


Fosteners sholl be ASTM A325 Type 1, hot dip galvanized bolts. Bolts ${ }_{5} 8$ in. ${ }_{5}$. holes in. $\phi$. unless otherwise noted.
2. Calculoted weight of Structural Steel $=873,400$ pounds (AASHTO M270 Grode 50).
3. All structural steel shall be metalized (see Special Provision).
4. Expansion joint plates and attoched bars shall be shop painted with the inorganic zino
5. No field welding is permitted except as specified in the contract documents.
6. Reinforcement bars designated (E) shall be epoxy cooted.
7. Plan dimension and details relative to existing plans ore subject to nominol construction new construction and moke necessory approved adjustments prior to construction or
ordering of moterials. Such voriations shioll noo be couse for odditional compensation for

 surfoce or by shimming the bearings.
9. Concrete Sealer shhall be applied to the designoted areas of the Piers, Abutments,
10. The existing structural steel cooting contains lead. The Contractor shall toke appropriate
preccultions to deal with the presence of lead on this project.
11. For Conduit Attached to Structure quantities and details, see Electrical Plans.
12. The contractor shall exercise extreme coution during construction to moke certain that
construction octivities. live lood surcharge ond other loocs opolied to the structures will
 deportment. Driving piles and temporary sheet piling is not allowed.
13. Slipforming of parapets is not allowed
14. For drilled shoft locotions where permanent cosing is required os shown on the plons.
 to use permonent cosing for ease of
is ot equire on the olons. the cos
in the Driled Short in Soil poy item.
15. Limited groundwoter elevation doto is ovailable in the boring logs. In addition,
groundwoter moy also be present in deeper gronular loyers. $T$ The
groundwoter
 consider this information when choosing construction methods:
16. The Controctor shall toke oll necessory precoutions not to contaminote groundwoter


18. Structural steel erection shall be oaccomplished by of seel erection controctor or Insciftute of Steel
Steel Structures.
19. The Drilled Shoft quantitites ond reinforcement detailing ore based on the estimated
elevations shown on the plans. The actual elevations moy differ of eooch shoft locations elevorions shown on the plans.
and
quantifites ononding odjustment on opyment limits.
 may be pulled
Deportment.
21. The Controctor shall coordinate the construction of the proposed structure with the
construction of the proposed Retooining Woll 24, Retoining Woll 36. Retaining Wall




 additional precoutionary measures. required during removal/ construction,
sotisty these requirements. See Contract Special Provisions for details.
23. The quality of bedrock of entrance Romp Pier RI ond North Abutment Shall be checked
by the Controctor during construction to verify the desion bedrock conditions. An RaD by the Contractor during construction
of $75 \%$ or more should be verified.
24. MSE Wall supplier shall desion the MSE Wall assuming granular reinforced mass with on
 design.
25. All Lightweight Cellular Concrete Fill for the abutments and wingwall shall be Class I. All
Ligtteveight Cellular Concrete Fill for the MSE retaining wall sholl be Class III. See
Special Provisions Lightweight Cellulur
Special Provisions.
 2. If the Controctor elects to use contilever forming brockets on the exterior beoms or
girders, the brackets shall be ploced ot the same locations os required for the horowood blocks in Arricle 503.06(b) of the standord Specificictions. If oddifitional contiliever forming brackets ore required, har swod blocking shall be wedged between
the exterior and first interior beean of eoch of these odditional brocket locations.
28. The Contractor shall provide o method to ossure the soldier piles ochieve of least the

29. Soldier piles shall be cleoned ond given one shop cooo of Inorgonic Zinc Rich Primer.
Cost included with Furnishing Soldier Piles (Wh Section).

| STATION $8313+35.76$ |
| :---: |
| BILT 20-B $B 7$ |
| STATE OF ILLINOIS |
| F.A.U. RT. 1421 SEC. 2014-015R\&B-R |
| LOADING HL-93 |
| STR. NO. O16-1701 |

NAME PLATE

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| Sl-OI | General Plan and Ele |
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| S1-02 | neral Plan and Ele |
| S1-03 | General Doto 1 |
| Sl-04 | General Doto ${ }^{\text {General }}$ |
| . 06 | Foundation Loyout |
| S1-07 | Existing Structure Removal De |
|  | Existing Structure Re |
| S1-09 | Top of Slob Elevations 1-Adams |
| S1-10 | Too of Slab Elevations 2 - Adams |
| SI-11 | Top of Slob Elevations 3 |
| S1-12 | Top of Slab Elevations 4 |
| SI-13 | Top of Slab Elevations 5-Ada |
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| SI-16 | Top of Slab Elevations 2 - Ramp |
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| S1-18 | Top of West Approach Slab Ele |
| S1-19 | Top of East Approach Sla |
| S1-20 | Top of North Approach Slab |
|  | Deck Plan and Cross Sect |
|  | ck Plan - Ramp |
| S1-23 | Cross Sections - Ramı |
| S1-24 | Parapet Elevations |
| SI-25 | Paropet Elevations - Ramp |
|  | Superstructure Details |
| SI-27 | ch Slab De |
| 28 |  |

TOTAL BILL OF MATERIAL

| Item | Unit | Super | Sub | $\begin{gathered} \text { Totol } \\ \text { Quontity } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Removal of Existing Structures No. 1 | Eoch | 661 |  | 661 |
| Protective Shield | Sq. Y . | 2.661 |  | 2.661 |
| Structure Excovation | Cu. Yd. |  | 1,956 | 1,956 |
| Concrete Structures | Cu. Yd. |  | 684.4 | 684.4 |
| Rubbed Finish | Sa. Ft. |  | 5,008 | 5,008 |
| Concrete Superstructure | Cu. Yd. | 1,143.4 |  | ${ }_{\text {1,143.4 }}$ |
| Bridge Deck Grooving | Sq. Yd. | 1.885 |  | 1,885 |
| Form Liner Textured Surfoce | Sa. Ft. |  | 1.914 | 1,914 |
| Protective Coot | Sq. Yd. | 3,828 |  | 3,828 |
| Concrete Superstructure (Approach Slab) | Cu. Yd. | 220.5 |  | 220.5 |
| Furnishing And Erecting Structural Steel | L. Sum |  |  |  |
| Stud Sheor Connectors | Eoch | 19,521 | 239 | 19,760 |
| Reinforcement Bars | Pound |  | 532.520 | 532.520 |
| Reinforcement Bors, Epoxy Cooted | Pound | 356.310 | 178,780 | 535,090 |
| Bor Splicers | Eoch |  | 164 | 164 |
| Name Plates | Each |  | 1 |  |
| Permonent Cosing | Foot |  | 2.303 | 2.303 |
| Drilled Shoft in Soil | Cu. Yd. |  | 2.178 .7 | 2,178.7 |
| Drilled Shoft in Rock | Cu. Y . |  | 93.0 | 93.0 |
| Preformed Joint Strio Seal | Foot | 156 |  | 156 |
| Elostomeric Bearing Assembly. Type I | Eoch | 52 |  | 52 |
| Anchor Bolts, $5188^{\prime \prime}$ | Each | 100 |  | 100 |
| Anchor Bolts. 3/4" | Each | 64 |  | 64 |
| Anchor Bolts, $11 / 4^{\prime \prime}$ | Eoch | 4 |  | 4 |
| Temporary Soil Retention System | Sq. Ft. |  | 326 | 326 |
| Furnishing Soldier Piles (W Section) | Foot |  | 395 | 395 |
| Drilling And Setting Soldier Piles (In Soil) | Cu. Ft. |  | 3.063 | 3.063 |
| Concrete Sealer | Sq. Ft. |  | 15,493 | 15,493 |
| Geocomposite Wall Droin | Sq. Y C . |  | 195 | 195 |
| Crosshole Sonic Logging Access Ducts | Foot |  | 2.129 | 2.129 |
| Crosshole Sonic Logging Testing | Eoch |  | 5 | 5 |
| Class SI Concrete (Miscellaneous) | Cu. Yd. |  | 46.1 | 46.1 |
| Lightweight Cellular Concrete Fill | Cu. Yd. |  | 1,913 | 1,913 |
| Decorotive Roiling (Paropet Mounted) | Foot | 507 |  | 507 |
| Slope Inclinometer | Eoch |  | 2 | 2 |
| Detectable Wornings (Special) | Sq. Ft. | 89 |  | 89 |
| Bridge Deck Grooving (Longitudinal) | Sq. Y Y. | 742 |  | 742 |
| High Lood Multi-Rotational Bearings, Fixed - 250k | Eoch | 11 |  | 11 |
| High Lood Multi-Rototional Bearings, Fixed - 350K | Eoch |  |  |  |
| High Lood Multi-Rototional Bearings, Fixed - 500k | Eoch | 1 |  | 1 |
| Drainoge Scuppers, DS- 111 | Eoch | 1 |  | 1 |
| Drainage Scuppers, DS-12 | Eoch | 6 |  | 05 |
| Drainoge System | L. Sum | 0.5 |  | 0.5 |
| Mechonically Stobilized Eorth Retoining Woll, Special | Sq. Ft. |  | 2.012 | ${ }^{2,012}$ |
| Pipe Underdrains For Structures 4" | Foot |  | 213 | 213 |

-TranSystems $\square$


Tran@ysitems

|  | $08 \cdot R W B-01$ |  |  |
| :---: | :---: | :---: | :---: |
| USER NMME = wjocoletil | DESIINED | R | Rev |
|  | CHECKED | wsc | Revis |
| PLor scale = NTS | orawn | Jт | Revi |





(Heoder Girders L. . . . and 4)
(Looking upstation)
HEADER GIRDER TABLE

| $\begin{aligned} & \text { Header r } \\ & \text { Girder } \end{aligned}$ | Longitudinal Girders |  |  | Girder Spocing |  | Angle, D | c | Connection Plate, E | $F$ | 6 | Top \& Bott. Flange |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $7 R$ | $8 R$ | 9R | 10 $0^{\prime} 9^{\prime}{ }^{\prime \prime \prime}$ | $5^{\prime}-0^{7}{ }^{\prime \prime \prime}$ | 43016 ${ }^{\prime}{ }^{\prime \prime}$ | $9^{\prime \prime}$ | $5_{8_{8 \prime \prime}^{\prime \prime} \times 10^{\prime \prime}} \times 2^{\prime \prime} \mathbf{4}^{\prime \prime}$ | $0^{\prime \prime}$ | " | $3_{4^{\prime \prime}} \times 1^{\prime \prime-6^{\prime \prime}} \times 2^{\prime-} 9^{\prime \prime}$ |
| 3 | 4 R | $5 R$ | 9 R | 12 ${ }^{\prime 2}$ 2" | $6^{\prime}-5^{\prime \prime}$ | $59^{\circ} 44^{\prime} 03^{\prime \prime}$ | $6^{\prime}{ }^{\prime \prime \prime}$ | $5_{8 \prime \prime} \times 8^{\prime} 2^{\prime \prime} \times 2^{\prime}-4^{\prime \prime}$ | ${ }_{5}{ }_{8}{ }^{\prime \prime}$ | $l^{\prime}-2{ }^{7} 6^{\prime \prime}$ | $3^{3 \prime \prime} \times 1^{\prime \prime} 5^{\prime \prime} \times 2^{\prime}-3^{\prime \prime}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |








Fosteners shall be ASTM A325 Type 1. hot dip galvanized bolts. Bolts $7_{8}$ in. $\phi$, holes
${ }_{56}$ in in. $\phi$, unless otherwise noted.
2. Colculated weight of Structural Steel $=979,270$ pounds (AASHTO m270 Grode 50).
3. All structural steel shall be metalized (see Special Provision).
4. Exponsion joint plates and ottoched bars shall be shop painted with the inorganic zino
5. No field welding is permitted except os specified in the contract documents.
6. Reinforcement bors designoted ( $E$ ) shall be epoxy cooted.
7. Plan dimension and details relatite to existiong plans are subject to nominal



9. Concrete Sealer shall be applied to the designated areas of the Piers, Abutments,
10. For Conduit Attached to Structure quantities and details, see Electrical Plans.

 ment. Driving piles ond temporary sheer piling is not allowed.
12. Slipforming of parapets is not allowed.
13. For drilled shoft locations where permanent cosing is required os shown on the plons
the cosing will be paid for under the Permonent Cosing por item. If controctor elects
 is not required on the plans, the cosing will no
incluted in the Drilled Shaft in Soil poy ilem.
14. Limited groundwater elevotion dato is avaiable in the boring logs. In addition.
groundwater may
olso be present in deeper granular layers. The oground
 consider this informetion when choosing construction metrods: $T$ t.
be compensoted for issues reloted to the groundwoter elevafion.
15. The Contractor shall toke all neecessary precautions not to contaminate groundwoter
during the ofrilled shoft construction operation. Controctor is responsible for the proper contaiment ond disposal of the contaminoted groundwoter ond spoils resulting
from Controctor's meons ond methods. No oddifional cost will be paid for this effort.
16. The Contractor shall field verify location of existing utilities prior to construction. The
Controctor shall toke eprecoutions not to domoge existing utilities. Any such domage

17. Structural steel erection shall De occomplished by o steel erection controctor or
subcontractor certified os on Advanced Certified Steel Erector (ACSE) by the suborition Institertite of Steel Construction (AISC). See special provision for Erection of
American
Complex Steel structures.
18. The Drilled Shaft quantities and reinforcement detailing ore based on the estimated
elevations shown on the plans. The ocfual elevations moy differ of each shoft location elerd corresponding adjustments.
quantities ond poyment limits.
19. Bosed on the squeeze potential of the clay soils, the use of temporary cosing will be
required to Elevorion 540.00 in order to propery construct the drilled shafts. Cosing required
moe pollled
Deportment.
20. The Controctor shall coordinate the construction of the proposed structure with the
 additional construction and coordination requirements.
21. The Controctor shall provide vibration and disislocement monitoring of the locations
specifieie in the Special Provision for Construction Vibration Monitoring ond Monitoring Adjocent Structures. to ensure thot removal/ construction octivities in the vicioity of

2. MSE Woll supplier sholl design the MSE Woll ossuming granulor reinforced moss with For embonkment behind gronulor reinforced mass, on embownment unit weight. of 120
los. Icu. of and on effective friction ongle of 30 degrees shall be used in the woll bystem design.

24. Bridge Deck Groving shall be applied to the Jockson Bridge deck and the west and
east approach slobs. Bridge Deck Grooving (Longitudinal) shall be applied to the

 cantiever forming brackets ore required, har dwood blocking shall be wedged between
the exterior and first interior beam of eoch of these odditional brocket locations.

| STATION 8213 +25.75 |
| :---: |
| BIIT 20-BY BY |
| STATE OF ILLINOIS |
| F.A.U. RT. 1422 SEC. 2014-015R\&B-R |
| LOADIN HL-93 |
| STR. No. 016 -1702 |

NAME PLATE

INDEX OF SHEETS


TOTAL BILL OF MATERIAL

| Item | Unit | Super | Sub | $\begin{gathered} \text { Totol } \\ \text { Quontity } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Concrete Removal | Cu. Yd. |  | 676 | 676 |
| Structure Excovation | Cu. Yd. |  | 4.720 | 4.720 |
| Concrete Structures | Cu. Yd. |  | 640.2 | 640.2 |
| Rubbed Finish | Sa. Ft. |  | 3.526 | 3.526 |
| Concrete Superstructure | Cu. $Y$ d. | 1.022.3 |  | 1,022.3 |
| Bridge Deck Grooving | Sq. Y F . | 1,669 |  | 1.669 |
| Form Liner Textured Surfoce | Sa. Ft. |  | 1.263 | 1.263 |
| Protective Coot | Sq. Y C . | 3.346 |  | 3.346 |
| Concrete Superstructure (Approach Slab) | Cu. Yd. | 141.4 |  | 141.4 |
| Furnishing And Erecting Structural Steel | L. Sum | 0.5 |  | 0.5 |
| Stud Shear Connectors | Eoch | 22,791 |  | 22.791 |
| Reinforcement Bors | Pound |  | 549,800 | 549,800 |
| Reinforcement Bors, Epoxy Cooted | Pound | 288,480 | 161.200 | 449,680 |
| Bor Splicers | Each |  | 152 |  |
| Mechonical Splicers | Eoch |  | 144 | 144 |
| Nome Plotes | Each |  | 1 |  |
| Permonent Cosing | Foot |  | 2.186 | 2.186 |
| Drilled Shoft in Soil | Cu. Yd. |  | 2,826.5 | 2,826.5 |
| Drilled Shoft in Rock | Cu. Yd. |  | 67.8 | 67.8 |
| Preformed Joint Strio Seal | Foot | 156 |  | 156 |
| Elastomeric Bearing Assembly, Type I | Eoch | 40 |  |  |
| Anchor Bolts. $5 / 8^{\prime \prime}$ | Each | 100 |  | 100 |
| Anchor Bolts. 3/4" | Each | 16 |  | 16 |
| Anchor Bolts, $l^{\prime \prime}$ | Eoch | 28 |  | 28 |
| Temporary Soil Retention System | Sq. Ft. |  | 1.284 | 1.284 |
| Concrete Sealer | Sq. FF. |  | 14,655 | 14,655 |
| Geocomposite Wall Drain | Sq. Y d. |  | 10 |  |
| Crosshole Sonic Logging Access Ducts | Foot |  | 1.847 | 1.847 |
| Crosshole Sonic Logging Testing | Each |  | 5 | 5 |
| Class SI Concrete (Miscelloneous) | Cu. Yd. |  | 211.7 | ${ }_{211.7}^{1.7}$ |
| Lightweight Cellular Concrete Fill | Cu. Yd. |  | 1.447 | 1.447 |
| Decorotive Railing (Poropet Mounted) | Foot | 470 |  | 470 |
| Steel Railing Removal | Foot |  | 137 | 137 |
| Slope Inclinometer | Eoch |  | 1 |  |
| Foundation Construction At Existing Obstructions | Each |  | 5 | 5 |
| Detectable Wornings (Special) | Sq. Ft. |  | 92 | 92 |
| Bridge Deck Grooving (Longitudinal) | Sq. Yd. | 605 |  | 605 |
| High Lood Multi-Rotational Beorings, Fixed - 200 K | Eoch | 11 |  | 11 |
| High Lood Multi-Rotational Bearings, Fixed - 300K | Eoch | 4 |  |  |
| High Lood Multi-Rototional Bearings, Fixed - 500k | Eoch | 1 |  | 1 |
| Bonded Preformed Joint Sealer, 2 Inch | Foot |  | 55 | 55 |
| Droinoge Scuppers, DS-II | Eoch | 1 |  | 1 |
| Droinoge Scuppers, DS-12 | Eoch | 5 |  | 5 |
| Drainoge System | L. Sum | 0.5 |  | 0.5 |
| Mechonically Stabilized Earth Retoining Woll, Special | Sq. Ft. |  | ${ }^{1,755}$ | 1.755 |
| Pipe Under rorains For Structures $4^{\prime \prime}$ | $\frac{\text { Foot }}{\text { Foot }}$ |  | 1284 | 1284 |


| 57 | Pier 1 Plon on |
| :---: | :---: |
|  |  |
| S2-59 S2-60 | Pier I Architectural Details |
| S2-60 S2-61 | Pier 2 Plon ond Elevation |
|  | Pier 2 Architectural Details |
| S2.63 | Pier R1 Plan and Elevation |
| S2-64 | Pier R1 Details |
| S2-65 | Pier R1 Architectural Details |
| S2.66 | MSE Wall Elevation and Cross Sections |
| S2.67 | Parapet and Concrete Slab Plan and Elevation |
| S2-68 | Parapet and Anchorage Slab Plan and Elevation |
| S2-69 | Parapet, Concrete, and Anchoroge Slab Detals |
| S2-70 | MSE Wall Architectural Details |
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| S2-72 | Crown Castle/RCN Bridge Deck Cross Section |
| S2-73 | Crown Castle/RCN Conduit Support Hangar D |
|  | Crown Costle/RCN Conduit Support Loyout |
| S2-74A | ComEd Conduit Support Layout |
| S2-74B | Comed Conduit Support Hangar Details |
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| S2-76 | Boring Logs 2 |
| S2.77 | Boring Logs 3 |
| ( $\begin{gathered}\text { S2-78 } \\ \text { S2-79 } \\ \text { S2 }\end{gathered}$ | Boring Logs 4 |
|  | ing Logs 5 |

1 REVISED ENTIRE SHEET 5/15/20
TranSystems $\square$


general data 1
STRUCTURE NO. 016-1702



## \} C Concrete Removal

Existing Abondoned Freight Tunne bl byersExisting Abondoned Freight Tunnelto be bulkheoded and filled路 Proposed Drilled Shoft in Conflict with existing obstruction
Notes:
existing Jockson Bivd. Bridge plans for See the existing Joer
odditional information.
The cost of arin. footings. post of drilling or oropondoned funnel shofts thru be paisting for as Foundation Construction at Existing Obstructions.


PLAN - WEST ABUTMENT


VIEW A-A


① REVISED ENTIRE SHEET 5/15/20


Tran§ysiems

| USER NMEM : wicolet + i | DESIINED | wJc | ReVISED |
| :---: | :---: | :---: | :---: |
|  | CHECKED | mos | REVISED |
| PLot scale = NTS | oramn | JTF | Revisso |



## HEADER GIRDER TABLE

| $\begin{aligned} & \text { Header } \\ & \text { Girder } \end{aligned}$ | Longitudinal Girders |  |  | Girder Spacing |  | Angle, ${ }^{\text {D }}$ | c | E | F | Connection Plate | Top \& Bott. FlongeSplice Plate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Left | Center | Right | 4 | $B$ |  |  |  |  |  |  |
| 1 | IR | $2 R$ | 3 R | $8{ }^{\prime}-\mathrm{O}^{\prime}{ }^{\prime \prime \prime}$ | 2'-3' ${ }^{\prime \prime \prime}$ | $68^{\circ 64} 4^{\prime \prime} 1^{\prime \prime}$ | $6^{\prime \prime}$ | $I^{\prime \prime}$ | $l^{\prime \prime} l^{\prime \prime}$ | $\times 2^{\prime} 6^{\prime \prime}$ | " $\times 1^{\prime}-5^{\prime \prime} \times 2^{\prime}-1^{\prime \prime}$ |
| 2 | $1 R$ | 3 R | 4 R | $8^{\prime} \cdot 6^{7} 8^{\prime \prime}$ | $2^{\prime \prime}-99^{\prime \prime}$ | 73007'53" | 52" | $1^{5}{ }^{5 \prime \prime}$ | ${ }^{1}+0^{3} 6^{\prime \prime}$ | $5_{8}{ }^{\prime \prime} \times 7^{\prime} \times{ }^{\prime \prime \prime} \times 2^{\prime \prime} \times 2^{\prime \prime}$ | $3^{3 \prime \prime} \times l^{\prime \prime} 4^{\prime \prime} \times 2^{\prime \prime} 0^{\prime \prime} 0^{\prime \prime}$ |




SECTION D-D


SECTION E-E
$\triangle$ REVISED ENTIRE SHEET $5 / 15 / 20$ Notes:


Transysitems















MICROPILE


SECTION C-C


SECTION D-D


TYPICAL CAST-IN-PLACE WALL CROSS SECTION

* Cost includer with
for Structures $4 "$


## MICROPILE DATA



Notes:
Epoxy grout diOMEE bors occording to Article 584
of the Standard Specifications. Drill to miss of the Standard Specificactions. Driill to miss existing
reinforcement. All work sholl be included in the unit sid Price for Reinforcement Bars. Epoxy Cooted. Superstructure. Concre Superstructure.
Foscria Ponels ond Footing shall be
Concrete Structures (Retoining Woll).
$\triangle$ REVISED Entire Sheet 5/15/20
. Tran§ystems



A REVISED ENTIRE SHEET 5/15/20
Usse Neme - weolatew

$\left\lvert\, \begin{array}{ll}\text { OESICNEE }- \text { KRS } \\ \text { CHECCEED } & - \text { OJ } \\ \text { ORNM }\end{array}\right.$ | $S$ | ReVIS |
| :--- | :--- |
| R | RVIII |
| RVVIS |  |

 SEPARTMENT OF TRANSPORTATION




1 Noise Aboitement woll. The Nolise Abotement wall shall De or refiective system. 1


 utititie
cost.

TOTAL BILL OF MATERIAL

| DESCRIPTION | UNIT | TOTAL |
| :--- | :---: | :---: |
| Noise Abotement Woll, Ground Mounted | SQ.FT. | 1859 |
| Stainless Steel Coble Plont Support System | L.SUM. | 1 |

## INDEX OF SHEETS:

$\begin{array}{ll}\text { S9.01 } & \text { General Plan ond Elevorion } \\ \text { S9-02 } & \text { Typical Section, Total Bill of Moterial, Index of Sheets \& General Notes }\end{array}$ Arhitectural Detoils $I I$

Arhitectural Details $I I$ | S9-04 | Arhitectural Det |
| :--- | :--- |
| S9-05 |  |
| Booring Logs $I$ |  |
| B906 | Boring Logs II | $\begin{array}{lll}\text { S9-05 } & \text { Boring Logs } 1 \\ \text { S9-06 } & \text { Boring Loos II } \\ \text { S9-07 } \\ \text { Boring } & \text { Logs III } \\ \text { S9-08 } & \text { Boring Logs }\end{array}$

 to the structures will not hove detrimentol effrects on the otijicen lods builidingsis ond tulities. See Controct Special Provision for details
4. Noise Abotement wall (xaW) drilled shoff foundotion constryution shall follow
5. Noise Abotement Woll (NaW) drilied shoft foundation diometer, depth, ond




7. The Controctor shal toke oll neeassary precoutions not to contaminate

 and dise
Controcto
effortit
8. Controctor shall provide one 4 " $\phi$ weep hole per Noise Abotement Whal precost
 Holdid with Noise Abotement Woll, Ground Nounted.
9. The Controctor shall corr ininat construction of Prop. Noise Abotement Woil



PROFILE GRADE

CURVE DATA
(NB C-D Rood)
Curve: $P$ - $N C D-N X$ Curve: $P$ P-NCD-NX-6
PI Sto. $=6345+36.95$
$\Delta=5^{\circ} 12^{\prime} 37^{\prime \prime}(L T)$
 $D=1^{\circ} 05^{\prime} 35^{\prime \prime}$
$R=5.242 .00^{\prime \prime}$
$T=238.51^{\prime}$
$T=238.51^{\prime}$
$L=476.70^{\prime}$
$E=5.42^{\prime}$
$e=R C C^{\prime}$
T.R. $=N A$
S.E. RAn $=N A$
P.C. Sto. $=6342+98.44$
S.E. $R$ RUn $=N A$
P.C. Sto. $=6342+98.44$
P.T. Sta $=6347+75$.



LEGEND:
Elevation A: Too of Noise Abotement Wall Ponel
Elevation B: Bottom of Noise Abotement Wall Panel
Elevation C: Existing Grode of FF.F. of Wall
Elevation D: Finished Grade at FF. of Wall


NOISE ABATEMENT WALL - ELEVATION
(Looking East)



PRECAST PANEL TYPE DETAILS

* Fixed dimension from top of ponel. Forminer potterns below
fixed dimension shall vary to occomodate different panel height.
** Forminer llyyout is shown for the mox. panel height.
Omit forminer is spove einished grade o
allow for the SS spocer to be ottoched on flot surface.


FORMLINER (3)

$$
\text { FORMLINER (4) } \backslash_{\text {Smooth Finish }}
$$

FORMLINER DETAILS
NOTES
Textured formliner for precast panels will not be poid seporately and will be
included in the cost of the pay item "Noise Abatement Wall, ground mounted".
$\triangle$ REVISED ENTIRE SHEET $5 / 15 / 20$
2. For detailed dimensions, station and elevation of noise wall, see Sheets $59-01$ and $59-02$
$\square$ STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION NOISE ABATEMENT WALL NOISE ABATEMENT WALL


