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## The <br> New York Central Railroad Company

## Michigan Division

## Time Table No. 23

FOR EMPLOYES ONLY

Effective 2:00 A.M.

## Sunday, April 25, 1926 CENTRAL STANDARD TIME

## SPECIAL INSTRUCTIONS

Rules referred to by numbers are the Rules for the Government of the Operating Department, unless otherwise specified.

## M. OTHER RAILROADS.

Kalamazoo: Passenger trains between N. Y. C. and M. C. Passenger station, use M. C. wye. Fixed signal at Burdick St. governs movements against the current of traffic on M. C. track. When signal indicates proceed, trains may proceed to passenger station under flag protection.

## 3. STANDARD CLOCKS.

Adrian.............Telegraph office.
Elkhart.
B.

Elkhart........... Engine house. Passenger station. Yard masters office.
Fayette Telegraph office.
Grand Rapids.....Telegraph office.
Goshen. ............CX.
Hillsdale............Telegraph office.
Kalamazoo:
Freight station telegraph office.
6. SIGNS.
$\ddagger$ Stop on signal to discharge passengers.
Stop Sunday.

- Stop Saturday.

J Stop to discharge paying passengers from east of Toledo.
K Stop on signal to receive and discharge passengers, Saturday.
R Stop on signal to discharge passengers from north of Lenawee Jct.
T Stop on signal to receive passengers for east of White Pigeon.
U Stop on signal to discharge passengers from north of White Pigeon.

## 12. HAND, FLAG AND LAMP SIGNALS.

Elkhart: Freight trains must receive proceed hand signal from switch tender before passing track intersection at Oakland Ave.

## 17. HEADLIGHTS.

When rules require the headlight to be displayed, it must be dimmed while passing through yards where yard engines are employed; approaching stations at which stops are to be made or where trains are receiving or discharging passengers; approaching train order signals, junctions, terminals, or meeting points or standing on main track at meeting points and on two or more tracks when approaching trains in the opposite direction.

## 19. MARKERS.

Trains with rear car not equipped to display markers, as per Rule 19, will display red flag by day and red light by night, on rear of train.

## 34. COMMUNICATION OF SIGNAL INDICATIONS.

Indication of signals day and night will be communicated as follows: "red," "yellow" or "green." When other than the top arm, or top light, of an interlocking signal is "yellow" or "green," add "middle arm" or "middle light," or "bottom arm" or "bottom light," as the case may be. Rule 34 is modified accordingly.

## 83. TRAIN REGISTERS.

| *Elkhart | (B. <br> Passenger station. |
| :---: | :---: |
| Fayette. | Waiting room. |
| Findley. | Waiting room. |
| Goshen, G. \& M. |  |
| Branch....... | CX. |
| Grand Rapids. | . Passenger statior |

*Grosvenor.........Telegraph office.
*Hillsdale. Telegraph office
*Jonesville..........Telegraph office.
*Jonesville.......... Lansing Div. station.
*Kalamazoo,
Freight Station. Telegraph office.
*Lenawee Jct.......Telegraph office.
Monroe............Telegraph office.
*Sturgis............Telegraph office.
*White Pigeon.
....Telegraph office.
*Signalmen will register trains as follows: White Pigeon. All except Grand Rapids Branch trains. Lenawee Jct. All except Monroe Branch and Lansing Division Jackson Branch trains.
Adrian, Grosvenor, Hillsdale, Jonesville, Kalamazoo, $B$ and Sturgis. All trains.
Jonesville (Lansing Div.) Michigan Division trains.
Jonesville (Michigan Div.) Lansing Division (Ft. Wayne Branch) trains, arrival at and departure from Ft. Wayne Jct.

## 83. CLEARING OF TRAINS.

Trains will not leave the following stations without clearance card:

Adrian:
B:
Elkhart RT
Telegraph office:
Fayette.
Findley.
Goshen.
Grand Rapids.
Grosvenor:
Hillsdale:

Monroe, Fayette and Lansing division Jackson Branch trains.
Freight trains.

## Passenger trains.



Fayette Branch trains. Michigan division freight trains. Lansing division Ft. Wayne and Lansing Branch westward trains.
Jonesville, Michigan division station: Lansing division Lansing Branch eastward trains.
Lansing division station: Lansing division Ft. Wayne Branch eastward trains.
Kalamazoo:
Lenawee Jct.:
Freight trains.
Monroe Branch and Lansing division Jackson Branch trains.
Monroe.
Sturgis:
G. \& M. Branch trains.

Toledo XD
Telegraph Office:
White Pigeon:
Z:
Passenger trains.
Grand Rapids Branch trains.
Freight trains.
Clearance cards must be authorized by the train dispatcher, except in case of wire failure, when they may be issued by operators, provided they have no train orders for train to which issued.

## 90. SIDING SWITCHES.

Trains taking siding will take first switch, except:

Old Road:

Adrian.................. $\begin{gathered}\text { scale track switch. } \\ \text { Westward Monroe Branch first } \\ \text { class trains take first switch, }\end{gathered}$ class trains take first switch, Detroit track.
Eastward trains take second switch east of Center St. overhead bridge, scale track.
Blissfield............... Eastward, third east of station.
Bronson. ............... Westward, first east of station.
Clayton. ............... Westward, first west of station.
Coldwater.............Westward, second east of station.
Fort Wayne Jct.......... Eastward, third.

Eastward, second class and extra trains, west passing track switch.
Westward, first east of station. Ft. Wayne and Lansing Branches first class trains and Old Road eastward first class trains entering siding, or westward first class trains leaving siding, will use crossover switch immediately west of passenger station.
Hudson. ...............Westward, first east of station
Jonesville..............Westward, Lansing Division regular trains, first west of station.
(Westward, Jackson Branch passenger trains first switch.
Westward, first west of station.
Westward, first west of station.
Pittsford Eastward, first east of station. Sylvania Westward, first east of station.
White Pigeon.
$\left\{\begin{array}{l}\text { Eastward, second. } \\ \text { Westward, second. }\end{array}\right.$

## Grand Rapids Branch:

| Constantine | wa |
| :---: | :---: |
| Dorr. | Northward, fifth. |
| Eagle Mills | Northward, crossover south of station. |
| Grand Rapids | Northward, third north of Butterworth St. |
| Kalamazoo, north yard | (Northward, first north of M. C. crossing. <br> Southward, first at north end of north yard. |
| Kalamazoo, south yard | (Southward, crossover south of Alcott St. <br> Northward, first north of engine track. |
| Otseg | (Southward, third south of station. <br> Northward, second. |
| Plainwel | .Southward, first south of P. R. R. crossing. |
| Schoolcraf | .Northward, crossover north of station. |
| hree Rive | .Northward, first north of river bridge. |

## Goshen and Michigan Branch:

Sturgis
G. \& M. trains north wye.

## Monroe and Fayette Branches:

Deerfield. ................ Eastward, second.
Fayette................Westward, second.
Morenci. ..................Eastward, second.
93. YARDS. Limits defined by signs.

| Adrian | Jonesville. |
| :--- | :--- |
| Allegan. | Kalamazoo. |
| Blissfield. | Lenawee Jct. |
| Coldwater. | Monroe. |
| Constantine. | Otsego. |
| Elkhart. | Quincy. |
| Ft. Wayne Jct. | Sturgis. |
| Goshen. | Three Rivers. |
| Gra.d Rapids. | White Pigeon. |
| Hillsdale. |  |

## 98. RAILROAD GRADE CROSSINGS.

Location
Railroad
Signals
**Adrian
D. T. \& I $\qquad$ Interlocking.
Adrian. ............Wabash..............Interlocking.
Adrian, Page Fence
Co.
...................Electric. R. R. grade crossing.

## Adrian, Peerless Fence

Co...................Electric............. R. R. grade crossing.
Allegan................ Electric..............No signals.
Bimo.................. D. T. \& I.......... R. R. grade crossing.
Blissfield,Continental
Sugar Co...........T. \& W..............R. R. grade crossing.
Elkhart............... Old south yard.... R. R. grade crossing.
*Federman. ............Ann Arbor. ........ Interlocking.
Grand Rapids
(Shawmut Ave.)...P. R. R............ R. R. grade crossing.
Grand Rapids........ P. M................R. R. grade crossing.
Harrison...............T. \& W. Electric. .Interlocking.
Kalamazoo........... .C. K. \& S...........Interlocking.
M. C................ Interlocking.

Kalamazoo Wye..... . P. R. R............. Interlocking.
\{G. T............... R. R. grade crossing.
Kalamazoo...........G.T. and P.R.R...R. R. grade crossing.
Lenawee Jct. ....... $\{$ Jackson and Mon-
Monroe................P. M...............Interlocking.
Monroe, dock track. \{N. Y. C., M. C. and . grade crossing.
MR..................... P. M. ................Interlocking.
Petersburg............T. \& D............. R. R. grade crossing.
Plainwell. ............. P. R. R............. Interlocking.
Schoolcraft. ..........G. T................. Interlocking.
Sturgis, Old Road....P. R. R. and G. \& M. ..........Interlocking.

Sturgis, G. \& M.
Branch..............P. R. R. and Old Road

Interlocking.
Three Rivers..........M. C...............Interlocking.
*Normal position against N. Y. C. 5:30 P. M. until 8.30 A. M. Operated by trainmen.
**Normal position against D. T. \& I. 11:59 P. M. Saturday until 11:59 P. M. Sunday. No Levermen on duty.

## 98. DRAW BRIDGES.

## Location

Signals
Grand Rapids, Grand River. ...No signals, not interlocked.
98. SIDINGS.

Capacity, based on 43 -foot cars.
$\qquad$
Adrian.
69
Allegan............ $\left\{\begin{array}{l}\text { East track..................... } 28 \\ 27\end{array}\right.$
House track........................ 27
Allen........................................................... 24
Argenta.................................................. 23
Batavia................................................... 51
Blissfield........... $\{\ldots . . . . . . . . . . . . . . . . . . . . . . . .$.
\{stand pipe track................ 25
Bristol..................................................... . . 51
Bronson....................................................... 55

Capacity, based on 43-foot cars.
Burr Oak. ..... 72
Byron Center ..... 14
Cadmus. ..... 23
Clayton ..... 67
Coldwater. ..... 39
Constantine ..... 43
Cooper ..... 21
Deerfield ..... 26
Dorr. ..... 35
Fayette ..... 25
Findley ..... 19
Florence ..... 23
Flowerfield ..... 16
Ft. Wayne Jct ..... 73
Goshen. ..... 12
Grand Rapids. ..... 37
Grosvenor. ..... 28
Herps ..... 1
Hilliards ..... 25
Hillsdale ..... 79
Hopkins. House track ..... 21
WWest track. ..... 21
Hudson ..... 34
Ida. ..... 17
Jasper. ..... 29
Jonesville ..... 38
Kalamazoo, north yard ..... 15
Kalamazoo, south yard ..... 52
Klinger Lake ..... 42
Lenawee Jct ..... 78
Middlebury ..... 37
Miner Lake ..... 4
Moorepark. ..... 50
Morehous. ..... 42
Morenci ..... 21
Ogden. ..... 8
Osseo ..... 31
Otsego ..... 35
Ottawa Lake. ..... 56
Palmyra ..... 16
Petersburg ..... 16
Pittsford ..... 69
Plainwell. ..... 48
Portage ..... 48
Quincy ..... 32
Richards. ..... 67
Riga. ..... 21
Schoolcraft ..... 40
Seyberts. ..... 7
Shipshewanna. ..... 25
Sissons. ..... 7
Strasburg. ..... 28
Sturgis. OOld Road. ..... 17
WWe track. ..... 12
Sylvania ..... 78
Three Rivers ..... 42
Twin Lake ..... 4
Vistula. ..... 47
Wellsville ..... 6
Wentworth. ..... 57
Weston. ..... 18
White Pigeon........ Old Road. ..... 50 ..... 44Grand Rapids Branch

Trains using following sidings must expect to find them occupied by cars.

| Adrian \{ Detroit track. | Hillsdale. |
| :---: | :---: |
| Abronia. | Hopkins. |
| Allegan. | Kalamazoo (north and |
| Argenta. | south yard. |
| Byron Center. | Middlebury. |
| Cooper. | Morehous. |
| Eagle Mills. | Otsego. |
| Florence. | Richards. |
| Flowerfield. | Shipshewanna. |
| Ft. Wayne Jct. | Sturgis. |
| Grand Rapids. | Vistula. |
| Hilliards. | Wentworth, new yard. |

## 103. PUBLIC GRADE CROSSINGS,

Monroe: State Trunk Line highway, M-10, just west of PM tower on Monroe Branch. Trains and engines must stop before crossing, $6 \mathrm{P} . \mathrm{M}$. until 9 A . M.
Trainmen must flag trains or engines over the following crossings:
Adrian: Main and Division Sts., switching movements.
Coldwater: Clay, Division and Jefferson Sts., switching movements.
Sturgis: Chicago St., G. \& M. Branch trains.

## 106. PASSING TRAINS.

Passenger trains will, if practicable, be moving when passed by a train on an adjacent track.

## 108. WATER STATIONS.

Adrian.
Blissfield.
Coldwater.
Dorr.
Fayette.
Flowerfield.
Goshen.
Grand Rapids. Grosvenor.

Hillsdale.
Hudson.
Jonesville.
Kalamazoo, south yard.
Monroe.
Otsego.
Petersburg.
Sturgis.
Three Rivers.
White Pigeon

Except when scooping at track pans, engines of freight trains of more than 25 cars must be detached before taking water unless, in the judgment of the engineman, it is unnecessary.
Rule 108 is modified accordingly.

## 109. BULLETIN BOARDS AND BOOKS



## 110. DESIGNATION AND USE OF MAIN TRACKS.

Single Track:
Between Vulcan and Elkhart. Lenawee Jct. and Monroe. Grosvenor and Fayette. Grand Rapids and White Pigeon. Findley and Goshen.

## 751. TIME SIGNAL STATIONS ARE OPEN

Signal stations are open as specifed in list of Stations, Telegraph Calls, Signals and Telephones.

## 901. MANUAL BLOCK SIGNALS.

## Between Vulcan and White Pigeon. White Pigeon and Grand Rapids. Goshen and Findley. Lenawee Jct. and Monroe. Grosvenor and Fayette.

Rule 947. Second paragraph reading, "A train must not be admitted to a block which is occupied by an opposing train or by a passenger train, nor a passenger train admitted to a block occupied by a preceding train, except as provided in Rule 958, or by train orders," will not apply within yard limits in connection with movements of second class and extra trains. Indications of manual block signals will convey to second class and extra trains information as to conditions of block only to yard limit signs except at Monroe and Goshen, indications of Manual Block Signals will convey to trains, irrespective of class, information as to condition of block only to End of Monroe Branch Manual Block Sign at Monroe and Goshen and Michigan Branch Manual Block Sign at Goshen. Between the End of these Manual Block Signs and passenger stations, trains irrespective of class, will run prepared to stop short of obstruction, protecting against following movements.

## 1002. AUTOMATIC BLOCK SIGNALS.

Between White Pigeon and B Elkhart.

## 1002. GRADE SIGNALS.

A yellow disc, showing the letter G, displayed to the right of an automatic block signal, indicates grade signal. Grade signals must be observed as prescribed in Rule 1004, except when indicating "Stop; then Proceed," heavy tonnage freight trains will not be required to stop, but may proceed at slow speed to next_signal in advance.


## Location Signal Position Indication

Monroe dock
track.. Gate Target.Over N.Y.C.
D.T. C. and
D.T.\&S.L...Proceed on Monroe Branch.
****Petersburg.Gate Target.Over T. \& D...Proceed on N.Y.C.
*Normal position against N. Y. C. Operated by trainmen.
***perated by trainmen.
***Normal position against N. Y. C. Operated by trainmen, 4:30 P. M. until 6:00 A. M.
${ }^{* * * *}$ Normal position against N. Y. C. 6:00 P. M. until 8:00 A. M. Operated by trainmen.

## 1267. LEAVING CARS ON SIDE TRACKS.

Cars with hot journals must not be left on any track in close proximity to where gasoline is loaded or unloaded.

## 1307. AIR BRAKES.

When stopping freight trains of 25 or more cars for water or coal, air brakes must be applied by engineman and engine detached, unless, in the judgment of the engineman, it is unnecessary. If on a grade, hand brakes must be applied to hold train. While taking coal or water, engine brake must be held applied. Rule 1549 of the Rules for the Operation and Supervision of Air Brake, Train Air Signal and Steam Heat Equipment is modified accordingly.

## 1401. SPEED RESTRICTIONS.

Speed restrictions are shown in miles per hour and apply to the entire train.

## General

Circus trains with freight equipped cars........... 25
Engines: Class B, M and U under steam or being towed.25

Class NE ..... 25
Engines rumning backward by night over public crossings. ..... 15
Railroad grade crossings, interlocked ..... 50
Revenue freight trains with cranes moving on their own wheels ..... 25
Signal Indications, grade signals ..... 10
Signal Indications, Rules 708 and 709, through interlocking ..... 10
Signal Indications, Rules 705 and 707 , through interlocking ..... 30
Switches and crossovers, not interlocked ..... 10
Trains consisting of 50 per cent or more 55 - ton capacity or greater coal cars, loaded. ..... 30
Trains with dead engines, not having all side or main rods ..... 20
Trains with scale test cars ..... 25
Troop trains with freight cars. ..... 25
Local
15
Adrian. ..... 15
Blissfield
8
8
Bridge $761 / 2$, Otsego: Engines Class G-43
B: Through interlocking............ ..... 10
Findley: Hog Creek curve $13 / 4$ miles south ..... 20
Goshen: Within yard limits ..... 15
Grand Rapids: Over Butterworth, Fulton, Straight, Shawmut and Watson Aves. 4:30 P. M. until 6:00 A. M ..... 8
Grand River Drawbriage. ..... 15
Hillsdale.
Hillsdale. ..... 15 ..... 15
Hopkins: Over Main St ..... 25
Kalamazoo, C. K. \& S. crossings: Freight trains ..... 20
Passenger trains ..... 30
Kalamazoo: N. Y. C. track and M. C. station. ..... 8
Kalamazoo: Over Portage, Vine and Third Sts...Frank, Myrtle, North, Parsons,Patterson, Ranson and Richardson8
Sts
Lenawee Jct.: Old Road curve ..... 40 ..... 6
Schoolcraft: Over Cass and Eliza Sts
Schoolcraft: Over Cass and Eliza Sts
Sturgis: Over Nottawa St ..... 15
Sylvania ..... 15
Three Rivers: M. C. crossing and station
8
8
Williams: Marsh $11 / 4$ miles south ..... 25


## 1402. ENGINE AND CAR RESTRICTIONS.

Steam cranes X-50, X-59, X-60 or X-63 are not permitted to operate on Goshen and Michigan or Fayette Branches.
Engines must not be operated as shown below:

## Locations

Adrian:
Wabash wye track.
Allegan:
P. M. interchange tracks...........
.H-5, H-6, H-7, K-3, K-11, K-41, L-1.

Blissfield:
Continental Sugar Co. tracks... G-6, G-46, H-5, H-6, K-3, K-11, K-41.

Coldwater:
Coombs Mill track.
G-6, G-46, H-5, H-6, H-7, K-3, K-11, K-41, L-1.

Cement Works track.
G-6, G-46, H-5, H-6, H-7, K-3, K-11, K-41, L-1.

Cent H-5, H-6, H-7, K-3, K-11, K-41, L-1.
Pratt Mfg. Co. track. G-6, G-46, H-5, H-6, H-7, K-3, K-11, K-41, L-1.
Water Works track. H-5, H-6, H-7, K-3,

Constantine:
Carbolite track. K-11, K-41, L-1.

Paper Mill tracks.
G-6, G-46, H-5, H-6, K-3, K-11, K-41. G-6, G-46, H-5, H-6, K-3, K-11, K-41.
Eagle Mills:
Horn track. G-6, G-46, H-5, H-6, K-3, K-11, K-41.


## 1405. SPECIAL USE OF TRACKS.

Hillsdale. Main siding from 150 feet east of east end of passenger station to crossover near engine house and also second track south of main siding from above crossover to west switch leading into main siding, will be used as main track for Lansing Division, Ft. Wayne Branch first class trains. Michigan Division trains using these tracks must be governed accordingly.

Grosvenor. Old Road trains will use Fayette Branch main track as siding. Fayette Branch trains must approach Grosvenor expecting to find main track occupied.
Sturgis. Old Road trains will use G. \& M. Branch main track for switching purposes. G. \& M. Branch trains will approach Sturgis expecting to find main track occupied.

## 1406. TELEPHONES.

Conductor or engineman must use telephones whenever necessary to facilitate the movement of trains. Instructions received by telephone must be repeated and names and occupation of the employes exchanged to avoid misunderstanding.

## 1420. LAWS.

## Ohio.

At railroad crossings and junctions at grade, not interlocked, all trains must come to a full stop, not nearer than two hundred (200) feet, nor further than eight hundred (800) feet from the crossing, and shall not cross until signalled to do so by the watchman nor until the way is clear.
W. J. HAMANN, Train Master.


On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.
Time shown at Toledo is for information only.

## TOLEDO TO ELKHART-OLD ROAD

continued from page 6 WESTWARD-FIRST-CLASS


On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.
Time shown at Toledo is for information only.

TOLEDO TO ELKHART-OLD ROAD
continuedfrompage t WESTWARD-SECOND-CLASS

|  |  | 91 | 93 | 65 | 77 | 95 | 53 | 57 | 97 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\stackrel{+}{+}$ | STATIONS | $\underset{\text { Freight }}{\text { Local }}$ | $\underset{\text { Freight }}{\text { Way }}$ | $\underset{\text { Lansing }}{\text { Division }}$ | $\underset{\text { Livision }}{\text { Lins }}$ | $\underset{\text { Freight }}{\substack{\text { Way }}}$ | $\begin{aligned} & \text { Grand } \\ & \text { Rapids } \\ & \text { Branch } \end{aligned}$ | $\underset{\substack{\text { Lansing } \\ \text { Division }}}{ }$ | $\underset{\text { Freight }}{\text { Local }}$ |
| $\begin{aligned} & \text { g } \\ & \text { 룹 } \end{aligned}$ |  | Daily Except Sunday | Datly Except Suncay | Daily $\stackrel{\text { Except }}{ }$ Sunday | Daily <br> Except Sunday <br> Sunday | Daily Except Sunday Sunday | Daily Except Sunday | Daily Except Sunday Sunday | Daily Except Sunday |
|  | leave | A. M. | A. M. | A. M. | A. M. | A. M. | A. M. | P. M. | P. M. |
|  | Toledo............................ N |  |  |  |  |  |  |  |  |
| 3.80 | Vtulcan........................... . . | 12.45 |  |  |  | 8.45 |  |  |  |
| 5.63 | Richards. | 12.55 |  |  |  | 8.55 |  |  |  |
| 10.16 | Sylvania..................... . | 1.05 |  |  |  | 9.10 |  |  |  |
| 14.85 | Ottawa Lake................... D | 1.15 |  |  |  | 9.25 . |  |  |  |
| 20.06 | Riga............................. D | 1.30 |  |  |  | 9.38 |  |  |  |
| 22.15 | Blissfield......................... | 1.50 |  |  |  | 10.43 |  |  |  |
| 24.80 | Grosvenor.................... . D | 2.00 |  |  |  | 11.20 |  |  |  |
| 26.42 | Palmyra....................... D | 2.10 |  |  |  | 11.35 |  | P. M. |  |
| 28.24 | Lenawee Jct..................... . N | 2.40 |  |  |  | 11.50 |  | 2.50 |  |
| 31.83 | WB. . . . . . . . . . . . . . . . . . . . . . N |  |  |  |  |  |  |  |  |
| 32.35 | Adrian.......................... . | 3.10 |  |  |  | 12.25. |  | 3.05 |  |
| 39.52 | Cadmus....................... D | 3.35 |  |  | . | 12.58 |  | P. M. |  |
| 43.37 | Clayton....................... N | 3.55 |  |  | ..... | 2.00 |  |  |  |
| 49.81 | Hudson......................... , | 4.25 |  |  |  | 2.35 |  |  |  |
| 56.12 | Pittsford....................... N | 4.55 |  |  |  | 2.55 |  |  |  |
| 59.88 | Osseo......................... . . | 5.15 | A. M. | A. M. | A. M. | 3.10 . |  |  | P. M. |
| 65.68 | Hillsdale...................... , | A 5.45 | 7.00 | L 8.25 | 8.40 | A 3.30 |  |  | 2.40 |
| 69.58 | Ft. Wayne Jct. | A. M. | 7.10 | 8.34 | 8.50 | P. M. |  |  | 2.55 |
| 70.18 | Jonesville...................... . |  | 7.20 | 8.35 | A. M. |  |  |  | 3.00 |
| 75.28 | Allen......................... d |  | 7.30 | A. M. |  |  |  |  | 3.15 |
| 81.79 | Quincy...................... . |  | 7.55 |  |  |  |  |  | 3.30 |
| 88.18 | Coldwater.................... N |  | 8.45 |  |  |  |  |  | 3.50 |
| 93.38 | Batavia....................... D |  | 9.15 |  |  |  |  |  | 4.15 |
| 98.94 | Bronson........................ . |  | 9.45 . |  |  |  |  |  | 4.35 |
| 105.67 | Burr Oak.....................n |  | $\left\{\begin{array}{l} 10.00 \\ 10.50 \end{array}\right.$ |  |  |  |  |  | 5.00 |
| 111.90 | Sturgis......................... N |  | 11.30 |  |  |  |  |  | 8.40 |
| 112.18 | RK............................ . . |  |  |  |  |  |  |  |  |
| 117.54 | Klinger Lake................... d |  | 11.50 |  |  |  | A. M. |  | 7.05 |
| 123.64 | White Pigeon.................. . . |  | 12.20 |  |  |  | 9.50 . |  | 7.30 . |
| 128.98 | Vistula........................... |  | 12.40 |  |  |  | 10.10 |  | 7.55 |
| 134.06 | Bristol........................... . |  | 1.00 . |  |  |  | 10.30 . |  | 8.15 |
| 138.21 | Morehous....................... |  | 1.12 |  |  |  | 10.40 . |  | 8.30 |
| 142.27 | B................................ . |  |  |  |  |  |  |  |  |
| 142.42 | Elkhart........................ . . | .......... | 1.25 ... | ......... | A. |  | 11.00... | ......... | 8.45 . . |
|  | ARrive | A. M. | P. M. | A. M. | A. M. | P. M. | A. M. | P. M. | P. M. |

On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.

ELKHART TO TOLEDO-OLD ROAD
EASTWARD-FIRST.CLASS


On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.
Time shown at Toledo is for information only.

## ELKHART TO TOLEDO-OLD ROAD



[^0]Time shown at Toledo is for information only.


ELKHART TO TOLEDO-OLD ROAD continued from page 11

EASTWARD-SECOND.CLASS


On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.

## LENAWEE JCT. TO MONROE



MONROE TO LENAWEE JCT.


On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.

| GROSVENOR TO FAYETTE |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WESTWARD－SECOND．CLASS |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 8 | a | S |  | － | 8 | 38 | 过 |  |  |
| 家 | stations | Miced |  |  |  |  |  |  | anc |  |  |
| － |  | $\underbrace{\substack{\text { puly } \\ \text { simidy }}}_{\text {Puly }}$ |  |  |  |  |  |  |  |  |  |
| \％ | leave | A． x ． |  |  |  |  |  |  |  |  |  |
| 7.55 | Grosvenor． | 9.10 ． |  |  |  |  |  |  |  |  |  |
| 8.19 | Harrison＇s．．．．． |  |  |  |  |  |  |  |  |  |  |
| 9.70 | Baldari＇s Crossing． |  |  |  |  |  |  |  |  |  |  |
| 12.14 | Ogden．．．．．．．．．．．． | ${ }^{9.355}$ |  |  |  |  |  |  |  |  |  |
| 15.53 | Jasper．．．． | 9．55． |  |  |  |  |  |  |  |  |  |
| 19.19 | Weston． | 10.15. |  |  |  |  |  |  |  |  |  |
| 22.08 | Bimo． |  |  |  |  |  |  |  |  |  |  |
| 25.77 | Morenci．．．． | S 10.40. |  |  |  |  |  |  |  |  |  |
| 28．98． | Riters． | \＆ 10.55. |  |  |  |  |  |  |  |  |  |
| 32.51 | Fayette． | 11．15． |  |  |  |  |  |  |  |  |  |
|  | arruve | A．x． |  |  |  |  |  |  |  |  |  |

FAYETTE TO GROSVENOR
EASTWARD－SECOND－CLASS

|  |  | 9 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 妾 | Stations | Mised |  |  |  |  |  |  |  |  |
| 年 |  |  |  |  |  |  |  |  |  |  |
|  | Lenve | p．ar． |  |  |  |  |  |  |  |  |
|  | Fayette． | 12.30. |  |  |  |  |  |  |  |  |
| 3.53 | Ritters． | 12.42 ． |  |  |  |  |  |  |  |  |
| 6.74 | Morenci． | 1．00． |  |  |  |  |  |  |  |  |
|  | Bimo． |  |  |  |  |  |  |  |  |  |
| 13.32 | Weston． | 1.30 |  |  |  |  |  |  |  |  |
| 16.98 | Jasper． | 1.50 |  |  |  |  |  |  |  |  |
| 20.37 | Ogden． | 2.15. |  |  |  |  |  |  |  |  |
| ${ }_{2} 22.81$ | Baldevi＇s Crossing． |  |  |  |  |  |  |  |  |  |
| ${ }^{24.32}$ | Harrison＇s．．．． | 2.30. |  |  |  |  |  |  |  |  |
| 2.9 .96 | Grosvenor． | 2.45. |  |  |  |  |  |  |  |  |
|  | arave | p．x． |  |  |  | mis |  |  | $1 \times 1$ |  |

On single track，westward trains are superior to eastward trains of the same class，unless otherwise specified．
Nos． 8 and 9 will carry passengers．

GRAND RAPIDS TO WHITE PIGEON

| SOUTHWARD－FIRST－CLASS |  |  |  |  |  | SECOND－CLASS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\pm$ |  | 17 | 21 | 15 | itte | 53 | 51 |  |  |  |
| 㝠 | STATIONS | Passenger | Passenger | Passenger |  | $\underset{\text { Freight }}{\text { Way }}$ | $\underset{\text { Freight }}{\substack{\text { Way } \\ \text { Fict }}}$ |  |  |  |
| 慁 |  |  | Daily <br> Except <br> Sunday | Sunday |  | Daily Except <br> Sunday | Daily Except |  |  |  |
| 戓 | leave | A．M． | P．M． | р．M． |  | A．M． | A．M． |  |  |  |
| 0.0 | Grand Rapids．．．．．．．．．．n | 6.15 | 1.15 | 5.50 |  |  | 7.00 |  |  |  |
| 1.71 | Eagle Mills． |  |  |  |  |  |  |  |  |  |
| 3.41 | MR．．．．．．．．．．．．．．．．．n | 6.21 | 1.21 | 5.57 |  |  |  |  |  |  |
| 5.87 | Wentworth | 6.27 |  | f 6.03 |  |  | 7.25 |  |  |  |
| 11.89 | Byron Center．．．．．．．． D s |  |  | s 6．13． |  |  | 7.45 |  |  |  |
| 14.91 | Herps．．．．．．．．．．．．．．．． | 6.39 | 1.42 | $f \quad 6.18$ |  |  | － 7.58 |  |  |  |
| 17.82 | Dorr．．．．．．．．．．．．．．．d | s 6.45 | s 1.49 | s 6.24 |  |  | 8.10 |  |  |  |
| 21.49 | Hilliards．．．．．．．．．．．．ds | S 6.51 |  | f 6.30 |  |  | 8.25. |  |  |  |
| 25.41 | Hopkins．．．．．．．．．．．．． D s | S 7.00 | s 2.08 | s 6.38 |  |  | 8.35 |  |  |  |
| 29.07 | Miner Lake．．．．．．．．．．f | \％ 7.06 | \％2．14． | f 6.45 |  |  |  |  |  |  |
| 32.68 | Allegan．．．．．．．．．．．．．ds |  | s 2.21 |  |  |  | 9.20 |  |  |  |
| 38.46 | Abronia ．．．．．．．．．．．f | \＆ 7.22 |  | f 7.02 |  |  | 9.45 ． |  |  |  |
| 42.47 | Otsego．．．．．．．．．．．．．．． D s | s 7.30 | s 2.38 | s 7.10 |  |  | 10.00. |  |  |  |
| 46.27 | JN．．．．．．．．．．．．．．．N |  | 2.44 | 7.16 |  |  |  |  |  |  |
| 46.45 | Plainwell．．．．．．．．．．．．．．s |  |  | s 7.17 |  |  | 10.50 |  |  |  |
| 48.99 | Argenta．．．．．．．．．．．．．．s | s 7.42 | 2.50 | $\begin{array}{ll}\mathrm{f} & 7.22\end{array}$ |  |  | 11.05 |  |  |  |
| 52.21 | Cooper．．．．．．．．．．．．．．．$f$ |  |  |  |  |  | 11.20 |  |  |  |
| 57.65 | NorthYard（Kalamazoo） |  |  |  |  | A．M． |  |  |  |  |
| 57.95 | Kalamazoo．．．．．．．．．．．．．．．． | $\left\{\begin{array}{l}8.00 \\ 8.15\end{array}\right.$ | $\left\{\begin{array}{l}3.01 \\ 3.23\end{array}\right.$ | $\left\{\begin{array}{l}7.40 \\ 7.50\end{array}\right.$ |  | L 6.00 | A 11.45 ． |  |  |  |
| 60.40 | SouthYard（Kalamazoo） |  |  | $17.50$ |  |  | A．M． |  |  |  |
| 64.67 | Portage．．．．．．．．．．．．．ds | s 8.27 | 3.35 | f 8.02 |  | 6.15 ． |  |  |  |  |
| 71.13 | Schoolcraft．．．．．．．．．．nss | s 8.39 | s 3.50 | s 8.12 |  | 6.30 ． |  |  |  |  |
| 74.64 | Flowerfield．．．．．．．．．．．． f $_{\text {f }}$ | f 8.44 | s 4.00 | f 8.19 ． |  | 6.40 ． |  |  |  |  |
| 78.13 | Moorepark．．．．．．．．．．ds | s 8.50 | s 4.08 | f 8.26 |  | 6.55 |  |  |  |  |
| 83.14 | Three Rivers．．．．．．．． D ds | s 9.00 | s 4.20 | s 8.35 |  | 7.20 | ．．．．． |  |  |  |
| 83.75 | VE．．．．．．．．．．．．．．．．．．n | 9.03 | 4.23 ． | 8.37 |  |  | ．．．． |  |  |  |
| 87.18 | Florence． | f 9.08 | 4.30 | f 8.43 |  | 7.35 |  |  |  |  |
| 90.63 | Constantine．．．．．．．． D | s 9.16 | S 4.38 | s 8.50 |  | 8.15 |  |  |  |  |
| 94.53 | White Pigeon．．．．．．．．n | A 9.22 | A 4.50 | A 8.58 |  | A 8.45 |  |  |  |  |
|  | ARRIVE | A．M． | P．M． | P．M． | 1 | A．M． | A．M． |  |  |  |

[^1]
## WHITE PIGEON TO GRAND RAPIDS



On single track, northward trains are superior to southward trains of the same class, unless otherwise specified.
No. 18 will leave Michigan Central Passenger Station, Kalamazoo, 8.25 A. M.
No. 20 will leave Michigan Central Passenger Station, Kalamazoo, 3.50 P. M.
No. 24 will leave Michigan Central Passenger Station, Kalamazoo, 9.05 A . M.

## GOSHEN TO FINDLEY

| NORTHWARD-FIRST-CLASS |  |  |  |  |  | SECOND-CLASS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 511 |  |  |  | 513 |  |  |  |  |
| \% | Stations |  |  |  |  | Mired |  |  |  |  |
| $\begin{aligned} & \frac{8}{2} \\ & \frac{y y y}{4} \end{aligned}$ |  | $\begin{aligned} & \text { Tuestayy } \\ & \text { They } \\ & \text { SSuturdar } \end{aligned}$ |  |  |  |  |  |  |  | costict |
| = | lefave | р. m | 40 |  |  | A. M. |  |  |  |  |
|  | Goshen. | 2.00 . |  |  |  | 11.00 |  |  |  |  |
| 4.18 | Williams. | 2.07 . |  |  |  | 11.14 |  |  |  |  |
| 6.48 | Burns.......... | ¢ 2.13 |  |  |  | t 11.20 |  |  |  |  |
| 9.26 | Middlebury... | 2.18 . |  |  |  | s 11.50 |  |  |  |  |
| 12.73 | Oak. | 2.25 . |  |  | ........ | f 11.59 |  |  |  |  |
| 14.25 | Pashan. | 2.28 . |  |  |  | ¢ 12.05 |  |  |  |  |
| 16.43 | Shipshewana.......... | 2.33 | - | ..... | ......... | s 12.35 |  |  |  |  |
| 20.42 | Seyberts......... | 2.41 |  | ..... |  | F 12.45 . |  |  |  |  |
| 23.24 | Twin Lake... | 2.48 . |  |  |  | t 12.55. |  |  |  |  |
| 29.34 | Sturgis. | 3.05 . |  | ... |  | s 1.50 |  |  |  |  |
| 36.15 | Findley.............. ${ }^{\text {D }}$ | 3.20 . |  |  |  | 2.10 |  |  |  |  |
|  | ARrive | р. M. |  |  |  | р. M. |  |  |  |  |

FINDLEY TO GOSHEN

| SOUTHWARD-FIRST-CLASS |  |  |  |  |  | SECOND-CLASS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 512 |  |  |  | 510 |  |  |  |  |
| ${ }_{4}^{4}$ | stations | $\xrightarrow{\text { Accommo- }}$ dation |  |  |  | Mired |  |  |  |  |
| $\frac{8}{4}$ |  |  |  |  |  | $\begin{aligned} & \text { Tuestay } \\ & \text { Thusy } \\ & \text { Shur } \end{aligned}$ |  |  |  |  |
| \% | leave | A. M. |  | ar |  | A. M. |  |  |  |  |
|  | Findley ............. | 8.10 |  |  |  | 9.25 . |  |  |  |  |
| 6.81 | Sturgis. | 8.25 . |  |  |  | 9.50 |  |  |  |  |
| 12.91 | Twin Lake. | 8.38 |  |  | $\ldots$ | 10.20 |  |  |  |  |
| 15.73 | Seyberts......... | 8.44 . |  |  |  | \& 10.30 |  |  |  |  |
| 19.72 | Shipshewana..... | 8.54 |  | ..... |  | S 11.05. |  |  |  |  |
| 21.90 | Pashan. | 8.59 |  |  |  | (11.10 |  |  |  |  |
| 23.42 | Oak. | 9.03 . |  |  |  | \& 11.16 |  |  |  |  |
| 26.89 | Middiebury ........... ${ }^{\text {d }}$ | 9.08 . |  | ... |  | s 11.40 |  |  |  |  |
| 29.67 | Burns.............. | 9.15 . |  |  |  | 8 11.45 |  |  |  |  |
| 31.97 | Williams. | 9,19. |  | .... |  | f. 11.55 . |  |  |  |  |
| 36.15 | Goshen. | 9.30 |  |  |  | 12.20 |  |  |  |  |
|  | arrive | A. M. |  |  |  | р. M. |  |  |  |  |

On single track, northward trains are superior to southward trains of the same class, unless otherwise specified.
Nos. 510 and 513 will carry passengers.

## STATIONS, TELEGRAPH CALLS, SIGNALS AND TELEPHONES

VIA OLD ROAD
CONTINUED ON PAGE 19


# STATIONS, TELEGRAPH CALLS, SIGNALS AND TELEPHONES 

CONTINUED FROM PAGE 18
VIA OLD ROAD
CONTINUED ON PAGE 20


## STATIONS, TELEGRAPH CALLS, SIGNALS AND TELEPHONES

CONTINUED FROM PAGE 19
VIA OLD ROAD
CONTINUED ON PAGE 21


GRAND RAPIDS BRANCH

| Stations | $\begin{gathered} \text { Tele } \\ \text { graph } \\ \text { (Calls } \end{gathered}$ |  | SIGNALS |  | TELEPHONES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | SINGLE | TRACK | LOCATION | Side | Line |
|  |  |  | Southward | Northward |  | Track |  |
| White Pigeon. | GN | 0.0 | R1.1 | MB | Station Wye north end, on pole. | $\underset{\mathrm{E}}{\mathrm{E}}$ | $\begin{gathered} \text { D-M-B-Y } \\ \text { D-M-B } \end{gathered}$ |
| Passing Siding <br> Constantine | CR | 3.53.9 | MB | $\begin{aligned} & \text { SW } \\ & \text { MB } \end{aligned}$ | Station..Station, on east side. ${ }^{\text {a }}$.............. |  |  |
| Constantine $\qquad$ <br> Open week days $6: 40 \mathrm{a} . \mathrm{m}$. to $5: 15 \mathrm{p} . \mathrm{m}$. <br> Open Sundays $\quad 7: 20 . \mathrm{a} m$. to $0: 20 \mathrm{a} . \mathrm{m}$. |  |  |  |  |  | W | D-M-B |
| Passing Siding........................ |  | 4.8 | SW |  | Siding, north end, on pole. . . . . . . | E | D-M-B |
| Florence.................................. |  | 7.3 |  |  | Station. | E | D-M-B |
| VE. | VE | 10 11 11.0 11.2 | $\underset{\text { DS }}{\text { INT-MB }}$ | DS ${ }_{\text {DNT-MB }}$ | Tower Sheffield switch, on pole............... | $\begin{gathered} \mathrm{W} \\ \mathrm{E} \end{gathered}$ | $\begin{aligned} & \text { D-M-B } \\ & \text { D-M-B } \end{aligned}$ |



| stations | $\begin{array}{\|c} \substack{\text { Tele. } \\ \text { graph } \\ \text { Call }} \end{array}$ | $\left\|\begin{array}{c} \text { Miles } \\ \text { Wrom } \\ \text { Fhite } \\ \text { Pigoon } \end{array}\right\|$ | $\frac{\text { SIGNALS }}{}$ |  | TRLEPHONES |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Southward | Northward |  | Location thata | $\begin{gathered} \text { side } \\ \text { Track } \end{gathered}$ | Line |
| Wentworth <br> Yard track |  | 88.6 88.9 |  | SW |  | west side. 1 mile north of station, on |  | $\begin{aligned} & \text { D-M-B } \\ & \text { D-M-B } \end{aligned}$ |
| MR | MR | 91.2 | $\left\lvert\, \begin{gathered} \text { INT-MB } \\ \text { R92.1 } \end{gathered}\right.$ | $\left\|\begin{array}{c} \text { R91.2 } \\ \text { INT-MB } \end{array}\right\|$ | Interl | ng Signal Station ........ | E | D-M-B |
| American Cement Plaster Co.......... Valley City Desk Co................ |  | 91.5 93.5 |  | SW | Ameri swit Eagit South Poush Passer Freigh | Cement and Plaster Co on pole. s switch, on pole. tation, on pole. station. ation.. | $\begin{aligned} & \text { E } \\ & \text { E } \\ & \text { E } \\ & \text { E } \\ & \text { W } \end{aligned}$ | D-M-B D-M-B D-M-B |
| Grand Rapids. Open week days $5: 45 \mathrm{a}$. m. to $9: 45 \mathrm{p}$. m. <br>  | SX | 94.5 | MB | MB |  |  |  |  |

MONROE BRANCH

| STATIONS | $\begin{aligned} & \text { Tele- } \\ & \text { graph } \\ & \text { Calls } \end{aligned}$ | $\left\|\begin{array}{c} \text { Miles } \\ \text { from } \\ \text { Monroe } \end{array}\right\|$ | SIGNALS |  | TELEPHONES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | SINGLE TRACK |  | LOCATION | $\begin{gathered} \text { Side } \\ \text { of } \\ \text { Track } \end{gathered}$ | Line |
|  |  |  | Southward \| | Northward |  |  |  |
| Monroe | MO | . 0 | MB |  | Station. Amendt switch, west end, on pole. | S | $\begin{aligned} & \text { D-M } \\ & \text { D-M } \end{aligned}$ |
| Monroe-P. M. R. R. Operated as Manual Block Station, 7.00 a. m. to 3:00 p. m. Daily. |  | 1.2 1.5 1.8 | $\begin{aligned} & \text { INT } \\ & \text { DS } \end{aligned}$ | $\begin{aligned} & \text { DS } \\ & \text { INT } \end{aligned}$ | Interlocking Signal Station ........ | N | D-M |
| Strasburg.. |  | 6.9 |  |  | Siding, west end, on pole. . . . . . . . . | N | D-M |
| Ida $\begin{aligned} & \text { Open week days } \\ & \text { 8: } 22\end{aligned}$ | DY | 9.9 | MB | MB | Station............................. | N | D-M |
| Federman. ................................................................................. Federman. |  | $\begin{aligned} & 12.1 \\ & 12.4 \\ & 12.4 \\ & 12.7 \end{aligned}$ | $\begin{aligned} & \text { INT } \\ & \text { DS } \end{aligned}$ | $\begin{aligned} & \mathrm{DS} \\ & \mathrm{INT} \end{aligned}$ | Station. | S | D-M |
|  | BU | 17.0 | MB | MB | Station. | N | D-M |
| Deerfield Open week days | HG | 20.5 | MB | MB | Station............................ | N | D-M |
| Lenawee Jct. .......................... | WA | 29.3 |  | MB | North end Jackson branch siding, on pole. <br> Station. | $\stackrel{\mathrm{E}}{\mathrm{S}}$ | D-M |

## STATIONS, TELEGRAPH CALLS, SIGNALS AND TELEPHONES

CONTINUED FROM PAGE 22
FAYETTE BRANCH

| STATIONS | $\begin{aligned} & \text { Tele- } \\ & \text { graph } \\ & \text { Calls } \end{aligned}$ | $\begin{array}{\|c} \text { Miles } \\ \text { from } \\ \text { Adrian } \end{array}$ | SIGNALSSINGLE TRACK |  | TELEPHONES |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | LOCATION | $\begin{array}{\|c} \text { Side } \\ \text { of } \\ \text { Track } \end{array}$ | Line |
|  |  |  | Southward | Northward |  |  |  |
| Grosvenor. $\qquad$ Open week days $6: 50 \mathrm{a}, \mathrm{m}$, to $4: 00 \mathrm{p} . \mathrm{m}$. | GS | 7.6 | MB | MB | Station <br> Station, on east end | S | D |
| Harrison............................... |  | 8.1 |  |  |  |  |  |
| Ogden................................... | OG | 12.1 |  |  | Station........................... | S | D |
| Jasper. Open week days $8: 00 \mathrm{a}$. m. to $\mathrm{5}: 00 \mathrm{p} . \mathrm{m}$. | J | 15.3 | MB | MB | Station. | N | D |
| Weston Open week days 8:00 a. m. to 5:00 p. m. | WS | 19.1 | MB | MB | Station. | N | D |
| Bimo.................................... |  | 22.0 |  |  |  |  |  |
| Morenci $\qquad$ Open week days 8:00 a. m. to 5:00 p.m. | MG | 25.7 | MB | MB | Station........................... | N | D |
| Ritters............................... |  | 28.9 |  |  |  |  |  |
| Fayette. $\qquad$ <br> Open week days 8:00 a. m. to 5:00 p. m. | FO | 32.5 |  | MB | Station. | N | D |

G. \& M. BRANCH


## SPEED TABLE

NOTE-This tabla is for information only and does not authorize exceeding speed limitations of special instructions or however issued.

| Time per Mile | Miles per Hour | Time per Mile | Miles per Hour | Time per Mile | Miles per Hour | Time per Mile | Miles per Hour |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $0 \min .36 \mathrm{sec} .$ | 100.00 |  | 40.00 |  | 25.00 |  | 18.18 |
| $\begin{array}{llll} 0 & 4 & 37 & \text { " } \\ 0 & 4 & 38 & \text { " } \end{array}$ | 97.30 94.74 | $\begin{array}{llll}1 & \text { "1 } & 31 & \text { " } \\ 1 & \text { " } & 32 & \text { " }\end{array}$ | 39.56 39.13 | $\begin{array}{llll} 2 & \text { "1 } & 25 & \text { " } \\ 2 & \text { " } & 26 & \text { " } \end{array}$ | 24.83 24.66 |  | 18.09 |
| $\begin{array}{lllll}0 & \text { - } & 39\end{array}$ | 94.31 92.31 | $\begin{array}{llll}1 & \text { " } & 32 & \text { " }\end{array}$ | 38.71 | $\begin{array}{llll}2 & \text { " } & 27 & \text { " }\end{array}$ | 24.66 24.49 | $\begin{array}{llll}3 & \text { " } & 20 & \text { " }\end{array}$ | 18.00 |
| $\begin{array}{lll}0 & \text { "1 }\end{array}$ | 90.00 | $\begin{array}{llll}1 & \text { " } & 34 & \text { " }\end{array}$ | 38.30 | 2 " 28 " | 24.32 | $\begin{array}{llll}3 & \text { " } & 22 & \\ \\ & \end{array}$ | 17.82 |
| $\begin{array}{llll}0 & \text { " } & 41 & \text { " }\end{array}$ | 87.80 | $\begin{array}{lllll}1 & \text { " } & 35 & \text { " } \\ 1 & \text { 1 } & & \\ \end{array}$ | 37.89 | $\begin{array}{llll}2 & \text { " } & 29 & \text { " }\end{array}$ | 24.16 | $\begin{array}{llll}3 & \text { "1 } & 23 & \\ 3 & \end{array}$ | 17. 73 |
| 0 " 42 " | 85.71 | $1{ }^{1}$ " 36 " | 37.50 | 2 " 30 " | 24.00 | $\begin{array}{llll}3 & \text { " } & 24\end{array}$ | 17.65 |
| $\begin{array}{llll}0 & \text { " } & 43 & \text { " }\end{array}$ | 83.72 | $\begin{array}{llll}1 & \text { " } & 37 & \text { " } \\ 1 & \text { " } & 38 & \text { " }\end{array}$ | 37.11 | $\begin{array}{llll}2 & \text { "1 } & 31 & \text { " }\end{array}$ | 23.84 | $\begin{array}{llll}3 & \text { "1 } & 25 & \text { " } \\ 3 & \text { " }\end{array}$ | 17. 56 |
| $\begin{array}{llll}0 & \text { "1 } & 44 & \\ 0\end{array}$ | 81.82 | 1 " 38 " | 36.73 | $2{ }^{2}$ " 32 " | 23.68 | $\begin{array}{llll}3 & \text { " } & 26 & \\ \end{array}$ | 17. 48 |
| $\begin{array}{llll}0 & \text { " } & 45 & \text { ". }\end{array}$ | 80.00 | $\begin{array}{llll}1 & \text { " } & 39 & \text { " }\end{array}$ | 36.36 | $\begin{array}{llll}2 & \text { " } & 33 & \text { a }\end{array}$ | 23.53 | $\begin{array}{llll}3 & \text { " } & 27 & \\ 3 & \end{array}$ | 17. 39 |
| 0 " 46 " | 78.26 | $1{ }^{1}$ " 40 " | 36.00 | 2 " 34 " | 23.38 | $3{ }^{3}$ "1 28 " | 17.31 |
| $\begin{array}{llll}0 & \text { "1 } & 47 & \text { " }\end{array}$ | 76.60 | $\begin{array}{llll}1 & \text { ". } & 41 & \text { " }\end{array}$ | 35.64 | $2{ }^{2}$ " 35 " | 23.23 | $\begin{array}{llll}3 & \text { " } & 29 & \\ \\ & & \end{array}$ | 17. 22 |
| $0{ }_{0}{ }^{\prime \prime} 484$ | 75.00 | $1{ }^{1}$ " 42 " | 35.29 | $\begin{array}{llll}2 & \text { " } & 36 & \text { " }\end{array}$ | 23.08 | $\begin{array}{lll}3 & " & 30\end{array}$ | 17. 14 |
| $\begin{array}{llll}0 & \text { " } & 49 & \text { " }\end{array}$ | 73.47 | $\begin{array}{llll}1 & \text { " } & 43 & \text { " }\end{array}$ | 34.95 | $\begin{array}{llll}2 & \text { " } & 37 & \text { " }\end{array}$ | 22.93 | $\begin{array}{llll}3 & \text { " } & 31 & \text { " }\end{array}$ | 17. 06 |
| $\begin{array}{llll}0 & \text { " } & 50 & \text { " }\end{array}$ | 72.00 | $1{ }^{1}$ " 44 " | 34.62 | 2 " 38 " | 22.78 | $\begin{array}{llll}3 & \text { " } & 32 & \text { " }\end{array}$ | 16.98 |
| $\begin{array}{llll}0 & \text { " } & 51 & \text { " }\end{array}$ | 70.59 | $\begin{array}{llll}1 & \text { "1 } & 45 & \\ 1 & \text { " } & \\ 18\end{array}$ | 34.29 | $\begin{array}{llll}2 & \text { " } & 39 & \text { " }\end{array}$ | 22.64 | $\begin{array}{llll}3 & \text { "1 } & 33 & \text { " }\end{array}$ | 16. 90 |
| $\begin{array}{llll}0 & \text { " } & 52 & \text { " }\end{array}$ | 69.23 | $\begin{array}{llll}1 & \text { "1 } & 46 & \text { ". } \\ 1 & \text { 1 }\end{array}$ | 33.96 | $\begin{array}{llll}2 & \text { " } & 40 & \text { " }\end{array}$ | 22.50 | $\begin{array}{llll}3 & \text { " } & 34 & \\ 3 & \end{array}$ | 16.82 |
| $\begin{array}{llll}0 & \text { " } & 53 & \text { \% }\end{array}$ | 67.92 | $1{ }^{1} 1{ }^{1} 47$ " | 33.64 | 2 " 41 " | 22.36 | $3{ }^{3}$ " 35 " | 16.74 |
| $\begin{array}{llll}0 & \text { " } & 54 & \\ 0 & \text { a }\end{array}$ | 66.67 | 1 "1 48  <br> 1    | 33.33 | 2 " 42 " | 22.22 | 3 " 36 " | 16. 67 |
| $\begin{array}{llll}0 & \text { "1 } & 55 & \text { " }\end{array}$ | 65.45 | $\begin{array}{llll}1 & \text { "1 } & 49 & \text { " }\end{array}$ | 33.03 | $\begin{array}{llll}2 & \text { "1 } & 43 & \text { " }\end{array}$ | 22.08 | $\begin{array}{llll}3 & \text { "1 } & 37 & \text { " }\end{array}$ | 16. 59 |
|  | 64.29 | 1 " 50  <br> 1 "   | 32.73 | $\begin{array}{llll}2 & \text { " } & 44 & \text { " }\end{array}$ | 21.95 | $\begin{array}{lll}3 & \text { " } & 38 \\ 3 & \text { " }\end{array}$ | 16. 51 |
| $\begin{array}{llll}0 & \prime \prime & 57 & . \\ 0 & \text { a } & 58 & \text { a }\end{array}$ | 63.16 | $\begin{array}{llll}1 & \text { a } & 51 & \text { 1 } \\ 1 & 4 & 59\end{array}$ | 32.43 |  | 21.82 | $\begin{array}{lll}3 & \text { " } & 39\end{array}$ | 16. 44 |
| $\begin{array}{llll}0 & \text { " } & 59 & \end{array}$ | 62.07 | $\begin{array}{llll}1 & \text { " } & 53 & \text { " }\end{array}$ | 32.14 31.86 | 2 U 46 47 | ${ }_{21} 21.69$ | 3 a  <br> 3 40 41 | 16. 36 |
| $1{ }^{1}{ }^{\prime \prime} 0$ | 60.00 | 1 H 54  | 31.58 | $\begin{array}{llll}2 & \text { " } & 48 & \text { a }\end{array}$ | ${ }_{21.43}^{21.56}$ | $\begin{array}{llll}3 & \text {. } & 41 \\ 3 & 4 & \text {." }\end{array}$ | 16. 29 |
| $1{ }^{1} 1{ }^{\prime} 1$ | 59.02 | $1{ }^{11} 550$ | 31.30 | $2{ }_{2}$ | 21.30 | $3{ }^{\prime}$ | 16.14 |
|  | 58.06 | $1{ }^{1}$ " 56 " | 31.03 | 2 " 50 " | 21.18 | 3 " 44 " | 16.07 |
| $1{ }^{1}$ " 3 " | 57.14 | $1{ }^{1} 1{ }^{1} 57$ | 30.77 | $2{ }^{2}$ " 51 | 21.05 | 3 " 45 " | 16.00 |
| $\begin{array}{lll}1 & \text { " } & 4\end{array}$ | 56.25 | $1{ }^{1}$ " 58 " | 30.51 | 2 " 52 " | 20.93 | $\begin{array}{llll}3 & \text { " } & 46\end{array}$ | 15.93 |
| $1{ }^{1}$ " 5 " | 55.38 | $1{ }^{1}$ " 59 " | 30.25 | $2{ }^{2}$ " 53 " | 20.81 | $3{ }^{3}$ " 470 | 15.86 |
| $1{ }^{1}$ " 6 " | 54.55 | 2 " 0 " | 30.00 | 2 " 54 " | 20.69 | $3{ }^{\prime \prime} 48{ }^{\prime \prime}$ | 15. 79 |
| 1 " ${ }_{1} 1{ }^{1}$ | 53.73 | $2{ }^{2}$ " 11 | 29.75 | $2{ }^{2}$ " 55 " | 20.57 | 3 " 49 " | 15.72 |
| $1{ }^{1}$ " 8 " | 52.94 | 2 " 2 " | 29.51 | 2 " 56 " | 20.45 | 3 " 50 " | 15. 65 |
| $1{ }^{1}$ " 9 " | 52.17 | 2 " 3 " | 29.27 | $2{ }^{2}$ " 57 | 20.34 | 3 " 51 " | 15.58 |
| 1 " 10 " | 51.43 | 2 " 4 " | 29.03 | $\begin{array}{llll}2 & \text { " } & 58 & \end{array}$ | 20.22 | $3{ }^{3}$ " 52 " | 15. 52 |
| $1{ }^{1} \times 11 \quad{ }^{\prime \prime}$ | 50.70 | 2 " 5 " | 28.80 |  | 20.11 | 3 " 53 " | 15. 45 |
| $1{ }^{1}$ " 12 " | 50.00 | 2 " 6 " | 28.57 | 3 " 0 " | 20.00 | 3 " 54 " | 15.38 |
| $\begin{array}{llll}1 & \text { " } & 13 & \\ 1 & \text { " }\end{array}$ | 49.31 | $\begin{array}{llll}2 & \text { " } & 7 & \text { I }\end{array}$ | 28.35 | $\begin{array}{llll}3 & \text { "1 } & 1 & \\ 3 & \text { " }\end{array}$ | 19.89 | $\begin{array}{llll}3 & \text { "1 } & 55 & \\ 3 & \text { " }\end{array}$ | 15.32 |
| $\begin{array}{lll}1 & \text { " } & 14 \\ & \text { " }\end{array}$ | 48.65 | 2 " 8 " | 28.12 | 3 " ${ }^{3}$ | 19.78 | 3 " 56 " | 15. 25 |
| $\begin{array}{llll}1 & \text { "1 } & 15 & \text { " }\end{array}$ | 48.00 | 2 " ${ }^{2}$ | 27.91 | 3 " 313 | 19.67 | $\begin{array}{llll}3 & \text { " } & 57\end{array}$ | 15. 19 |
| $\begin{array}{lll}1 & \text { " } & 16\end{array}$ | 47.37 | $\begin{array}{llll}2 & \text { " } & 10 & \\ \\ 2 & & \end{array}$ | 27.69 | $3{ }^{3}$ " 4 4 | 19.57 | 3 " 58 " | 15. 13 |
| $\begin{array}{llll}1 & \text { " } & 17 & \text { " }\end{array}$ | 46.75 | $2{ }^{2}$ " 11 " | 27.48 | 3 " ${ }^{\prime \prime} 5$ | 19.46 | 3 " 59 " | 15. 06 |
| $\begin{array}{llll}1 & \text { " } & 18 & \\ 1\end{array}$ | 46.15 | $2{ }^{2}$ " 12 " | 27.27 | 3 " 6 " | 19.35 | 4 " 0 " | 15.00 |
| $\begin{array}{llll}1 & \text { "1 } & 19 & \text { " }\end{array}$ | 45.57 | $\begin{array}{llll}2 & \text { "1 } & 13 & \text { " }\end{array}$ | 27.07 | 3 " 7  <br> 3    | 19.25 | $\begin{array}{llll}4 & \text { "1 } & 17 & \text { " }\end{array}$ | 14.00 |
| $\begin{array}{lll}1 & \text { " } & 20\end{array}$ | 45.00 | 2 " 14 " | 26.87 | $3{ }^{\prime \prime} 88$ | 19.15 | 4 " 36 " | 13. 00 |
| $\begin{array}{lll}1 & \text { " } & 21 \\ 1 & \text { " }\end{array}$ | 44.44 | $\begin{array}{llll}2 & \text { "1 } & 15 & \\ 2 & \text { " } & 10\end{array}$ | 26.67 | $\begin{array}{cccc}3 & \text { "1 } & 9 & \\ 3 & \text { u }\end{array}$ | 19.05 | 5 " ${ }^{5}$ | 12.00 |
| $\begin{array}{lll}1 & \text { " } & 22 \\ 1 & \text { " }\end{array}$ | 43.90 | $2{ }^{2}$ " 1616 | 26.47 | $3{ }^{3} 1010$ " | 18.95 | $\begin{array}{llll}5 & \text { " } & 27\end{array}$ | 11.00 |
| $\begin{array}{lll}1 & \text { " } & 23 \\ 1 & & \\ & \\ \end{array}$ | 43.37 | $\begin{array}{llll}2 & \text { " } & 17 & \text { " }\end{array}$ | 26.28 | $3{ }^{3} 1111$ | 18.85 | 6 " 0 " | 10.00 |
|  | 42.86 | $\begin{array}{llll}2 & \text { " } & 18 & \\ \end{array}$ | 26.09 | 3 "1 12 " | 18.75 | 6 " 40 " | 9.00 |
| $1{ }^{1}{ }^{\prime \prime} 25$ " | 42.35 | $2{ }^{2}$ " 19 " | 25.90 | $3{ }^{3}$ " 13 " | 18.65 | $7{ }^{7}$ "130 30 | 8.00 |
| $1{ }^{1} 26{ }^{\text {a }}$ | 41.86 | 2 " 20 " | 25.71 | $3{ }^{3}$ | 18.56 | 8 " 34 " | 7.00 |
| $\begin{array}{llll}1 & \text { " } & 27 & \text { " }\end{array}$ | 41.38 | $\begin{array}{llll}2 & \text { " } & 21 & \\ 2 & \text { " }\end{array}$ | 25.53 | $3{ }^{3}$ "15 15 | 18.46 | 10 " 0 " | 6.00 |
| $\begin{array}{llll}1 & \text { " } & 28 & \text { " }\end{array}$ | 40.91 | 2 " 22 " | 25.35 | $3{ }^{3} 16$ " | 18.37 | 12 " 0 " | 5.00 |
| $1{ }^{\prime \prime} 29$ " | 40.45 | 2 " 23 | 25.17 |   <br> 3  <br>   | 18.27 |  | , |



MICHIGAN DIVISION


[^0]:    On single track, eastward trains are superior to westward trains of the same class, unless otherwise specified.

[^1]:    On single track，northward trains are superior to southward trains of the same class，unless otherwise specified．
    No． 15 will leave Michigan Central Passenger Station，Kalamazoo， 7.45 P．M．
    No． 17 will leave Michigan Central Passenger Station，Kalamazoo，8．10 A．M．
    No． 21 will leave Michigan Central Passenger Station，Kalamazoo，3．18 P．M．

