=
2023	Sod	6700		SFT	=
2024	Landscape and Irrigation Maintenance	1		LS	=
<b>TOTAL</b>					=
<b>ALTERNATE BID #3: ITEMS FOR INDOT PEDESTRIAN REFUGE &amp; SIGNAL MODIFICATION</b>					
3000	Curb and Gutter, Concrete, Roll	120		LFT	=
3001	Pedestrian Signal Head with International Symbols, 18 In	6		EA	=
3002	Curb Ramp, Concrete, L	18		SYS	=
3003	Signal Cable, 5C 14 GA	352		LFT	=
3004	Signal Cable, 3C 14 GA	352		LFT	=
3005	Signal Cable, 2C 14 GA	183		LFT	=

00300-4

ITEM No.	ITEM NAME	QUANTITY	Unit Price	UOM		TOTAL PRICE
3006	Saw Cut for Roadway Loop and Sealer	480		LFT	=	
3007	Signal Cable 1C 14 GA	1352		LFT	=	
3008	Conduit, Steel, Galvanized, 2 in., Underground	144		LFT	=	
3009	Pedestrian Push Button with Sign	2		EA	=	
3010	Signal Pedestal, 4 Ft	2		EA	=	
3011	Pedestrian Signal Pedestal Foundation A	2		EA	=	
3012	Signal Detector Housing	3		EA	=	
3013	Signal Handhole	1		EA	=	
3014	Signal Handhole, Adjust to Grade	1		EA	=	
3015	Borrow / Fill	46		CYS	=	
3016	Sodding	49		SYS	=	
3017	HMA Surface, Type A for Ped Path	1		TONS	=	
3018	HMA Intermediate, Type A for Ped Path	2		TONS	=	
3019	HMA for Widening	32.3		TONS	=	
3020	Curb & Gutter, Concrete, Type III	33		LFT	=	
3021	Compacted Aggregate, No. 53, Base, 3.5"	16.4		TONS	=	
3022	Recycled Concrete Aggregate, 3 In.	14.1		TONS	=	
3023	INDOT Inlet Type D-6	1		EA	=	
3024	Pipe, Type 2, 12"	50		LFT	=	
3025	Curb Ramp, Concrete, G	19		SYS	=	
				<b>TOTAL</b>	<b>=</b>	
<b>ALTERNATE BID #4: POND WORK</b>						
4000	Excavation, Common	5862		CYS	=	
4001	Erosion Control Blanket	13600		SFT	=	
4002	Riprap Shoot for SWPPP	32		TONS	=	
4003	Wetland Plantings, Plugs	6900		SFT	=	
4004	Heritage River Birch	15		EA	=	
4005	Double Shredded Hardwood Mulch	800		SFT	=	
4006	Scotch Pine	10		EA	=	
4007	Shawnee Brave Baldcypress	7		EA	=	
4008	Wetland Seeding	14600		SFT	=	
4009	Geotextiles	225		SYS	=	
4010	Pipe, Type 2, Circular, 12 In.	93		LFT	=	
4011	Pipe, Type 2, Circular, 15 In.	52		LFT	=	
4012	Pipe End Section, Precast Concrete, 12"	2		EA	=	
4013	Pipe End Section, Precast Concrete, 15"	4		EA	=	
4014	Riprap, Class 1	60		TON	=	

00300-5

ITEM No.	ITEM NAME	QUANTITY	Unit Price	UOM		TOTAL PRICE
4015	HMA Surface Type A, For Trail	6.1		TON	=	
4016	HMA Intermediate, Type A for Trail	10.2		TON	=	
4017	Animal Guard	6		EA	=	
4018	Orifice Plate	1		EA	=	
4019	Maintenance of Pond Plantings	1		LS	=	
4020	Clearing and Grubbing	1		LS	=	
4021	Concrete, Remove	110		SY	=	
4022	Pipe Abandoned by flowable fill or removed with backfill	100		LFT	=	
TOTAL						=
<b>ALTERNATE BID #5: MONUMENT SIGNS</b>						
5000	SIGN	1		LS	=	\$100,000
TOTAL						=
<b>ALTERNATE BID #6: PIPE VIDEO INSPECTION</b>						
6000	Video Inspection of Pipes	2562		LFT	=	
6001	Video Inspection of Underdrains	4837		LFT	=	
TOTAL						=

CONTRACTOR \_\_\_\_\_

**TOTAL BID PRICE** (Total of all Contract Item Prices not including Alternates #1-6)

\_\_\_\_\_ (amount in words)

\$ \_\_\_\_\_ (amount in figures)

Schedule of Alternates:

See Section 00200 – Instructions to Bidders for further clarification of Alternates. If scope of work does not add or deduct cost indicate as \$0.00. Indicate whether amount is an “Add” or “Deduct” by circling the correct one.

Alternate No. 1 - STREET LIGHTING

(Add / Deduct) Dollars (\$ \_\_\_\_\_)

Alternate No. 2 – LANDSCAPING

00300-6

CUMBERLAND AVENUE RECONSTRUCTION PHASE I

(Add / Deduct) Dollars (\$\_\_\_\_\_)

Alternate No. 3 - INDOT PEDESTRIAN REFUGE & SIGNAL MODIFICATION

(Add / Deduct) Dollars (\$\_\_\_\_\_)

Alternate No. 4 - POND WORK

(Add / Deduct) Dollars (\$\_\_\_\_\_)

Alternate No. 5 - MONUMENT SIGN

(Add / Deduct) Dollars (\$\_\_\_\_\_)

Alternate No. 6 - PIPE VIDEO INSPECTION

(Add / Deduct) Dollars (\$\_\_\_\_\_)

**RECEIPT OF ADDENDUM (NUMBERS) \_\_\_\_\_**

**Additional Provisions**

1. Bidder acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.
2. Bidder agrees that once the Notice to Proceed is issued, work will be substantially complete by October 1, 2010.
3. The following documents are attached to and made a condition of this Bid:
  - a. Required Bid Security in the amount of five percent (5%) of the Bid in the form of a certified or cashier's check, or a bid bond. The Bid Security will be retained or returned in accordance with Article 8 of the Instructions to Bidders.
  - b. Required executed copy of Bidder's Qualification Statement with supporting data.
  - c. Required Bidder's Financial Statement.
4. The terms used in this Bid which are defined in the General Conditions or Instructions to Bidders will have the meanings indicated in the General Conditions or Instructions to Bidders.

00300-7

5. Accompanying this Bid is a certified check, a bank cashier's check, or bid bond which shall become the property of the City of West Lafayette, Indiana, if this Bid shall be accepted by the City of West Lafayette, Indiana, and the undersigned bidder fails to furnish the required bonds and insurance within fifteen (15) days and to enter into a Contract within thirty (30) days after the City's acceptance of this Bid.

IN WITNESS WHEREOF, this Bid is hereby signed and sealed as of the date indicated.

Date: \_\_\_\_\_ Bidder:  
By: \_\_\_\_\_  
\_\_\_\_\_  
Printed name of signer  
\_\_\_\_\_  
Title of signer

END OF SECTION

00300-8

**Excel File for Bid Form can be found at the following location:**

**New FTP Account Created:**

One-click link:

<ftp://CumberlandPhI:Bidding@ftp.schneidercorp.com/>

Username= **CumberlandPhI**

Password= **Bidding**

Server=<ftp.schneidercorp.com>

**Remember:** All files will be automatically purged after 14 days from the date uploaded.



The Schneider Corporation  
 1330 Win Hentschel  
 West Lafayette, IN 47906  
 (765)448-6661 Phone  
 (765)448-6665 Fax

Project: Cumberland Avenue Reconstruction Phase I Job No.: 5954.002  
 Owner: The City of West Lafayette Deposit: \$100.00  
 Bid Advertisement: 9/30/2009 10/7/2009 Refund: Refundable (\$100.00)  
 Bid Date: October 23, 2009 - 4:00 pm local time at City Hall (Clerk-Treasurers Office) - West Lafayette, IN  
 Pre-Bid Meeting: October 9th, 2009 - 9:00 am local time at The Schneider Corporation - West Lafayette, IN  
 Addenda Dates:

Set #	ADDENDA				PLAN HOLDER Name - Address - Phone - Fax	DEPOSIT			DOCUMENTS	
	1	2	3	4		Date Recvd	Amount	Type of Pymt	Date Issued	Date Returned
1	10/10 FAX				Michael Bennet / 3301 S. CR 460 E / 772-7560 / 772-7541	10-1	200.00	check	10/1/09	
2	10/10 FAX				Michael Bennet (per BmF)					
3	10/10 FAX				8900 Keystone Crossing, Suite 540 Indianapolis IN 46240 317-277-9110 / 317-571-8201 McGraw Hill (pickup from TSC-2104)	N.A.	N.A.	N.A.	10/5/09	
4	10/10 FAX				3425 OFARRELL RD. STE 1 / 765-447-2324 Will Shedwick - Rich Riley - Lafayette	10-5	100.00	check	10/5/09	
5	10/10 FAX				Bidtool.net / A Construction Data Company Attn: Jill Harding One Oakbrook Terrace, Suite 510 Oak Brook Terrace, IL 60191 / 888-506-7613	N/A	N/A	N/A	10/5/09	10/8/09
6	10/10 FAX				Atlas - JANICE LOUPT 710S-409-4800	10/5	100.00	check	10/5/09	
7	10/10 FAX				F&K Construction Inc. 2055 W 150 S Flora IN 46929-9240	10/5 via mail	100.00 25.00	check check	10/5/09 via WBS	
8	10/10 FAX				Mid-States General and Mechanical Contracting Corp. 3313 Imperial Pkwy, Lafayette IN 47909	10/7	100.00	CHK	10/7/09	
9	10/10 FAX				Miller Bros. Construction 1413 South DePance, St PO Box 30, Archbold OH 43502	10/8 Faxed	100.00	CHK	10/8/09	
10	10/10 FAX				T-BIRD 742-1905 FAX 105 N. 10th St. LAFAYETTE, IN 47901	10/12	100.00	CHK 6143	10/12/09	



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Addenda Dates:

Set #	ADDENDA				PLAN HOLDER Name - Address - Phone - Fax	DEPOSIT			DOCUMENTS	
	1	2	3	4		Date Recvd	Amount	Type of Pymt	Date Issued	Date Returned
11	10/10 Fax				R&W Contracting INC. PH 463-1174 FX 497-7702 3131 Klondike Rd., West Laf IN 47906	10/13/09	\$100.00	CHK # 2453	10/13/09	
12	10/10 Fax				Pouderter Excavating Inc. PH (317)823-6937 PO Box 36399 Indianapolis IN 46236 FX (317)823-4602	10/14/09	\$100.00 \$25.00	CHK #21222 CHK #21223	10/14/09	
13	10/10 Fax				Slusser's Green Thumb, Inc. PH (574)722-3102 125 Montgomery St, Logansport IN 46044 FX (574)722-2993	10/14/09	\$100.00	CHK	10/14/09	
14	10/10				Vester & Assoc. PH (765)742-6479 FX (765)742-5271 309 Columbia St, Lafayette IN 47901	10/16/09	\$100.00	CHK 9429	10/16/09	
15	10/20				Midwestern Electric PH 317-545-7041 FX (317)545-7643 3385 N. Arlington Ave, Indianapolis IN 46218	10/20/09	\$100.00	CHK	10/20/09	
16	10/10				JACK Koon Construction Co. PH (219)901-5705 1022 South St Red 43, Reynolds IN 47980 FX (219)901-5701	10/10/09	\$100.00	CHK 8531	10/10/09	
17	10/20				The Hoosier Co. PH (317)872-8125 FX (317)872-7103 PO Box 106104 Indianapolis IN 46260	10/20/09	\$100.00	CHK 80701	10/20/09	
18	10/20				The Simmons Company PH (317)892-5740 PO Box 330, Pittsboro IN 46167 FX (317)892-5773	10/20/09	\$100.00	CHK 6383	10/20/09	
19										
Re-issue 205	10/10 Fax				FAIRFIELD CONTRACTORS, INC PO BOX 4427 LAFAYETTE, IN 47903	10/12/09	\$100.00	CHK # 16505	10/12/09	

# LEGEND



**ZONE 1 (ELEVATION 686-687) = ±0.10 Acre PLUGS PLACED 3' O.C.**  
(REFER TO POND LANDSCAPE SPECIFICATIONS, SHEET 87)



**ZONE 2 (ELEVATION 687-688) = ±0.10 Acre PLUGS PLACED 3' O.C.**  
(REFER TO POND LANDSCAPE SPECIFICATIONS, SHEET 87)



**ZONE 3 (ELEVATION 688-690) = ±0.86 Custom Wetland Seed Mix**  
(REFER TO POND LANDSCAPE SPECIFICATIONS, SHEET 87)



**ZONE 4 (ELEVATION 690-693) = ±1.00 Custom Wet-to-Mesic Seed Mix**  
(REFER TO POND LANDSCAPE SPECIFICATIONS, SHEET 87)



**ZONE 5 (ELEVATION 693 and above) = ±0.75 Acre Custom Upland Seed Mix**  
(REFER TO POND LANDSCAPE SPECIFICATIONS, SHEET 87)



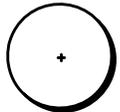
**MULCH LIMITS**



**EXISTING TREES**



**REMOVE EXISTING TREES**



**CANOPY TREE**  
(REFER TO CITY OF WEST LAFAYETTE DETAILS)



**EVERGREEN TREE**



**PLANT TAG**

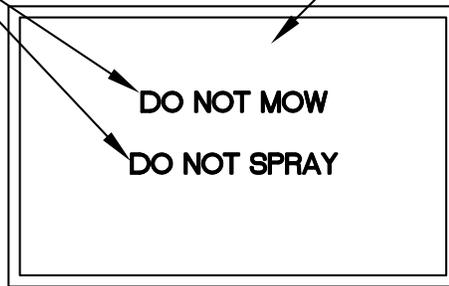


**NATIVE SIGNAGE**

(9 SIGNS TO BE PLACED EVERY ±170' IN A LOCATION ADJACENT TO EDGE OF NATIVE PLANTINGS. EXACT LOCATION TO BE APPROVED BY OWNER)

"BLACK" LETTERING

"OLD GOLD" BACKGROUND



(PLACE SIGNS AS SHOWN ON THIS SHEET)

**NATIVE SIGNAGE**

NOT TO SCALE



SCALE: 1:30



10-21-09 ADDENDUM #2 -ADJUSTED LEGEND SHEET NUMBERS AND ADDED NATIVE SIGNAGE.

2009, THE SCHNEIDER CORPORATION

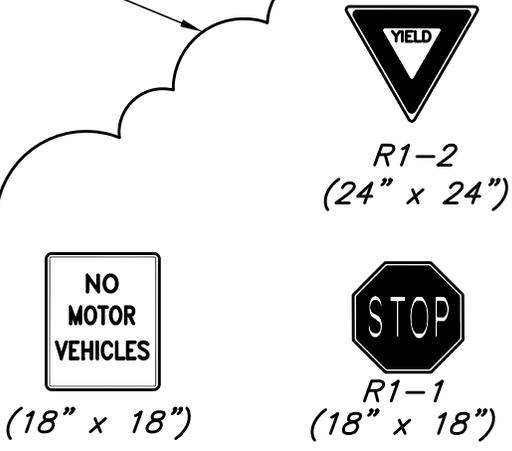


**THE SCHNEIDER CORPORATION**  
West Lafayette Operations  
1330 Win Hentschel Blvd, Suite 100  
West Lafayette, IN 47906-4156  
Telephone: 765.448.6661  
Fax: 765.448.6665  
www.schneidercorp.com

DATE: <b>10/16/09</b>	PROJECT NO.: <b>5954.002</b>
DRAWN BY: <b>JDS</b>	CHECKED BY: <b>BMF</b>
DRAWING FILES: L: \5k\5954\002\dwgs\ADD2-81.dwg	

**ADD2-C1 (81)**

2

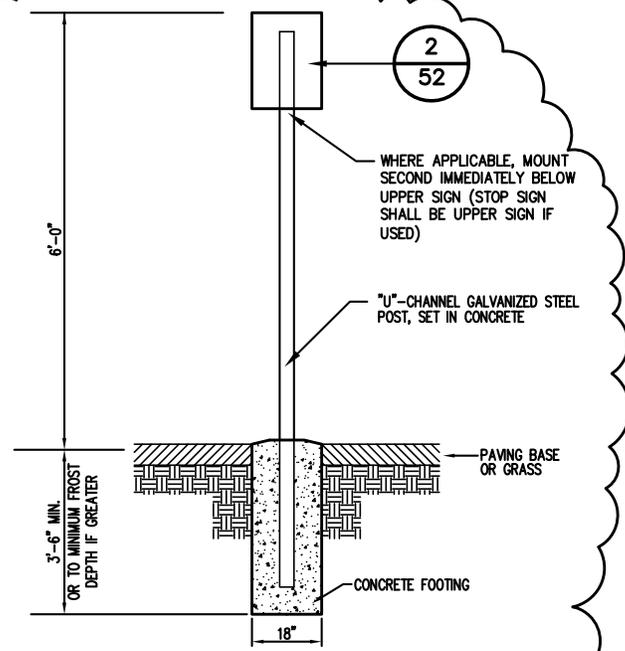


ALL SIGNAGE TO MEET MUTCD STANDARDS AS WELL AS CITY OF WEST LAFAYETTE PARKS AND RECREATION DEPARTMENT GUIDELINES.

**TRAIL SIGNAGE**

NOT TO SCALE

2  
52



ALL SIGNAGE TO MEET MUTCD STANDARDS AS WELL AS CITY OF WEST LAFAYETTE PARKS AND RECREATION DEPARTMENT GUIDELINES.

**TRAIL STEEL POST**

NOT TO SCALE

1  
52

**LEGEND**

- T SIGN - SEE SIGN SCHEDULE FOR SUMMARY
- (37) THERMOPLASTIC PAVEMENT MESSAGE MARKING "ARROW"
- (57A) THERMOPLASTIC PAVEMENT MESSAGE WORD "ONLY"
- (38) 24" WHITE CROSSWALK THERMOPLASTIC TRANSVERSE MARKING
- (58A) 27" WHITE YIELD LINE THERMOPLASTIC TRANSVERSE MARKING
- (39) TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, 24 IN.
- (46) 4" WHITE SOLID THERMOPLASTIC LINE
- (47) 4" YELLOW SOLID THERMOPLASTIC LINE
- (48) 4" WHITE BROKEN THERMOPLASTIC LINE
- (49) 6" WHITE SOLID THERMOPLASTIC LINE
- (50) 6" YELLOW SOLID THERMOPLASTIC LINE
- (51) 12" WHITE BROKEN THERMOPLASTIC LINE, 3 FT. LINE, 3 FT. GAP

- (A) TRAIL "YIELD" SIGN (REFER TO DETAIL 1 ON SHEET 52)
- (B) TRAIL "STOP" SIGN (REFER TO DETAIL 1 ON SHEET 52)
- (C) HINGED BOLLARD SYSTEM (REFER TO DETAIL 3 AND 4 ON SHEET 52)
- (D) TRAIL STOP SIGN WITH NO MOTOR VEHICLE (REFER TO DETAIL 1 ON SHEET 52)

2

10-21-09 ADDENDUM #2 - TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.

2009, THE SCHNEIDER CORPORATION



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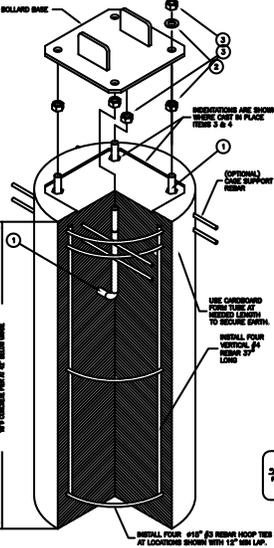
DATE: 10/21/09	PROJECT NO.: 5954.002
DRAWN BY: JDS	CHECKED BY: BMF
DRAWING FILES: L:\5k\5954\002\dwgs\5954002T500.dwg	

ADD2-C2 (52)

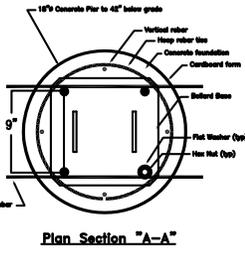
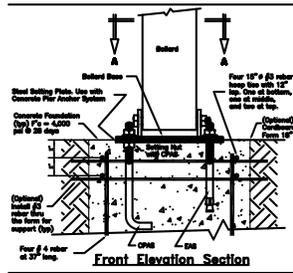
BILL OF MATERIAL			
ITEM #	PART #	DESCRIPTION	QTY.
1	0001	CPAS SET - INCLUDES THE FOLLOWING PART NUMBERS	1
2	0002	43/4" x 1" TYPICAL ANCHOR BOLT - 18-8 SS	2
3	0003	43/4" x 1" TYPICAL ANCHOR BOLT - 18-8 SS	2
4	0004	43/4" x 1" TYPICAL ANCHOR BOLT - 18-8 SS	2
5	0005	43/4" HEX NUT - 18-8 SS	2
6	0104	WARNING ARROWS LABEL	2
8	0011	#1/2" x 1 1/2" HEX HEAD CAP SCREW - 18-8 SS	1
9	2010	CAPTIVE LOCK SCREW - SS	1
10	0012	#1" FLAT WASHER - SS 18-8	2
11	0013	#1" EXTERNAL RETAINING RING - TYPE PH15-7 MO SS	1

These hinged systems are designed for the hinged loading based on a quality substrate installed and proper installation, by the customer's contractor. The installation shall adhere to the drawing and the manufacturer's instructions. The customer is responsible to determine the adequate quality of soil or existing concrete substrate. The concrete shall be installed and compacted to the specified minimum for the substrate and a compressive strength of 2500 psi (175 MPa) per square inch. If you have suitable substrate and an approved strength of 2500 psi (175 MPa) per square inch, it may be used. Suitable substrate shall be installed per best industrial practices for adequate concrete and/or masonry substrate. This installation shall be required to determine the capacity of the substrate system for your specific installation. Call TRAFFIC for installation questions, if needed.

NOTE: CONCRETE, FORM AND REBAR PROVIDED BY OTHERS



**Anchor Installation Note**

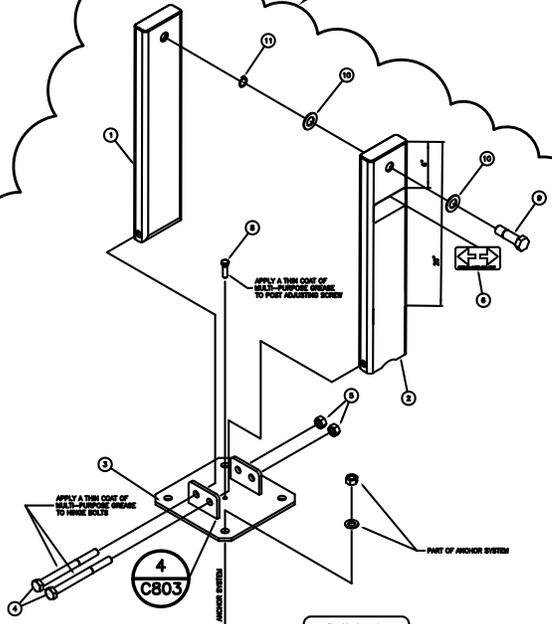


TrafficGuard  
 TrafficGuard  
 P.O. Box 501, Aurora, IL 61304  
 630-270-0700  
 www.trafficguard.net

**CONCRETE PIER ANCHOR SYSTEM (CPAS) FOR HINGED BOLLARD**

NOT TO SCALE

4  
52



TrafficGuard  
 TrafficGuard  
 P.O. Box 501, Aurora, IL 61304  
 630-270-0700  
 www.trafficguard.net

BILL OF MATERIAL			
ITEM #	PART #	DESCRIPTION	QTY.
1	SDPHBF1	SDPHB NUT POST	1
2	SDPHBF2	SDPHB SCREW POST	1
3	SDPHBF3	SDPHB BASE	1
4	0010	43/4" x 8" HEX HEAD HINGE BOLT - 18-8 SS	2
5	0000	43/4" HEX NUT - 18-8 SS	2
6	0104	WARNING ARROWS LABEL	2
8	0011	#1/2" x 1 1/2" HEX HEAD CAP SCREW - 18-8 SS	1
9	2010	CAPTIVE LOCK SCREW - SS	1
10	0012	#1" FLAT WASHER - SS 18-8	2
11	0013	#1" EXTERNAL RETAINING RING - TYPE PH15-7 MO SS	1

**SCREWLOCK DOUBLE POST HINGED BOLLARD**

NOT TO SCALE

3  
52

10-21-09 ADDENDUM #2 - TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.

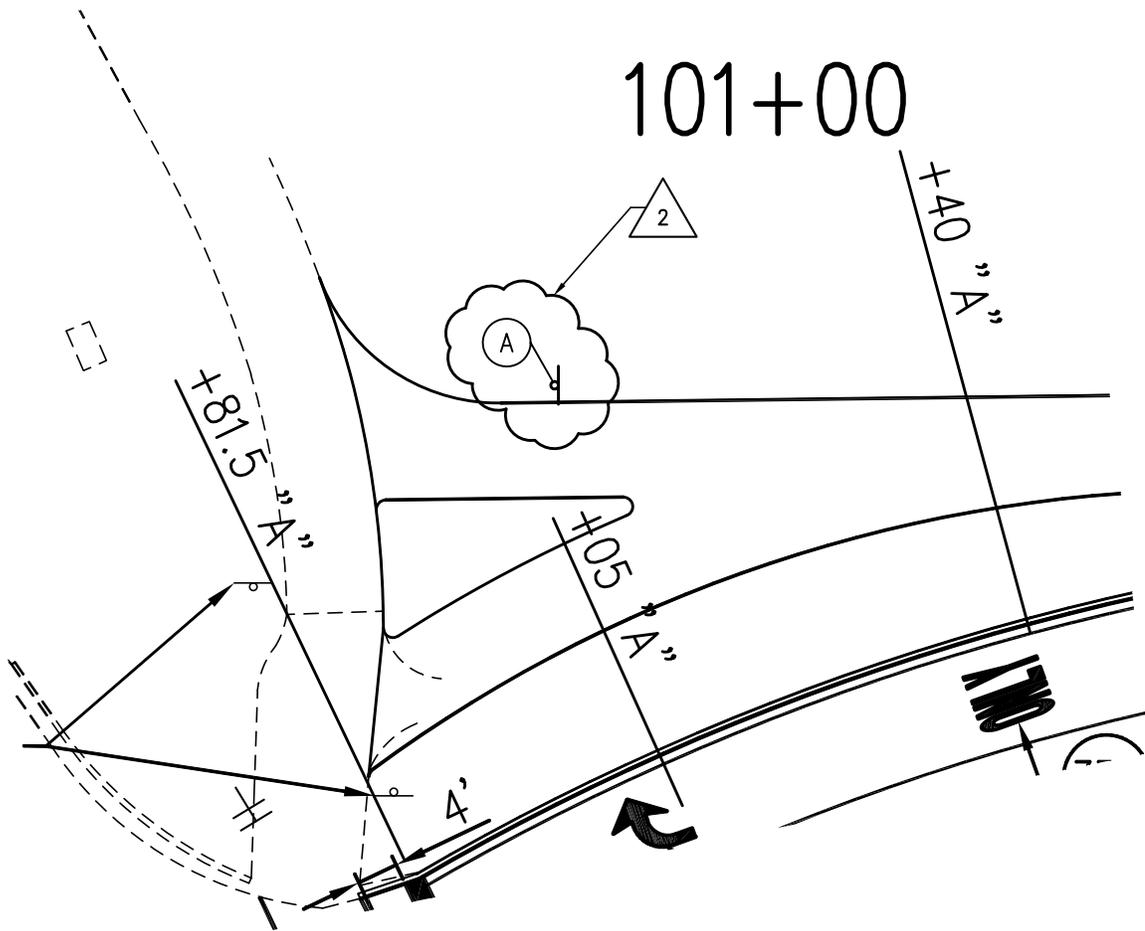
2009, THE SCHNEIDER CORPORATION



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 Telephone: 765.448.6661  
 Fax: 765.448.6665  
 www.schneidercorp.com

DATE: 10/21/09	PROJECT NO.: 5954.002
DRAWN BY: JDS	CHECKED BY: BMF
DRAWING FILES: L:\5k\5954\002\dwgs\5954002T500.dwg	

ADD2-C3 (52)



10-21-09 ADDENDUM #2 - TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.



SCALE: 1: 20

2009, THE SCHNEIDER CORPORATION

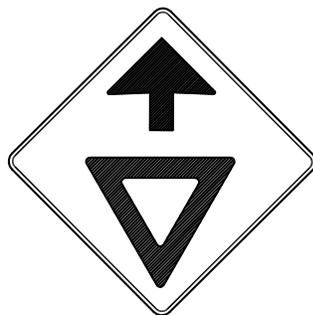
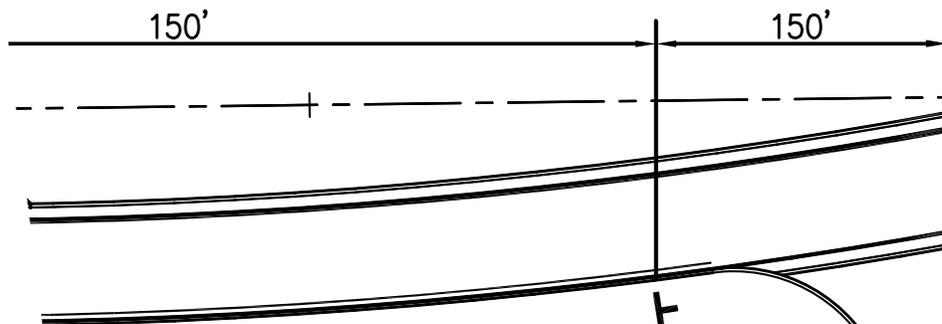
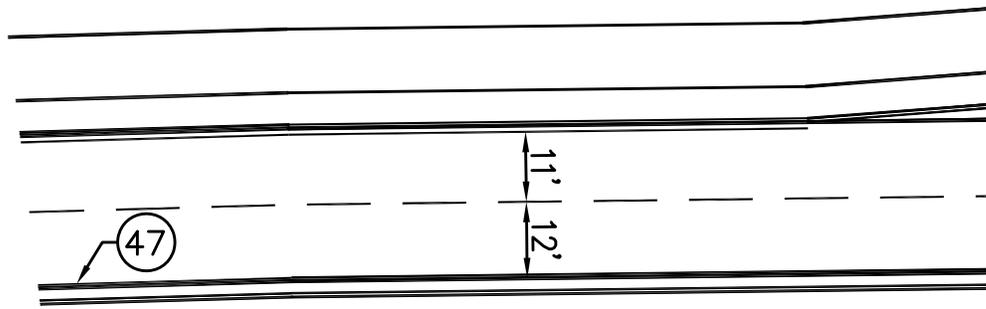


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ADID2-C4 (52)

DATE: 10/21/09	PROJECT NO.: 5954.002
DRAWN BY: JDS	CHECKED BY: BMF
DRAWING FILES: L: \5k\5954\002\dwgs\5954002T500.dwg	

105+00



W3-2A

EXIST. SIGN TO REMAIN

EXISTING BOLLARD TO BE RELOCATED HERE PER DEMOLITION COORDINATION



10-21-09 ADDENDUM #2 - TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.



SCALE: 1:30

2009, THE SCHNEIDER CORPORATION



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 Fax: 765.448.6665  
 www.schneidercorp.com

ADD2-C5 (52)

DATE:

10/21/09

PROJECT NO.:

5954.002

DRAWN BY:

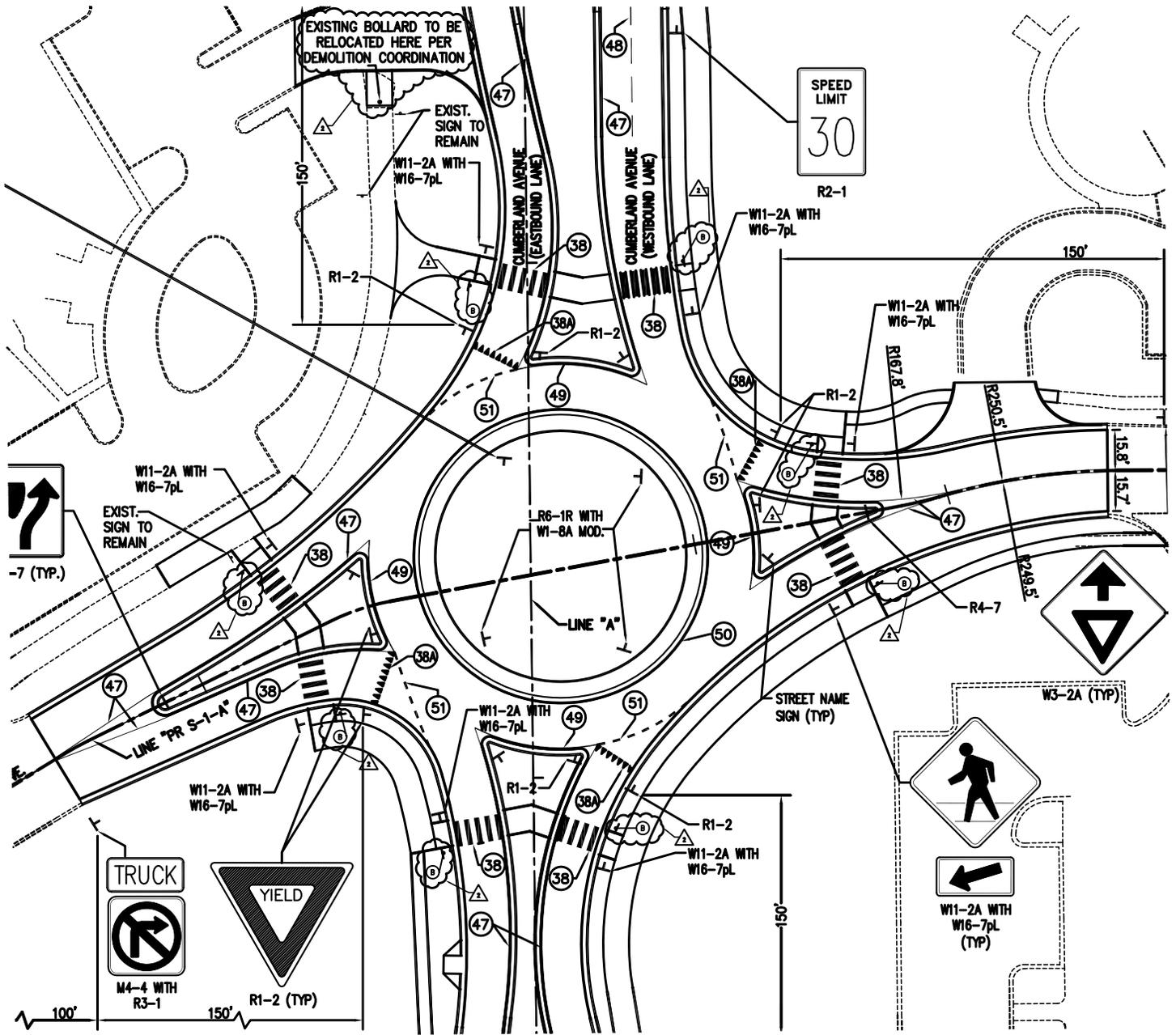
JDS

CHECKED BY:

BMF

DRAWING FILES:

L:\5k\5954\002\dwgs\5954002T500.dwg



2

10-21-09 ADDENDUM #2 - TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.

2009, THE SCHNEIDER CORPORATION

SCALE: 1: 60



THE SCHNEIDER CORPORATION  
 West Lafayette Operations  
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 Fax: 765.448.6665  
 www.schneidercorp.com

ADD2-C6 (53)

DATE: 10/21/09	PROJECT NO.: 5954.002
DRAWN BY: JDS	CHECKED BY: BMF
DRAWING FILES: L:\5k\5954\002\dwgs\5954002T500.dwg	

## LEGEND

- T** SIGN – SEE SIGN SCHEDULE FOR SUMMARY
- ③7 THERMOPLASTIC PAVEMENT MESSAGE MARKING "ARROW"
- ③7A THERMOPLASTIC PAVEMENT MESSAGE WORD "ONLY"
- ③8 24" WHITE CROSSWALK THERMOPLASTIC TRANSVERSE MARKING
- ③8A 27" WHITE YIELD LINE THERMOPLASTIC TRANSVERSE MARKING
- ③9 TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, 24 IN.
- ④6 4" WHITE SOLID THERMOPLASTIC LINE
- ④7 4" YELLOW SOLID THERMOPLASTIC LINE
- ④8 4" WHITE BROKEN THERMOPLASTIC LINE
- ④9 6" WHITE SOLID THERMOPLASTIC LINE
- ⑤0 6" YELLOW SOLID THERMOPLASTIC LINE
- ⑤1 12" WHITE BROKEN THERMOPLASTIC LINE, 3 FT. LINE, 3 FT. GAP

- Ⓐ TRAIL "YIELD" SIGN (REFER TO DETAIL 1 ON SHEET 52)
  - Ⓑ TRAIL "STOP" SIGN (REFER TO DETAIL 1 ON SHEET 52)
  - Ⓒ HINGED BOLLARD SYSTEM (REFER TO DETAIL 3 AND 4 ON SHEET 52)
  - Ⓓ TRAIL STOP SIGN WITH NO MOTOR VEHICLE (REFER TO DETAIL 1 ON SHEET 52)



10-21-09 ADDENDUM #2 – TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.

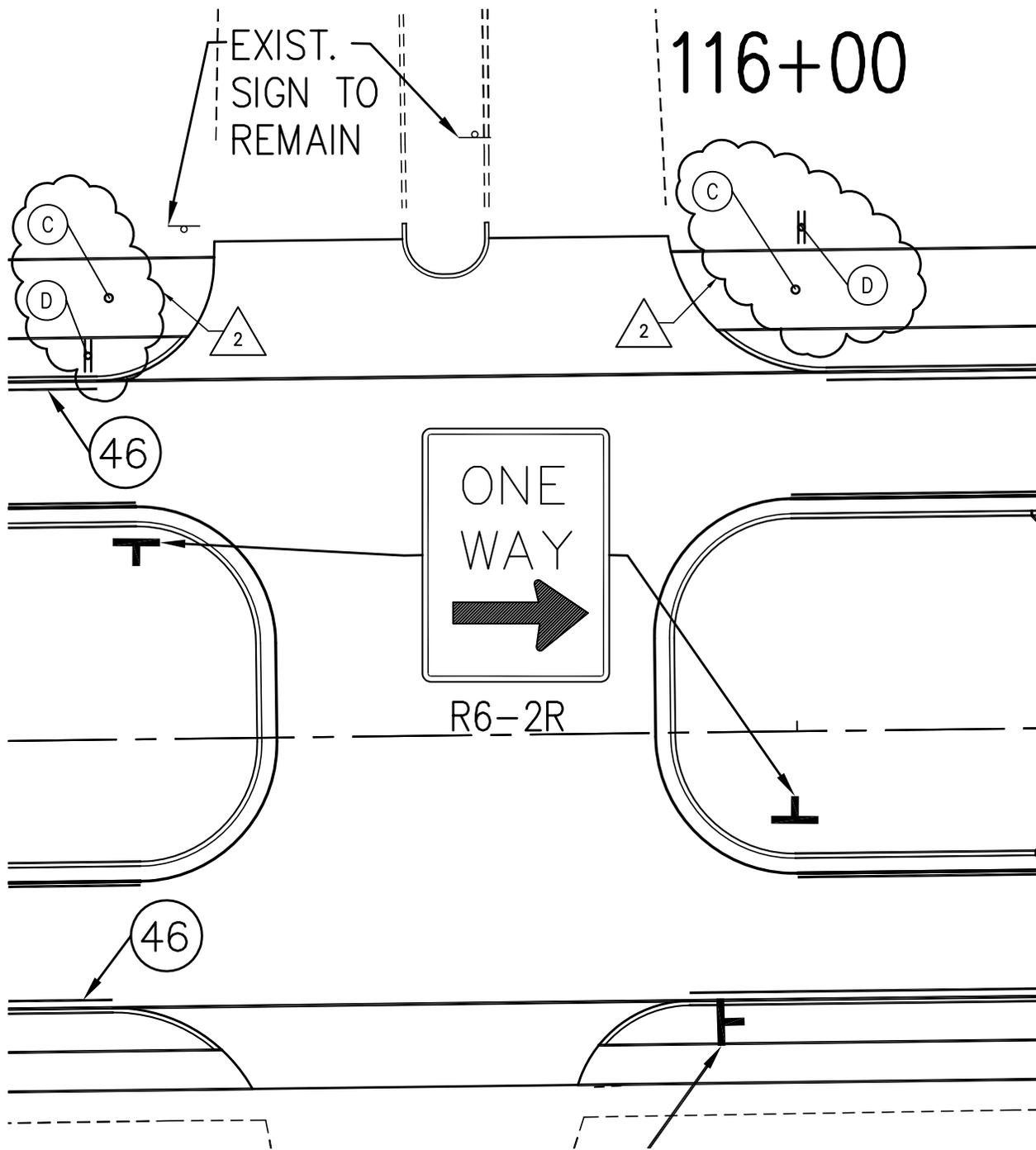
2009, THE SCHNEIDER CORPORATION



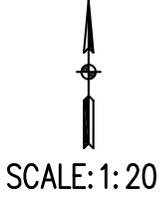
THE SCHNEIDER CORPORATION  
 West Lafayette Operations  
 1330 Win Hentschel Blvd, Suite 100  
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 Telephone: 765.448.6661  
 Fax: 765.448.6665  
 www.schneidercorp.com

**ADD2-C7 (53)**

DATE: <b>10/21/09</b>	PROJECT NO.: <b>5954.002</b>
DRAWN BY: <b>JDS</b>	CHECKED BY: <b>BMF</b>
DRAWING FILES: L: \5k\5954\002\dwgs\5954002T500.dwg	



10-21-09 ADDENDUM #2 - TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.



2009, THE SCHNEIDER CORPORATION



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 1330 Win Hentschel Blvd, Suite 100  
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 Fax: 765.448.6665  
 www.schneidercorp.com

ADD2-C8 (54)

DATE: 10/21/09	PROJECT NO.: 5954.002
DRAWN BY: JDS	CHECKED BY: BMF
DRAWING FILES: L:\5k\5954\002\dwgs\5954002T500.dwg	

## LEGEND

- T** SIGN – SEE SIGN SCHEDULE FOR SUMMARY
- ③7 THERMOPLASTIC PAVEMENT MESSAGE MARKING "ARROW"
- ③7A THERMOPLASTIC PAVEMENT MESSAGE WORD "ONLY"
- ③8 24" WHITE CROSSWALK THERMOPLASTIC TRANSVERSE MARKING
- ③8A 27" WHITE YIELD LINE THERMOPLASTIC TRANSVERSE MARKING
- ③9 TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, 24 IN.
- ④6 4" WHITE SOLID THERMOPLASTIC LINE
- ④7 4" YELLOW SOLID THERMOPLASTIC LINE
- ④8 4" WHITE BROKEN THERMOPLASTIC LINE
- ④9 6" WHITE SOLID THERMOPLASTIC LINE
- ⑤0 6" YELLOW SOLID THERMOPLASTIC LINE
- ⑤1 12" WHITE BROKEN THERMOPLASTIC LINE, 3 FT. LINE, 3 FT. GAP

- Ⓐ TRAIL "YIELD" SIGN (REFER TO DETAIL 1 ON SHEET 52)
  - Ⓑ TRAIL "STOP" SIGN (REFER TO DETAIL 1 ON SHEET 52)
  - Ⓒ HINGED BOLLARD SYSTEM (REFER TO DETAIL 3 AND 4 ON SHEET 52)
  - Ⓓ TRAIL STOP SIGN WITH NO MOTOR VEHICLE (REFER TO DETAIL 1 ON SHEET 52)
- 



10-21-09 ADDENDUM #2 – TRAIL SIGNAGE AND BOLLARD CLARIFICATIONS.

2009, THE SCHNEIDER CORPORATION



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www.schneidercorp.com

DATE: <b>10/21/09</b>	PROJECT NO.: <b>5954.002</b>
DRAWN BY: <b>JDS</b>	CHECKED BY: <b>BMF</b>
DRAWING FILES: L: \5k\5954\002\dwgs\5954002T500.dwg	

**ADD2-C9 (54)**

LINE "B" PER INDOT  
PROJECT 138-2(1)

T.C. 698.90

INLET TYPE D-6  
AND 50' OF TYPE 2  
PIPE BLIND TIE INTO  
EXISTING CROSS PIPE

PIPE INV.  
ELEV. 696.40

PIPE INV. ELEV = MATCH EXISTING  
NOTE: IF PIPE SLOPE IS LESS THAN  
0.3% THE CONTRACTOR SHALL  
CONSULT THE ENGINEER.

MATCH EXISTING EOP

MATCH EXISTING EOP

2 REV 10-21-09 PEDESTRIAN ISLAND DESIGN CHANGE.

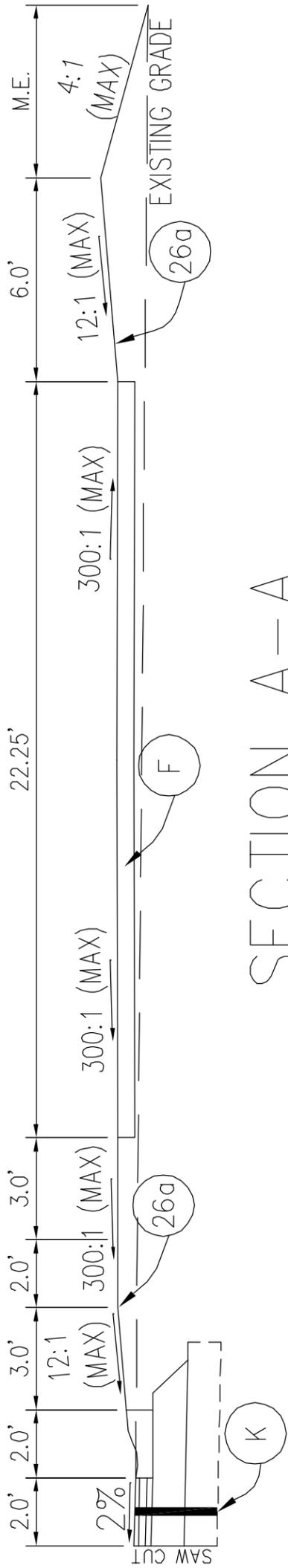
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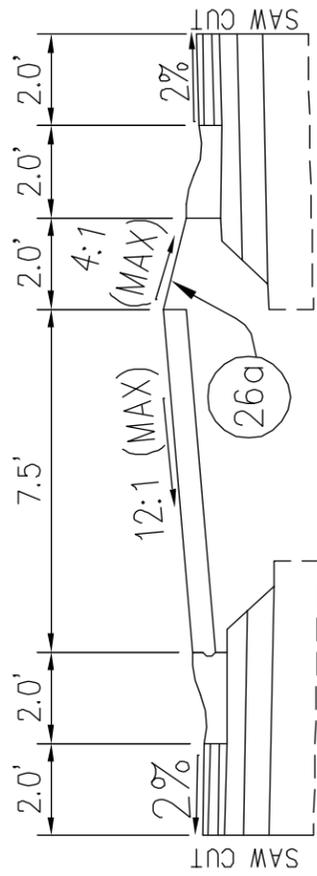
THE SCHNEIDER CORPORATION  
West Lafayette Operations  
1330 Win Hentschel Blvd, Suite 100  
West Lafayette, IN 47906-4156  
Telephone: 765.448.6661  
Fax: 765.448.6665  
www.schneidercorp.com

ADD2-C10(51)

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SECTION A-A



SECTION B-B

2 REV 10-21-09 PEDESTRIAN ISLAND DESIGN CHANGE.

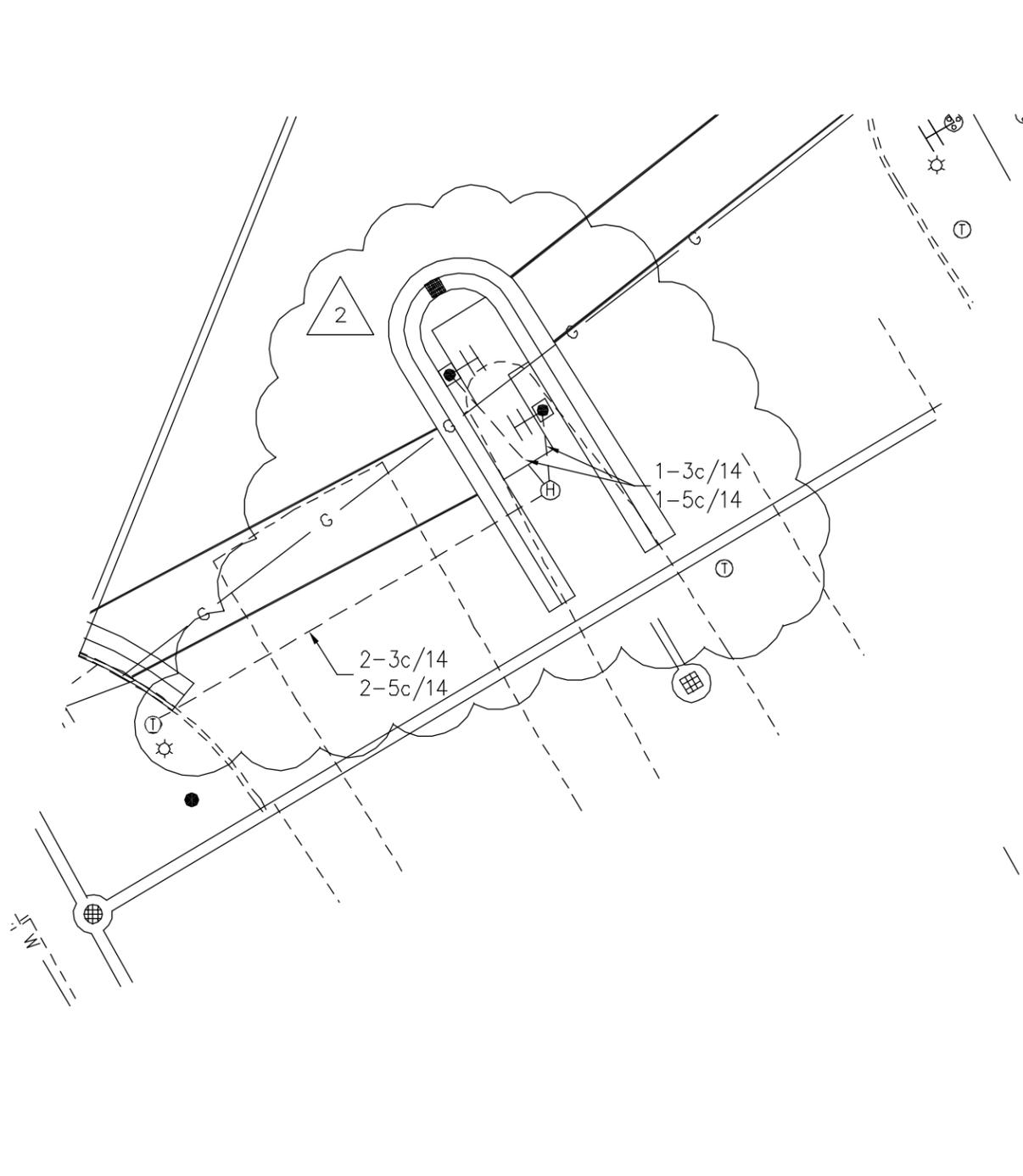
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 1330 Win Hentschel Blvd, Suite 100  
 West Lafayette, IN 47906-4156  
 Telephone: 765.448.6661  
 Fax: 765.448.6665  
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ADD2-C11(51)

DATE: 10-21-09	PROJECT NO.: 5954.002
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**LEGEND**

-  DETECTOR LOOPS, 30" OCTAGONAL LOOP, 4 TURN SERIES (X INDICATES LOOP TAG #)
-  DETECTOR HOUSING
-  2" STEEL GALVANIZED CONDUIT
-  INTERCEPT
-  EXISTING LOOPS
-  EXISTING HANDHOLE
-  HANDHOLE

-  2' THERMOPLASTIC STOP BAR
-  PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
-  PAVEMENT MESSAGE MARKING, THERMOPLASTIC, WORD (ONLY)
-  12' PEDESTAL MOUNTED PEDESTRIAN SIGNAL WITH INTERNATIONAL SYMBOLS, 18", PEDESTRIAN PUSH BUTTON AND SIGN R10-4 WITH COUNTDOWN HEADS
-  REPLACE PEDESTRIAN SIGNAL WITH INTERNATIONAL SYMBOLS, 18" WITH COUNTDOWN HEADS

 REV 10-21-09 PEDESTRIAN ISLAND DESIGN CHANGE.

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 1330 Win Hentschel Blvd, Suite 100  
 West Lafayette, IN 47906-4156  
 Telephone: 765.448.6661  
 Fax: 765.448.6665  
 www.schneidercorp.com

ADD2-C12(50)

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