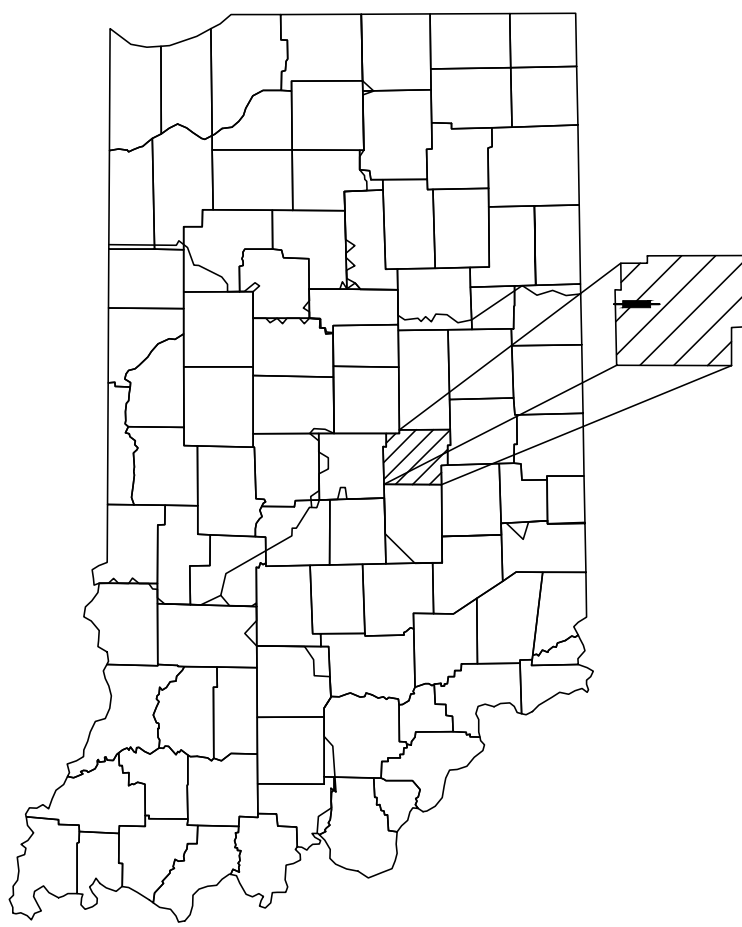


TOWN OF McCORDSVILLE

ROAD PLANS CR800 N PHASE 1

TRAFFIC DATA	CR 800 N
A.A.D.T. (2025)	1,806 V.P.D.
A.A.D.T. (2045)	1,995 V.P.D.
D.H.V (2045)	199 V.P.H.
DIRECTIONAL DISTRIBUTION	46% POS.
TRUCKS	1% D.H.V.
DESIGN DATA	
DESIGN SPEED	40 M.P.H.
PROJECT DESIGN CRITERIA	4R (Non Freeway)
FUNCTIONAL CLASSIFICATION	Minor Arterial
RURAL/URBAN	Rural
TERRAIN	Level
ACCESS CONTROL	NONE



PROJECT LOCATION SHOWN BY 
HANCOCK COUNTY

LATITUDE: 39° 53' 56" N LONGITUDE: 85° 56' 17" W

CR 800 N

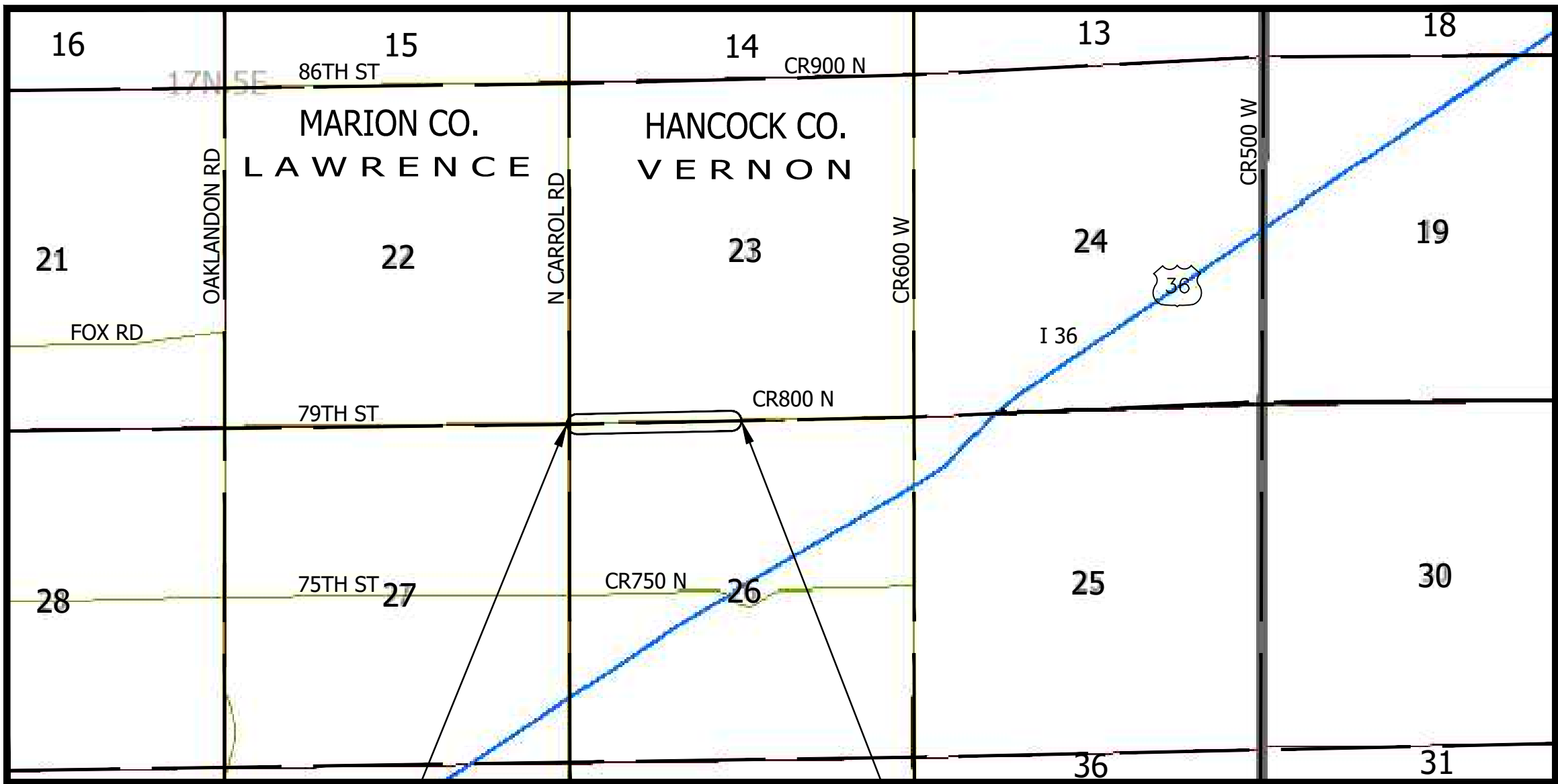
GROSS LENGTH: 0.25 MI.
NET LENGTH: 0.25 MI.
MAX. GRADE: 1.44 %

**PFC PLANS
AUGUST - 2024**

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2024
TO BE USED WITH THESE PLANS

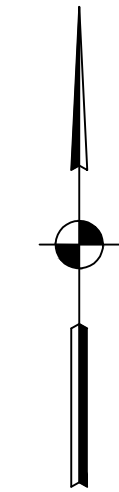
Project Description

Roadway Improvements on CR 800 N, from CR 700 W to 0.75 miles West of CR 600 W
Located in Section 23 & 26, T-17-N, R-5-E, Vernon Township, Hancock County, Indiana.



BEGIN PROJECT
STA. 51+10.00 "B"

END PROJECT
STA. 64+33.96 "B"



SCALE:
1" = 2000'

PLANS PREPARED BY



TRANSPORTATION &
DEVELOPMENT CONSULTANTS
115 N 17th AVENUE
BEECH GROVE, IN 46107
(317) 780-1555
CROSSROADENGINEERS.COM

DIRECTORY PATH : R:\Active\McCordsville\Town\CR 800 N\Design\CAD\Plans
FILENAME : TITLESHEET.dwg
DATE/USER : 8/26/2024 1:09 PM / TThornett

PLANS
PREPARED BY: CROSSROAD ENGINEERS, P.C. (317) 780-1555
PHONE NUMBER
CERTIFIED BY: _____ DATE _____
APPROVED FOR LETTING: _____ TOWN OF McCORDSVILLE DATE _____

SHEETS		
1	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

UTILITIES		
<u>AT&T</u> 5870 N College Ave Indianapolis, IN 46220 Contact: Tendai Inman Ph: (317) 372-9885 cn4542@att.com	<u>CITIZENS ENERGY</u> 2150 Dr. Martin Luther King Jr. St. Indianapolis, IN 46202 Contact: Scott Ritter Ph: (317) 927-4434 sritter@citizensenergygroup.com	<u>COMCAST</u> 1600 West Fountain Dr. Bloomington, IN 47404 Contact: Scott Templeton Ph: (317) 516-2356 scott_templeton@comcast.com
<u>AES</u> 1230 W Morris St. Indianapolis, IN 46221 Contact: James Herin Ph: (317) 864-3366 jamesherin@aes.com	<u>CITY OF INDIANAPOLIS</u> 200 E Washington St. Indianapolis, IN 46204 Contact: Theresa Mendoza Ph: (317) 327-4000 utilitycoordination@indy.gov	<u>CITY OF LAWRENCE</u> 9201 Harrison Park Ct Lawrence, IN 46216 Contact: Andrew Hall Ph: (317) 524-6301 ahall@cityoflawrence.com
<u>MCCORDSVILLE PUBLIC WORKS</u> 6280 W 800 N McCordsville, IN 46055 Contact: Mark Witsman Ph: (317) 335-3151 mwitsman@mccordsville.org	<u>METRONET</u> 3701 Communications Way Evansville, IN 47715 Contact: Lori Kemper Ph: (812) 213-1050 lori.kemper@metronet.com	<u>NINESTAR</u> 2243 E Main St Greenfield, IN 46140 Contact: Jason Warrick Ph: (317) 323-2081 jwarrick@ninestarconnect.com

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PFC PLANS

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ MJS	DRAWN: _____ CRE	
CHECKED: _____ MAM	CHECKED: _____ MJS	

TOWN OF MCCORDSVILLE

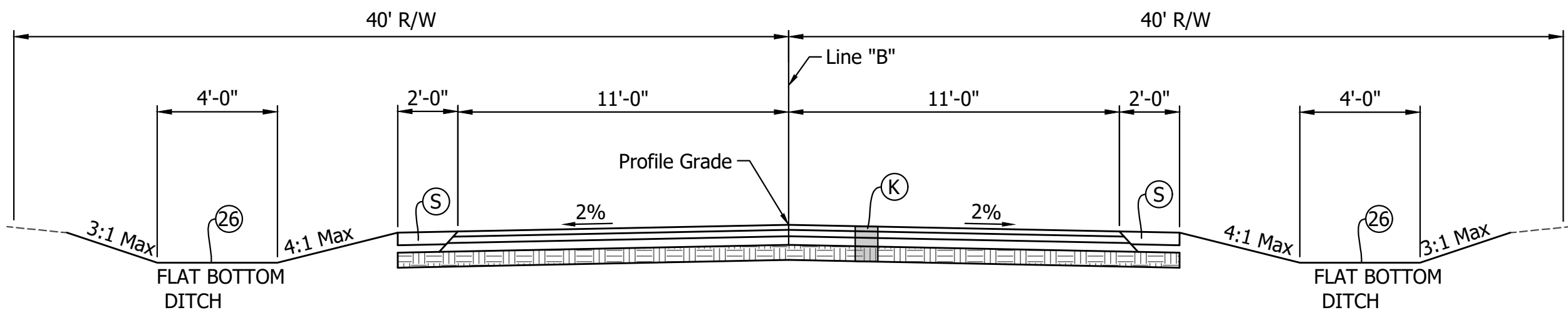
INDEX AND GENERAL NOTES

HORIZONTAL SCALE
N/A
VERTICAL SCALE
N/A

SHEETS		
2	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

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Slopes are Typically 4:1 Maximum 3:1
(See Cross Sections)



TYPICAL CROSS SECTION
51+10.00 to 64+33.96 "B"

LEGEND

- ⑪ HMA for Approaches (Residential) (By others)
165 #/Syd. HMA Surface, Type B, on
275 #/Syd. HMA Surface, Type B, on
6" Compacted Aggregate No. 53, on
Subgrade Treatment Type II
- ⑫ HMA for Approaches (Commercial) (By others)
165 #/Syd. HMA Surface, Type B, on
275 #/Syd. HMA Surface, Type B, on
660 #/Syd. HMA Base, Type B, on
Subgrade Treatment Type II
Geogrid Type 1B
- Ⓡ HMA Patching for Road
- Ⓟ HMA Patching for Drives
- Ⓚ HMA Pavement (By others)
165 #/Syd. HMA, 2, 58S, Surface 9.5 mm, on
275 #/Syd. HMA, 2, 58S, Intermediate 19 mm, on
660 #/Syd. HMA, 2, 58S, Base 19 mm, on
Subgrade Treatment Type IBC
- Ⓡ Mill & Overlay (By others)
165 #/Sys HMA Surface, 2, 58S, 9.5 mm, on
1.5" Surface Milling
- Ⓢ Aggregate Shoulder (By others)
- ②⑥ Mulched Seeding R

PFC
PLANS

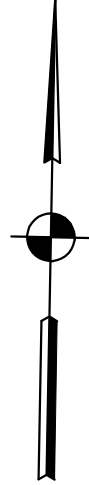
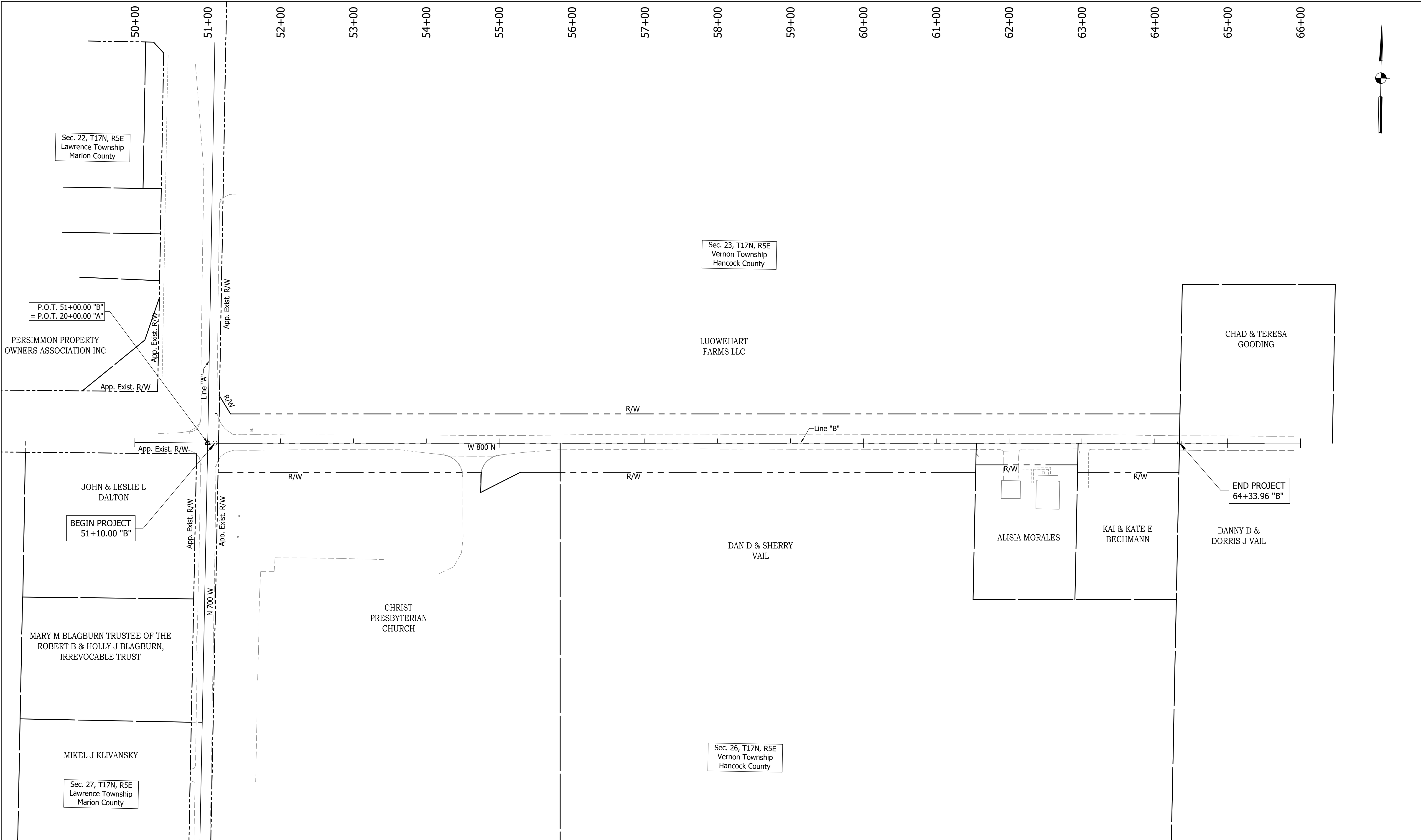
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DESIGNED:	MJS	DRAWN:	CRE	
CHECKED:	MAM	CHECKED:	MJS	

TOWN OF MCCORDSVILLE

TYPICAL
CROSS SECTIONS

HORIZONTAL SCALE		
1/4" = 1'-0"		
VERTICAL SCALE		
N/A		
SHEETS		
3	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

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PFC PLANS

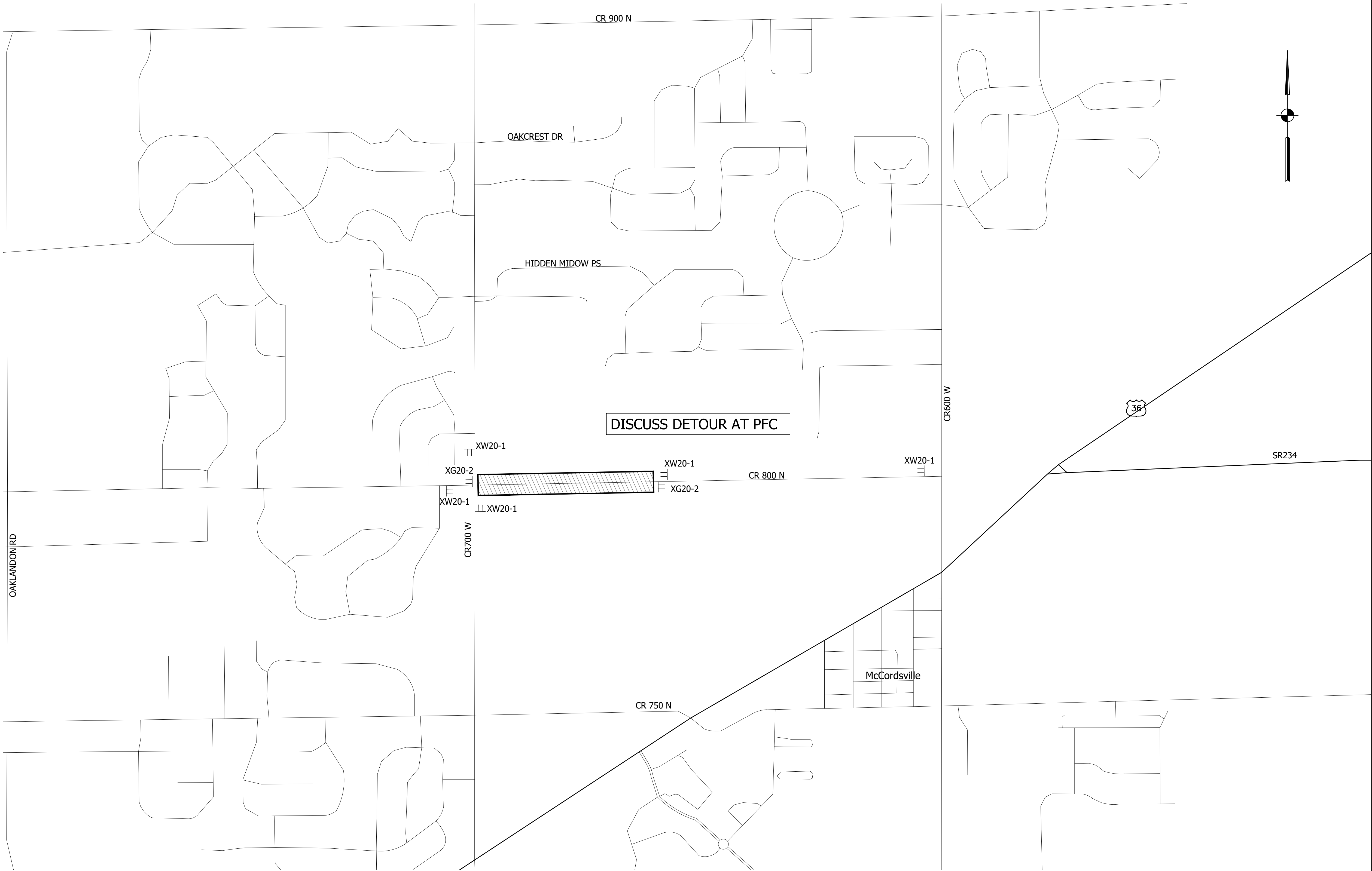
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CHECKED:	MAM	CHECKED:	MJS	

TOWN OF MCCORDSVILLE

PLAT NO. 1

HORIZONTAL SCALE		
1"=60'		
VERTICAL SCALE		
N/A		
SHEETS		
4	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

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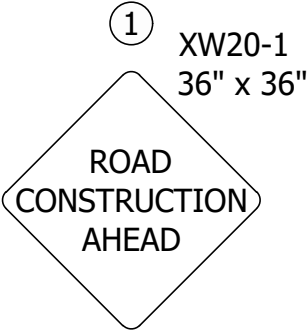


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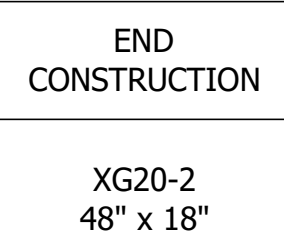
- CONSTRUCTION AREA
- TYPICAL CONSTRUCTION SIGN STANDARD

DETOUR ROUTE MARKER ASSEMBLY DETAILS

CONSTRUCTION SIGNS, TYPE "A"



CONSTRUCTION SIGNS, TYPE "B"



PFC
PLANS

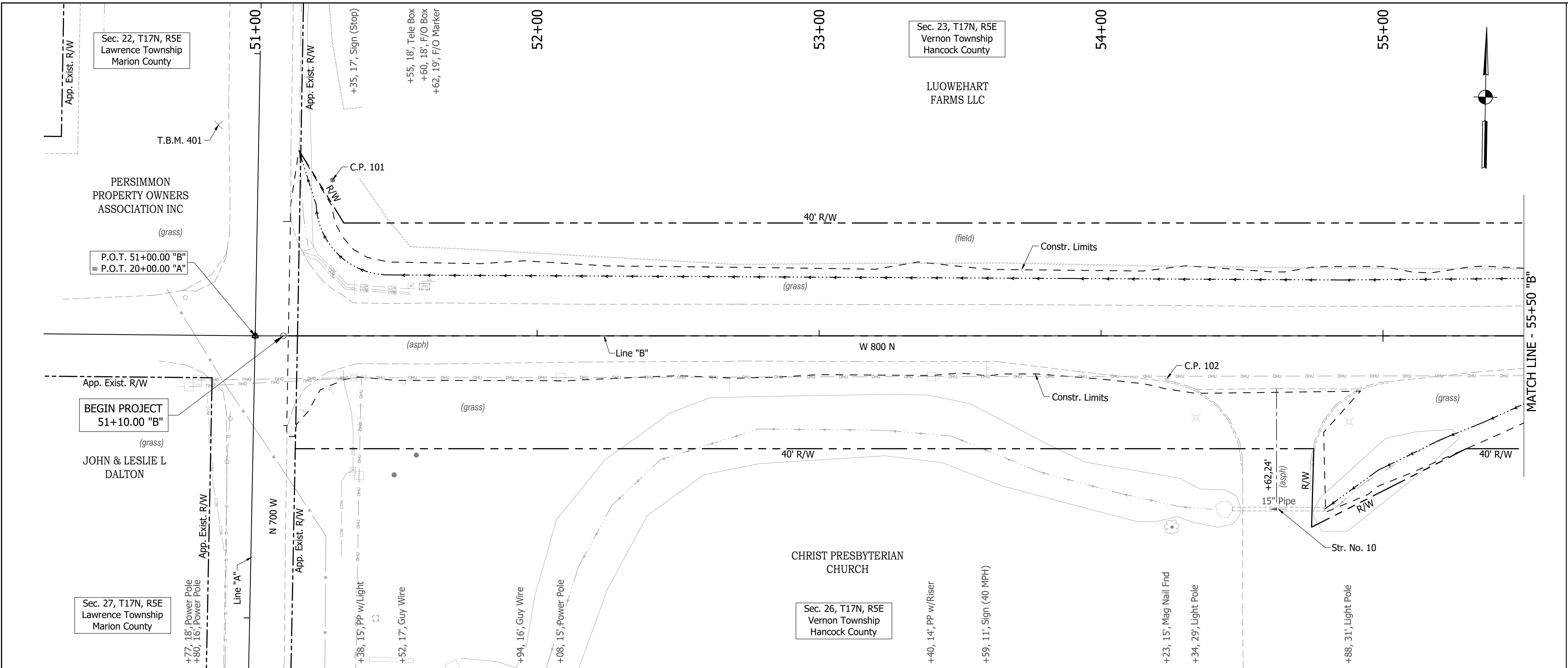
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DESIGNED:	MJS	DRAWN:	CRE	
CHECKED:	MAM	CHECKED:	MJS	

TOWN OF MCCORDSVILLE

MAINTENANCE OF TRAFFIC

HORIZONTAL SCALE		
NTS		
VERTICAL SCALE		
N/A		
SHEETS		
5	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

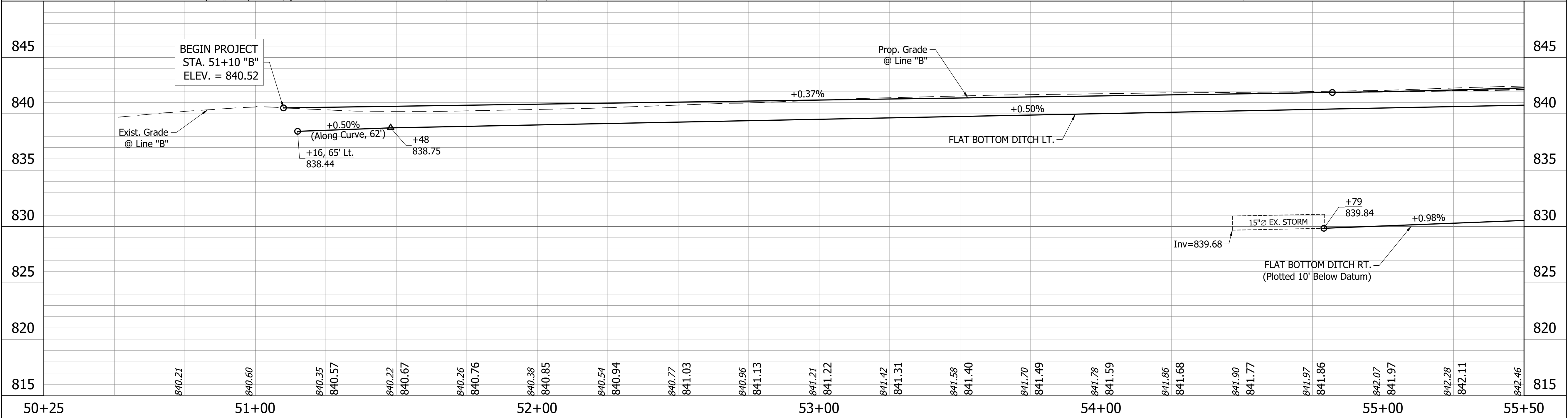
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DATEUSER : 8/20/2024



LEGEND	
EXISTING	
	Storm Inlets
	Storm Manhole
	Sanitary Manhole
	Sanitary Cleanout
	Gas Line
	Gas Valve
	Gas Meter
	Water Line
	Water Valve
	Fire Hydrant
	Water Meter
	Sprinkler
	Irr. Valve
	Electric Line
	Electric Box
	Overhead Utility Line
	Power Pole w/(Riser)
	Light & Power Pole
	Mailbox
	Light & Power Pole w/Riser
	Guy Wire
	Fiber Optic Line
	Telephone Line
	Telephone Riser
	Telephone Manhole
	Cable TV Line
	Cable TV Box
	Utility Manhole
	Wood Fence
	Wire Fence
	Chainlink Fence
	Iron Fence
	Iron Pin
	Sign
	Flag Pole
	Bush
	Tree Trunk
	Deciduous Tree
	Coniferous Tree

EARTHWORK TABULATION	
COMMON EXCAVATION =	1,570 Cyd.
WASTE =	1,570 Cyd.

All R/W and Topo from Line "B" Unless Noted Otherwise



TBM 401
RAILROAD SPIKE SET IN POWERPOLE #5-251 ONE SIDE UP
±1.0' ON NORTHWEST CORNER OF INTERSECTION OF
CARROL RD & W 800 N.
Sta. 50+86.25 "B", 74.64' Lt., Elev. = 839.87'

ORIGINATING BENCHMARK:
BENCHMARK INFO
DESIGNATION - N 235
PID - KA0292
STATE/COUNTY - IN/MARION
USGS QUAD - INDIANAPOLIS EAST (1980)

VERT ORDER - FIRST CLASS II

DESCRIBED BY COAST AND GEODETIC SURVEY 1947
AT FORT BENJAMIN HARRISON.
AT FORT BENJAMIN HARRISON, ALONG THE NEW YORK
CENTRAL RAILROAD, 58 FEET NORTH OF THE NORTH
CORNER OF THE STATION, 49 FEET NORTHWEST OF THE
NORTHWEST RAIL, 18.5 FEET WEST OF THE WEST CURB
OF A PAVED STREET, 21 FEET NORTHWEST OF A CROSSING
GATE AND FLASHER SIGNAL POLE, 5 FEET SOUTHEAST OF
POWER POLE NO. 80/781, 2 FEET EAST OF A WHITE WOODEN
WITNESS POST, 1 FOOT BELOW THE TRACK AND SET IN THE
TOP OF A CONCRETE POST PROJECTING 6 INCHES

ELEVATION = 870.60 (NAVD 88)	
HORIZONTAL SCALE	
1"=20'	
VERTICAL SCALE	
1"=5'	
SHEETS	
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PROJECT	
CR 800 N RECONSTRUCTION	

PFC
PLANS

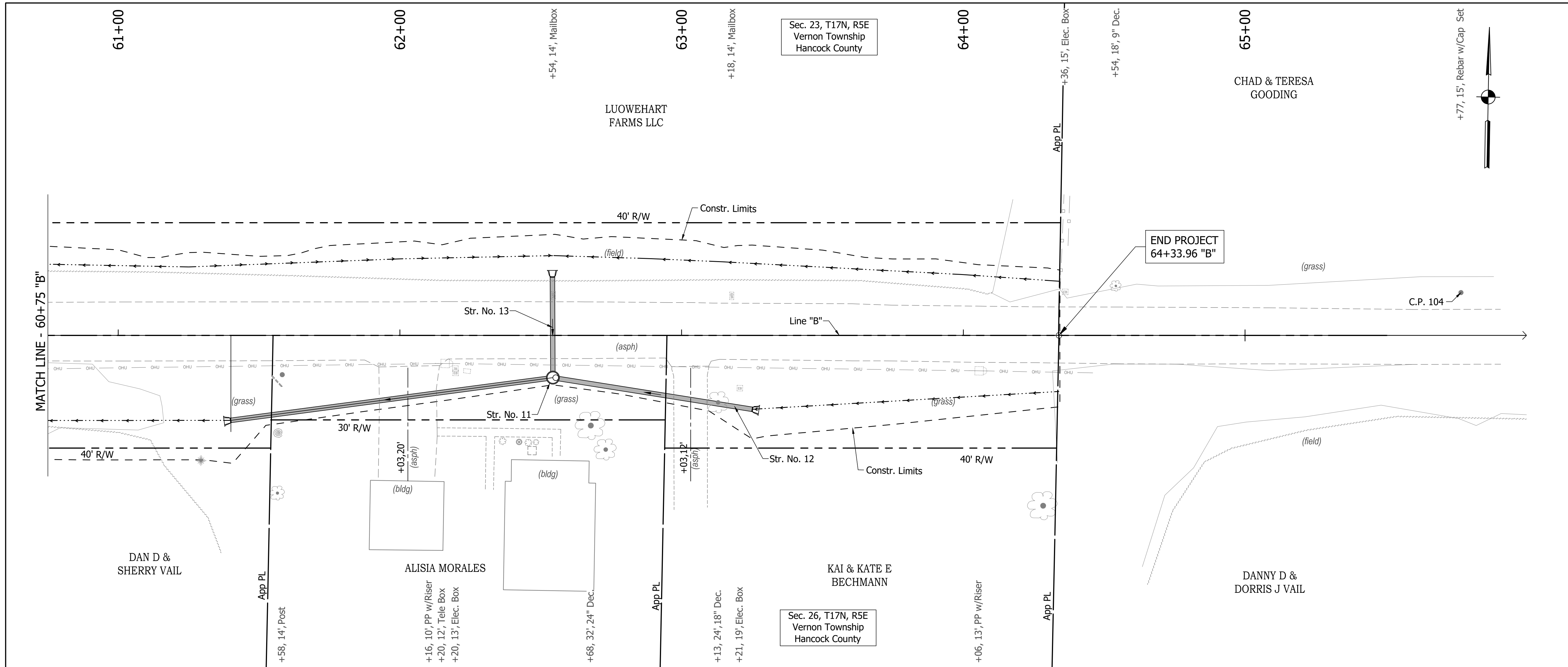
RECOMMENDED FOR APPROVAL	
DESIGNED: MJS	DRAWN: CRE
CHECKED: MAM	CHECKED: MJS

TOWN OF MCCORDSVILLE	
PLAN & PROFILE LINE "B"	

(A) TOP NUT OF HYDRANT, 100.64'	
(B) NE FACE OF STOP SIGN UP ±1.0', 38.89'	
(C) NE CNRR OF ±8.0' TALL BRICK SIGN, 172.92'	
(D) T.B.M. 401, RR SPIKE SET ON E SIDE OF PP UP ±1.0', 44.94'	
N = 208767.0225 E = 748683.5198	
CONTROL POINT 101 (REBAR W/CAP) - O.P.O.T. STA. 21+55.68', 26.59' RT. LINE "A"	

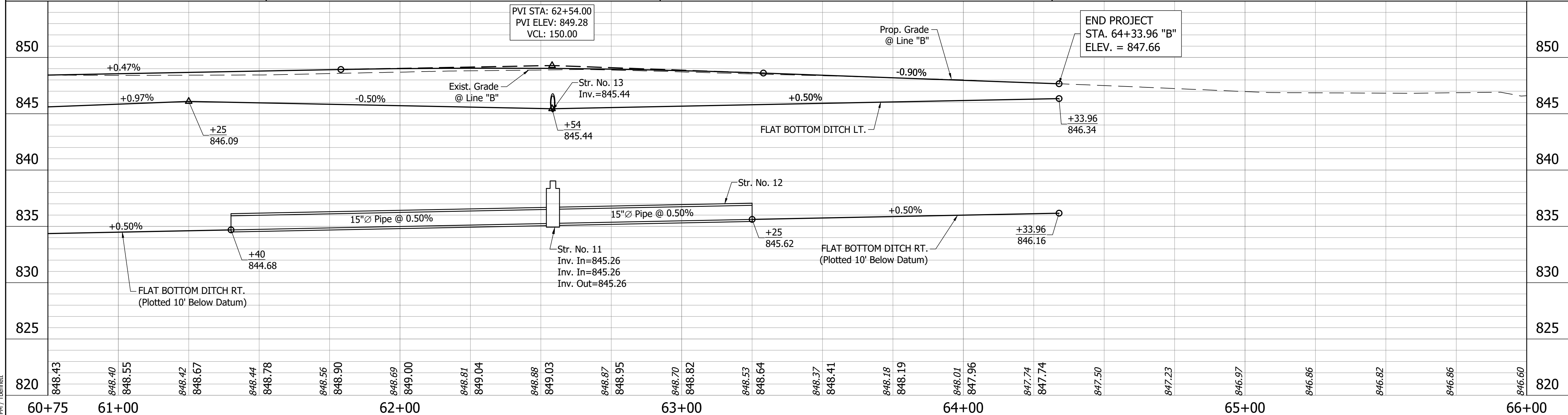
(A) TOP NUT OF HYDRANT, 100.64'	
(B) NE FACE OF STOP SIGN UP ±1.0', 38.89'	
(C) NE CNRR OF ±8.0' TALL BRICK SIGN, 172.92'	
(D) T.B.M. 401, RR SPIKE SET ON E SIDE OF PP UP ±1.0', 44.94'	
N = 208701.9250 E = 748980.6990	
CONTROL POINT 102 (MAG NAIL FND) - O.P.O.T. STA. 54+23.42', 15.14' RT. LINE "B"	

DIRECTORY PATH : R:\Active\McCordsville, Town\CR 800 N\Design\CAD\Plans
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LEGEND	
EXISTING	
● Storm Inlets	○ Light & Power Pole w/Riser
○ Storm Manhole	○ Guy Wire
--- Sanitary Manhole	--- Fiber Optic Line
--- Sanitary Cleanout	--- Telephone Line
○ Gas Line	--- Telephone Riser
○ Gas Valve	--- Telephone Manhole
○ Gas Meter	--- Cable TV Line
--- Water Line	--- Cable TV Box
--- Water Valve	--- Utility Manhole
○ Fire Hydrant	--- Wood Fence
○ Water Meter	--- Wire Fence
○ Sprinkler	--- Chainlink Fence
○ Irr. Valve	--- Iron Fence
--- Electric Line	--- Iron Pin
--- Electric Box	--- Sign
--- Overhead Utility Line	--- Flag Pole
--- Power Pole w/(Riser)	--- Bush
○ Light & Power Pole	--- Tree Trunk
○ Mailbox	--- Deciduous Tree
	--- Coniferous Tree

All R/W and Topo from Line "B" Unless Noted Otherwise



TBM 401
RAILROAD SPIKE SET IN POWERPOLE #5-251 ONE SIDE UP
±1.0' ON NORTHWEST CORNER OF INTERSECTION OF
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Sta. 50+86.25 "B", 74.64' Lt., Elev. = 839.87'

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VERT ORDER - FIRST CLASS II

DESCRIBED BY COAST AND GEODETIC SURVEY 1947
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CENTRAL RAILROAD, 58 FEET NORTH OF THE NORTH
CORNER OF THE STATION, 49 FEET NORTHWEST OF THE
NORTHWEST RAIL, 18.5 FEET WEST OF THE WEST CURB
OF A PAVED STREET, 21 FEET NORTHWEST OF A CROSSING
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POWER POLE NO. 80/781, 2 FEET EAST OF A WHITE WOODEN
WITNESS POST, 1 FOOT BELOW THE TRACK AND SET IN THE
TOP OF A CONCRETE POST PROJECTING 6 INCHES

ELEVATION = 870.60 (NAVD 88)	
HORIZONTAL SCALE	
1"=20'	
VERTICAL SCALE	
1"=5'	
SHEETS	
8	of 17
PROJECT	
CR 800 N RECONSTRUCTION	

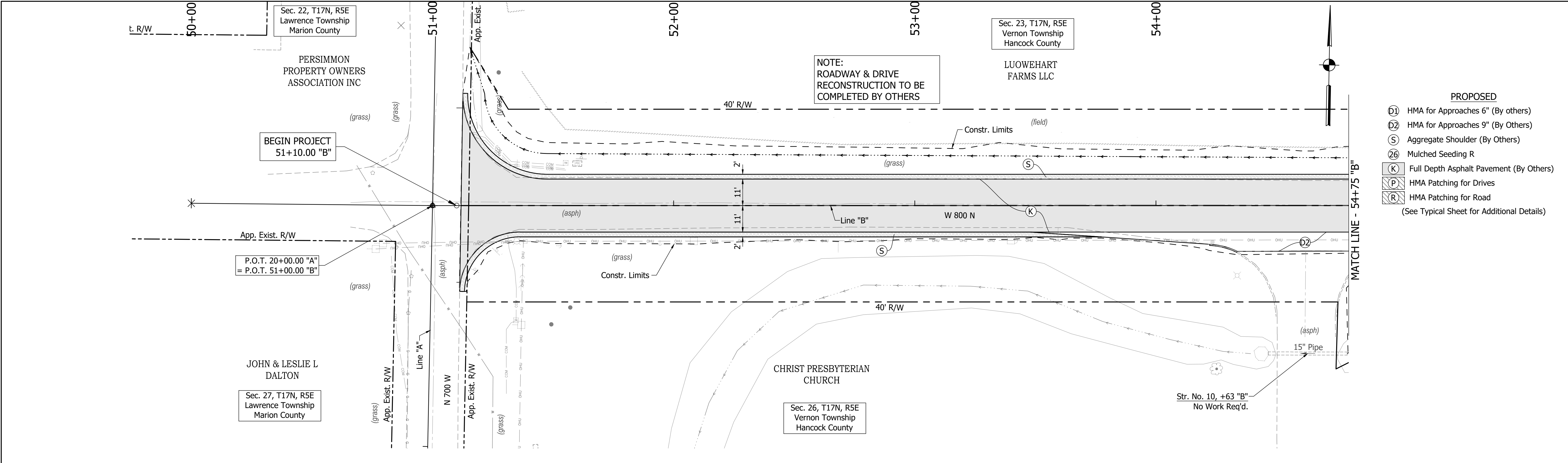
PFC
PLANS

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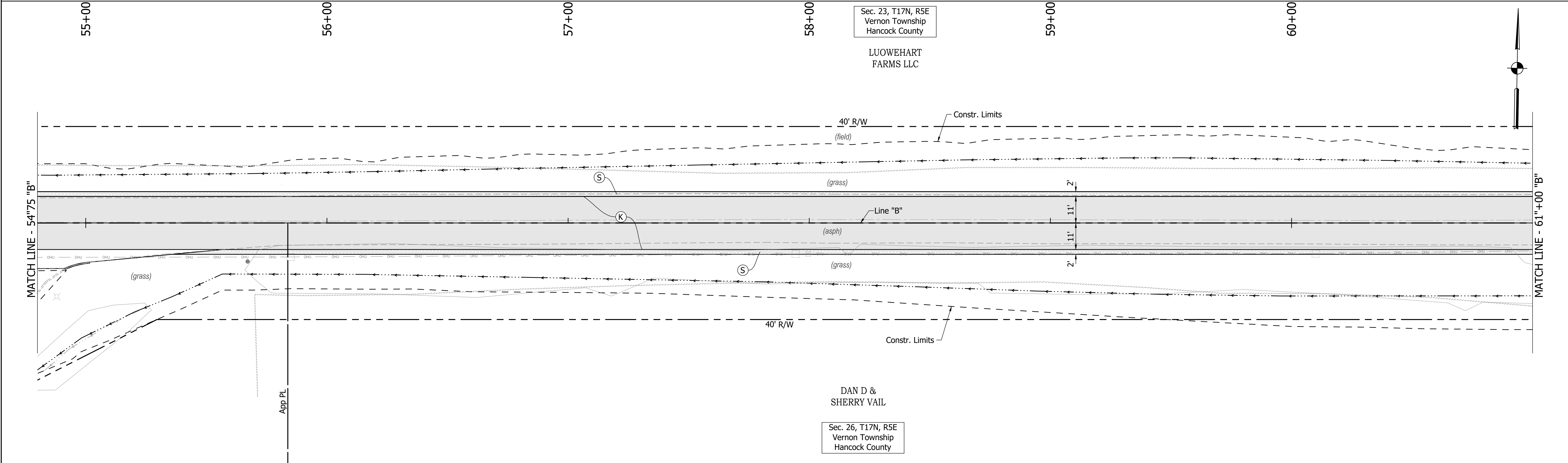
TOWN OF MCCORDSVILLE

PLAN & PROFILE
LINE "B"

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- PROPOSED
- D1 HMA for Approaches 6" (By Others)
 - D2 HMA for Approaches 9" (By Others)
 - S Aggregate Shoulder (By Others)
 - 26 Mulched Seeding R
 - K Full Depth Asphalt Pavement (By Others)
 - P HMA Patching for Drives
 - R HMA Patching for Road
- (See Typical Sheet for Additional Details)



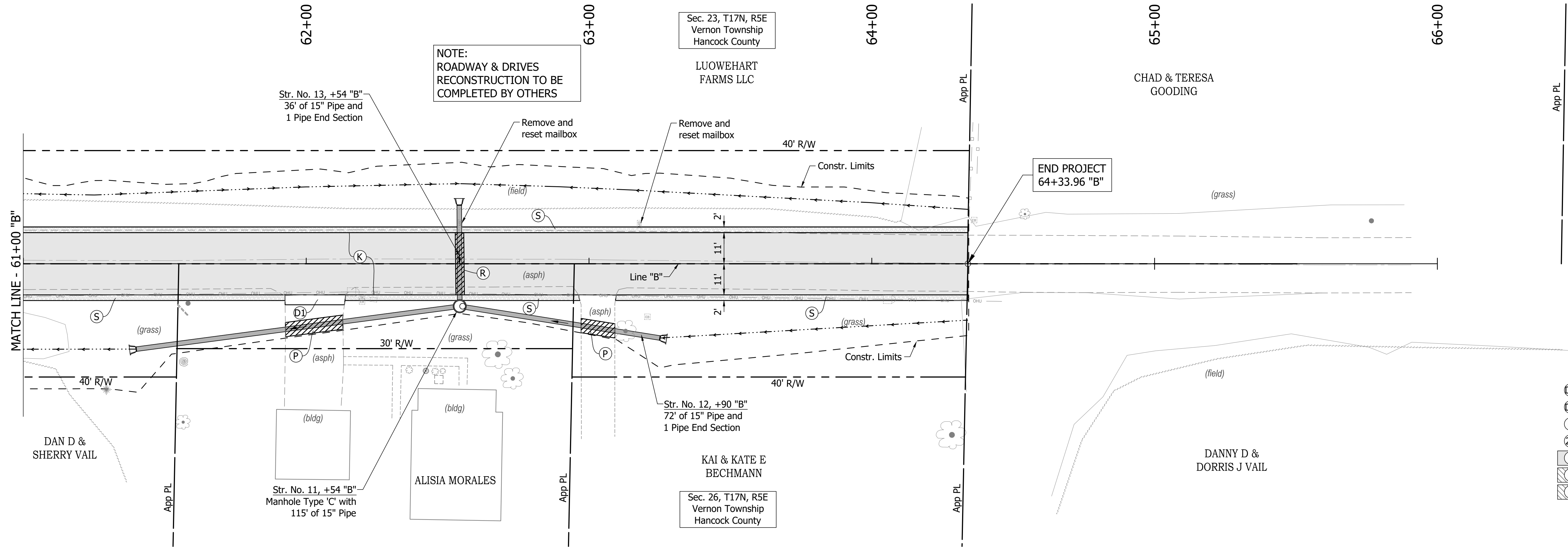
PFC
PLANS

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE
	DESIGNED: MJS	DRAWN: CRE	
CHECKED: MAM	CHECKED: MJS		

TOWN OF MCCORDSVILLE
CONSTRUCTION DETAILS

HORIZONTAL SCALE		
1"=20'		
VERTICAL SCALE		
N/A		
SHEETS		
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PROJECT		
CR 800 N RECONSTRUCTION		

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- PROPOSED**
- D1 HMA for Approaches 6" (By others)
 - D2 HMA for Approaches 9" (By Others)
 - S Aggregate Shoulder (By Others)
 - 26 Mulched Seeding R
 - K Full Depth Asphalt Pavement (By Others)
 - P HMA Patching for Drives
 - R HMA Patching for Road
- (See Typical Sheet for Additional Details)

PFC PLANS

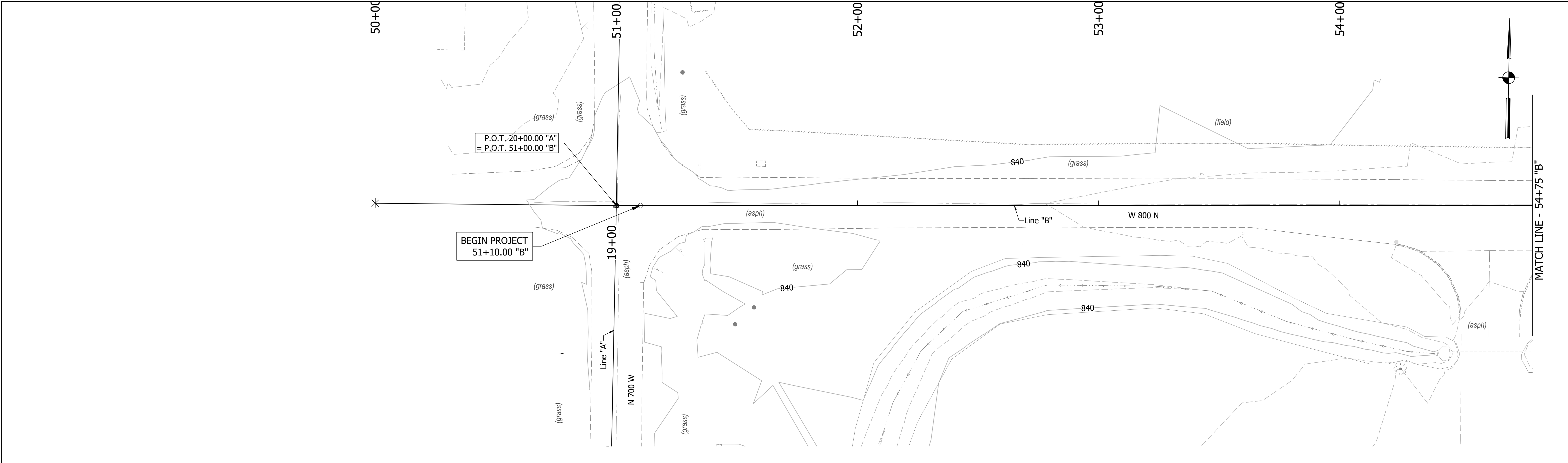
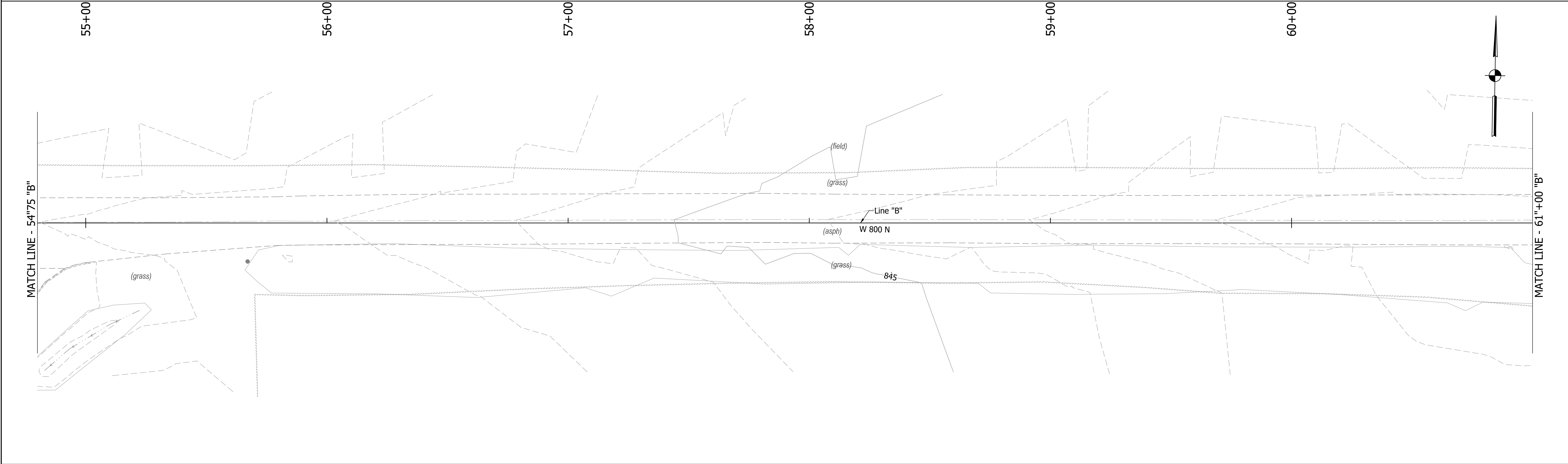
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CHECKED:	MAM	CHECKED:	MJS	

TOWN OF MCCORDSVILLE

CONSTRUCTION DETAILS

HORIZONTAL SCALE		
1"=20'		
VERTICAL SCALE		
N/A		
SHEETS		
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PROJECT		
CR 800 N RECONSTRUCTION		

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PFC PLANS

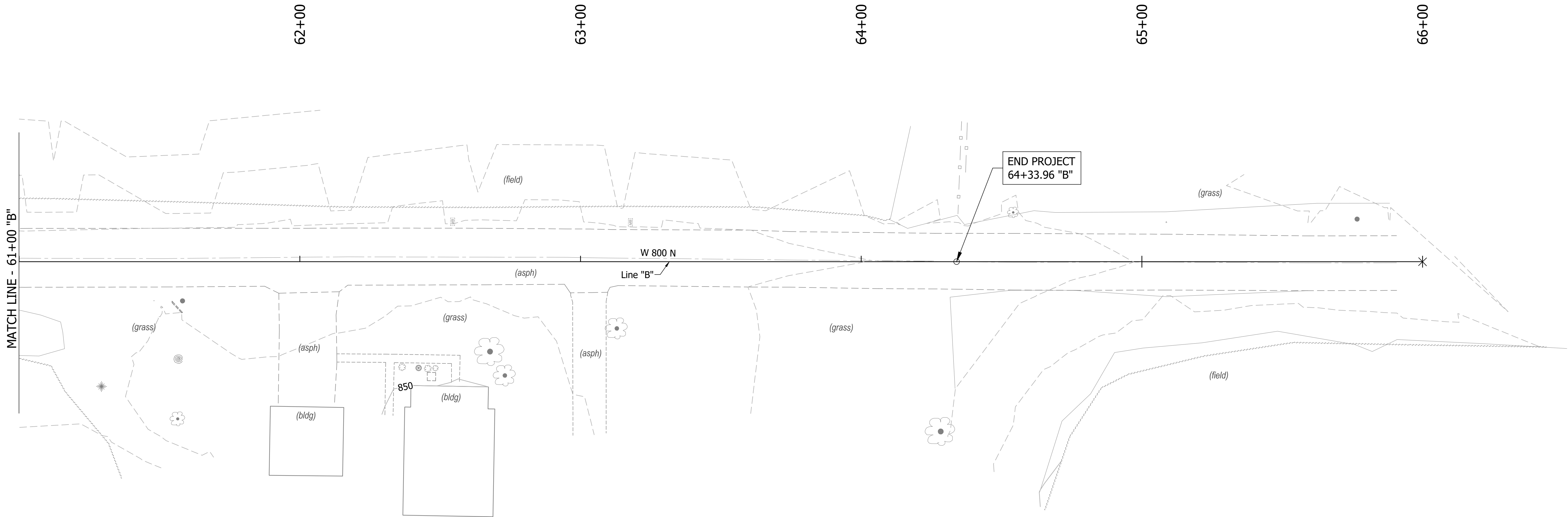
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TOWN OF MCCORDSVILLE

EROSION CONTROL - EXISTING

HORIZONTAL SCALE		
1"=20'		
VERTICAL SCALE		
N/A		
SHEETS		
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PROJECT		
CR 800 N RECONSTRUCTION		

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PFC PLANS

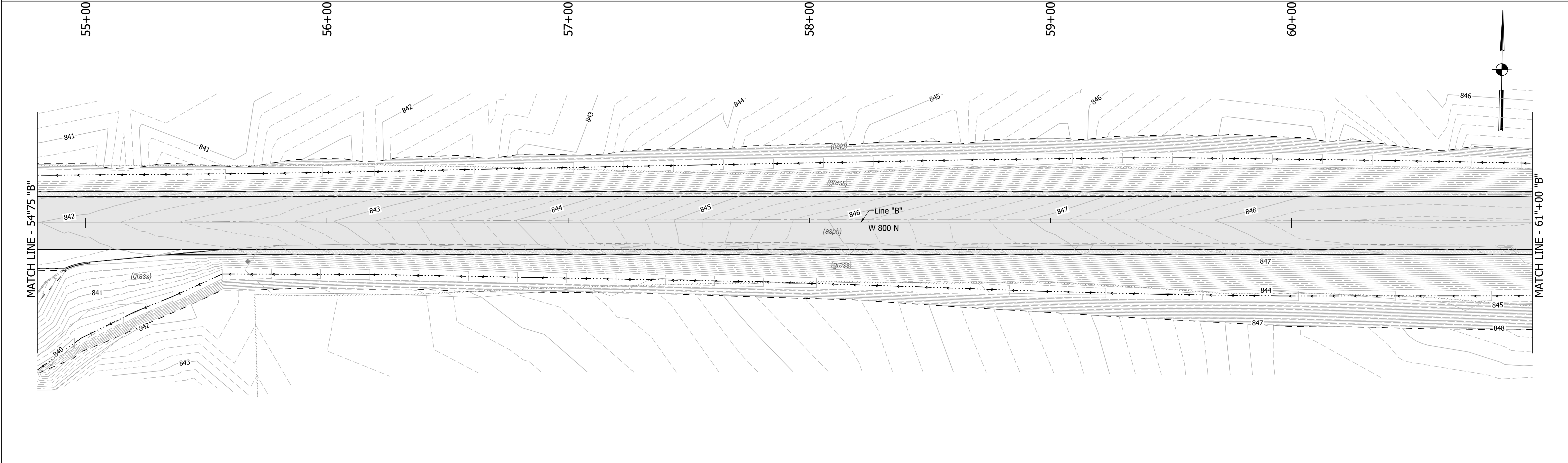
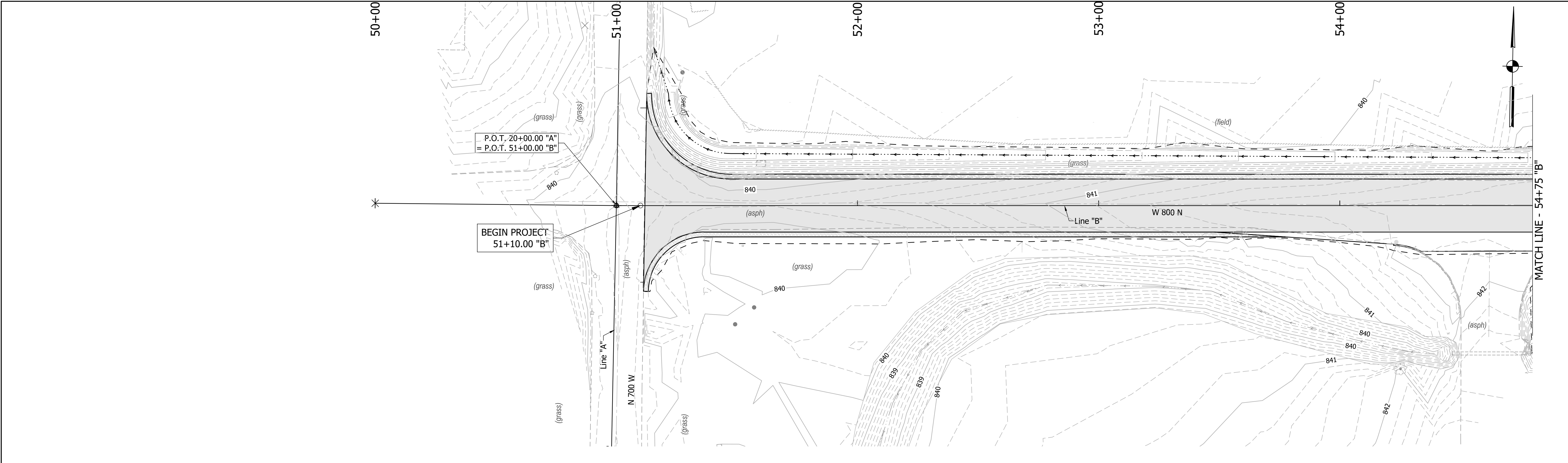
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DESIGN ENGINEER _____		DATE _____
DESIGNED: MJS _____	DRAWN: CRE _____	
CHECKED: MAM _____	CHECKED: MJS _____	

TOWN OF MCCORDSVILLE

EROSION CONTROL - EXISTING

HORIZONTAL SCALE		
1"=20'		
VERTICAL SCALE		
N/A		
SHEETS		
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PROJECT		
CR 800 N RECONSTRUCTION		

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PFC PLANS

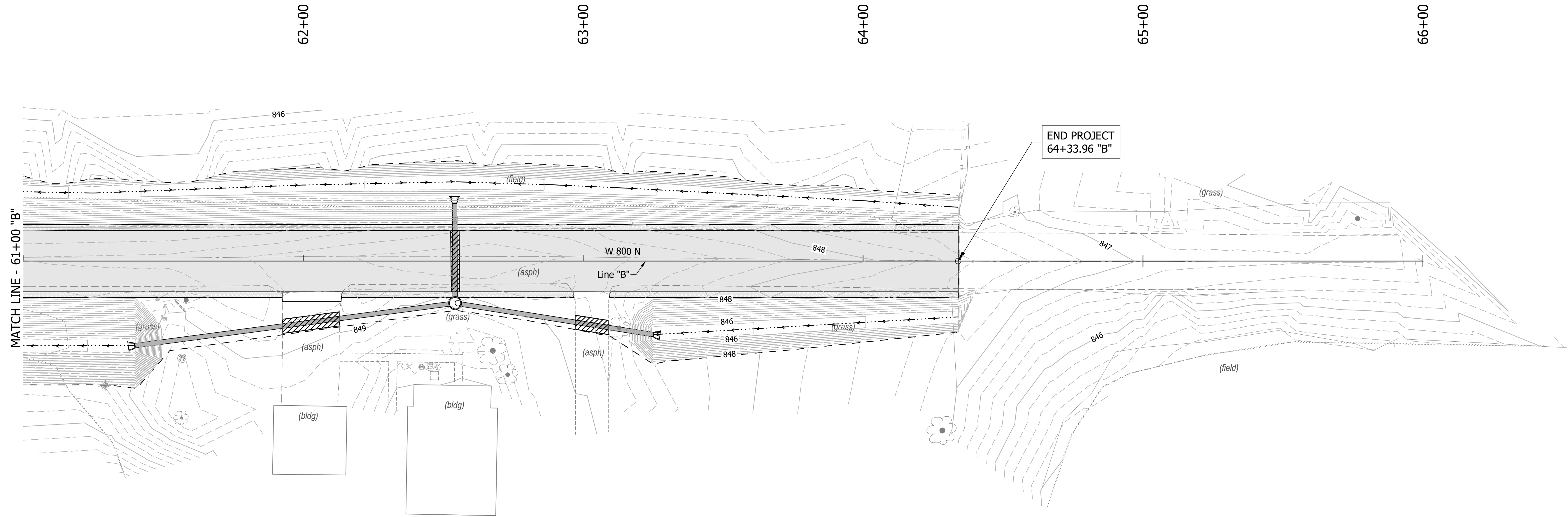
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DESIGNED:	MJS	DRAWN:	CRE	
CHECKED:	MAM	CHECKED:	MJS	

TOWN OF MCCORDSVILLE

EROSION CONTROL - PROPOSED

HORIZONTAL SCALE		
1"=20'		
VERTICAL SCALE		
N/A		
SHEETS		
13	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

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PFC PLANS

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DESIGNED:	MJS	DRAWN:	CRE	
CHECKED:	MAM	CHECKED:	MJS	

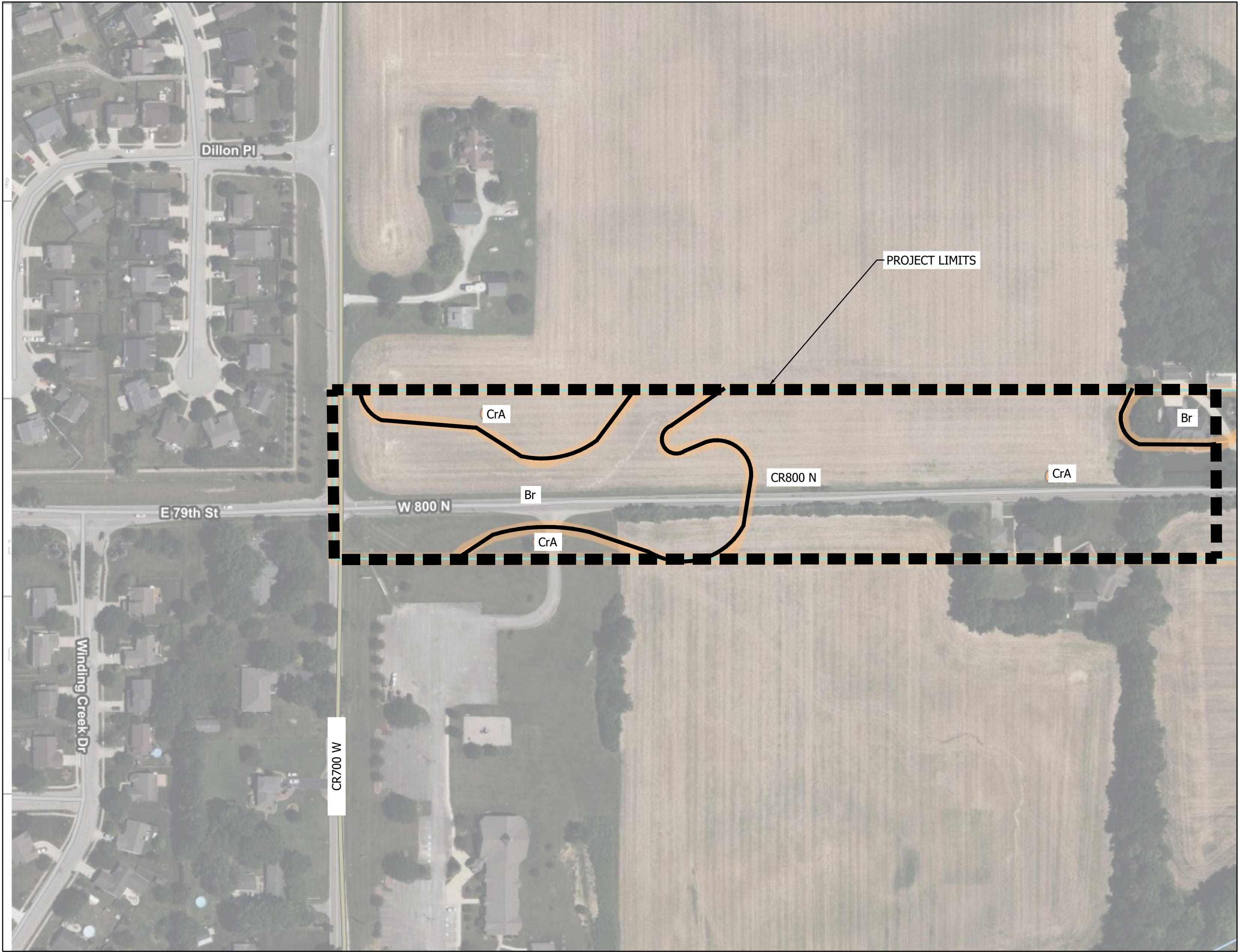
TOWN OF MCCORDSVILLE	
EROSION CONTROL - PROPOSED	

HORIZONTAL SCALE		
1"=20'		
VERTICAL SCALE		
N/A		
SHEETS		
14	of	17
PROJECT		
CR 800 N RECONSTRUCTION		

SWPP CONSTRUCTION PLAN ELEMENTS														
<div>A1 - PLAN INDEX</div> <div>Located on Sheet 2 of these plans.</div> <div>A2 - VICINITY MAP</div> <div>Located on Sheet 1 of these plans.</div> <div>A3 - NARRATIVE DESCRIBING THE NATURE AND PURPOSE OF THE PROJECT</div> <div>This project involves roadway construction along CR 800 N in the City of McCordsville, Hancock County, Indiana.</div> <div>A4 - LATITUDE AND LONGITUDE</div> <div>Located on Sheet 1 of these plans.</div> <div>A5 - LEGAL DESCRIPTION</div> <div>Located approximately 0.8 miles West of US36, in Sections 23 and 26, Township 17-N Range 5-E, Vernon Township, Hancock County, Indiana.</div> <div>A6 - PLAT NO. 1</div> <div>Located on Sheet 4 of these plans.</div> <div>A7 - 100 YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS</div> <div>The FEMA FIRM is located on Sheet 17 of these plans. The project does not affect a floodway.</div> <div>A8 - ADJACENT LAND USE</div> <div>Land use is commercial, agricultural, and residential.</div> <div>A9 - IDENTIFICATION OF US EPA APPROVED OR ESTABLISHED TMDL</div> <div>The project is located in the watershed for X which does not have and established TMDL.</div> <div>A10 - IDENTIFICATION OF RECEIVING WATER(S)</div> <div>Roadside ditches that ultimately discharge to Stransbury Ditch.</div> <div>A11 - IDENTIFICATION OF DISCHARGES TO CURRENT 303(d)</div> <div>No direct discharge to an impaired waterway on current 303(d) list.</div> <div>A12 - SOILS MAP INCLUDING SOIL DESCRIPTIONS AND LIMITATIONS.</div> <div>Located on Sheet 16 of these plans.</div> <div>A13 - LOCATION AND NAME OF ALL WETLANDS, LAKES, AND WATER COURSES ON OR ADJACENT TO SITE</div> <div>Unnamed roadside ditches</div> <div>A14 - IDENTIFICATION OF ANY STATE OR FEDERAL WATER QUALITY PERMITS</div> <div>Construction Stormwater General Permit (CSGP)</div> <div>A15 - IDENTIFICATION AND DELINEATION OF EXISTING COVER, INCLUDING BUFFERS</div> <div>Trees and grass exist in the area surrounding the project.</div> <div>A16 - EXISTING SITE TOPOGRAPHY</div> <div>Located on sheets 11-12 of these plans.</div> <div>A17 - LOCATION(S) WHERE RUN-OFF ENTERS THE PROJECT SITE</div> <div>The existing run-off enters the site on the north of the project site.</div> <div>A18 - LOCATION(S) WHERE RUN-OFF DISCHARGES FROM PROJECT SITE PRIOR TO LAND DISTURBANCE</div> <div>Water currently discharges via sheet flow from all areas of the project. Stormwater exits the project area to the Stransbury Ditch.</div> <div>A19 - LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE</div> <div>Existing storm sewer details are identified in the plans.</div> <div>A20 - EXISTING PERMANENT RETENTION OR DETENTION FACILITIES</div> <div>None.</div> <div>A21 - LOCATIONS OF POTENTIAL DISCHARGES TO GROUND WATER</div> <div>None.</div> <div>A22 - SIZE OF PROJECT AREA</div> <div>X Acres.</div> <div>A23 - TOTAL EXPECTED LAND DISTURBANCE</div> <div>X Acres.</div> <div>A24 - PROPOSED FINAL TOPOGRAPHY</div> <div>Proposed topography is located on sheets 6-8 of these plans.</div> <div>A25 - LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS</div> <div>The construction limits are the boundary of disturbed areas. These are located on sheet 6-8 of these plans.</div> <div>A26 - LOCATIONS, SIZE, AND DIMENSIONS OF ALL STORMWATER DRAINAGE SYSTEMS</div> <div>The stormwater system is located on sheet 6-8 of these plans.</div> <div>A27 - LOCATION OF SPECIFIC POINTS WHERE STORMWATER DISCHARGE WILL LEAVE SITE</div> <div>Discharge will leave the site at the X limits at approximate station X, and the X limits at approximate station X.</div> <div>A28 - LOCATION OF ALL PROPOSED SITE IMPROVEMENTS</div> <div>Located on sheets 9-10 of these plans.</div> <div>A29 - LOCATIONS OF PROPOSED SOIL STOCKPILES, BORROW, AND/OR DISPOSAL AREAS</div> <div>Locations to be determined during the project Pre-Construction meeting by the Contractor and approved by the Town of McCordsville. Permitting requirements shall be the responsibility of the Contractor.</div> <div>A30 - CONSTRUCTION SUPPORT ACTIVITIES</div> <div>Location of staging area shall be determined during the project Pre-Construction meeting. The Contractor shall select an appropriate location which will be approved by the Town of McCordsville. Staging area shall meet all permitting requirements and shall be the responsibility of the Contractor.</div> <div>A31 - LOCATION OF ANY IN-STREAM ACTIVITIES THAT ARE PLANNED FOR THE PROJECT</div> <div>None.</div> <div>B1 - POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES</div> <div>There is a potential for pollutants associated with construction machinery including diesel fuel, hydraulic fluid, engine oils and lubricants, antifreeze, and other petroleum products. It is unavoidable for a small amount of these pollutants to contaminate soil in the grading and construction of the side. Sediment pollution from the site disturbing activities shall be remedied by erosion control measures (see following sections).</div> <div>B2 - CONSTRUCTION ENTRANCES</div> <div>A line item for No. 2 Stone has been established to be utilized by the Contractor as needed for construction entrances throughout the jobsite. These entrances will be determined by the Contractor with approval from the Town of McCordsville</div> <div>B3 - TEMPORARY AND PERMANENT STABILIZATION</div> <div>No un-vegetated areas shall be exposed for more than seven days. Reference INDOT Standard Specifications Section 205 for Temporary Stabilization and Section 621 for Permanent Stabilization.</div> <div>B4 - SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS</div> <div>Traversable check dam locations are shown on the plans on sheet X. Reference INDOT Standard Specifications Section 205 and Standard Drawing E 205-TECD-08.</div> <div>B5 - SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS</div> <div>Silt fence locations are shown on the plans on sheet X. Reference INDOT Standard Specifications Section 205 and Standard Drawing E 205-TECD-11.</div> <div>B6 - RUNOFF CONTROL MEASURES</div> <div>B4 and B5 discuss the type of run-off control measures utilized for this project.</div>			<div>B7 - STORM WATER OUTLET PROTECTION MEASURES</div> <div>Outlet protection measures such as riprap are shown on the plans on sheet 13-14. Reference INDOT Standard Specifications Section 616.</div> <div>B8 - GRADE STABILIZATION STRUCTURE LOCATIONS AND SPECIFICATIONS</div> <div>No grade stabilization structures are required for this project.</div> <div>B9 - DEWATERING APPLICATIONS AND MANAGEMENT</div> <div>No dewatering applications are required for this project.</div> <div>B10 - MEASURES UTILIZED FOR WORK WITHIN WATERBODIES</div> <div>There is no work proposed within a waterbody.</div> <div>B11 - MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE</div> <div>Monitoring and Maintenance shall be within 24 hours of every $\frac{1}{2}$" or more rain event. Reference INDOT Standard Specifications Section 205 for maintenance guidelines for silt fence, inlet protection, and traversable check dams.</div> <div>B12 - SEQUENCE OF STORMWATER QUALITY MEASURE IMPLEMENTATION</div> <div>1. Silt fence and traversable check dams shall be placed as shown in these plans. 2. Install inlet protection and riprap for proposed stormwater drainage structures. 3. No un-vegetated areas should be exposed for more than seven days. 4. Erosion control measures shall remain in place until 70% uniform vegetation is established.</div> <div>B13 - EROSION AND SEDIMENT CONTROL MEASURES FOR INDIVIDUAL BUILDING LOTS</div> <div>Not Applicable.</div> <div>B14 - MATERIAL HANDLING AND SPILL PREVENTION</div> <div>See the Potential Stormwater Pollutants/Material Handling and Spill Prevention Table this sheet. IDEM Emergency Response - 1-888-233-7745. Spill prevention shall be accomplished by utilizing spillguards for equipment fueling and servicing operations. Spillguards shall be constructed of a material resistant petroleum products (including diesel fuel and oil). On-site fuel storage tanks shall have emergency storage capacity directly below the tank in case of rupture. Any hazardous material spillage shall be collected and/or cleaned immediately by a trained individual and disposed in accordance with all federal, state, and local regulations. McCordsville Community Fire Department - 317-335-9236.</div> <div>B15 - MATERIAL HANDLING AND STORAGE PROCEDURES</div> <div>For each construction phase, the Contractor shall designate a concrete washout area within the project limits and shall be fifty feet from any storm drain, open ditch, or body of water. Contractor shall store all materials/chemicals during the project in a secure, ideally covered area, utilizing secondary containment, ensuring all trash is appropriately disposed of, etc.</div> <div>C1 - PROPOSED POLLUTANTS AND SOURCES ASSOCIATED WITH PROPOSED LAND USE</div> <div>There is a potential for pollutants from vehicles including fuel, hydraulic fluid, engine oils, lubricants, antifreeze and other petroleum products. There are also the potential hazards of road salt, litter, etc.</div> <div>C2 - DESCRIPTION OF PROPOSED POST-CONSTRUCTION STORM WATER QUALITY MEASURES</div> <div>Riprap will be placed where shown on the plans. Permanent seeding will prevent erosion on mild slopes. Riprap will prevent erosion at the ends of pipes and on more severe slopes. Both will also filter sediments and other pollutants.</div> <div>C3 - LOCATION, DIMENSIONS, SPECIFICATIONS, AND CONSTRUCTION DETAILS OF EACH STORM WATER QUALITY MEASURE</div> <div>Riprap and sodding locations are shown on the plans. Reference typical cross section sheets for ditch details. Reference INDOT specification sections 616 and 621 for seeding. All storm sewer locations shown are in the plans.</div> <div>C4 - SEQUENCE DESCRIBING STORM WATER QUALITY MEASURES IMPLEMENTATION</div> <div>Riprap will be placed immediately after pipe placement or ditch grading where designated on the plans. Permanent seeding will be placed when proposed grades are met and there is no other significant construction in the immediate area.</div> <div>C5 - DESCRIPTION OF MAINTENANCE GUIDELINES FOR POST-CONSTRUCTION STORM WATER QUALITY MEASURES</div> <div>Ditches shall be kept free of litter and other debris. Grass shall be mowed regularly and inspected for dead spots, excessive erosion, etc. These areas shall be repaired immediately.</div> <div>C6 - ENTITY RESPONSIBLE FOR OPERATION AND MAINTENANCE OF POST-CONSTRUCTION MEASURES</div> <div>The Town of McCordsville.</div>			<div>FOR EACH CONSTRUCTION PHASE, THE CONTRACTOR SHALL DESIGNATE A CONCRETE WASHOUT AREA WITHIN THE CONSTRUCTION LIMITS. THE WASHOUT AREA SHALL BE SUBJECT TO THE APPROVAL OF THE PROJECT ENGINEER/PROJECT SUPERVISOR. THE WASHOUT AREA SHALL BE FIFTY FEET FROM ANY STORM DRAIN, OPEN DITCH, OR BODY OF WATER. RUNOFF SHALL BE PREVENTED THROUGH CONSTRUCTION OF A PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE. ALL CONCRETE TRUCKS SHALL BE REQUIRED TO WASHOUT AT THE DESIGNATED LOCATION. AFTER THE CONCRETE HAS SET THE WASTE SHALL BE BROKEN INTO SMALL ENOUGH PIECES FOR PROPER DISPOSAL. THE CONTRACTOR SHALL ENSURE THAT THE STORM WATER COLLECTION SYSTEM IS PROTECTED BY APPROPRIATE EROSION CONTROL MEASURES IN ACCORDANCE WITH 205.</div> <div>Notes:</div> <div><div>1. Storm Water Pollution Prevention (SWPP) checklist corresponds to the IDEM, Office of Water Quality Construction Stormwater General Permit (CSGP) Prevention Plan Development Guidance dated March 8, 2022.</div><div>2. The contractor shall use the SWPP checklist as a guide in preparing the SWPP plan required for CSGP procedures.</div><div>3. A site specific SWPP is to be submitted by the Contractor to the project sponsor prior to earth moving if any adjustments to the plan herein are requested.</div><div>4. The location of staging area and concrete washout area are to be submitted by the contractor and approved by the project sponsor.</div><div>5. One Mobilization and Demobilization for seeding (LSUM) are estimated.</div><div>6. Contractor is to maintain clean roadways of all tracked construction materials and sediment throughout the day and at the end of each work day.</div><div>7. INDOT Specification book shall be on site at all times.</div><div>www.in.gov/dot/div/contracts/standards/drawings/index.html</div></div>								
PFC PLANS	RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____		TOWN OF MCCORDSVILLE			HORIZONTAL SCALE				
										N/A				
										VERTICAL SCALE				
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		DESIGNED: MJS		DRAWN: CRE				STORM WATER POLLUTION PREVENTION CONSTRUCTION PLAN					SHEETS	
		CHECKED: MAM		CHECKED: MJS				ELEMENTS AND GENERAL NOTES					15 of 17	
													PROJECT	
													CR 800 N RECONSTRUCTION	

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PLANS

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Map Unit Legend			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Br	Brookston silty clay loam, 0 to 2 percent slopes	6.2	17.8%
CrA	Crooby silt loam, New Castle Ttl Flgn, 0 to 2 percent slopes	15.1	43.8%
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	3.5	10.1%
MpC3	Miami complex, 6 to 12 percent slopes, severely eroded	0.1	0.3%
So	Sloan silty clay loam	8.0	23.2%
YbwA	Brookston silty clay loam-Urban land complex, 0 to 2 percent slopes	0.1	0.2%
YcwA	Crooby silt loam-Urban land complex, 0 to 2 percent slopes	1.6	4.5%
Totals for Area of Interest		34.5	100.0%



PFC
PLANS

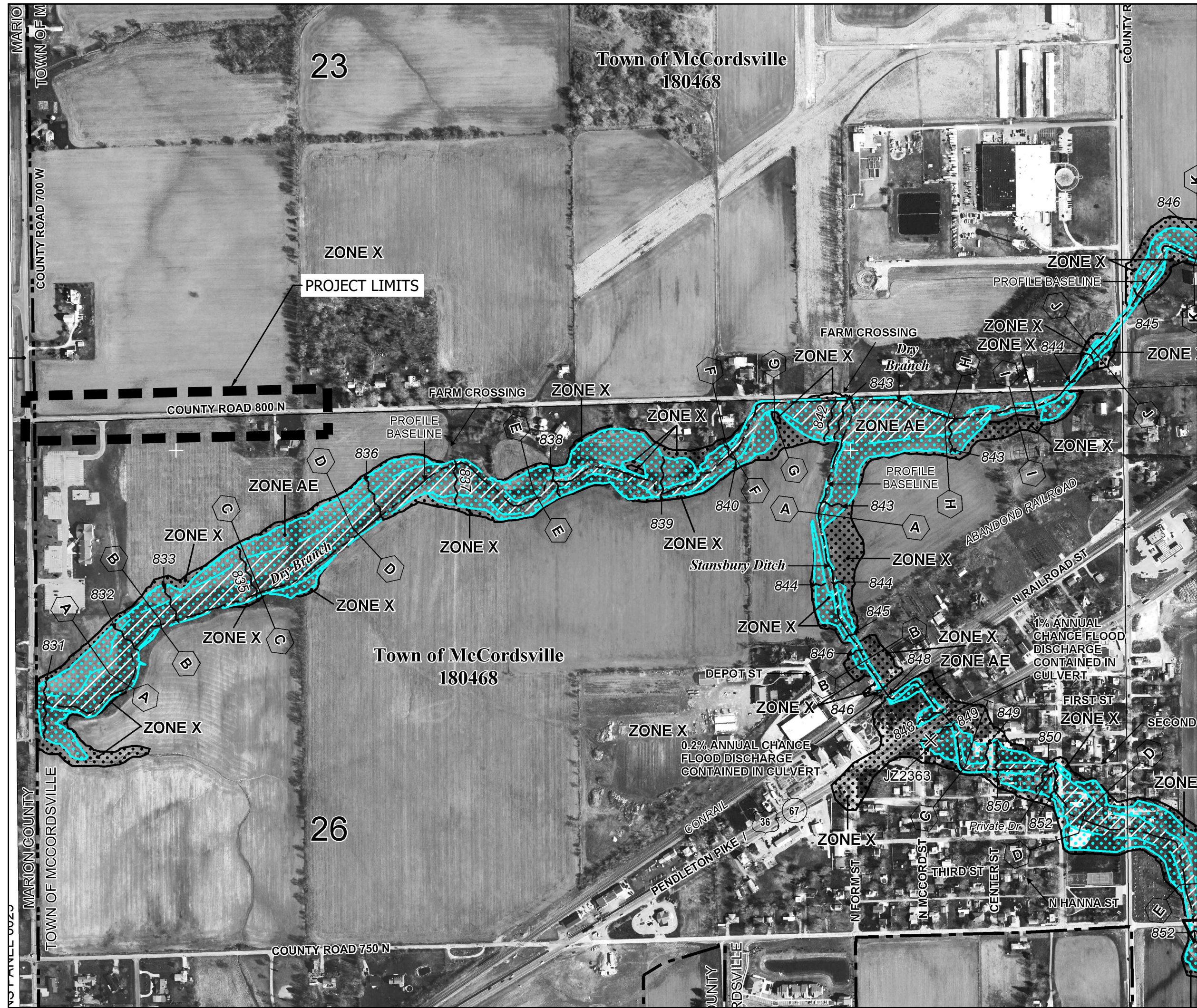
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TOWN OF MCCORDSVILLE

STORM WATER POLLUTION PREVENTION
CONSTRUCTION PLAN
SOIL MAP

HORIZONTAL SCALE		
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VERTICAL SCALE		
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PROJECT		
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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0018D

FIRM

FLOOD INSURANCE RATE MAP

HANCOCK COUNTY,
INDIANA

AND INCORPORATED AREAS


PANEL 18 OF 259

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HANCOCK COUNTY	180419	0018	D
MCCORDSVILLE, TOWN OF	180468	0018	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
18059C0018D

EFFECTIVE DATE
DECEMBER 4, 2007

Federal Emergency Management Agency

TOWN OF MCCORDSVILLE		HORIZONTAL SCALE	
		NTS	
		VERTICAL SCALE	
		N/A	
STORM WATER POLLUTION PREVENTION CONSTRUCTION PLAN FLOOD MAP		SHEETS	
		17 of 17	
		PROJECT	
		CR 800 N RECONSTRUCTION	

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equalled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Base Flood Elevation line and value; elevation in feet*
(EL 987) Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

Cross section line

Transect line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone 16

Bench mark (see explanation in Notes to Users section of this FIRM panel)

River Station

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP

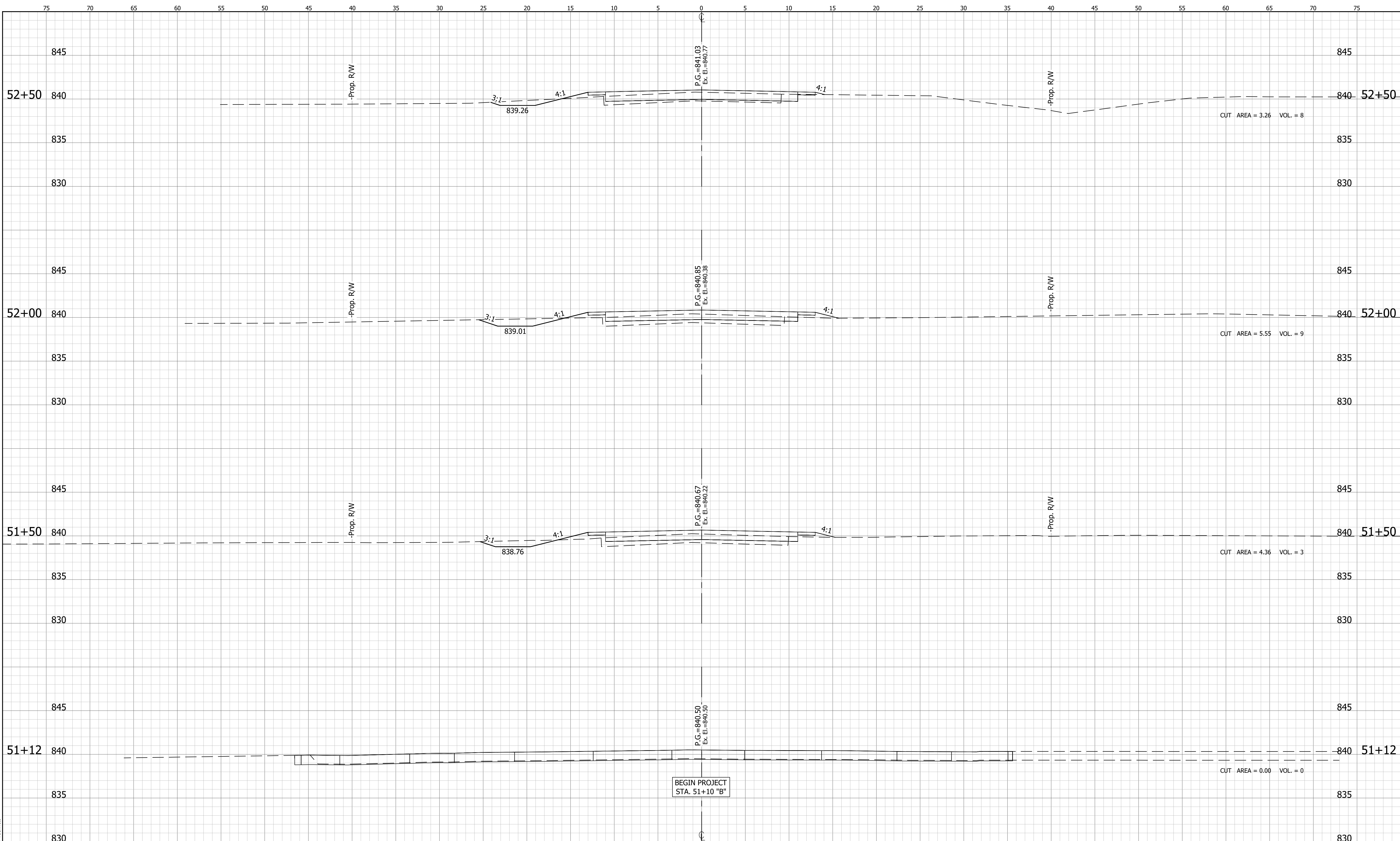
December 4, 2007

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TOWN OF MCCORDSVILLE

STORM WATER POLLUTION PREVENTION
CONSTRUCTION PLAN
FLOOD MAP



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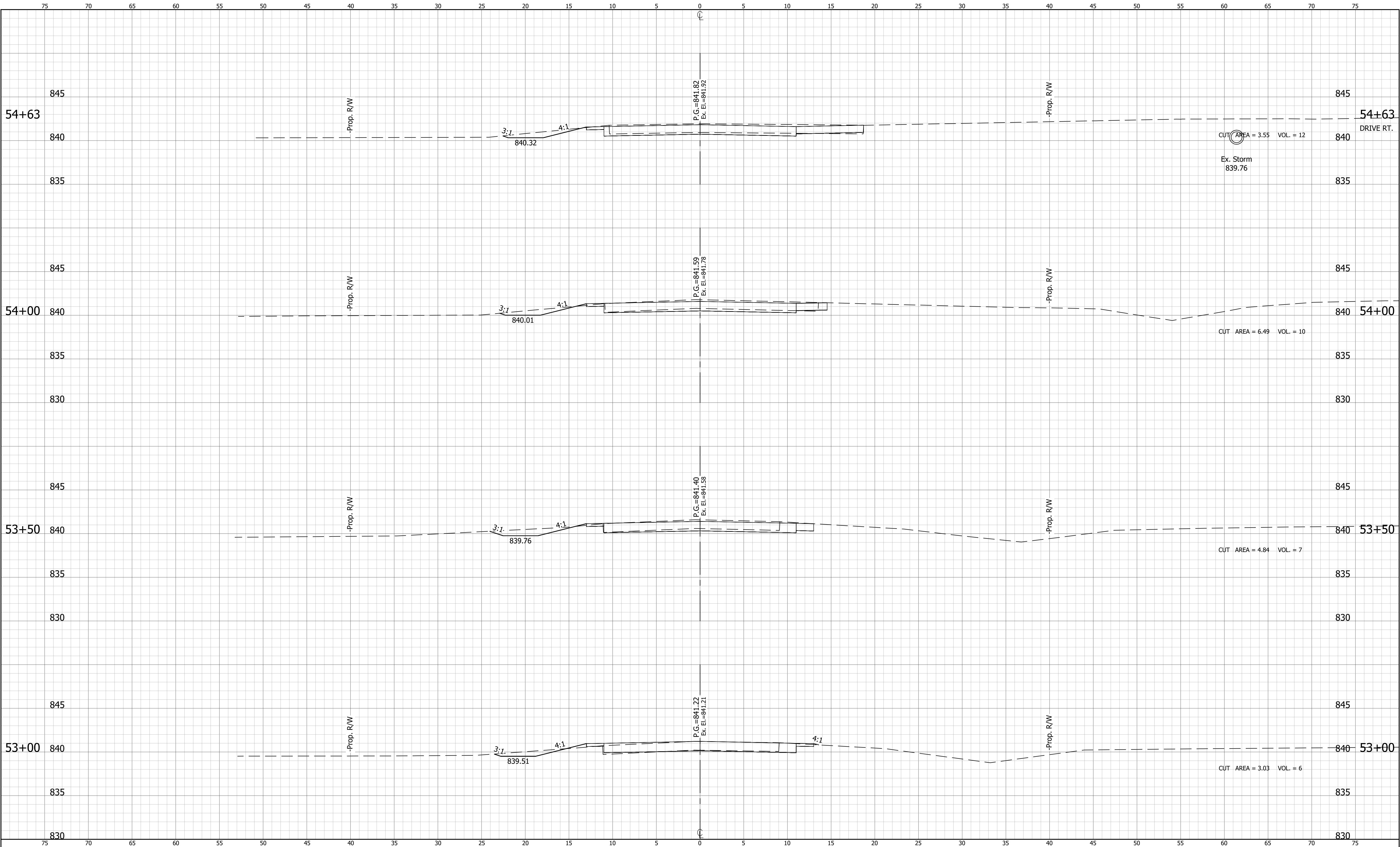
TOWN OF MCCORDSVILLE

CROSS SECTIONS
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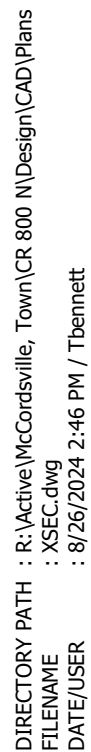


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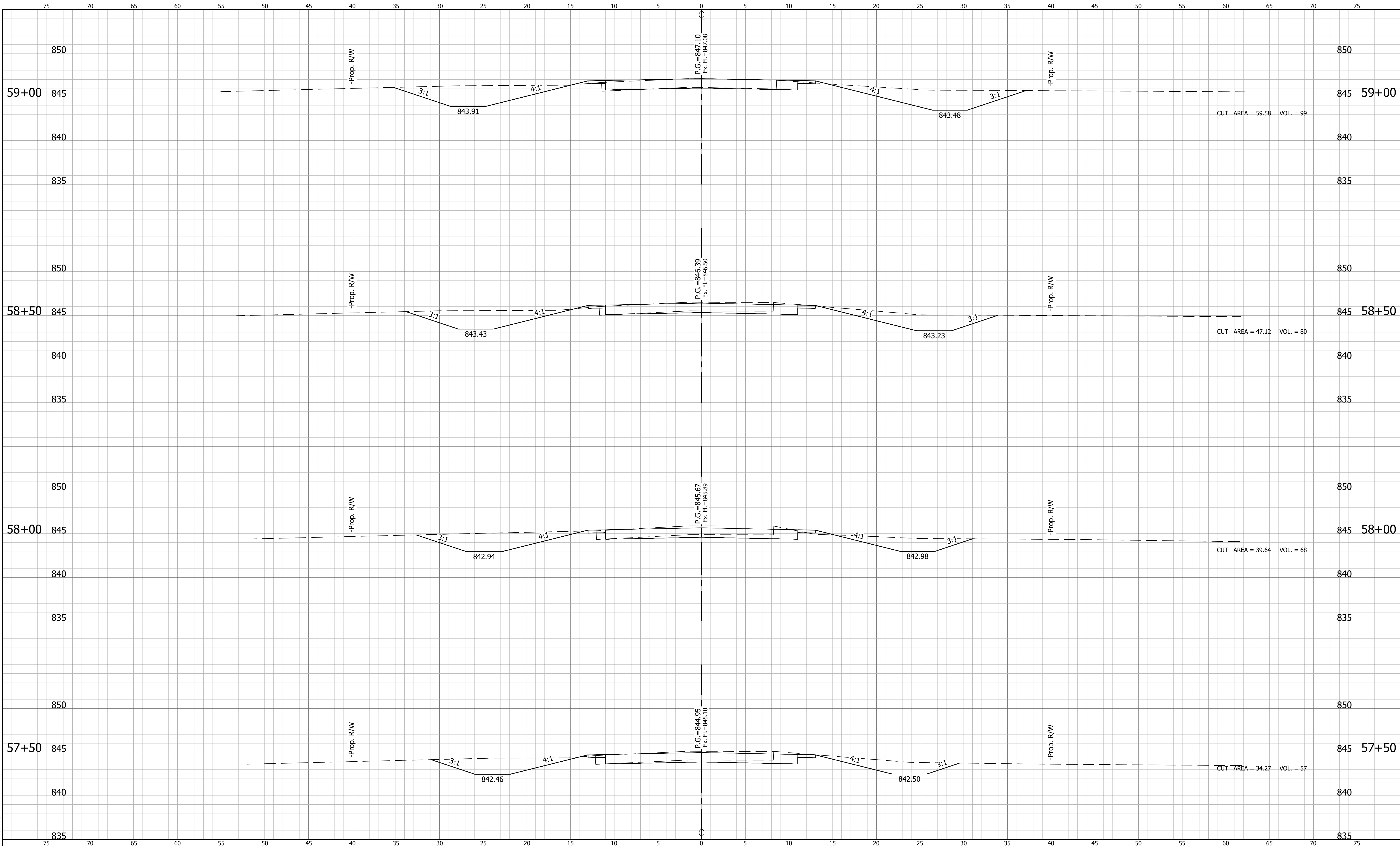
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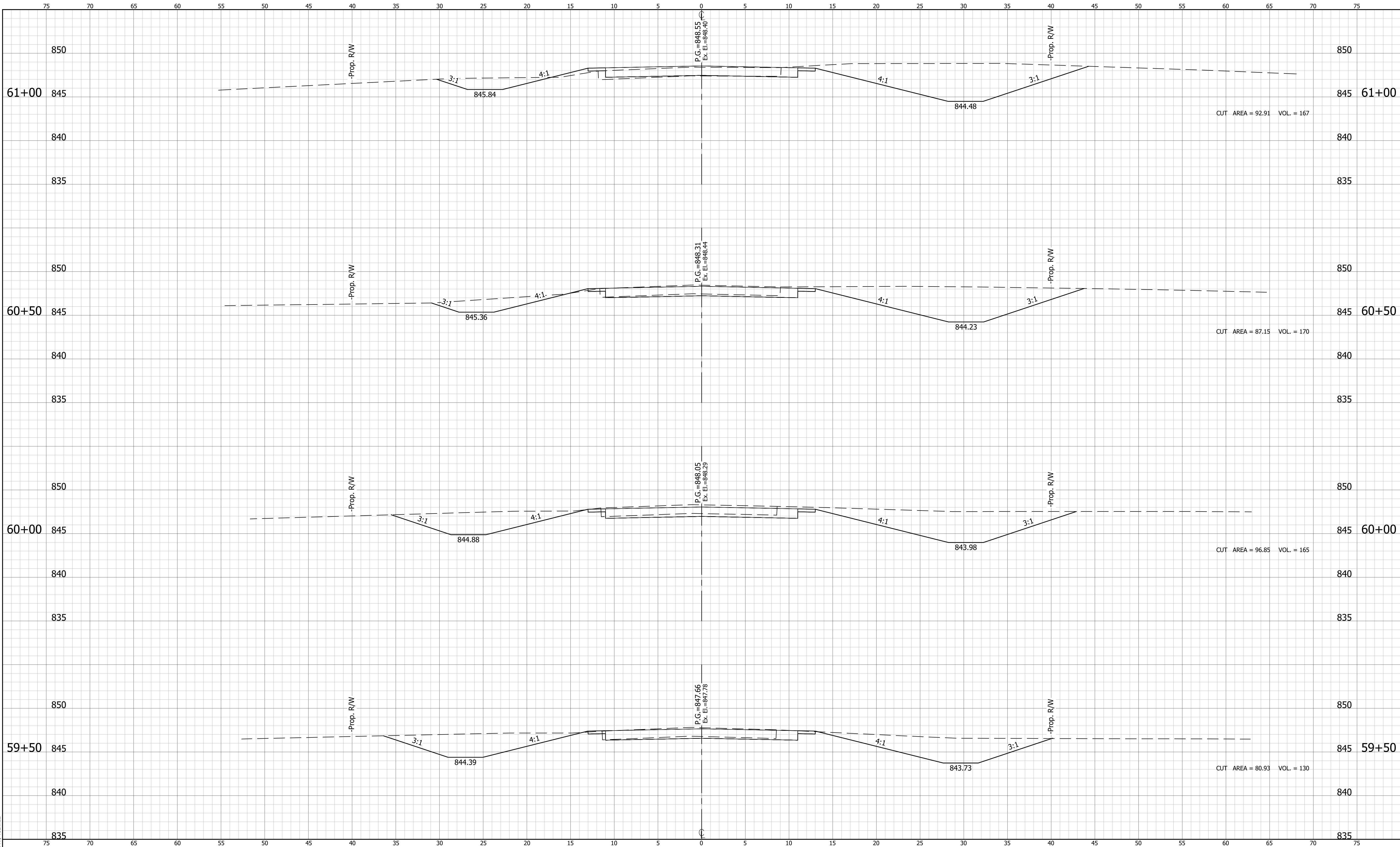
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TOWN OF MCCORDSVILLE

CROSS SECTIONS
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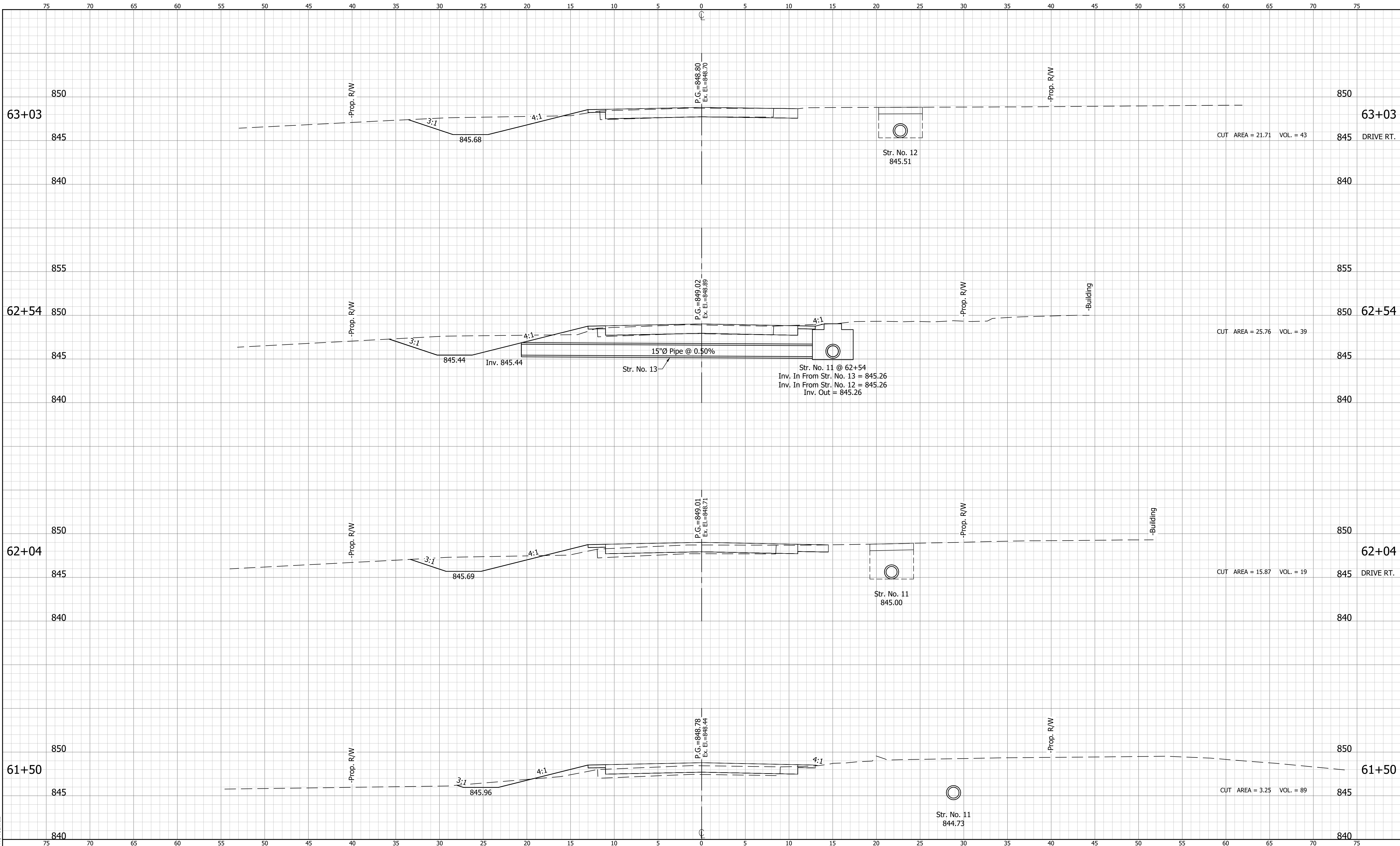
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TOWN OF MCCORDSVILLE

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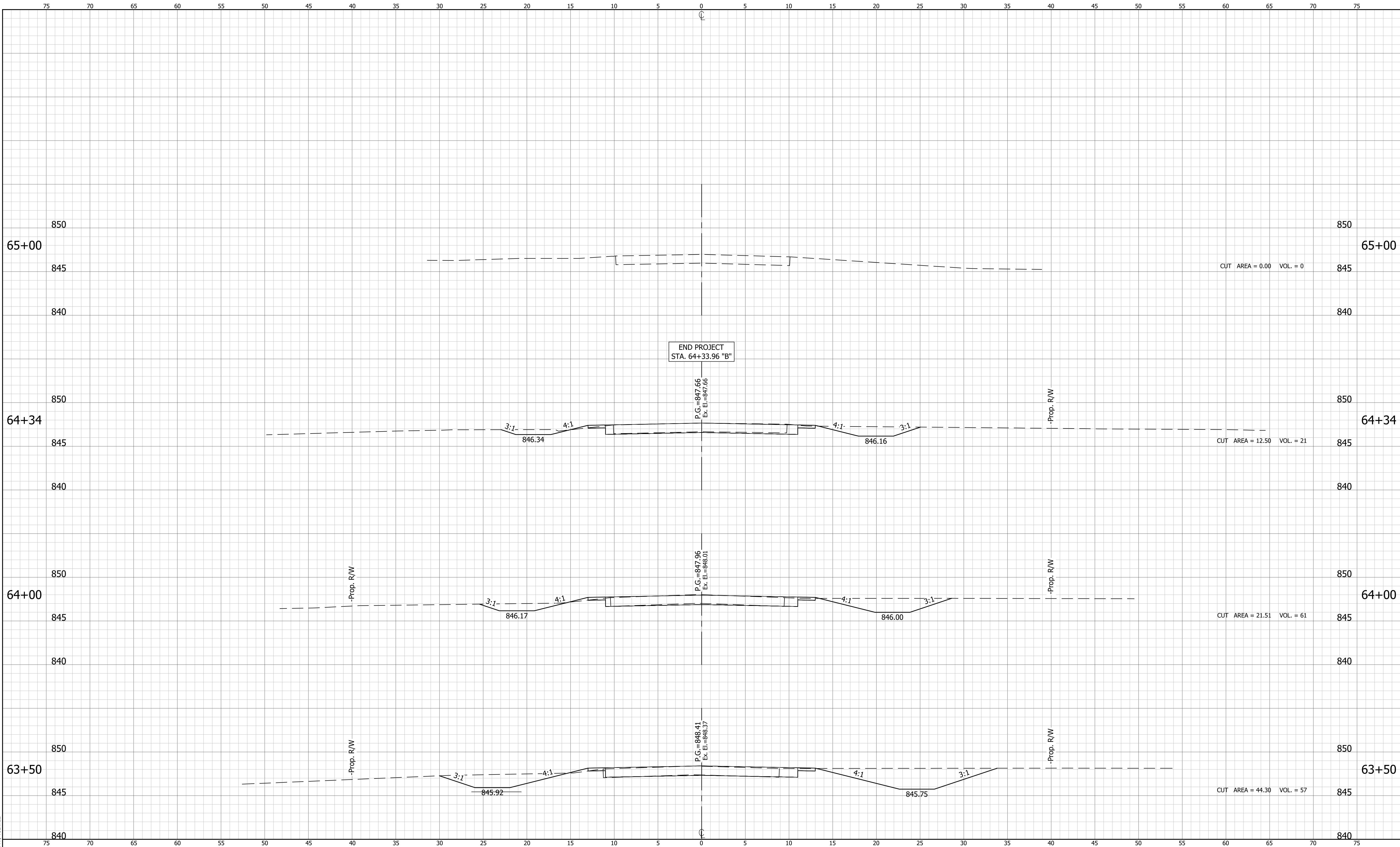
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TOWN OF MCCORDSVILLE

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XS6	of	XS7
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TOWN OF MCCORDSVILLE	
CROSS SECTIONS LINE "B"	

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VERTICAL SCALE 1"=5'	
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XS7	of XS7
PROJECT	
CR 800 N RECONSTRUCTION	