EXPANDED FOX PARK

Fox Park is a treasured community resource and destination for many generations of La Porte residents and visitors. Today, it represents one of the strongest assets to leverage in the City's pursuit of a healthier community and a more vibrant Clear Lake environment. The community showed overwhelming support for investments in this park that will enhance existing amenities through expanded recreational offerings and connections. Extending Polk Street to McClung Road will improve functionality and mobility around the park while alleviating vehicular pressure for the newly aligned Clear Lake Roadway. Clear Lake Road, a new roadway name, is realigned along existing Truesdell Avenue to serve as a park road encouraging lower vehicular speeds. Adjacent to this roadway is the Greenway Loop and shoreline enhancements. Additionally, the existing sports fields in Fox Park will be relocated to improve the function allowing for improved parking and service for park events.

- RELOCATED SPORTS FIELDS
- B REGIONAL FIELD
- C FOX PARK ENTRY
- POLK AVENUE EXTENSION
- TRUESDELL REALIGNMENT
- CLEAR LAKE ROAD
- G GREENWAY LOOP

- CLEAR LAKE WATER EXTENSION
- FOX PARK AMPHITHEATER
- BOAT LAUNCH
- K YMCA
- NEW PORTE LANDING DEVELOPMENT
- M THE STITCH



A REIMAGINED FOX PARK WITH ENHANCED ROADWAYS, TRAIL CONNECTIONS, AND ACTIVE PLAY

STATEMENT OF PROBABLE COSTS

AN EXPANDED FOX PARK								
AIT EXTAINDED TOX FAITI								
Fox Park Expansion								
Item	Unit	Quantity	Unit Cost	Total Cost				
Relocated Sports Fields								
Baseball "Stadium"	LS	1	\$ 800,000.0	\$ 800,000.00				
Softball Fields	LS	1	\$ 500,000.0	500,000.00				
Parking Lot (100 spot)	Space	100	\$ 5,000.0	500,000.00				
			Estimated Total	\$ 1,800,000.00				
			30% Contingency	\$ 540,000.00				
			Total with Contingency	\$ 2,340,000.00				





THE STITCH



LINCOLNWAY IMPROVEMENTS



AN EXPANDED FOX PARK



CLEAR LAKE ROADWAY IMPROVEMENTS

PROJECT	DESIGNATION
1601147	1601147
CONTRACT	BRIDGE FILE
R-39625	

INDIANA DEPARTMENT

CLEAR LAKE RO LAPOR

DESIGN OF

CITY OF LA PORTE BOARD OF PUBLIC WORKS AND SAFETY

TOM DERMODY DATE

JESSICA ROMINE DATE

MARK KOSIOR DATE

CITY ENGINEER

NICK MINICH, PE DATE



LOCATION



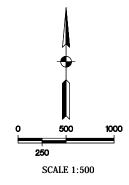
OF TRANSPORTATION

DADWAY PLANS RTE, IN

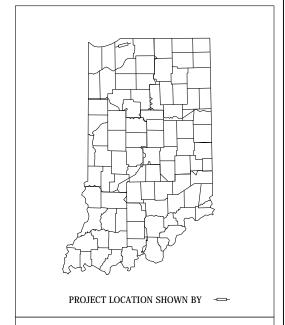
ESCRIPTION:

ROADWAY DUNTY, INDIANA.





TRAFFIC DATA	
A.A.D.T. (2010)	N/A
A.A.D.T. (PROJECTED 2022)	N/A
D.H.V. (2022)	N/A
DIRECTIONAL DISTRIBUTION	N/A
TRUCKS	N/A
DESIGN DATA	
DESIGN SPEED	25 M.P.H.
PROJECT DESIGN CRITERIA	ROAD
FUNCTIONAL CLASSIFICATION	ROAD
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



GROSS PROJECT LENGTH: X,XXX.X LF
NET PROJECT LENGTH: X,XXX.X LF
MAXIMUM ELEVATION: XX. XX
MINIMUM ELEVATION: XX.XX
MAXIMUM GRADE: X.00%
MINIMUM GRADE: 0.XX%
LATITUDE: XX°XX'XX" N
LONGITUDE: XX°XX'X" W

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2020 TO BE USED WITH THIS SET OF PLANS

ON MAP

dumet Avenue, Suite N300
Munster, Indiana 46321
Phone: 219.513.2500

PREPARED BY:	SHORT ELLIOTT HENDRICKSON, INC.	(219) 513-2500 PHONE
CERTIFIED BY:	4-17-2020 DATE	
APPROVED FOR LETTING:		
		DATE

	BRI	DGE I	TLE	
	DES	IGNAT	TION	
	1601147			
SURVEY BOOK	SHEETS			
	1 of 39			
CONTRACT	PROJECT			
R-39625	1601147			

	GENERAL	NOTES	:	
1.	THE CONTRACTOR SHALL PROVIDE FULL DEPTH SAW CUTS WHERE EXISTING PAVEMENT, CONCRETE OR ASPHALT IS TO BE REMOVED. THE CONTRACTOR SHALL PROVIDE ADEQUATE COMPACTED MATERIAL/GRAVEL AT SAW CUT EDGE TO SHORE UP AND PREVENT THE DEGRADATION OF THE EXISTING PAVEMENT TO REMAIN.	14.	WHERE SANITARY MANHOLES ARE LOCATED OUTSIDE OF PAVED AREAS, CO AROUND EACH CASTING SO THAT SURFACE WATER SHALL NOT DRAIN INTO	
	MAGE TO EXISTING PAVEMENT WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.		THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HEALTH AND SAFETY C SUBCONTRACTORS PER OSHA REGULATIONS AND ANY OTHER ORGANIZATIC	
2.	THE CONTRACTOR SHALL PLACE AND MAINTAIN A 6° GRAVEL BASE AT ALL PROPOSED ENTRANCES TO THE CONSTRUCTION SITE, PRIOR TO DEMOLITION.	16.	CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID FOR WORL	
3.	EROSION CONTROL PROVISIONS SHALL BE IN PLACE PRIOR TO ALL OPERATIONS. THE CONTRACTOR SHALL FOLLOW THE CITY'S REQUIREMENTS FOR THE PROJECT AND PRACTICES OUTLINED IN THE "INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS" REQUIRED FOR THE PREVENTION OF SOIL EROSION AND SEDIMENTATION WITHIN AND DOWNSTREAM OF THE CONSTRUCTION SITE. SAID PRACTICES AND REQUIREMENTS SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT.	17.	CONTRACTOR INDICATES THAT HE HAS VISITED THE SITE AND IS AWARE OF NO OPEN TRENCHES WILL BE ALLOWED IN THE EVENING AFTER DAILY CONS FINISHED, EXCEPT IN THE AREA OF THE TRENCHING BOX. CONTRACTOR TO FENCING AND NECESSARY WARNING SIGNAGE AROUND TRENCHING BOX AF	
4.	CONTRACTOR SHALL COORDINATE WITH THE CITY OF LA PORTE ENGINEERING AND UTILITY DEPARTMENTS	18.	CONTRACTOR SHALL NOTIFY THE CITY OF LA PORTE ENGINEERING AND UTI PRIOR TO THE INSTALLATION OF THE CONNECTION TO THE EXISTING STRUC	
	RELATIVE TO ALL WORK TO BE PERFORMED WITHIN THE PUBLIC RIGHT OF WAY, CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL MEASURES WITHIN PUBLIC RIGHT OF WAY AS REQUIRED.	19.	THE CONTRACTOR SHALL CLEAR AND GRUB ALL NON-PAVEMENT AREAS LO	
5.	ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO INDIANA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (IMUTCD), LATEST EDITION. AND INDIANA DEPARTMENT OF TRANSPORTATION STANDARD		CONSTRUCTION LIMITS IN ACCORDANCE WITH THE SPECIFICATIONS INC OF ALL DIAMETERS, SHRUBS, BUSHES AND MISCELLANEOUS DEBRIS NO THE PLANS.	
	SPECIFICATIONS AND STANDARD DRAWINGS, LATEST EDITION. ANY SIGNS DAMAGED BY CONSTRUCTION SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.	20.	CONTACT THE CITY OF LA PORTE ENGINEERING AND UTILITY DEPARTMENTS ROADWAY LIGHTING, TRAFFIC SIGNAL AND STORM SEWER INFORMATION.	
6.	UTILITIES SHOWN ON PLANS ARE APPROXIMATE IN LOCATION AND ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES WHETHER IDENTIFIED BELOW AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DESIGN ENGINEER.	21.	CONTRACTOR SHALL MAINTAIN ALL ROADWAY LIGHTING AND TRAFFIC SIGN. CONTRACT UNTIL FINAL ACCEPTANCE. RESPONSE TO MAINTENANCE CALLS HOURS OR LESS, SEVEN DAYS A WEEK, TWENTY-FOUR HOURS PER DAY.	
7.	THE CONTRACTOR SHALL CONFORM TO INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION YEAR 2020, FOR ALL WORK TO BE PERFORMED, UNLESS OTHERWISE SPECIFIED OR NOTED.	22.	CONTRACTOR SHALL PERFORM ALL WORK WITHIN REASONABLE WORK HOL THROUGH SATURDAY. CONTRACTOR SHALL NOT WORK ON HOLIDAYS IDENT	
8.	INTENANCE OF TRAFFIC DURING CONSTRUCTION SHALL BE PROVIDED FOR ALL PUBLIC RIGHT-OF-WAYS IN CORDANCE WITH INDOT STANDARD DRAWINGS AND SPECIFICATIONS. REFER TO STANDARD DRAWING NO.		SECTION 101.23. DEVIATIONS IN WORK SCHEDULE SHALL BE APPROVED IN V	
	E 801-TCTL-07, E 801-TCLC-12, E 801-TCSN-01, E 801 TCSN-02, E 801-TCSN-01, E 801-TCSN-05, E 801-TCSN-11, E 801-TCSN-12, E 801-TCSN-13, E 801-TCDV-01 AND E 801-TCDV-02 FOR DETAILS.	23.	ALL EXISTING LIGHTING SHALL REMAIN OPERABLE UNTIL NEW LIGHTING IS II	
9.	TACK COAT SHALL BE APPLIED TO ALL HMA OR CONCRETE PAVEMENT BEFORE PLACEMENT OF ANY HMA	24.	MAINTAIN ROADWAY SIGNAGE DURING CONSTRUCTION.	
	MIXTURES IN ACCORDANCE WITH INDOT STANDARD SPECIFICATION SECTION 406.	25.	ACCESS TO ALL RESIDENCES AND COMMERCIAL FACILITIES SHALL BE MAIN	
10.	CONTRACTOR SHALL RESTORE ALL DRIVES AND PAVEMENT TRUE TO HORIZONTAL AND VERTICAL LINES. THE SECTION REMOVED SHALL BE REPLACED TO ITS ORIGINAL CONDITION WHERE INDICATED ON THE PLANS OR	26.	MAINTAIN TRAFFIC CONTROL AND MAINTENANCE OF TRAFFIC MEASURES AT	
	BETTER OR AS STATED BY THESE PLANS AND SPECIFICATIONS. ANY DRIVE OR PAVING OUTSIDE THE CONSTRUCTION AREA DAMAGED BY CONSTRUCTION PRACTICES SHALL BE REPAIRED BY THE CONTRACTOR	27.	ALL RADII DIMENSIONS ARE FROM <u>EDGE OF PAVEMENT</u> UNLESS OTHERWISE	
	AT NO COST TO THE OWNER.	28.	CONTRACTOR SHALL VERIFY ALL BENCHMARK ELEVATIONS WITH A CLOSED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER	
11.	WHEN EXCAVATING NEAR UTILITIES, CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING, BRACING OR SHORING AS REQUIRED TO PREVENT DAMAGE TO THE UTILITIES.		CONSTRUCTION. CONTRACTOR SHALL COORDINATE SURVEY CONTROL WIT	
12.	RACTOR SHALL RESTORE ALL AFFECTED SITE CONDITIONS TO THEIR ORIGINAL CONDITION OR BETTER I COMPLETION OF THE WORK. GRASS REQUIRING REPLACEMENT THROUGHOUT THE PROJECT SHALL EDED PER THE SPECIFICATIONS. ANY DITCH AFFECTED BY THE CONSTRUCTION SHALL BE		CONTRACTOR SHALL PROVIDE TO THE OWNER, AS-BUILT DRAWINGS SHOWN INCLUDING BUT NOT LIMITED TO LOCATION, ELEVATION, COLOR OR TYPE. IF HAS NO DEVIATION, CONTRACTOR SHALL SUBMIT THE PLAN AND LABEL NO AS-BUILTS SHALL BE SIGNED AND STAMPED BY THE CONTRACTOR'S NAME AS	
13.	RE-ESTABLISHED TO ITS ORIGINAL LINE AND GRADE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEWATERING. WATER REMOVED BY DEWATERING EQUIPMENT SHALL NOT BE DISPOSED OF INTO SANITARY OR STORM SEWERS WITHOUT WRITTEN APPROVAL BY THE CITY OF LA PORTE ENGINEERING AND UTILITY DEPARTMENTS.	30.	ENGINEER WILL SUPPLY CONTRACTOR BENCHMARK AND HORIZONTAL AND FORMAT FOR LAYOUT PURPOSES.	



RACTOR SHALL GRADE OVER THE STRUCTURE. HAVING JURISDICTION. BY SUBMITTING A BID, THE L EXISTING CONDITIONS. UCTION OPERATIONS HAVE OVIDE CONSTRUCTION FOR PUBLIC SAFETY. Y DEPARTMENTS 48 HOURS RE/PIPING. TED WITHIN THE THE REMOVAL OF ALL TREES ED OUT TO BE PROTECTED ON OR SANITARY SEWER, S INSTALLED UNDER THIS HALL BE MADE WITHIN TWO (7:00 AM TO 7:00 PM) MONDAY ED IN INDOT SPECIFICATION TING BY THE CITY ENGINEER TALLED AND OPERABLE. NED AT ALL TIMES. L TIMES. OTED. VEL CIRCUIT PRIOR TO RIOR TO START OF ENGINEER PRIOR TO LAYOUT. ALL DEVIATIONS FROM PLAN PARTICULAR SHEET OR PLAN VIATION FROM PLAN." ALL LOGO. RTICAL CONTROL IN CAD

	SHEET INDEX						
SHEET NO. DESIGNATION							
1	TITLE SHEET						
2 INDEX & GENERAL NOTES							
3 TYPICAL CROSS SECTIONS							
4-22	PLAN AND PROFILES						
23-XX	CROSS SECTIONS						

TBD TOTAL SHEETS IN THIS PLAN SET

REVISIONS						
SHEET NO.	DATE	RVISED				

UTILITIES

GAS & ELECTRIC Northern Indiana Public Service 801 East 86th Avenue Merrillville, IN 46410 (219) 647.4299

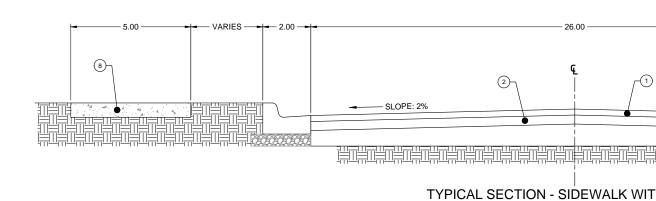
CABLE TV Comcast North 16 West 84th Drive Merrillville, IN 46410 (630) 288.7261

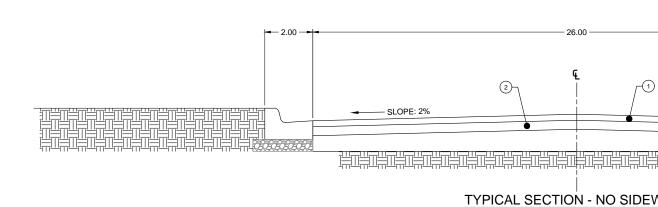
WASTE WATER
LA PORTE Wastewater Department
2101 Boyd Blvd
LA PORTE, IN 46350
(219) 362.2354

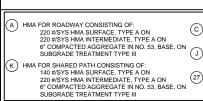
TELEPHONE Frontier Communications 8001 West Jefferson Blvd Fort Wayne, IN 46804 (260) 428.8582

WATER La Porte Water Department 1119 Lake St La Porte, IN 46350 (219) 326.9540 COMMUNICATIONS ACME Communications 618 Franklin Street Michigan City, IN 46360 (219) 809.0066

				INDIANA DEPARTMENT OF	HORIZONTAL SCALE		BRIDGE F	ILE
COMMENDED R APPROVAL			DATE	TRANSPORTATION	VERTICAL SCALE		DESIGNAT	ION
	DESIGN	ENGINEER	DATE				XXX	
IGNED:	C.D.	DDAWN.	NUC	INDEX & OFNEDAL MOTEO	SURVEY BOOK		SHEETS	5
IGNED:	GP	DRAWN:	PWS	INDEX & GENERAL NOTES		2	of	TBD
CKED:	com	CHECKED:	com	LA PORTE STONE LAKE TRAIL	CONTRACT		PROJEC	Т
CKED:	SST	CHECKED: -	SST		XXX		XXX	







⁹ IN. PCCP FOR APPROACHES ON SUBGRADE TREATMENT, TYPE II

(REESTABLISH DISTURBED AREAS)

4" TOPSOIL & SEEDING

F 5 IN. CONC SIDEWALK

6" COMPACTED AGGREGATE IN NO. 53, BASE (15) COMBINED CURB & GUTTER

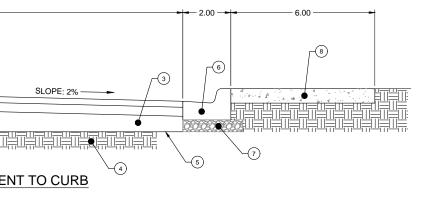
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⟨CR⟩ CONCRETE CURB RAMP



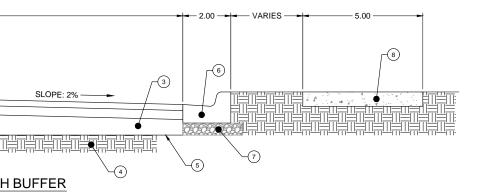
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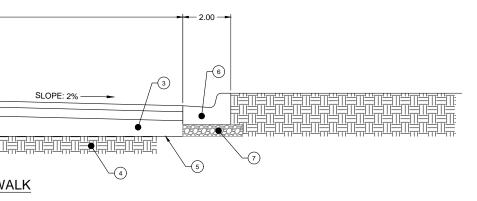
<u>LEGEND</u>

- 1) 220 #/SYS HMA SURFACE, TYPE A
- 2 220 #B/SYS HMA INTERMEDIATE, TYPE A
- (3) 6" COMPACTED AGGREGATE NO. 53, BASE
- 4 SUBGRADE TREATMENT TYPE III
- 5 GEOTEXTILE
- 6 24" CURB & GUTTER
- (7) 6" #53 COMPACTED STONE BASE UNDER NEW CURBS
- 8 CONCRETE SIDEWALK, 5"



<u>LEGEND</u>

- 1) 220 #/SYS HMA SURFACE, TYPE A
- 2 220 #B/SYS HMA INTERMEDIATE, TYPE A
- (3) 6" COMPACTED AGGREGATE NO. 53, BASE
- 4 SUBGRADE TREATMENT TYPE III
- 5 GEOTEXTILE
- 6 24" CURB & GUTTER
- 7 6" #53 COMPACTED STONE BASE UNDER NEW CURBS
- (8) CONCRETE SIDEWALK, 5"



LEGEND

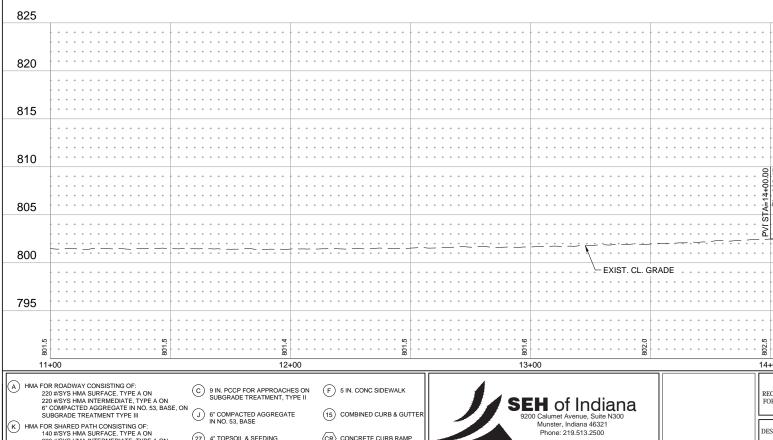
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- 2 220 #B/SYS HMA INTERMEDIATE, TYPE A
- 3 6" COMPACTED AGGREGATE NO. 53, BASE
- 4 SUBGRADE TREATMENT TYPE III
- 5 GEOTEXTILE
- 6 24" CURB & GUTTER
- (7) 6" #53 COMPACTED STONE BASE UNDER NEW CURBS

COMMENDED R APPROVAL	DESIGN 1	ENGINEER	DATE DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE VERTICAL SCALE	1
IGNED:	GP	DRAWN:	PWS	TYPICAL SECTIONS	SURVEY BOOK	
				CLEAR LAKE ROADWAY IMPROVEMENTS	CONTRACT	3
CKED:	SST	CHECKED:	SST		XXX	

VERTICAL SCALE	DESIGNATION				
	XXX				
SURVEY BOOK	SHEETS				
	3 of TBD				
CONTRACT	PROJECT				
XXX	XXX				

BRIDGE FILE





CR CONCRETE CURB RAMP

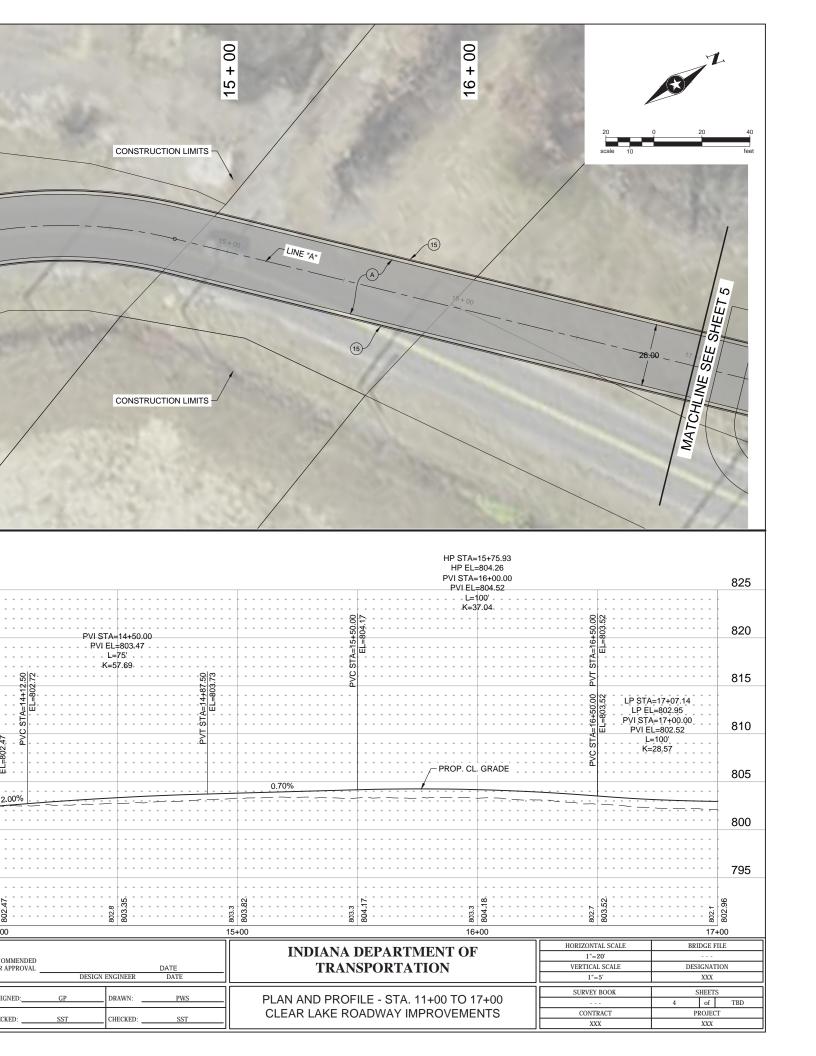
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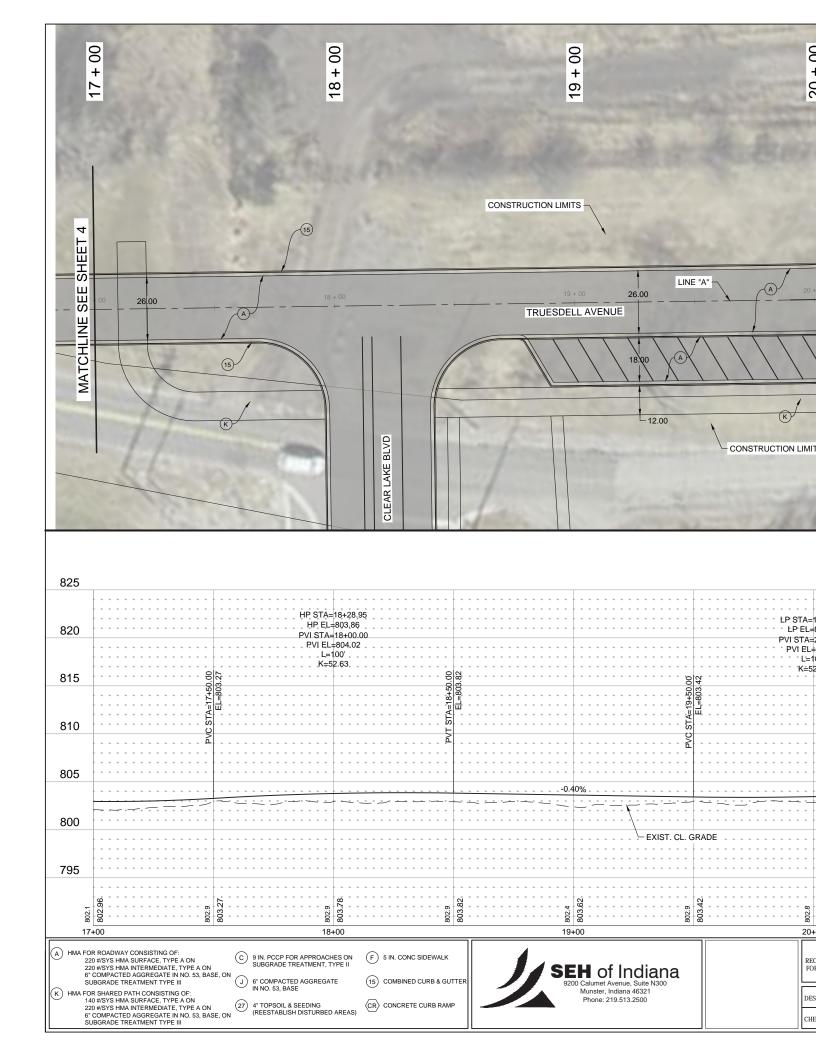
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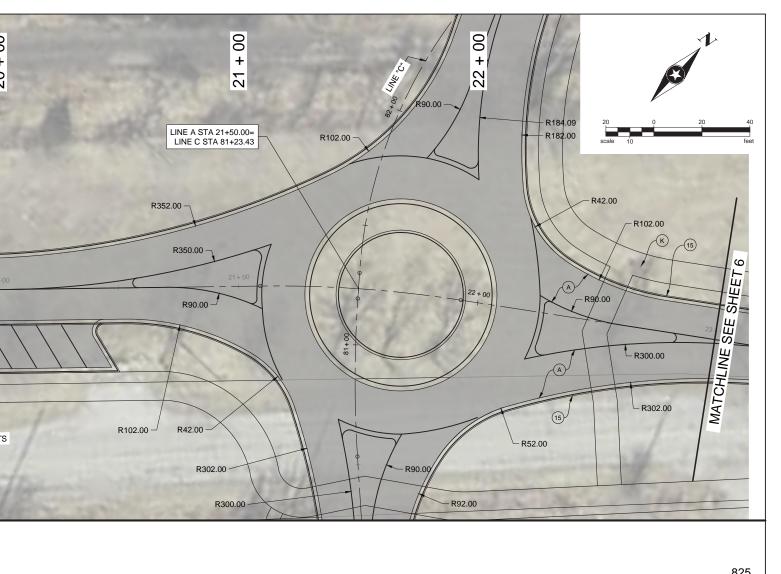
6" COMPACTED AGGREGATE IN NO. 53, BASE

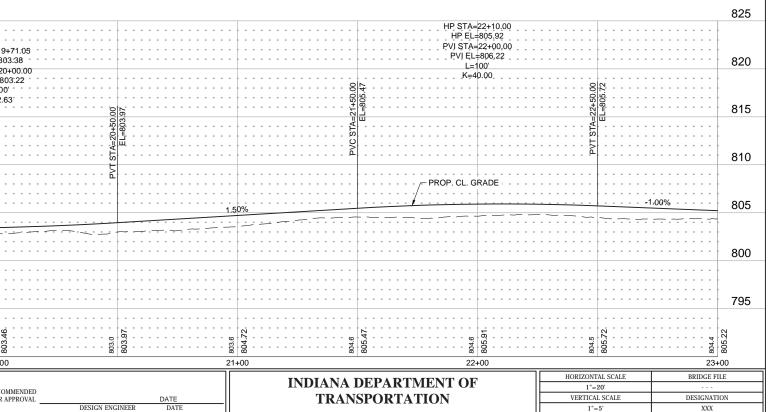
27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

K) HMA FOR SHARED PATH CONSISTING OF:
140 #SYS HMA SURFACE, TYPE A ON
220 #SYS HMA INTERMEDIATE, TYPE A ON
6" COMPACTED AGGREGATE IN NO. 53, BASE, ON
SUBGRADE TREATMENT TYPE III









PLAN AND PROFILE - STA. 17+00 TO 23+00

CLEAR LAKE ROADWAY IMPROVEMENTS

XXX

SHEETS

of

PROJECT

XXX

SURVEY BOOK

CONTRACT

XXX

DESIGN ENGINEER

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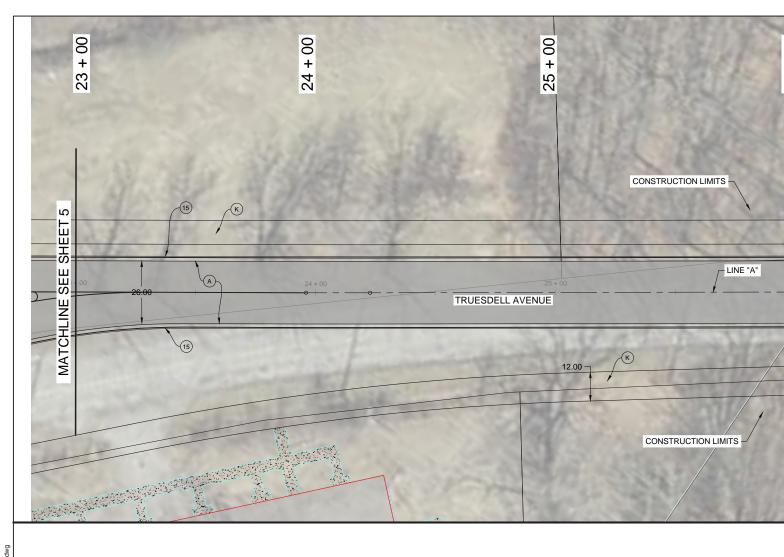
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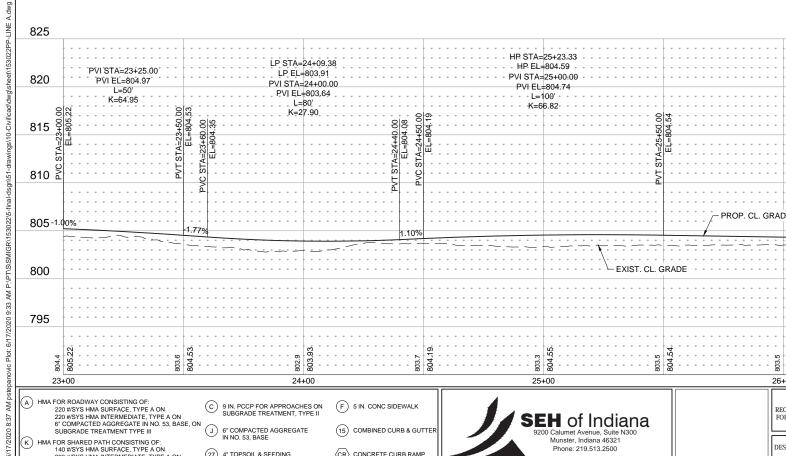
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IGNED:

CKED:





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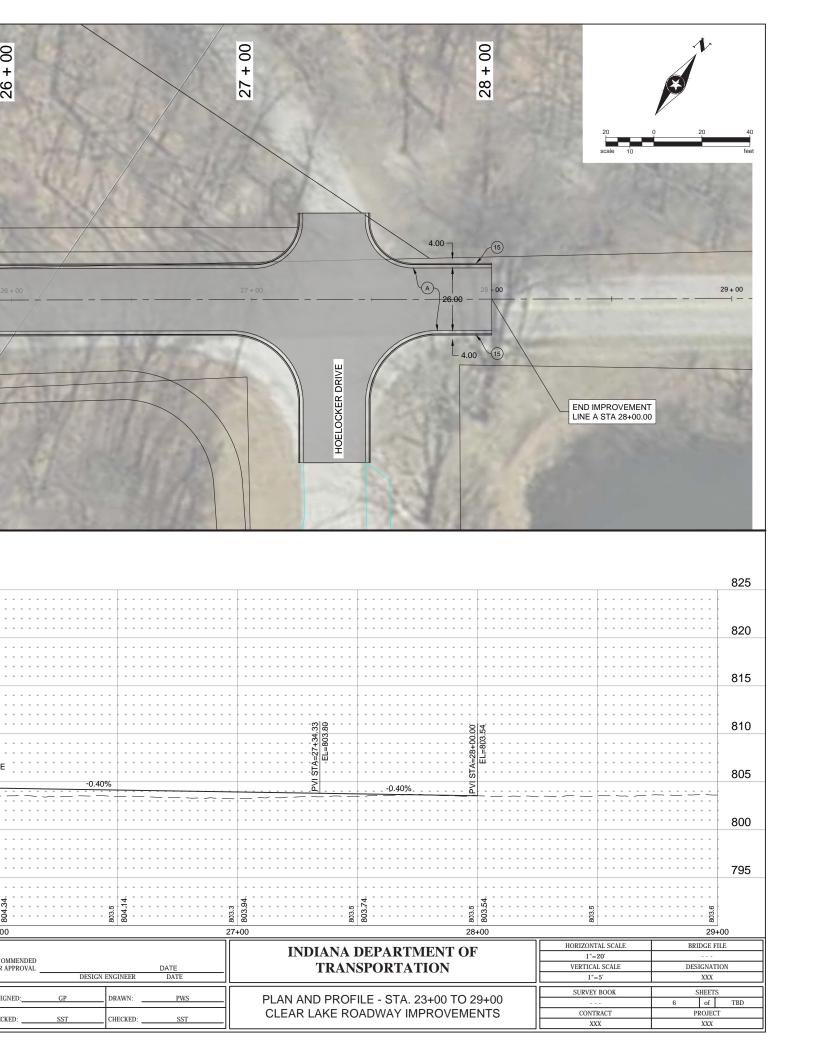
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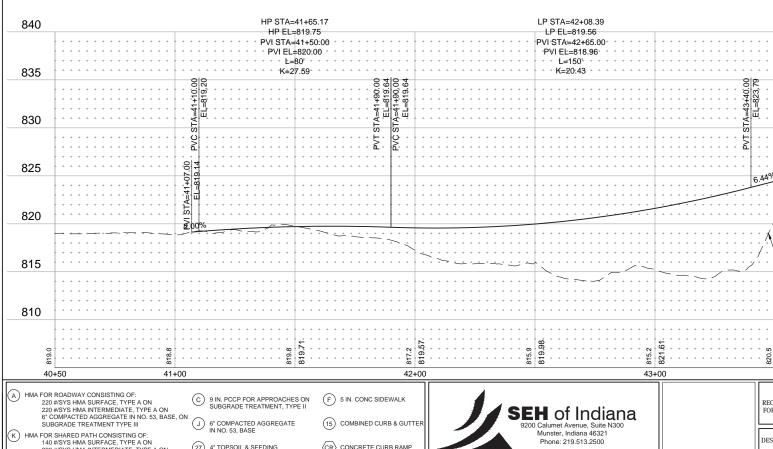
6" COMPACTED AGGREGATE IN NO. 53, BASE

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III







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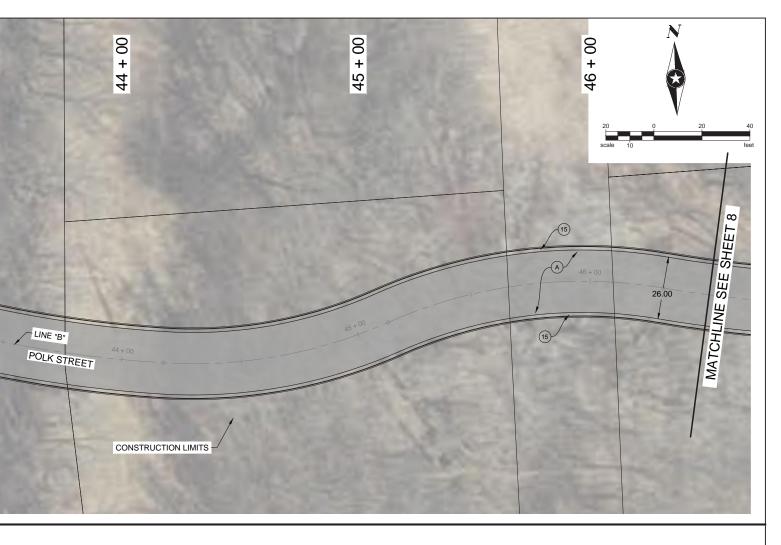
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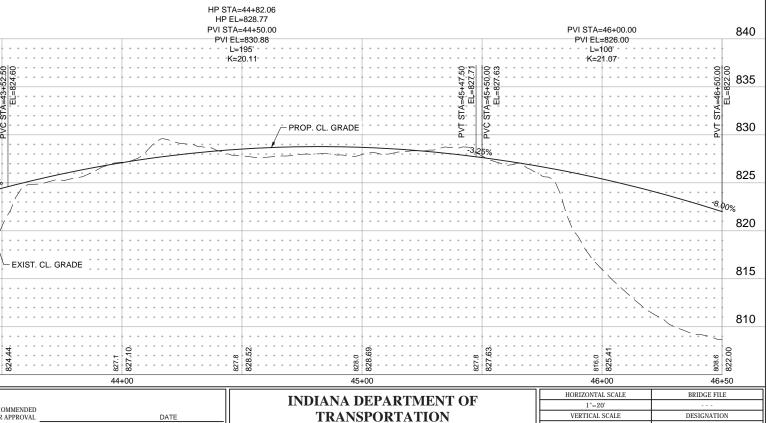
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6" COMPACTED AGGREGATE IN NO. 53, BASE

27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

) HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III





PLAN AND PROFILE - STA. 41+07 TO 46+50 CLEAR LAKE ROADWAY IMPROVEMENTS

VERTICAL SCALE

SURVEY BOOK

CONTRACT

XXX

DESIGNATION

PROJECT

XXX

DATE DATE

PWS

SST

DESIGN ENGINEER

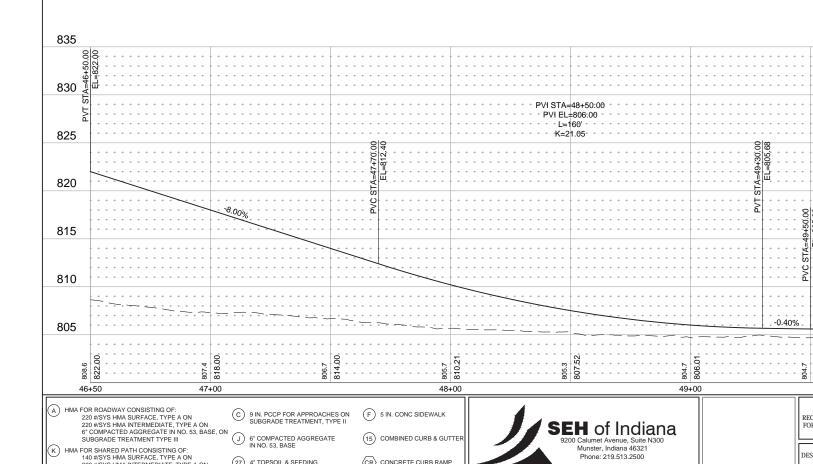
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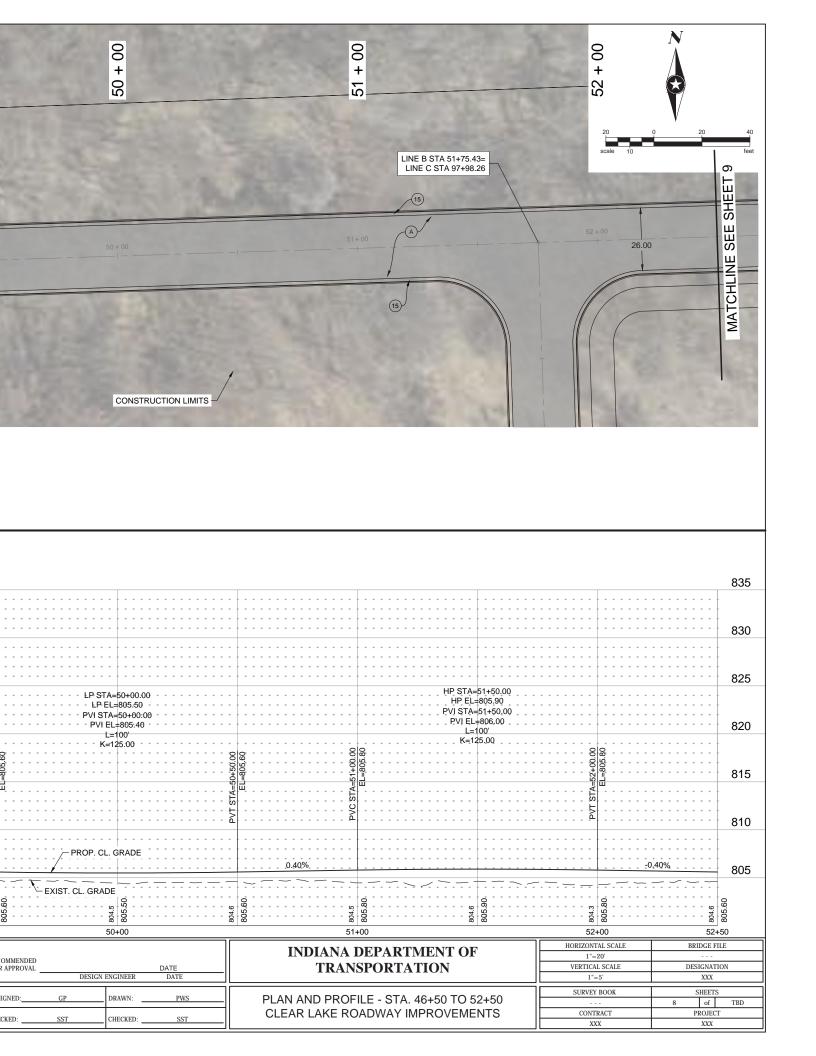
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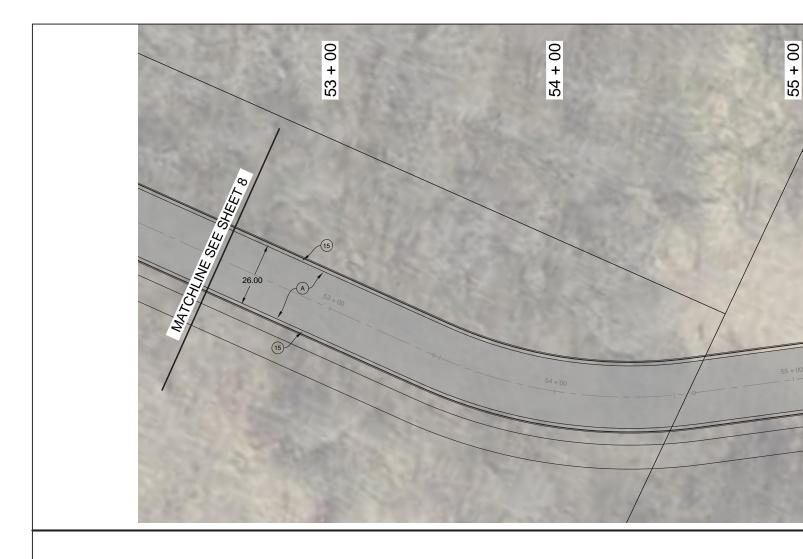
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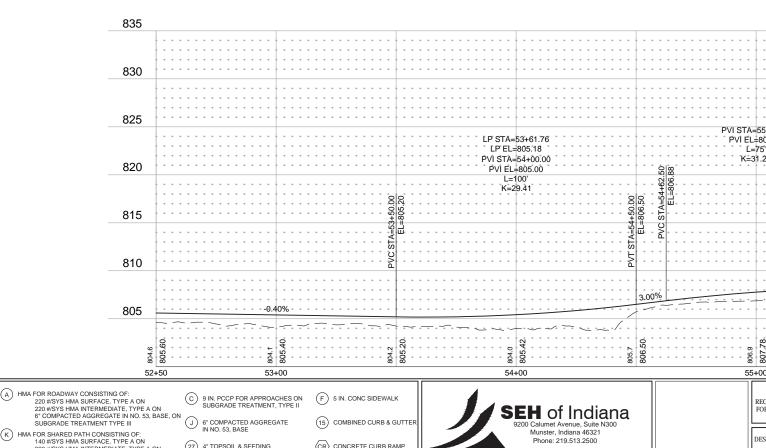
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) HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN 0. 53, BASE, ON SUBGRADE TREATMENT TYPE III

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)







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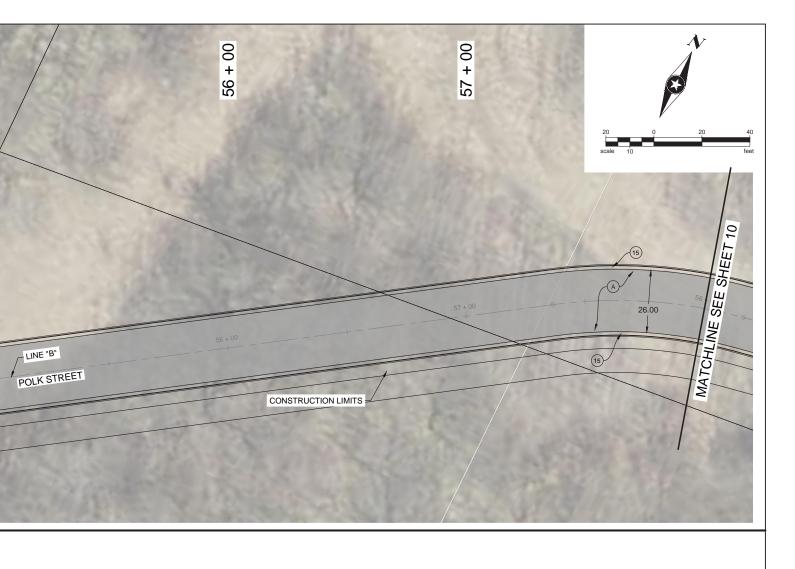
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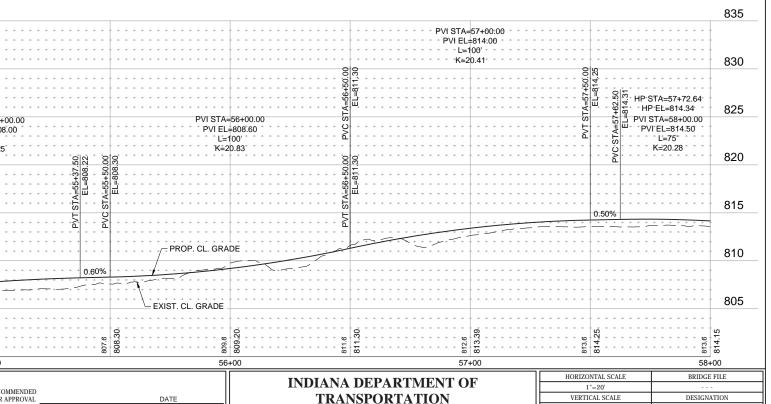
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6" COMPACTED AGGREGATE IN NO. 53, BASE

27 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

) HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN 0. 53, BASE, ON SUBGRADE TREATMENT TYPE III





TRANSPORTATION

PLAN AND PROFILE - STA. 52+50 TO 58+00 CLEAR LAKE ROADWAY IMPROVEMENTS

VERTICAL SCALE

SURVEY BOOK

CONTRACT

DESIGNATION

PROJECT

XXX

DATE DATE

PWS

SST

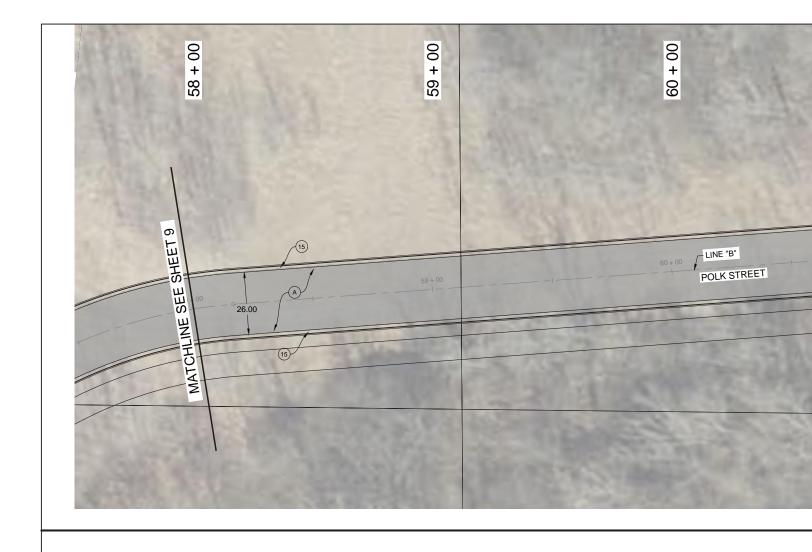
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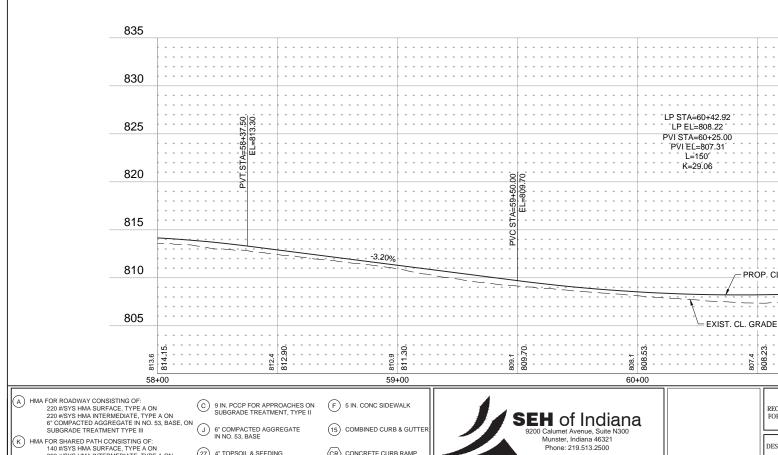
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DRAWN:

CHECKED:





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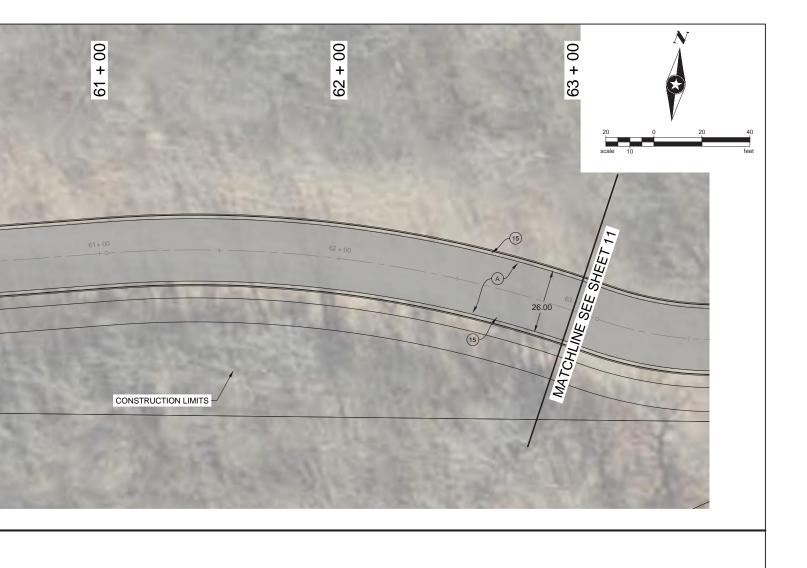
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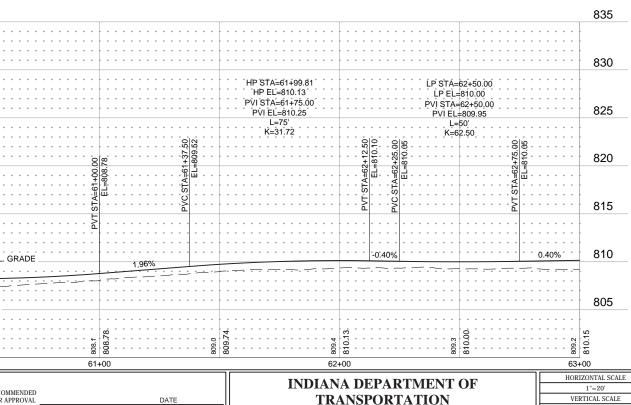
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6" COMPACTED AGGREGATE IN NO. 53, BASE

27 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

K HMA FOR SHARED PATH CONSISTING OF:
140 #/SYS HMA SURFACE, TYPE A ON
220 #/SYS HMA INTERMEDIATE, TYPE A ON
6" COMPACTED AGGREGATE IN NO. 53, BASE, ON
SUBGRADE TREATMENT TYPE III





DATE DATE

PWS

SST

DESIGN ENGINEER

DRAWN:

CHECKED:

IGNED:

CKED:

TRANSPORTATION

PLAN AND PROFILE - STA. 58+00 TO 63+00 CLEAR LAKE ROADWAY IMPROVEMENTS

BRIDGE FILE

DESIGNATION

PROJECT

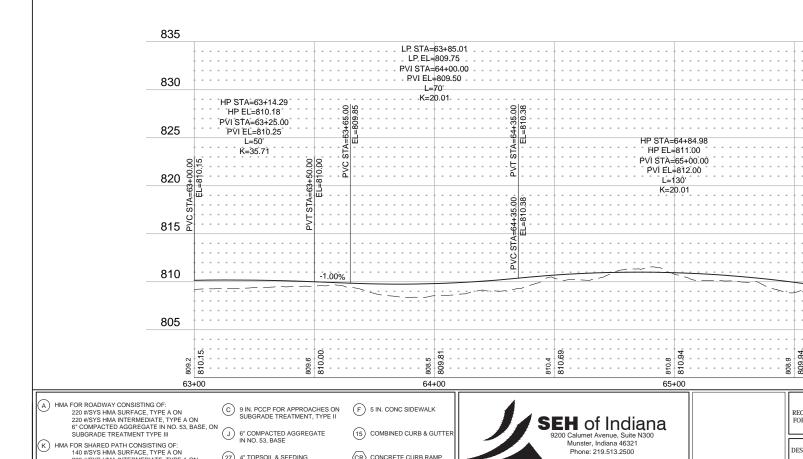
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VERTICAL SCALE

SURVEY BOOK

CONTRACT





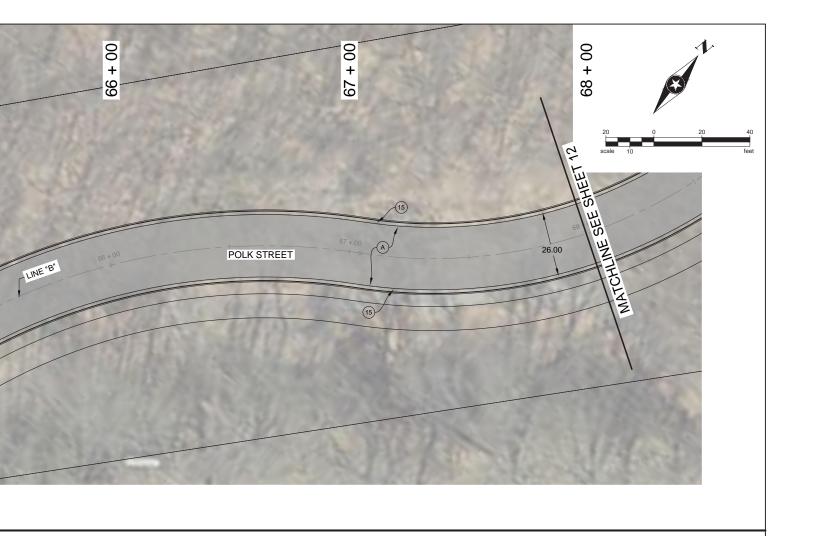
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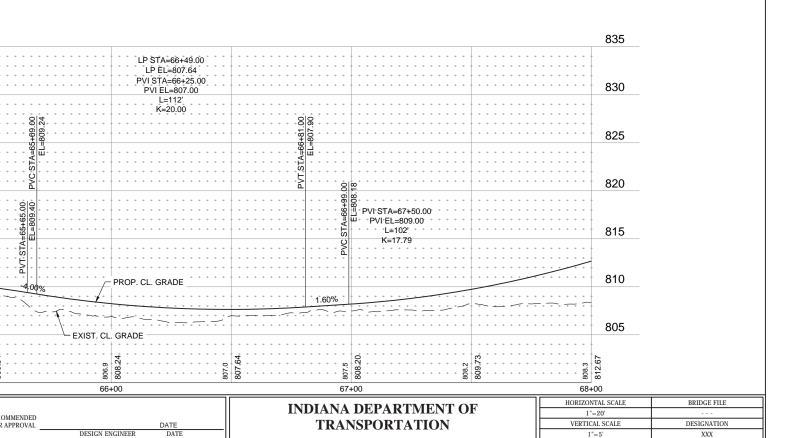
DES

СНЕ

) HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN 0. 53, BASE, ON SUBGRADE TREATMENT TYPE III

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)





PLAN AND PROFILE - STA. 63+00 TO 68+00

CLEAR LAKE ROADWAY IMPROVEMENTS

IGNED:

CKED:

DRAWN:

CHECKED:

PWS

SST

SURVEY BOOK

CONTRACT

of

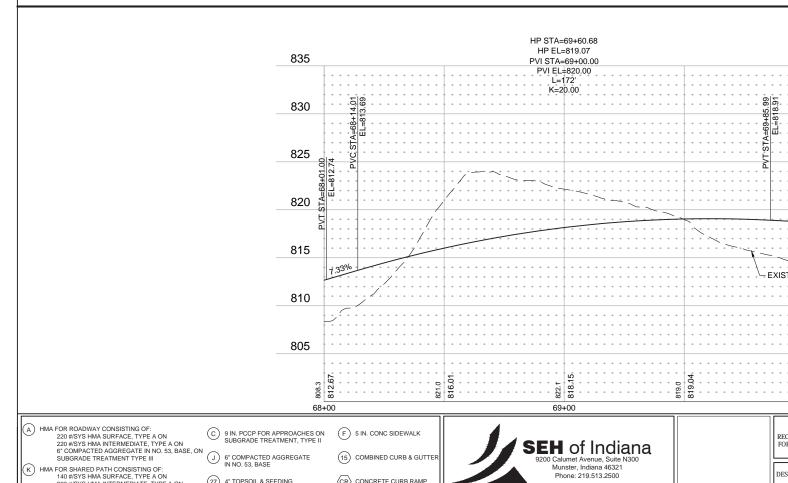
PROJECT

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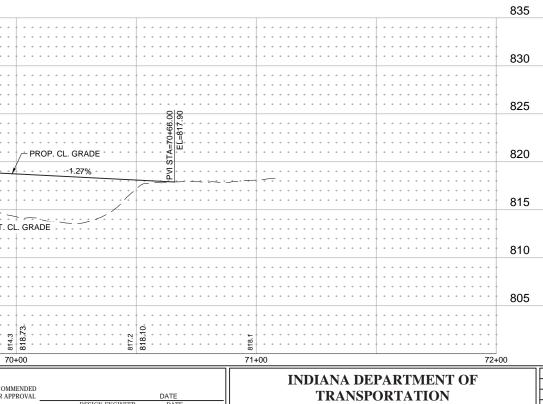


CR CONCRETE CURB RAMP

) HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN 0. 53, BASE, ON SUBGRADE TREATMENT TYPE III

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)





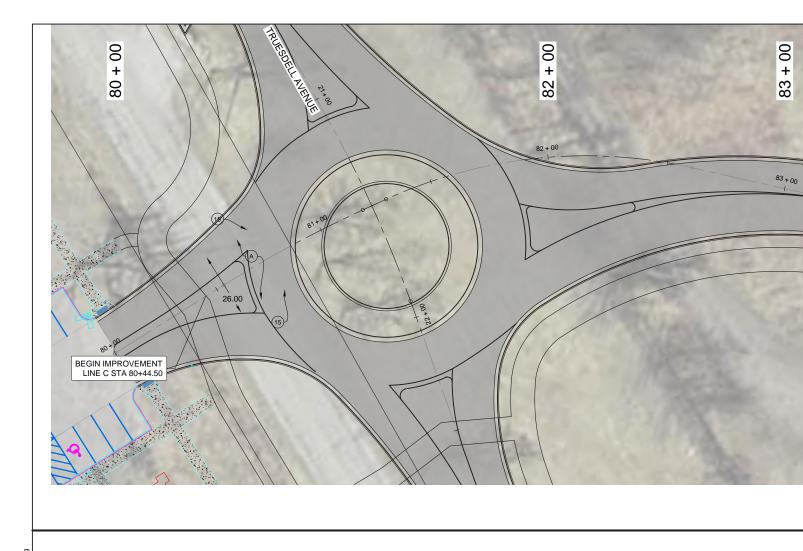
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ED:	SST	CHECKED:	SST

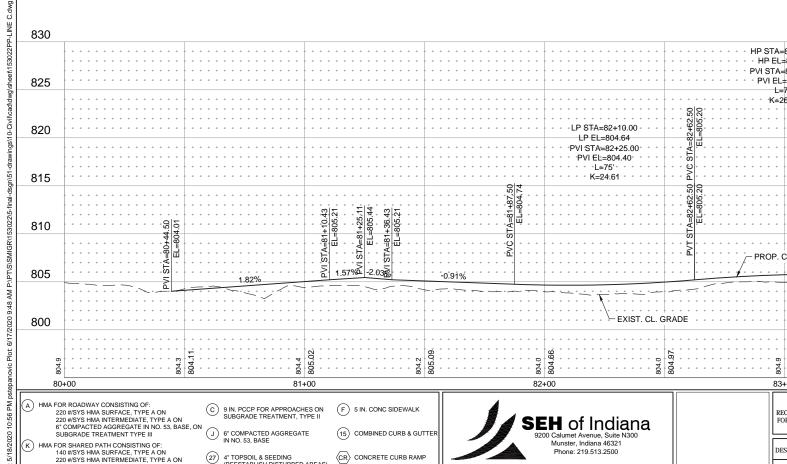
DESIGN ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - STA. 68+00 TO 70+66 CLEAR LAKE ROADWAY IMPROVEMENTS

HORIZONTAL SCALE	BRIDGE FILE		
1"=20'			
VERTICAL SCALE	DESIGNATION		
1"=5'	XXX		
SURVEY BOOK	SHEETS		
	12	of	TBD
CONTRACT	PROJECT		
XXX	XXX		





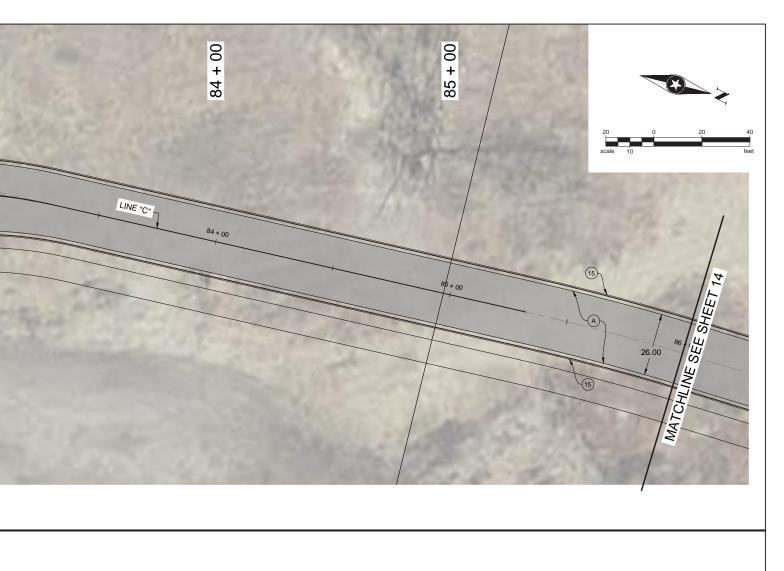
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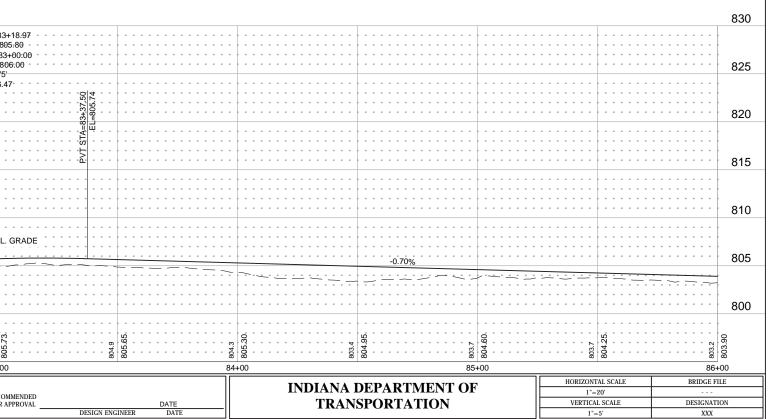
DES

СНЕ

HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6° COMPACTED AGGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)





PLAN AND PROFILE - STA. 80+00 TO 86+00 CLEAR LAKE ROADWAY IMPROVEMENTS

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CKED:

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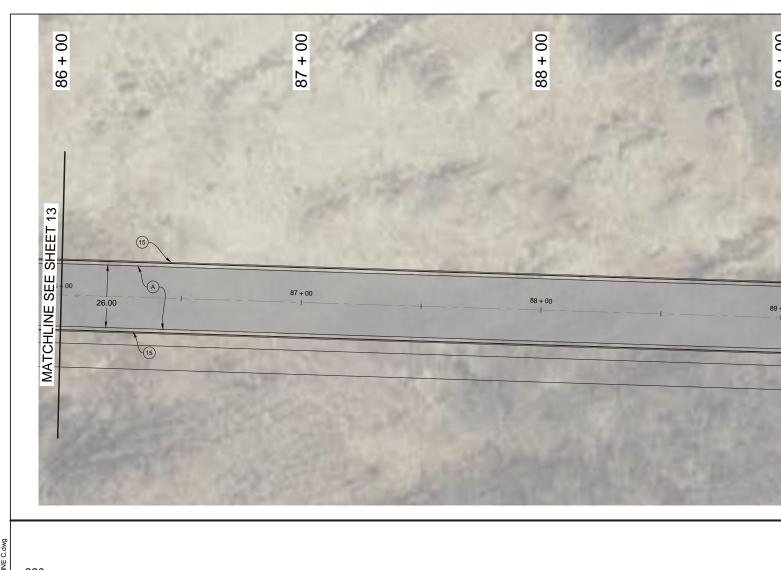
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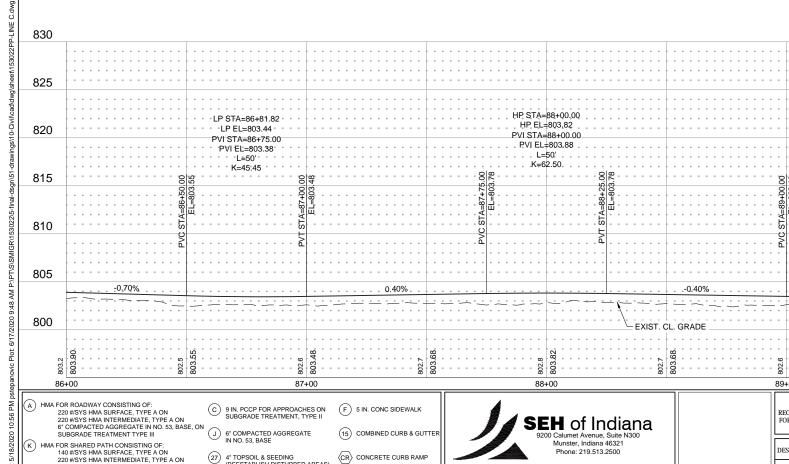
PWS

SURVEY BOOK

CONTRACT

PROJECT





CR CONCRETE CURB RAMP

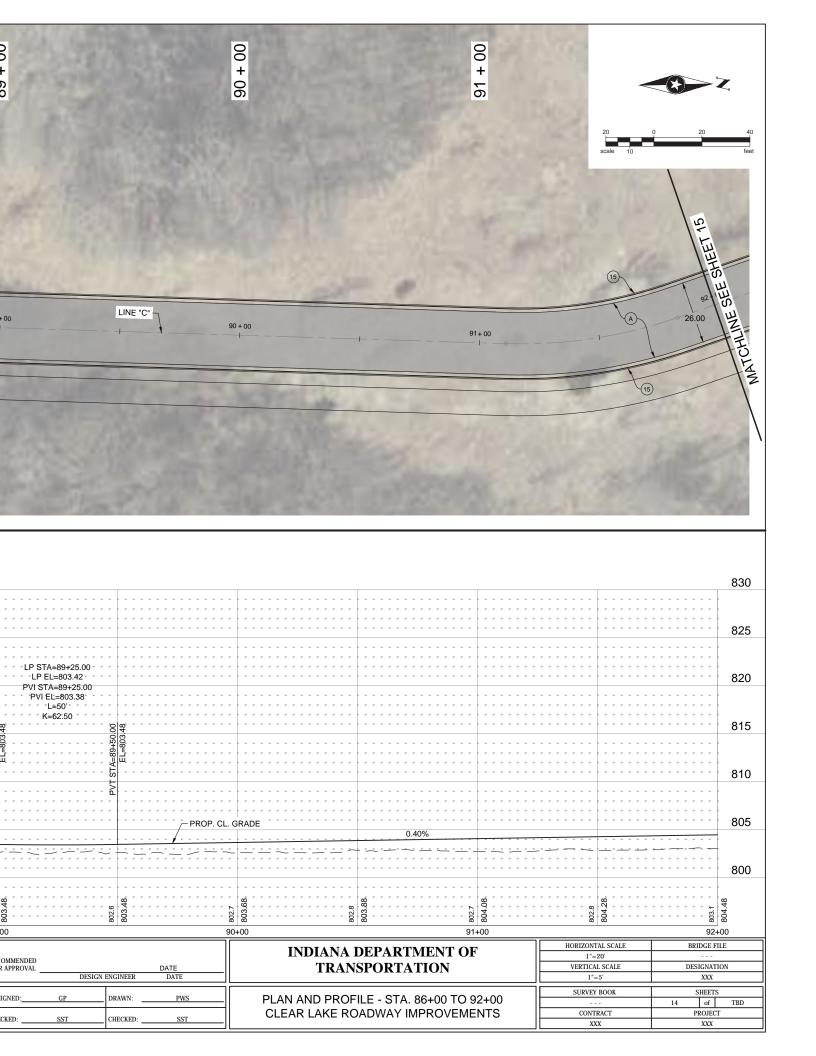
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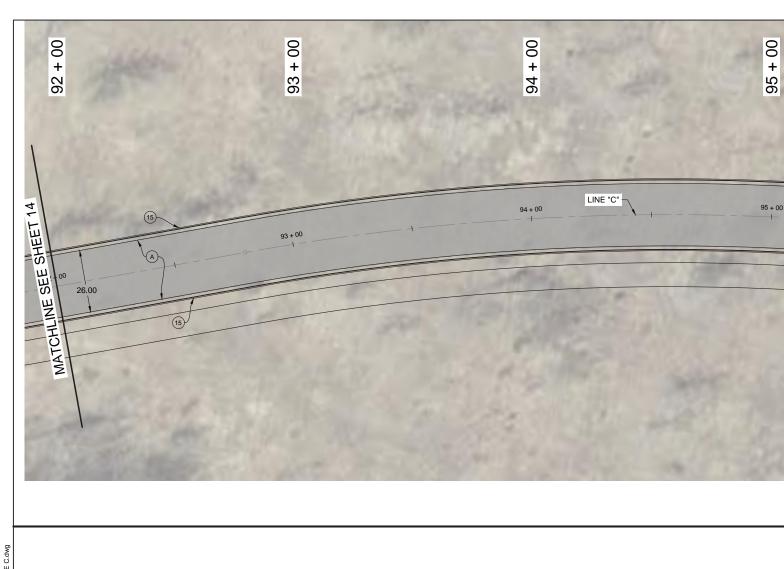
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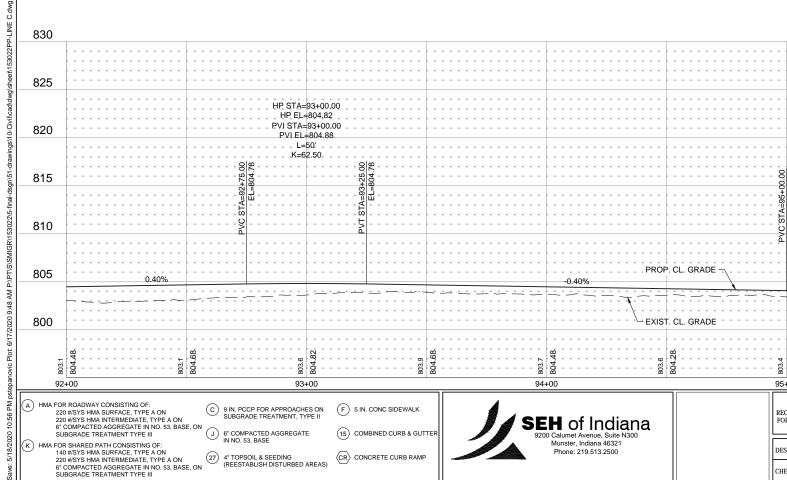
6" COMPACTED AGGREGATE IN NO. 53, BASE

27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III







CR CONCRETE CURB RAMP

DES

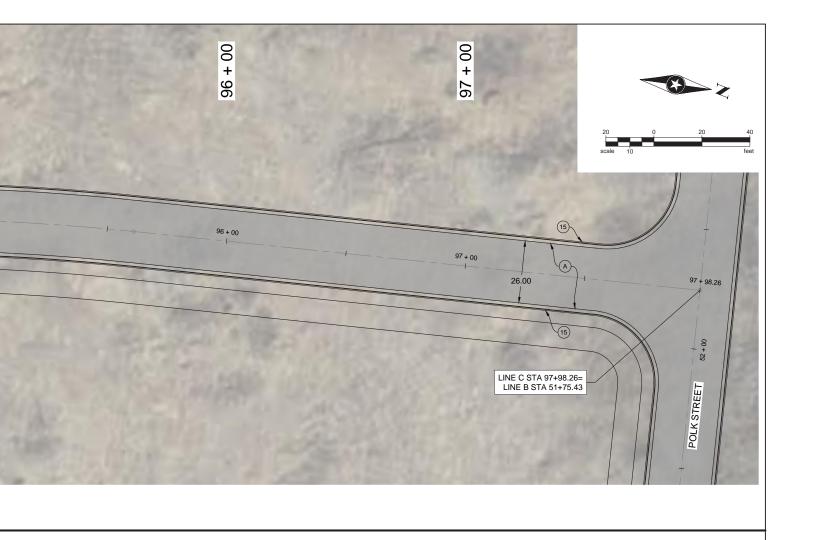
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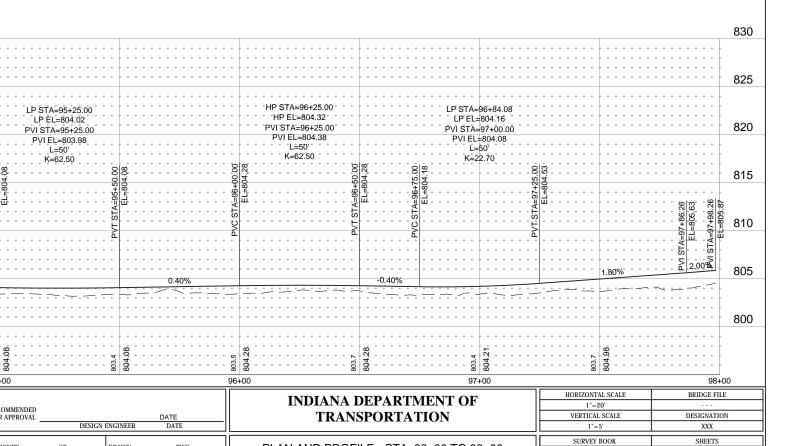
6" COMPACTED AGGREGATE IN NO. 53, BASE

27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

HMA FOR SHARED PATH CONSISTING OF: 140 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6° COMPACTED AGGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

(K)





PLAN AND PROFILE - STA. 92+00 TO 98+00

CLEAR LAKE ROADWAY IMPROVEMENTS

of

PROJECT

XXX

CONTRACT

XXX

IGNED:

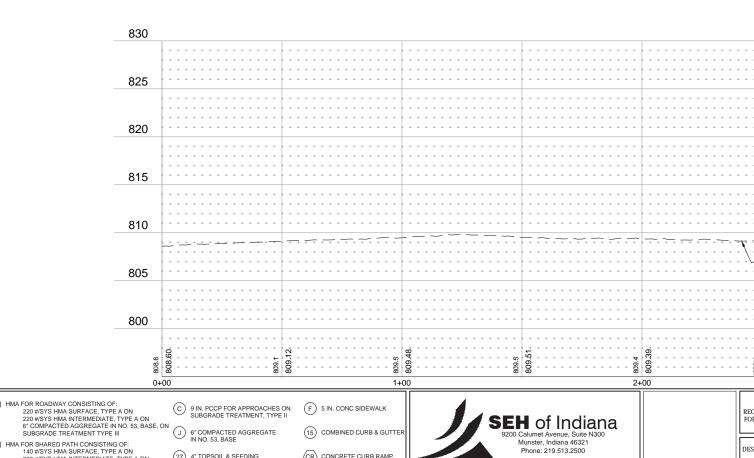
CKED:

DRAWN:

CHECKED:

PWS

SST



СНЕ

(15) COMBINED CURB & GUTTER

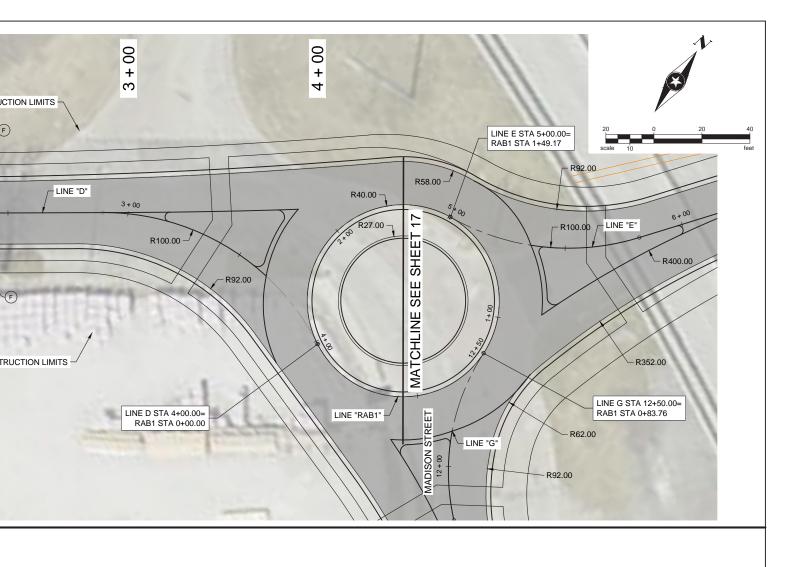
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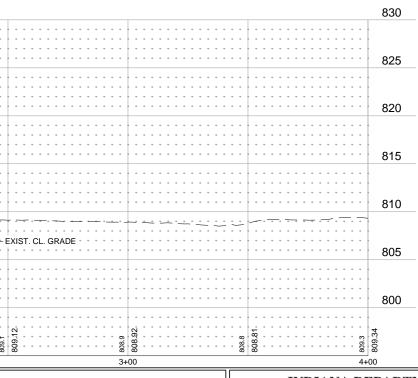
6" COMPACTED AGGREGATE IN NO. 53, BASE

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

: 6/16/2020 2:52 PM pstepanovic Plot: 6/17/2020 9:52 AM P:\PT\S\SMIGR\1530225-final-dsgni51-drawings\10-Civilicad\dwg\sheet\153022PP-LINE D.dwg

HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III





PWS

SST

DESIGN ENGINEER

DRAWN:

CHECKED:

OMMENDED R APPROVAL

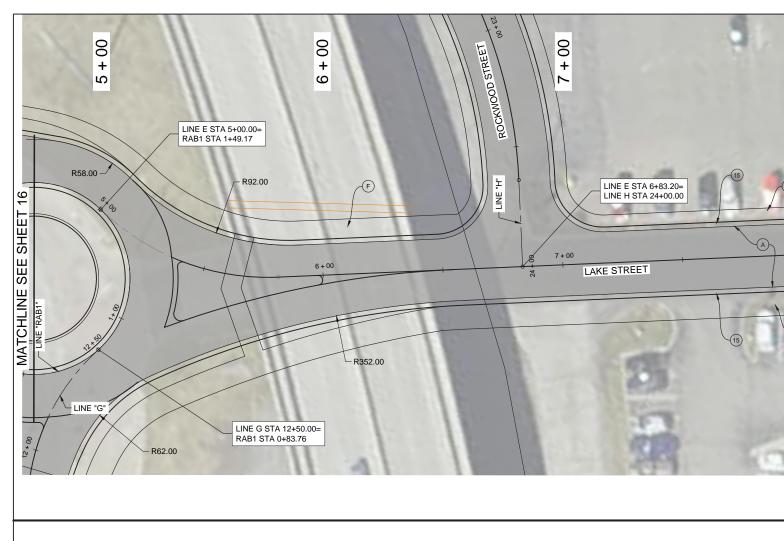
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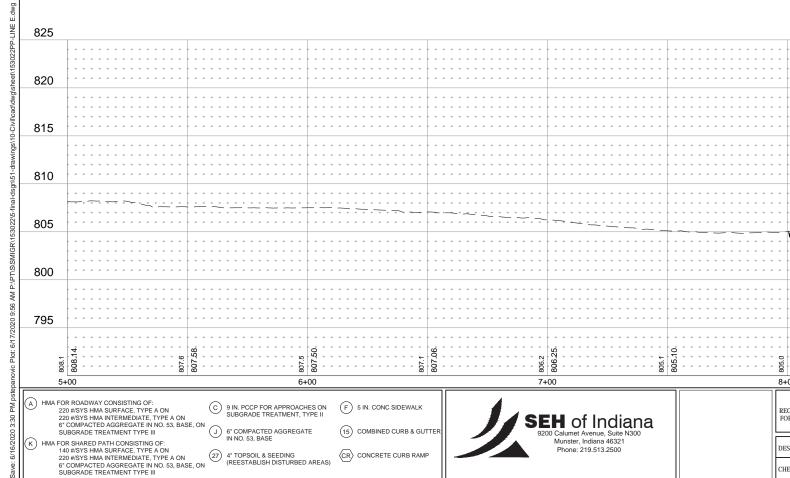
CKED:

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - STA. 0+00 TO 4+00
CLEAR LAKE ROADWAY IMPROVEMENTS

BRIDGE FILE			
DESIGNATION			
XXX			
SHEETS			
16 of TBD			
PROJECT			
XXX			
	DE 16	DESIGNAT XXX SHEETS 16 of PROJEC	





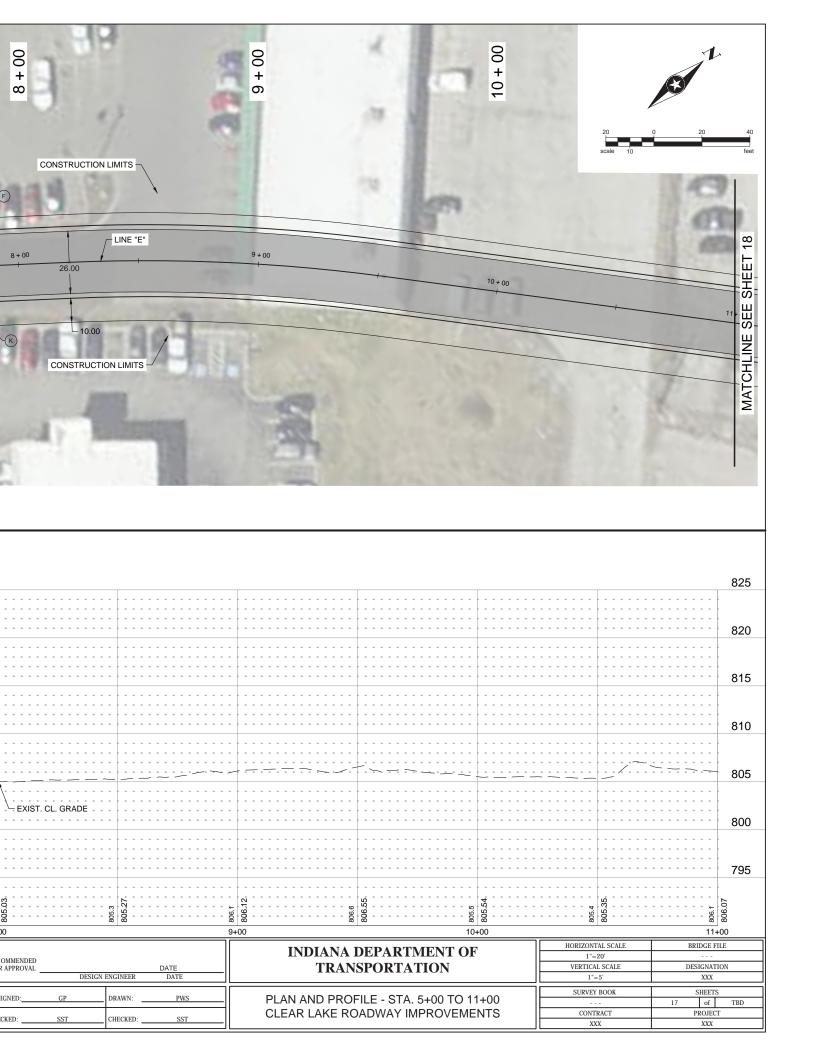
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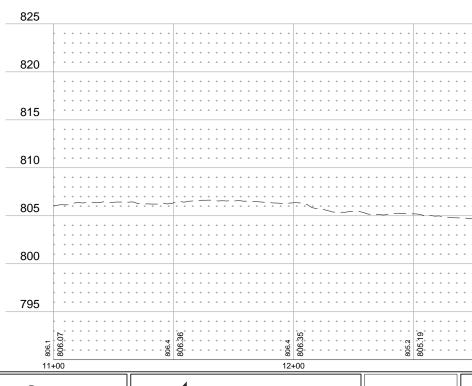
DES

СНЕ

HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)





(A) HMA FOR ROADWAY CONSISTING OF:
220 #/SYS HMA SURFACE, TYPE A ON
220 #/SYS HMA INTERMEDIATE, TYPE A ON
6" COMPACTED AGGREGATE IN NO. 53, BASE, ON
SUBGRADE TREATMENT TYPE III

HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

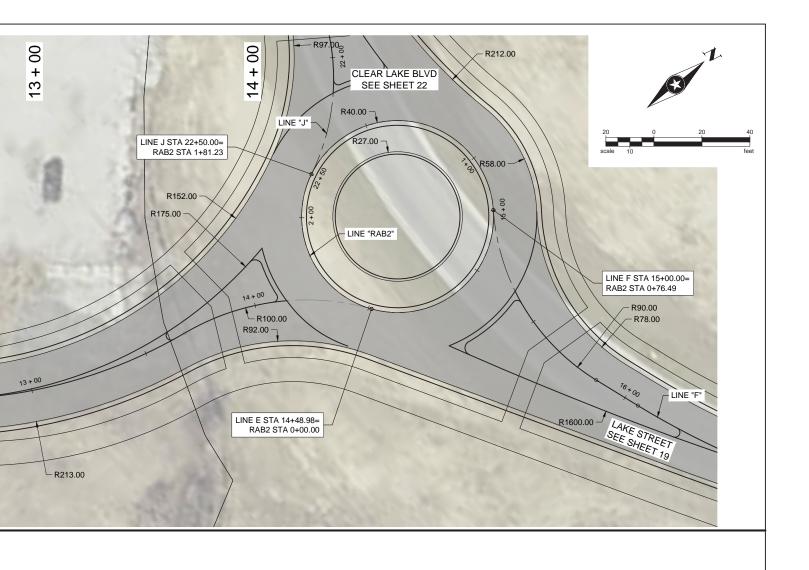
© 9 IN. PCCP FOR APPROACHES ON SUBGRADE TREATMENT, TYPE II

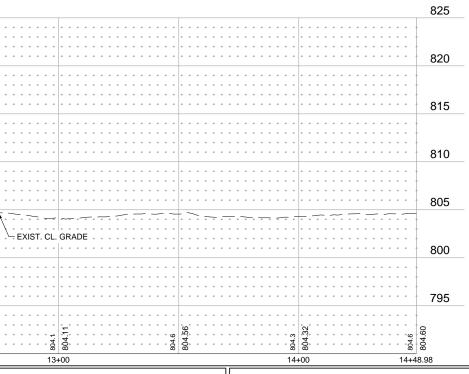
6" COMPACTED AGGREGATE IN NO. 53, BASE 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS) F 5 IN. CONC SIDEWALK

(15) COMBINED CURB & GUTTER

SEH of Indiana 9200 Calumet Avenue, Suite N300 Munster, Indiana 46321 Phone: 219.513.2500 CR CONCRETE CURB RAMP

REC FO DES СНЕ



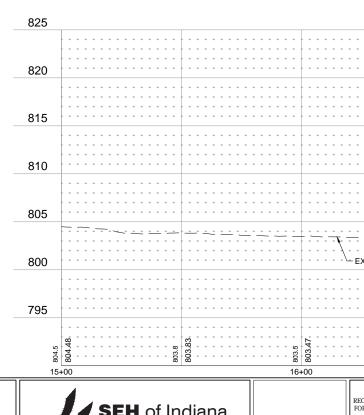


OMMENDED R APPROVAL		DESIGN ENGINEER	DATE DATE
IGNED:	GP	DRAWN:	PWS
CVED	com	CHECKED	0.000

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - STA. 11+00 TO 14+48.98 CLEAR LAKE ROADWAY IMPROVEMENTS

HORIZONTAL SCALE	BRIDGE FILE		
1"=20'			
VERTICAL SCALE	DESIGNATION		
1"=5'	XXX		
SURVEY BOOK	SHEETS		
	18 of TBD		
CONTRACT	PROJECT		
XXX	XXX		



СНЕ

(A) HMA FOR ROADWAY CONSISTING OF:
220 #/SYS HMA SURFACE, TYPE A ON
220 #/SYS HMA INTERMEDIATE, TYPE A ON
6" COMPACTED AGGREGATE IN NO. 53, BASE, ON
SUBGRADE TREATMENT TYPE III

6/17/2020 7:35 AM pstepanovic Plot: 6/17/2020 10:00 AM P:PT/S/SMIGRY153022/5-final-dsgn/51-drawings/10-Cjvilkcad/dwg/sheek153022PP-LINE F.dwg

(K)

HMA FOR SHARED PATH CONSISTING OF: 140 #SYS HMA SURFACE, TYPE A ON 220 #SYS HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

© 9 IN. PCCP FOR APPROACHES ON SUBGRADE TREATMENT, TYPE II

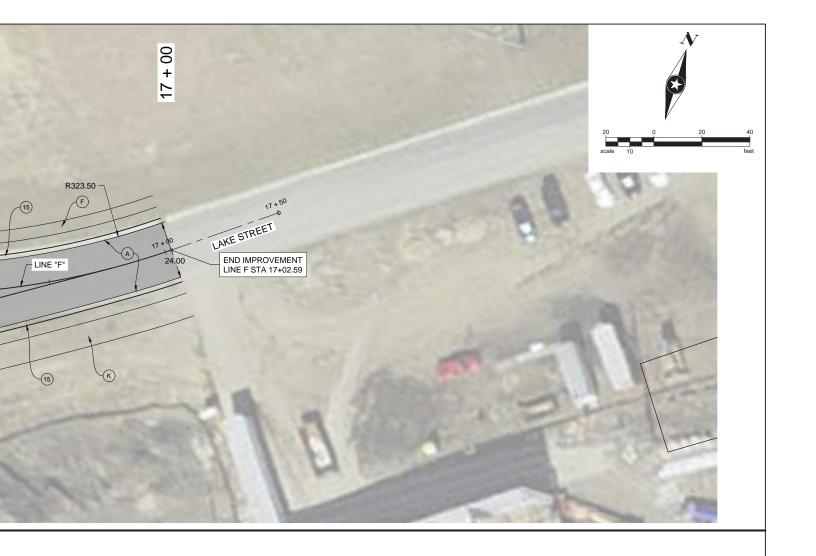
6" COMPACTED AGGREGATE IN NO. 53, BASE

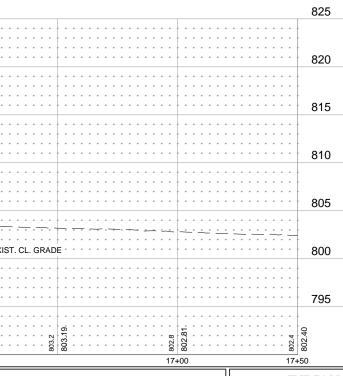
(15) COMBINED CURB & GUTTER 27 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

F 5 IN. CONC SIDEWALK

CR CONCRETE CURB RAMP







PWS

SST

DESIGN ENGINEER

DRAWN:

CHECKED:

OMMENDED R APPROVAL

IGNED:

CKED:

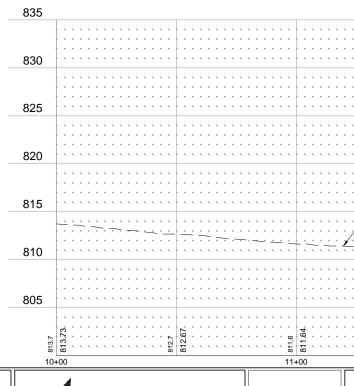
INDIANA DEPARTMENT OF TRANSPORTATION

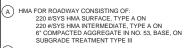
BRIDGE FILE

XXX

HORIZONTAL SCALE

PLAN AND PROFILE - STA. 15+00 TO 17+50
CLEAR LAKE ROADWAY IMPROVEMENTS





- HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III
- © 9 IN. PCCP FOR APPROACHES ON SUBGRADE TREATMENT, TYPE II

 - 6" COMPACTED AGGREGATE IN NO. 53, BASE
- F 5 IN. CONC SIDEWALK

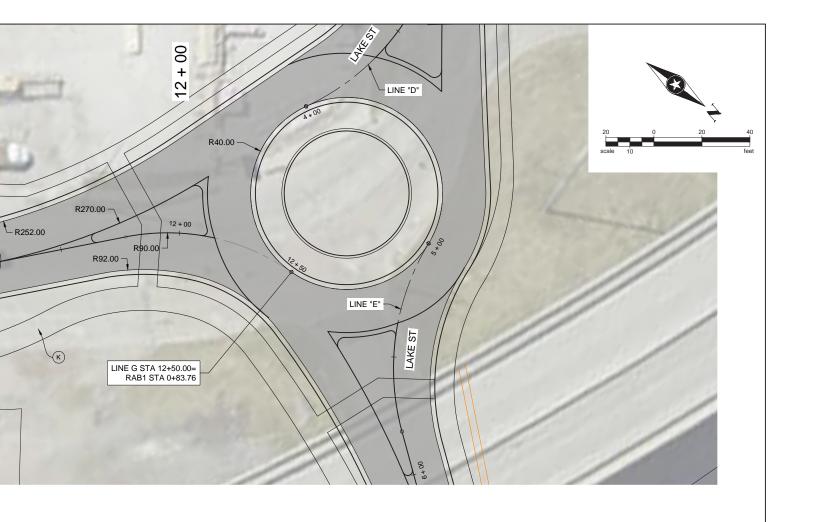
SEH of Indiana 9200 Calumet Avenue, Suite N300 Munster, Indiana 46321 Phone: 219.513.2500

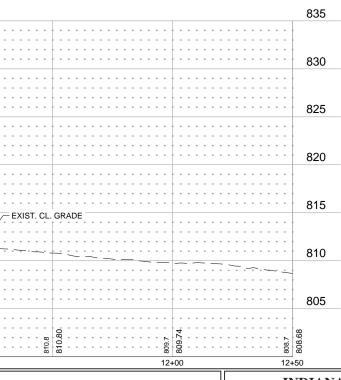
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27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

(15) COMBINED CURB & GUTTER CR CONCRETE CURB RAMP





PWS

SST

DESIGN ENGINEER

DRAWN:

CHECKED:

OMMENDED R APPROVAL

IGNED:

CKED:

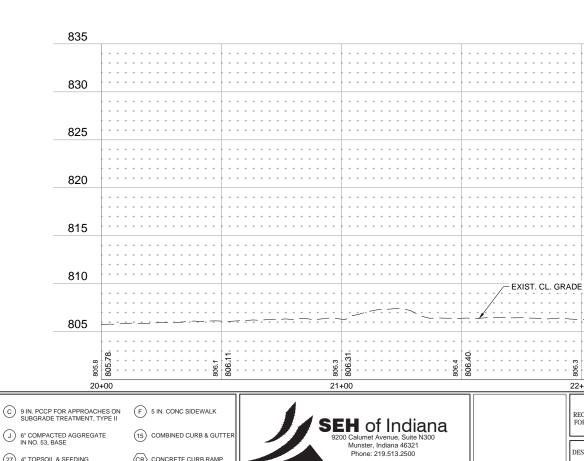
INDIANA DEPARTMENT OF TRANSPORTATION

- 1	VERTICAL SCALE	DES	IGNA1.	ION	
	1"=5'		XXX		Ξ
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	SURVEY BOOK	S	HEETS	;	
		20	of	TBD	Ξ
	CONTRACT	Pl	ROJEC	Γ	Ξ
- 1			*****		_

BRIDGE FILE

HORIZONTAL SCALE

PLAN AND PROFILE - STA. 10+00 TO 12+50
CLEAR LAKE ROADWAY IMPROVEMENTS



СНЕ

6/16/2020 1:38 PM rpugh Plot 6/17/2020 10:07 AM P:\PT\S\SMIGR\153022\5-final-dsgn\51-drawings\10-Civil\cad\dwg\sheet\153022PP-LINE H.dwg

 \bigcirc

) HMA FOR ROADWAY CONSISTING OF: 220 #/SYS HMA SURFACE, TYPE A ON 220 #/SYS HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

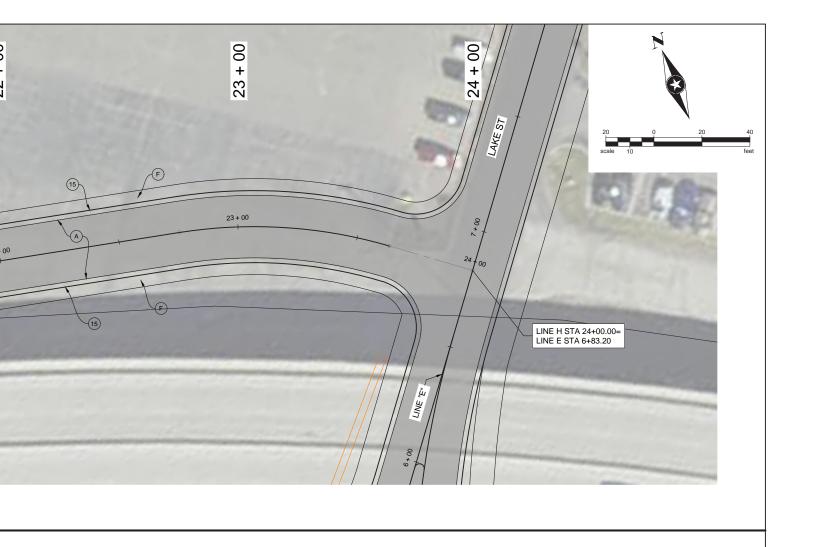
HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III

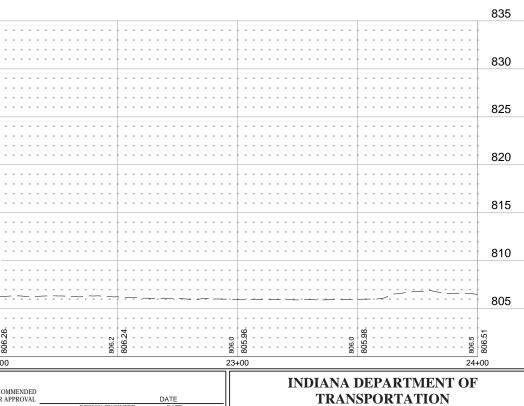
6" COMPACTED AGGREGATE IN NO. 53, BASE

4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)

(15) COMBINED CURB & GUTTER

CR CONCRETE CURB RAMP





INDIANA DEPARTMENT OF TRANSPORTATION

VERTICAL SCALE DESIGNATION SURVEY BOOK CONTRACT PROJECT XXX

HORIZONTAL SCALE

BRIDGE FILE

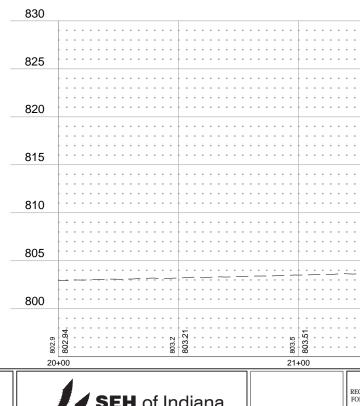
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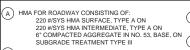
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PLAN AND PROFILE - STA. 20+00 TO 24+00 CLEAR LAKE ROADWAY IMPROVEMENTS



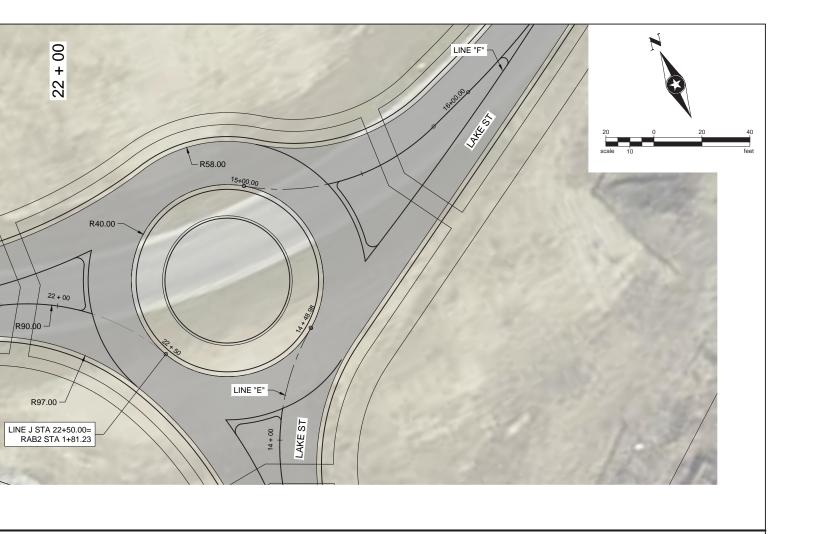
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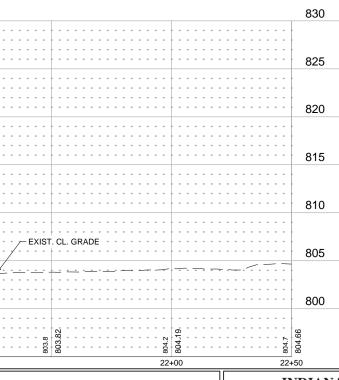


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- HMA FOR SHARED PATH CONSISTING OF: 140 #87'S HMA SURFACE, TYPE A ON 220 #87'S HMA INTERMEDIATE, TYPE A ON 6" COMPACTED AGREGATE IN NO. 53, BASE, ON SUBGRADE TREATMENT TYPE III
- © 9 IN. PCCP FOR APPROACHES ON SUBGRADE TREATMENT, TYPE II
- 6" COMPACTED AGGREGATE IN NO. 53, BASE 27) 4" TOPSOIL & SEEDING (REESTABLISH DISTURBED AREAS)
- F 5 IN. CONC SIDEWALK
- (15) COMBINED CURB & GUTTER
- CR CONCRETE CURB RAMP







PWS

SST

DESIGN ENGINEER

DRAWN:

CHECKED:

OMMENDED R APPROVAL

IGNED:

CKED:

INDIANA DEPARTMENT OF TRANSPORTATION

1"=20'				
VERTICAL SCALE	DESIGNATION			
1"=5'	XXX			
SURVEY BOOK	SHEETS			
	22 of TBD			
CONTRACT	PROJECT			

BRIDGE FILE

HORIZONTAL SCALE

PLAN AND PROFILE - STA. 20+00 TO 22+50
CLEAR LAKE ROADWAY IMPROVEMENTS

STATEMENT OF PROBABLE COSTS

CLEAR LAKE ROADWAY IMPROVEMENTS

ITEM NO.		L	AKE STREET II	MPROVEMENTS	
	Item	Unit	Total Quantities	Unit Cost	Total Cost
1	MOBILIZATION AND DEMOBILIZATION	LS	1	\$100,000.00	\$ 100,000.00
2	CONSTRUCTION ENGINEERING	LS	1	\$15,000.00	\$ 15,000.00
3	CLEARING OF RIGHT-OF-WAY	LS	1	\$15,000.00	\$ 15,000.00
4	MAINTENANCE OF TRAFFIC	LS	1	\$12,000.00	\$ 12,000.00
5	EROSION CONTROL	LS	1	\$12,000.00	\$ 12,000.00
6	EARTHWORK	CYS	5000	\$35.00	\$ 175,000.00
7	SUBGRADE TREATMENT, TYPE IB	SYS	8900	\$3.00	\$ 26,700.00
8	COMPACTED AGGREGATE BASE, O, NO. 53	TONS	2940	\$25.00	\$ 73,500.00
9	HMA PATCHING, TYPE C	TONS	50	\$110.00	\$ 5,500.00
10	HMA SURFACE, 9.5mm	TONS	740	\$85.00	\$ 62,900.00
11	HMA INTERMEDIATE, 19.0mm	TONS	1220	\$75.00	\$ 91,500.00
12	HMA BASE, 25.0mm	TONS	1960	\$65.00	\$ 127,400.00
13	ASPHALT FOR TACK COAT	SYS	8900	\$0.50	\$ 4,450.00
14	CURB & GUTTER	LFT	6300	\$24.00	\$ 151,200.00
15	SIDEWALK, CONCRETE, 5 IN.	SYS	3000	\$60.00	\$ 180,000.00
16	CONCRETE, COLORED, STAMPED, 9 IN.	SYS	850	\$150.00	\$ 127,500.00
17	CONCRETE DRIVE APRON, 9 IN.	SYS	400	\$90.00	\$ 36,000.00
18	CURB RAMP, CONCRETE	SYS	80	\$150.00	\$ 12,000.00
19	SEED GERMINATION BLANKET	SYS	7260	\$1.20	\$ 8,712.00
20	SEEDING	ACRES	1.50	\$5,000.00	\$ 7,500.00
21	TOPSOIL	CYS	300	\$40.00	\$ 12,000.00
22	SODDING	SYS	1800	\$8.00	\$ 14,400.00
22	LANDSCAPING	LS	1	\$20,000.00	\$ 20,000.00
23	SIGNAGE	LS	1	\$8,000.00	\$ 8,000.00
24	STRIPING	LS	1	\$3,000.00	\$ 3,000.00
25	UTILITY ADJUSTMENT / RELOCATION	LS	1	\$30,000.00	\$ 30,000.00
26	STORM SYSTEM	LS	1	\$80,000.00	\$ 80,000.00
27	LIGHTING	LS	1	\$160,000.00	\$ 160,000.00
28	SANITARY	LS	1		\$.00
29	WATER	LS	1		\$.00
	TOTAL				\$ 1,571,262.00

CONTINGENCY (30%)

471,378.60

TOTAL OPINION OF COST

\$ 2,042,640.60

ITEM NO.		TRUE	SDELL AVE IM	1PROVEMENTS	
	ltem	Unit	Total Quantities	Unit Cost	Total Cost
1	MOBILIZATION AND DEMOBILIZATION	LS	1	\$210,000.00	\$ 210,000.00
2	CONSTRUCTION ENGINEERING	LS	1	\$30,000.00	\$ 30,000.00
3	CLEARING OF RIGHT-OF-WAY	LS	1	\$30,000.00	\$ 30,000.00
4	MAINTENANCE OF TRAFFIC	LS	1	\$20,000.00	\$ 20,000.00
5	TREE REMOVAL	LS	1	\$20,000.00	\$ 20,000.00
6	EROSION CONTROL	LS	1	\$20,000.00	\$ 20,000.00
7	EARTHWORK	CYS	8000	\$35.00	\$ 280,000.00
8	SUBGRADE TREATMENT, TYPE IB	SYS	22000	\$3.00	\$ 66,000.00
9	COMPACTED AGGREGATE BASE, O, NO. 53	TONS	7200	\$25.00	\$ 180,000.00
10	HMA PATCHING, TYPE C	TONS	100	\$110.00	\$ 11,000.00
11	HMA SURFACE, 9.5mm	TONS	1800	\$85.00	\$ 153,000.00
12	HMA INTERMEDIATE, 19.0mm	TONS	3000	\$75.00	\$ 225,000.00
13	HMA BASE, 25.0mm	TONS	4800	\$65.00	\$ 312,000.00
14	ASPHALT FOR TACK COAT	SYS	22000	\$0.50	\$ 11,000.00
15	CURB & GUTTER	LFT	13100	\$24.00	\$ 314,400.00
16	SIDEWALK, CONCRETE, 5 IN.	SYS	5200	\$60.00	\$ 312,000.00
17	CONCRETE, COLORED, STAMPED, 9 IN.	SYS	300	\$150.00	\$ 45,000.00
18	CONCRETE DRIVE APRON, 9 IN.	SYS	500	\$90.00	\$ 45,000.00
19	CURB RAMP, CONCRETE	SYS	250	\$150.00	\$ 37,500.00
20	SEED GERMINATION BLANKET	SYS	7300	\$1.20	\$ 8,760.00
21	SEEDING	ACRES	1.50	\$5,000.00	\$ 7,500.00
22	TOPSOIL	CYS	3200	\$40.00	\$ 128,000.00
23	SODDING	SYS	15000	\$8.00	\$ 120,000.00
23	LANDSCAPING	LS	1	\$30,000.00	\$ 30,000.00
24	SIGNAGE	LS	1	\$15,000.00	\$ 15,000.00
25	STRIPING	LS	1	\$5,000.00	\$ 5,000.00
26	UTILITY ADJUSTMENT / RELOCATION	LS	1	\$60,000.00	\$ 60,000.00
27	STORM SYSTEM	LS	1	\$300,000.00	\$ 300,000.00
28	LIGHTING	LS	1	\$450,000.00	\$ 450,000.00
29	SANITARY	LS	1		\$.00
30	WATER	LS	1		\$.00
	TOTAL				\$ 3,446,160.00

CONTINGENCY (30%)

1,033,848.00

TOTAL OPINION OF COST

\$ 4,480,008.00

Design a Better Future







